

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118618.D
 Acq On : 21 Jan 2020 5:16
 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 2:26:33 PM

Quant Time: Jan 21 05:56:19 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	6.89	152	412726	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1374862	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	666300	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1056832	20.00	ng	0.00
76) Chrysene-d12	14.04	240	840150	20.00	ng	0.00
87) Perylene-d12	15.52	264	764414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1898209	85.42	ng	0.00
7) Phenol-d6	6.51	99	2364794	81.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	2154836	87.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	603176	78.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3563371	87.90	ng	0.00
79) Terphenyl-d14	12.99	244	3566603	92.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	449595	41.771	ng	98
3) Pyridine	3.42	79	1265613	41.719	ng	99
4) n-Nitrosodimethylamine	3.36	42	520500	40.020	ng	92
6) Aniline	6.55	93	1526675	40.141	ng	99
8) 2-Chlorophenol	6.67	128	1029834	41.287	ng	98
9) Benzaldehyde	6.43	77	763576	43.470	ng	96
10) Phenol	6.52	94	1329327	40.385	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1023955	41.928	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1231504	42.182	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1233264	42.082	ng	100
14) 1,2-Dichlorobenzene	7.06	146	1165221	42.295	ng	99
15) Benzyl Alcohol	7.02	79	890931	38.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1400151	41.161	ng	99
17) 2-Methylphenol	7.13	107	823053	39.614	ng	99
18) Hexachloroethane	7.40	117	347272	32.679	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	777973	39.890	ng	99
20) 3+4-Methylphenols	7.29	107	1028118	40.530	ng	95
22) Acetophenone	7.29	105	1399207	42.961	ng	# 99
24) Nitrobenzene	7.46	77	1084701	43.098	ng	99
25) Isophorone	7.70	82	1863074	41.556	ng	99
26) 2-Nitrophenol	7.78	139	409768	38.179	ng	99
27) 2,4-Dimethylphenol	7.82	122	751350	40.540	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1261804	43.680	ng	99
29) 2,4-Dichlorophenol	8.02	162	849109	41.444	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	1016149	42.775	ng	99
31) Naphthalene	8.19	128	2683511	43.208	ng	100
32) Benzoic acid	7.91	122	448230m	32.225	ng	
33) 4-Chloroaniline	8.23	127	1172723	40.853	ng	99
34) Hexachlorobutadiene	8.32	225	645994	44.654	ng	99
35) Caprolactam	8.60	113	250273	37.328	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	777467	38.428	ng	100
37) 2-Methylnaphthalene	8.88	142	1797841	41.010	ng	99
38) 1-Methylnaphthalene	8.98	142	1691818	40.621	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	990127	47.492	ng	98

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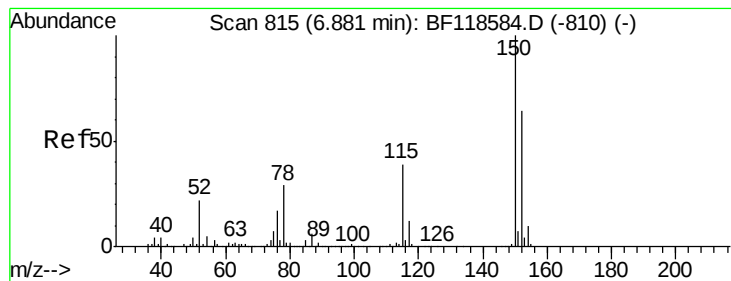
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	92452	8.789	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	602948	43.583	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	586020	41.476	nq	96
46) 1,1'-Biphenyl	9.35	154	2197627	47.856	nq	98
47) 2-Chloronaphthalene	9.37	162	1736222	44.857	nq	99
48) 2-Nitroaniline	9.46	65	537135	45.144	nq	99
49) Acenaphthylene	9.79	152	2381193	43.731	nq	98
50) Dimethylphthalate	9.64	163	2030261	46.769	nq	100
51) 2,6-Dinitrotoluene	9.70	165	384186	39.522	nq	91
52) Acenaphthene	9.96	154	1504019	41.307	nq	100
53) 3-Nitroaniline	9.87	138	499615	45.011	nq	95
54) 2,4-Dinitrophenol	9.97	184	23180	5.973	nq	# 1
55) Dibenzofuran	10.13	168	2172214	43.050	nq	99
56) 4-Nitrophenol	10.02	139	283911	33.882	nq	97
57) 2,4-Dinitrotoluene	10.10	165	442345	36.097	nq	93
58) Fluorene	10.47	166	1651070	41.681	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	465285	37.440	nq	99
60) Diethylphthalate	10.35	149	1960208	46.572	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	944317	43.832	nq	99
62) 4-Nitroaniline	10.48	138	465564	40.890	nq	96
63) Azobenzene	10.62	77	1715639	42.089	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	41124	8.849	nq	90
66) n-Nitrosodiphenylamine	10.58	169	1523983	47.816	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	604855	46.325	nq	# 93
68) Hexachlorobenzene	11.03	284	637694	43.079	nq	# 90
69) Atrazine	11.10	200	478775	43.341	nq	98
70) Pentachlorophenol	11.21	266	314508	38.214	nq	97
71) Phenanthrene	11.43	178	2263966	44.404	nq	96
72) Anthracene	11.49	178	2259188	44.781	nq	96
73) Carbazole	11.63	167	2014587	43.535	nq	97
74) Di-n-butylphthalate	11.97	149	2695038	52.420	nq	100
75) Fluoranthene	12.62	202	2338824	43.492	nq	96
77) Benzidine	12.74	184	1422770	63.380	nq	100
78) Pyrene	12.85	202	2363069	41.429	nq	96
80) Butylbenzylphthalate	13.47	149	1105744	47.368	nq	99
81) Benzo(a)anthracene	14.04	228	2200571	43.542	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	918725	51.015	nq	99
83) Chrysene	14.07	228	2086491	43.076	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1544072	54.141	nq	# 97
85) Di-n-octyl phthalate	14.64	149	2526294	59.845	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1745668	41.478	nq	99
88) Benzo(b)fluoranthene	15.09	252	1976814	41.142	nq	99
89) Benzo(k)fluoranthene	15.12	252	1853653	41.641	nq	97
90) Benzo(a)pyrene	15.46	252	1699122	40.994	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	1453918	39.655	nq	100
92) Benzo(g,h,i)perylene	17.44	276	1309770	36.793	nq	99

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



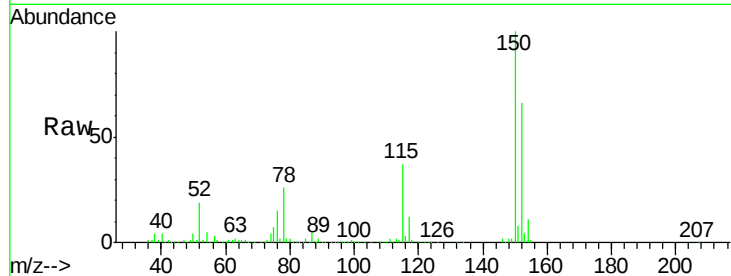
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.6	188.4
115	56.6	48.4	72.6

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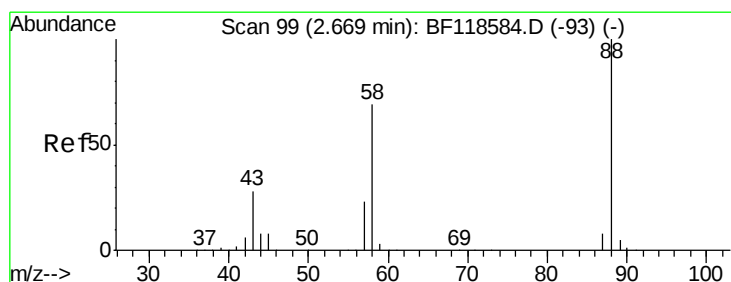
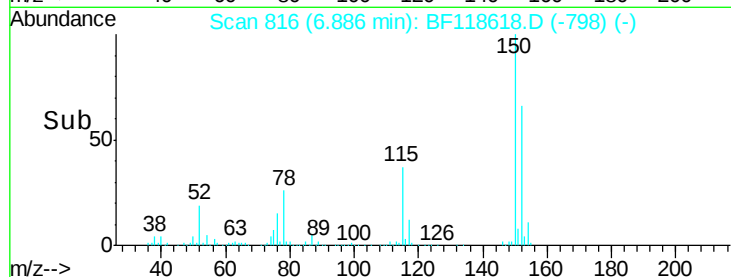
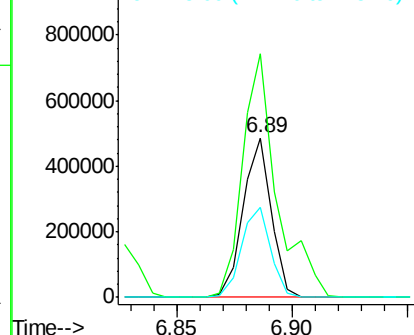


Abundance

Ion 152.00 (151.70 to 152.70): E

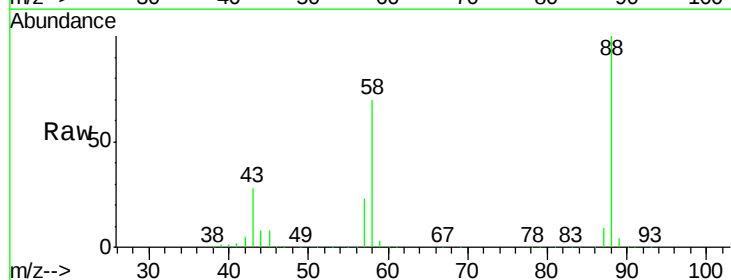
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
1,4-Dioxane
Concen: 41.771 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	56.1	84.1
43	27.5	23.0	34.6

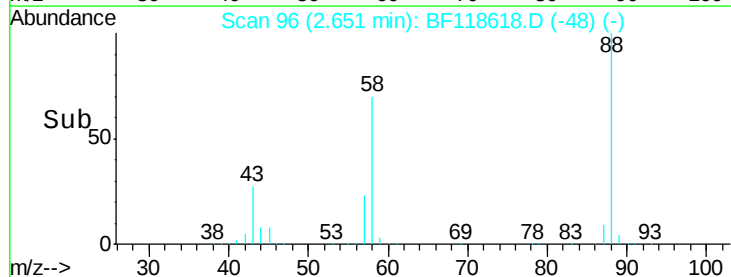
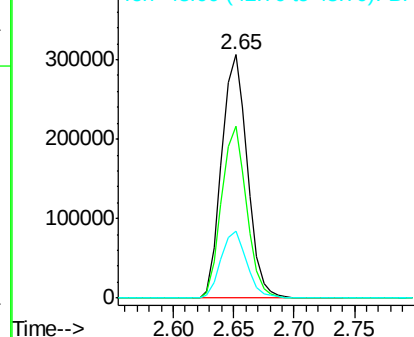


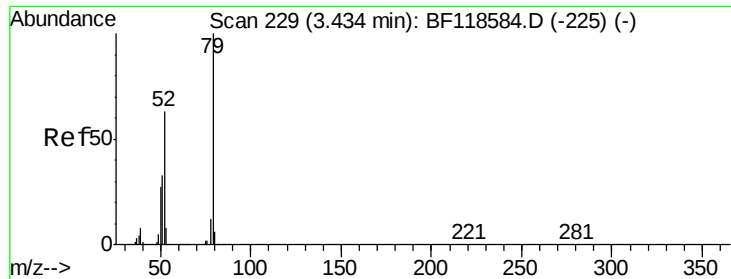
Abundance

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





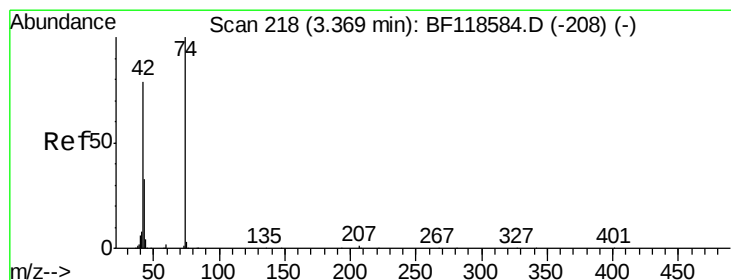
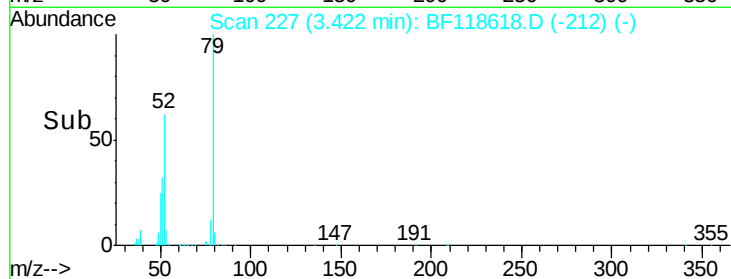
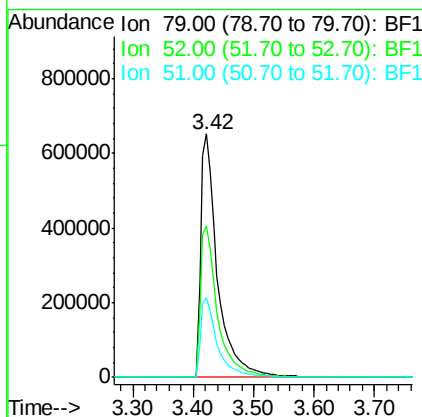
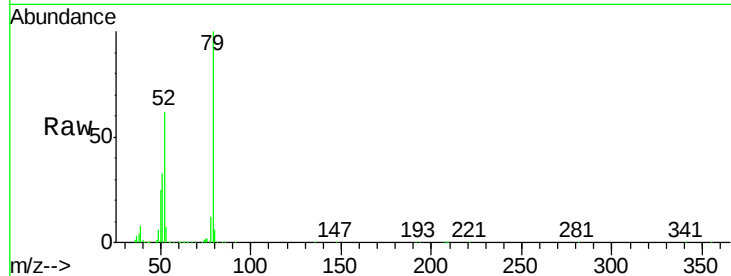
#3
 Pvridine
 Concen: 41.719 ng
 RT: 3.42 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1265613
 Ion Ratio Lower Upper
 79 100
 52 62.4 50.7 76.1
 51 32.6 26.6 40.0

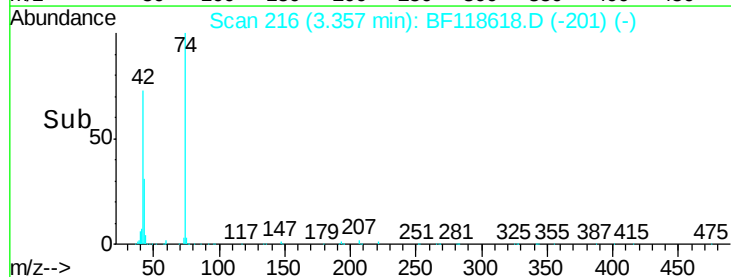
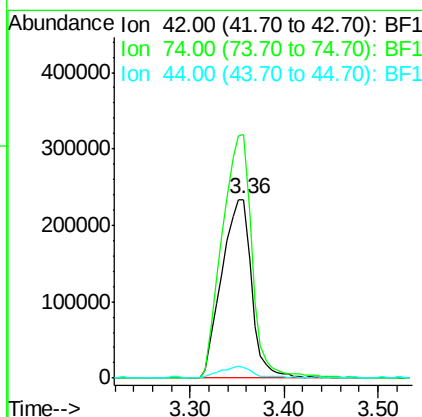
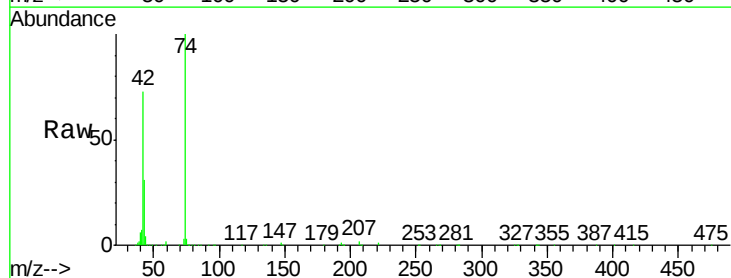
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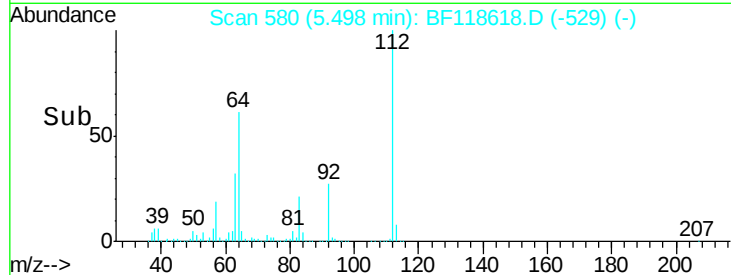
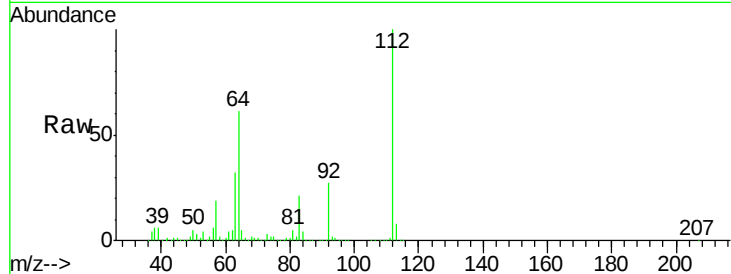
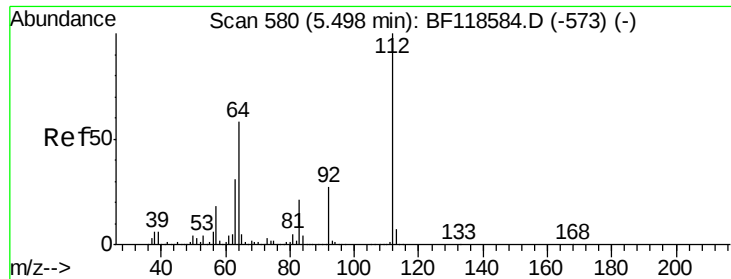
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#4
 n-Nitrosodimethylamine
 Concen: 40.020 ng
 RT: 3.36 min Scan# 216
 Delta R.T. -0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion: 42 Resp: 520500
 Ion Ratio Lower Upper
 42 100
 74 136.1 101.6 152.4
 44 6.0 4.9 7.3





#5

2-Fluorophenol

Concen: 85.419 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1898209

Ion Ratio Lower Upper

112 100

64 61.0 46.6 70.0

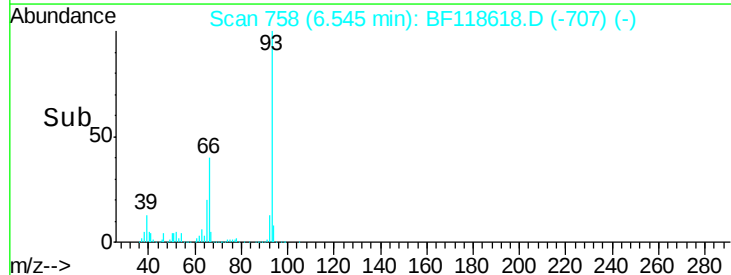
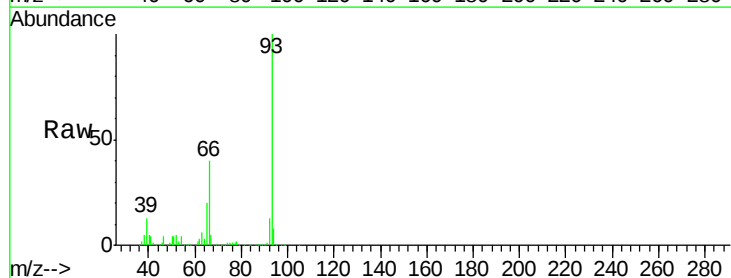
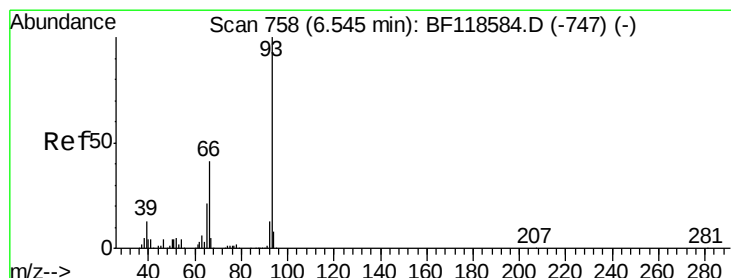
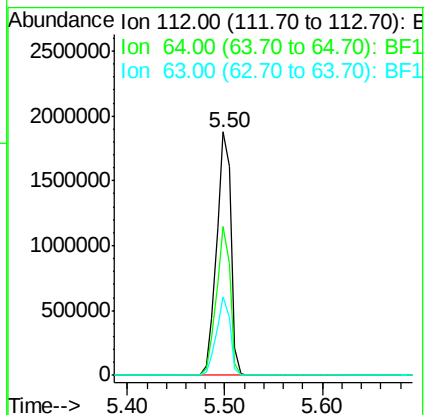
63 32.2 25.1 37.7

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#6

Aniline

Concen: 40.141 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

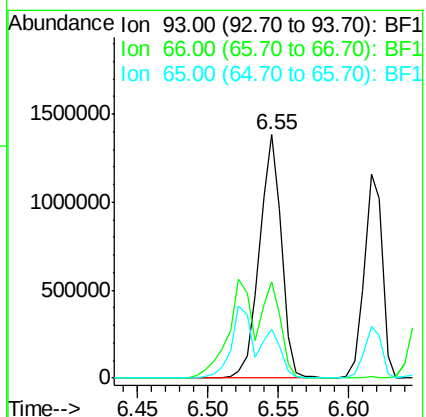
Tgt Ion: 93 Resp: 1526675

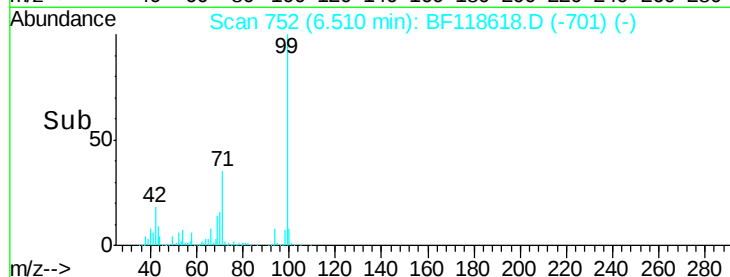
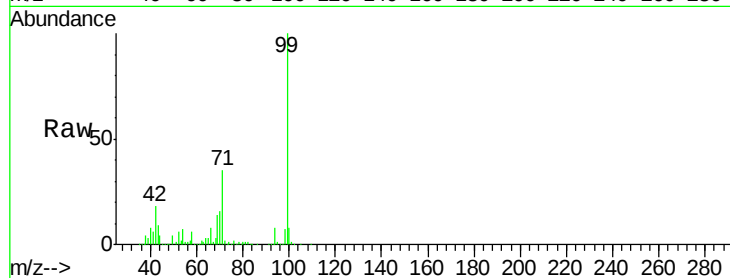
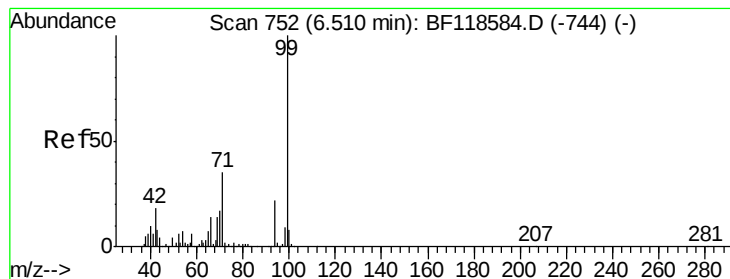
Ion Ratio Lower Upper

93 100

66 39.8 32.8 49.2

65 20.3 16.5 24.7





#7

Phenol-d6

Concen: 81.874 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tot Ion: 99 Resp: 2364794

Ion Ratio Lower Upper

99 100

42 18.4 14.2 21.2

71 35.5 27.8 41.6

Instrument :

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ClientSampleId :

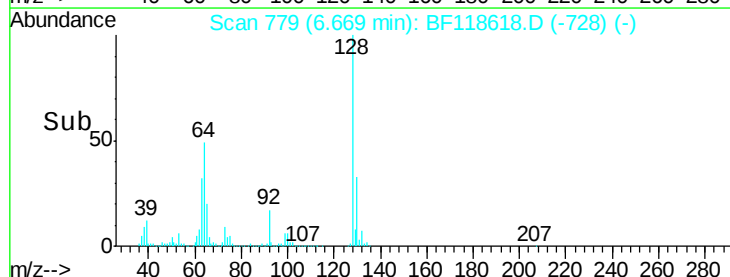
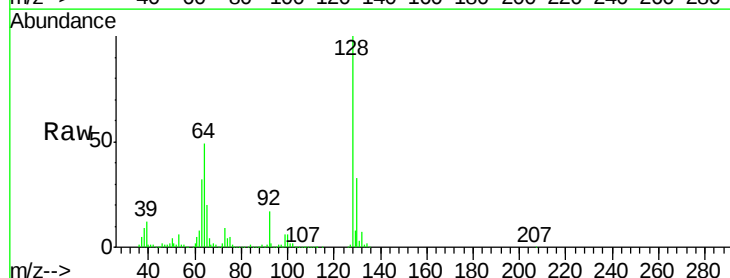
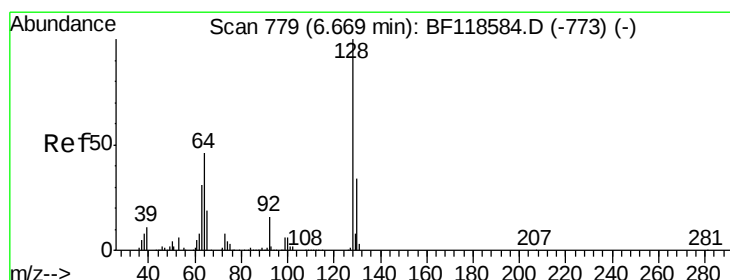
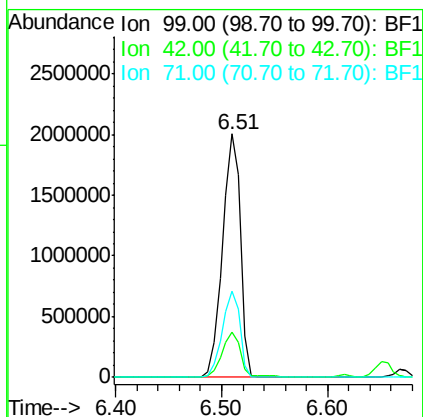
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#8

2-Chlorophenol

Concen: 41.287 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

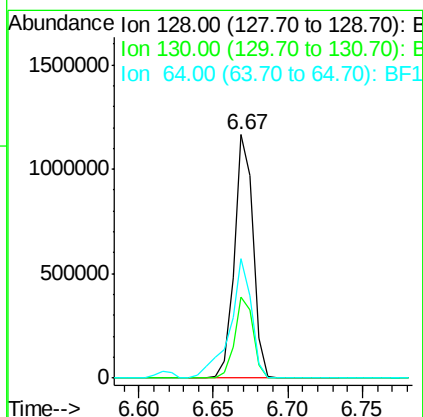
Tgt Ion:128 Resp: 1029834

Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

64 48.8 26.4 66.4





#9

Benzaldehyde

Concen: 43.470 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

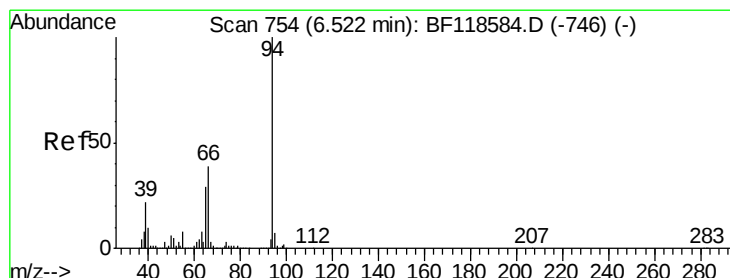
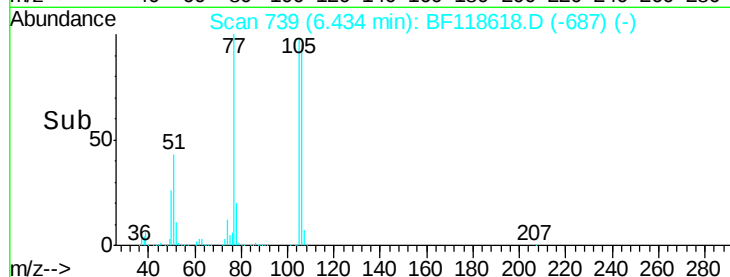
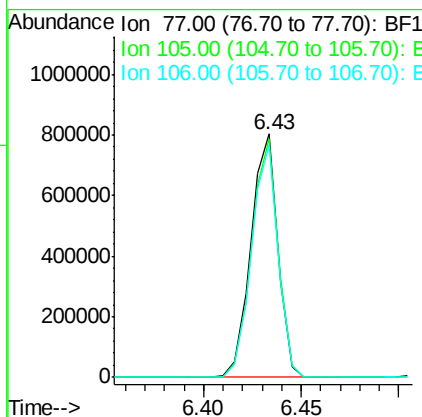
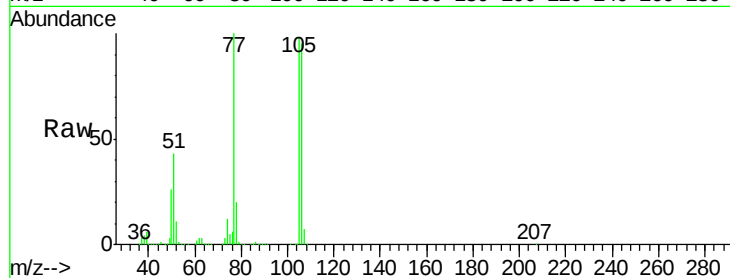
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	763576
Ion	Ratio	Lower	Upper
77	100		
105	97.8	73.5	113.5
106	95.5	71.9	111.9

