

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118592.D
 Acq On : 20 Jan 2020 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 1/21/2020 2:26:01 PM

Quant Time: Jan 21 01:50:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	446029	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1655757	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	962019	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1788121	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1407147	20.00	ng	0.00
87) Perylene-d12	15.52	264	1149147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1999388	83.25	ng	0.00
7) Phenol-d6	6.50	99	2612661	83.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	2493905	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	980360	88.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4414539	75.42	ng	0.00
79) Terphenyl-d14	12.99	244	5251654	81.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	476519	40.967	ng	99
3) Pyridine	3.42	79	1332994	40.659	ng	99
4) n-Nitrosodimethylamine	3.36	42	575345	40.934	ng	98
6) Aniline	6.55	93	1706681	41.524	ng	99
8) 2-Chlorophenol	6.67	128	1136493	42.161	ng	99
9) Benzaldehyde	6.43	77	805076	42.410	ng	99
10) Phenol	6.52	94	1490425m	41.899	ng	
11) bis(2-Chloroethyl)ether	6.62	93	1103025	41.794	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1329159	42.128	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1335897	42.180	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1274612	42.812	ng	99
15) Benzyl Alcohol	7.02	79	1046900	42.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1550979	42.191	ng	100
17) 2-Methylphenol	7.13	107	943690	42.029	ng	99
18) Hexachloroethane	7.40	117	484802	42.215	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	901909	42.792	ng	98
20) 3+4-Methylphenols	7.28	107	1187666	43.324	ng	# 83
22) Acetophenone	7.29	105	1657933	42.269	ng	98
24) Nitrobenzene	7.46	77	1274608	42.052	ng	98
25) Isophorone	7.70	82	2228428	41.273	ng	99
26) 2-Nitrophenol	7.78	139	556514	43.055	ng	96
27) 2,4-Dimethylphenol	7.81	122	896198	40.152	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1454237	41.801	ng	99
29) 2,4-Dichlorophenol	8.02	162	1029638	41.730	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1184733	41.411	ng	100
31) Naphthalene	8.19	128	3217488	43.017	ng	99
32) Benzoic acid	7.93	122	728094	43.465	ng	98
33) 4-Chloroaniline	8.23	127	1461709	42.282	ng	97
34) Hexachlorobutadiene	8.31	225	728271	41.801	ng	99
35) Caprolactam	8.60	113	335852	41.594	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	1025642	42.094	ng	97
37) 2-Methylnaphthalene	8.88	142	2269692	42.990	ng	100
38) 1-Methylnaphthalene	8.98	142	2155170	42.968	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1249555	41.512	ng	100

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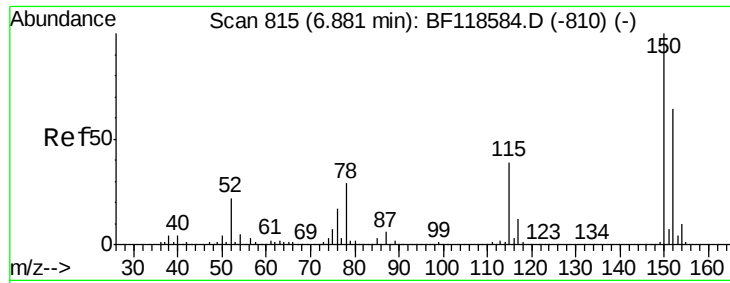
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	610789	40.218	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	821612	41.133	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	840990	41.225	nq	99
46) 1,1'-Biphenyl	9.35	154	2778108	41.901	nq	99
47) 2-Chloronaphthalene	9.37	162	2323582	41.578	nq	99
48) 2-Nitroaniline	9.46	65	727693	42.360	nq	98
49) Acenaphthylene	9.79	152	3305543	42.045	nq	100
50) Dimethylphthalate	9.65	163	2646735	42.228	nq	100
51) 2,6-Dinitrotoluene	9.70	165	602731	42.945	nq	97
52) Acenaphthene	9.96	154	2234783	42.511	nq	100
53) 3-Nitroaniline	9.87	138	687355	42.889	nq	98
54) 2,4-Dinitrophenol	9.97	184	250664	44.736	nq	# 58
55) Dibenzofuran	10.13	168	3129779	42.961	nq	100
56) 4-Nitrophenol	10.02	139	521649	43.118	nq	97
57) 2,4-Dinitrotoluene	10.10	165	787463	44.507	nq	96
58) Fluorene	10.47	166	2467948	43.152	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	762571	42.500	nq	100
60) Diethylphthalate	10.35	149	2611266	42.970	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	1339826	43.073	nq	100
62) 4-Nitroaniline	10.48	138	700588	42.618	nq	99
63) Azobenzene	10.62	77	2523832	42.883	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	337649	42.943	nq	97
66) n-Nitrosodiphenylamine	10.58	169	2260969	41.928	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	928350	42.023	nq	# 95
68) Hexachlorobenzene	11.02	284	1058018	42.243	nq	97
69) Atrazine	11.10	200	792480	42.400	nq	99
70) Pentachlorophenol	11.21	266	592329	42.536	nq	99
71) Phenanthrene	11.43	178	3631824	42.100	nq	99
72) Anthracene	11.49	178	3607093	42.257	nq	100
73) Carbazole	11.63	167	3294555	42.078	nq	99
74) Di-n-butylphthalate	11.97	149	3768125	43.318	nq	98
75) Fluoranthene	12.62	202	3878378	42.626	nq	99
77) Benzidine	12.73	184	1693561	45.044	nq	96
78) Pyrene	12.85	202	3889513	40.714	nq	100
80) Butylbenzylphthalate	13.46	149	1662116	42.512	nq	95
81) Benzo(a)anthracene	14.03	228	3483072	41.148	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	1260966	41.806	nq	99
83) Chrysene	14.07	228	3359601	41.412	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2070865	43.354	nq	100
85) Di-n-octyl phthalate	14.64	149	3092000	43.732	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2554557	36.240	nq	100
88) Benzo(b)fluoranthene	15.09	252	2973914	41.172	nq	99
89) Benzo(k)fluoranthene	15.12	252	2947031	44.038	nq	99
90) Benzo(a)pyrene	15.45	252	2590865	41.580	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2126107	38.575	nq	98
92) Benzo(g,h,i)perylene	17.43	276	2024569	37.832	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

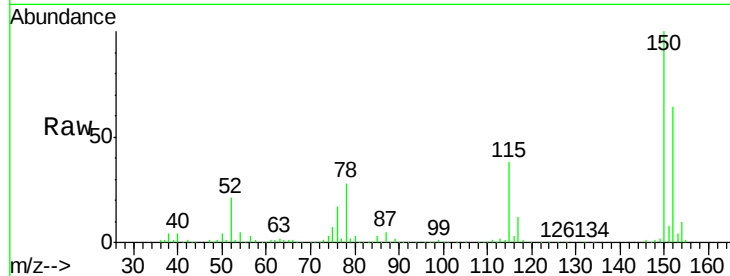
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.6	188.4
115	59.8	48.4	72.6

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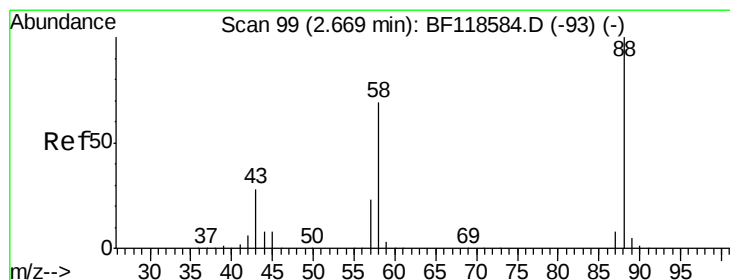
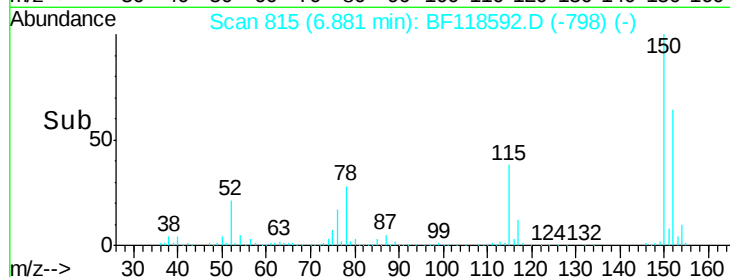
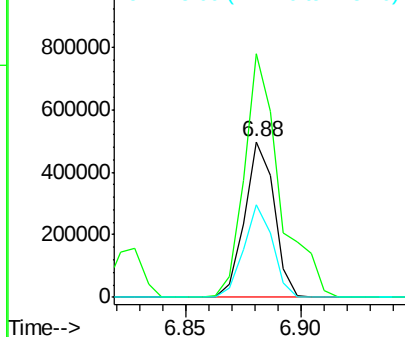


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

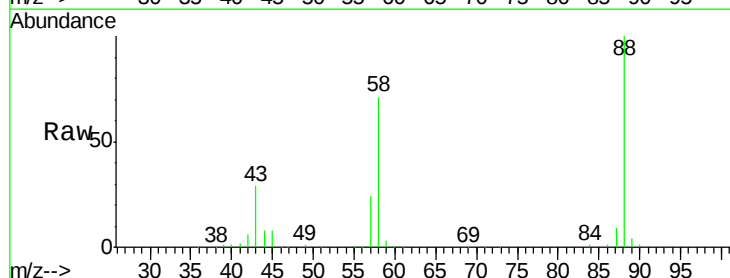
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.967 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	56.1	84.1
43	28.0	23.0	34.6

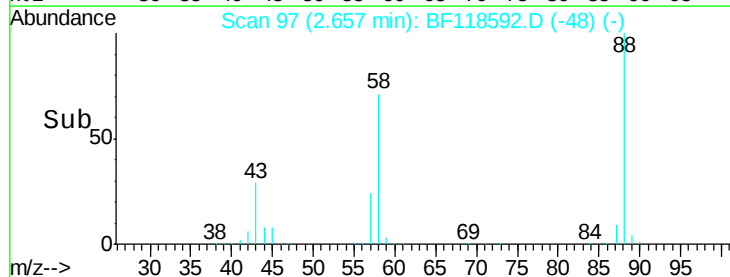
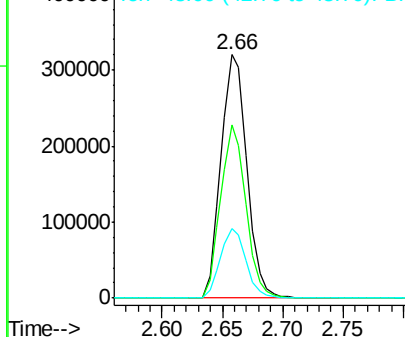


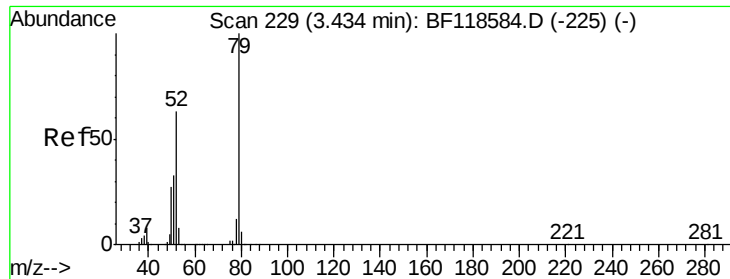
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.659 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1332994

Ion Ratio Lower Upper

79 100

52 63.0 50.7 76.1

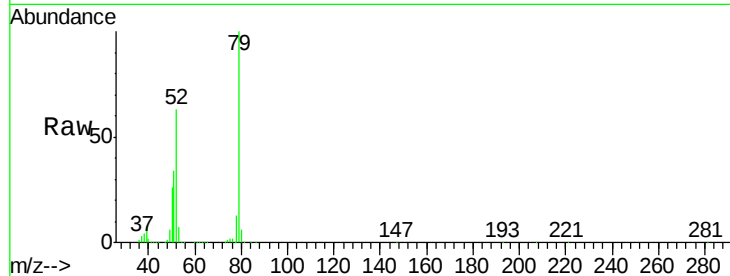
51 33.7 26.6 40.0

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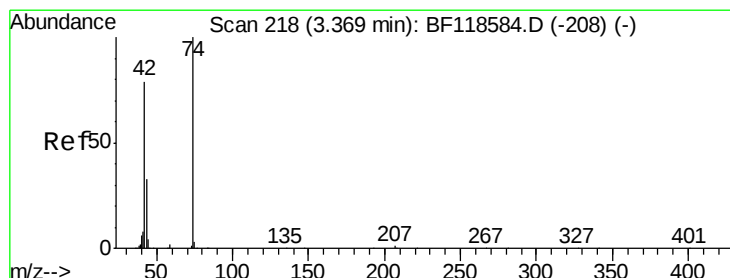
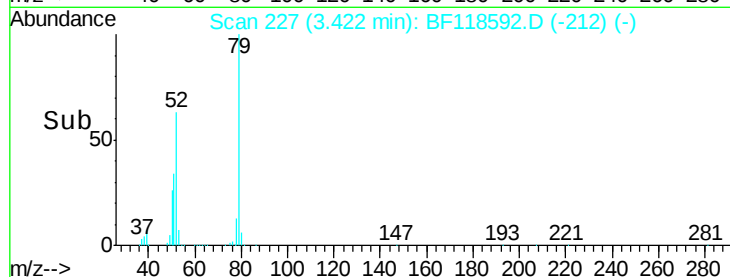
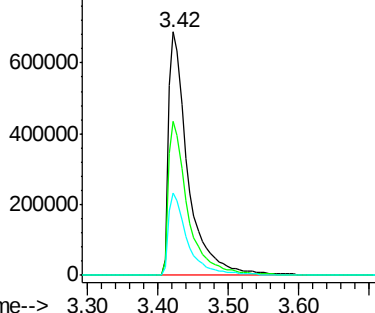
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.934 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

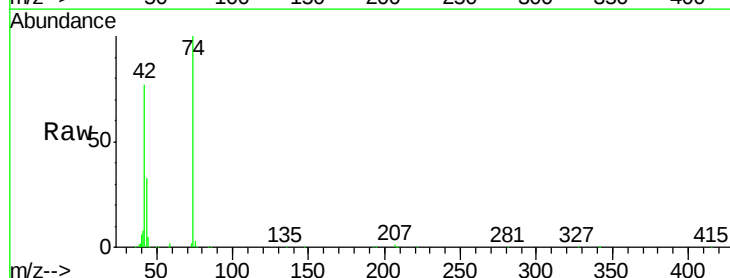
Tgt Ion: 42 Resp: 575345

Ion Ratio Lower Upper

42 100

74 129.4 101.6 152.4

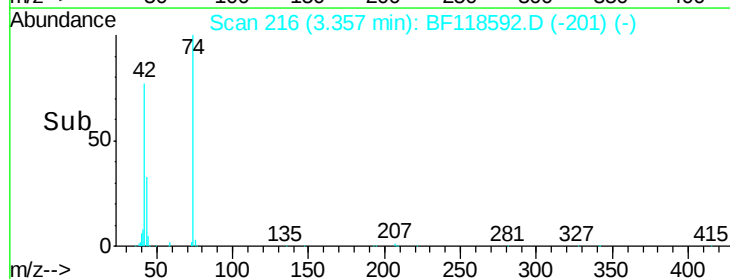
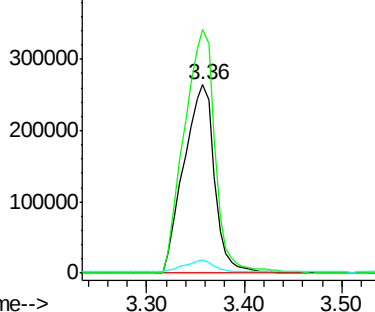
44 6.8 4.9 7.3

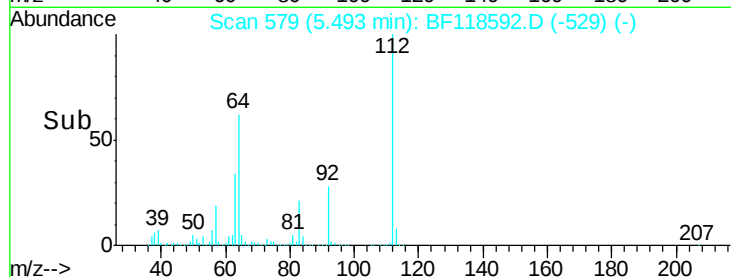
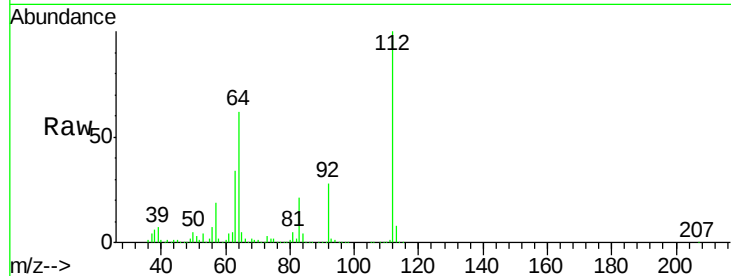
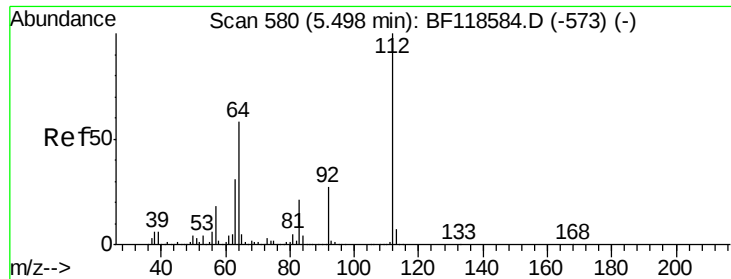


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.254 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1999388		
64	61.7	46.6	70.0		
63	33.5	25.1	37.7		

Instrument :

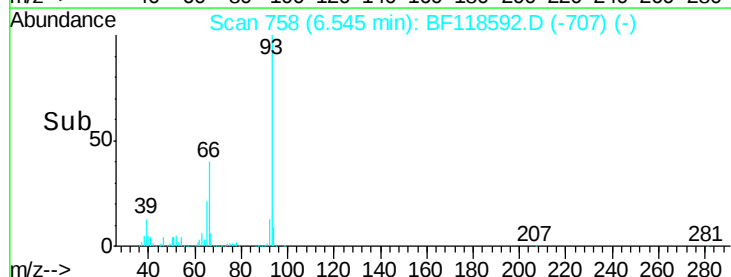
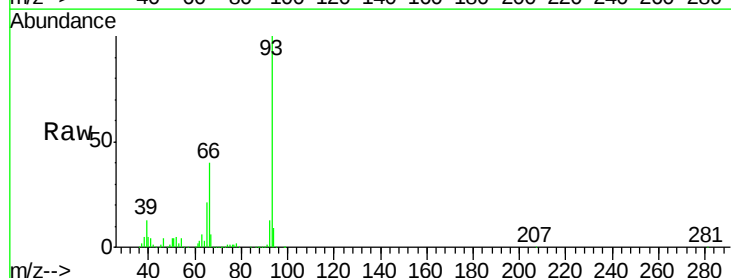
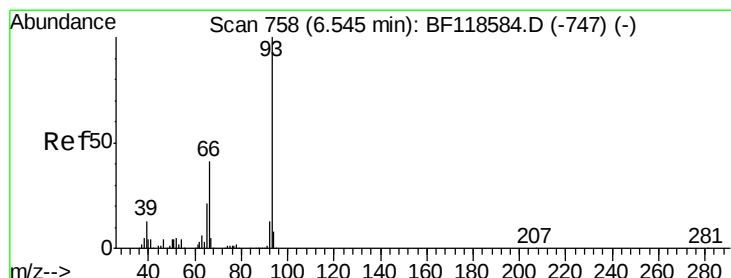
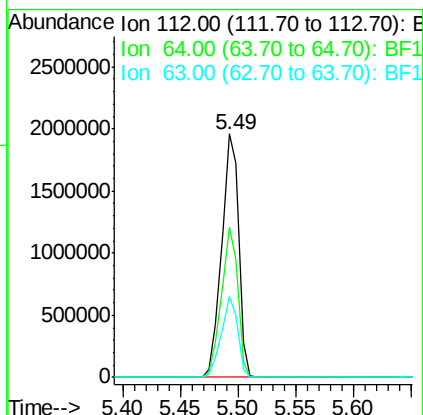
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 41.524 ng

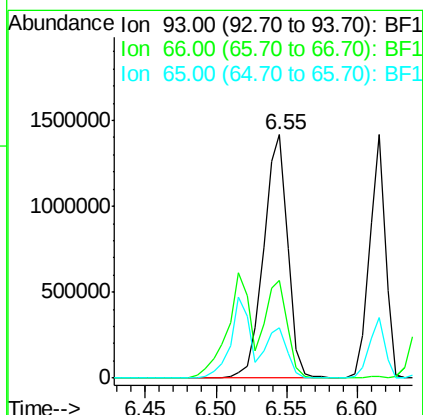
RT: 6.55 min Scan# 758

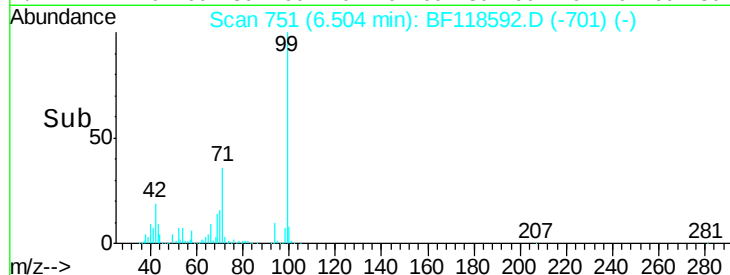
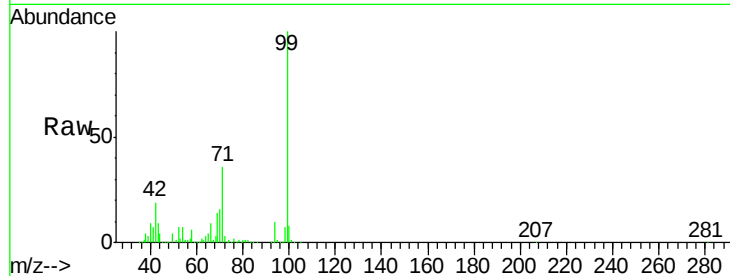
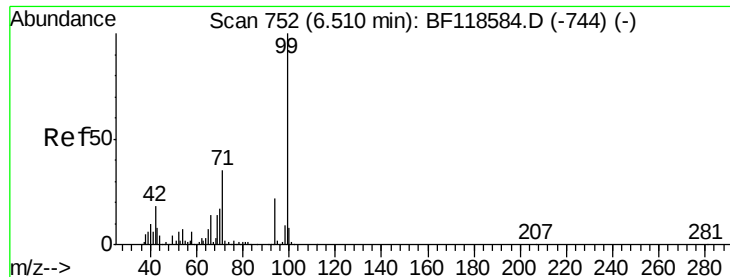
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		1706681		
66	40.4	32.8	49.2		
65	20.6	16.5	24.7		





#7

Phenol-d6

Concen: 83.702 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tot Ion: 99 Resp: 2612661

Ion Ratio Lower Upper

99 100

42 18.9 14.2 21.2

71 35.7 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

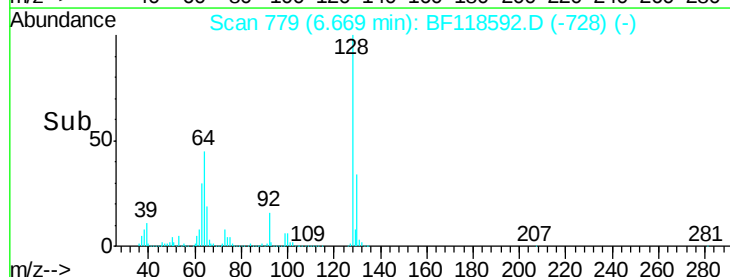
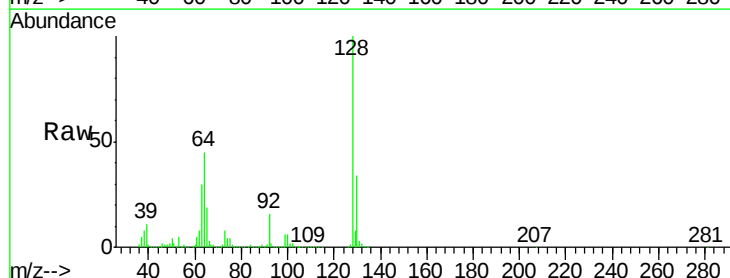
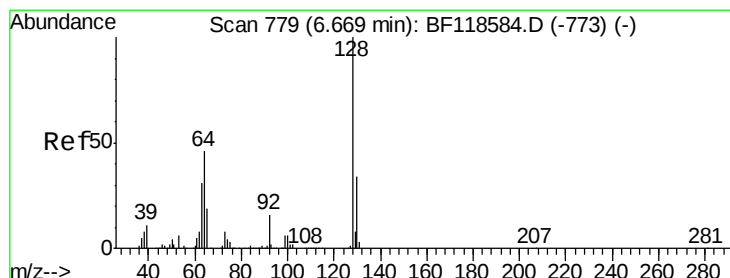
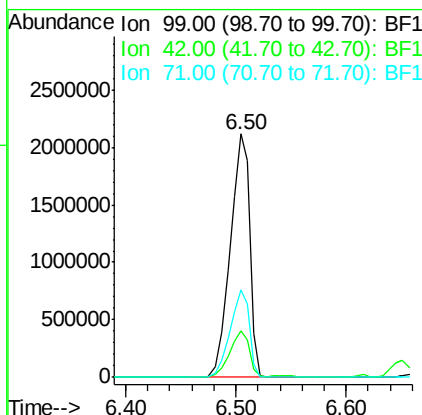
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#8

2-Chlorophenol

Concen: 42.161 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

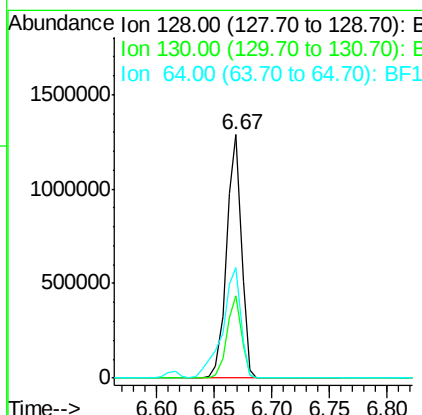
Tgt Ion:128 Resp: 1136493

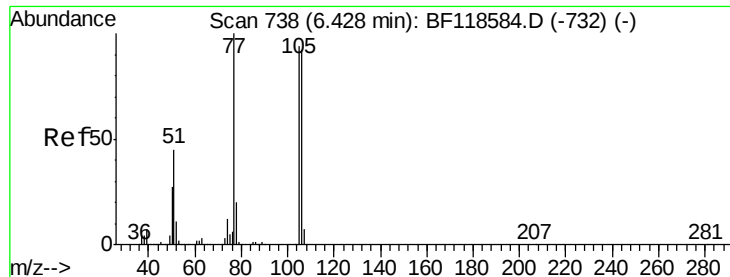
Ion Ratio Lower Upper

128 100

130 33.6 13.6 53.6

64 45.3 26.4 66.4





#9

Benzaldehyde

Concen: 42.410 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

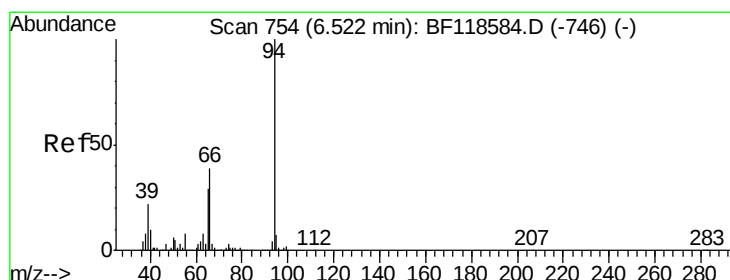
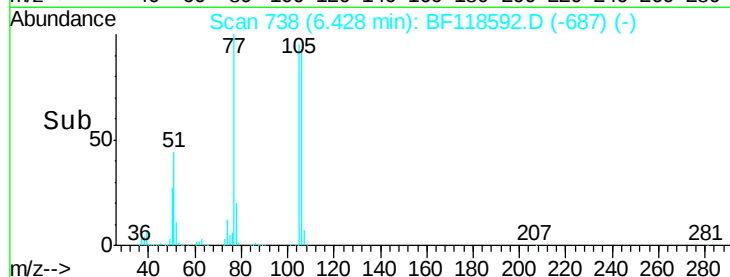
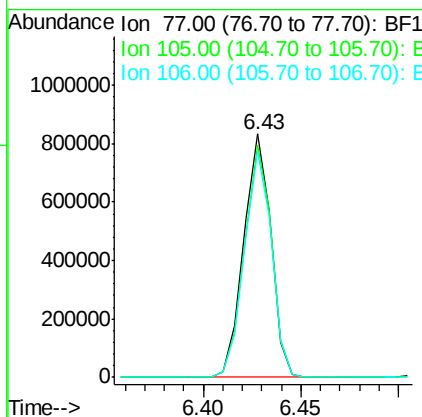
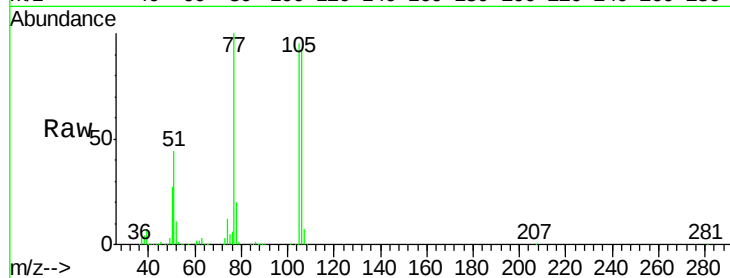
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	805076
Ion	Ratio	Lower	Upper
77	100		
105	95.1	73.5	113.5
106	92.5	71.9	111.9

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#10

Phenol

Concen: 41.899 ng m

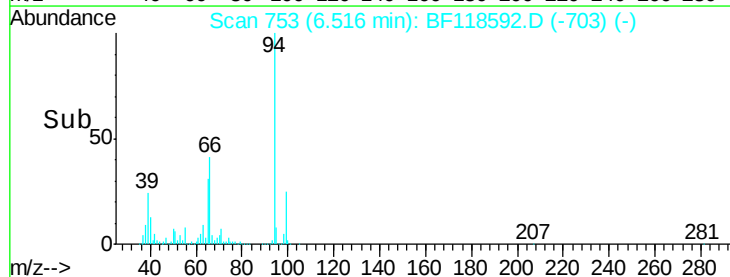
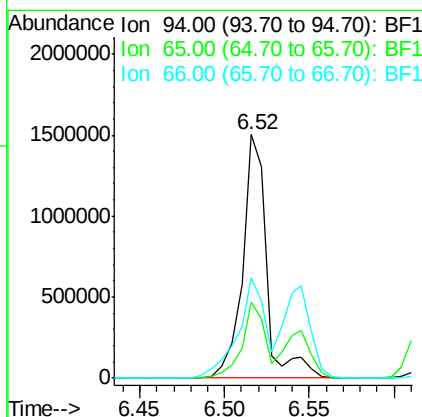
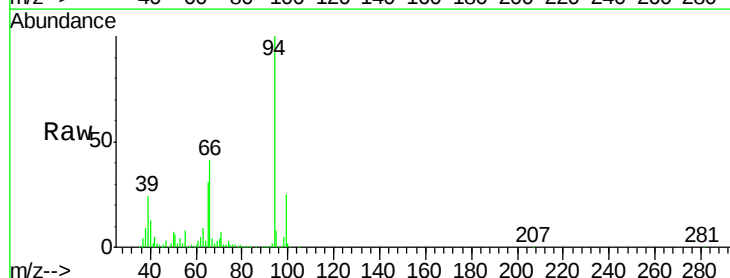
RT: 6.52 min Scan# 753