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#10

Phenol

Concen: 40.385 ng

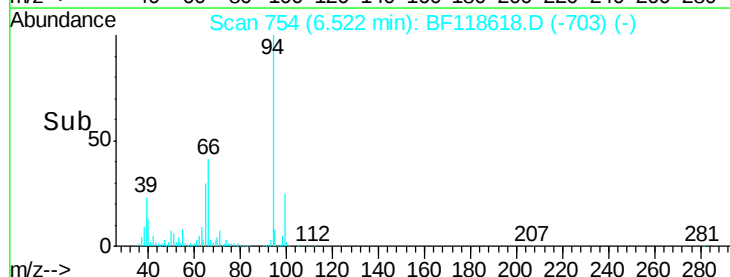
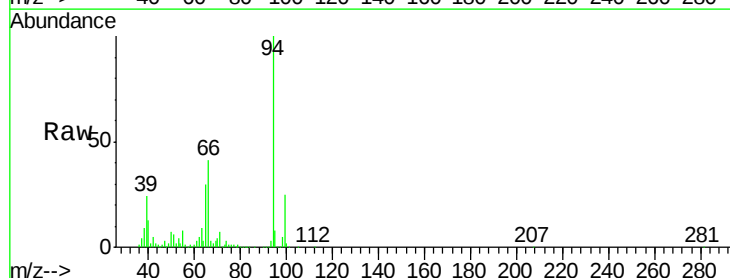
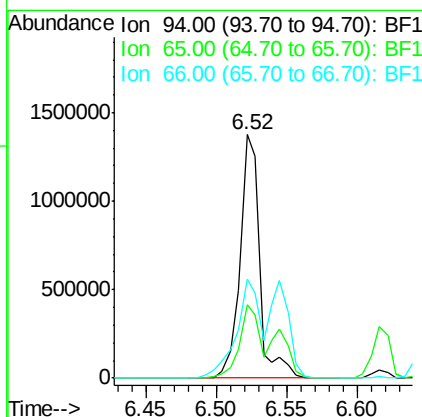
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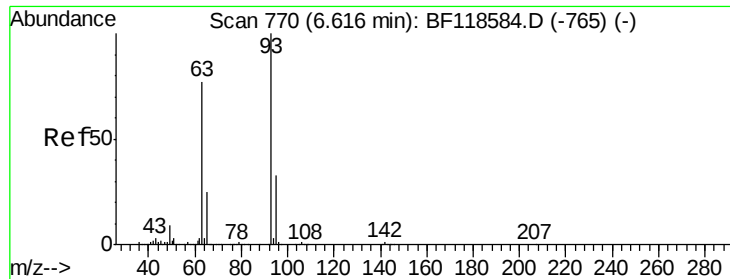
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	94	Resp:	1329327
Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.5	49.5
66	40.8	18.5	58.5





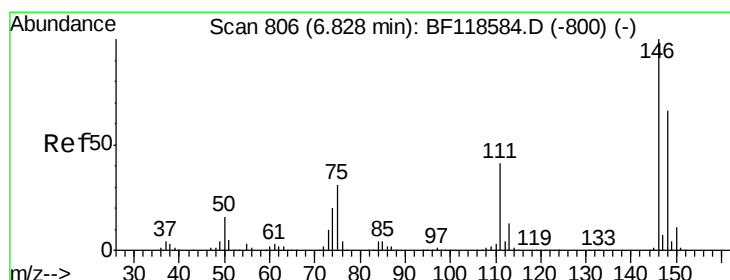
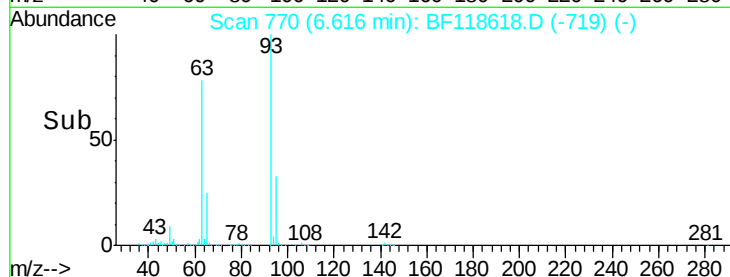
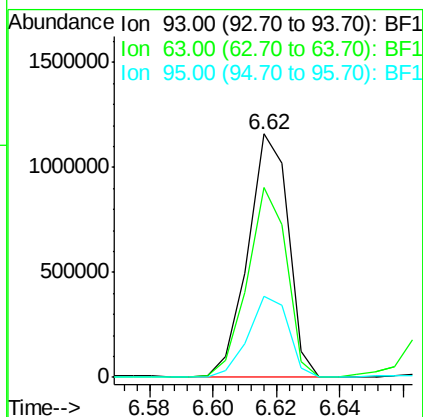
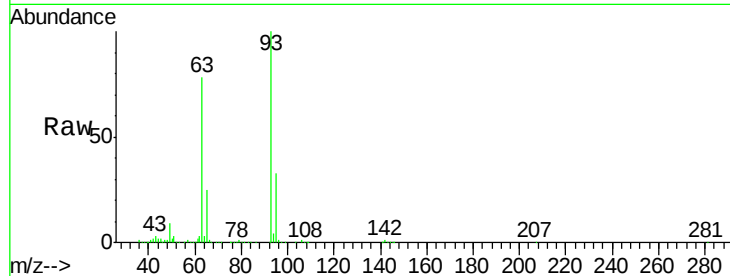
#11
bis(2-Chloroethyl)ether
Concen: 41.928 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	56.3	96.3
95	33.4	13.3	53.3

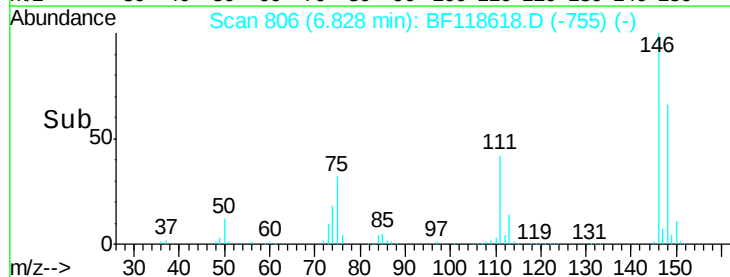
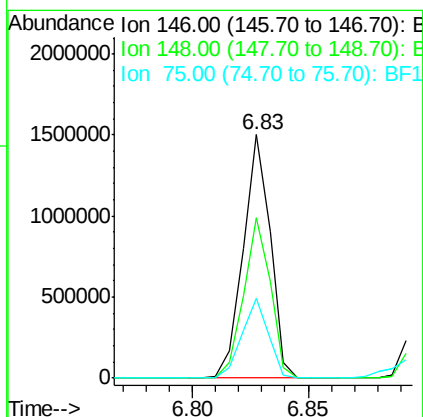
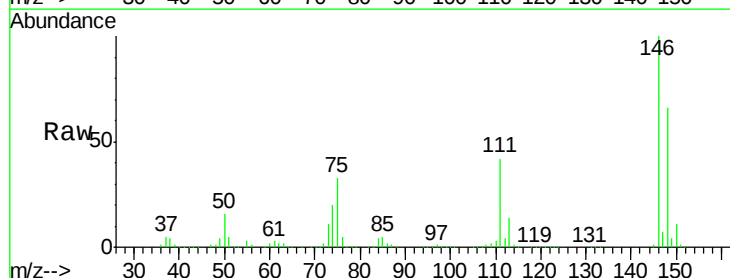
Manual Integrations
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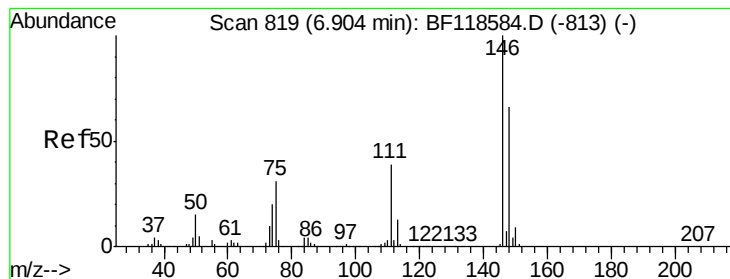
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.182 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.0	79.6
75	33.0	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 42.082 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1233264

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

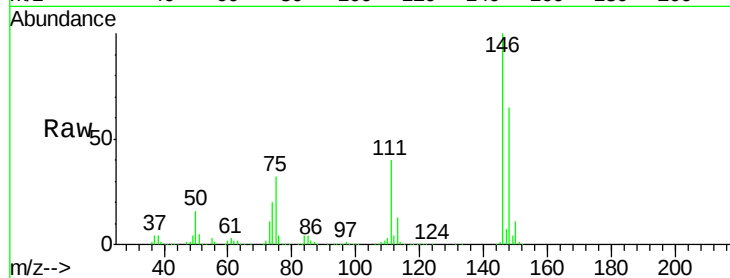
111 40.2 31.6 47.4

Manual Integrations

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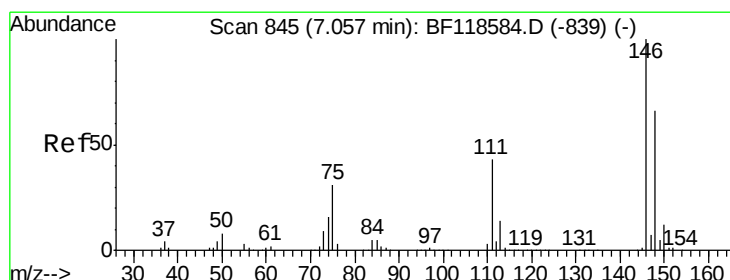
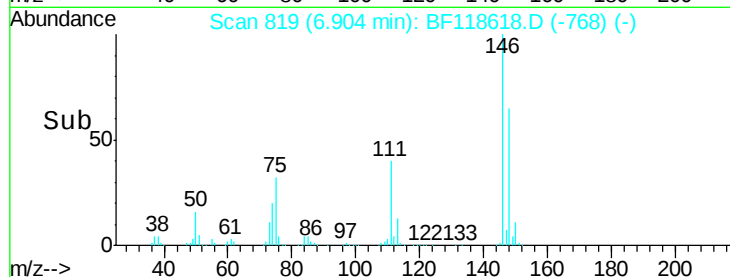
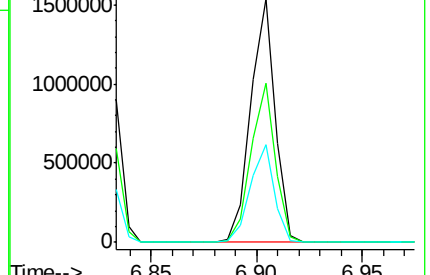
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.295 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

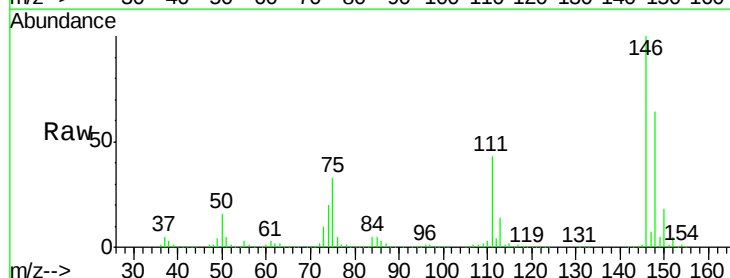
Tgt Ion:146 Resp: 1165221

Ion Ratio Lower Upper

146 100

148 64.3 52.7 79.1

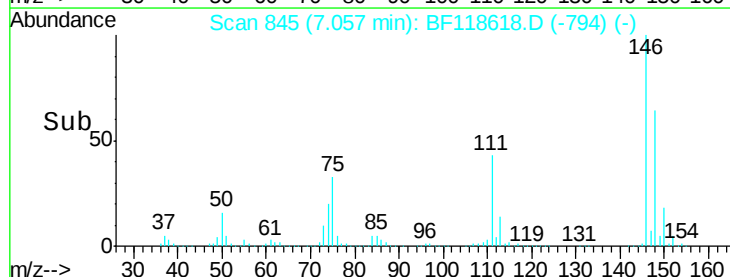
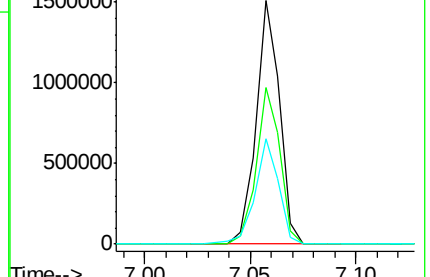
111 43.4 34.6 52.0

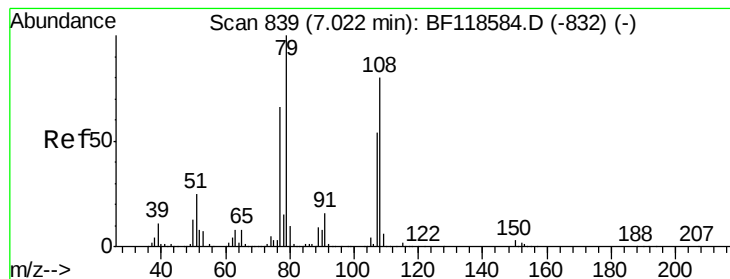


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.896 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

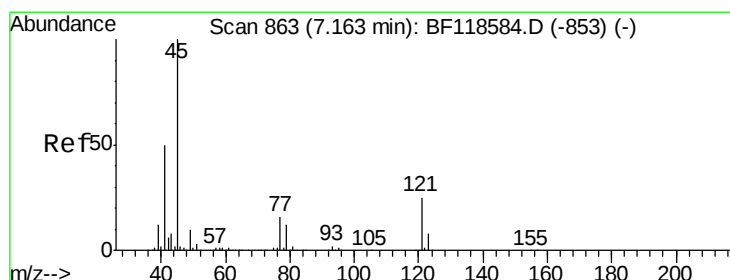
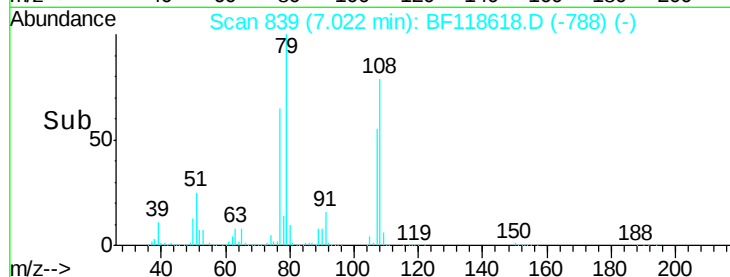
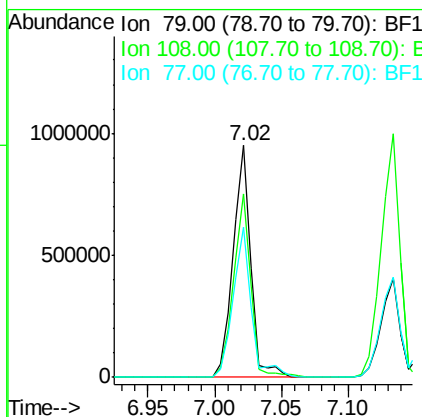
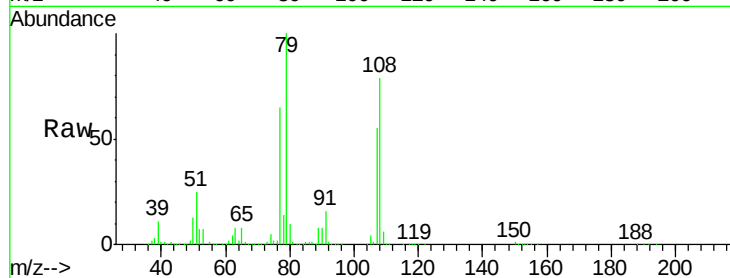
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	890931
Ion Ratio	Lower	Upper	
79	100		
108	79.0	63.6	95.4
77	64.7	52.5	78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.161 ng

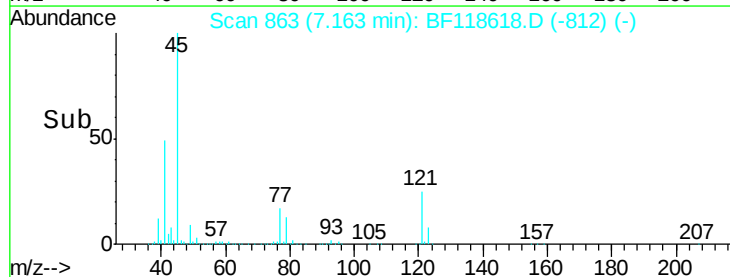
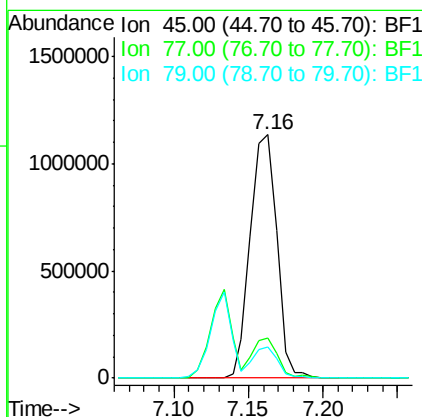
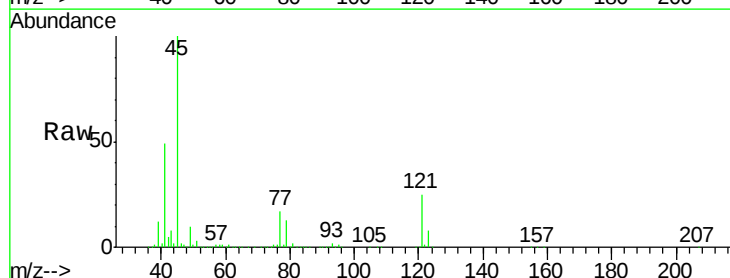
RT: 7.16 min Scan# 863

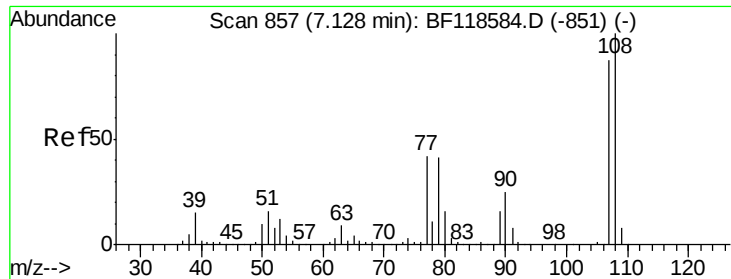
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	45	Resp:	1400151
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	36.1
79	13.0	0.0	32.4





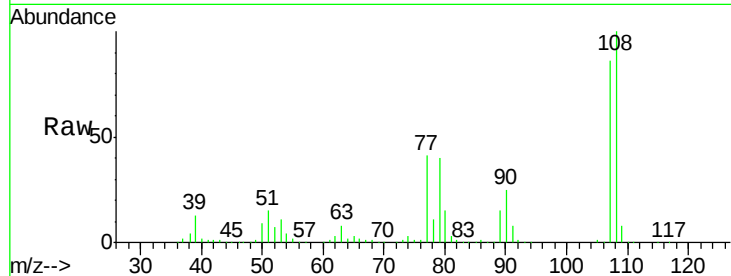
#17
2-Methylphenol
Concen: 39.614 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.5	137.3
77	48.1	38.7	58.1
79	47.1	37.7	56.5

Manual Integrations
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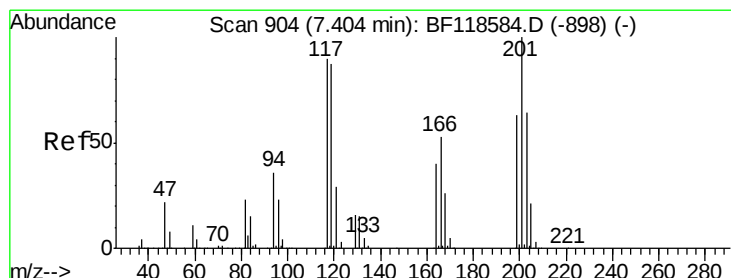
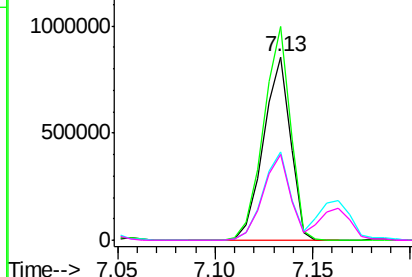
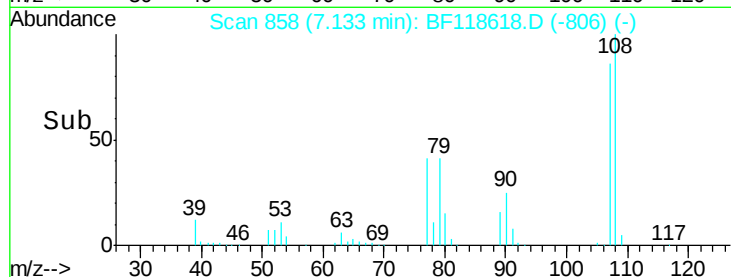
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

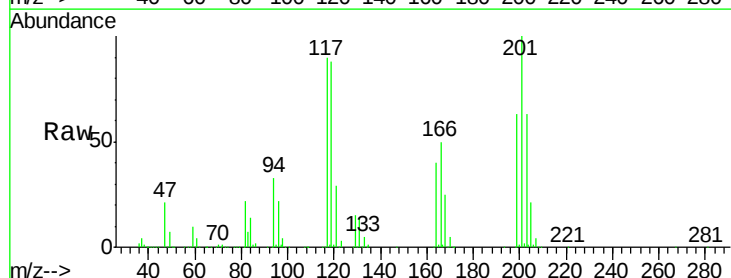
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.679 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.6	116.4
201	111.7	88.8	133.2

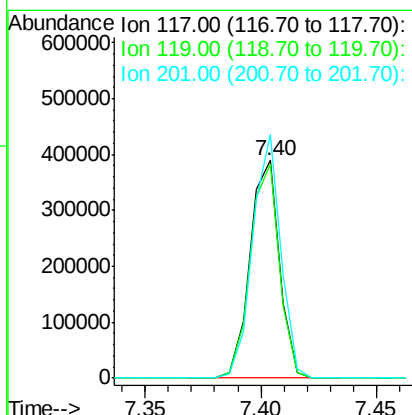
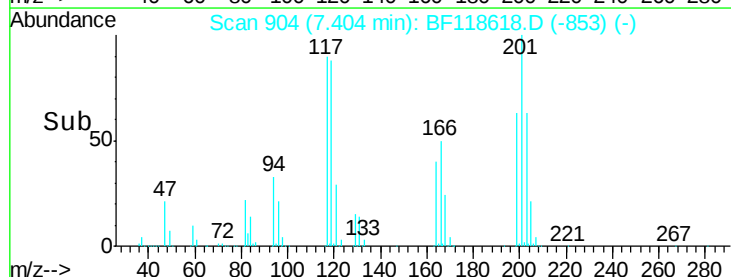


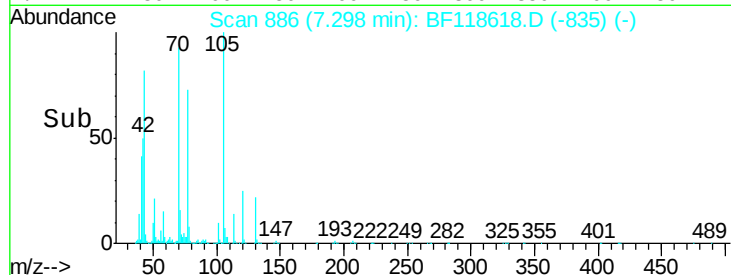
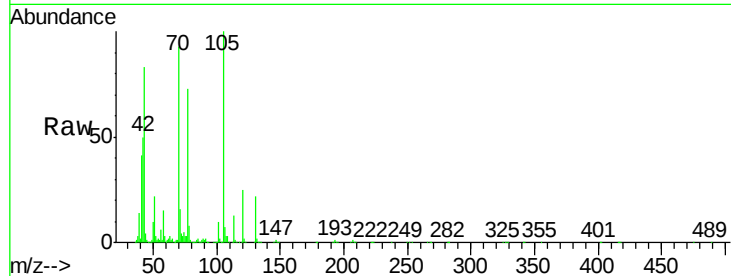
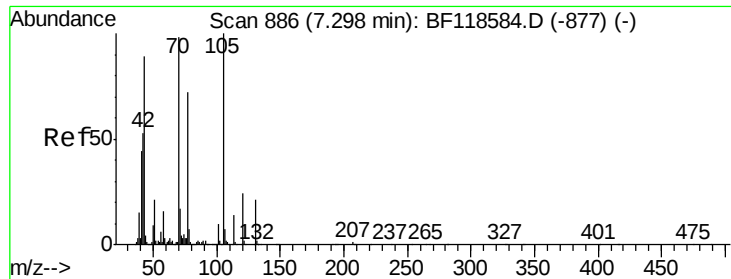
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





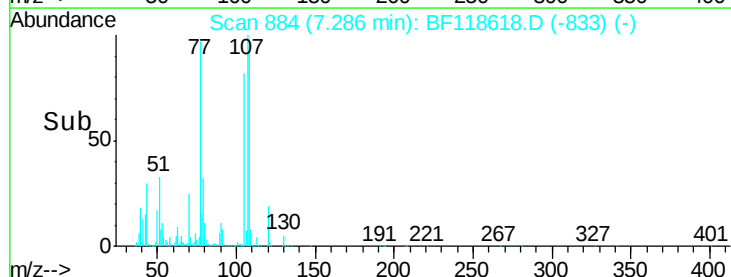
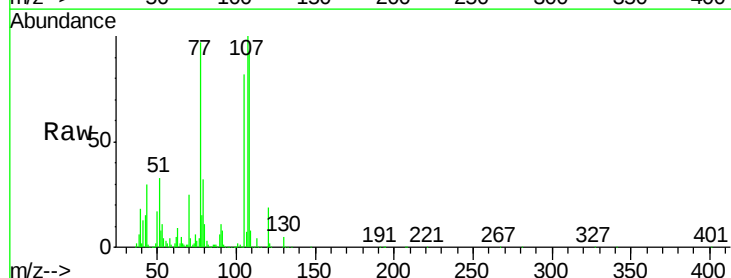
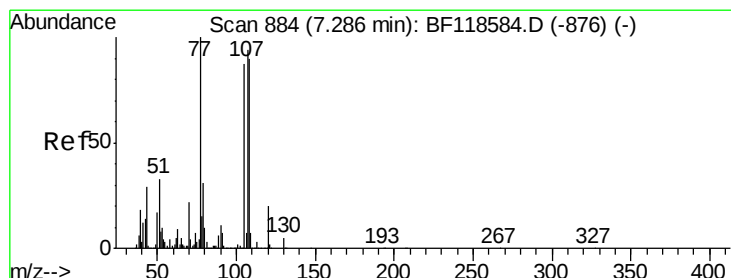
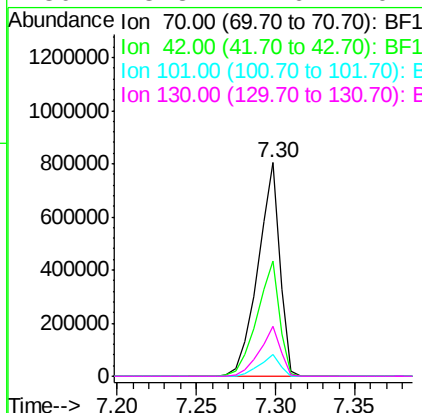
#19
n-Nitroso-di-n-propylamine
Concen: 39.890 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	43.4	65.0
101	10.3	8.1	12.1
130	23.3	17.6	26.4

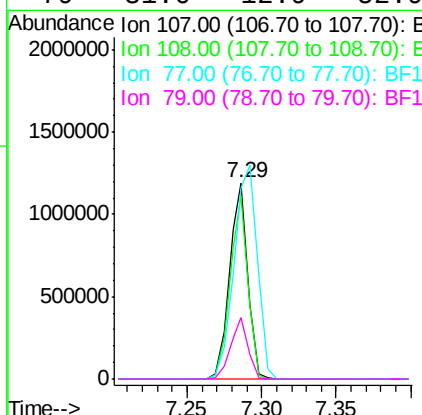
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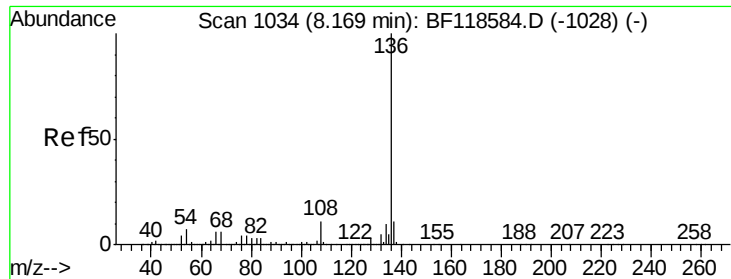
mohammad
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#20
3+4-Methylphenols
Concen: 40.530 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	75.8	115.8
77	97.3	86.5	126.5
79	31.6	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: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1374862

Ion Ratio Lower Upper

136 100

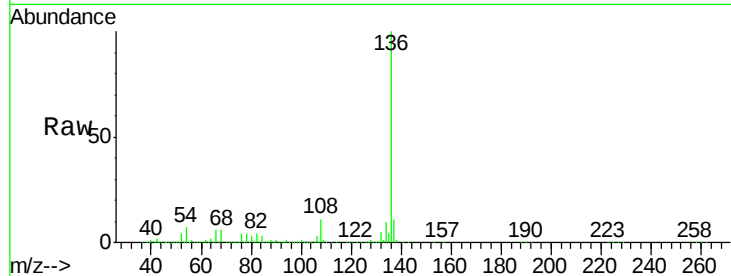
137 11.4 9.1 13.7

54 7.4 5.8 8.6

68 6.2 5.0 7.4

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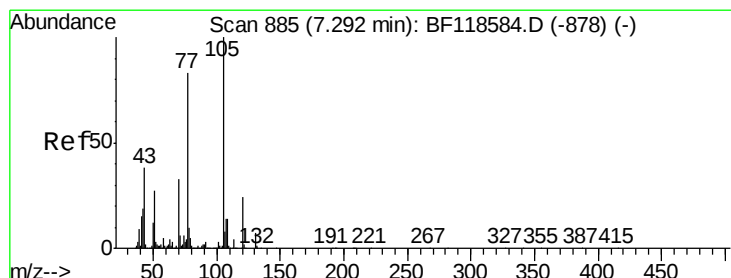
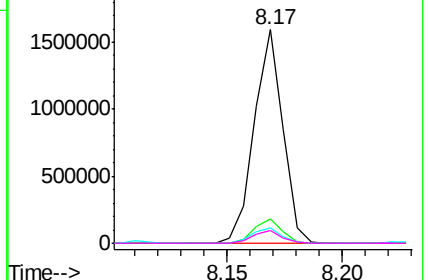
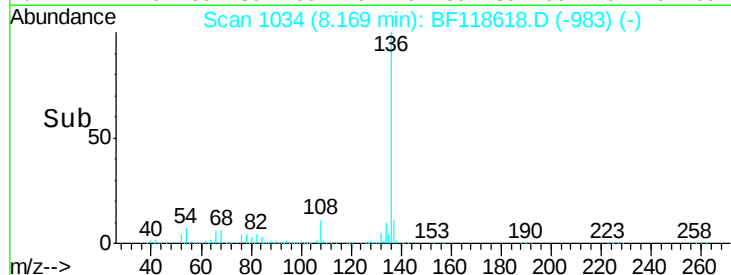


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.961 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:105 Resp: 1399207

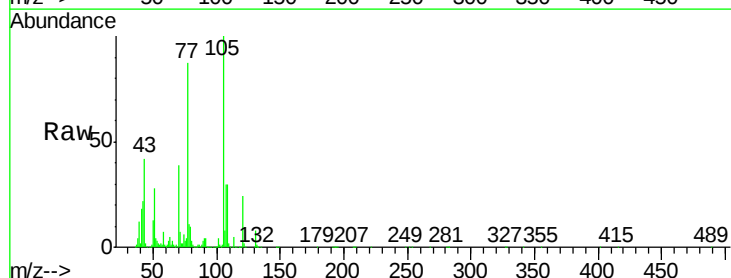
Ion Ratio Lower Upper

105 100

71 6.8 4.5 6.7#

51 28.0 21.5 32.3

120 23.7 19.0 28.6

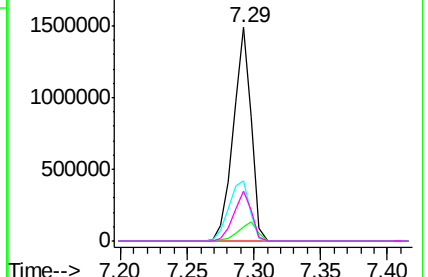
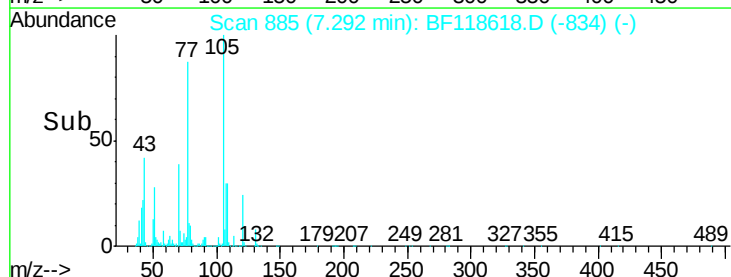


Abundance Ion 105.00 (104.70 to 105.70): E

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





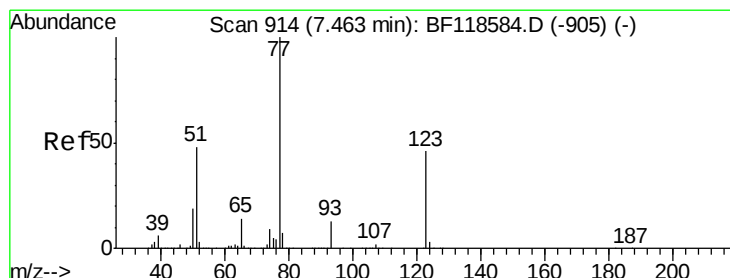
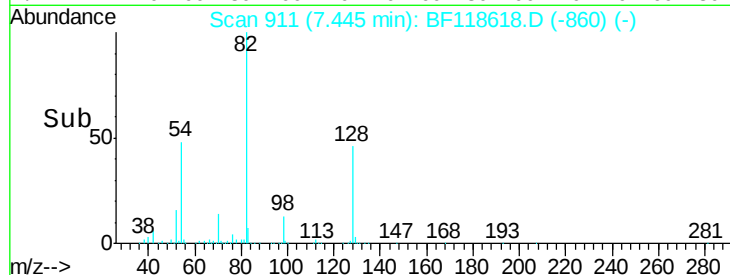
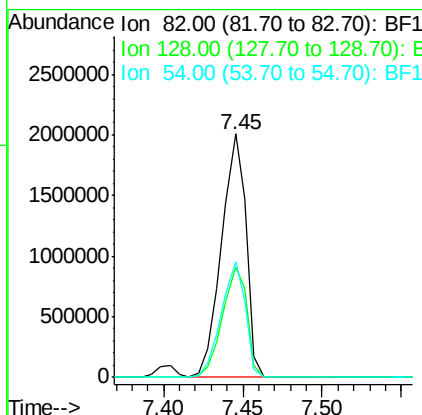
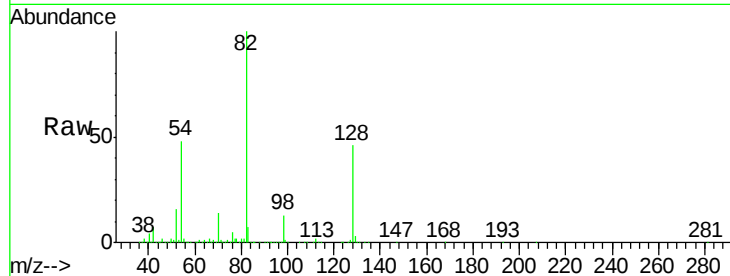
#23
 Nitrobenzene-d5
 Concen: 87.666 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 2154836
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.6 54.8
 54 47.7 38.0 57.0

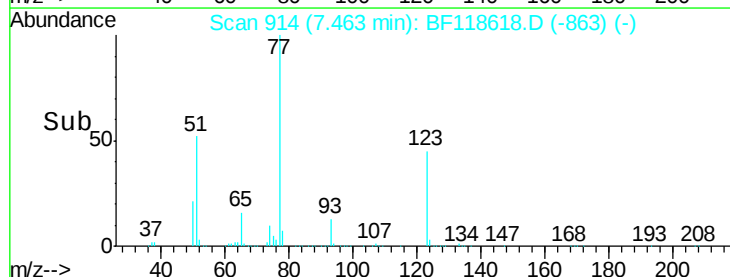
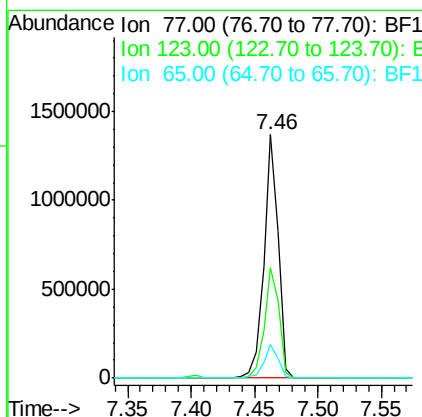
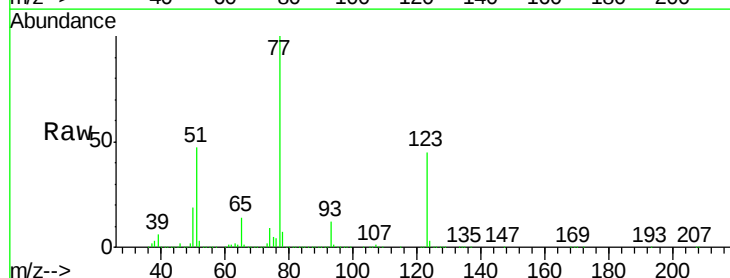
Manual Integrations
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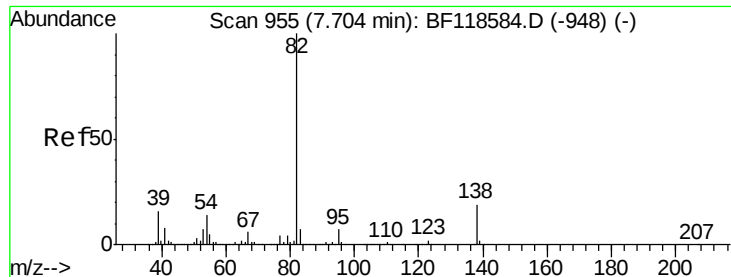
mohammad
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#24
 Nitrobenzene
 Concen: 43.098 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion: 77 Resp: 1084701
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.0 55.4
 65 14.0 11.1 16.7





#25

Isophorone

Concen: 41.556 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1863074

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

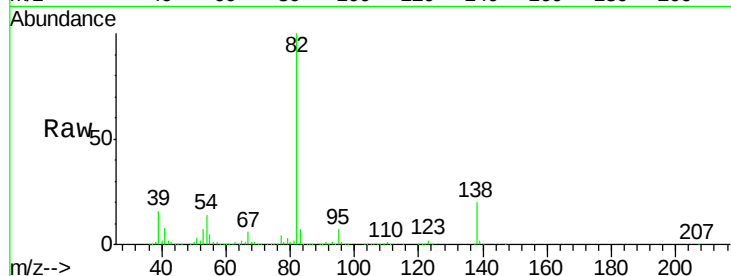
138 19.8 15.3 22.9

Manual Integrations

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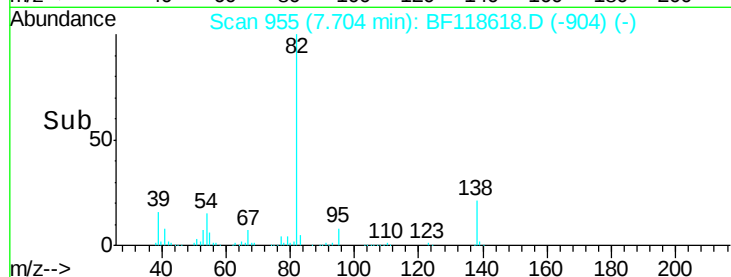


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->

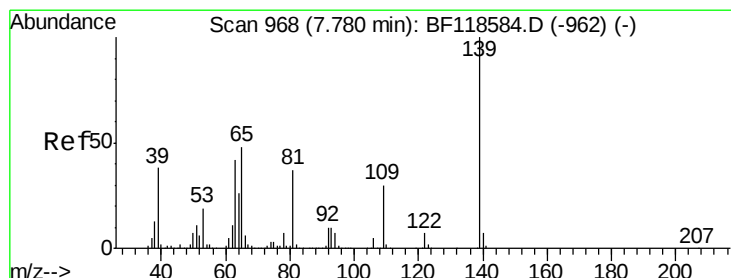


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#26

2-Nitrophenol

Concen: 38.179 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

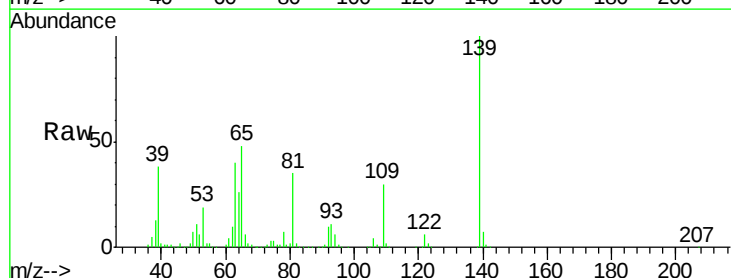
Tgt Ion: 139 Resp: 409768

Ion Ratio Lower Upper

139 100

109 29.6 23.8 35.8

65 47.6 38.5 57.7

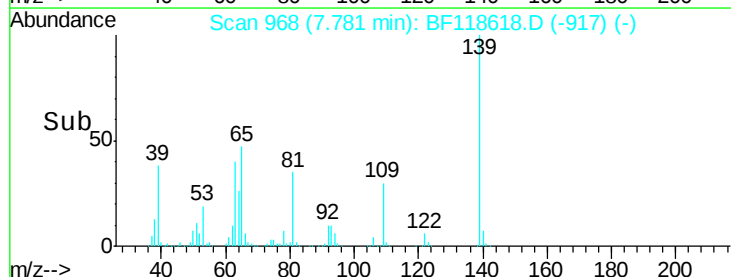


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->

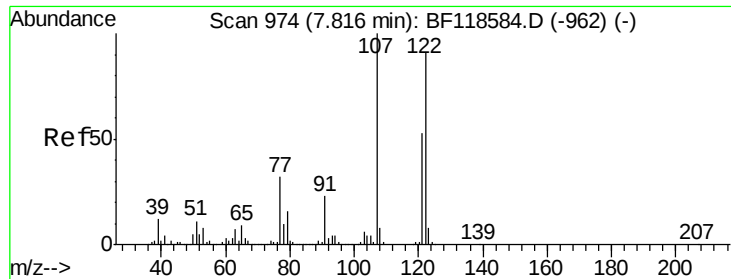


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



#27

2,4-Dimethylphenol

Concen: 40.540 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

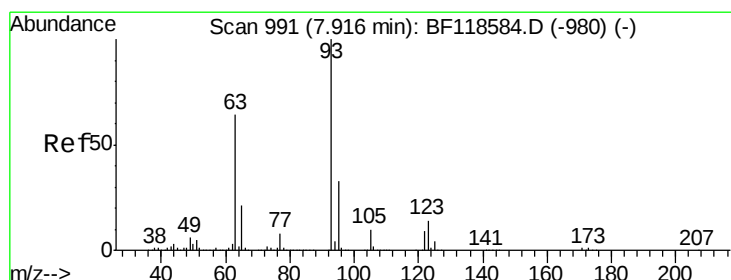
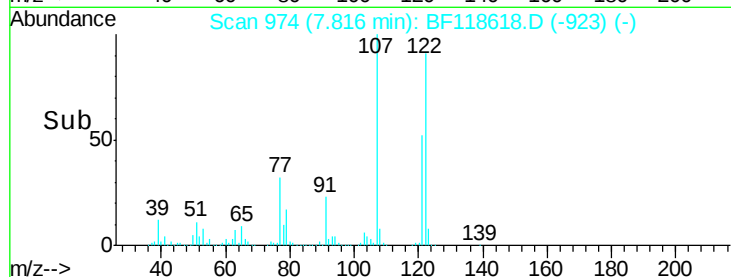
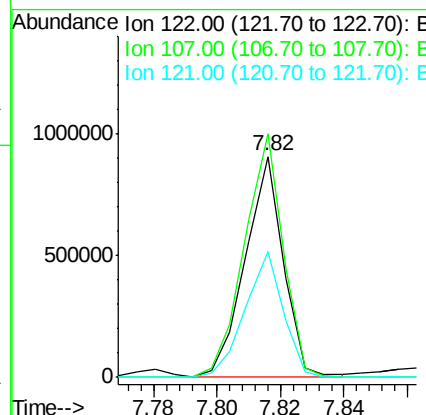
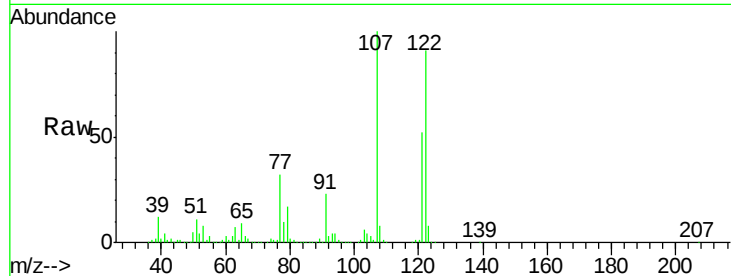
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	751350
Ion Ratio	Lower	Upper	
122	100		
107	110.1	88.0	132.0
121	57.1	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.680 ng

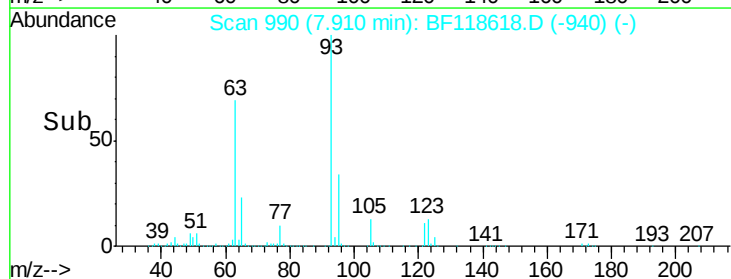
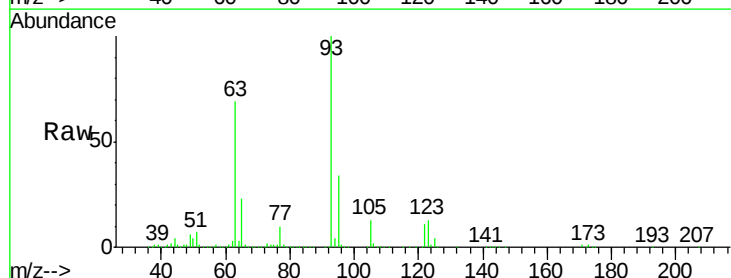
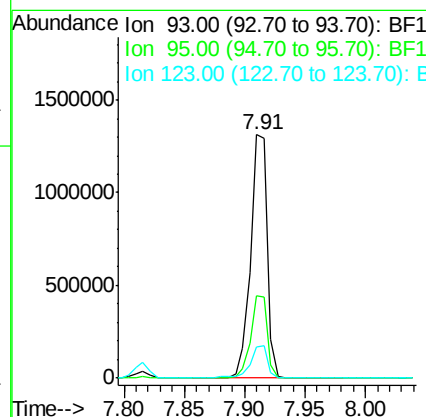
RT: 7.91 min Scan# 990

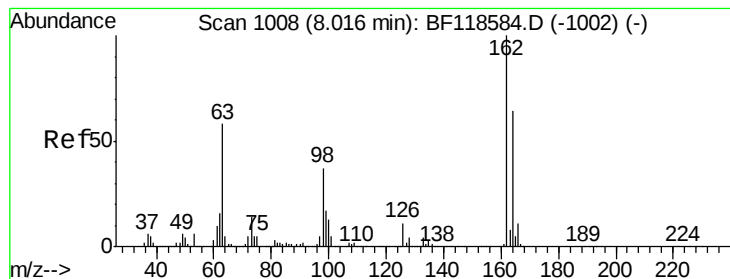
Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	93	Resp:	1261804
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.7	40.1
123	12.7	11.0	16.6





#29

2,4-Dichlorophenol

Concen: 41.444 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

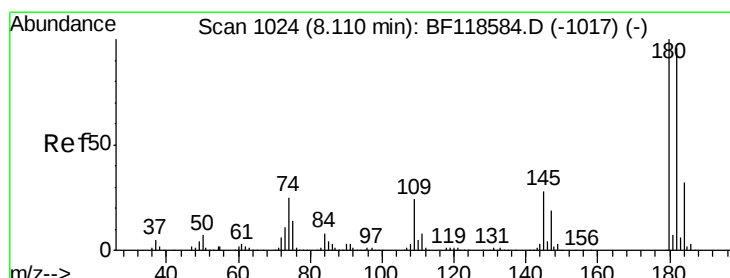
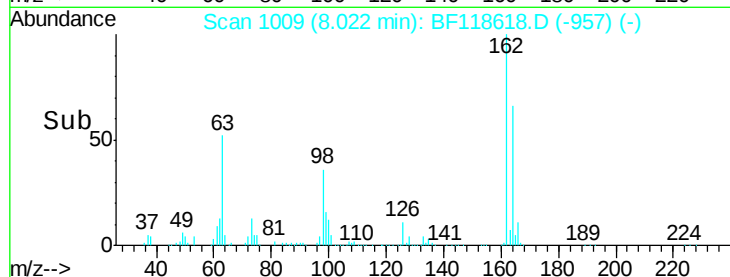
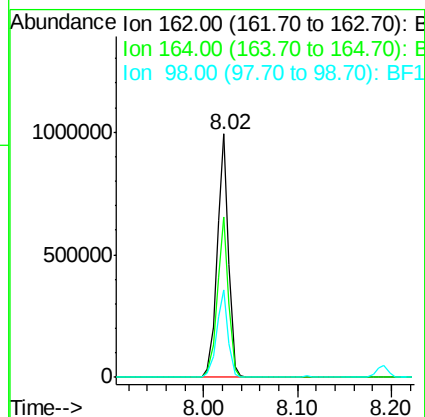
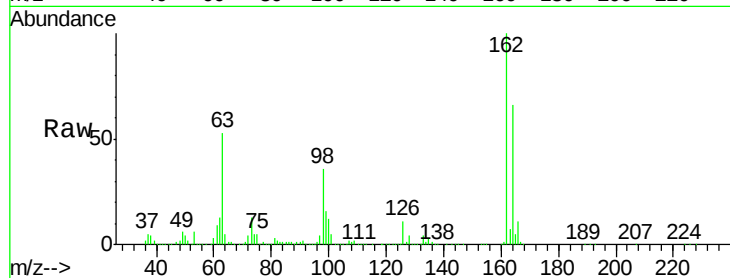
ClientSampled :

SSTDCCC040

Tot Ion:	162	Resp:	849109
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.3	84.3
98	36.0	17.5	57.5

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#30

1,2,4-Trichlorobenzene

Concen: 42.775 ng

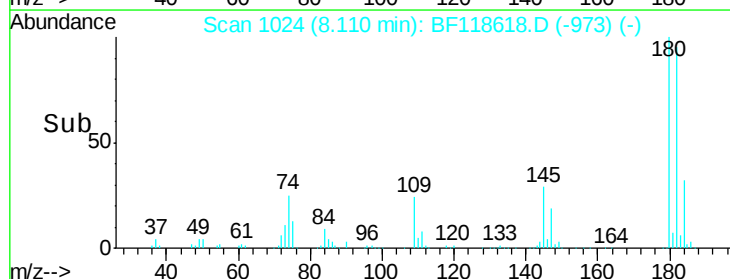
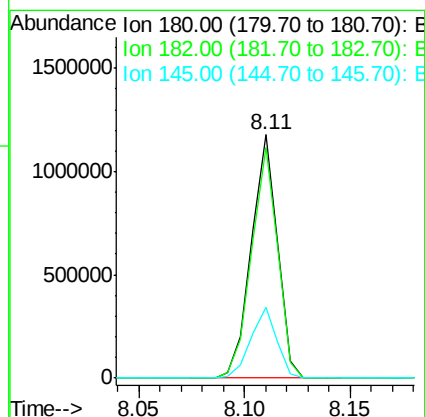
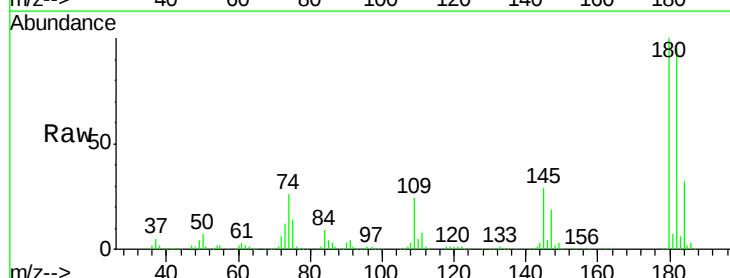
RT: 8.11 min Scan# 1024

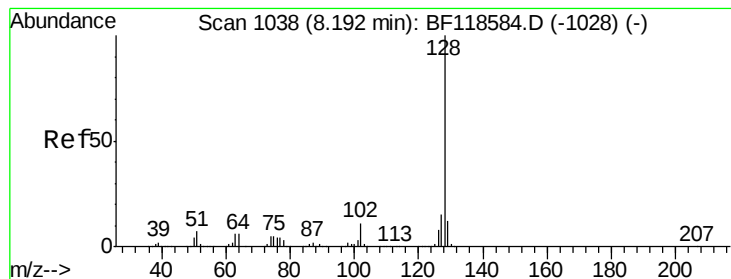
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	180	Resp:	1016149
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.9	115.3
145	29.2	22.8	34.2





#31

Naphthalene

Concen: 43.208 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2683511

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

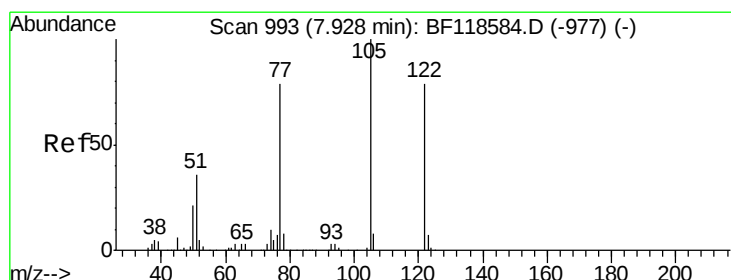
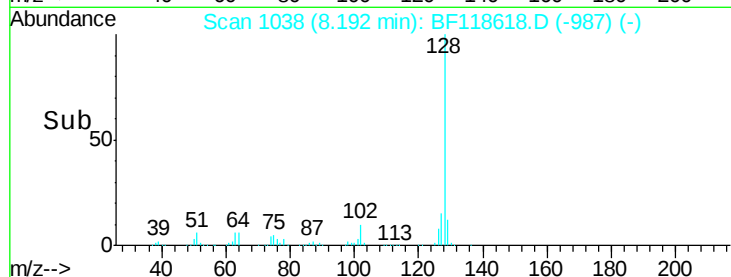
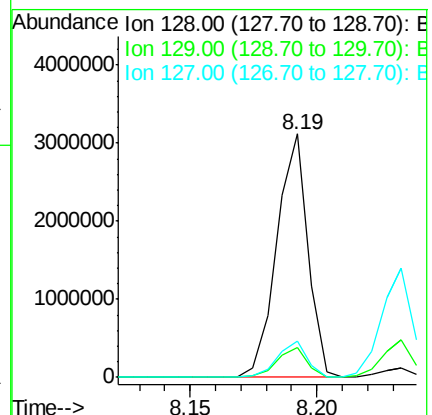
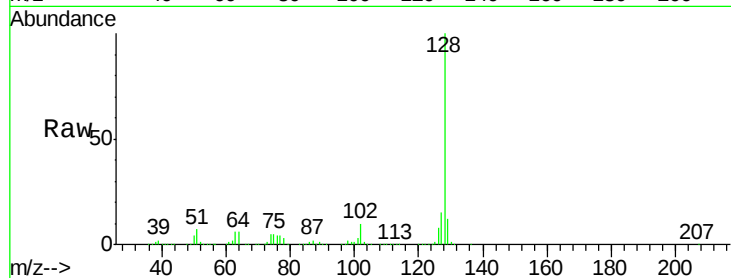
127 14.8 12.0 18.0

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#32

Benzoic acid

Concen: 32.225 ng m

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

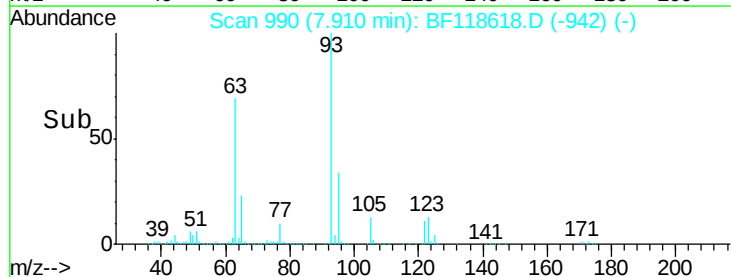
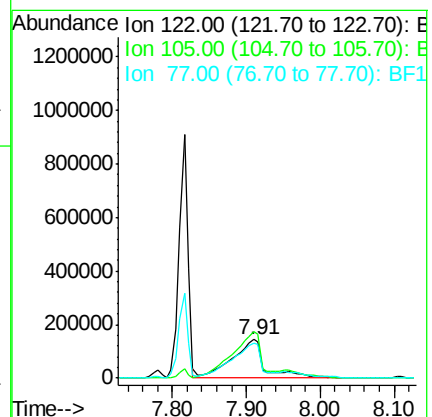
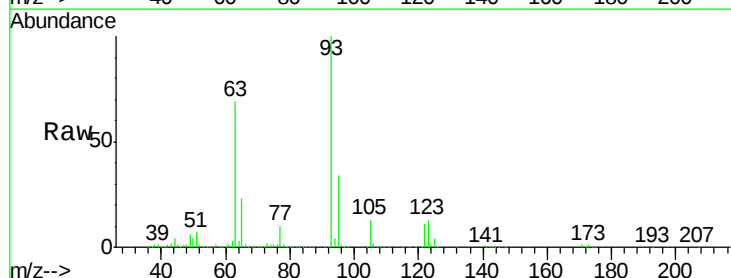
Tgt Ion:122 Resp: 448230

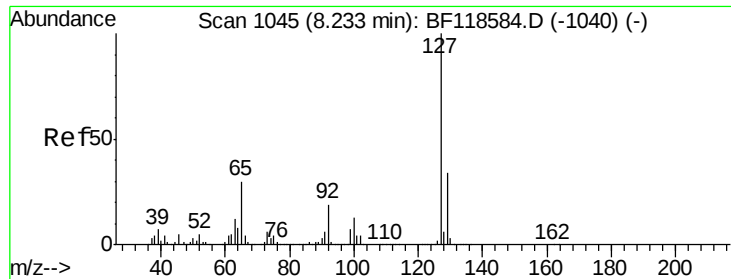
Ion Ratio Lower Upper

122 100

105 120.7 104.3 144.3

77 91.6 79.4 119.4





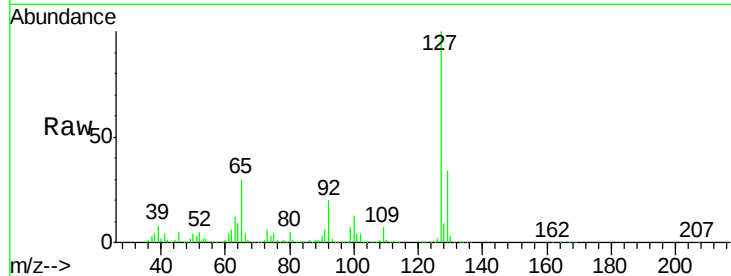
#33
4-Chloroaniline
Concen: 40.853 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