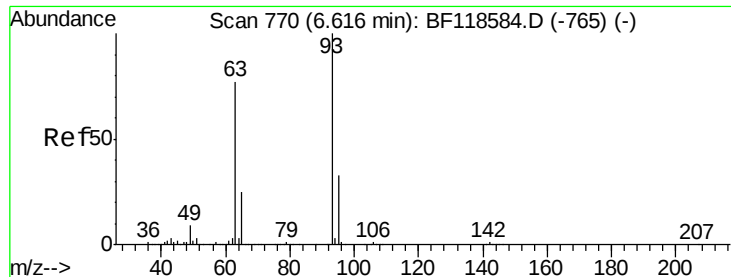
Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	94	Resp:	1490425
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.5	49.5
66	41.0	18.5	58.5





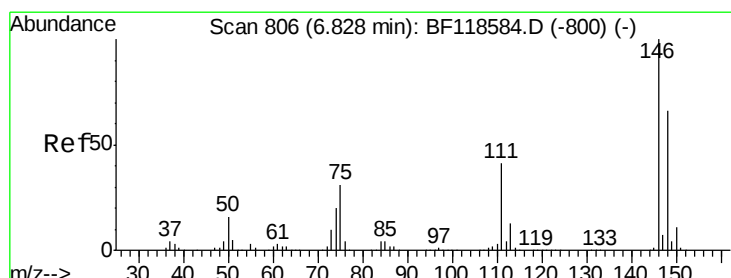
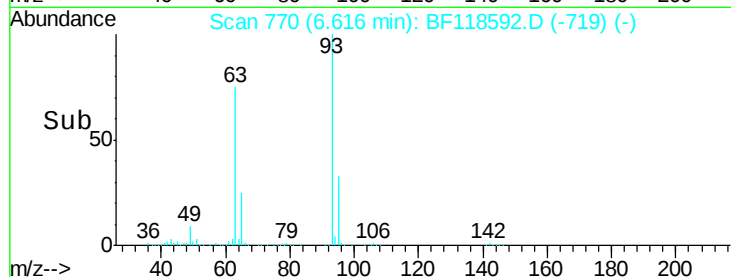
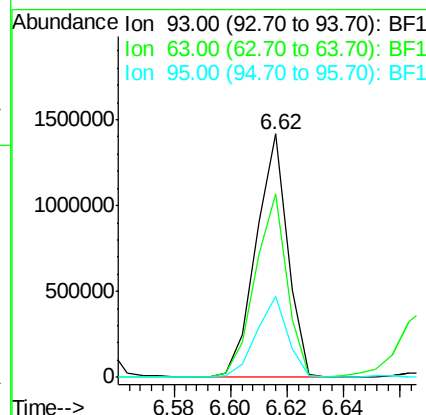
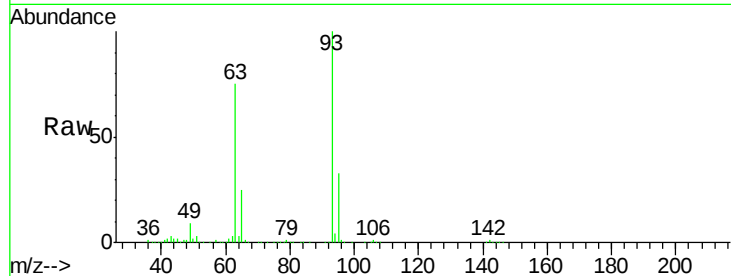
#11
bis(2-Chloroethyl)ether
Concen: 41.794 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	56.3	96.3
95	33.5	13.3	53.3

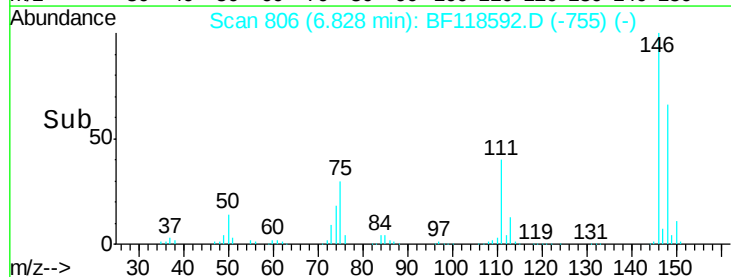
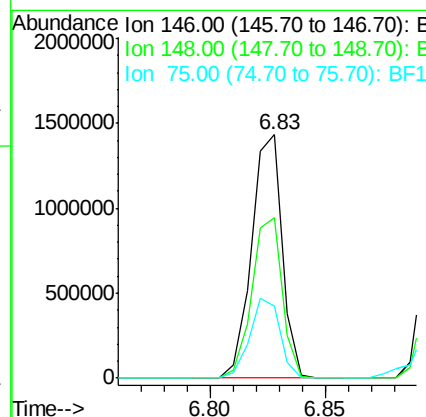
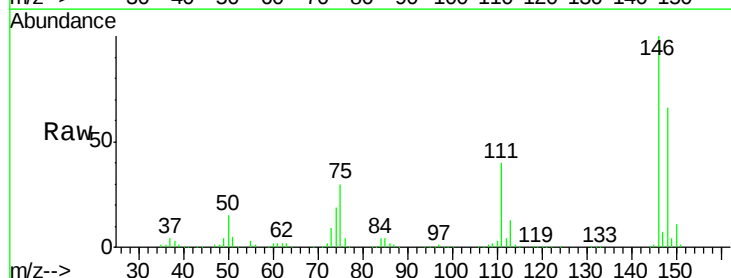
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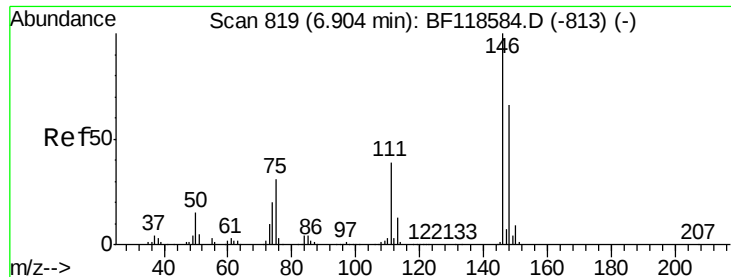
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.128 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.0	79.6
75	29.8	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 42.180 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1335897

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

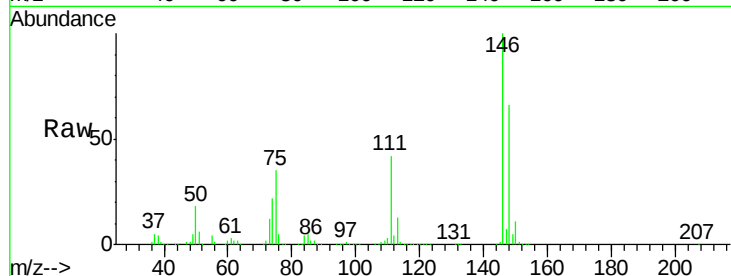
111 41.5 31.6 47.4

Manual Integrations

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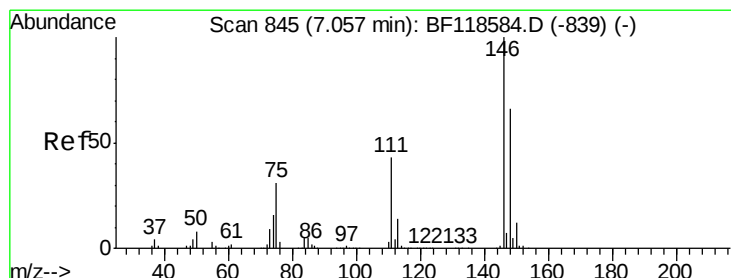
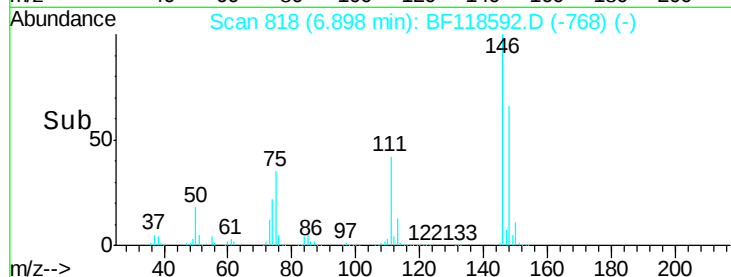
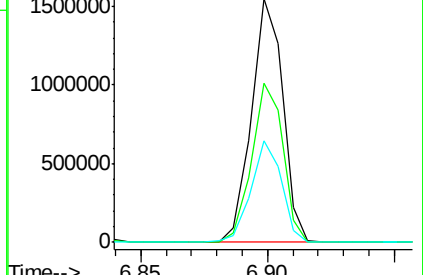
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.812 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:146 Resp: 1274612

Ion Ratio Lower Upper

146 100

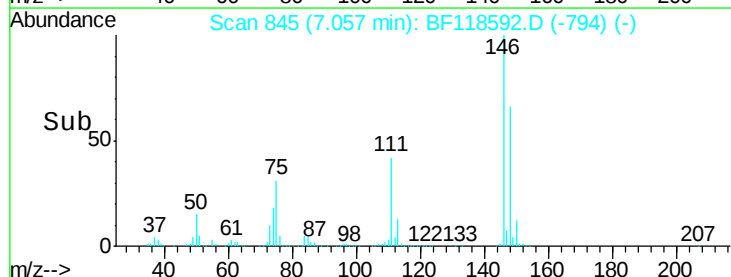
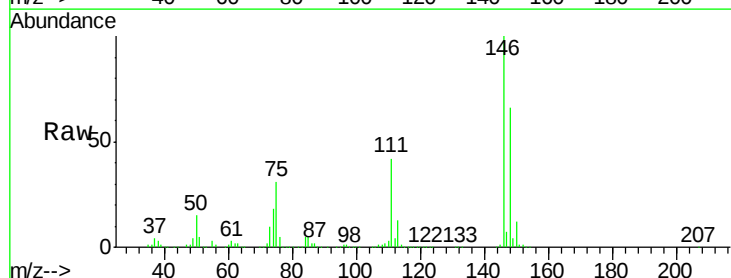
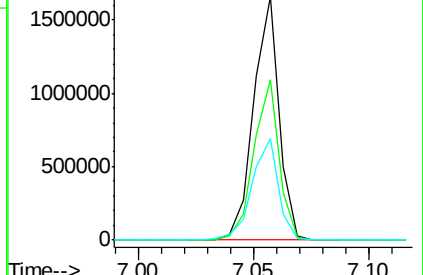
148 65.9 52.7 79.1

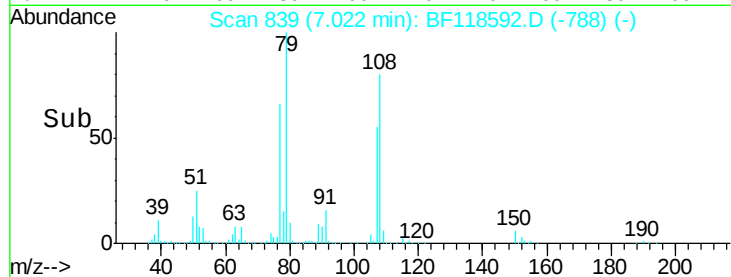
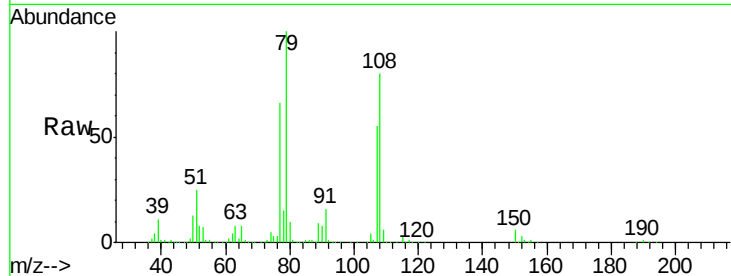
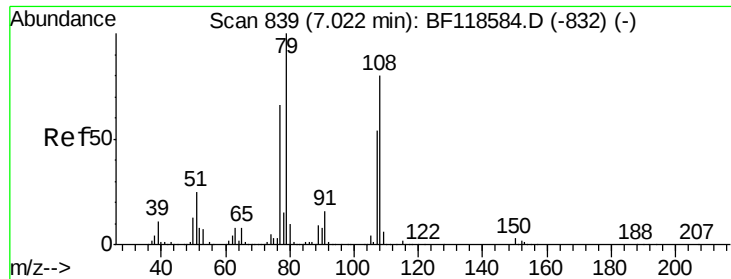
111 41.8 34.6 52.0

Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.293 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tot Ion:	79	Resp:	1046900
Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.6	95.4
77	65.7	52.5	78.7

Instrument :

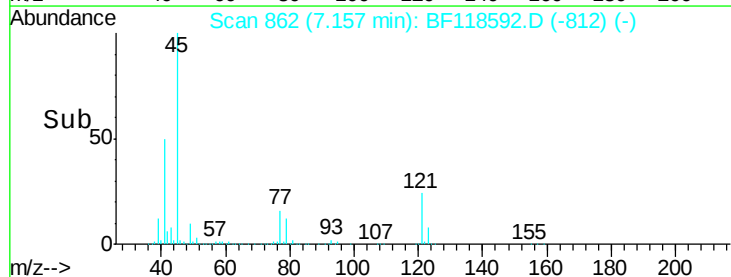
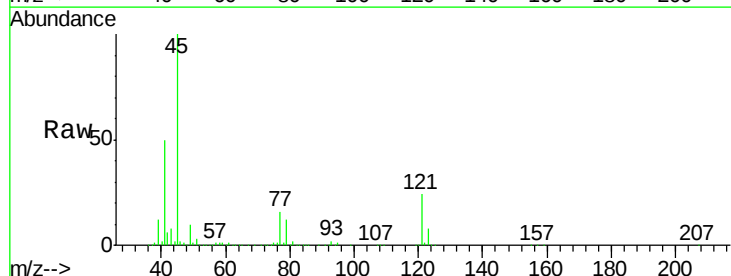
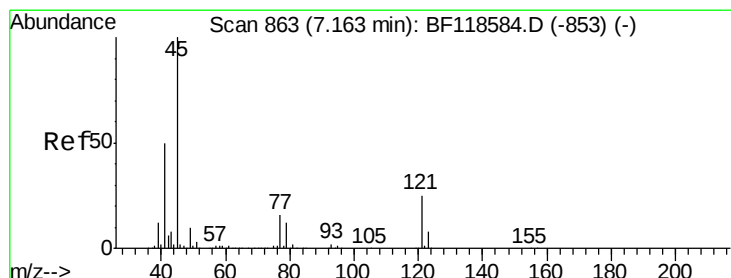
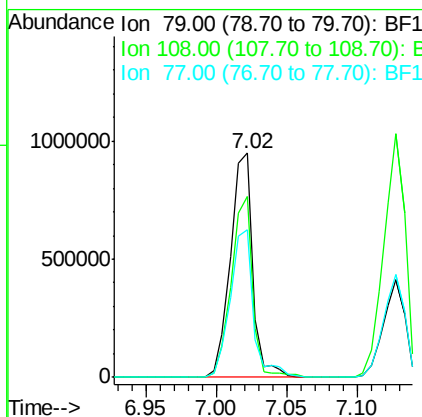
BNA_F

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.191 ng

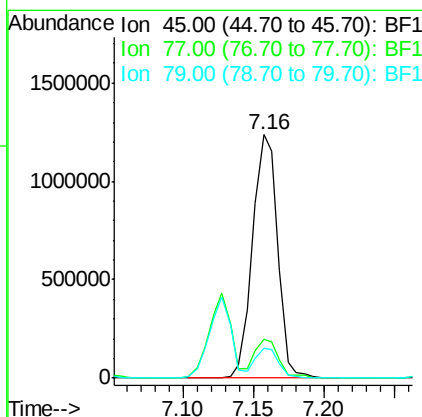
RT: 7.16 min Scan# 862

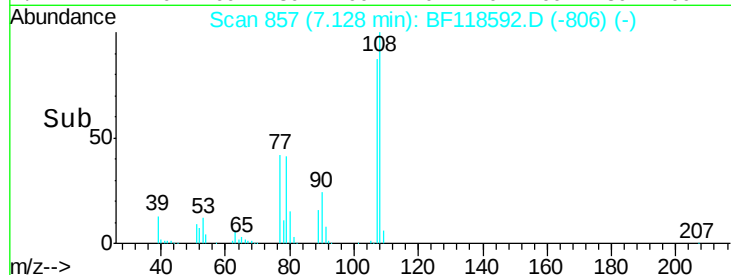
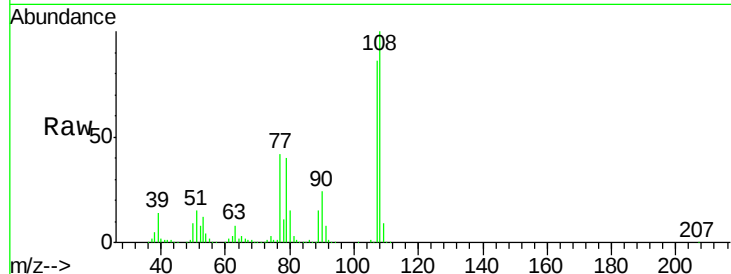
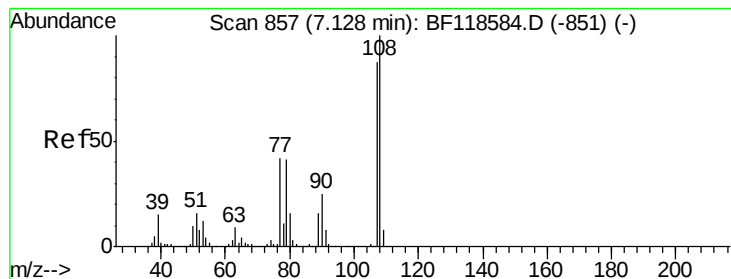
Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	45	Resp:	1550979
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	36.1
79	12.0	0.0	32.4





#17

2-Methylphenol

Concen: 42.029 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tot Ion:	107	Resp:	943690
Ion Ratio	Lower	Upper	
107	100		
108	115.6	91.5	137.3
77	48.7	38.7	58.1
79	46.6	37.7	56.5

Instrument :

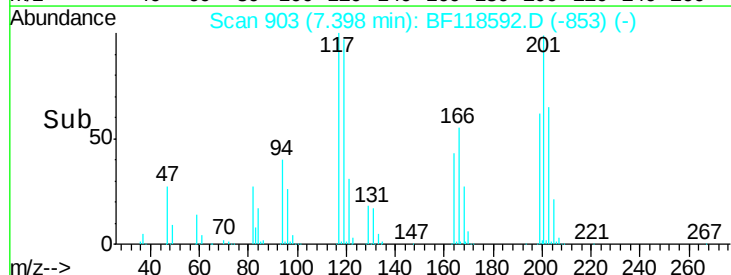
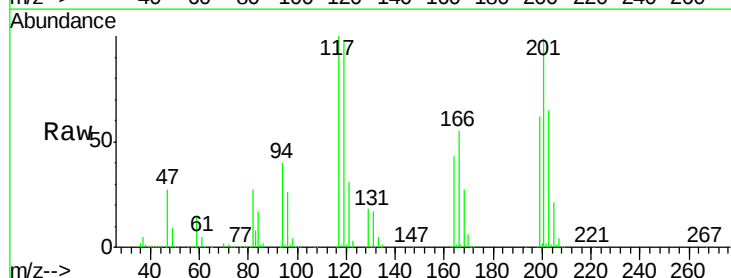
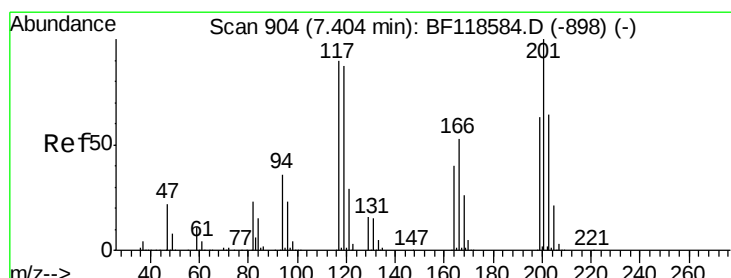
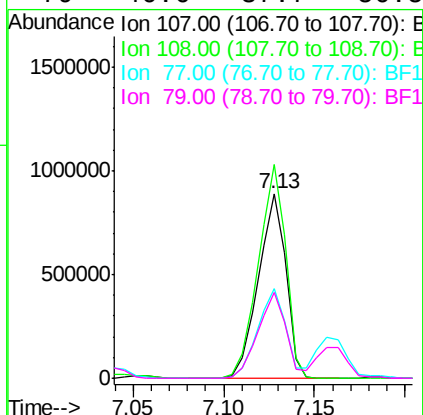
BNA_F

ClientSampleId :

SSTDCCC040

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#18

Hexachloroethane

Concen: 42.215 ng

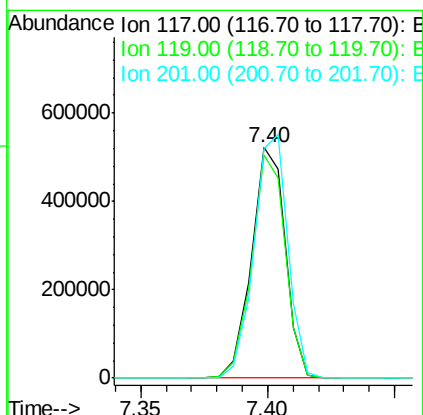
RT: 7.40 min Scan# 903

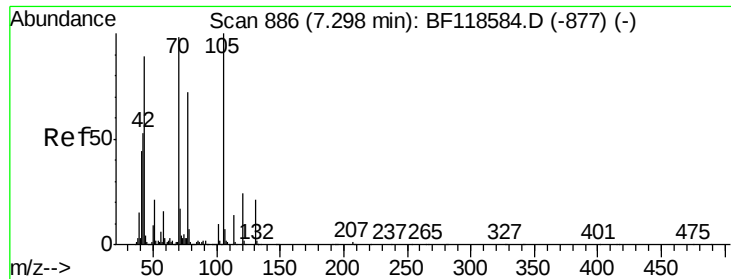
Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	117	Resp:	484802
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.6	116.4
201	99.5	88.8	133.2





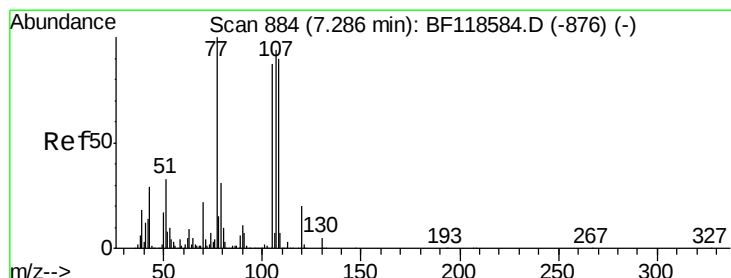
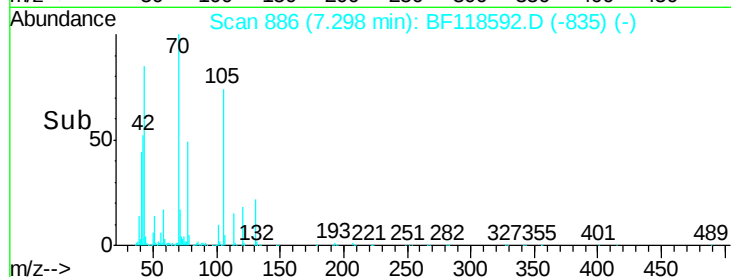
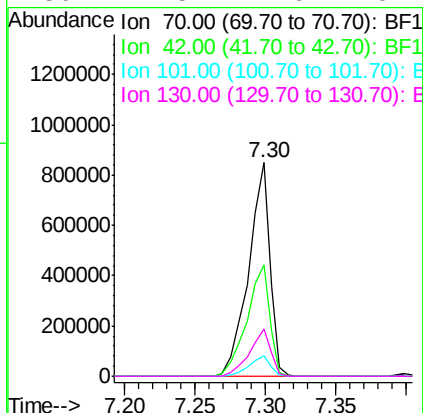
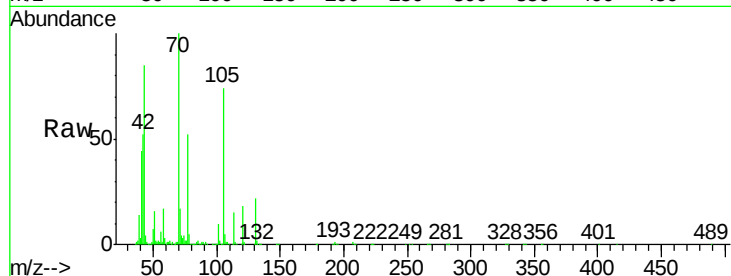
#19
n-Nitroso-di-n-propylamine
Concen: 42.792 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	43.4	65.0	
101	9.8	8.1	12.1	
130	22.5	17.6	26.4	

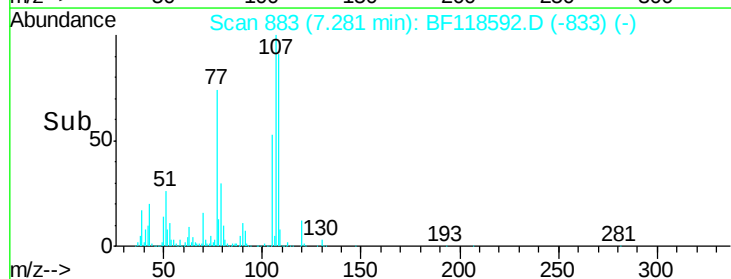
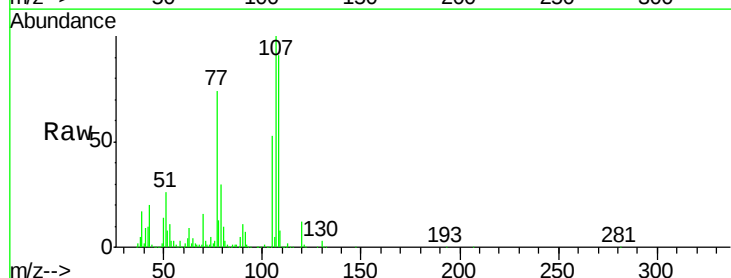
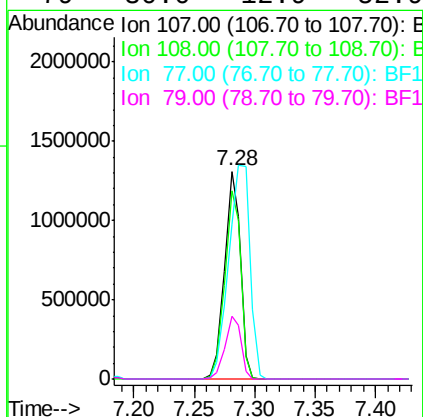
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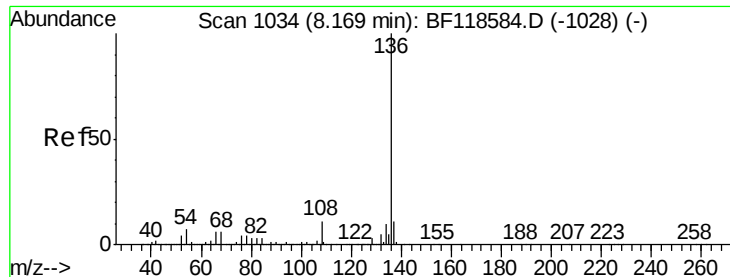
mohammad
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#20
3+4-Methylphenols
Concen: 43.324 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	75.8	115.8	
77	74.5	86.5	126.5#	
79	30.0	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1655757

Ion Ratio Lower Upper

136 100

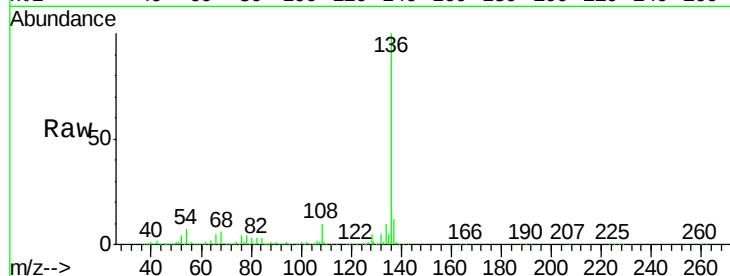
137 11.5 9.1 13.7

54 6.9 5.8 8.6

68 6.0 5.0 7.4

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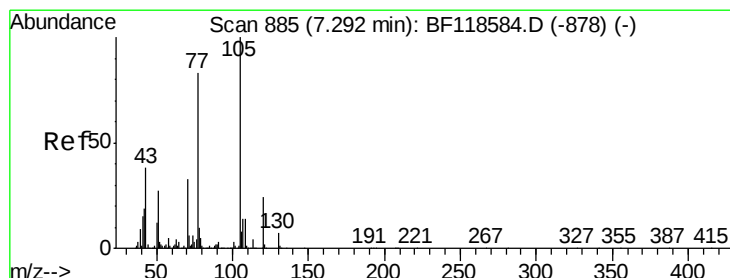
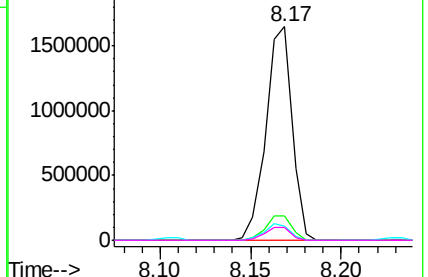
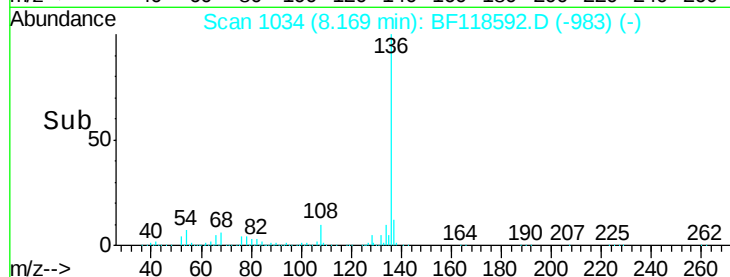
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



#22

Acetophenone

Concen: 42.269 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:105 Resp: 1657933