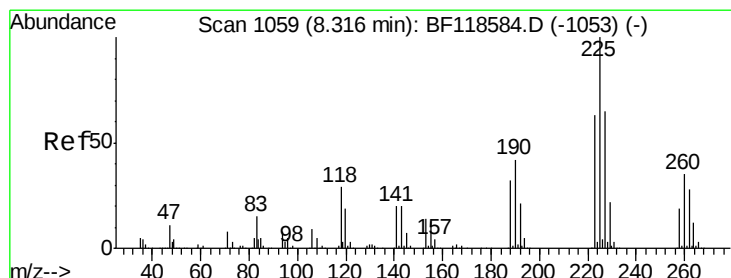
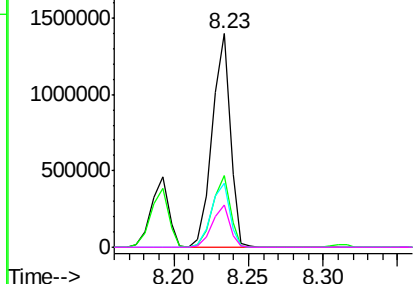
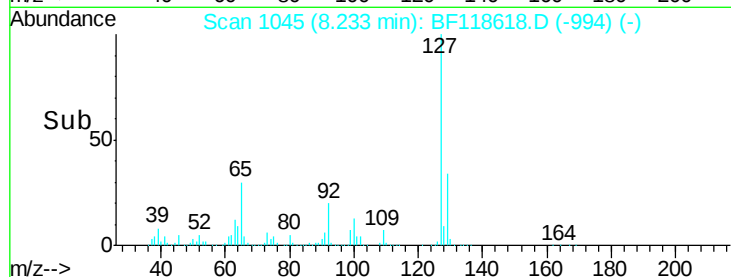
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.8	27.4	41.0	
65	29.8	23.6	35.4	
92	19.5	15.0	22.4	

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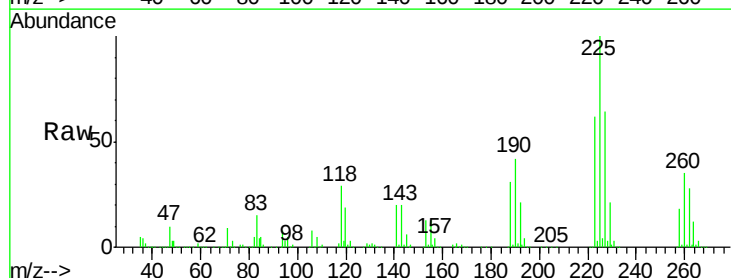


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

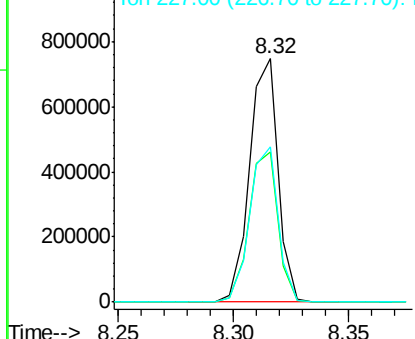
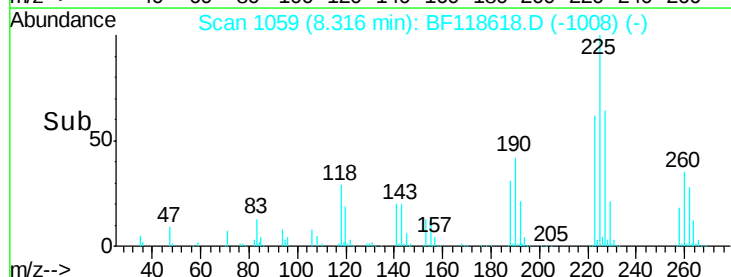


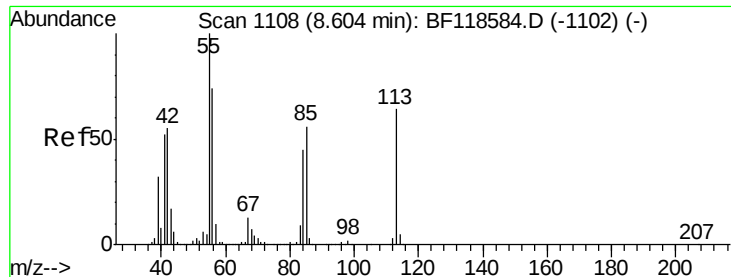
#34
Hexachlorobutadiene
Concen: 44.654 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.9	50.2	75.4	
227	63.7	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: 37.328 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

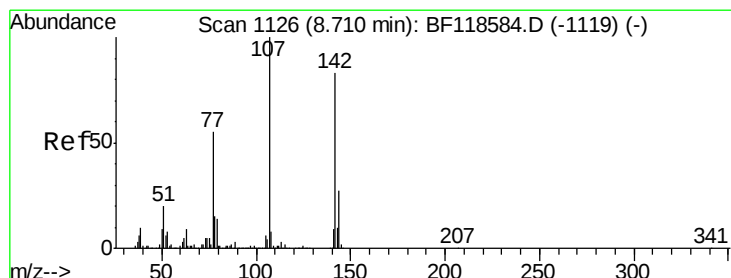
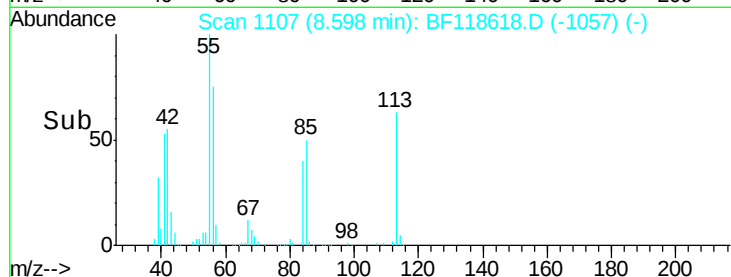
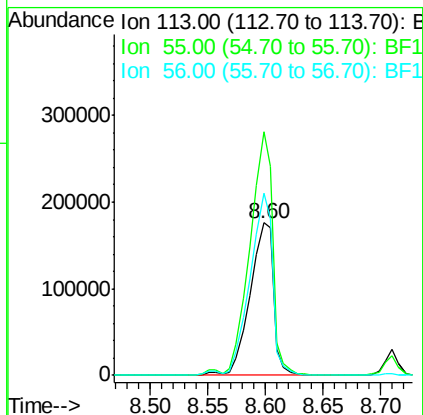
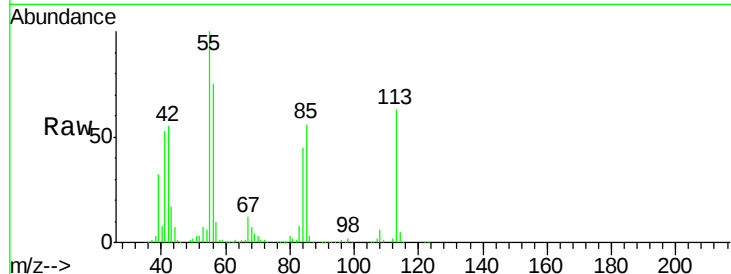
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	250273
Ion Ratio	Lower	Upper	
113	100		
55	159.9	136.1	176.1
56	119.3	95.2	135.2

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#36

4-Chloro-3-methylphenol

Concen: 38.428 ng

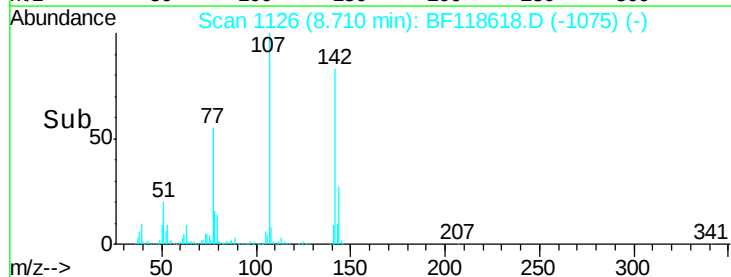
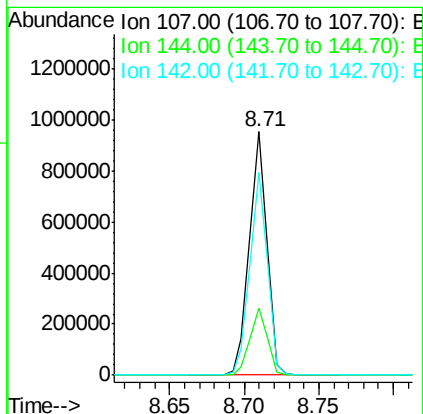
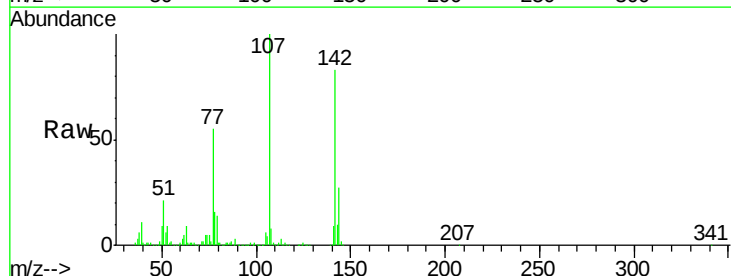
RT: 8.71 min Scan# 1126

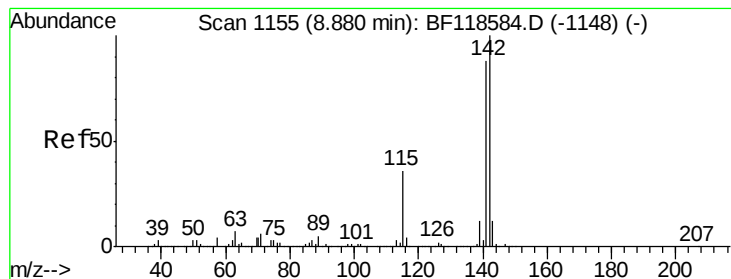
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	107	Resp:	777467
Ion Ratio	Lower	Upper	
107	100		
144	27.3	21.8	32.8
142	83.4	66.5	99.7





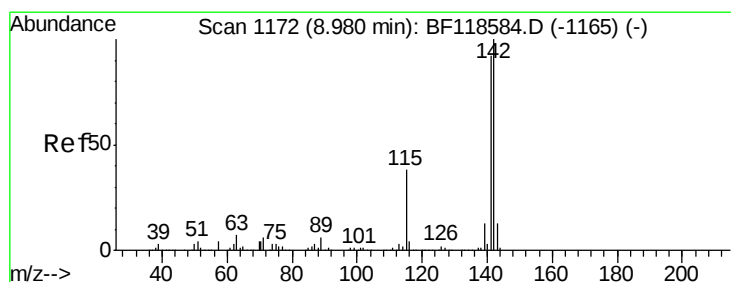
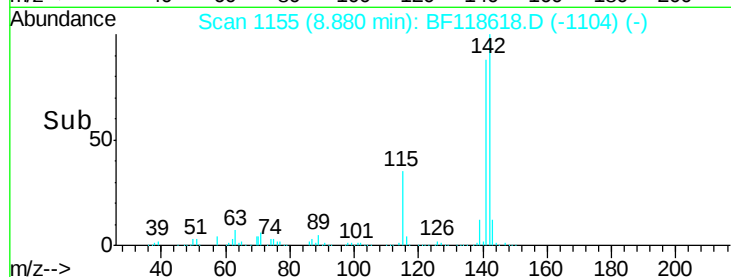
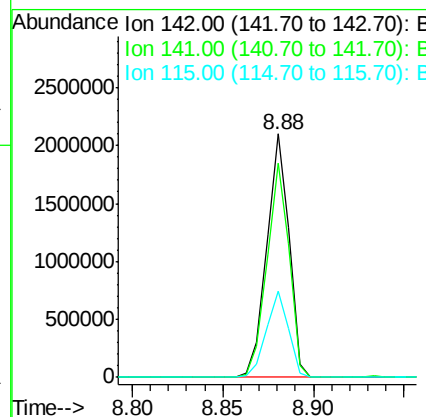
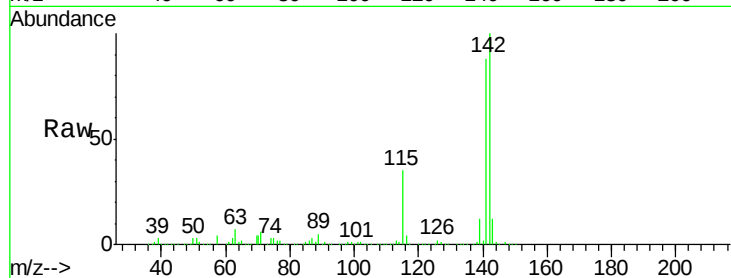
#37
2-Methylnaphthalene
Concen: 41.010 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.7	106.1
115	35.4	28.5	42.7

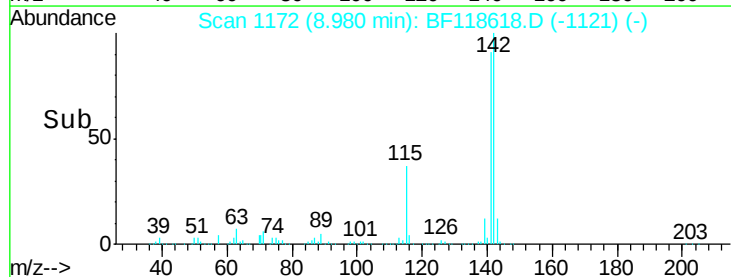
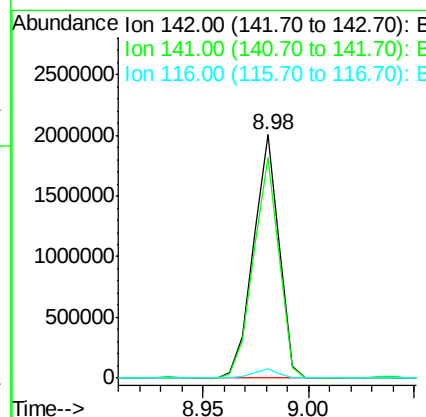
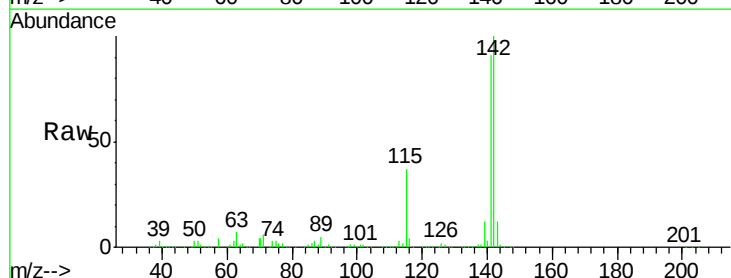
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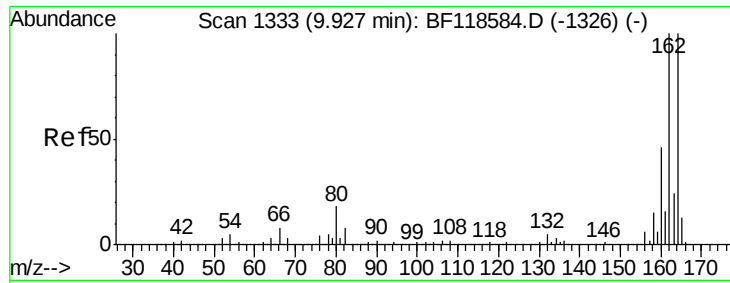
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#38
1-Methylnaphthalene
Concen: 40.621 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
116	3.8	3.3	4.9





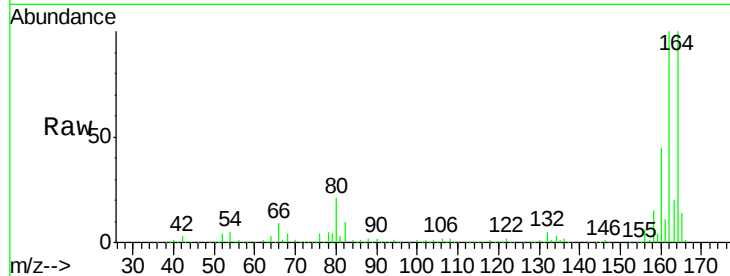
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.4	120.6
160	45.0	36.6	55.0

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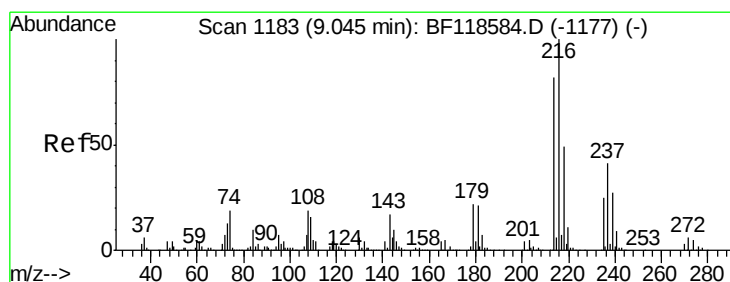
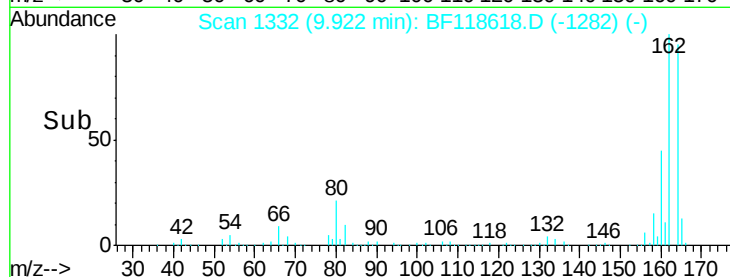
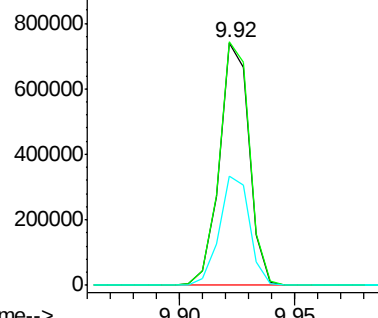


Abundance

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: 47.492 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.2	96.2
179	20.5	16.6	25.0
108	16.6	14.4	21.6

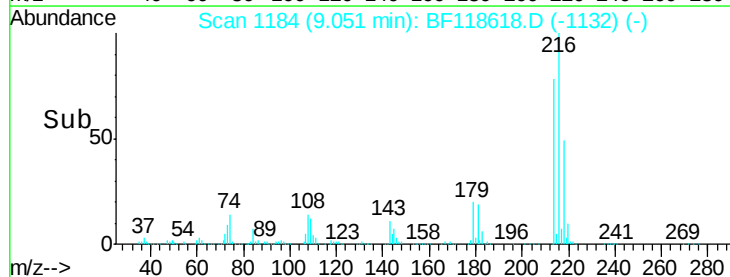
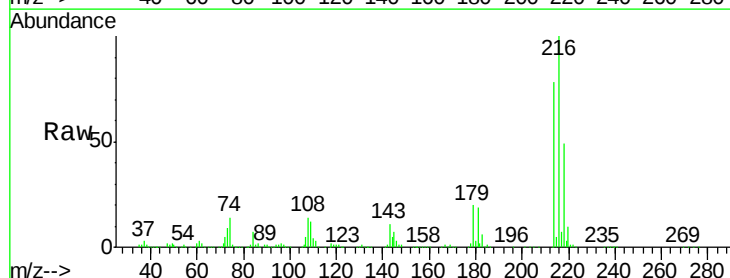
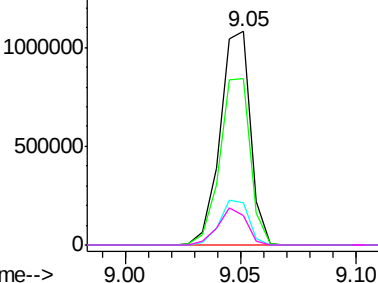
Abundance

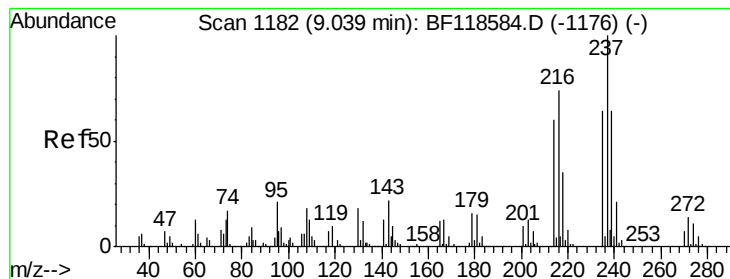
Ion 216.00 (215.70 to 216.70): E

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: 8.789 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

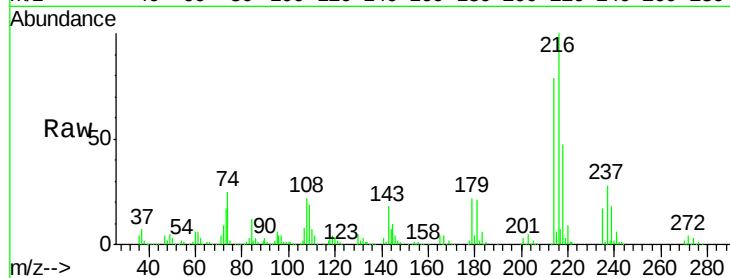
ClientSampleId :

SSTDCCC040

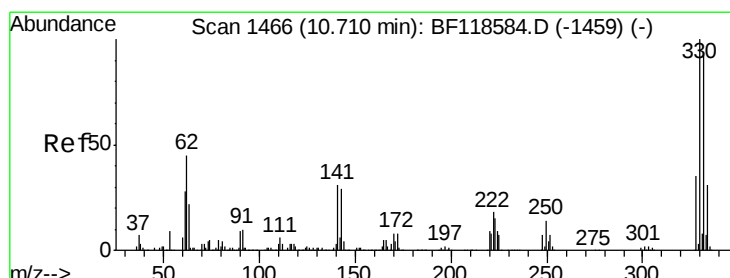
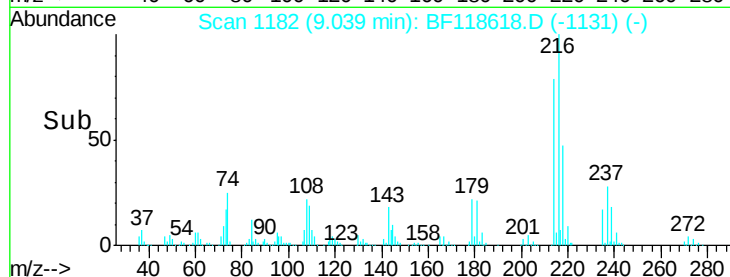
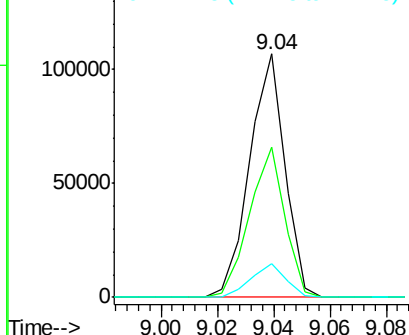
Tot Ion:	237	Resp:	92452
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.0	84.0
272	14.0	0.0	34.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.267 ng

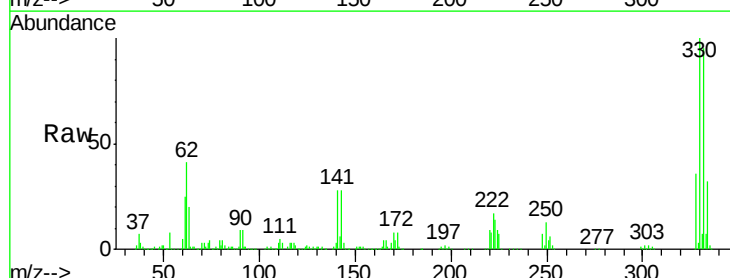
RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

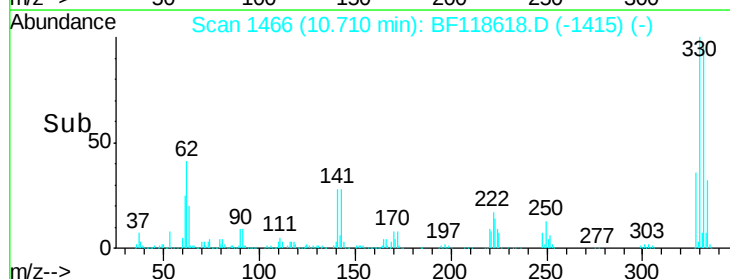
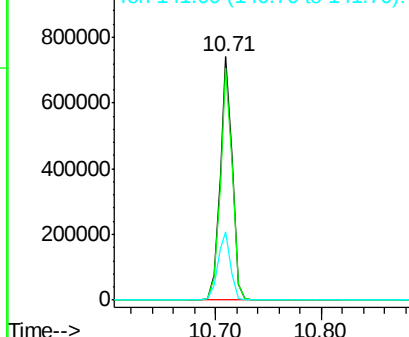
Lab File: BF118618.D

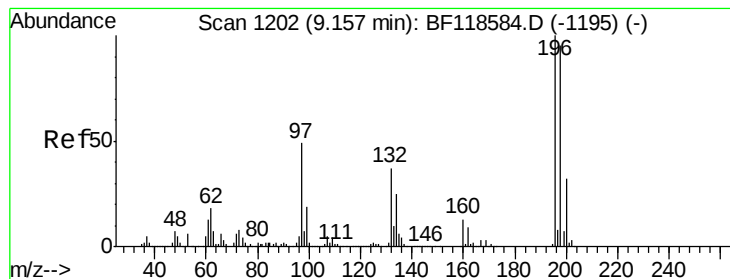
Acq: 21 Jan 2020 5:16

Tgt Ion:	330	Resp:	603176
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.2	114.4
141	29.5	23.9	35.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





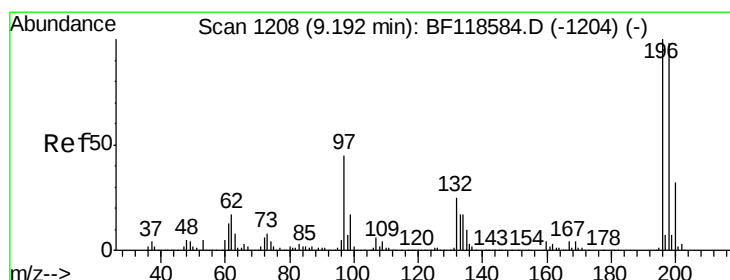
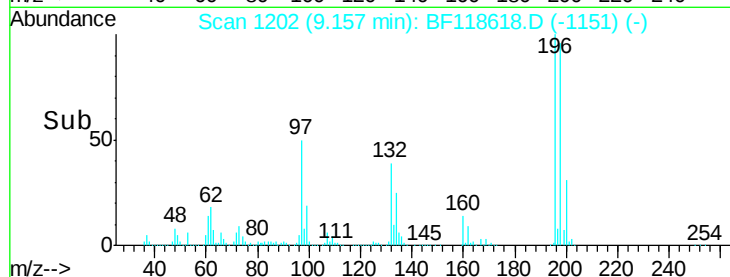
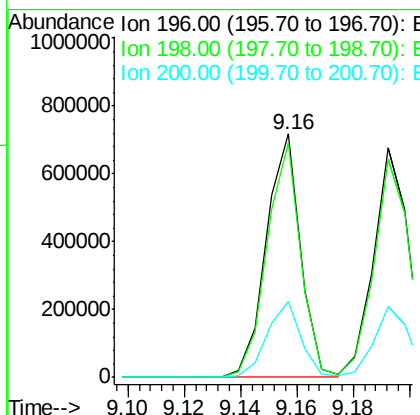
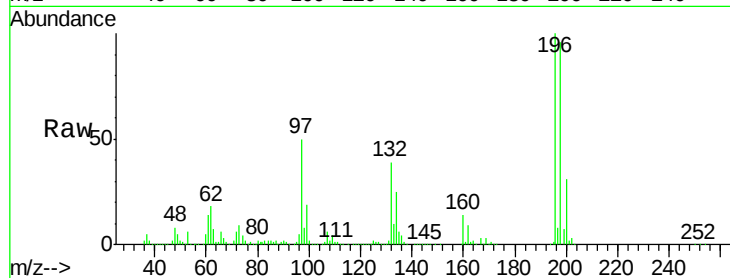
#43
 2,4,6-Trichlorophenol
 Concen: 43.583 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	602948
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.3	114.5
200	31.2	25.4	38.2

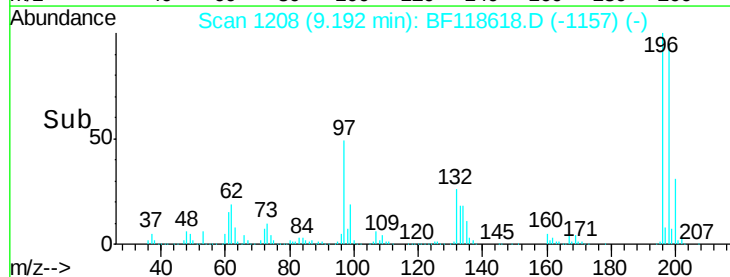
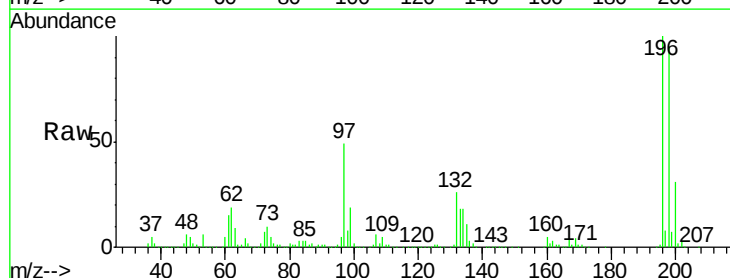
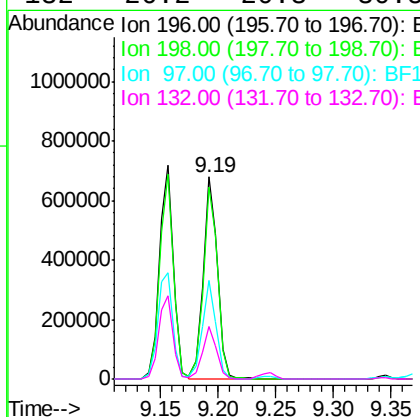
Manual Integrations
 APPROVED

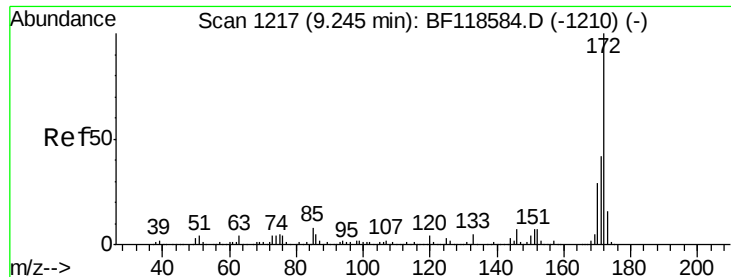
mohammad
 1/21/2020 2:26:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.476 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion:	196	Resp:	586020
Ion Ratio	Lower	Upper	
196	100		
198	95.0	78.3	117.5
97	49.0	35.9	53.9
132	26.2	20.3	30.5





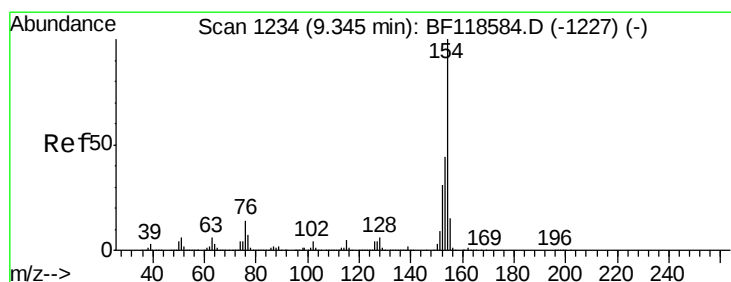
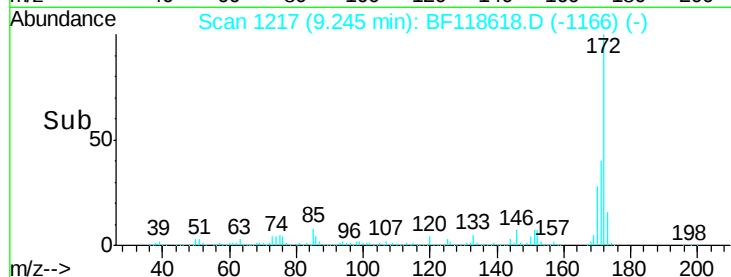
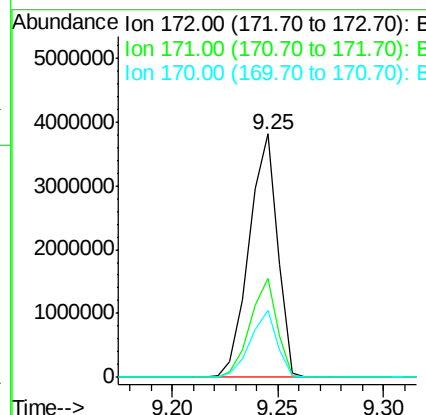
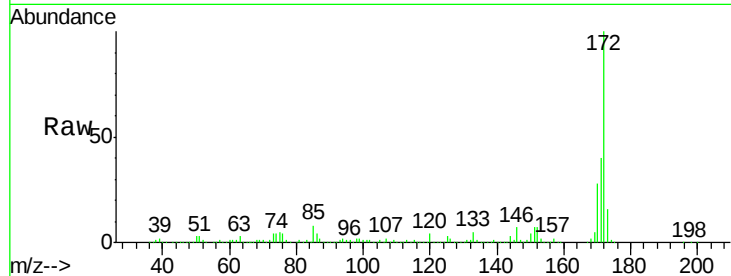
#45
2-Fluorobiphenyl
Concen: 87.901 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.4	33.4	50.2	
170	27.7	23.2	34.8	

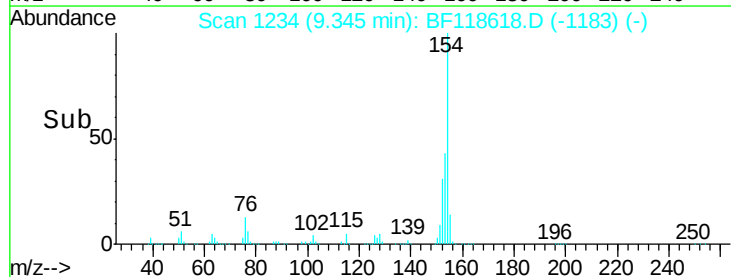
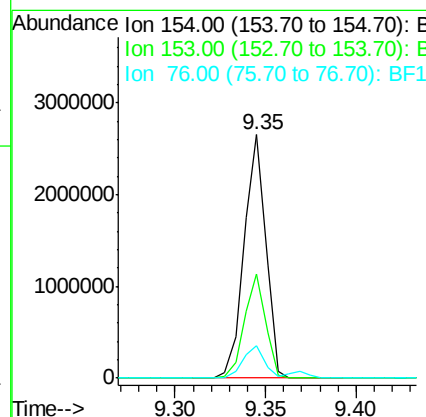
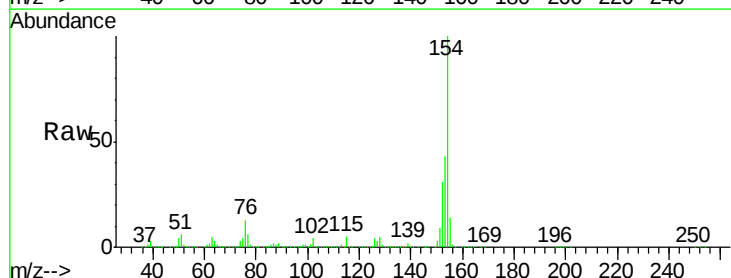
Manual Integrations
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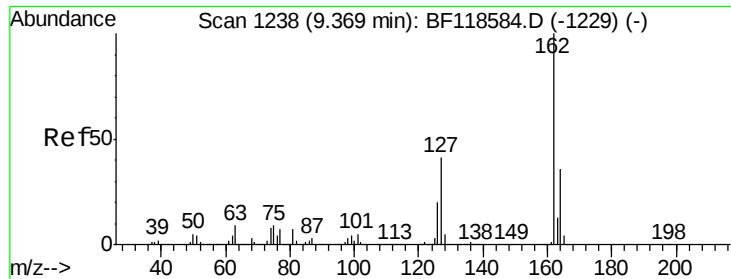
mohammad
1/21/2020 2:26:33 PM



#46
1,1'-Biphenyl
Concen: 47.856 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.9	23.8	63.8	
76	13.2	0.0	34.3	





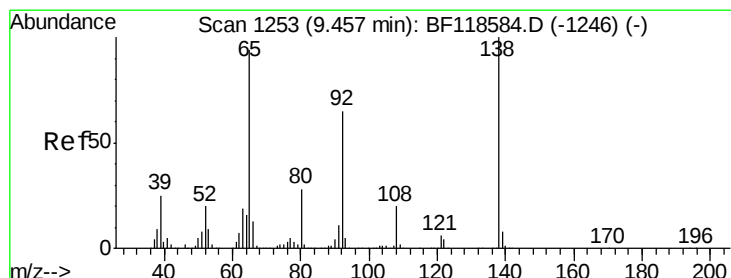
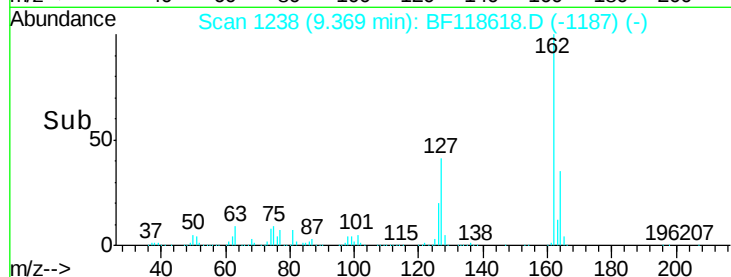
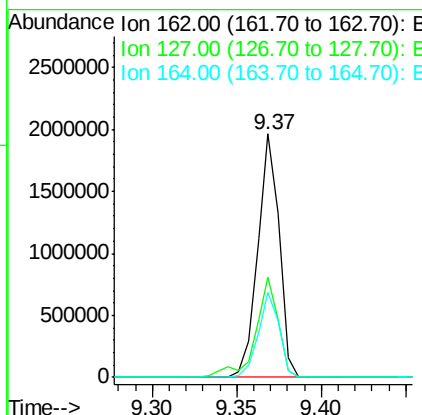
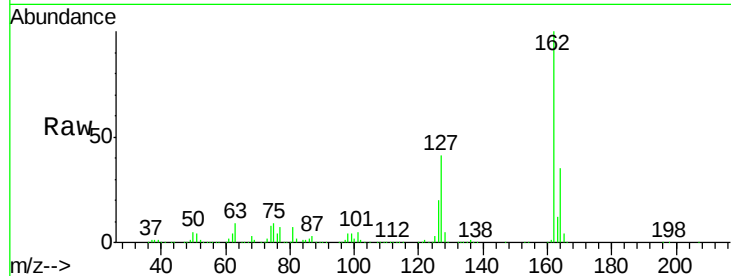
#47
2-Chloronaphthalene
Concen: 44.857 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.6
164	35.1	28.6	42.8

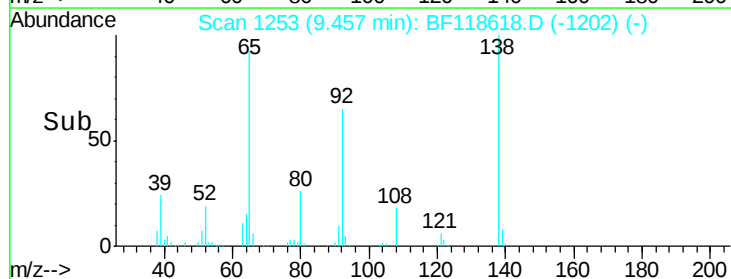
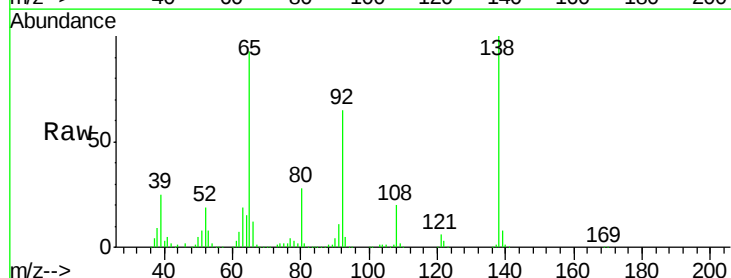
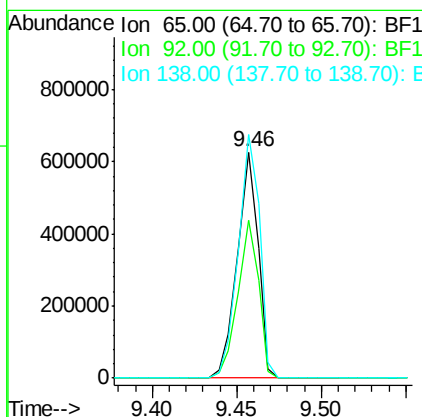
Manual Integrations
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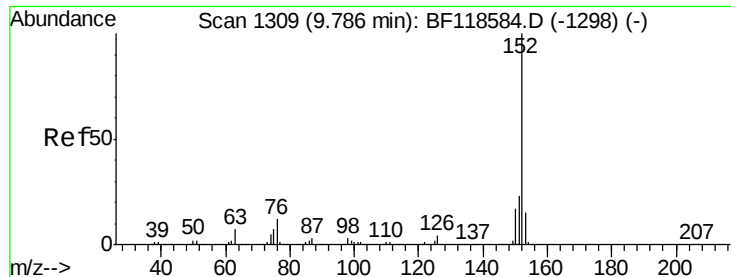
mohammad
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#48
2-Nitroaniline
Concen: 45.144 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.4	83.0
138	107.6	85.0	127.6





#49

Acenaphthylene

Concen: 43.731 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2381193

Ion Ratio Lower Upper

152 100

151 22.0 18.6 27.8

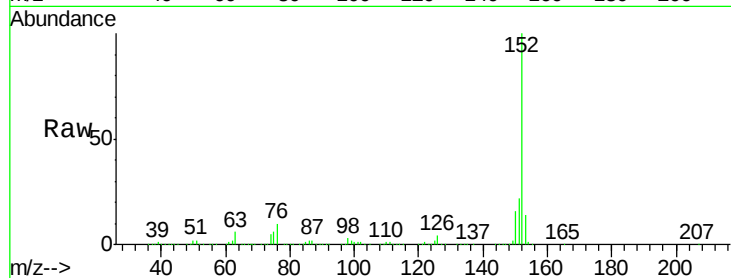
153 14.4 12.2 18.4

Manual Integrations

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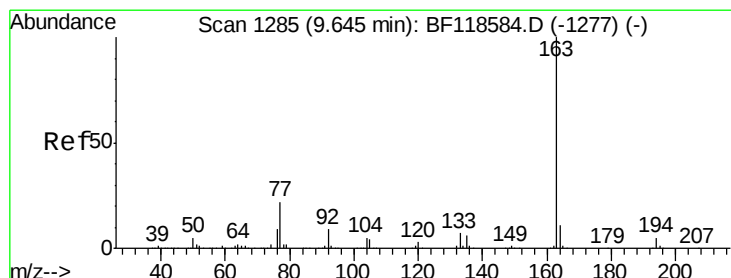
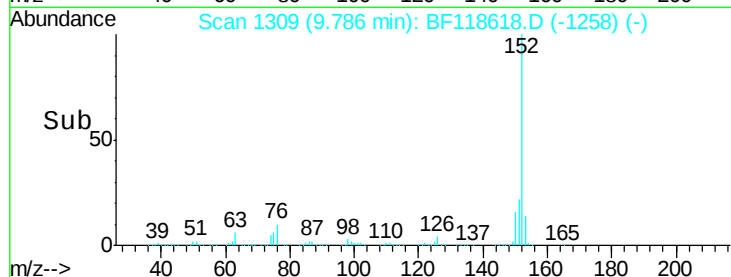
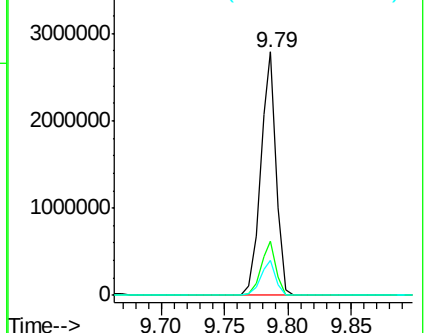
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.769 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

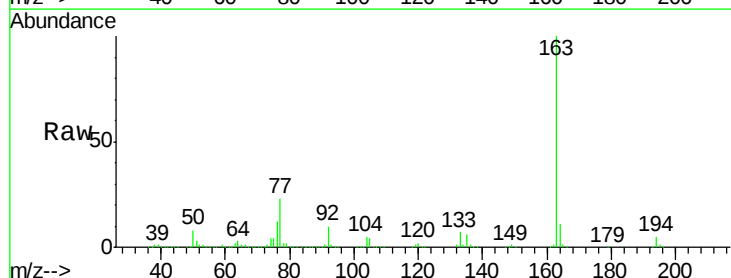
Tgt Ion:163 Resp: 2030261

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

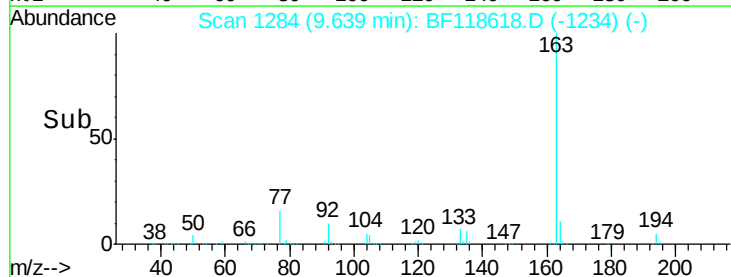
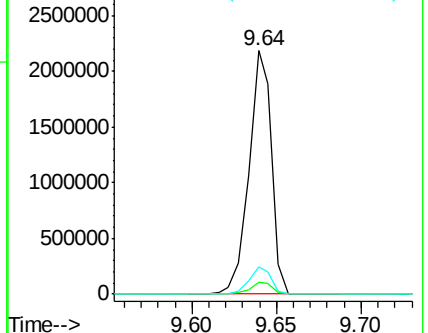
164 11.5 9.1 13.7

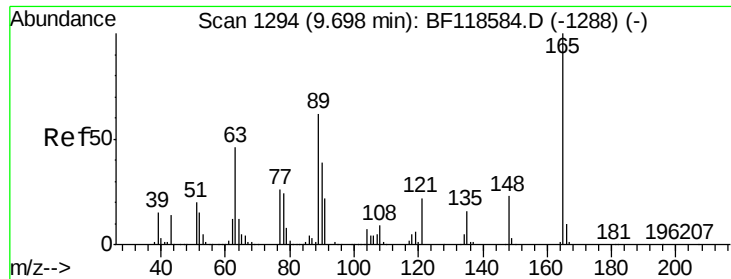


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





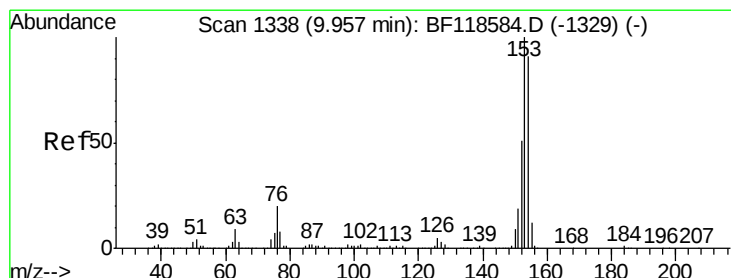
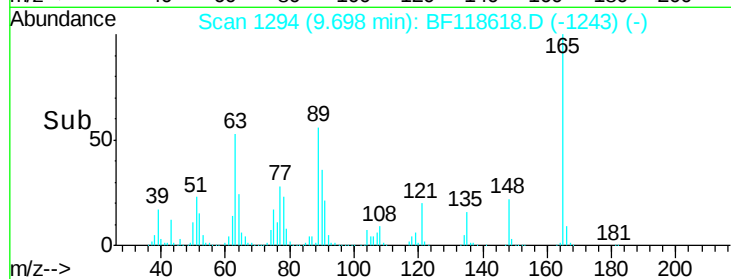
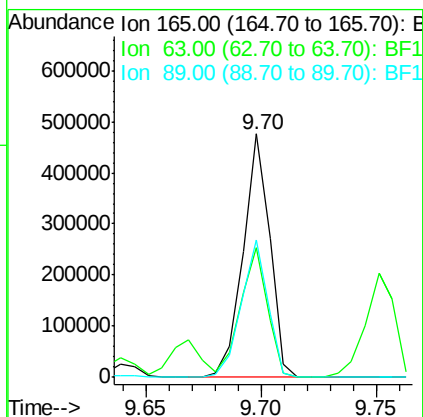
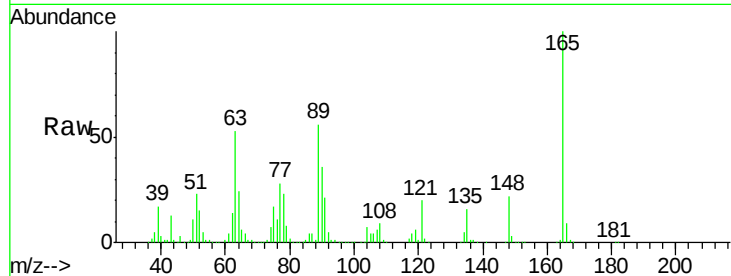
#51
 2,6-Dinitrotoluene
 Concen: 39.522 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	384186		
63	53.1	48.9	73.3	
89	56.4	49.8	74.6	

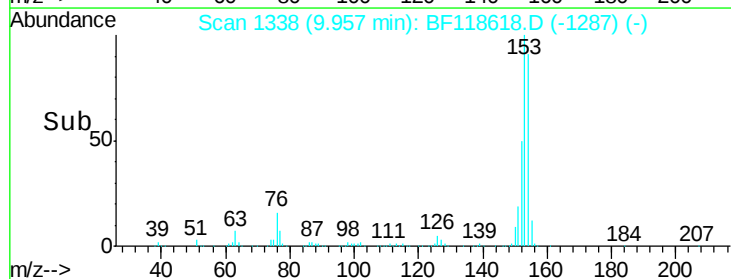
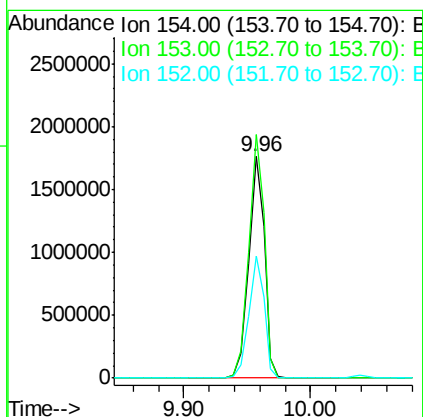
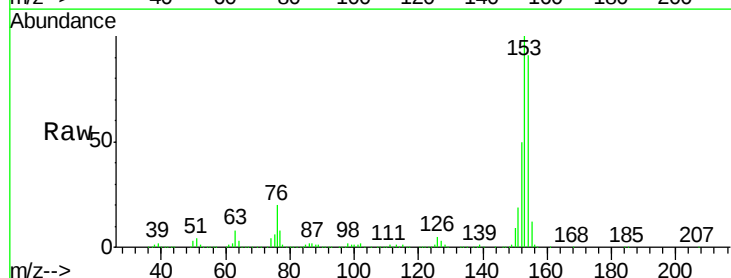
Manual Integrations
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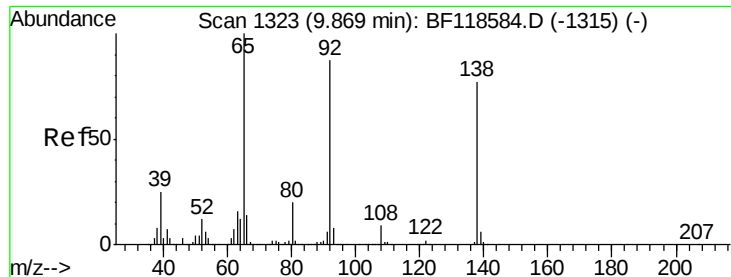
mohammad
 1/21/2020 2:26:33 PM



#52
 Acenaphthene
 Concen: 41.307 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1504019		
153	110.0	87.6	131.4	
152	55.4	44.4	66.6	





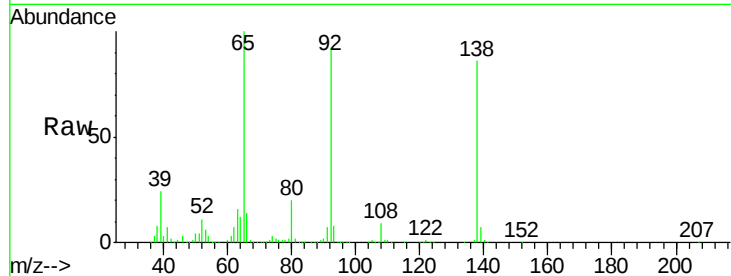
#53
3-Nitroaniline
Concen: 45.011 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

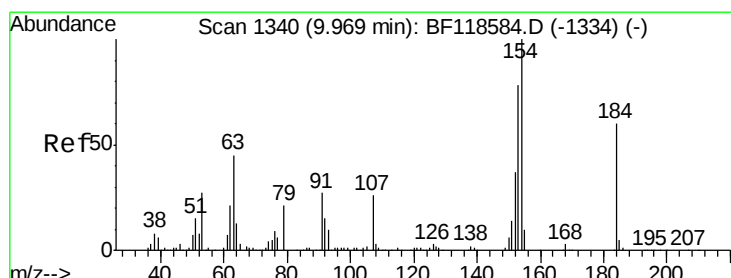
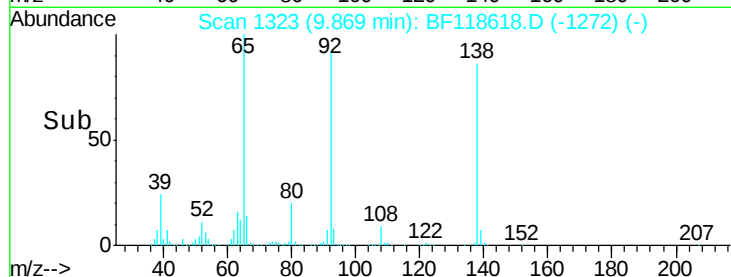
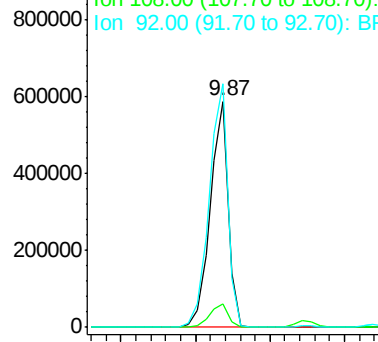
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.6	14.4
92	107.6	90.6	136.0

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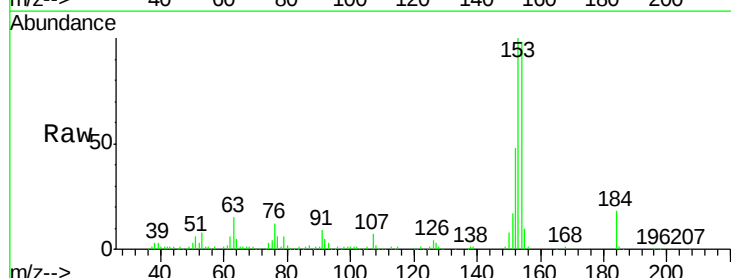


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

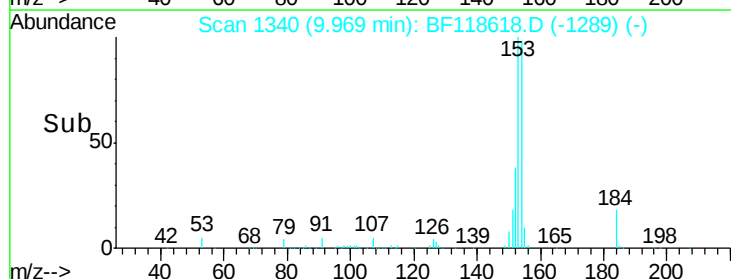
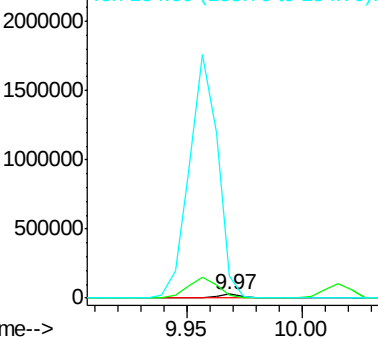


#54
2,4-Dinitrophenol
Concen: 5.973 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.6	60.6	90.8
154	550.9	137.3	205.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





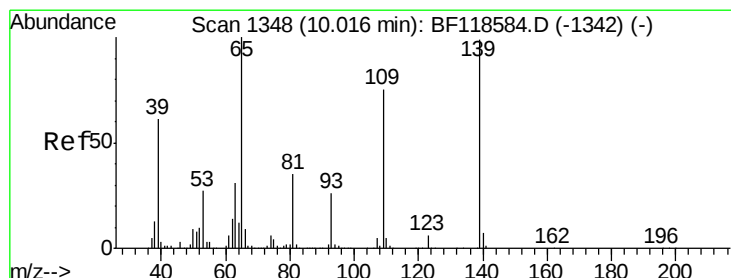
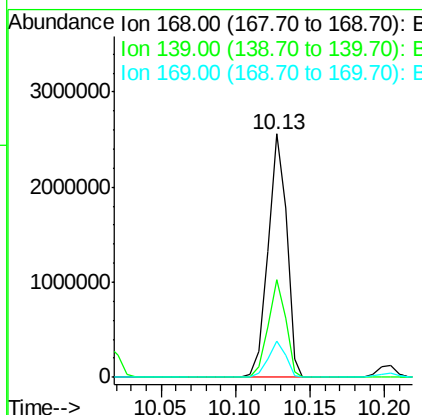
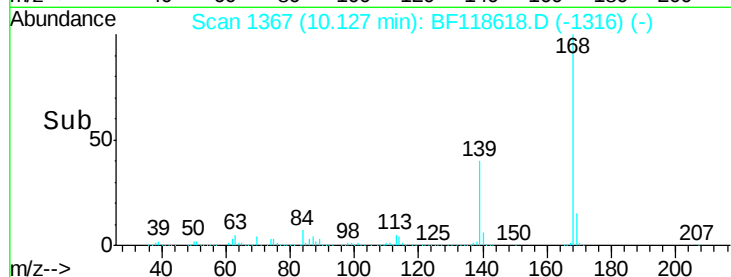
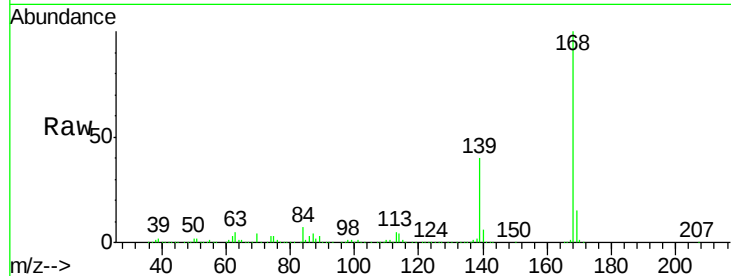
#55
Dibenzofuran
Concen: 43.050 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.7	49.1
169	15.1	12.2	18.2