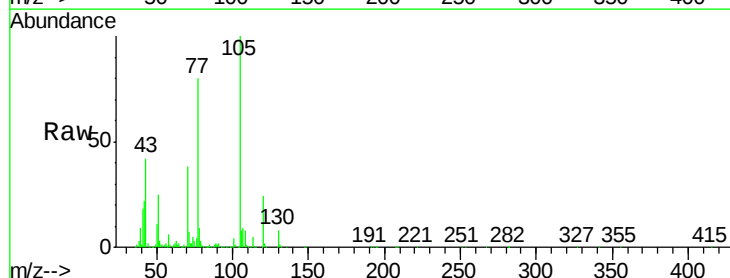
Ion Ratio Lower Upper

105 100

71 6.7 4.5 6.7

51 25.5 21.5 32.3

120 24.4 19.0 28.6



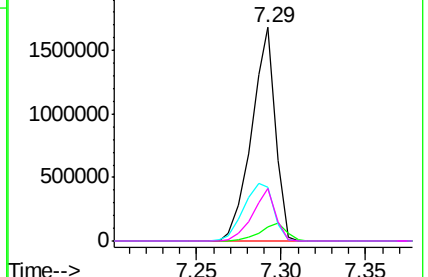
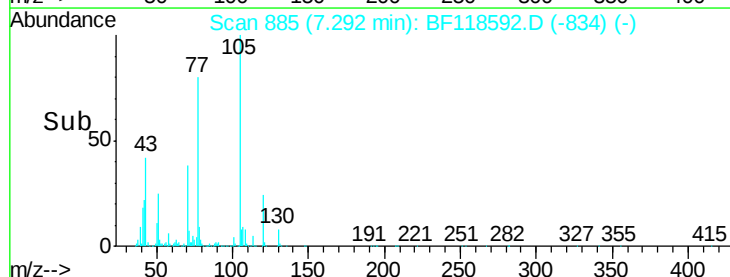
Abundance Ion 105.00 (104.70 to 105.70): E

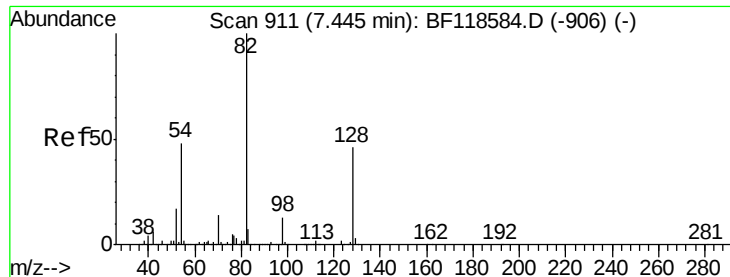
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->





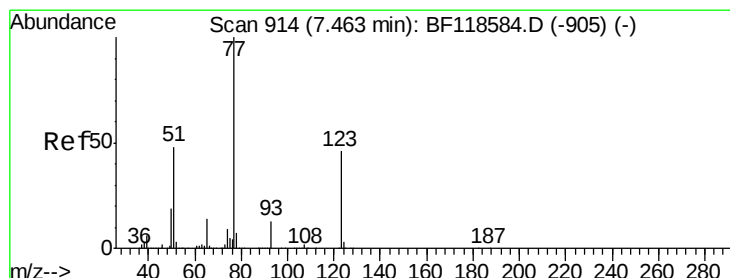
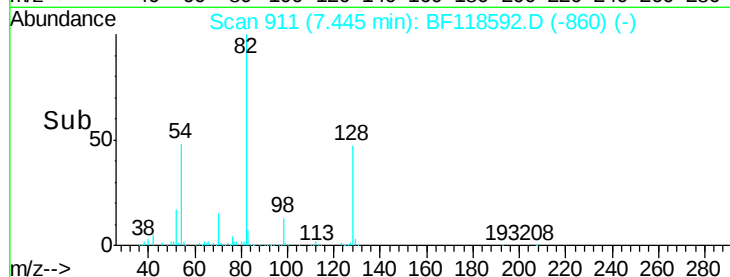
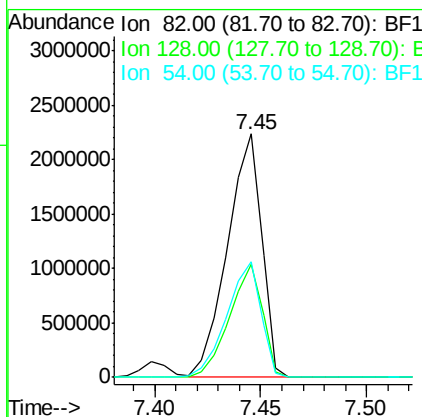
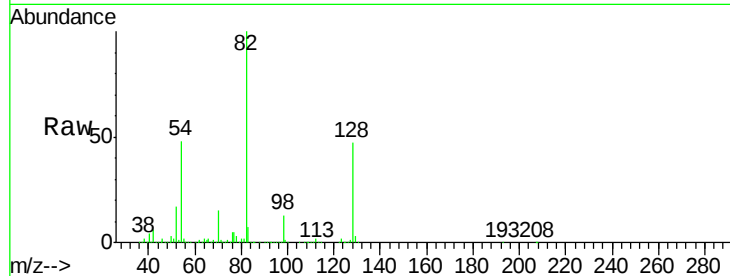
#23
Nitrobenzene-d5
Concen: 84.248 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.6	54.8
54	47.5	38.0	57.0

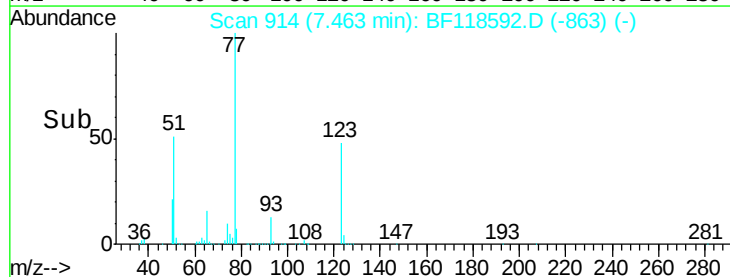
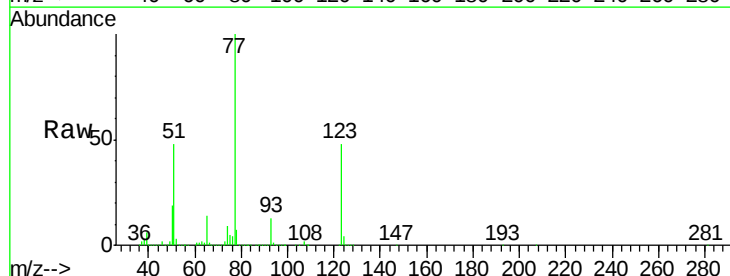
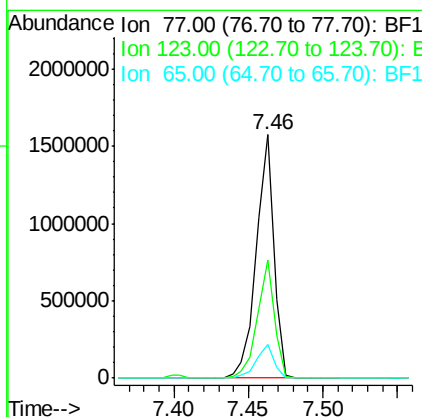
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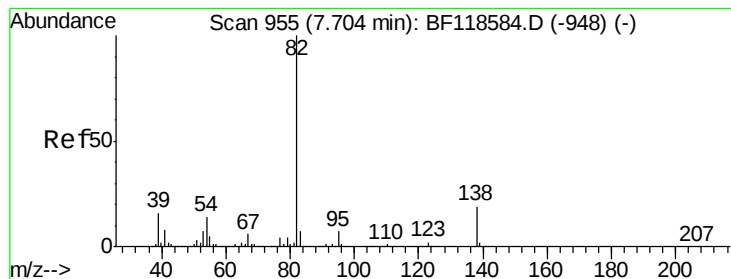
mohammad
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#24
Nitrobenzene
Concen: 42.052 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.4
65	13.9	11.1	16.7





#25

Isophorone

Concen: 41.273 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2228428

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

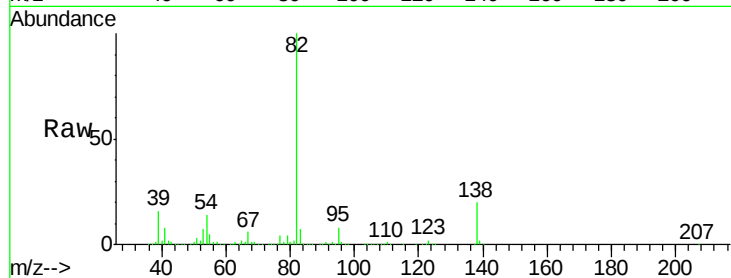
138 19.5 15.3 22.9

Manual Integrations

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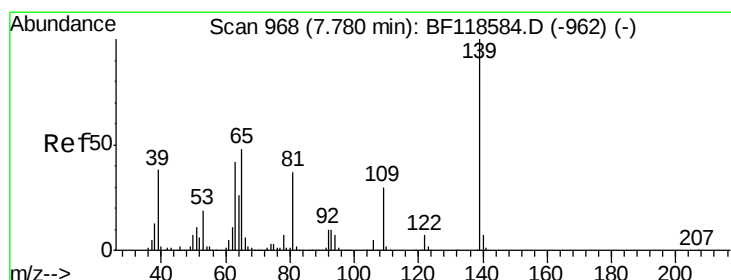
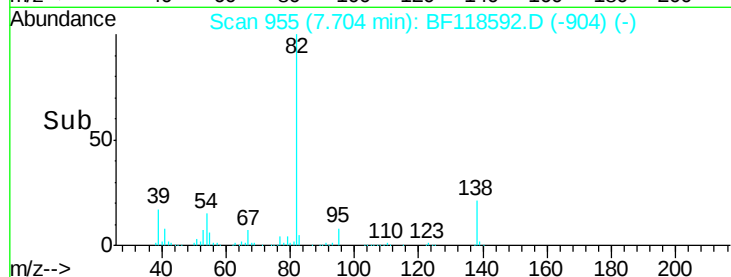
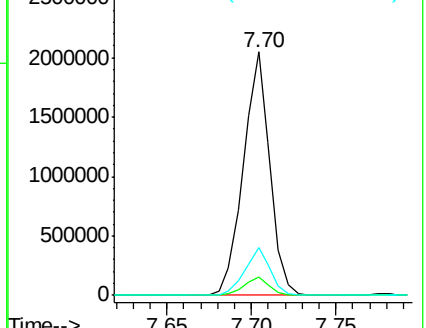
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.055 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

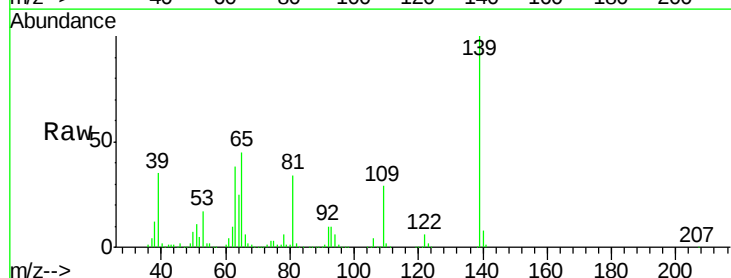
Tgt Ion: 139 Resp: 556514

Ion Ratio Lower Upper

139 100

109 28.6 23.8 35.8

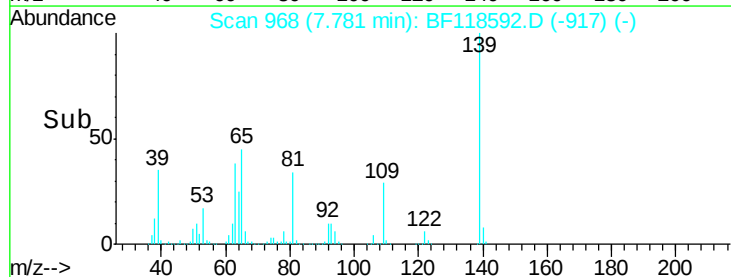
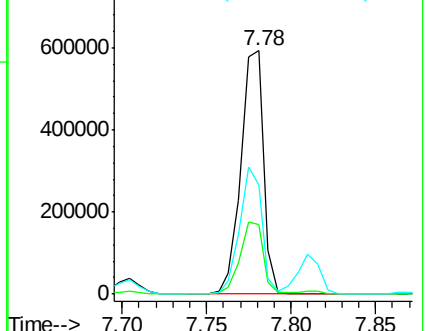
65 44.7 38.5 57.7

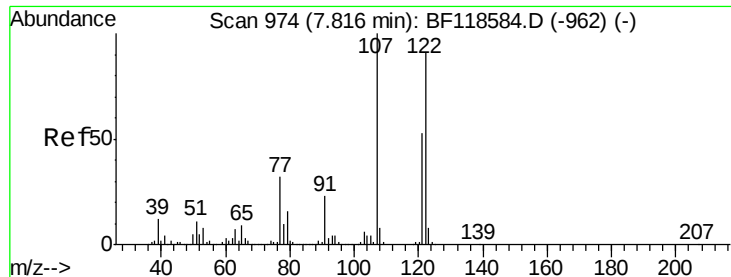


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.152 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

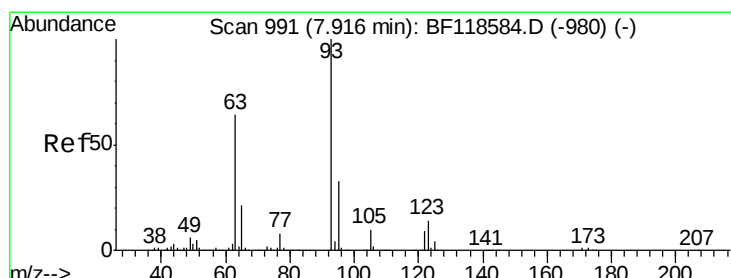
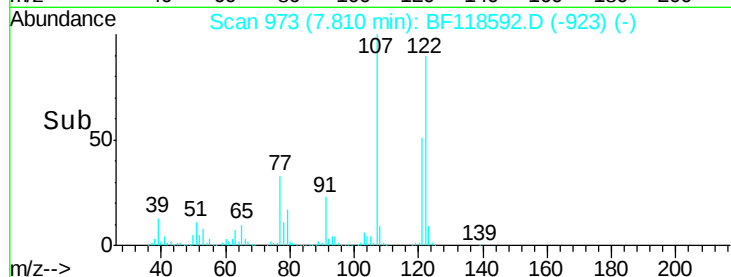
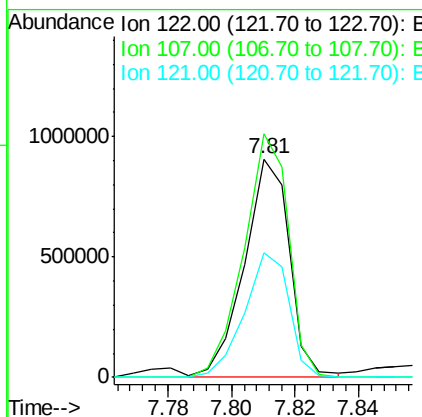
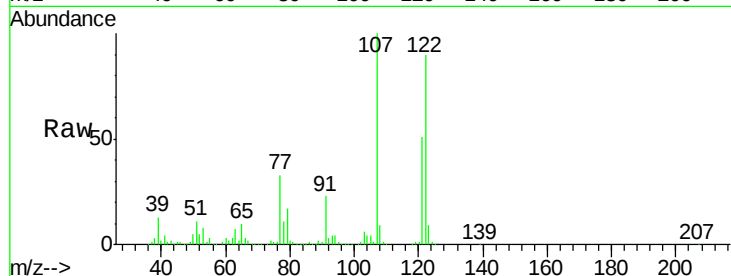
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	896198
Ion Ratio	Lower	Upper	
122	100		
107	111.4	88.0	132.0
121	57.0	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.801 ng

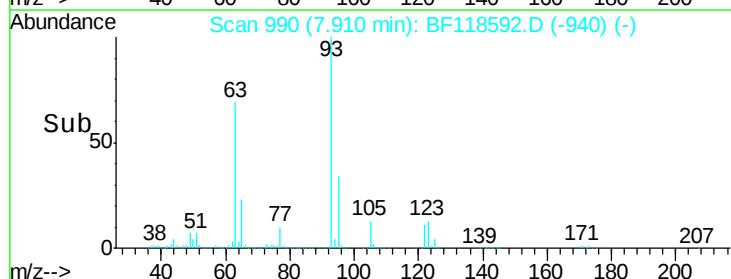
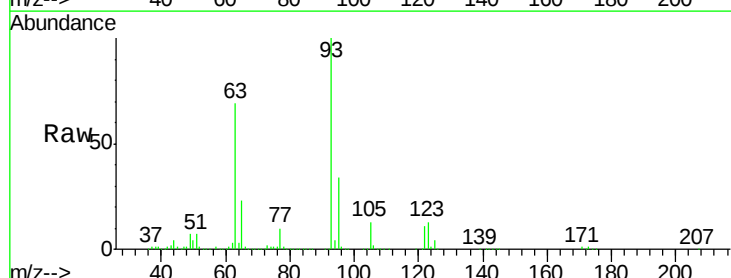
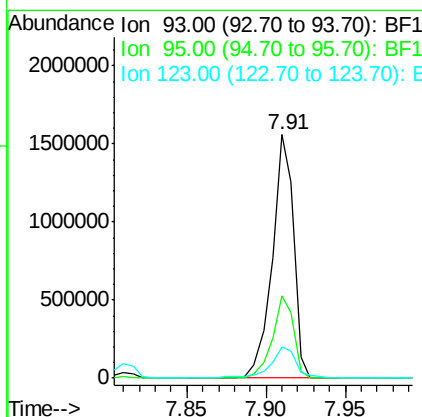
RT: 7.91 min Scan# 990

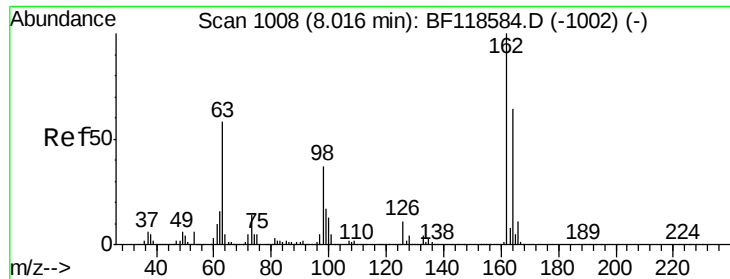
Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	93	Resp:	1454237
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.7	40.1
123	13.0	11.0	16.6





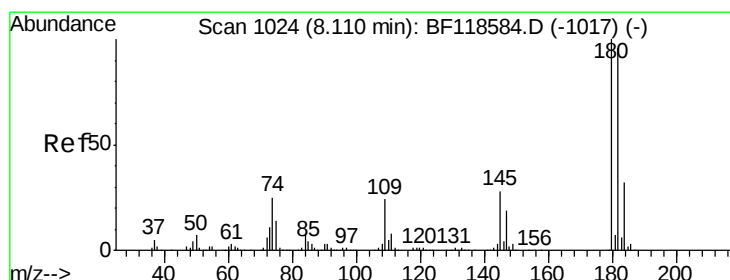
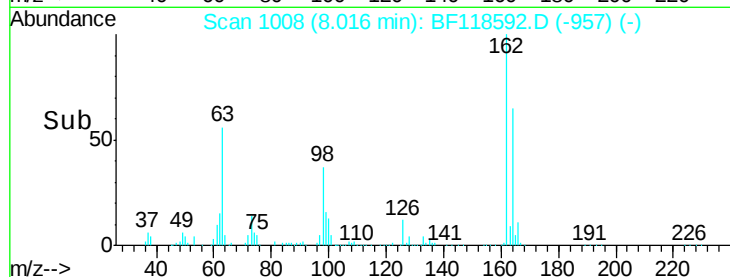
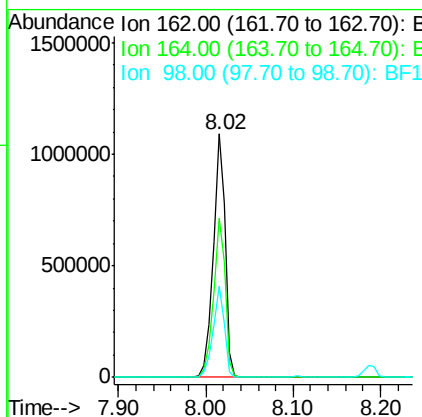
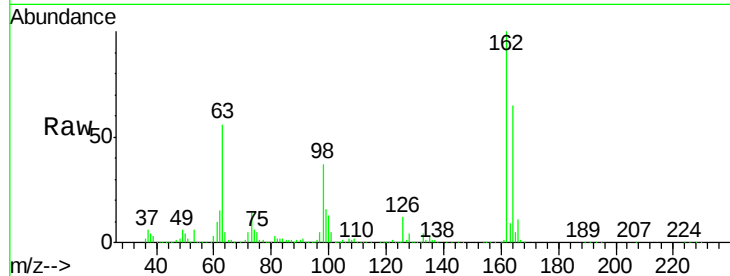
#29
2,4-Dichlorophenol
Concen: 41.730 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.3	84.3
98	37.4	17.5	57.5

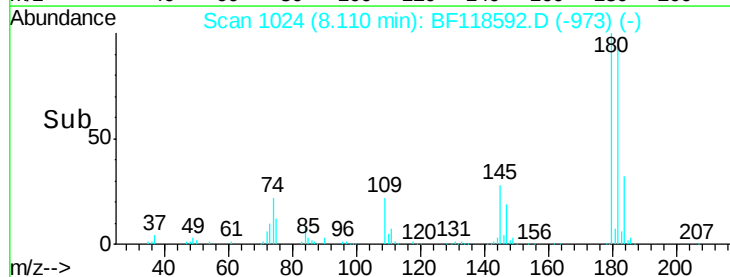
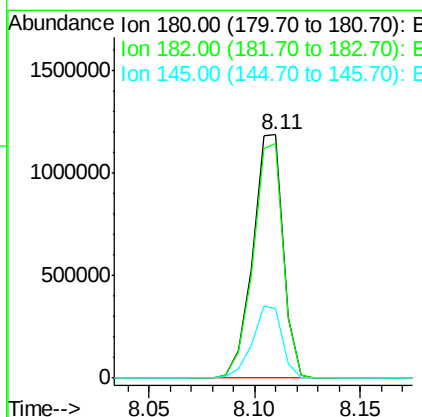
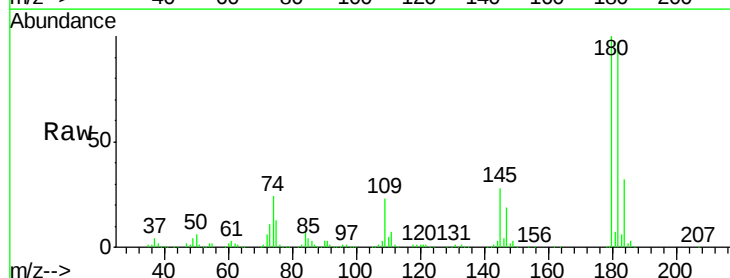
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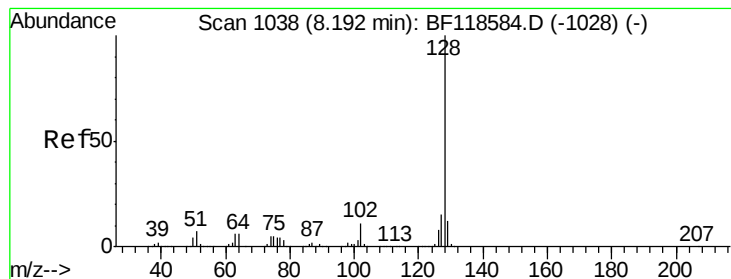
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.411 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.9	115.3
145	28.4	22.8	34.2





#31

Naphthalene

Concen: 43.017 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 3217488

Ion Ratio Lower Upper

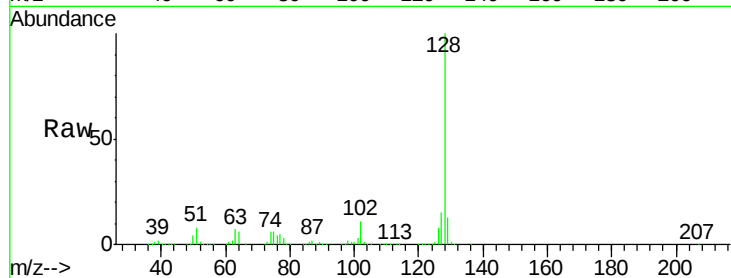
128 100

129 12.9 9.9 14.9

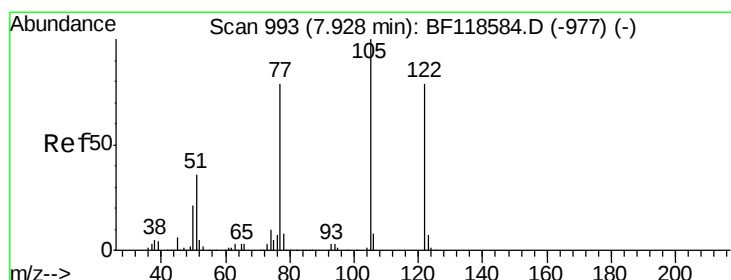
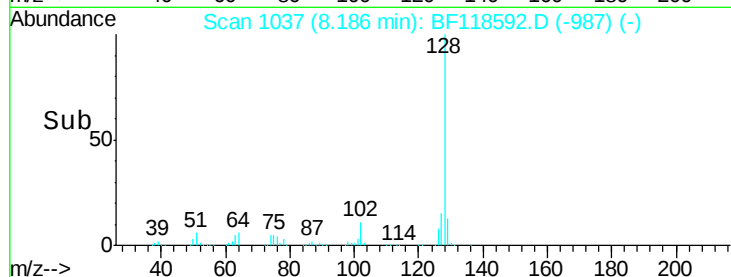
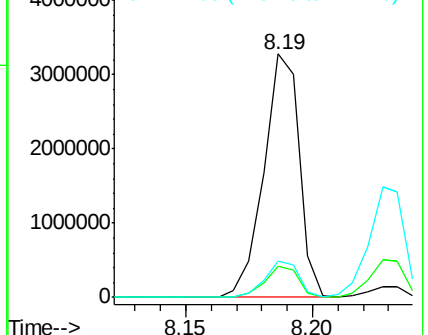
127 14.9 12.0 18.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.465 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

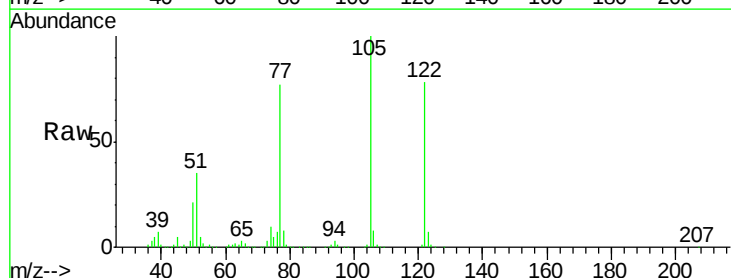
Tgt Ion:122 Resp: 728094

Ion Ratio Lower Upper

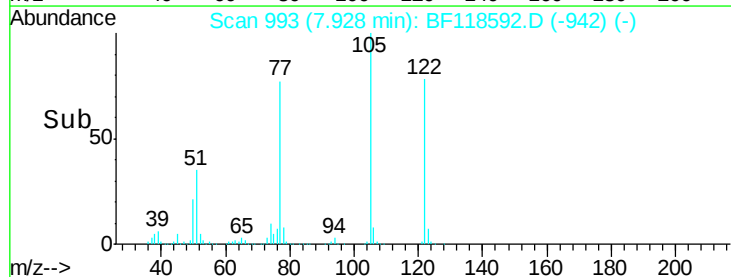
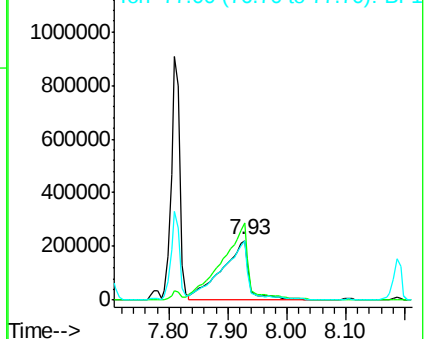
122 100

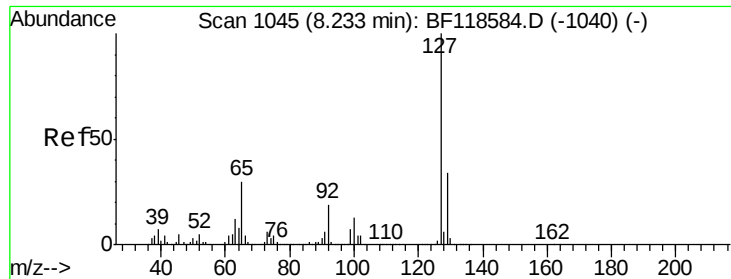
105 129.0 104.3 144.3

77 99.8 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





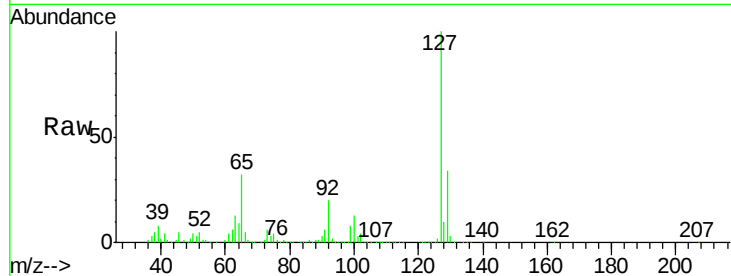
#33
4-Chloroaniline
Concen: 42.282 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

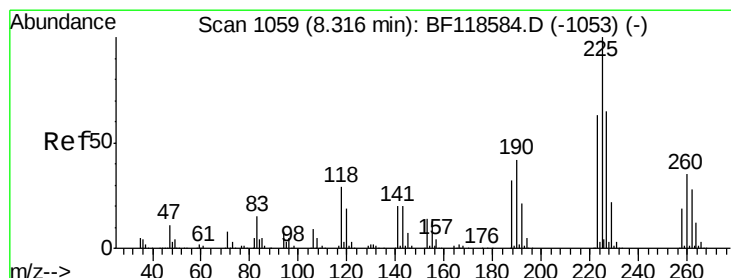
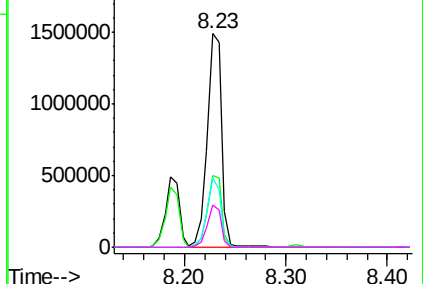
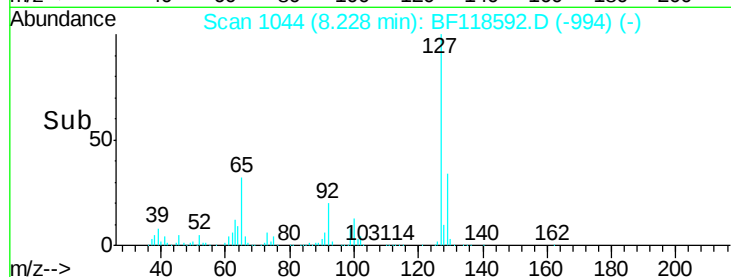
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1461709		
129	33.9	27.4	41.0		
65	32.5	23.6	35.4		
92	19.9	15.0	22.4		