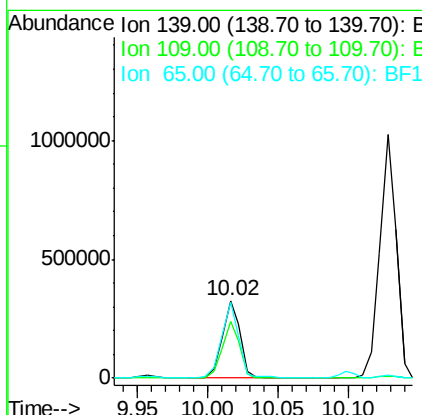
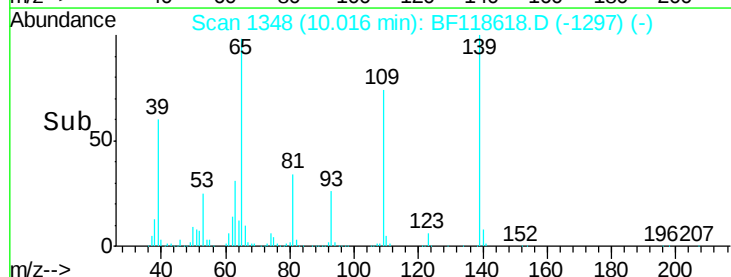
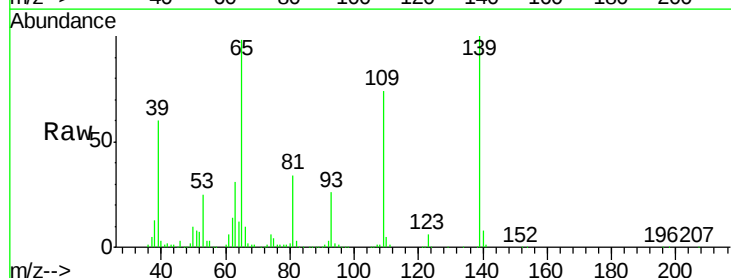
Manual Integrations
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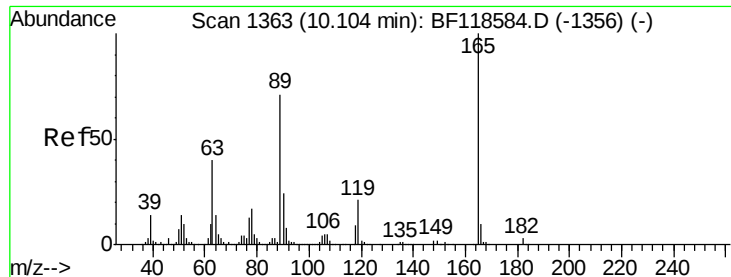
mohammad
1/21/2020 2:26:33 PM



#56
4-Nitrophenol
Concen: 33.882 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.6	56.0	96.0
65	98.4	81.4	121.4





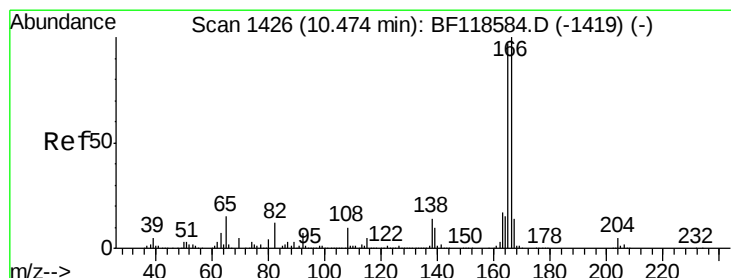
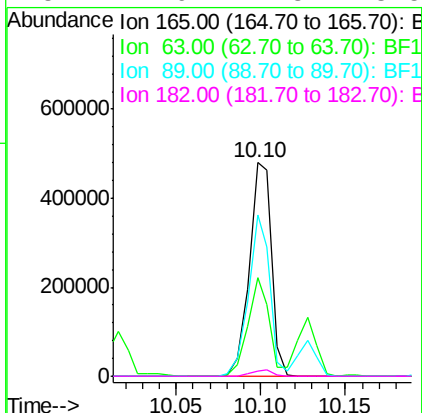
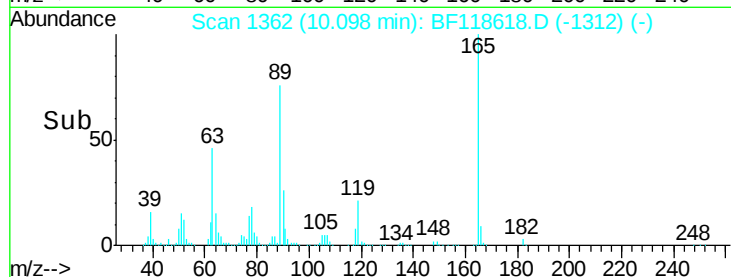
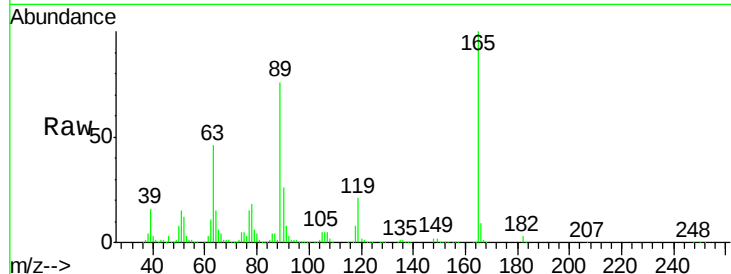
#57
2,4-Dinitrotoluene
Concen: 36.097 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		442345		
63	46.0		32.4	48.6	
89	75.7		56.4	84.6	
182	2.6		2.3	3.5	

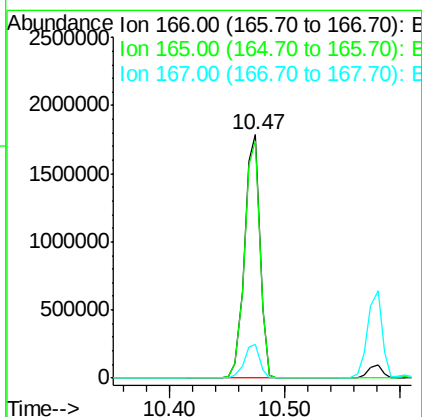
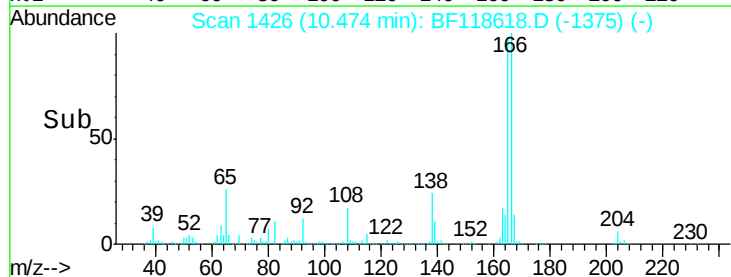
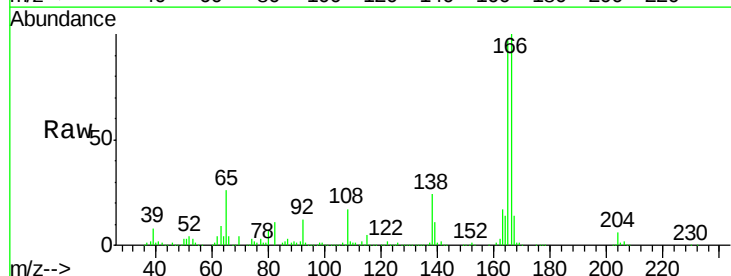
Manual Integrations
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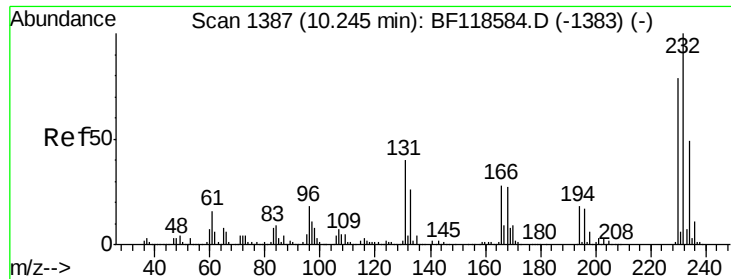
mohammad
1/21/2020 2:26:33 PM



#58
Fluorene
Concen: 41.681 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1651070		
165	97.4		77.3	115.9	
167	13.8		11.5	17.3	





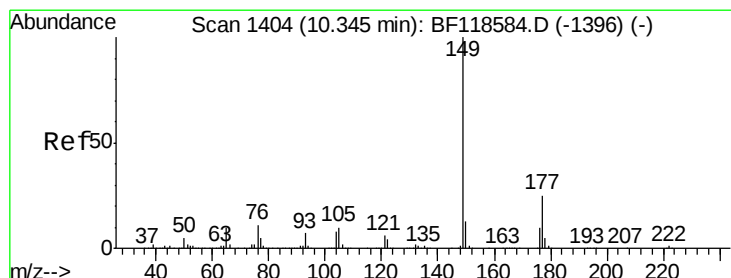
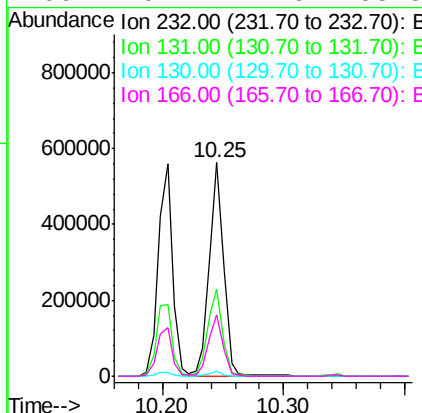
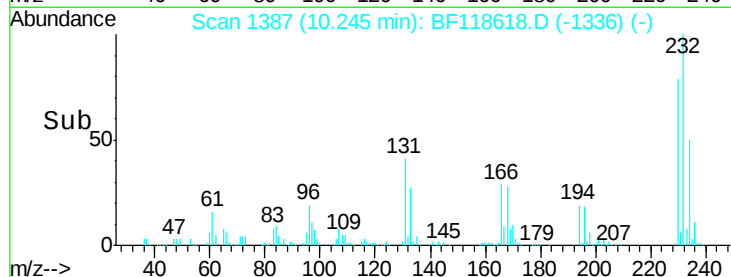
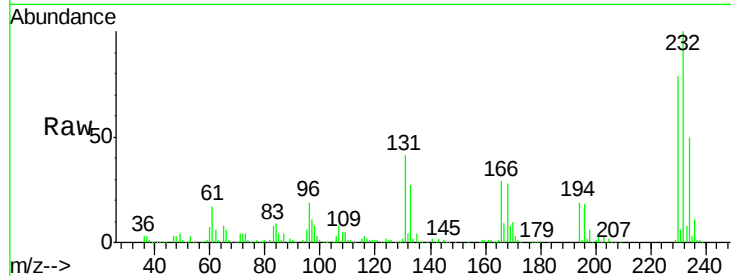
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.440 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.2	49.8
130	2.1	1.8	2.6
166	29.1	22.6	33.8

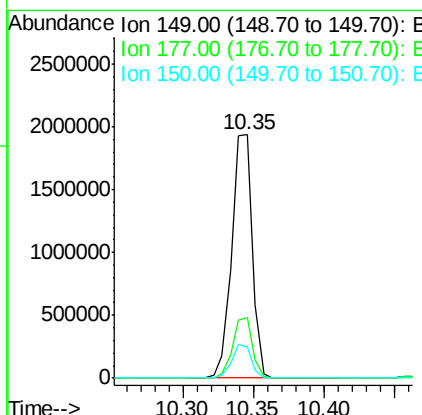
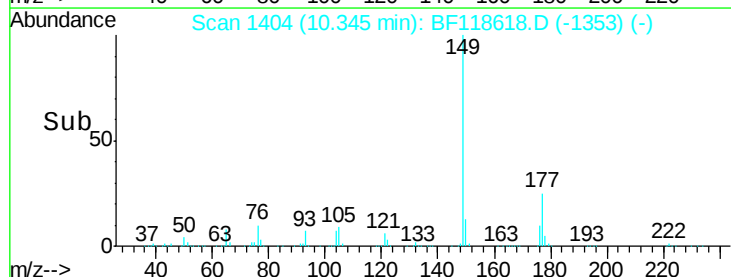
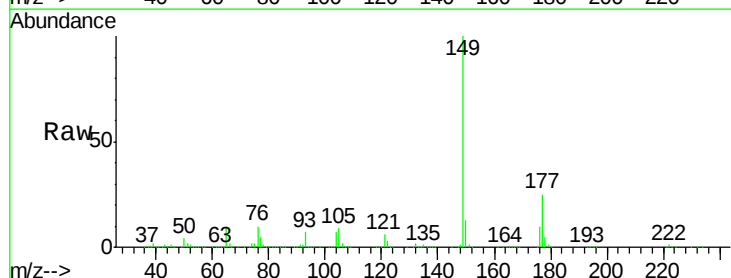
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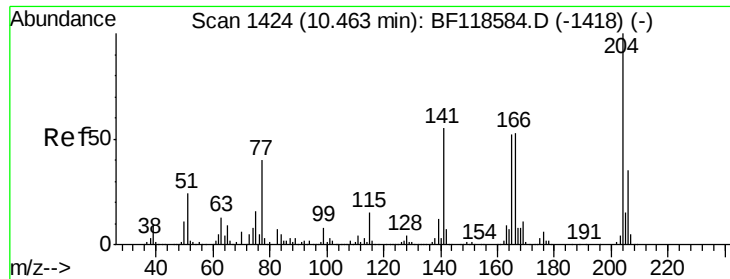
mohammad
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#60
 Diethylphthalate
 Concen: 46.572 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.0	30.0
150	12.9	10.6	16.0





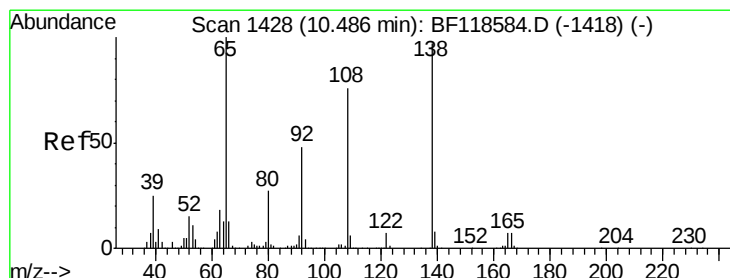
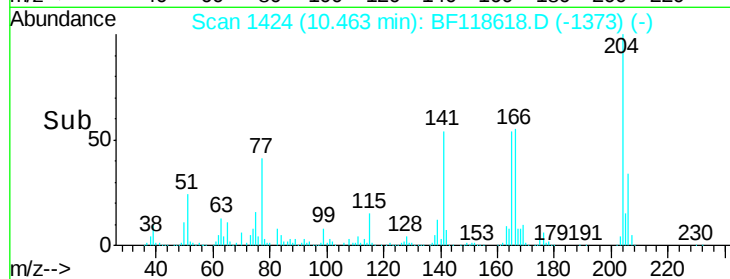
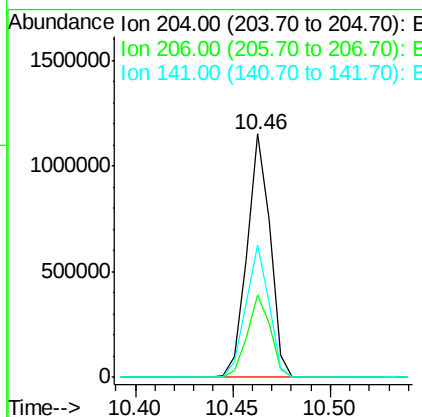
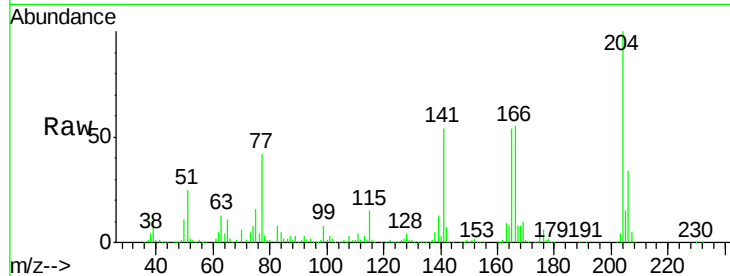
#61
 4-Chlorophenyl-phenylether
 Concen: 43.832 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	944317		
206	33.9	27.8	41.6	
141	54.5	43.7	65.5	

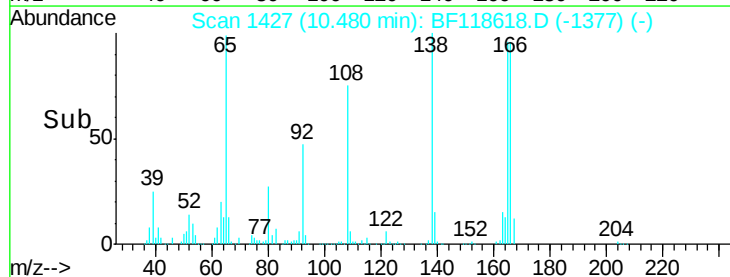
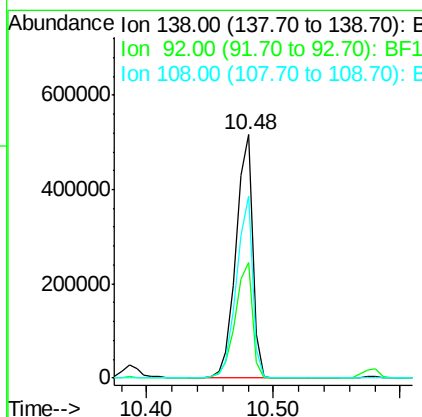
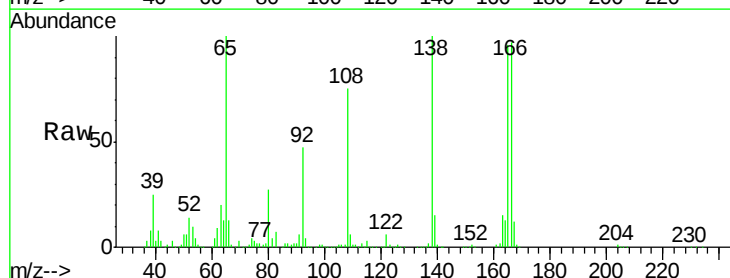
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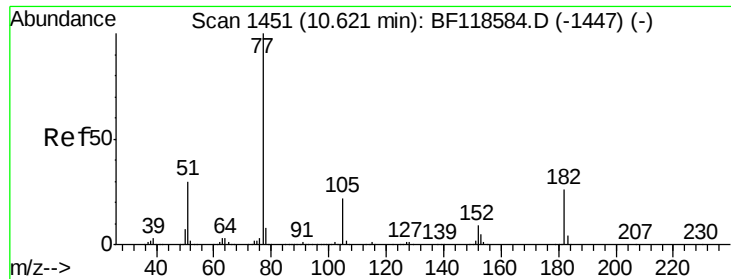
mohammad
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#62
 4-Nitroaniline
 Concen: 40.890 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	465564		
92	47.2	29.4	69.4	
108	74.9	58.2	98.2	





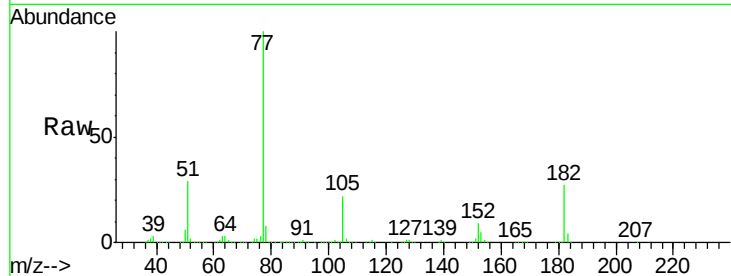
#63
Azobenzene
Concen: 42.089 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

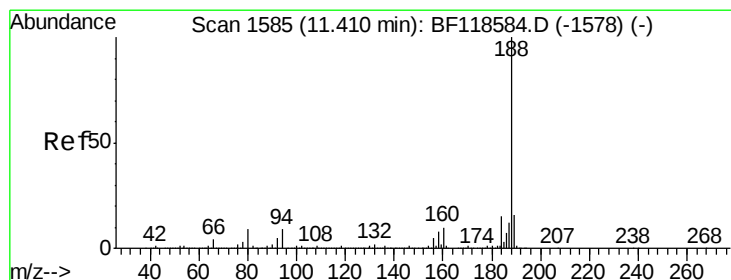
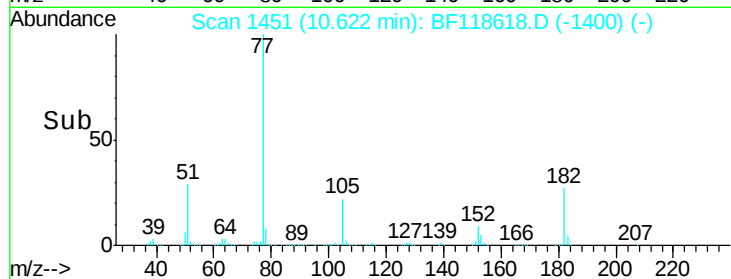
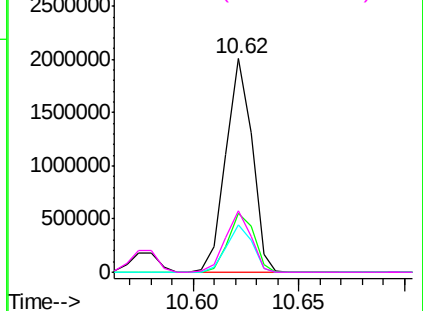
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	5.6	45.6	
105	22.0	2.0	42.0	
51	28.9	10.2	50.2	

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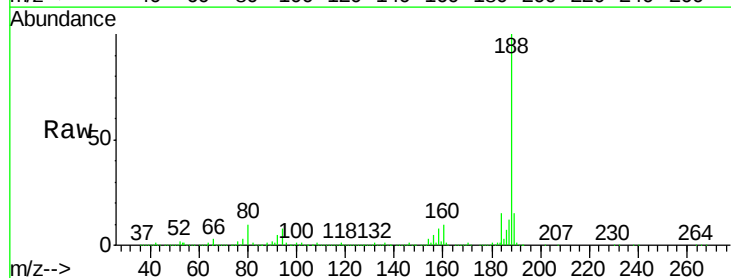


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

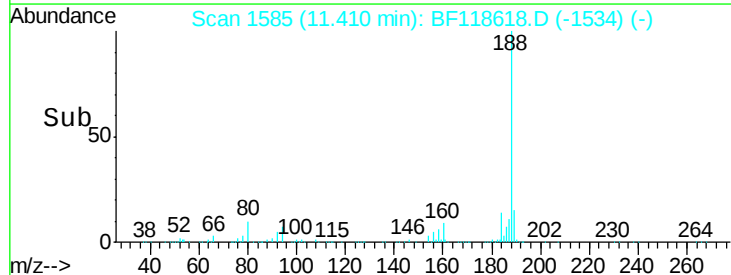
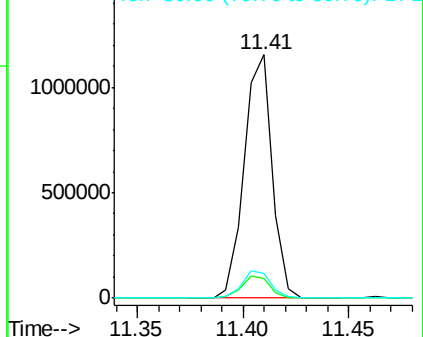


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	10.0	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: 8.849 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

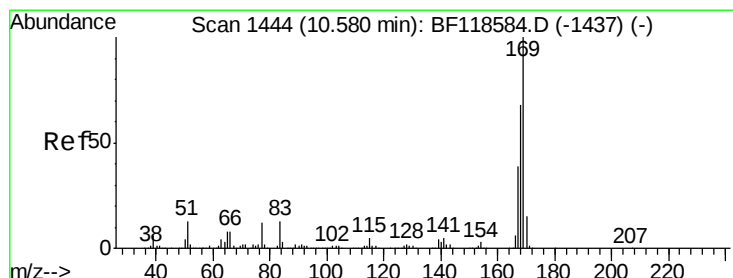
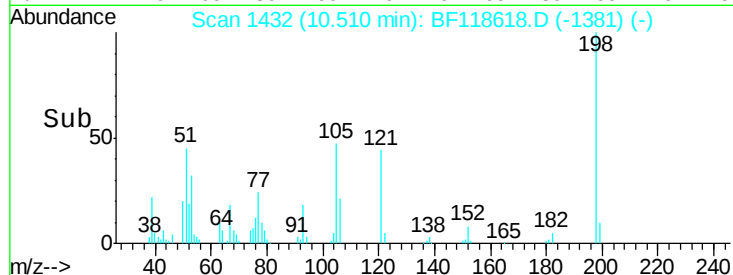
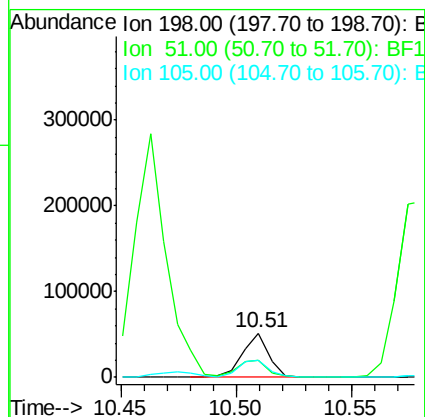
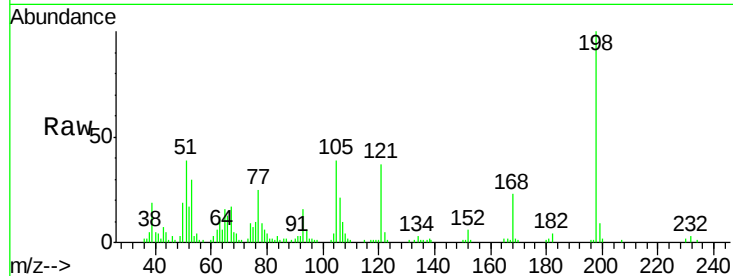
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	41124
Ion Ratio	Lower	Upper	
198	100		
51	38.8	25.2	65.2
105	39.3	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 47.816 ng

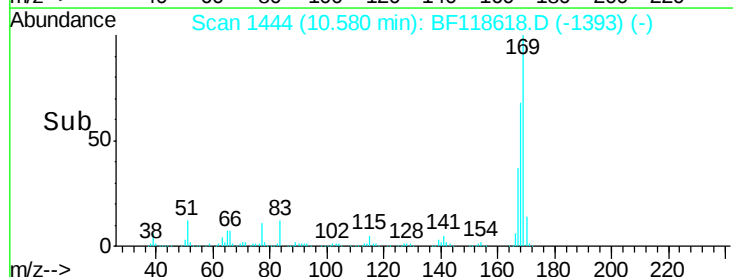
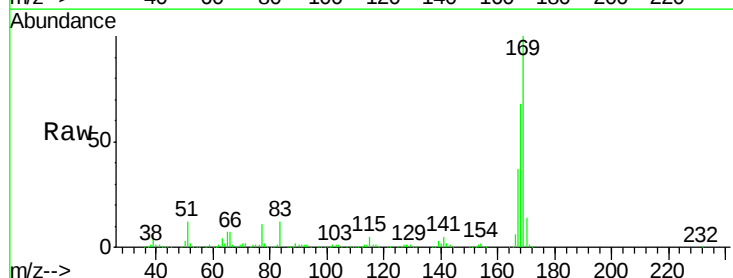
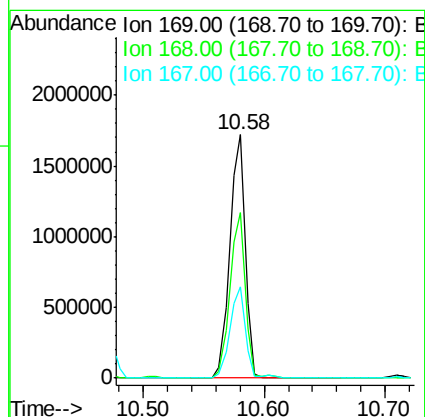
RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt Ion:	169	Resp:	1523983
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.6	82.0
167	37.2	30.9	46.3





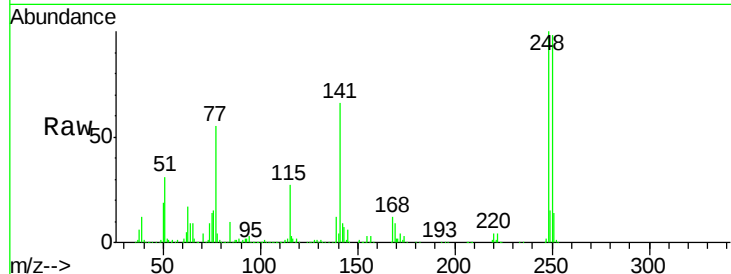
#67
4-Bromophenyl-phenylether
Concen: 46.325 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

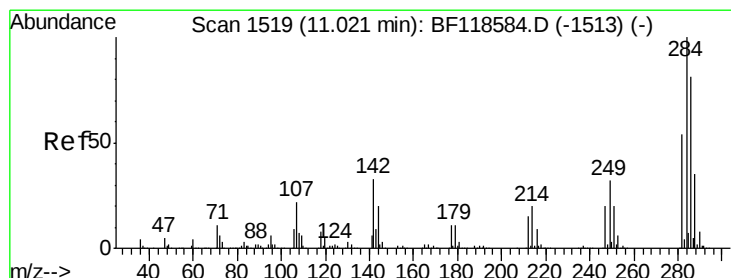
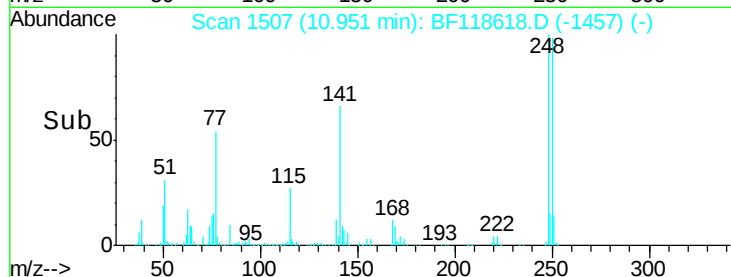
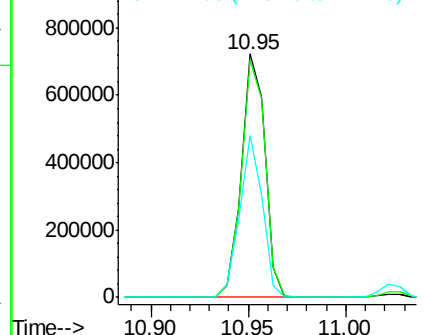
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	66.5	43.2	64.8

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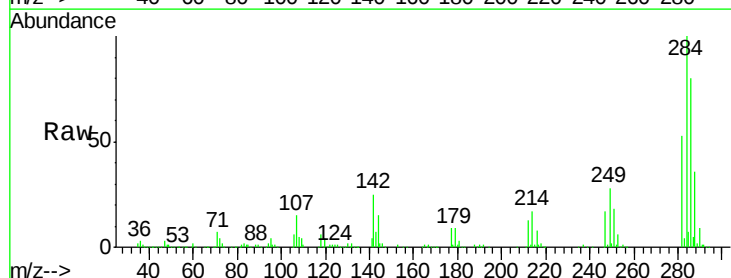


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

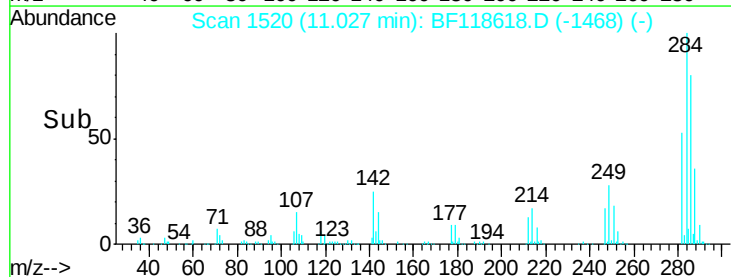
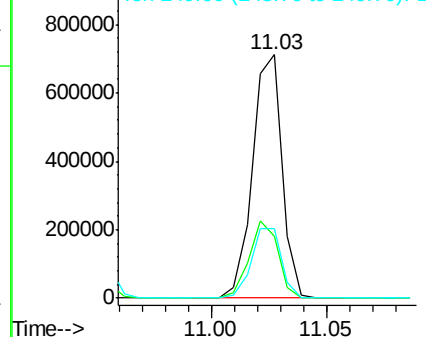


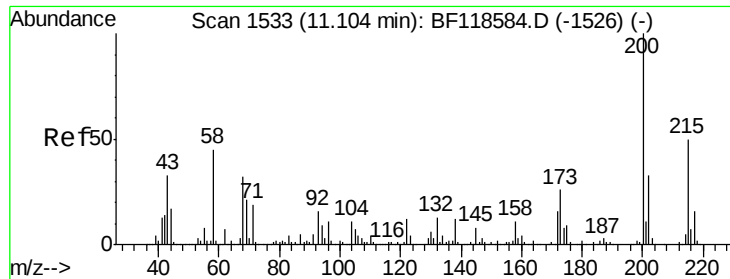
#68
Hexachlorobenzene
Concen: 43.079 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	26.6	39.8
249	28.4	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





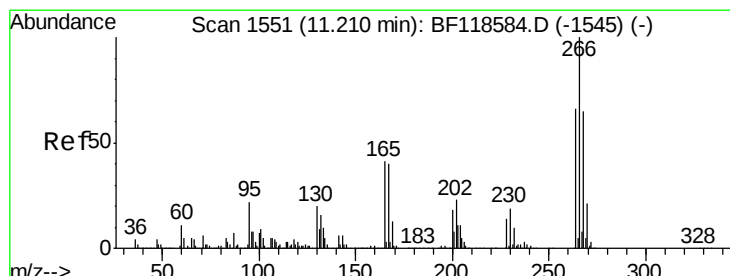
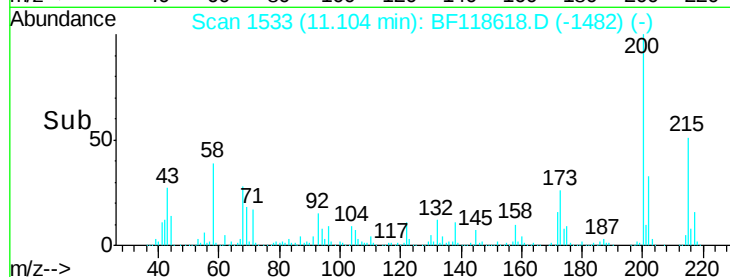
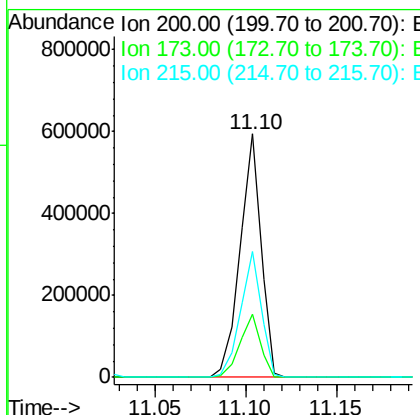
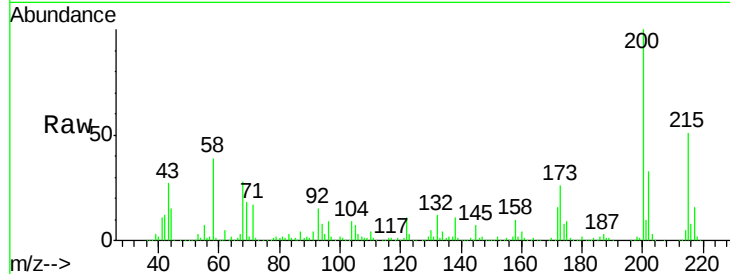
#69
Atrazine
Concen: 43.341 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.3	46.3
215	51.5	30.2	70.2

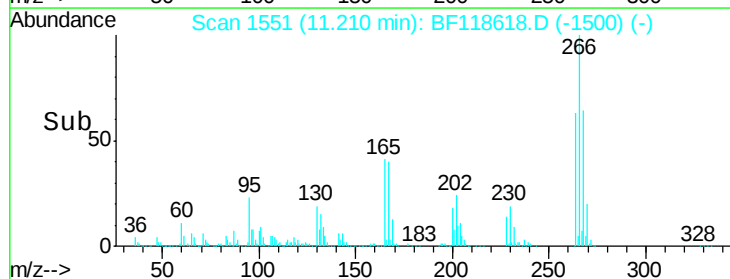
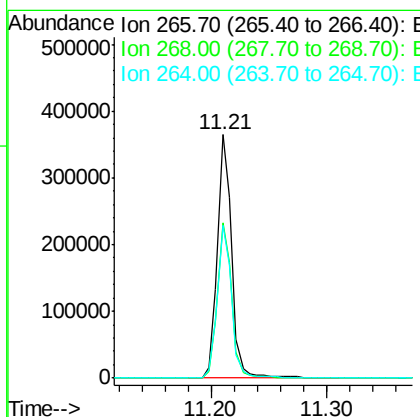
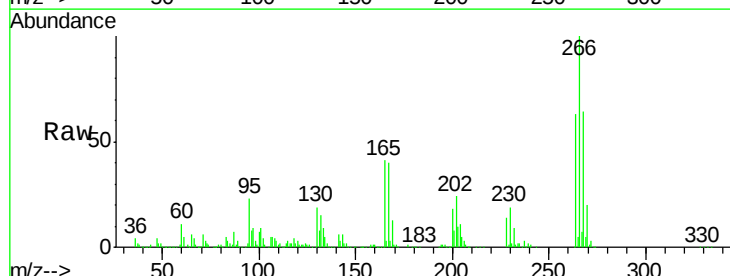
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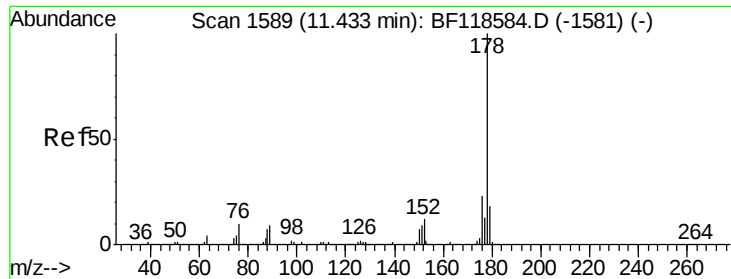
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#70
Pentachlorophenol
Concen: 38.214 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.1	78.1
264	62.5	52.4	78.6





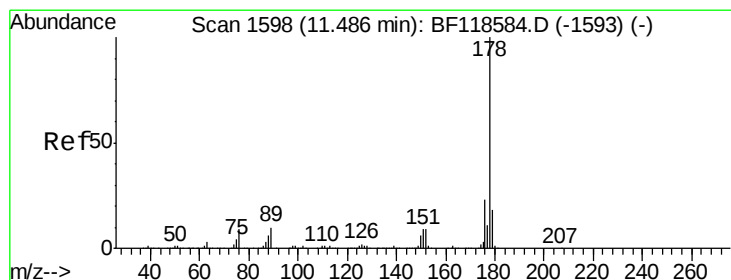
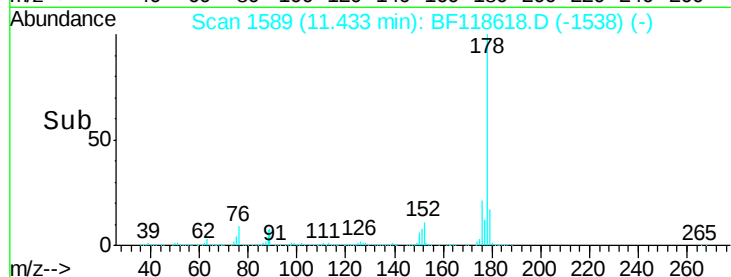
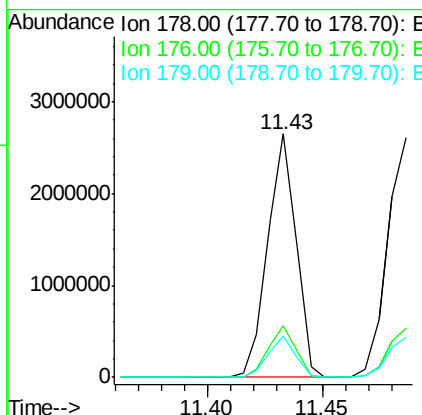
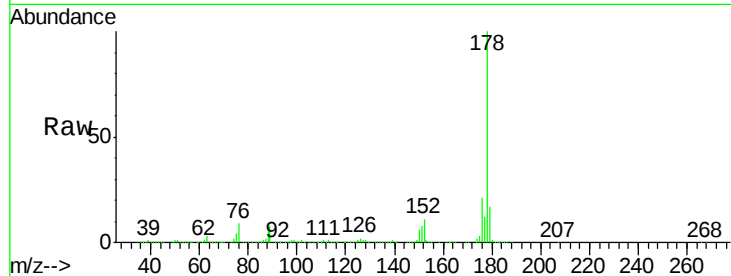
#71
Phenanthrene
Concen: 44.404 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2263966
Ion Ratio Lower Upper
178 100
176 21.4 18.6 27.8
179 16.9 14.7 22.1

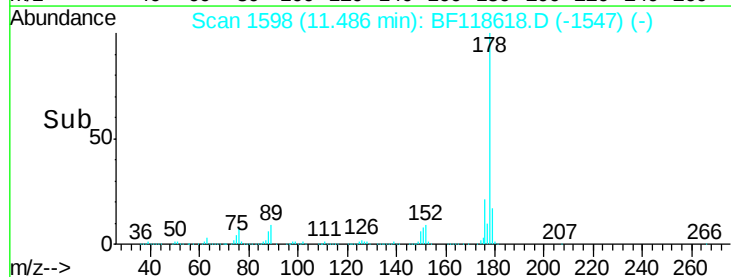
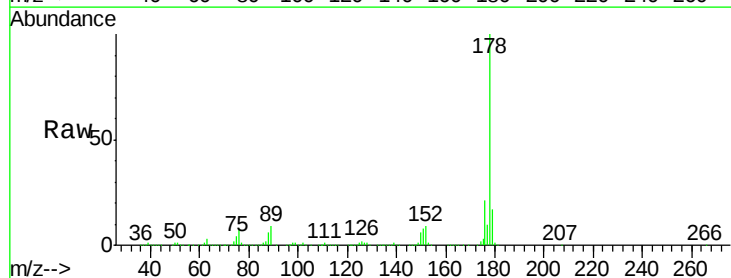
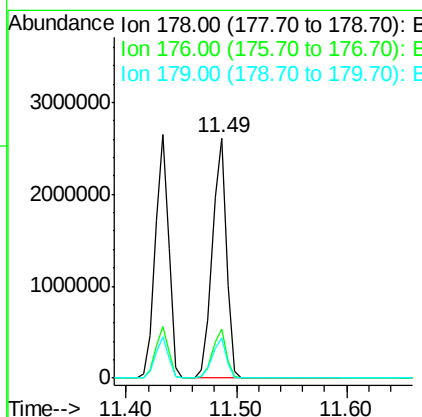
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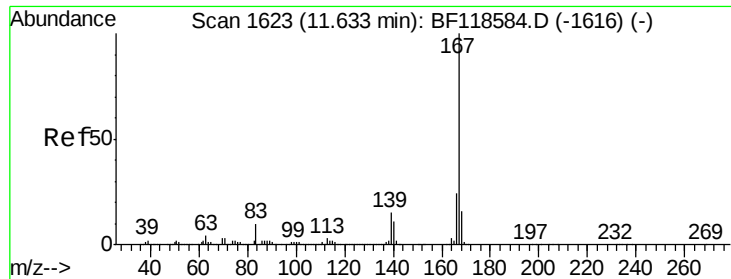
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#72
Anthracene
Concen: 44.781 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:178 Resp: 2259188
Ion Ratio Lower Upper
178 100
176 20.7 18.0 27.0
179 17.0 14.7 22.1





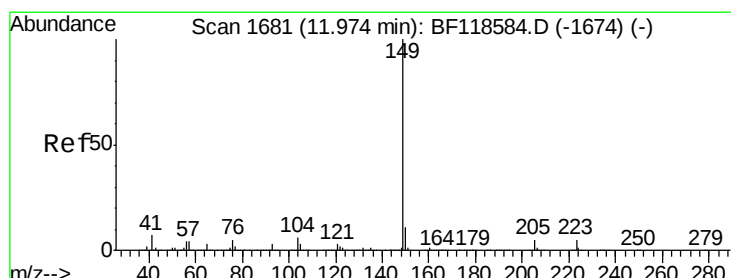
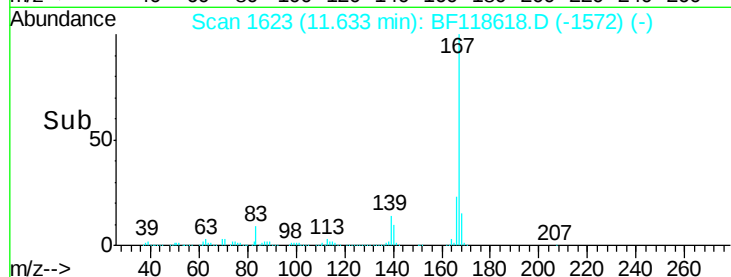
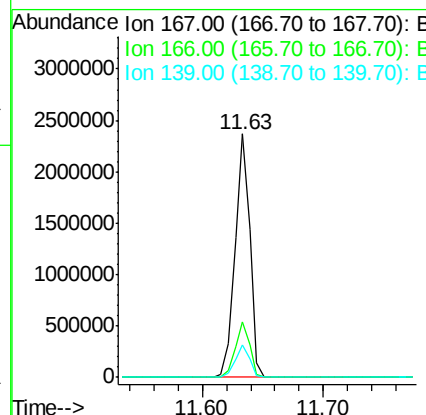
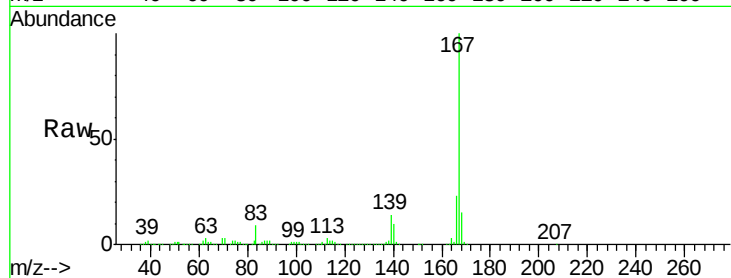
#73
 Carbazole
 Concen: 43.535 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	13.6	11.7	17.5

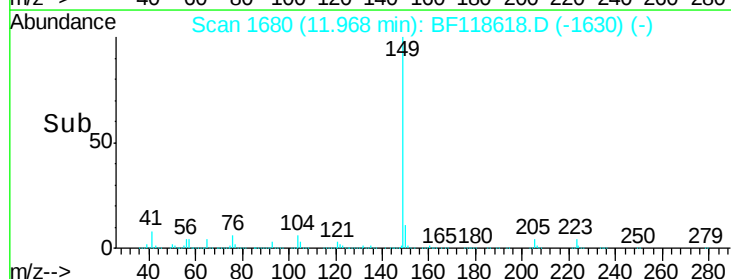
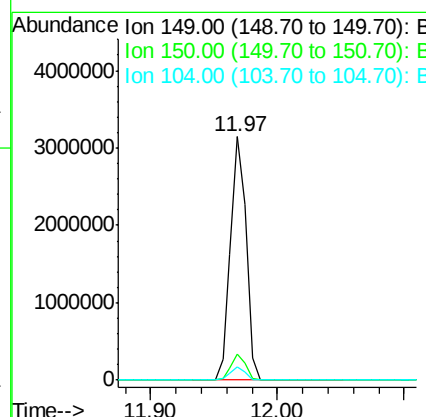
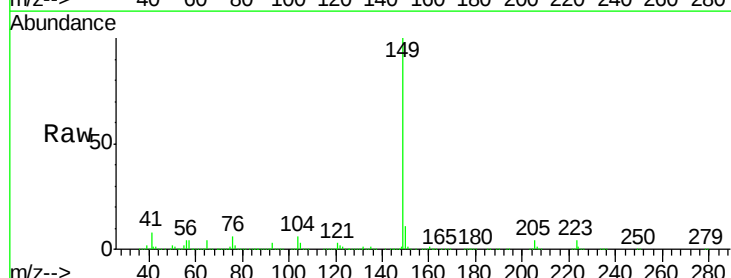
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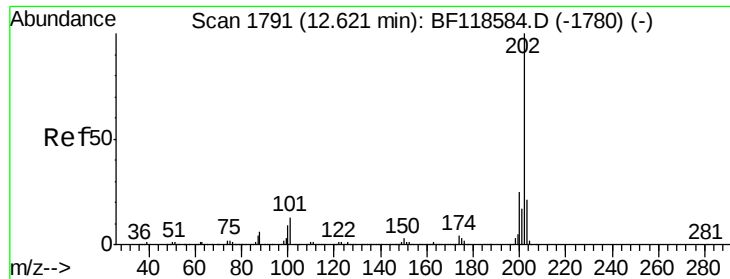
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#74
 Di-n-butylphthalate
 Concen: 52.420 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.7	4.6	6.8





#75

Fluoranthene

Concen: 43.492 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2338824

Ion Ratio Lower Upper

202 100

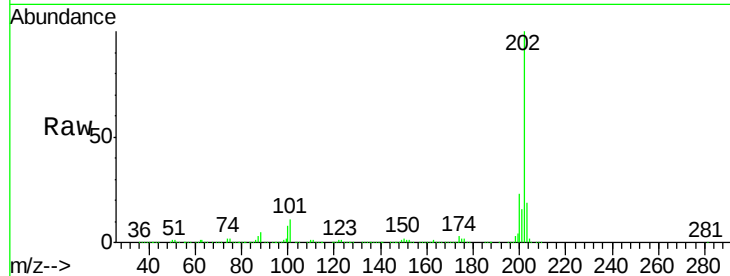
101 11.0 0.0 32.5

203 19.2 0.8 40.8

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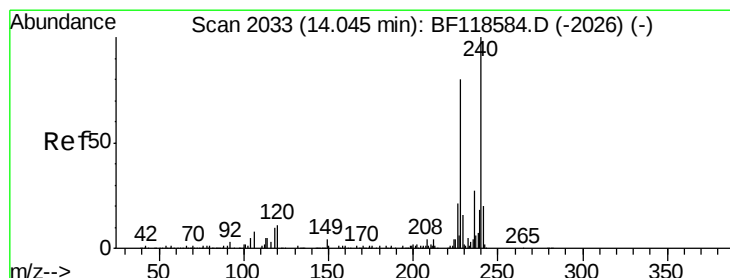
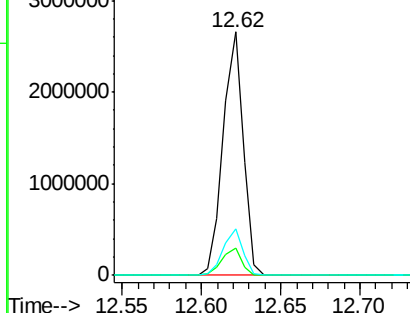
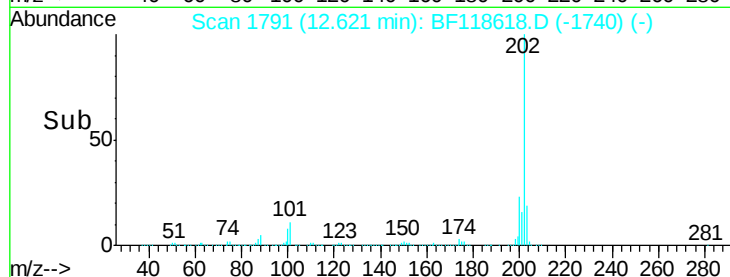
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Abundance Ion 202.00 (201.70 to 202.70): E

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: BF118618.D

Acq: 21 Jan 2020 5:16

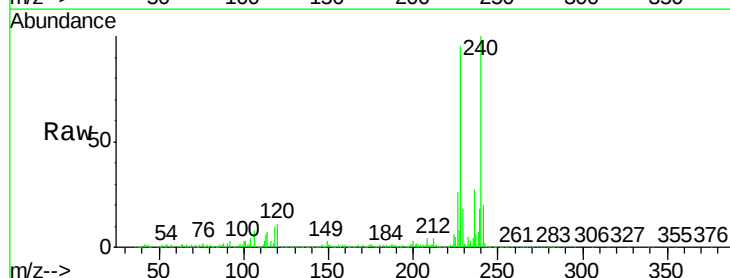
Tgt Ion:240 Resp: 840150

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

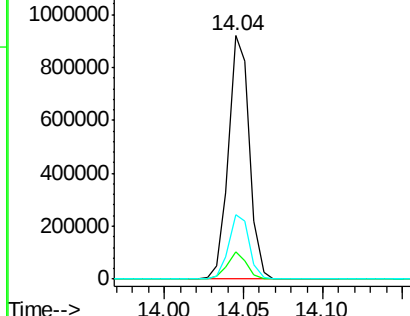
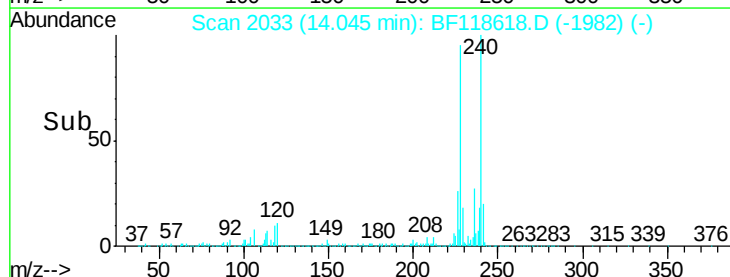
236 26.7 21.5 32.3

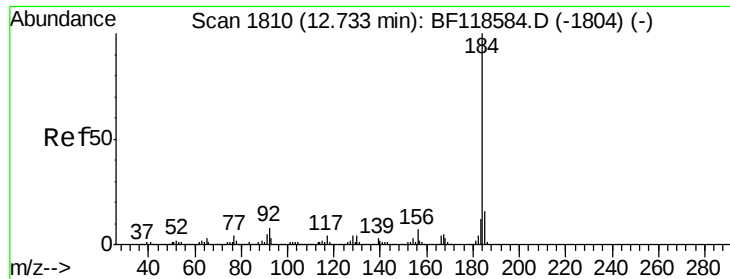


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.380 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1422770

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	11.9	9.6	14.4

184 100

185 16.1 12.9 19.3

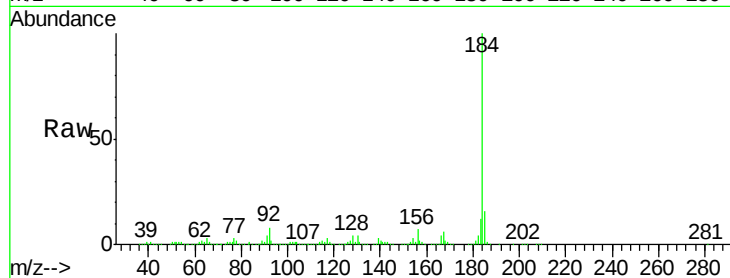
183 11.9 9.6 14.4

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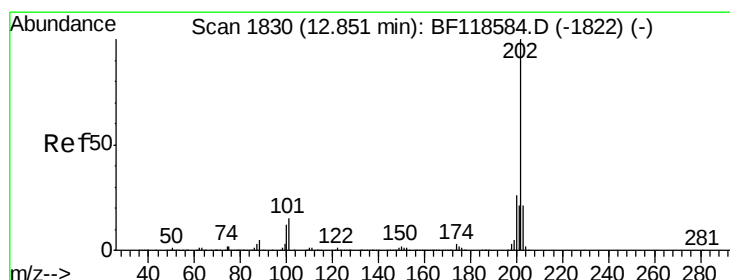
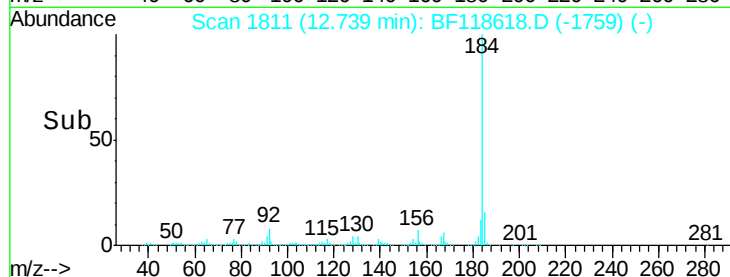
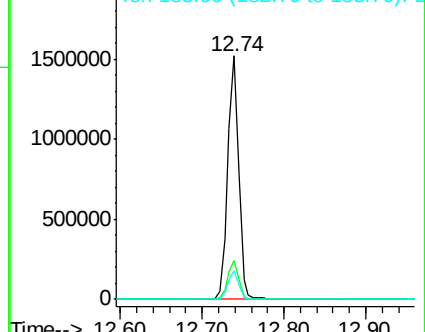


Abundance

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: 41.429 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

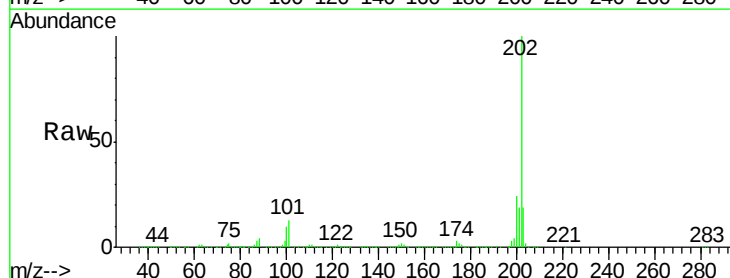
Tgt Ion:202 Resp: 2363069

Ion	Ratio	Lower	Upper
202	100		
200	23.8	20.6	31.0
203	19.2	16.8	25.2

202 100

200 23.8 20.6 31.0

203 19.2 16.8 25.2

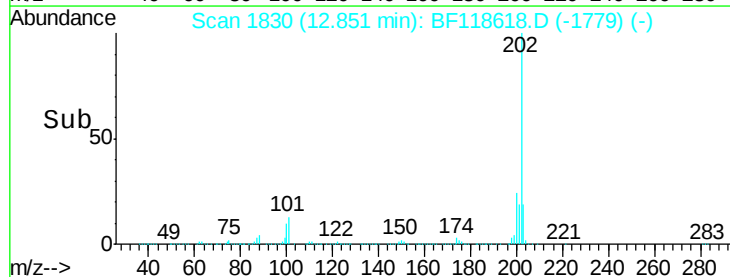
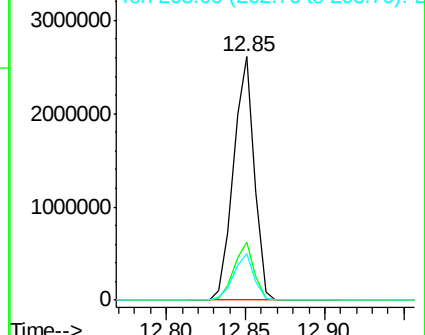