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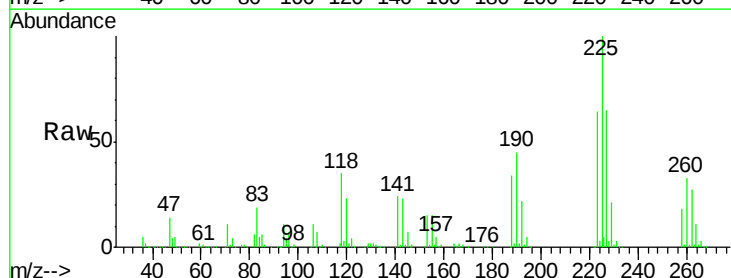


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

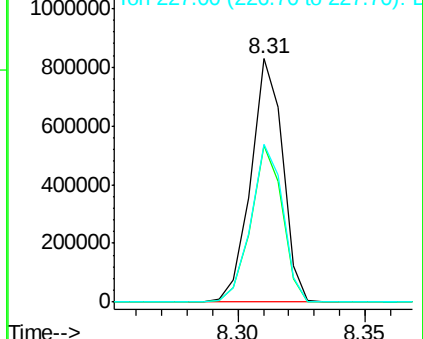
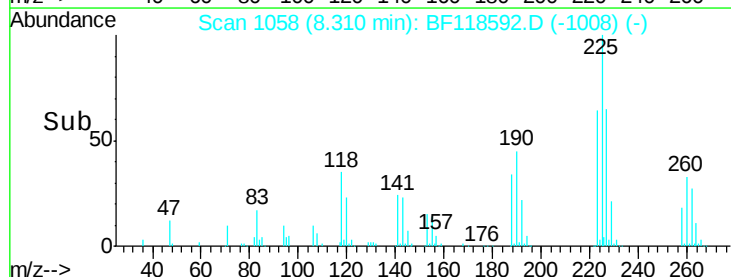


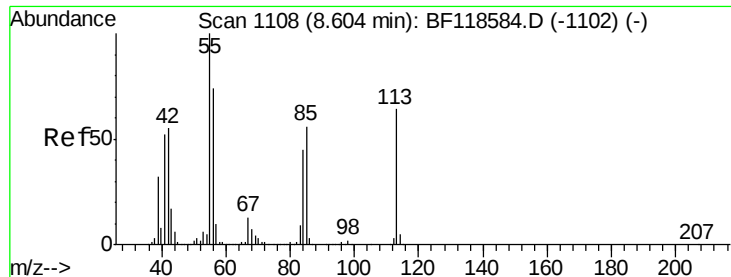
#34
Hexachlorobutadiene
Concen: 41.801 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		728271		
223	64.1	50.2	75.4		
227	64.6	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





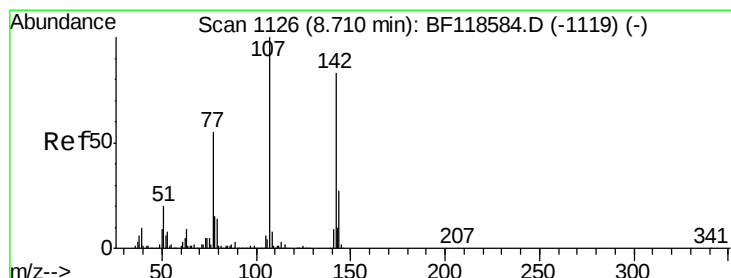
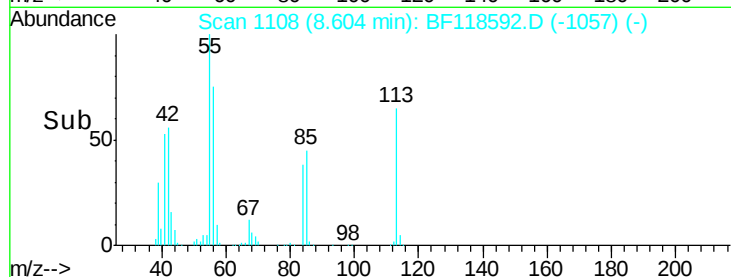
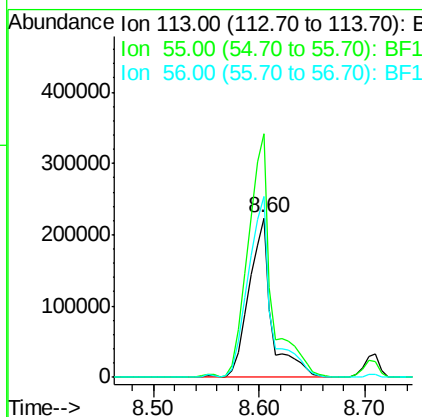
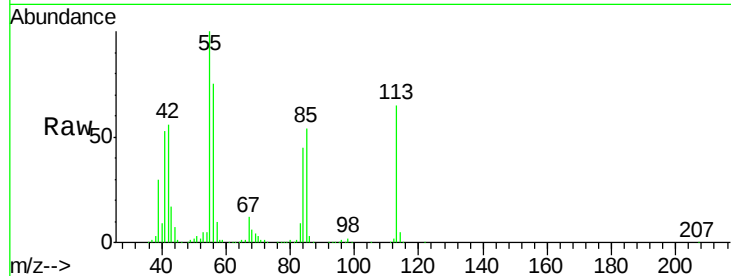
#35
 Caprolactam
 Concen: 41.594 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.8	136.1	176.1
56	113.9	95.2	135.2

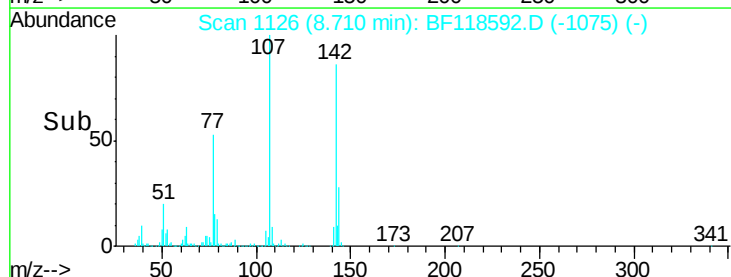
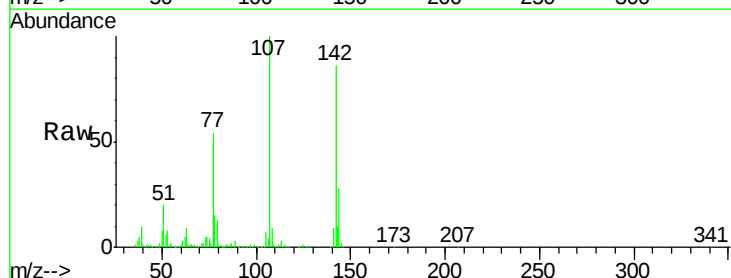
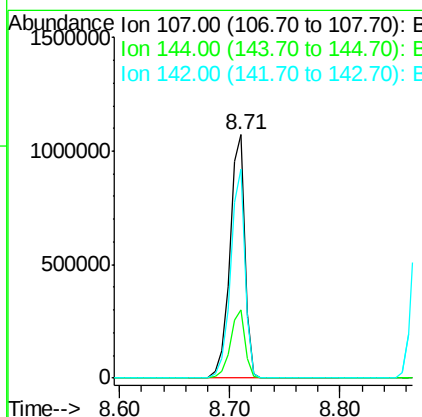
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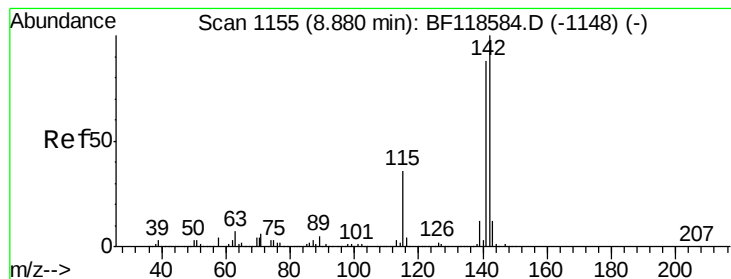
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#36
 4-Chloro-3-methylphenol
 Concen: 42.094 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.8	32.8
142	86.1	66.5	99.7





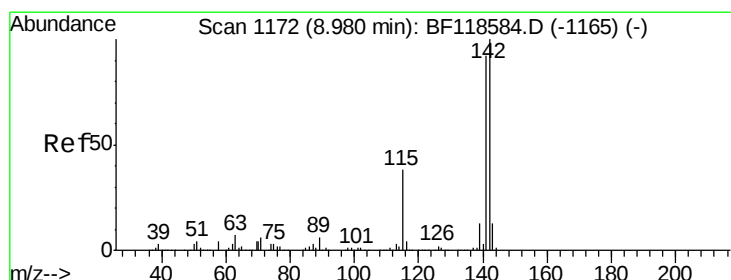
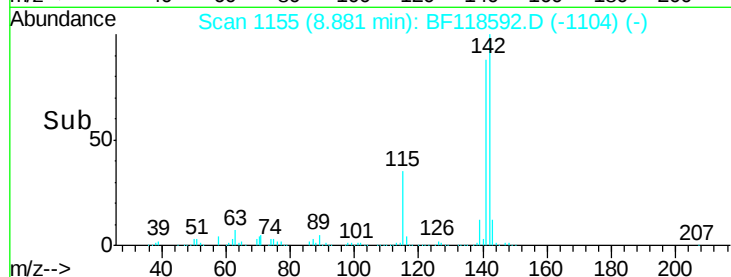
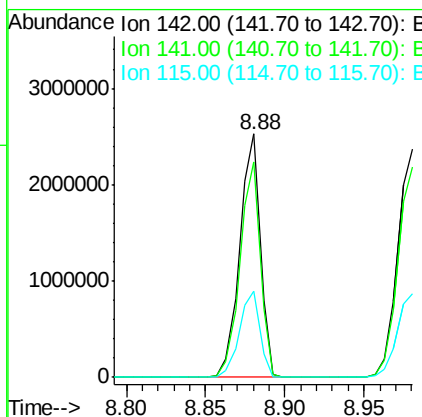
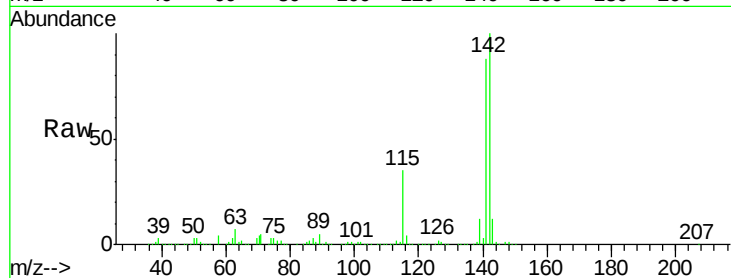
#37
 2-Methylnaphthalene
 Concen: 42.990 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 2269692
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.7 106.1
 115 35.5 28.5 42.7

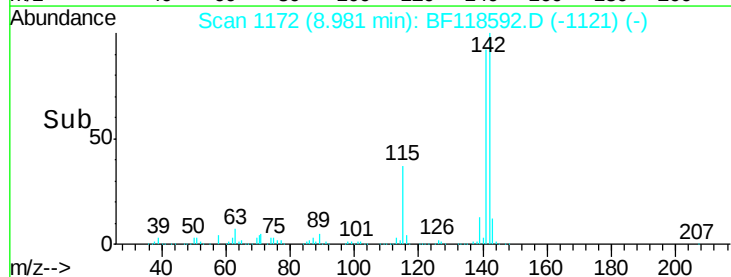
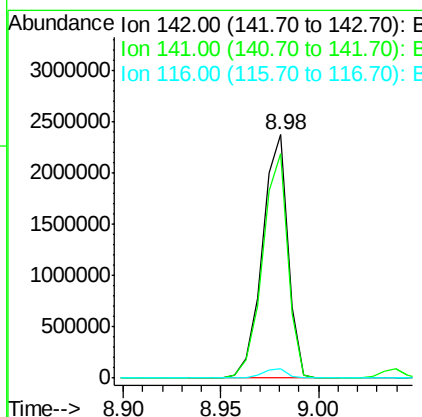
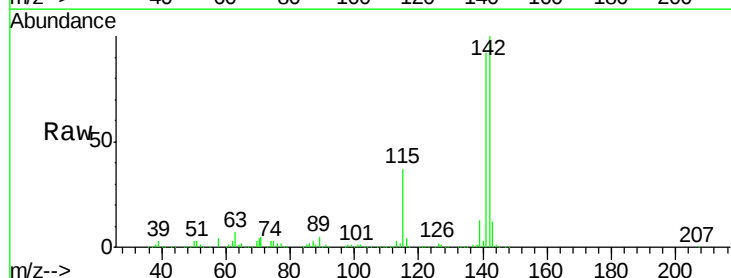
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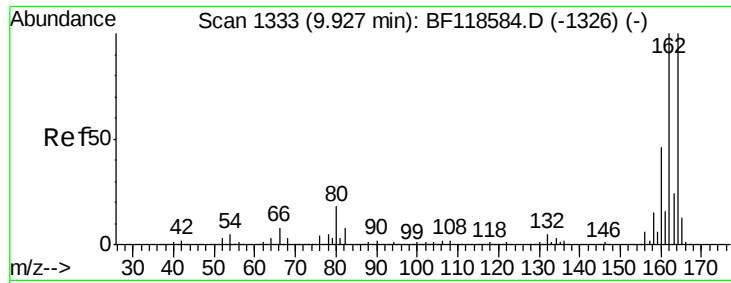
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#38
 1-Methylnaphthalene
 Concen: 42.968 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:142 Resp: 2155170
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.4 110.2
 116 3.9 3.3 4.9





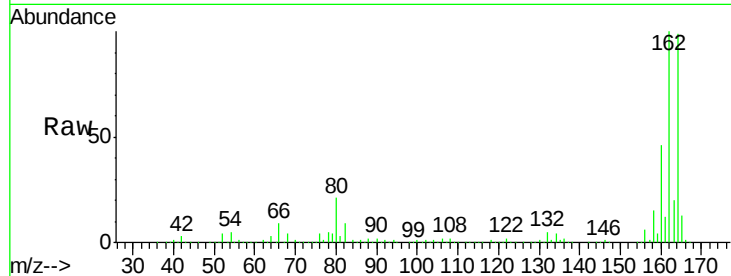
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.4	120.6
160	46.2	36.6	55.0

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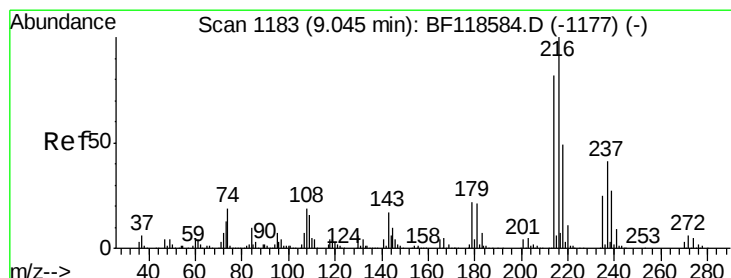
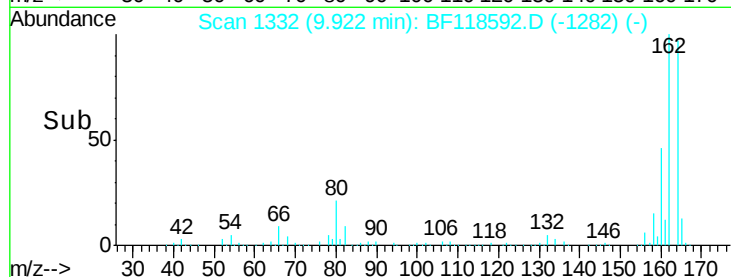
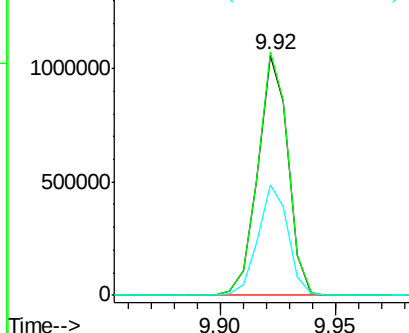


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.512 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.2	96.2
179	20.5	16.6	25.0
108	18.1	14.4	21.6

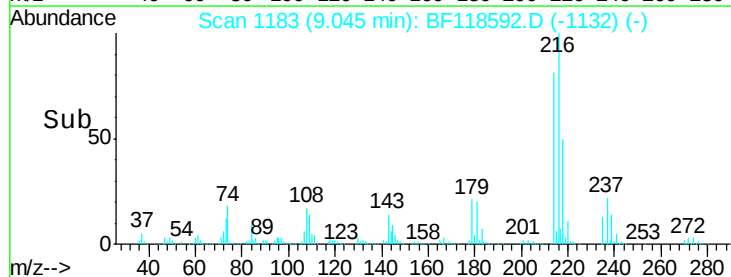
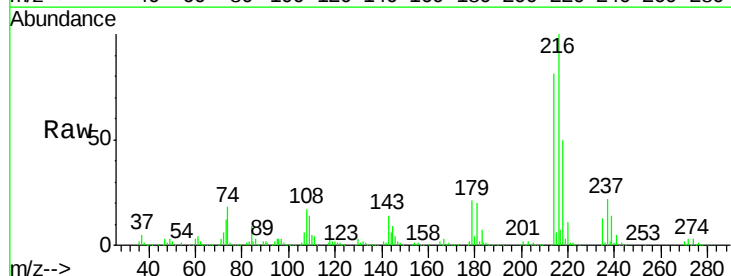
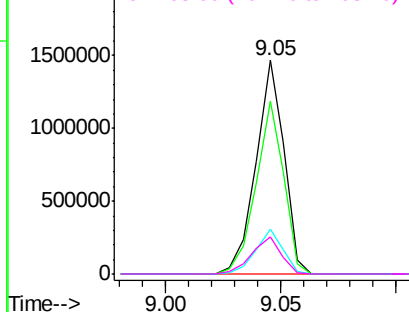
Abundance

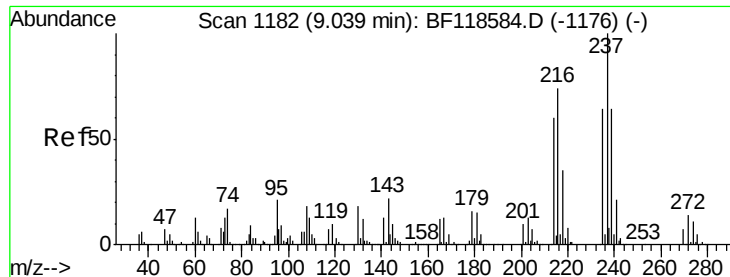
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.218 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

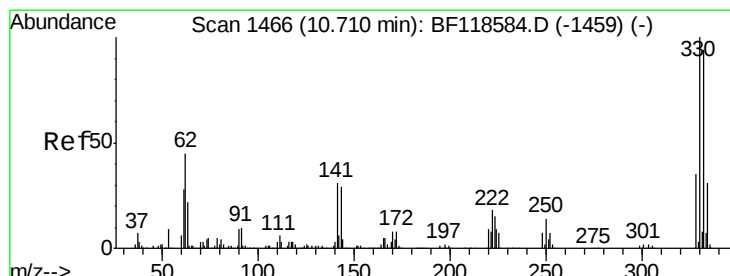
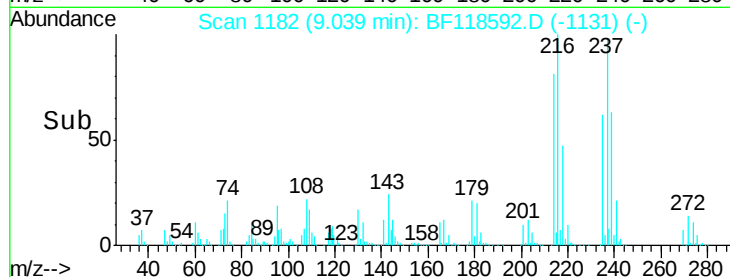
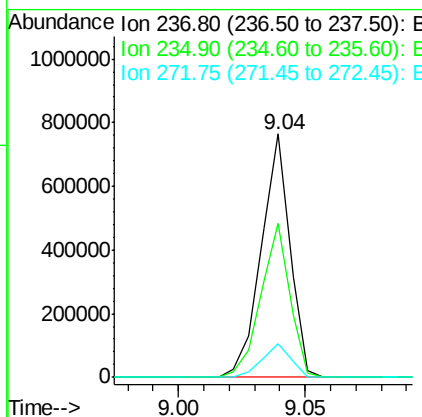
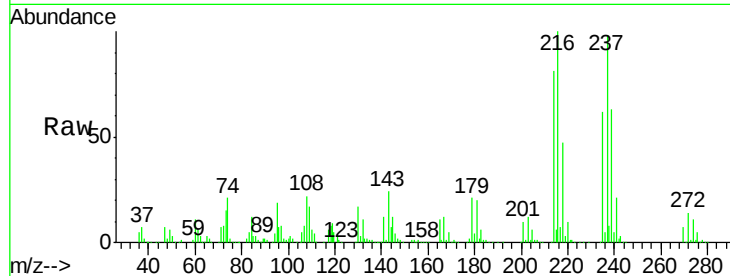
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	610789
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.0	84.0
272	14.1	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 88.107 ng

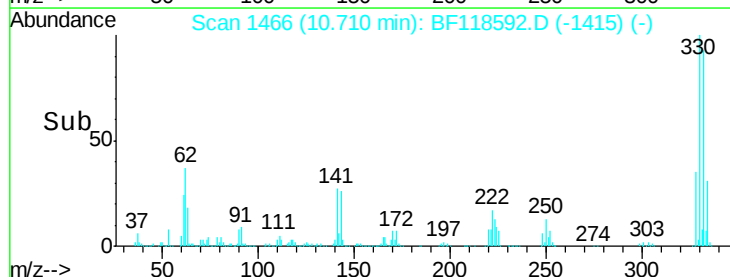
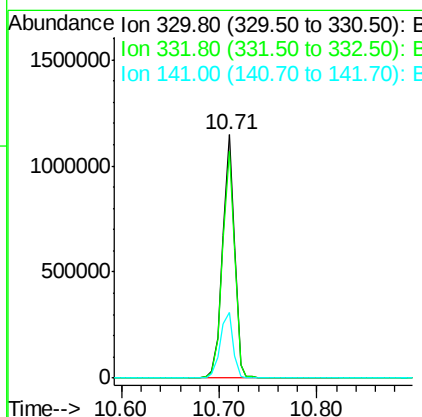
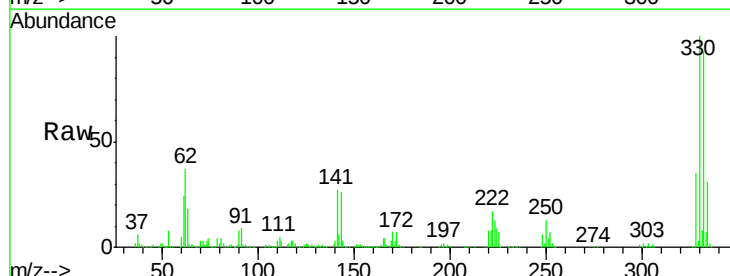
RT: 10.71 min Scan# 1466

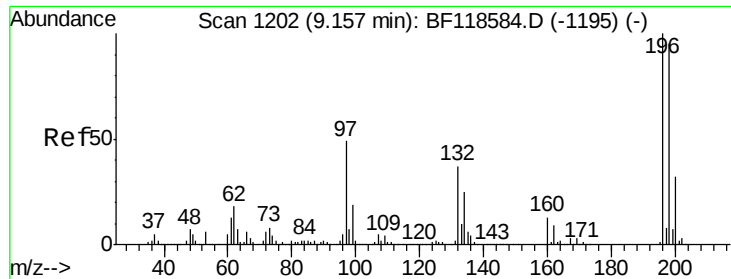
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	330	Resp:	980360
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.2	114.4
141	29.3	23.9	35.9





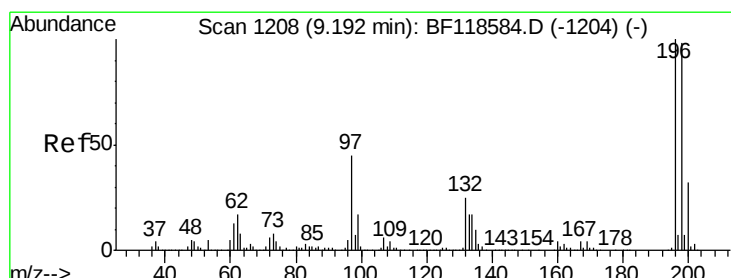
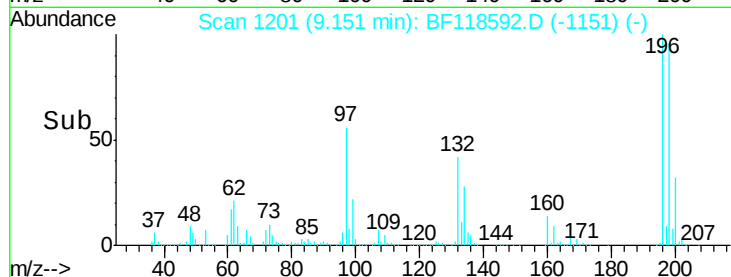
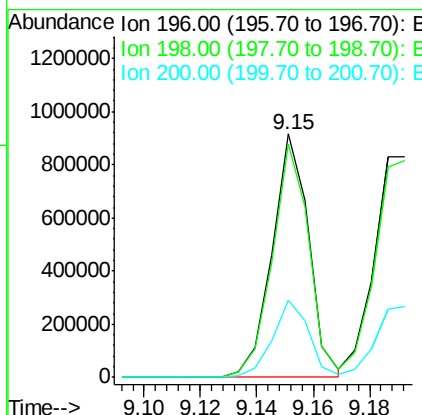
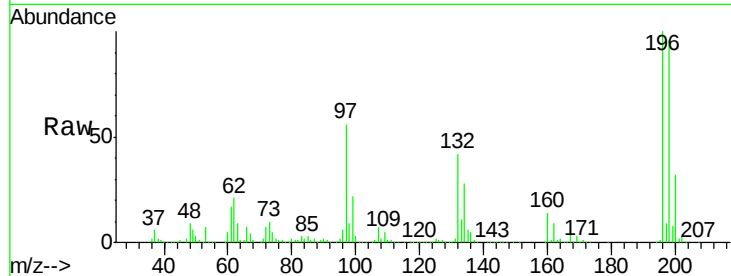
#43
 2,4,6-Trichlorophenol
 Concen: 41.133 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	821612		
198	96.1	76.3	114.5	
200	31.8	25.4	38.2	

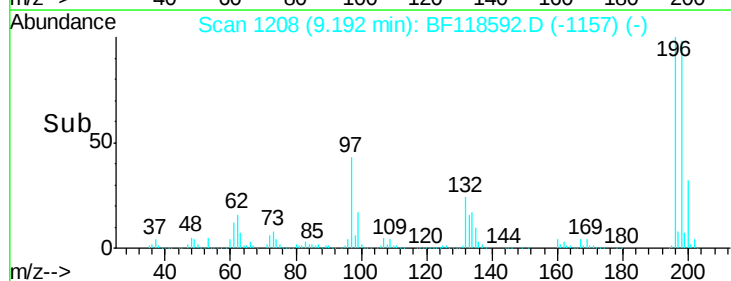
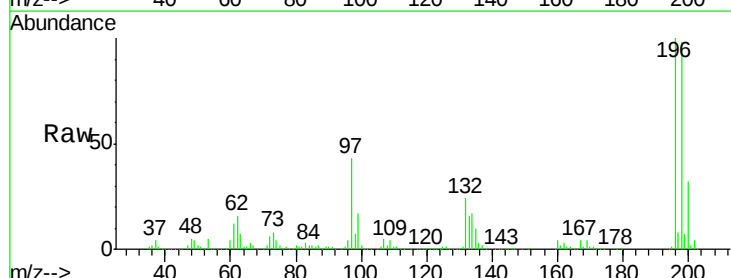
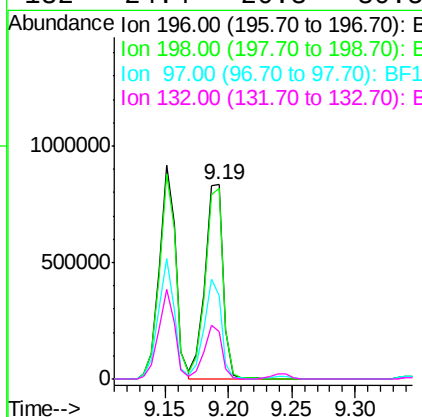
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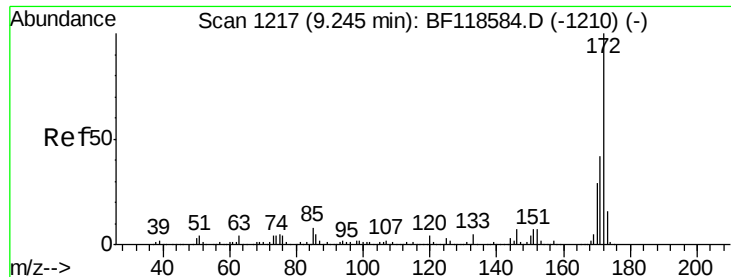
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.225 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	840990		
198	98.0	78.3	117.5	
97	43.0	35.9	53.9	
132	24.4	20.3	30.5	





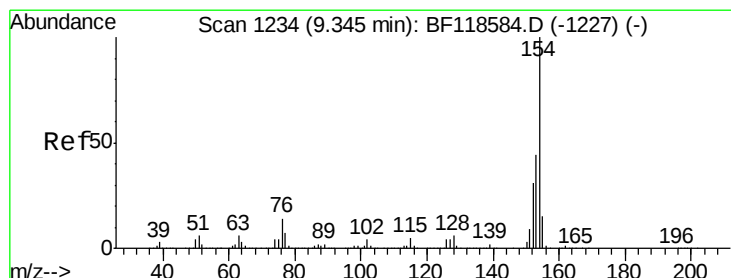
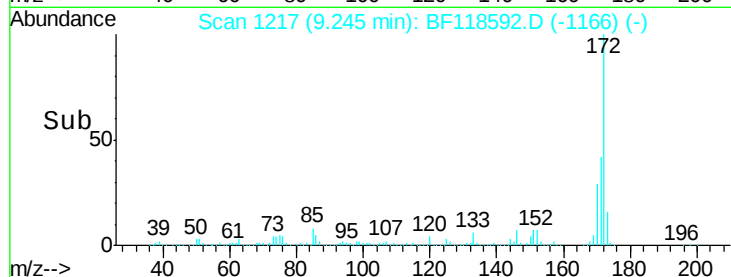
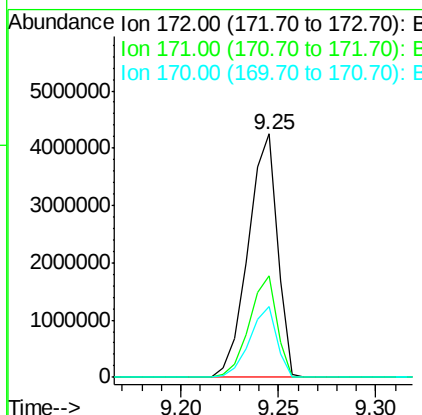
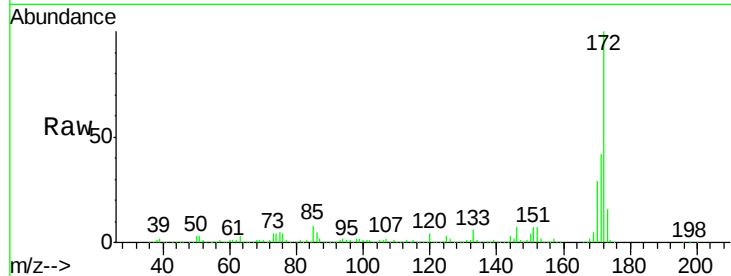
#45
2-Fluorobiphenyl
Concen: 75.423 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4414539
Ion Ratio Lower Upper
172 100
171 41.9 33.4 50.2
170 28.9 23.2 34.8

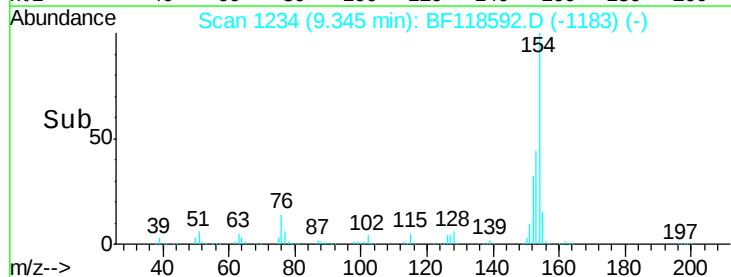
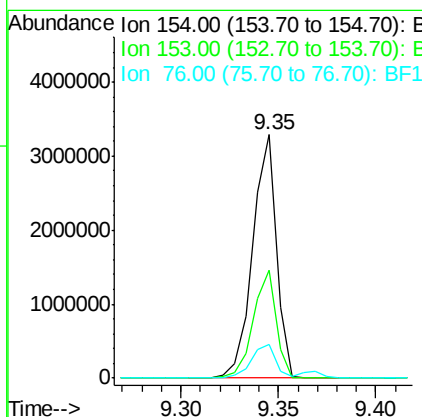
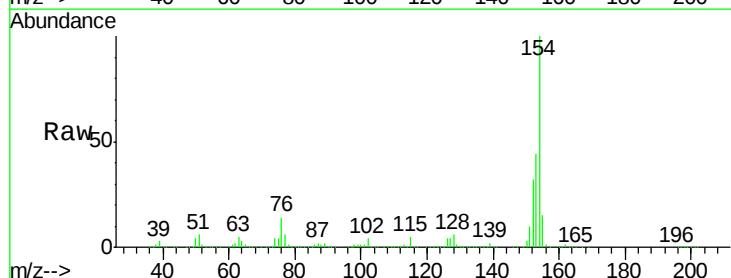
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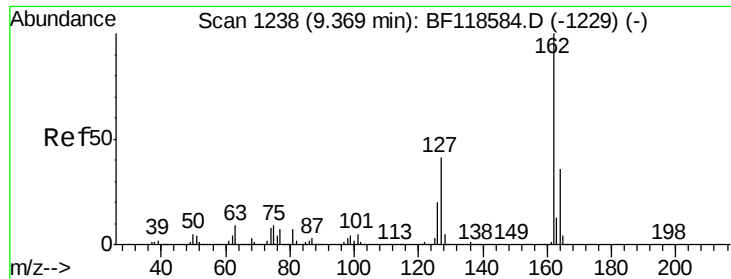
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#46
1,1'-Biphenyl
Concen: 41.901 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:154 Resp: 2778108
Ion Ratio Lower Upper
154 100
153 44.4 23.8 63.8
76 13.6 0.0 34.3





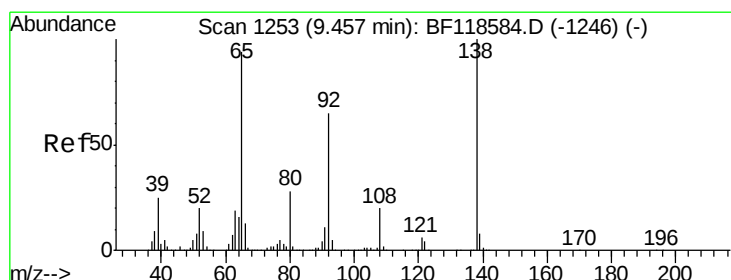
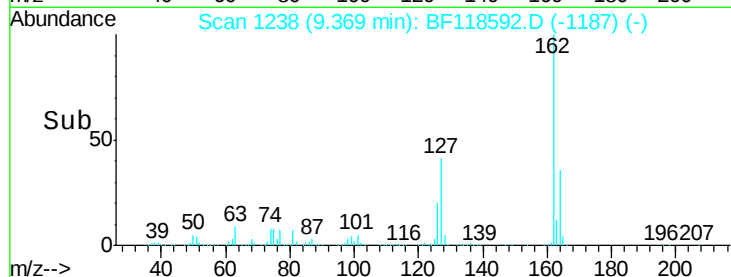
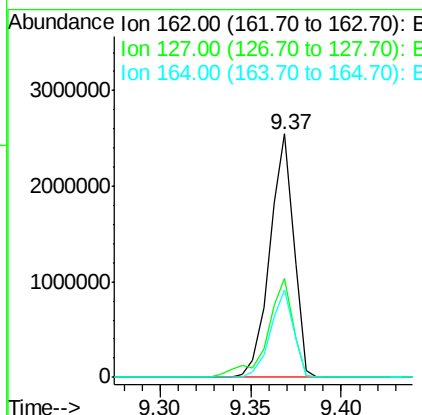
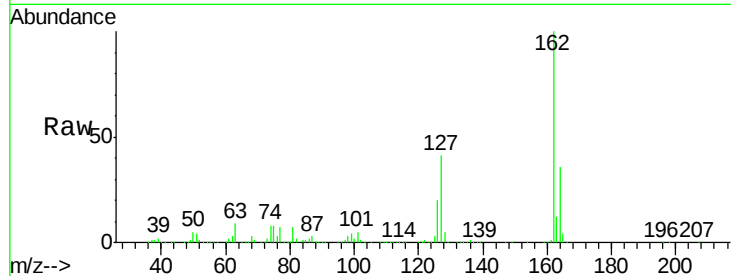
#47
 2-Chloronaphthalene
 Concen: 41.578 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.6
164	36.1	28.6	42.8

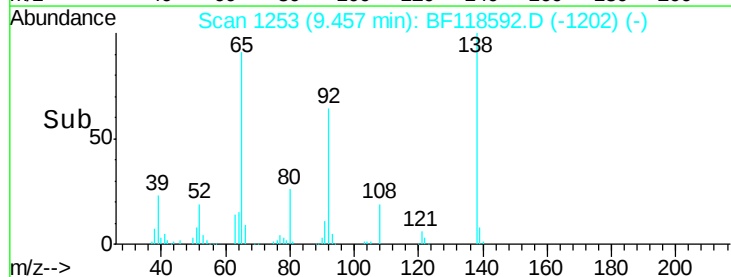
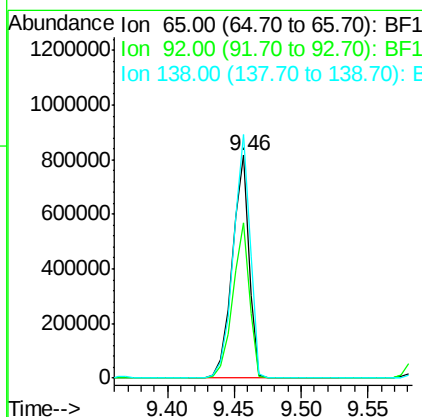
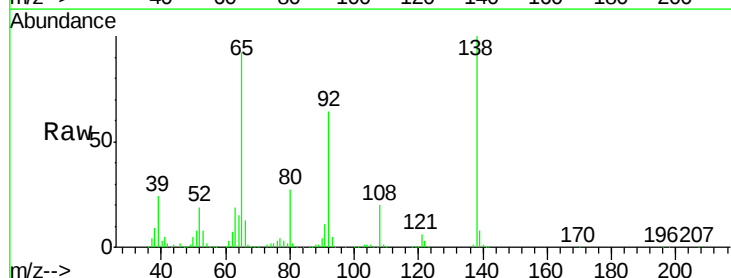
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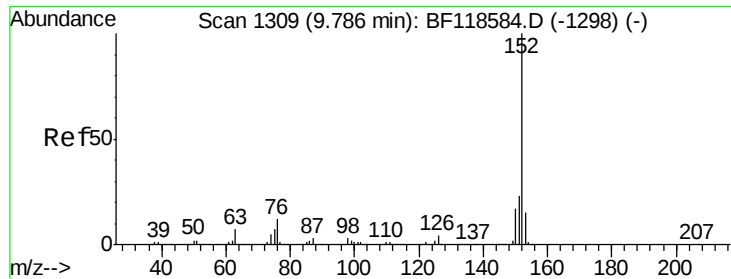
mohammad
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#48
 2-Nitroaniline
 Concen: 42.360 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.4	83.0
138	109.2	85.0	127.6





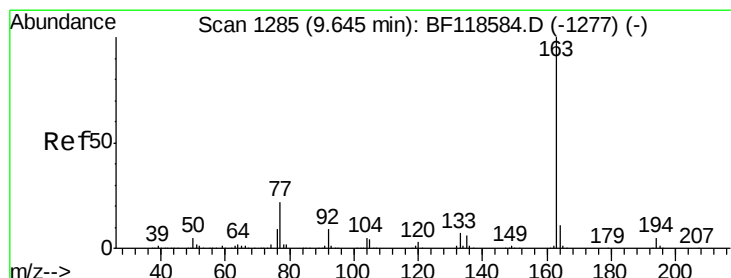
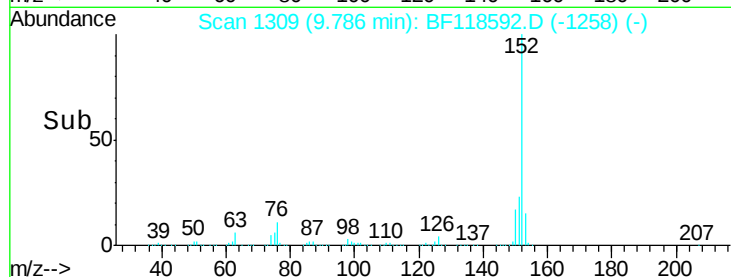
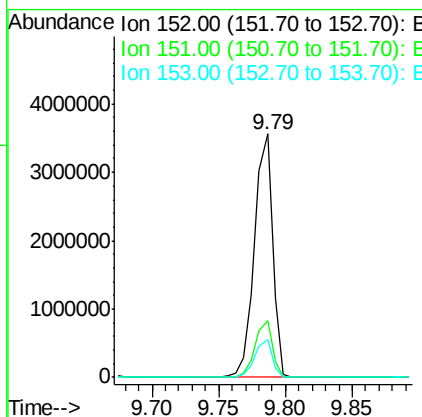
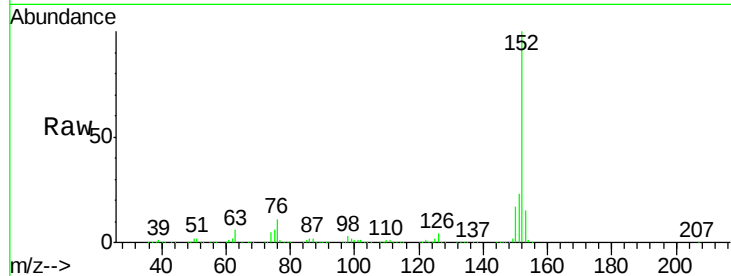
#49
Acenaphthylene
Concen: 42.045 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 3305543
Ion Ratio Lower Upper
152 100
151 23.3 18.6 27.8
153 15.2 12.2 18.4

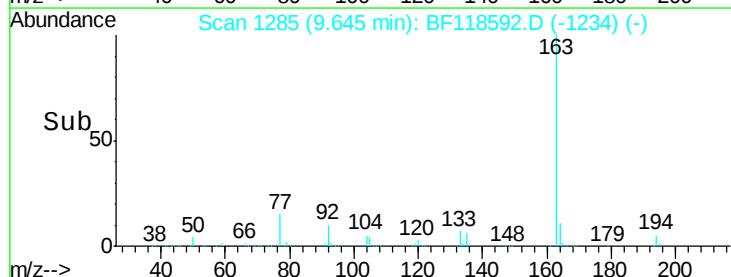
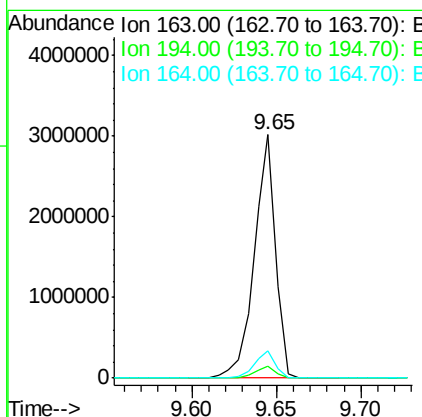
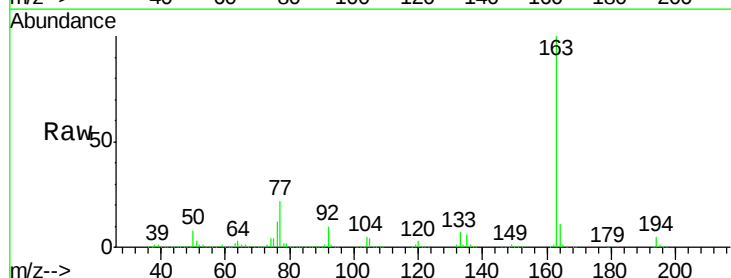
Manual Integrations
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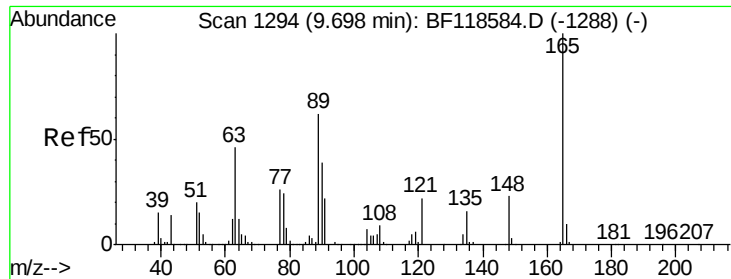
mohammad
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#50
Dimethylphthalate
Concen: 42.228 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:163 Resp: 2646735
Ion Ratio Lower Upper
163 100
194 5.0 3.9 5.9
164 11.4 9.1 13.7





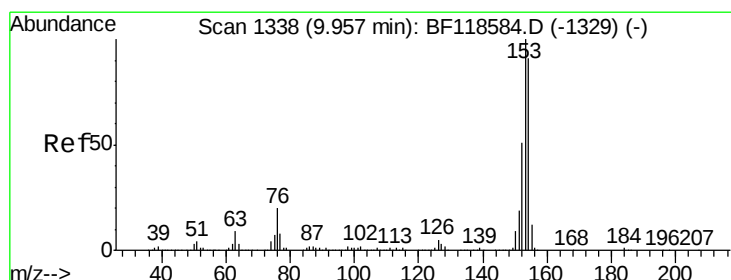
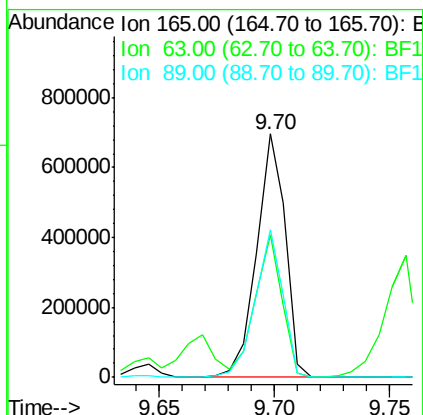
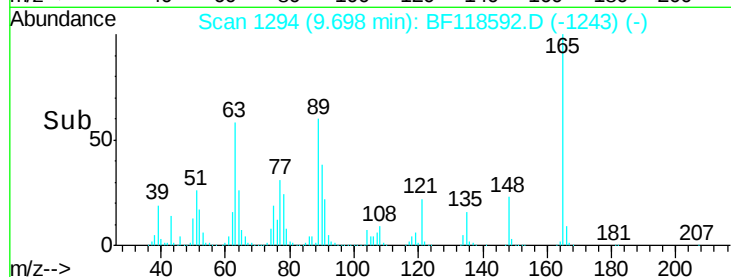
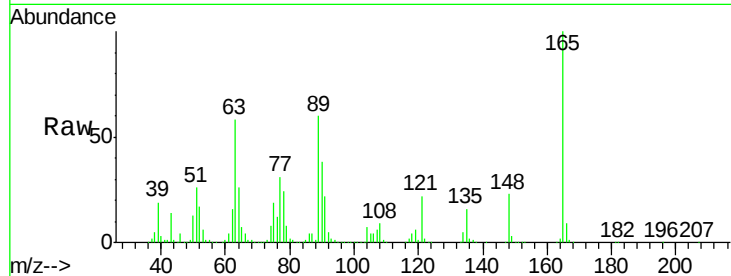
#51
2,6-Dinitrotoluene
Concen: 42.945 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	602731		
63	58.3	48.9	73.3	
89	60.4	49.8	74.6	

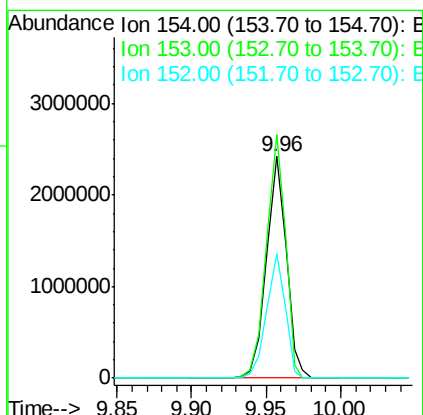
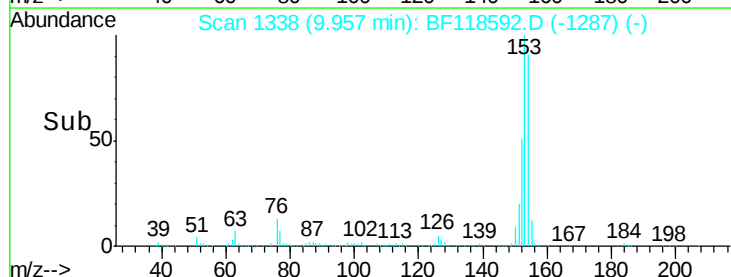
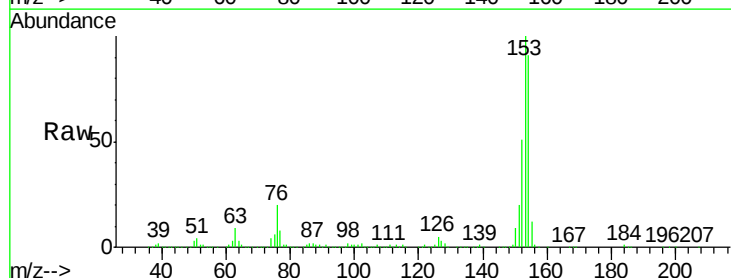
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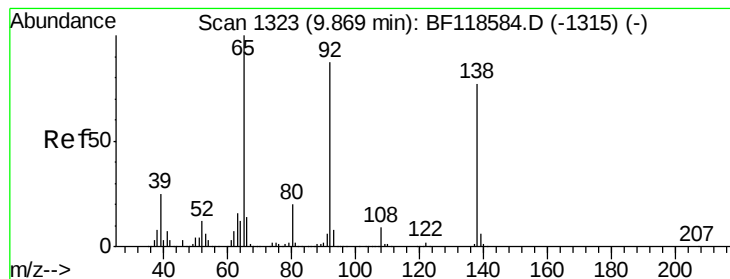
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#52
Acenaphthene
Concen: 42.511 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2234783		
153	109.8	87.6	131.4	
152	55.9	44.4	66.6	





#53

3-Nitroaniline

Concen: 42.889 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

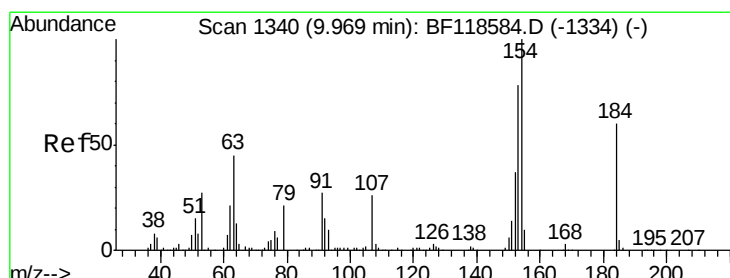
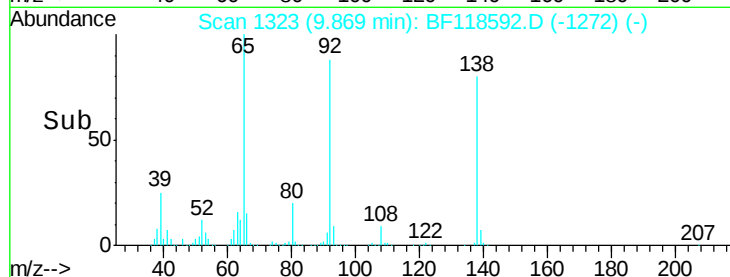
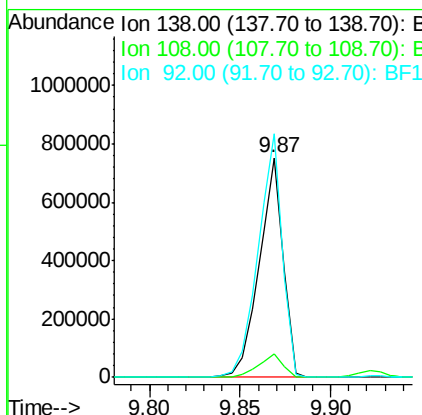
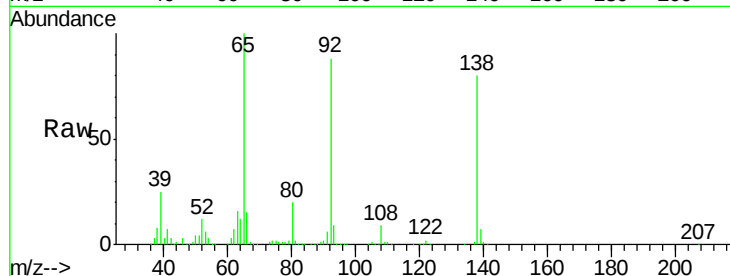
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.6	14.4
92	111.0	90.6	136.0

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 44.736 ng

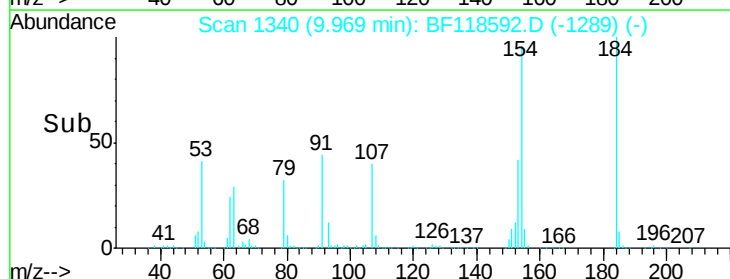
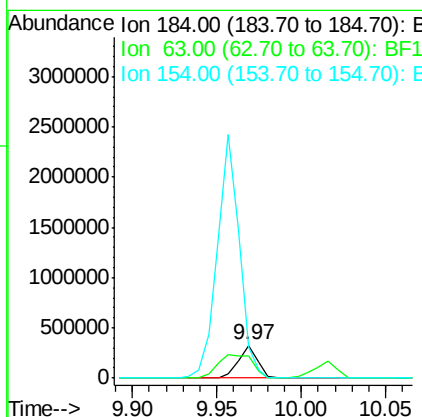
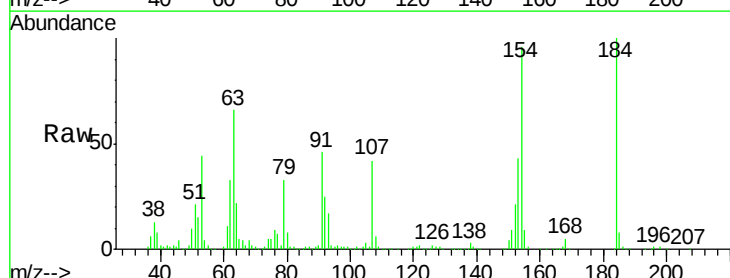
RT: 9.97 min Scan# 1340

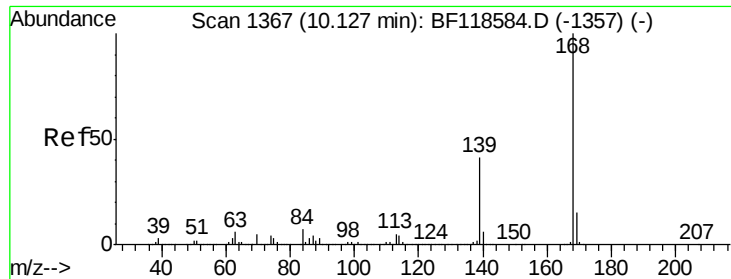
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	60.6	90.8
154	95.9	137.3	205.9#





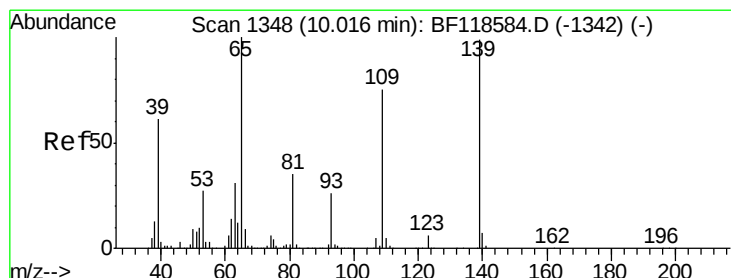
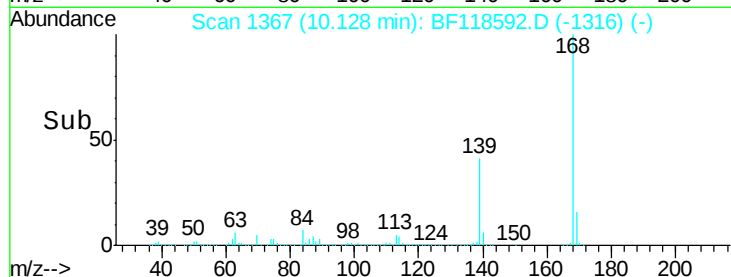
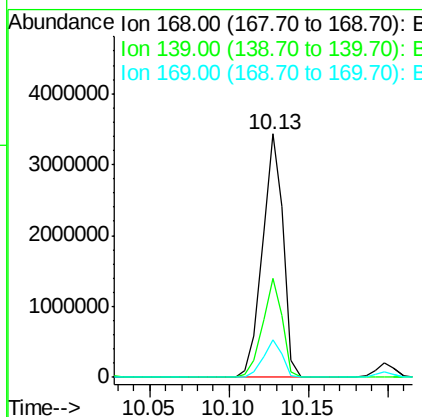
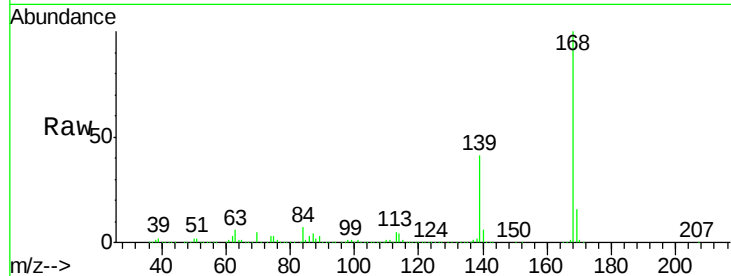
#55
Dibenzenofuran
Concen: 42.961 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 3129779
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 15.6 12.2 18.2

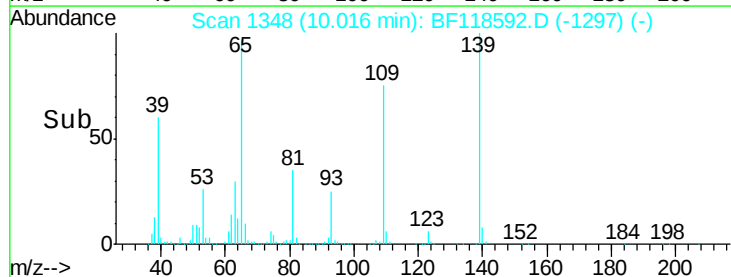
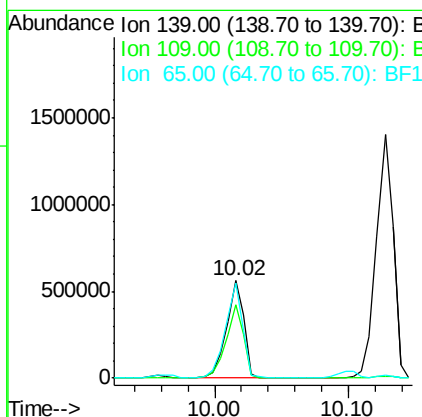
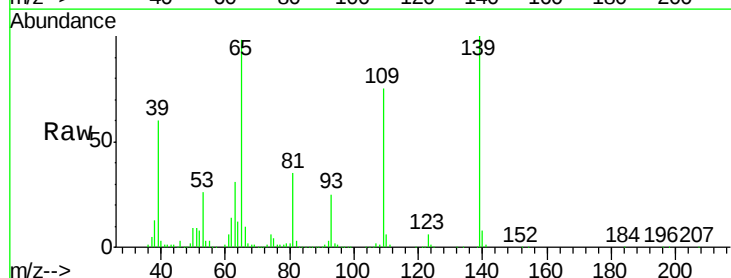
Manual Integrations
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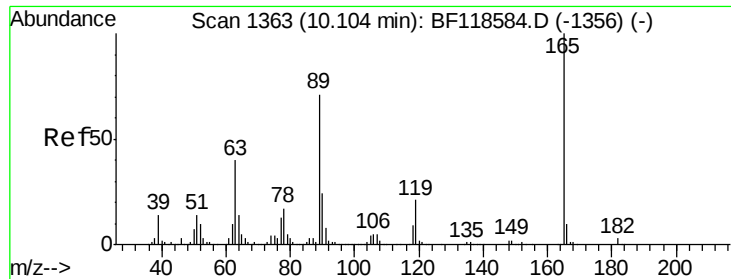
mohammad
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#56
4-Nitrophenol
Concen: 43.118 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:139 Resp: 521649
Ion Ratio Lower Upper
139 100
109 74.6 56.0 96.0
65 97.6 81.4 121.4





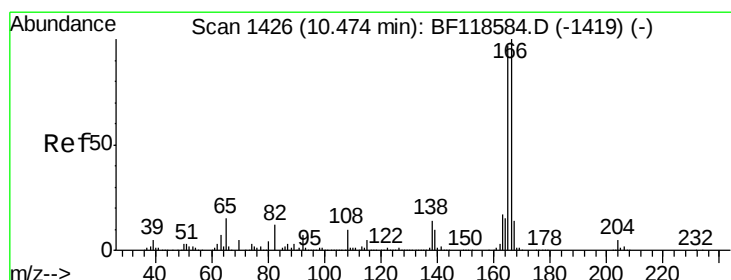
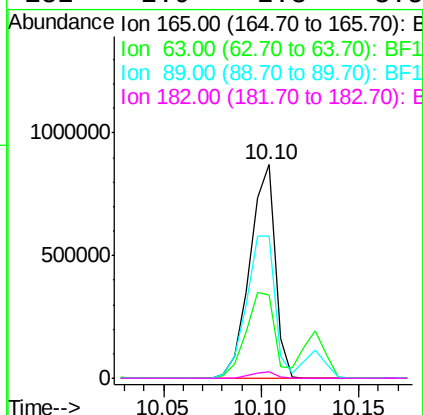
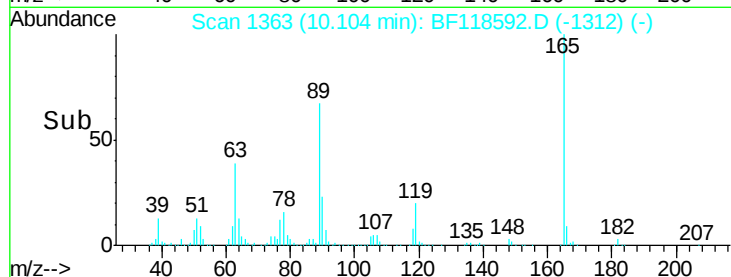
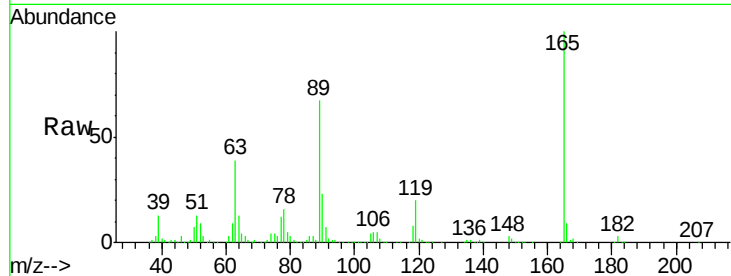
#57
2,4-Dinitrotoluene
Concen: 44.507 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	32.4	48.6
89	66.7	56.4	84.6
182	2.9	2.3	3.5

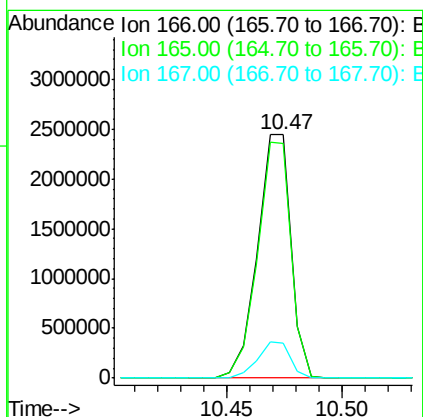
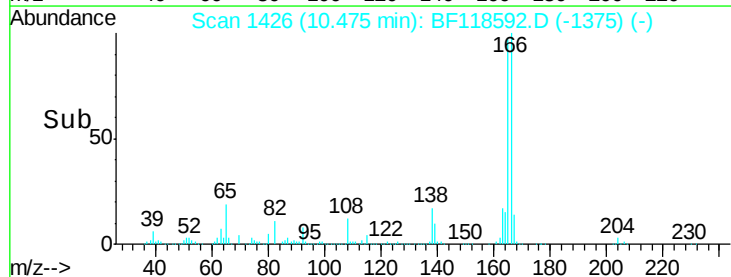
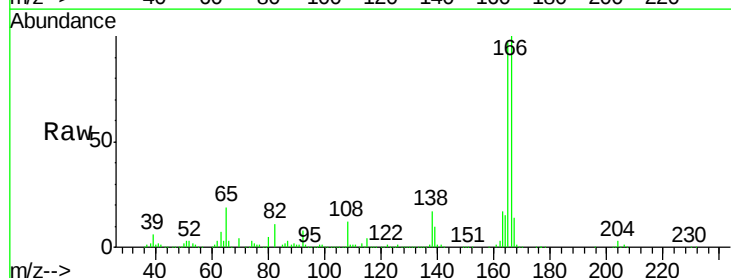
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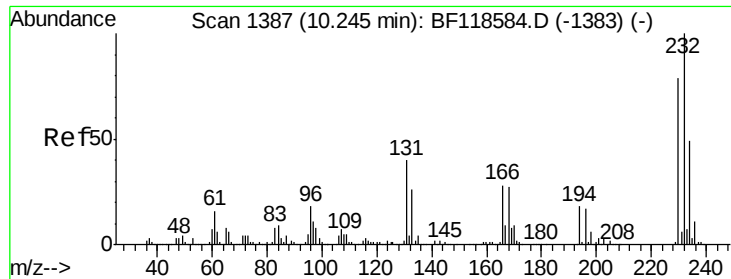
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#58
Fluorene
Concen: 43.152 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.3	115.9
167	14.2	11.5	17.3





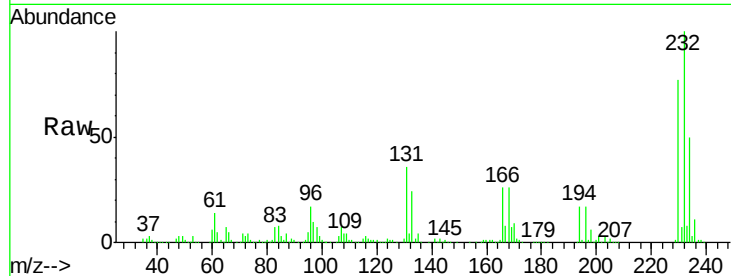
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.500 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

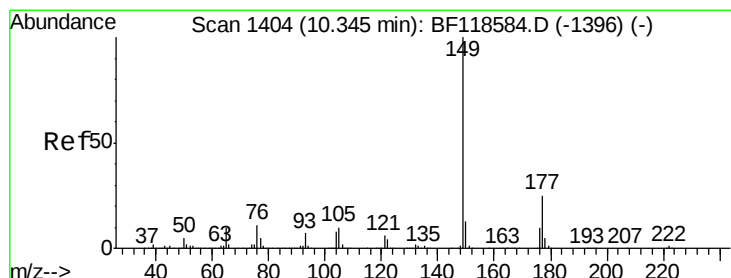
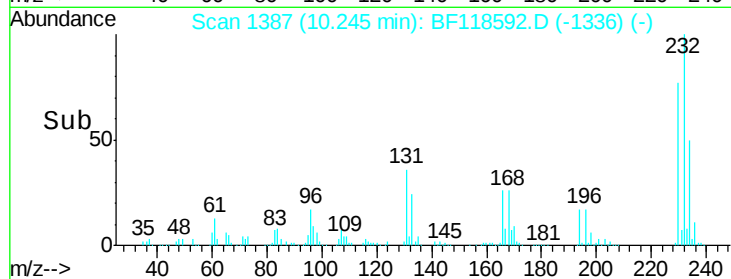
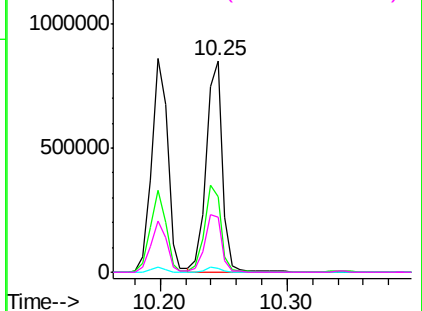
Tot Ion	Ratio	Resp	Lower	Upper
232	100	762571		
131	41.6	33.2	49.8	
130	2.1	1.8	2.6	
166	28.3	22.6	33.8	

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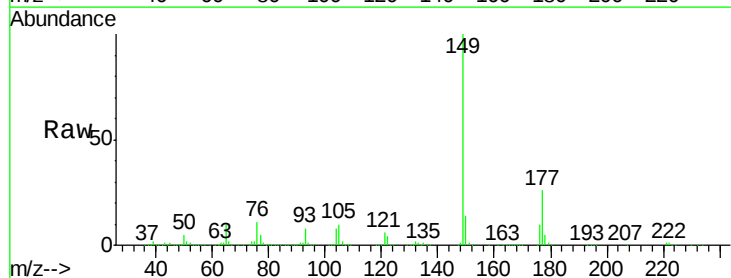


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

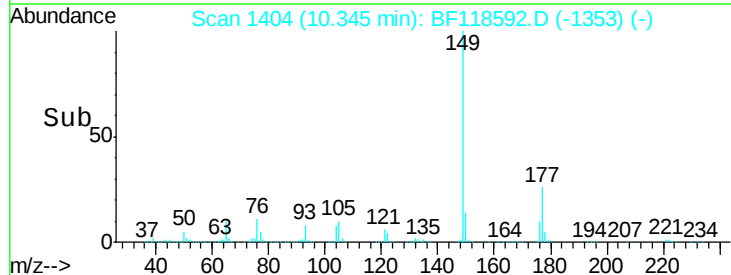
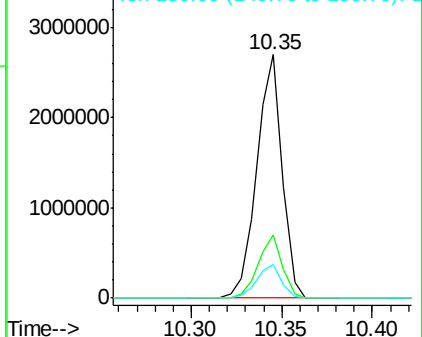


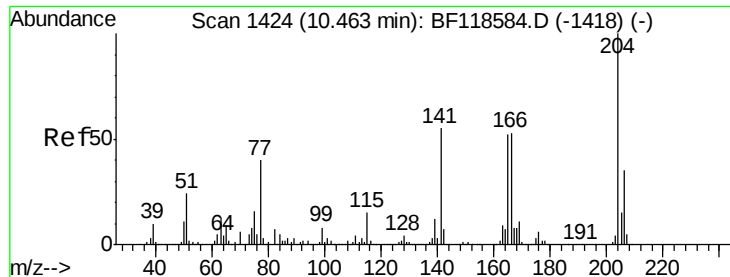
#60
Diethylphthalate
Concen: 42.970 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2611266		
177	26.1	20.0	30.0	
150	13.7	10.6	16.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





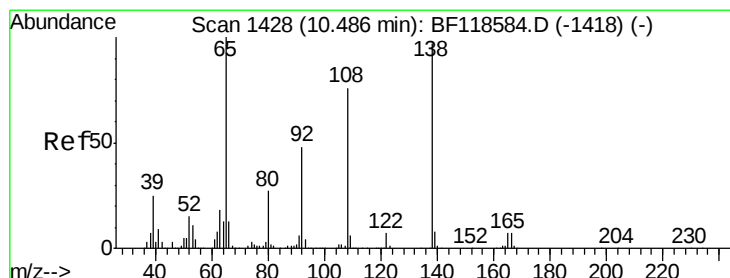
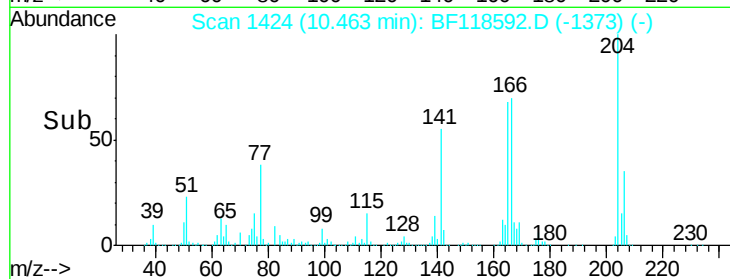
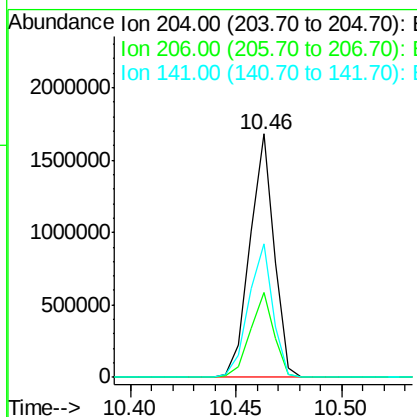
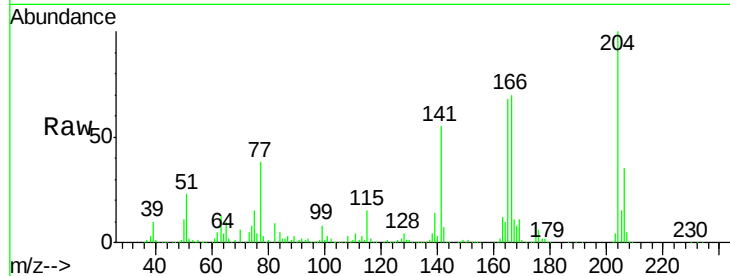
#61
 4-Chlorophenyl-phenylether
 Concen: 43.073 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.8	41.6
141	54.6	43.7	65.5

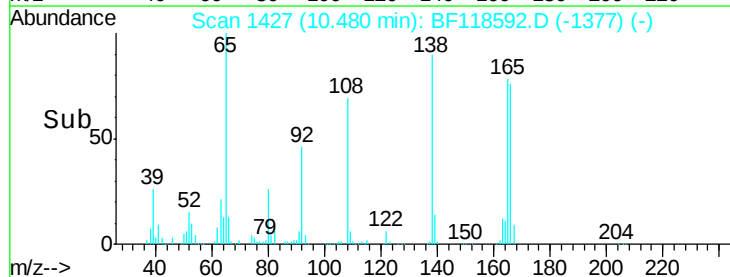
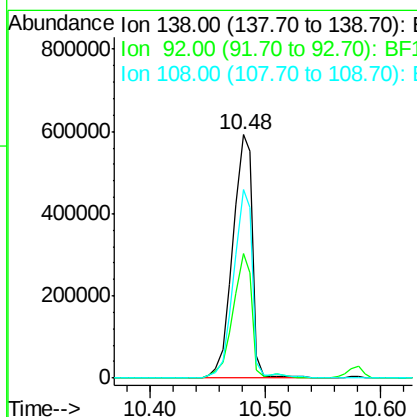
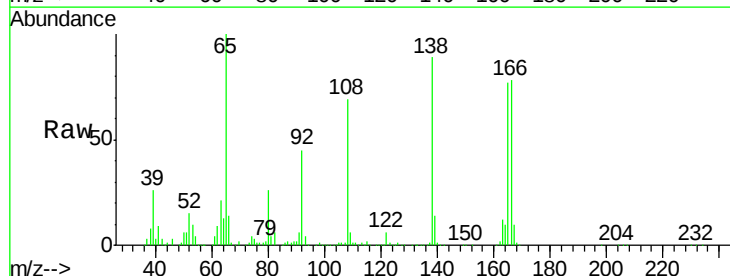
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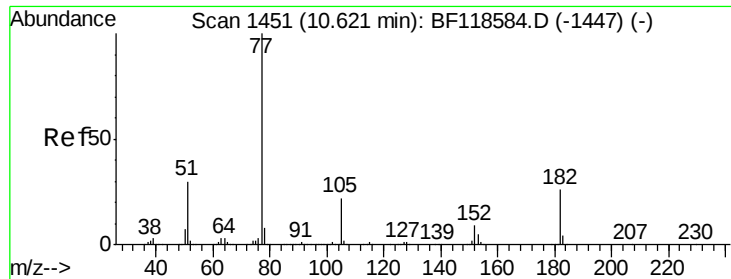
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#62
 4-Nitroaniline
 Concen: 42.618 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.4	69.4
108	77.6	58.2	98.2





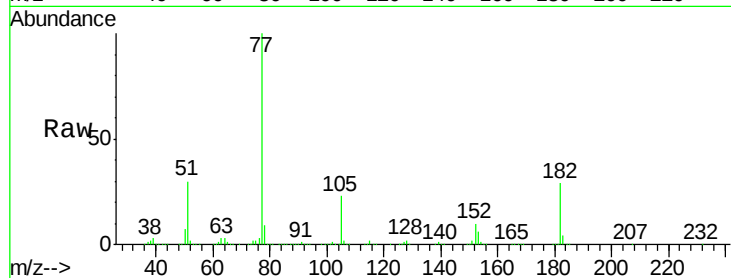
#63
Azobenzene
Concen: 42.883 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.6	45.6
105	23.2	2.0	42.0
51	30.3	10.2	50.2

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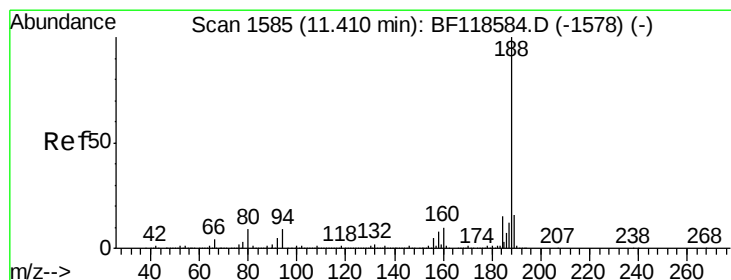
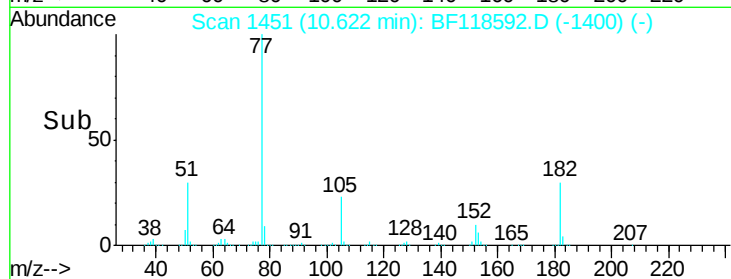
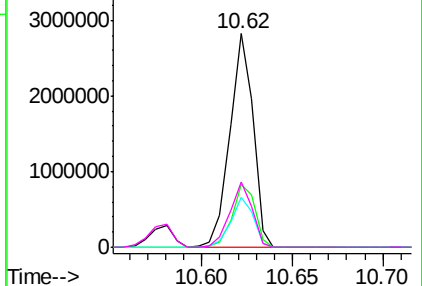


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



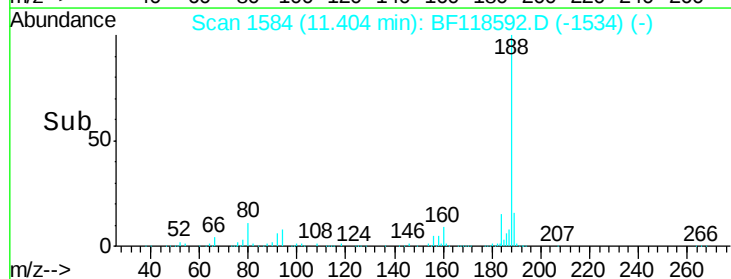
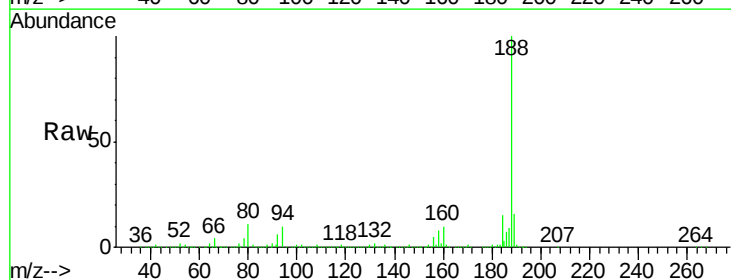
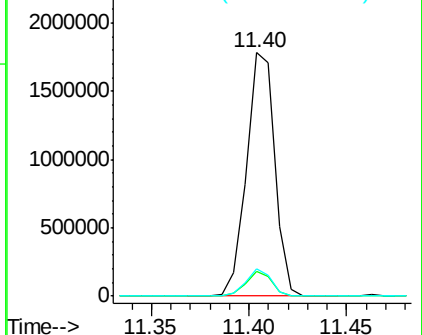
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

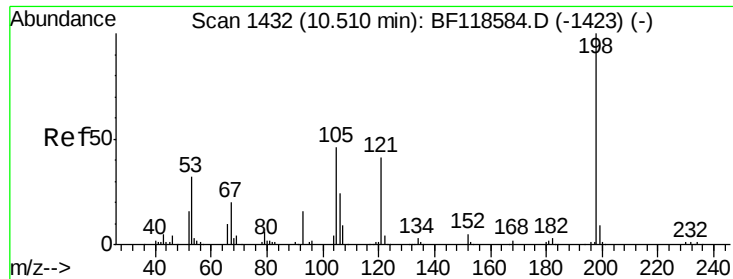
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	11.1	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.943 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

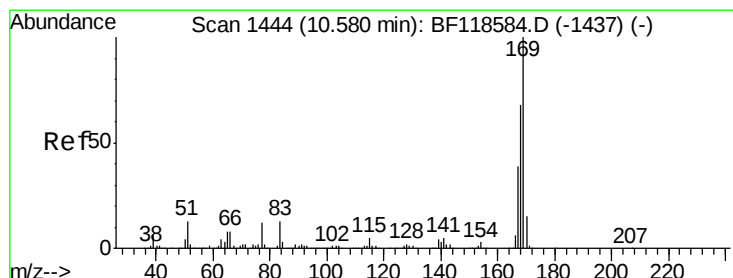
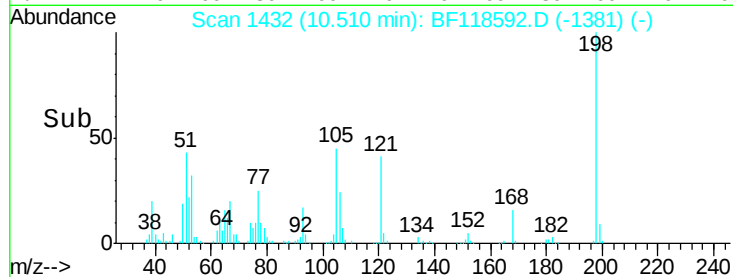
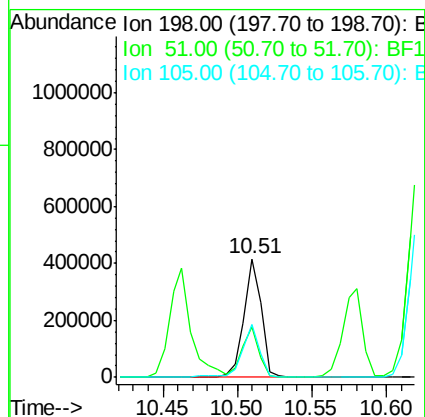
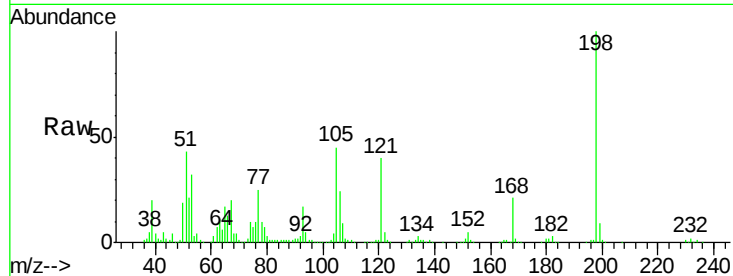
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	337649
Ion Ratio	Lower	Upper	
198	100		
51	43.0	25.2	65.2
105	44.7	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 41.928 ng

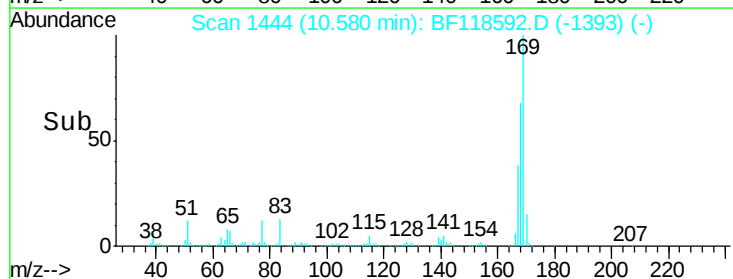
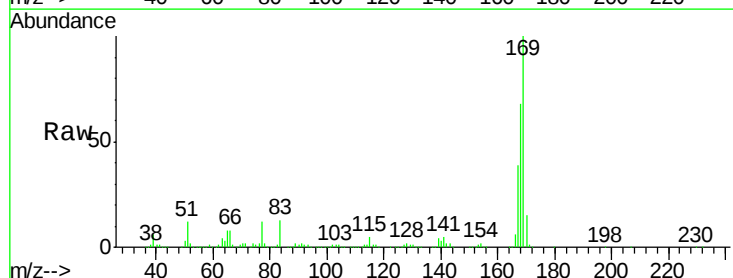
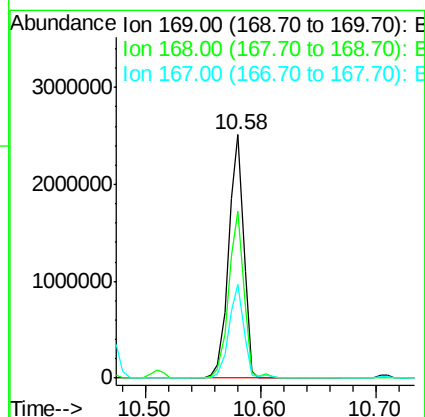
RT: 10.58 min Scan# 1444

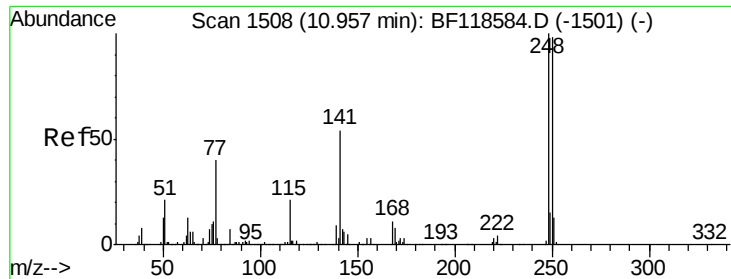
Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Tgt Ion:	169	Resp:	2260969
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.6	82.0
167	38.5	30.9	46.3





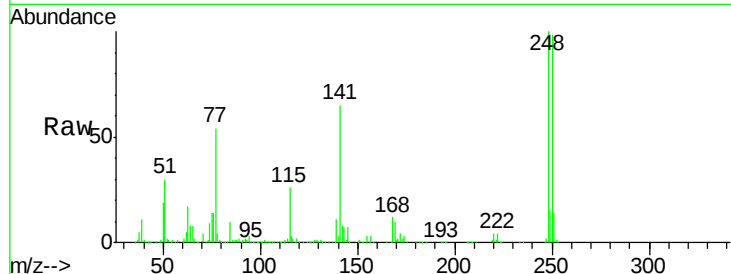
#67
4-Bromophenyl-phenylether
Concen: 42.023 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.7	118.1
141	65.1	43.2	64.8#

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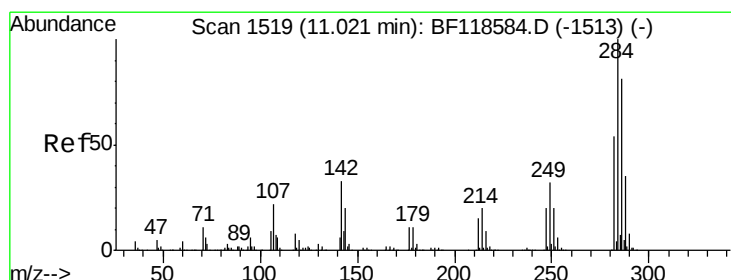
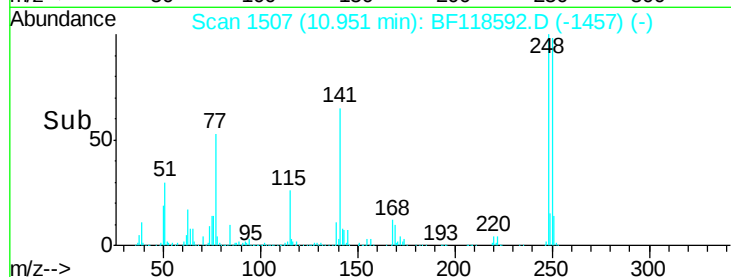
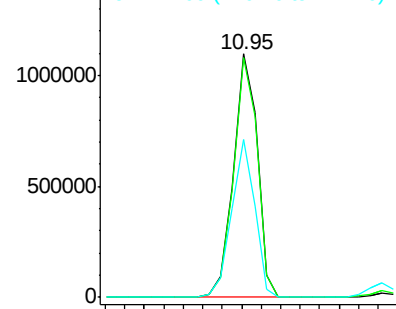


Abundance

Ion 248.00 (247.70 to 248.70): E

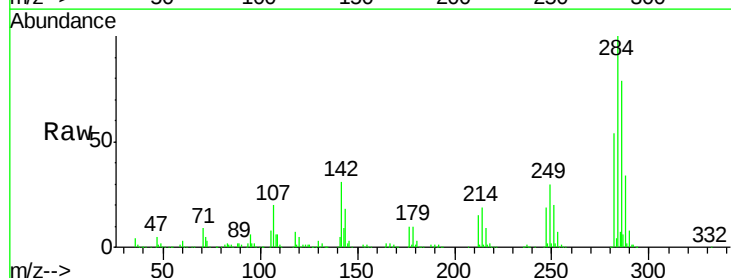
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.243 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.6	39.8
249	30.4	25.2	37.8

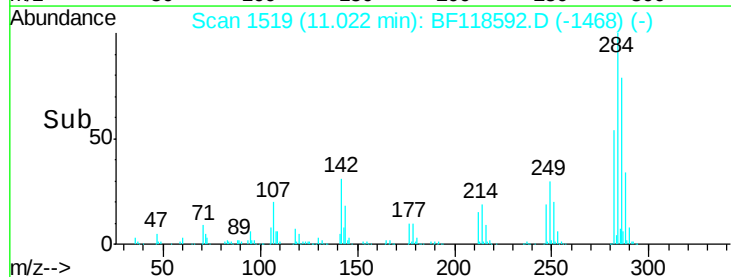
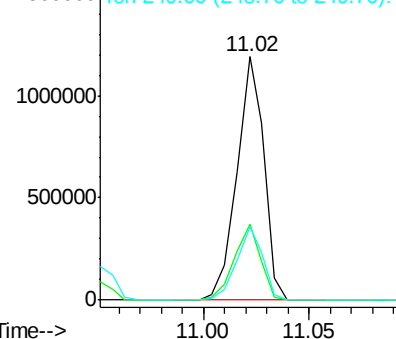


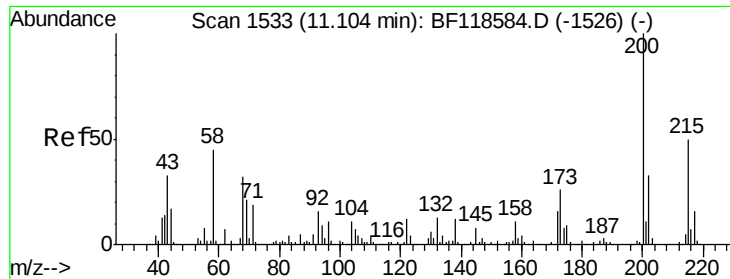
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





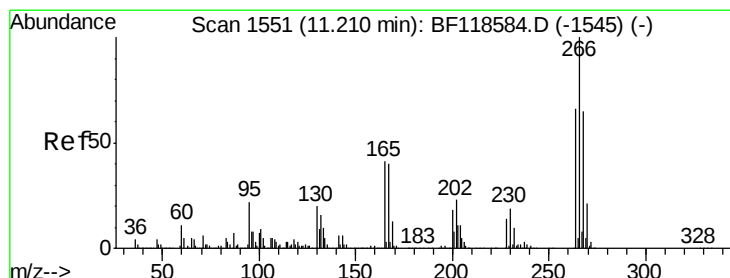
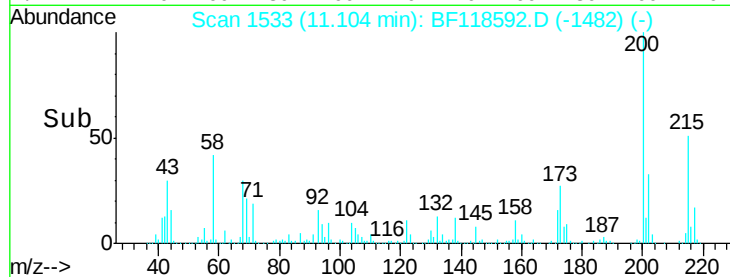
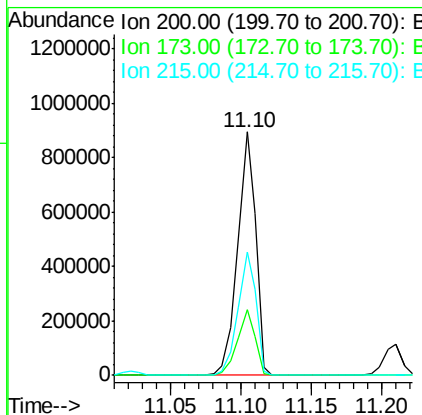
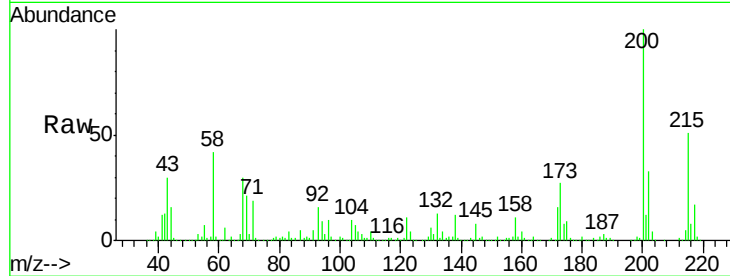
#69
Atrazine
Concen: 42.400 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.3	46.3
215	50.6	30.2	70.2

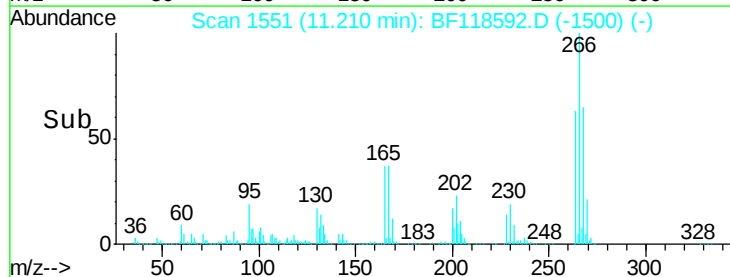
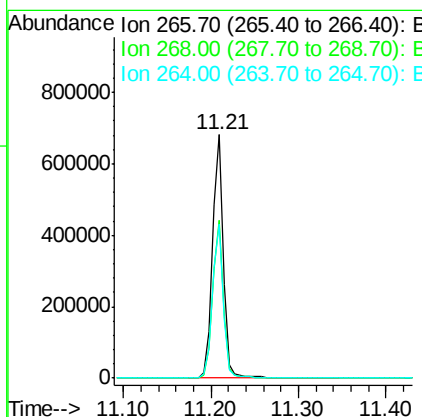
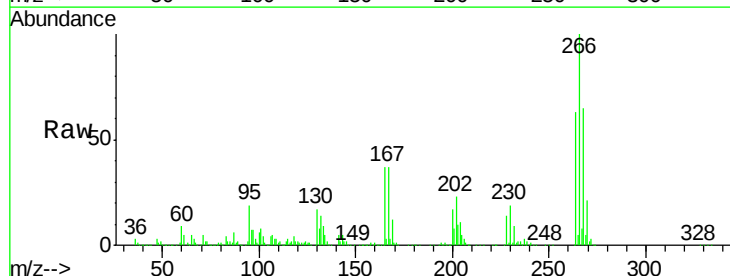
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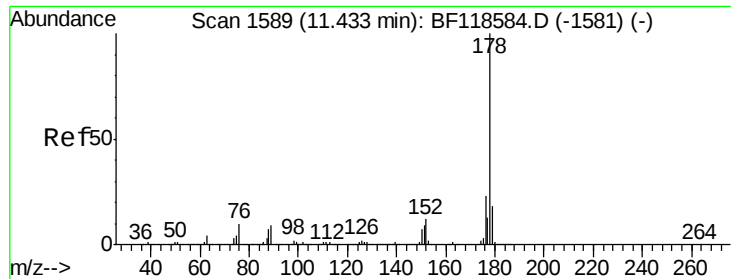
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#70
Pentachlorophenol
Concen: 42.536 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.1	78.1
264	63.4	52.4	78.6





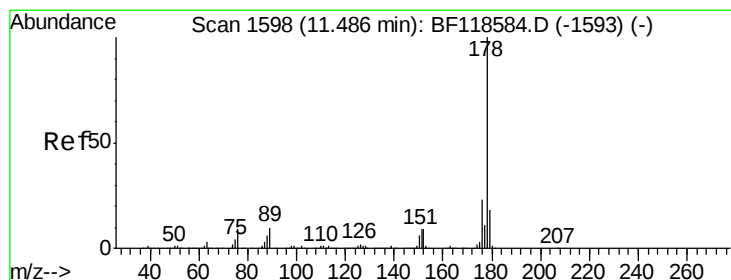
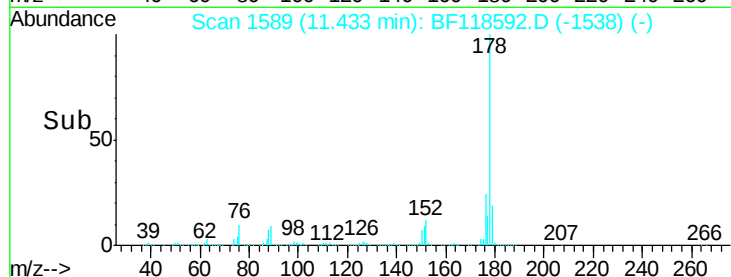
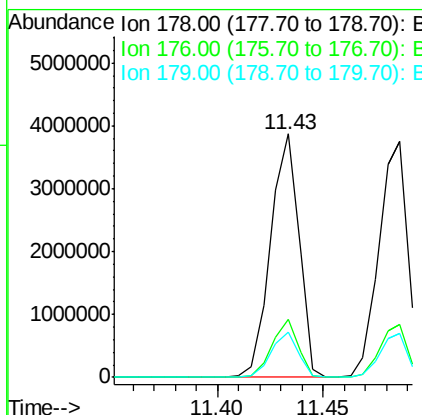
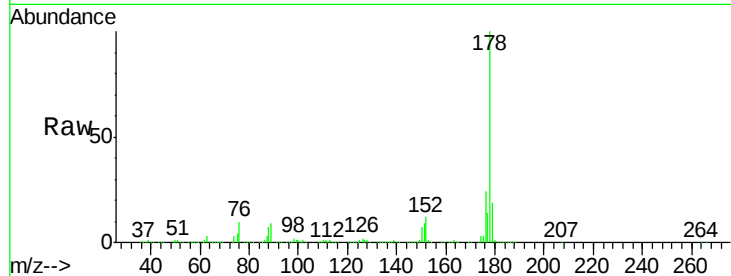
#71
Phenanthrene
Concen: 42.100 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.6	27.8
179	18.6	14.7	22.1

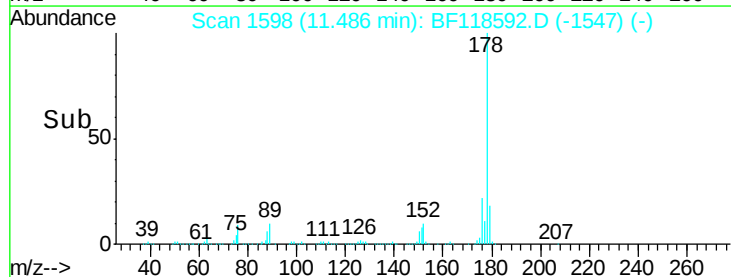
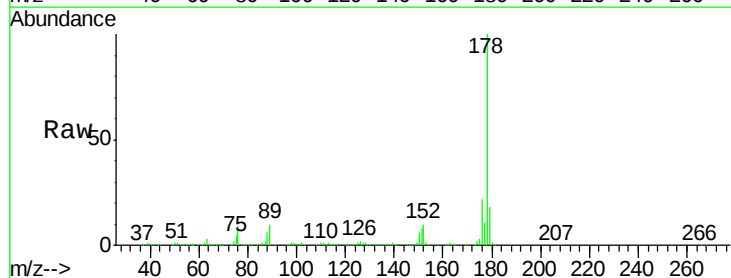
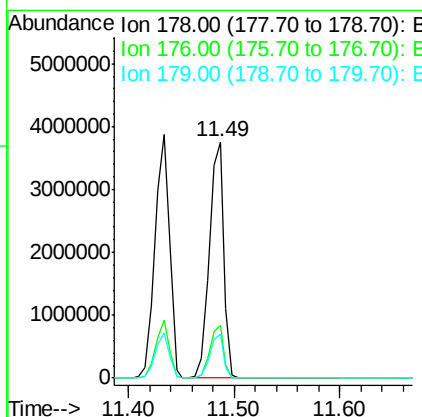
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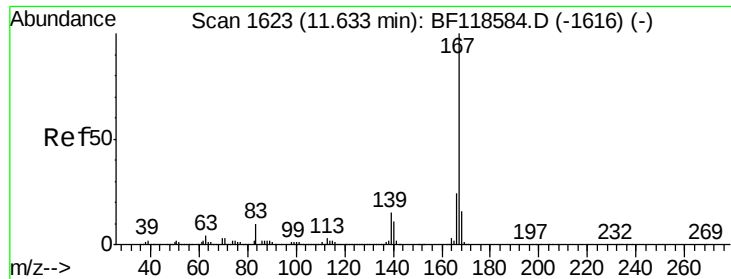
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#72
Anthracene
Concen: 42.257 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	18.0	27.0
179	18.4	14.7	22.1





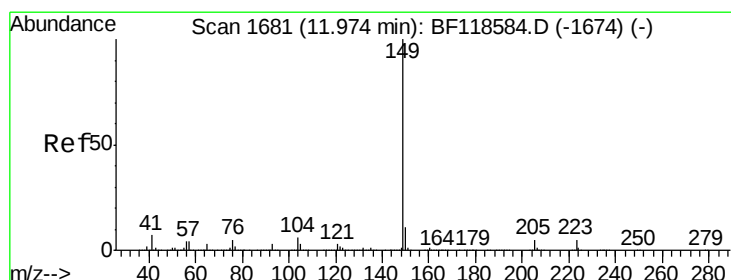
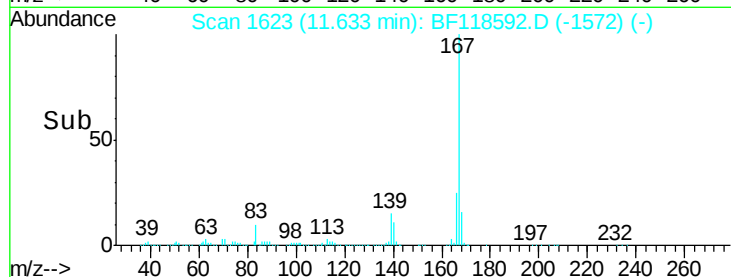
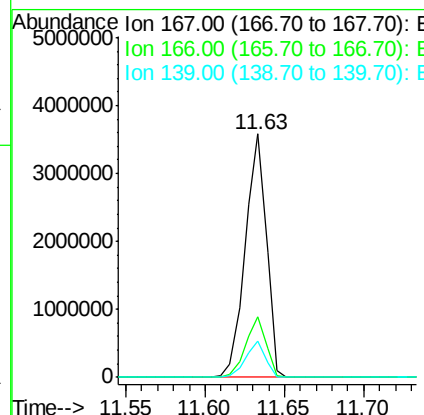
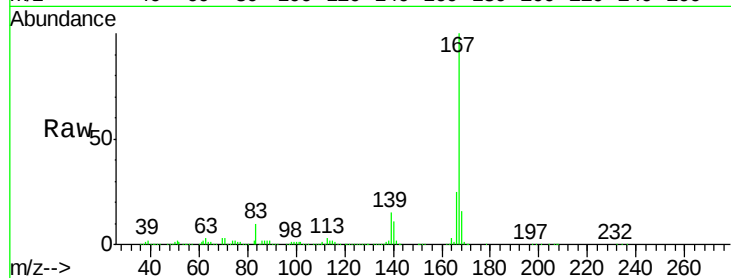
#73
 Carbazole
 Concen: 42.078 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.4	29.2
139	14.8	11.7	17.5

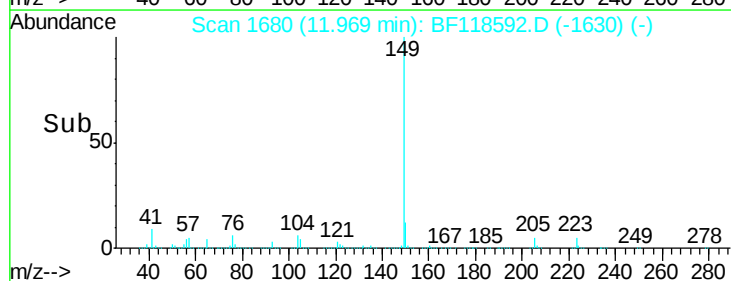
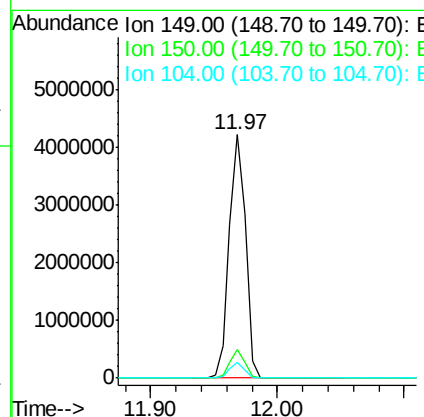
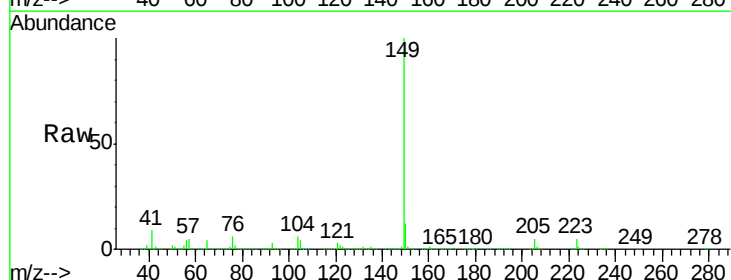
Manual Integrations
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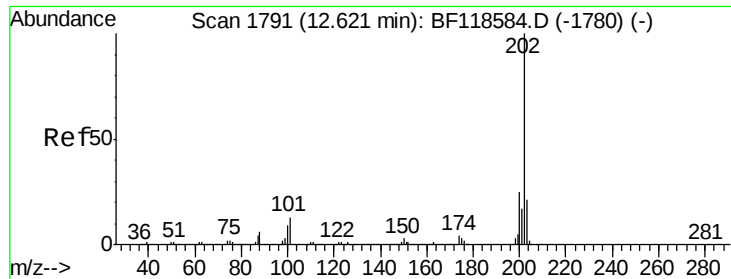
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.318 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.7	13.1
104	6.3	4.6	6.8





#75

Fluoranthene

Concen: 42.626 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:202 Resp: 3878378

Ion Ratio Lower Upper

202 100

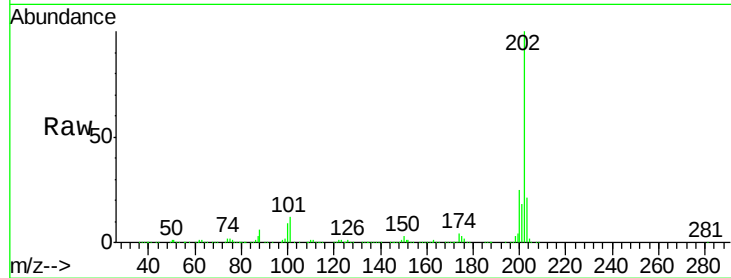
101 11.6 0.0 32.5

203 20.9 0.8 40.8

Manual Integrations
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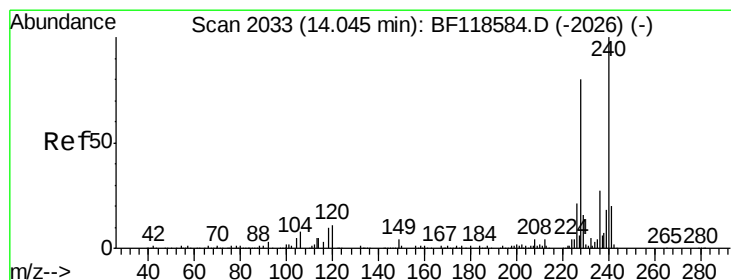
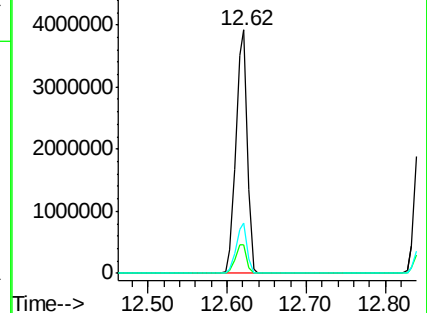
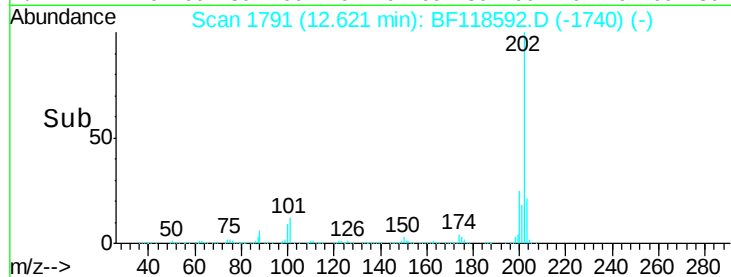
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

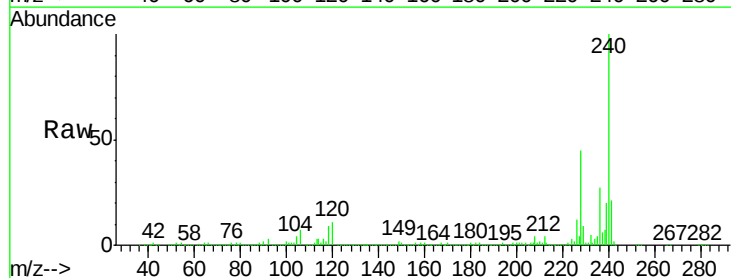
Tgt Ion:240 Resp: 1407147

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

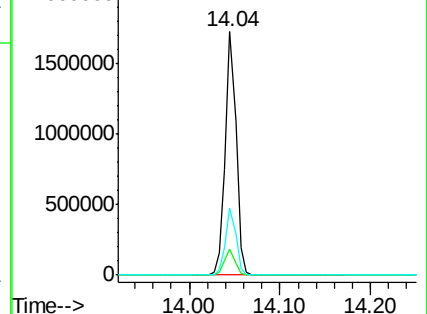
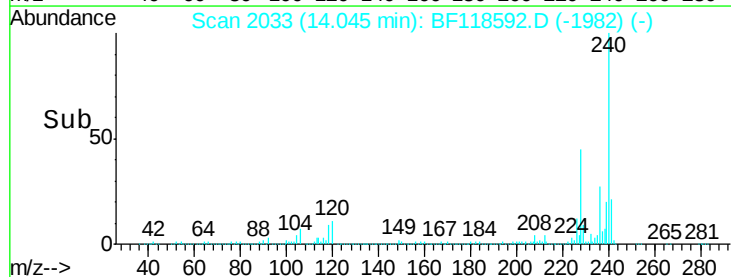
236 27.5 21.5 32.3

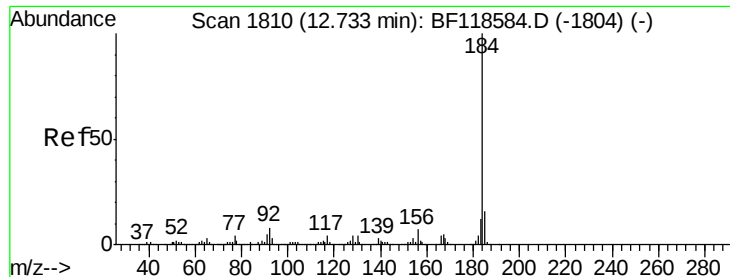


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.044 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1693561

Ion Ratio Lower Upper

184 100

185 18.6 12.9 19.3

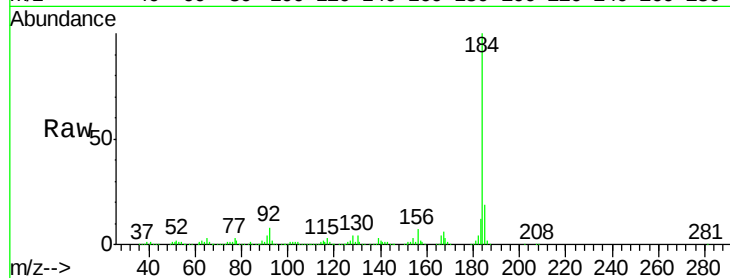
183 12.3 9.6 14.4

Manual Integrations

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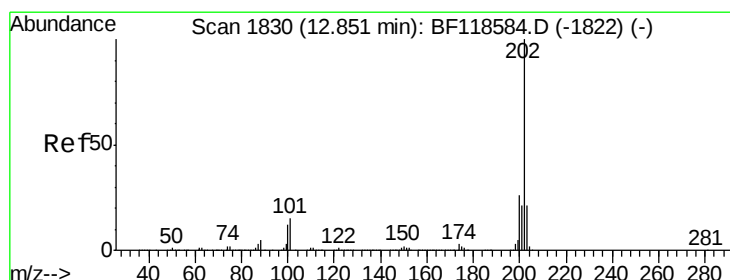
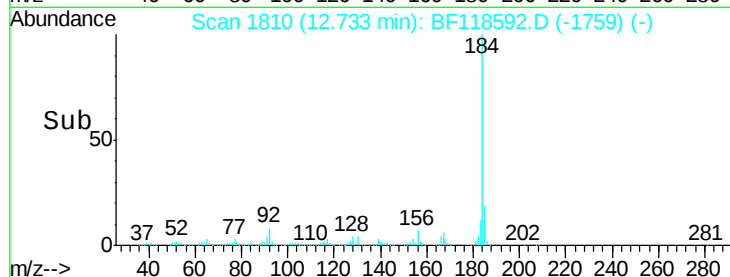
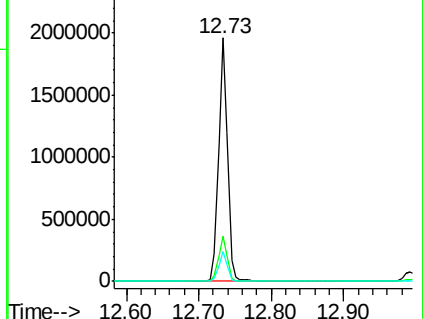
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.714 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

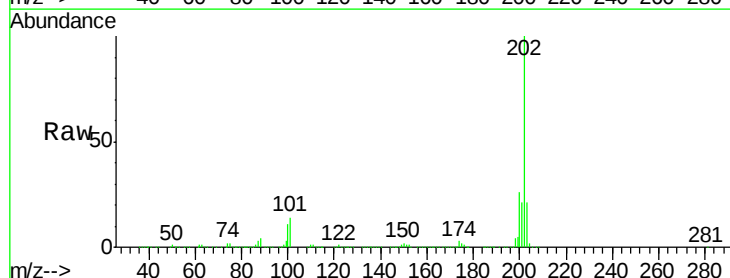
Tgt Ion:202 Resp: 3889513

Ion Ratio Lower Upper

202 100

200 25.9 20.6 31.0

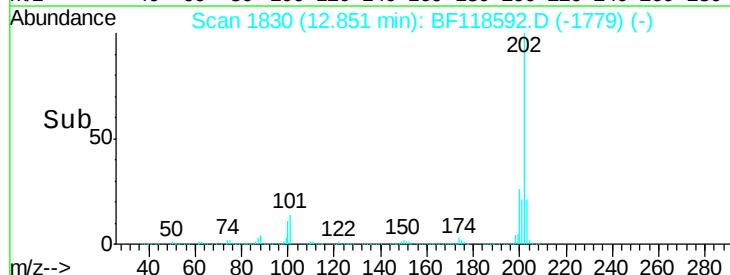
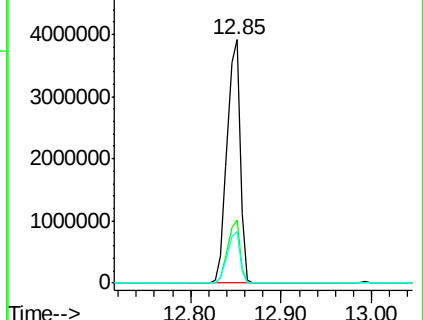
203 21.1 16.8 25.2

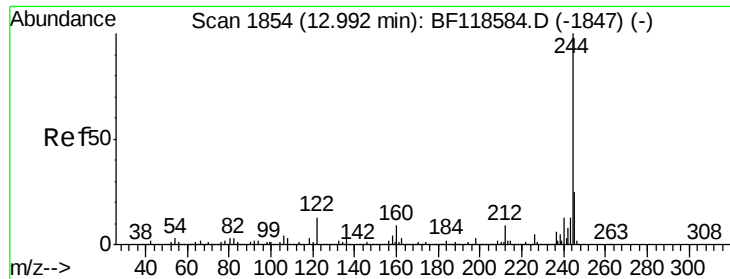


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 81.401 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

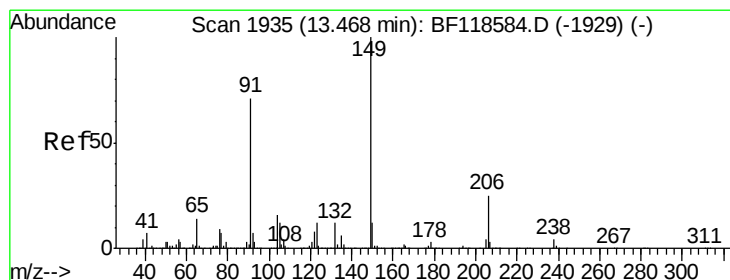
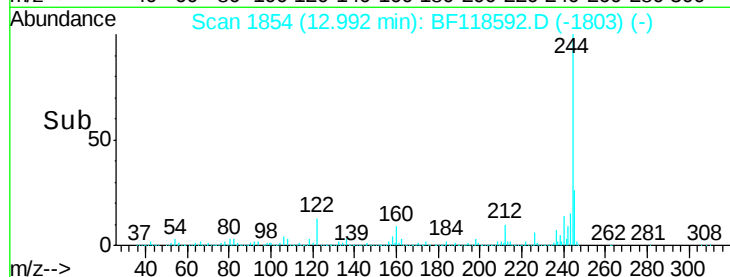
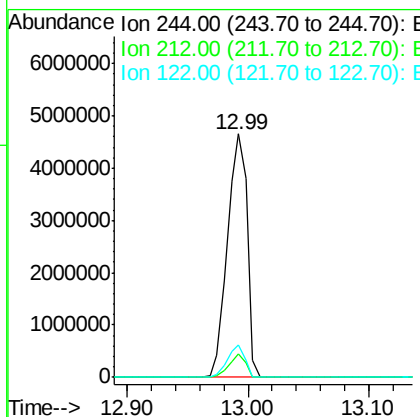
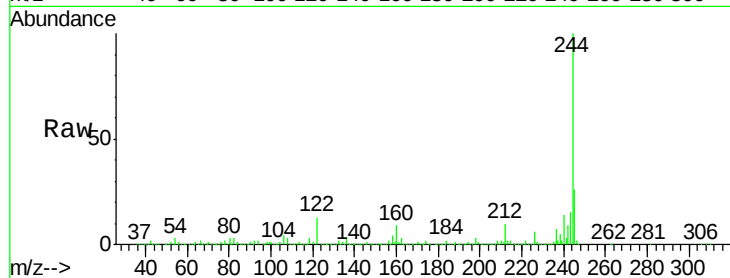
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 5251654

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	13.2	10.7	16.1

Manual Integrations
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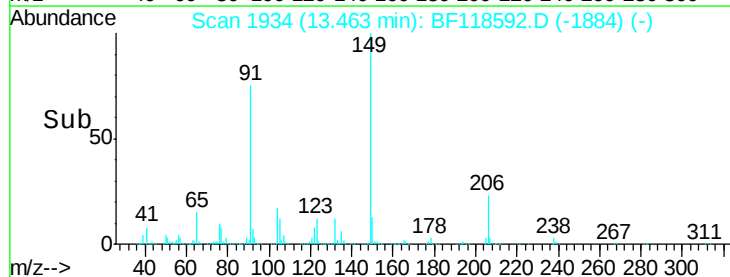
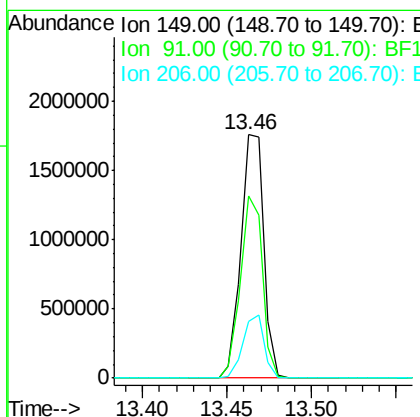
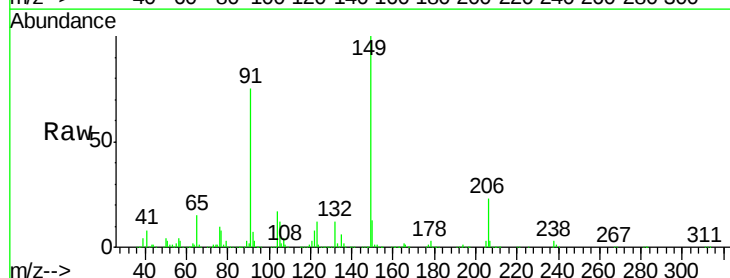
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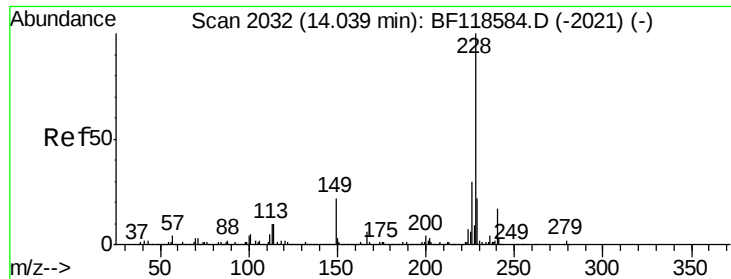


#80
 Butylbenzylphthalate
 Concen: 42.512 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:149 Resp: 1662116

Ion	Ratio	Lower	Upper
149	100		
91	74.9	56.5	84.7
206	23.2	19.9	29.9





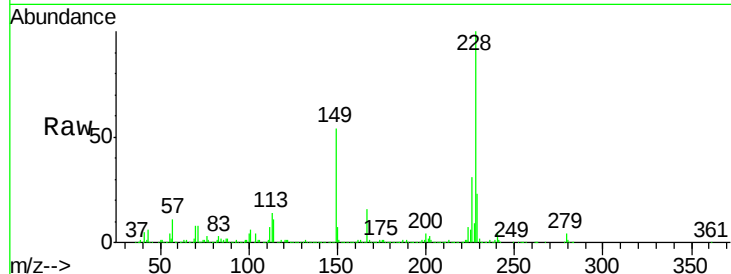
#81
Benzo(a)anthracene
Concen: 41.148 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

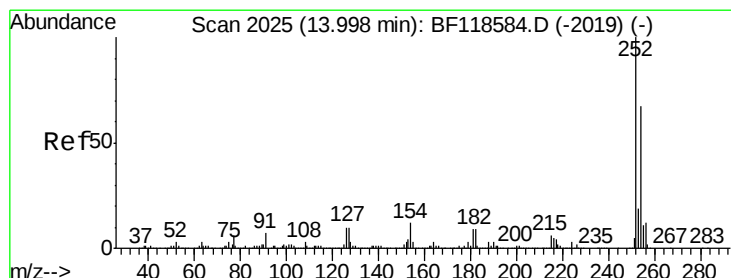
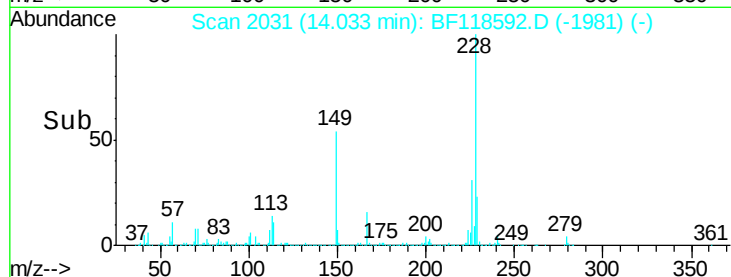
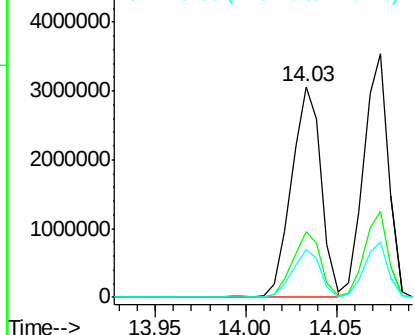
Tot Ion:228 Resp: 3483072
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.5 17.6 26.4

Manual Integrations
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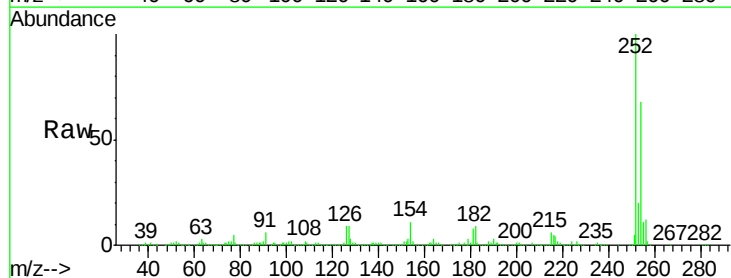


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

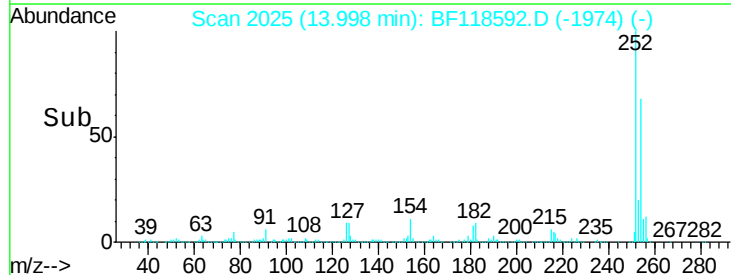
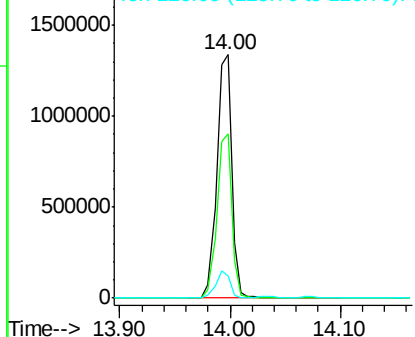


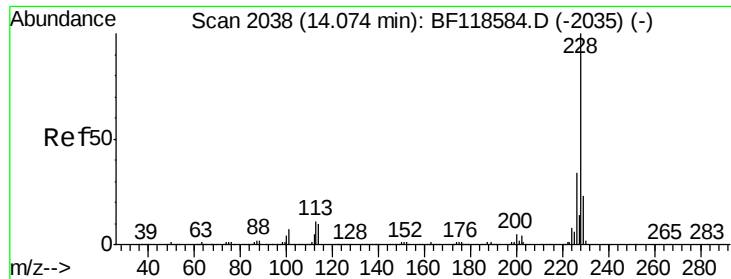
#82
3,3'-Dichlorobenzidine
Concen: 41.806 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:252 Resp: 1260966
Ion Ratio Lower Upper
252 100
254 67.6 53.4 80.2
126 8.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
 Chrvsene
 Concen: 41.412 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

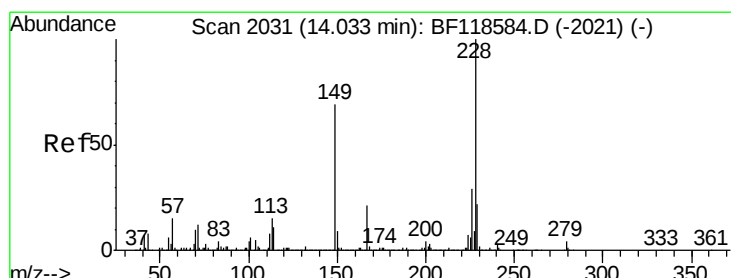
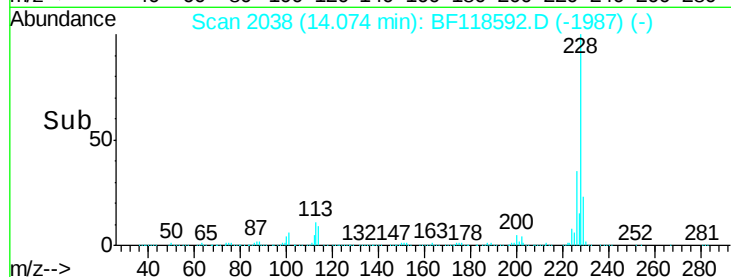
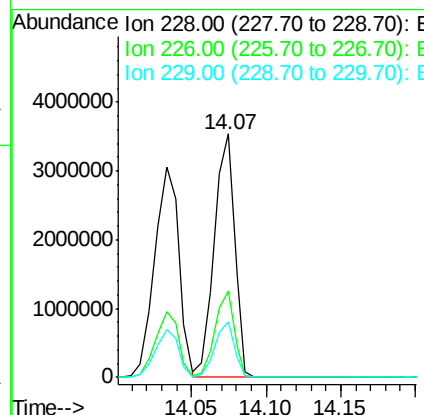
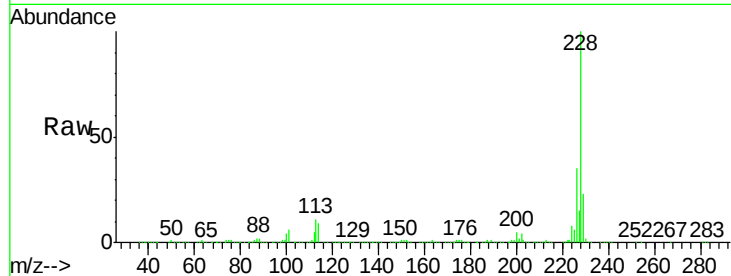
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 3359601

Ion	Ratio	Lower	Upper
228	100		
226	35.3	27.4	41.0
229	23.0	18.3	27.5

Manual Integrations
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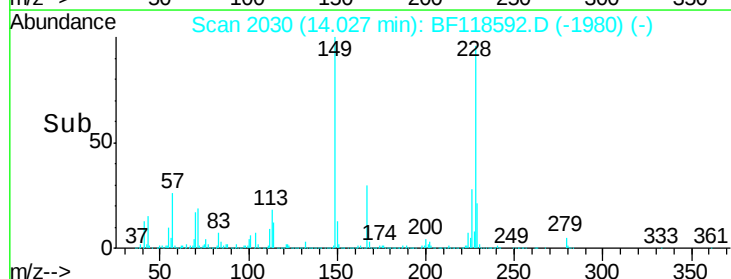
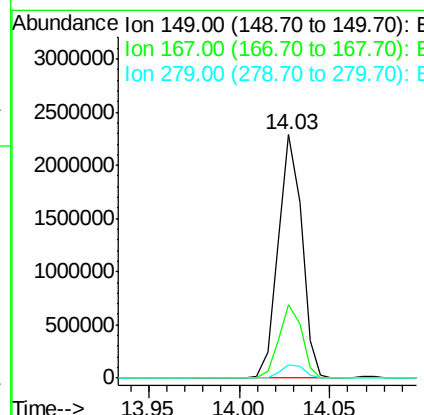
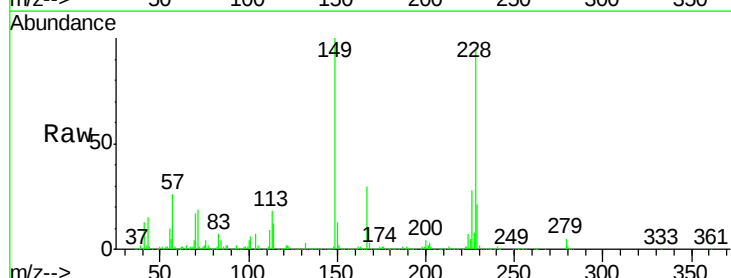
mohammad
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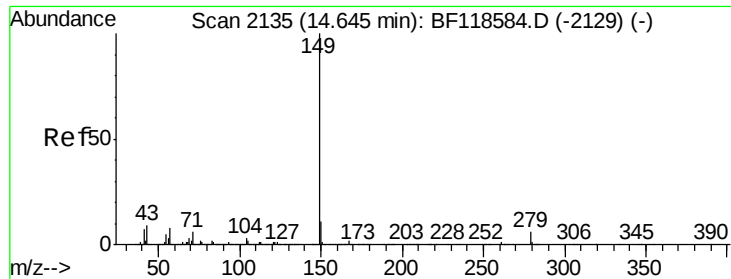


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.354 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118592.D
 Acq: 20 Jan 2020 15:34

Tgt Ion:149 Resp: 2070865

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.2	36.4
279	5.5	5.0	7.4





#85

Di-n-octyl phthalate

Concen: 43.732 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3092000

Ion Ratio Lower Upper

149 100

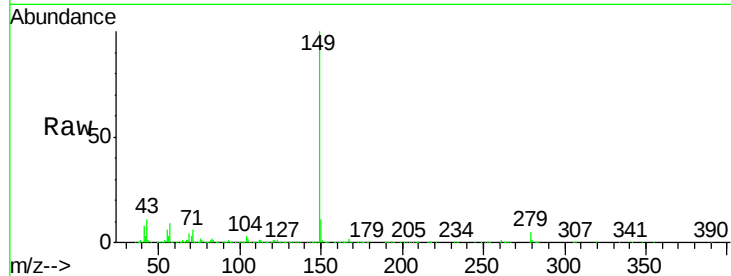
167 1.7 1.4 2.0

43 10.2 8.1 12.1

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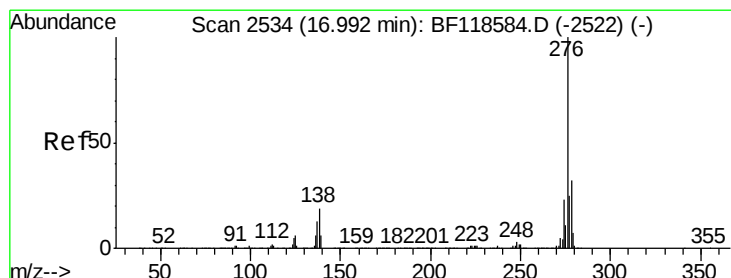
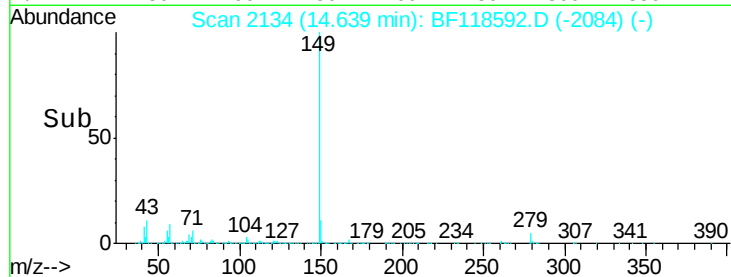
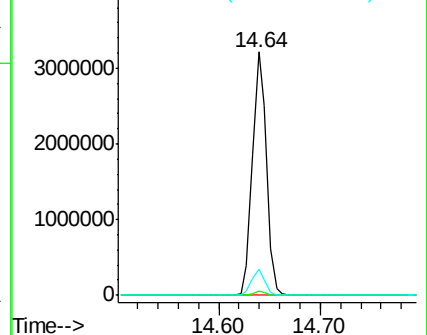
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.240 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118592.D

Acq: 20 Jan 2020 15:34

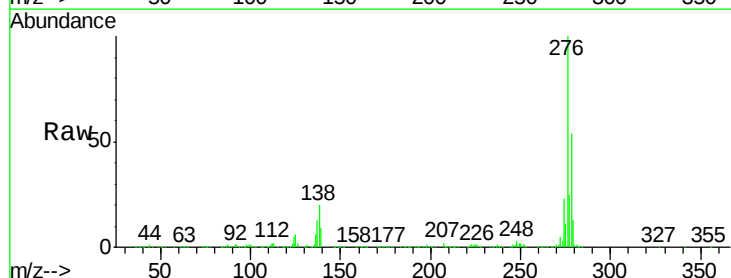
Tgt Ion:276 Resp: 2554557

Ion Ratio Lower Upper

276 100

138 21.7 17.2 25.8

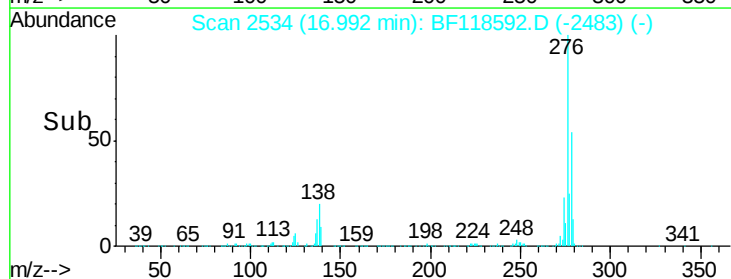
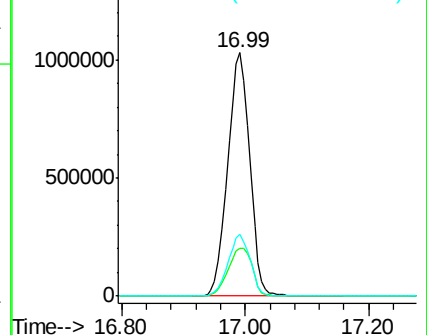
277 25.5 20.5 30.7

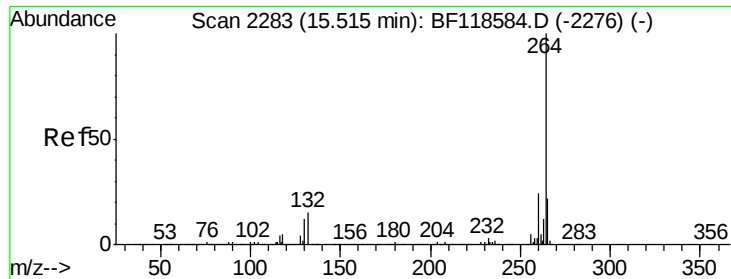


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

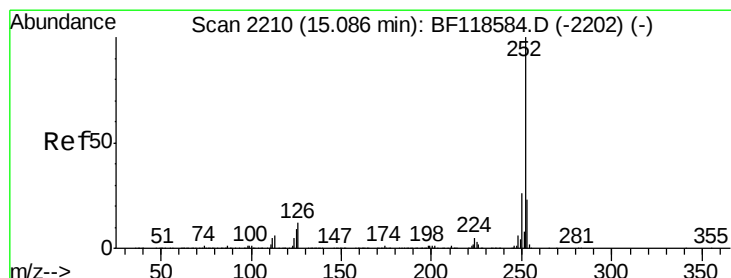
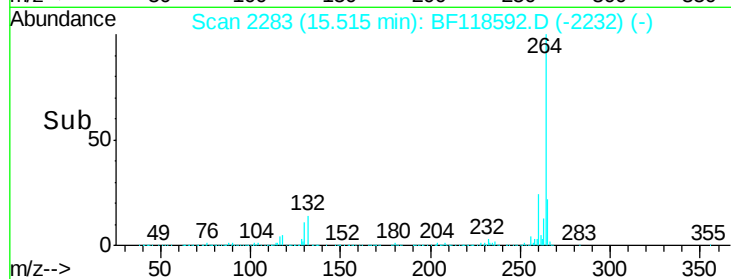
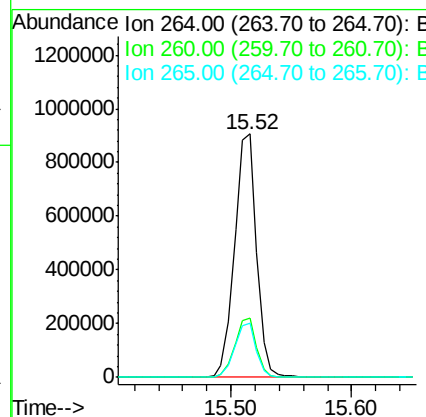
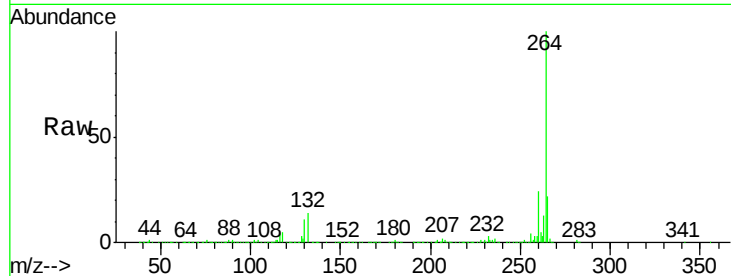
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1149147

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.0	17.7	26.5

Manual Integrations
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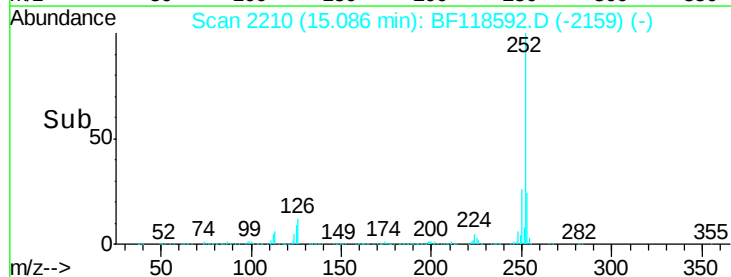
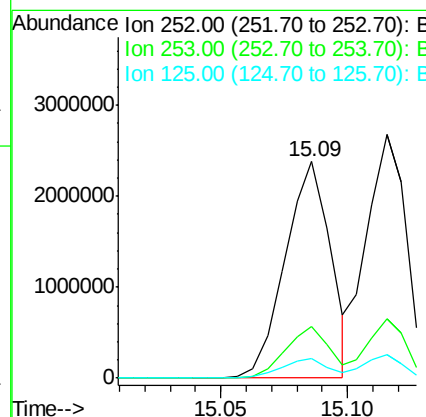
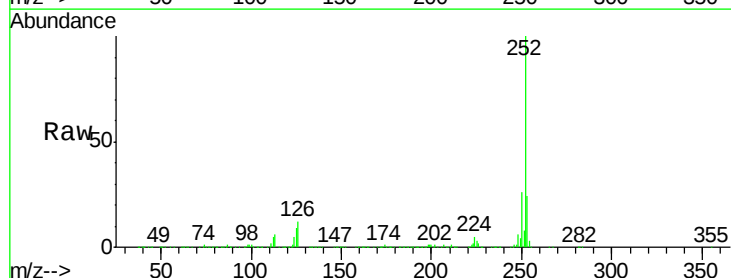
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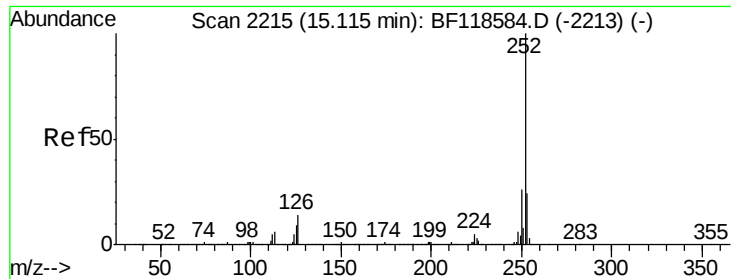


#88
Benzo(b)fluoranthene
Concen: 41.172 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion:252 Resp: 2973914

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	9.3	7.3	10.9





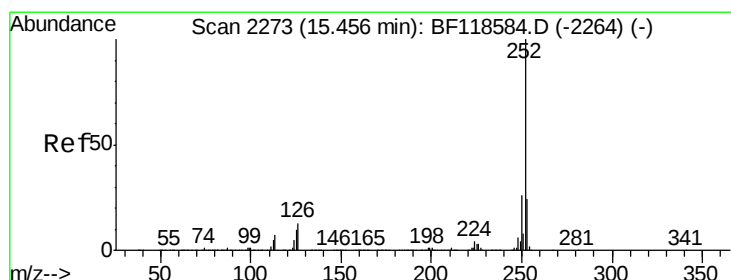
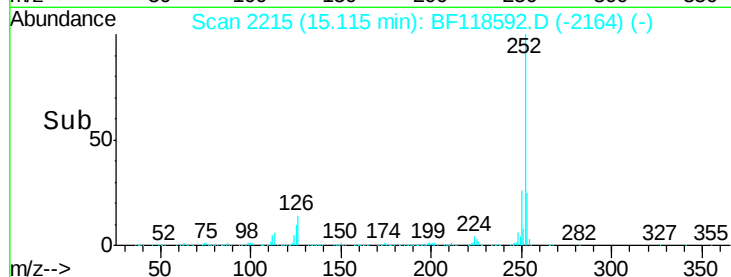
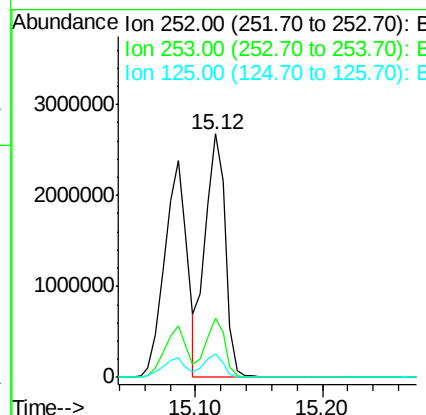
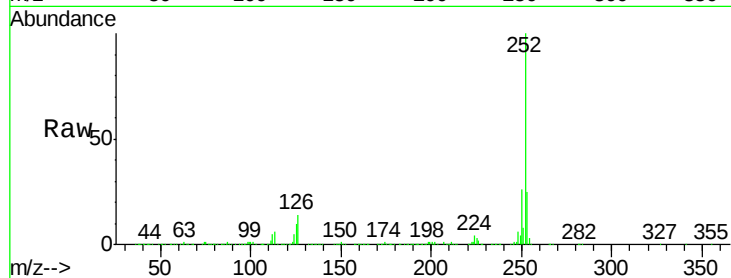
#89
Benzo(k)fluoranthene
Concen: 44.038 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.4
125	9.6	7.6	11.4

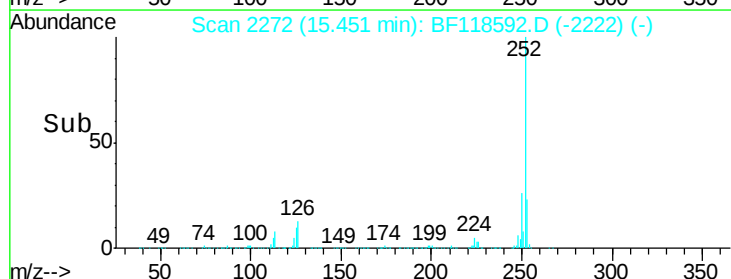
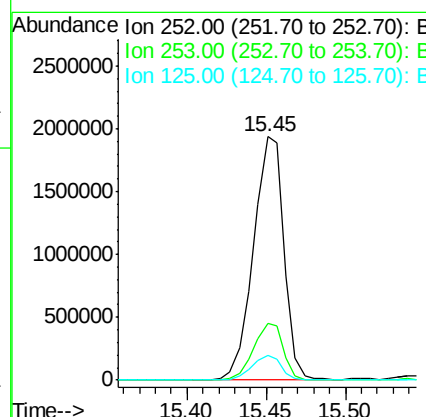
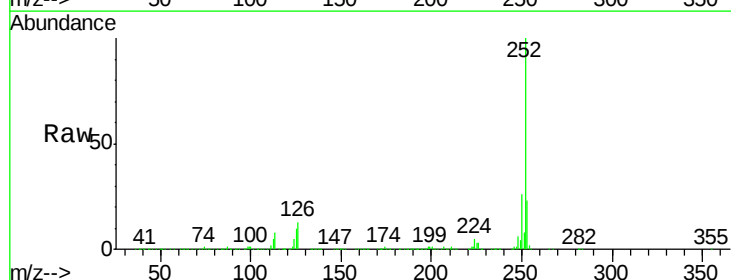
Manual Integrations
APPROVED

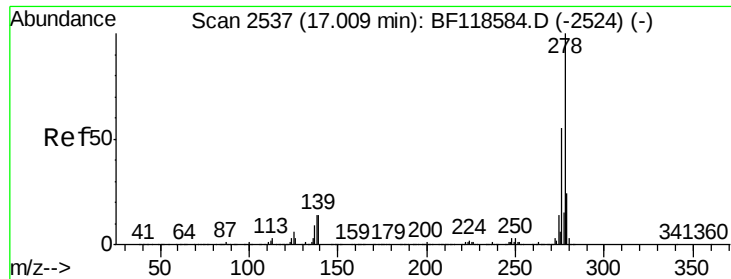
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#90
Benzo(a)pyrene
Concen: 41.580 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	10.4	7.8	11.6





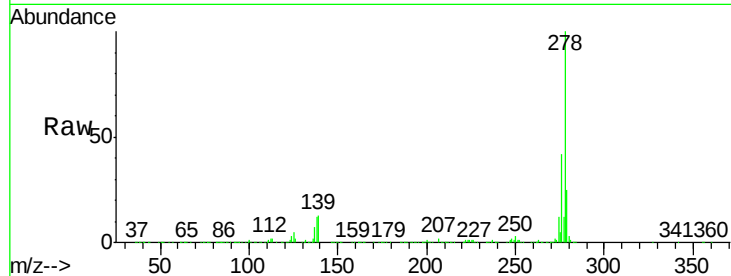
#91
Dibenzo(a,h)anthracene
Concen: 38.575 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

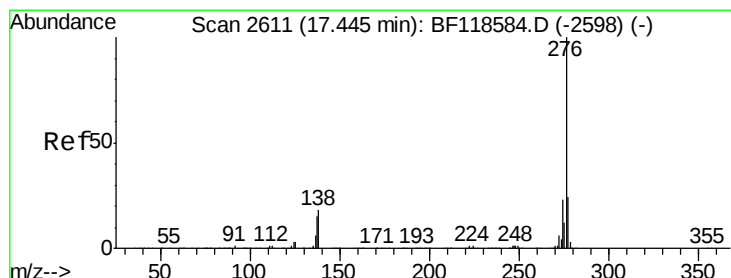
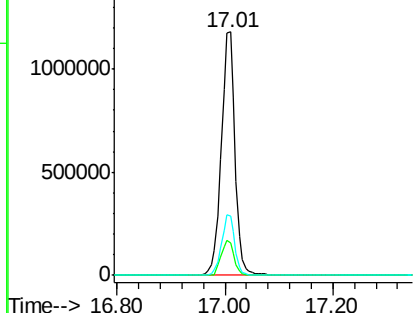
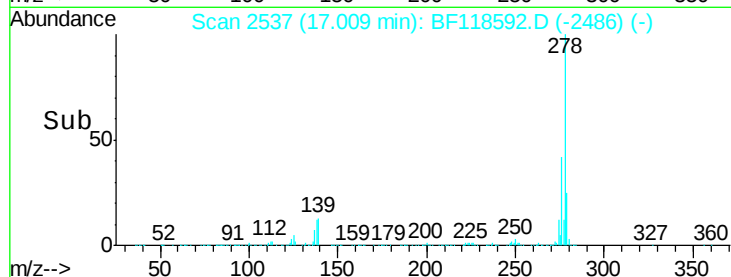
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.4	17.0
279	24.6	19.0	28.6

Manual Integrations
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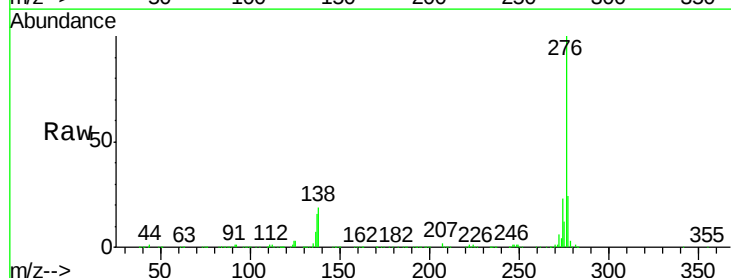


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.832 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118592.D
Acq: 20 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	19.3	14.4	21.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