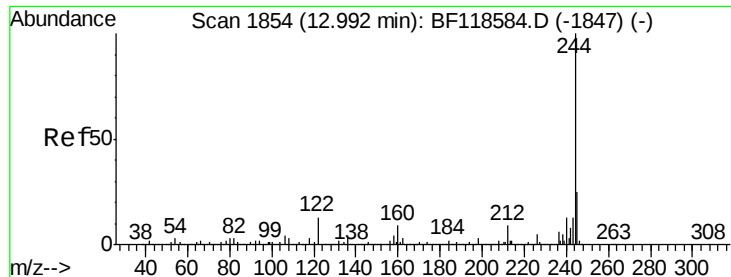
Abundance

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





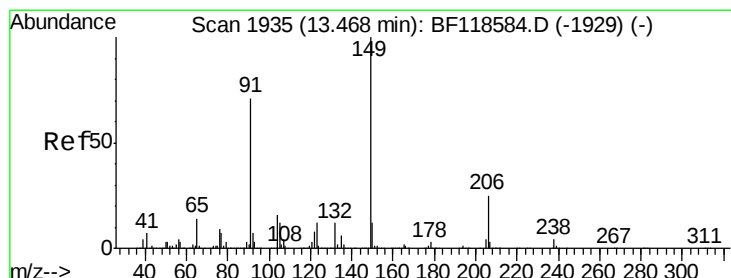
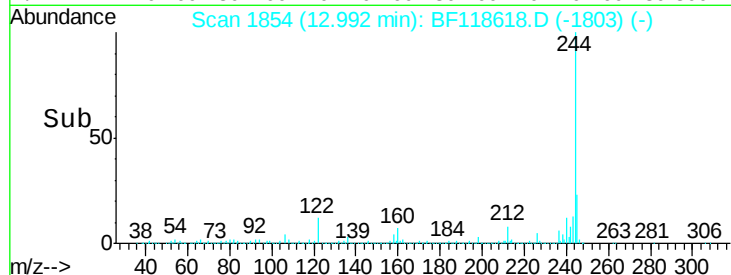
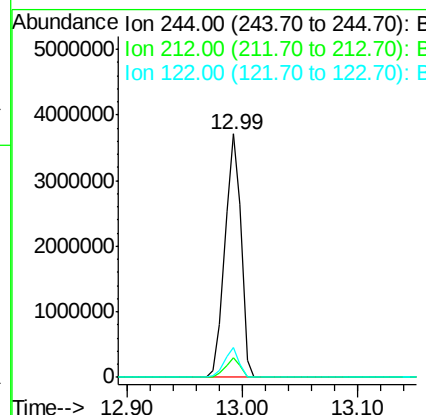
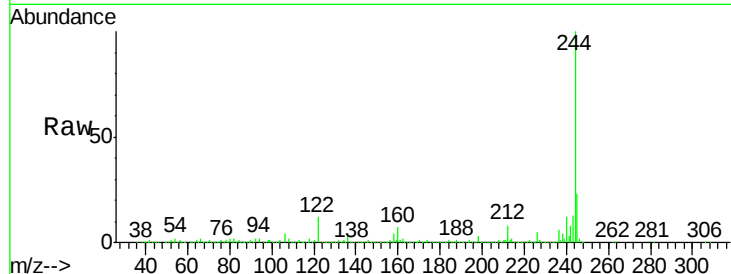
#79
 Terphenyl-d14
 Concen: 92.592 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 3566603
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.0 10.4
 122 12.1 10.7 16.1

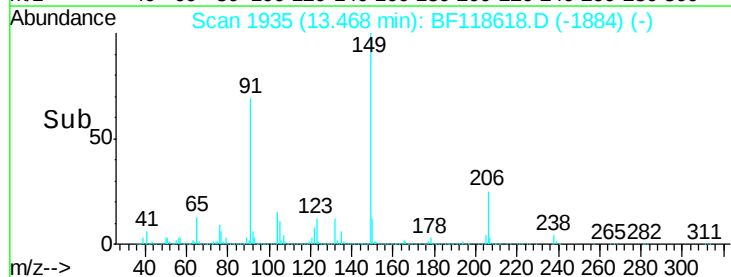
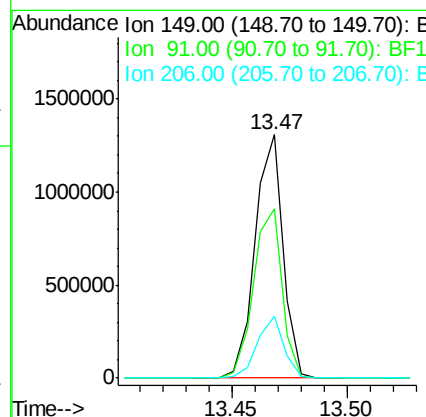
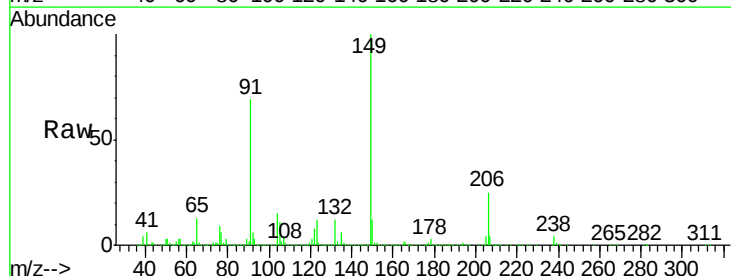
Manual Integrations
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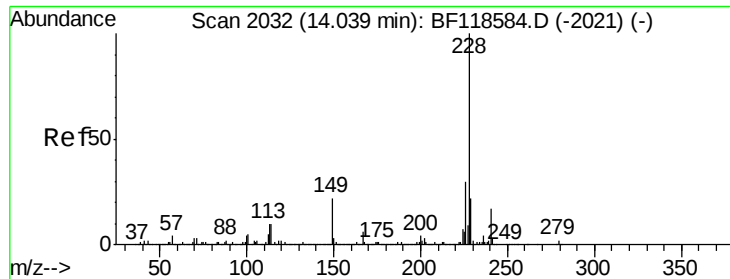
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.368 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF118618.D
 Acq: 21 Jan 2020 5:16

Tgt Ion:149 Resp: 1105744
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.5 84.7
 206 25.4 19.9 29.9





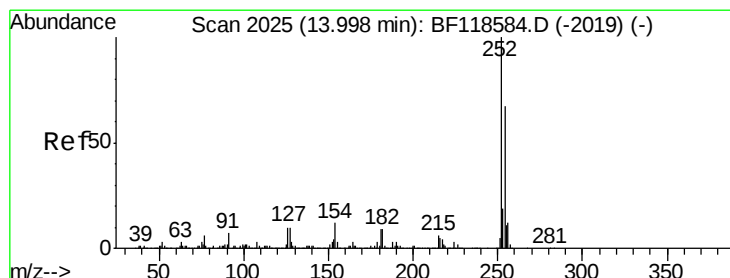
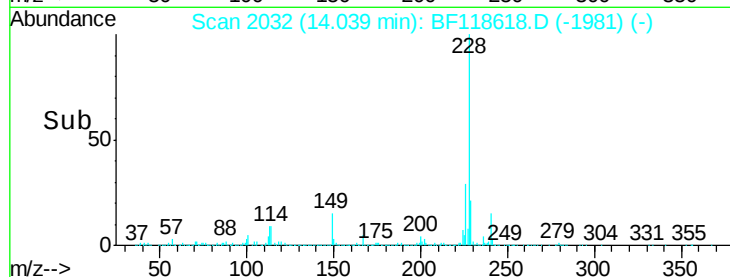
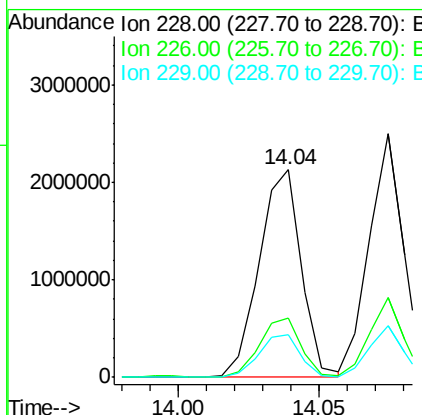
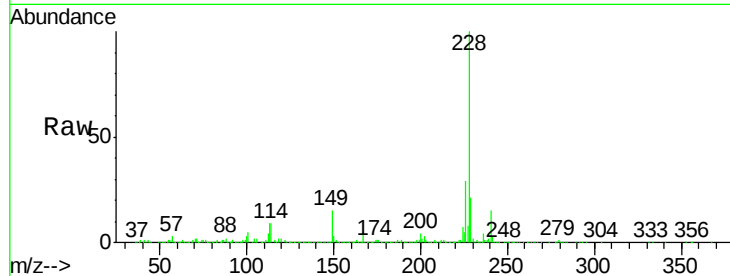
#81
Benzo(a)anthracene
Concen: 43.542 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2200571
Ion Ratio Lower Upper
228 100
226 28.8 24.1 36.1
229 20.8 17.6 26.4

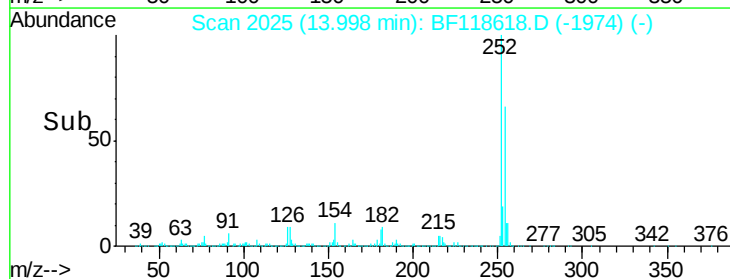
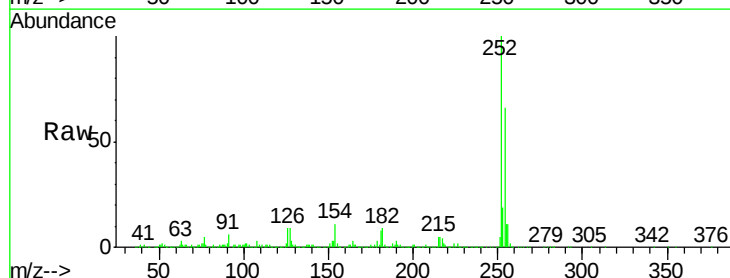
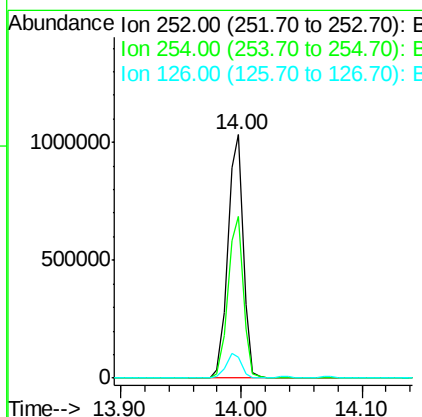
Manual Integrations
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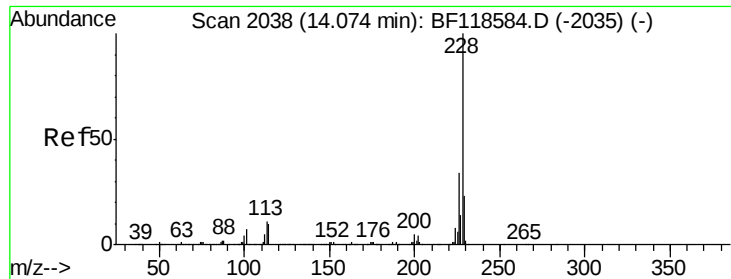
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 51.015 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:252 Resp: 918725
Ion Ratio Lower Upper
252 100
254 66.4 53.4 80.2
126 8.8 8.0 12.0





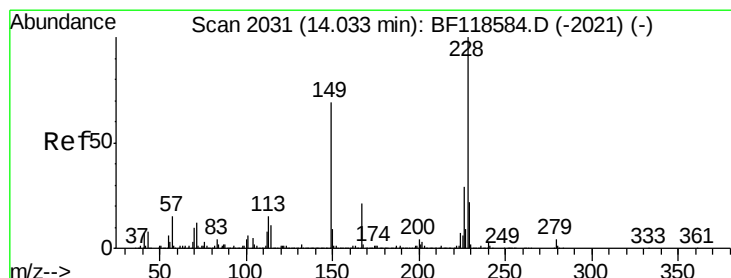
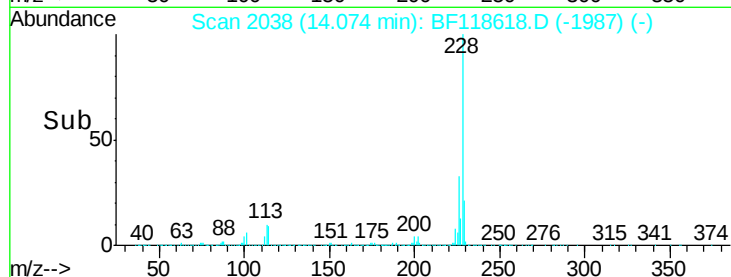
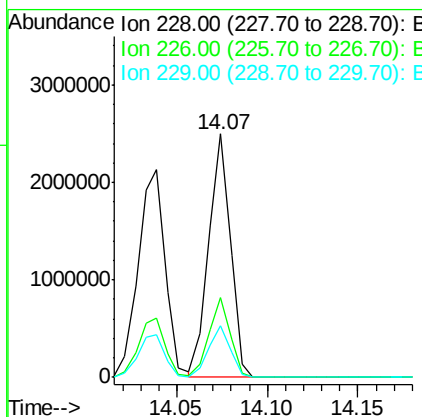
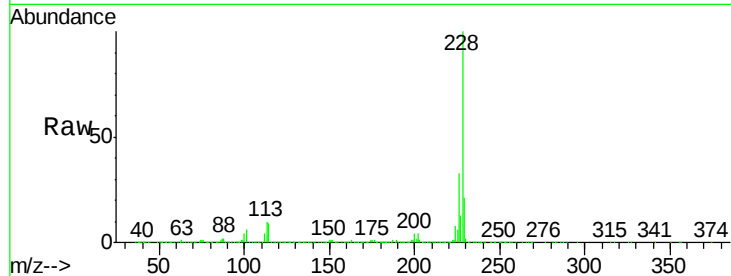
#83
Chrysene
Concen: 43.076 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.4	41.0
229	21.4	18.3	27.5

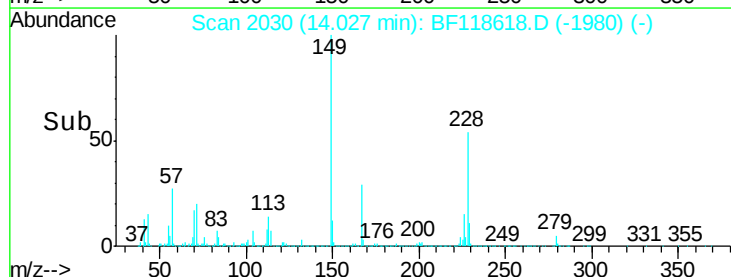
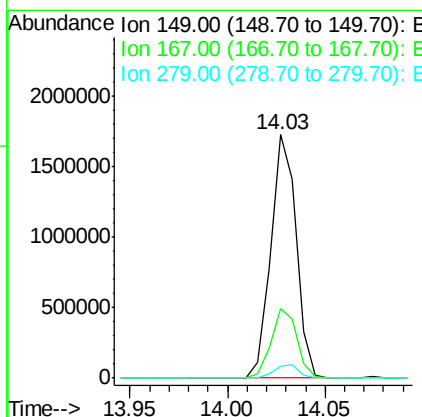
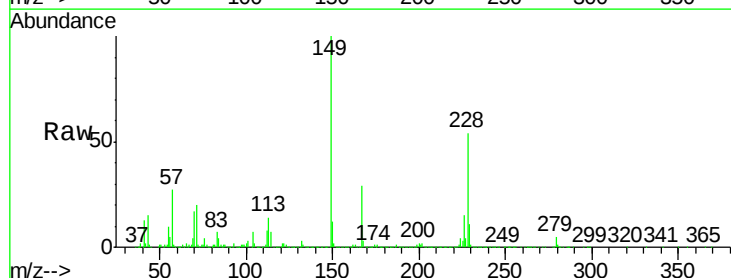
Manual Integrations
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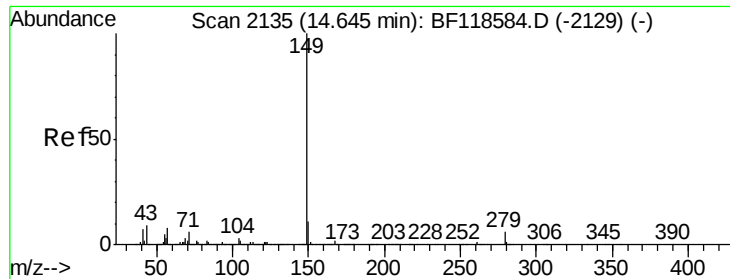
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.141 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.2	36.4
279	4.9	5.0	7.4#





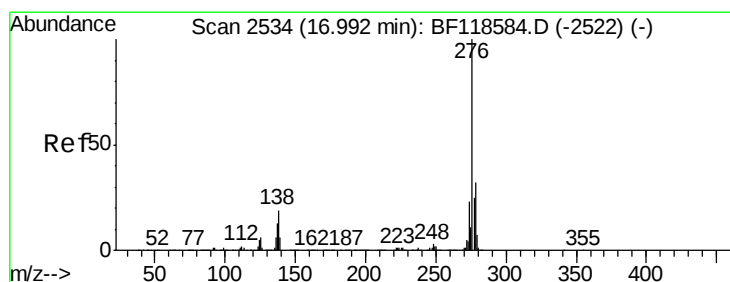
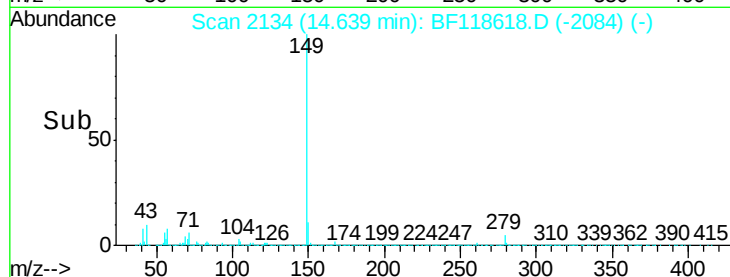
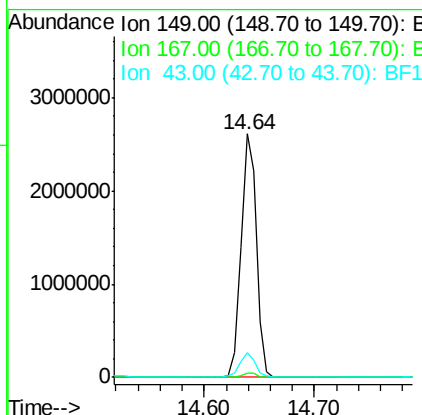
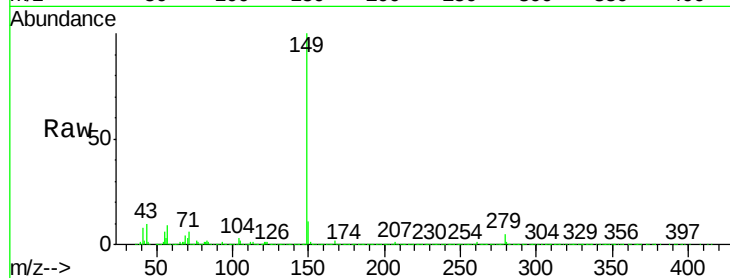
#85
Di-n-octyl phthalate
Concen: 59.845 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.1	12.1

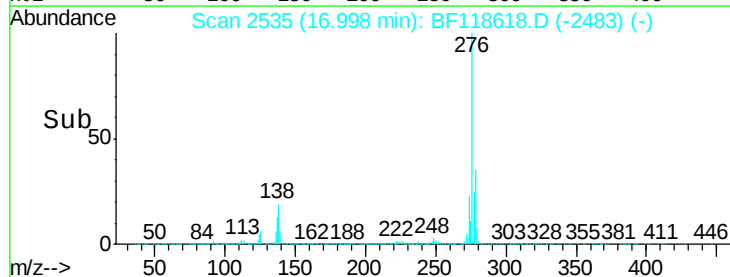
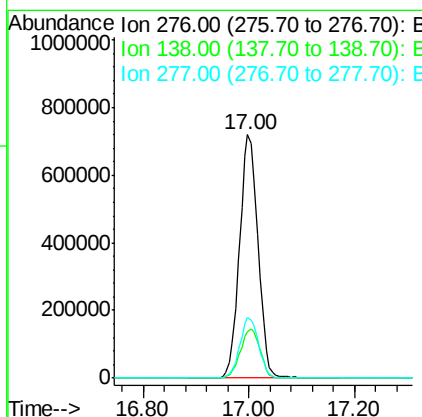
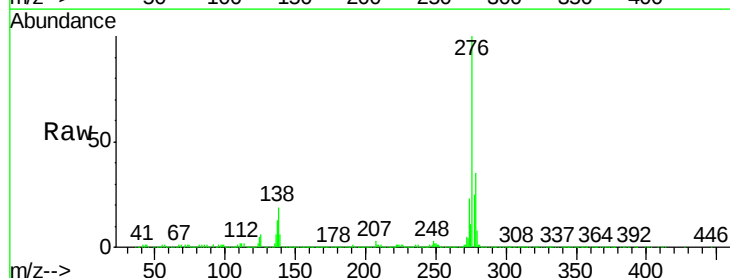
Manual Integrations
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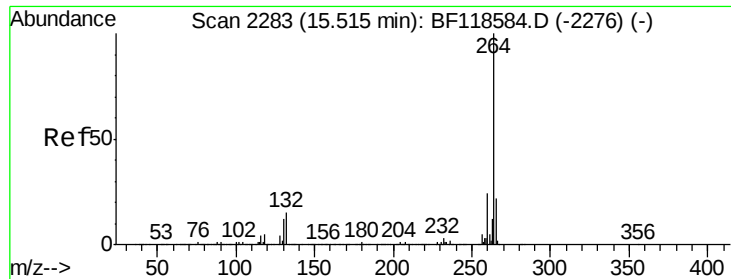
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.478 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.2	25.8
277	25.3	20.5	30.7





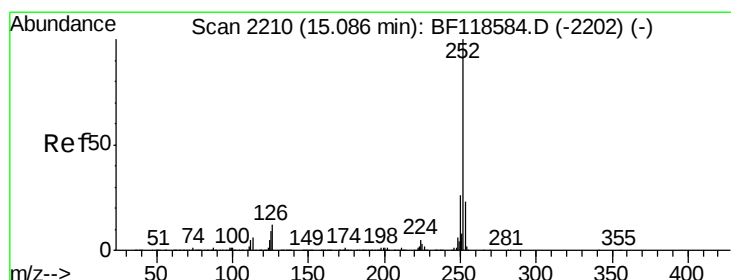
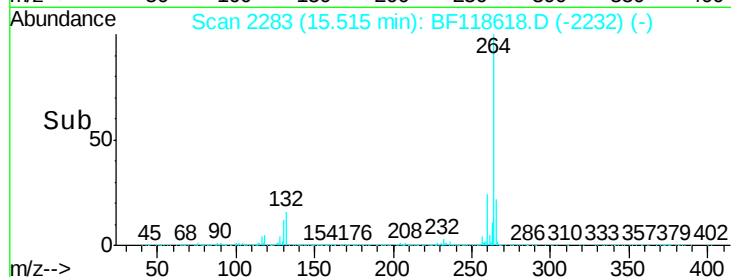
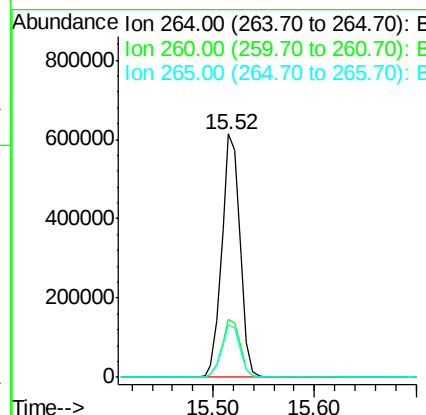
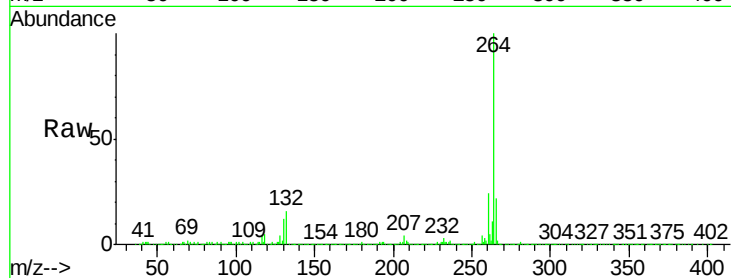
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.0	17.7	26.5

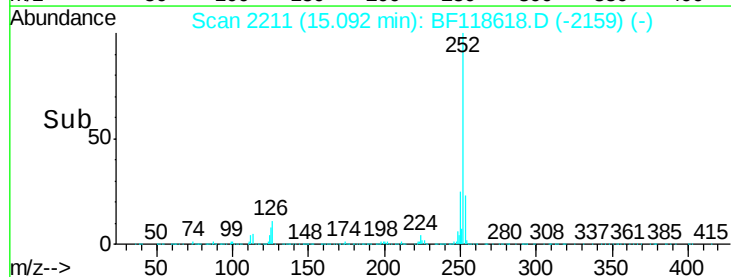
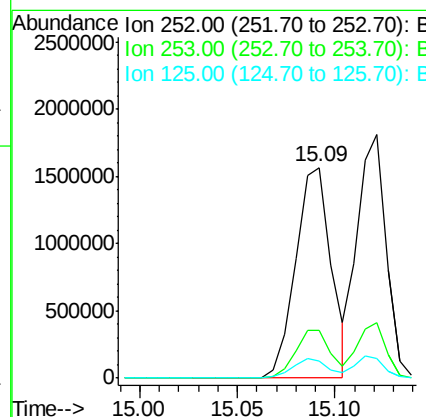
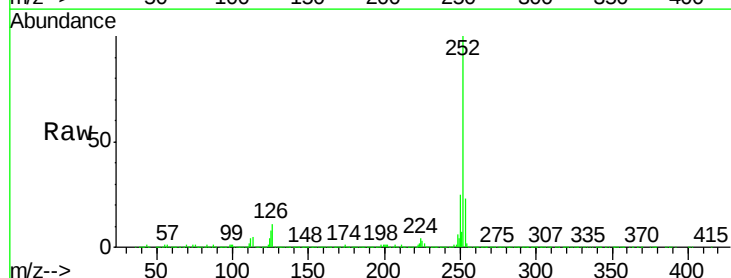
Manual Integrations
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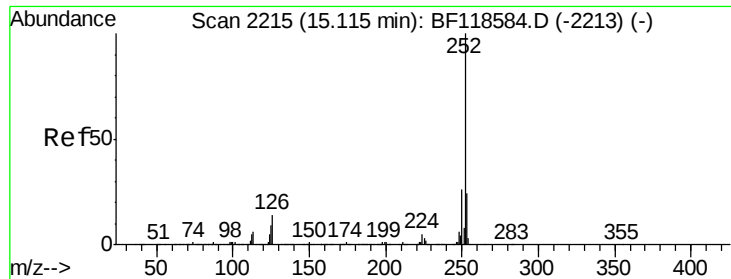
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.142 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	8.2	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 41.641 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Instrument :

BNA_F

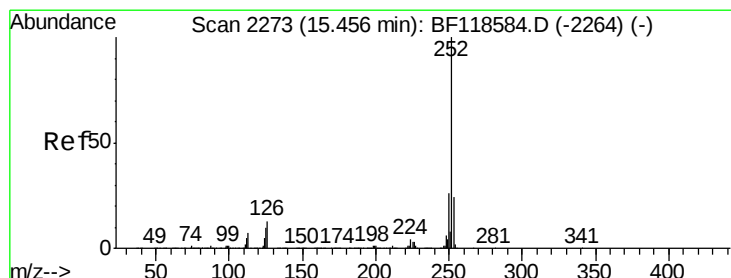
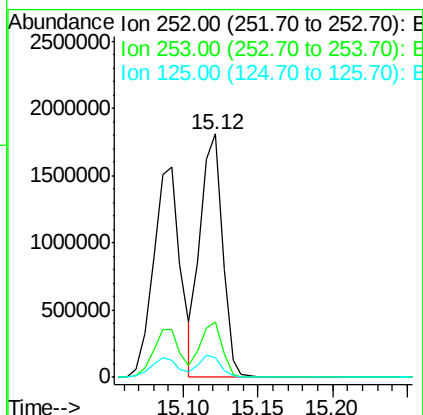
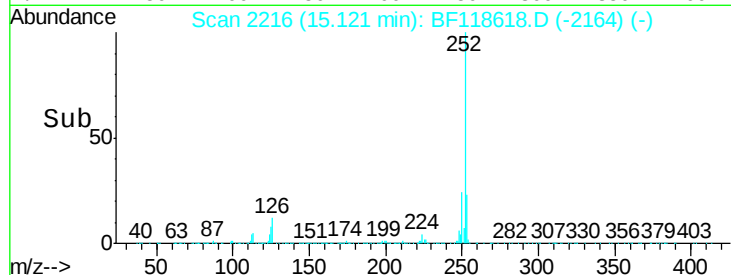
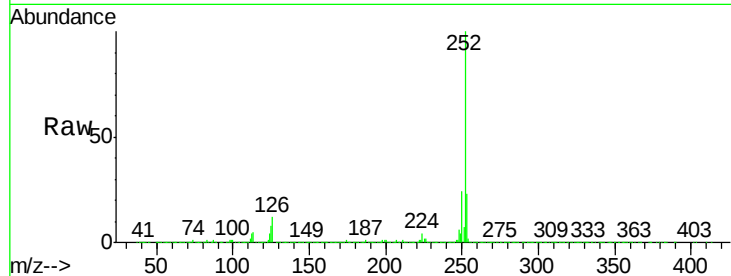
ClientSampleId :

SSTDCCC040

Tot	Ion:252	Resp: 1853653	
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	8.3	7.6	11.4

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.994 ng

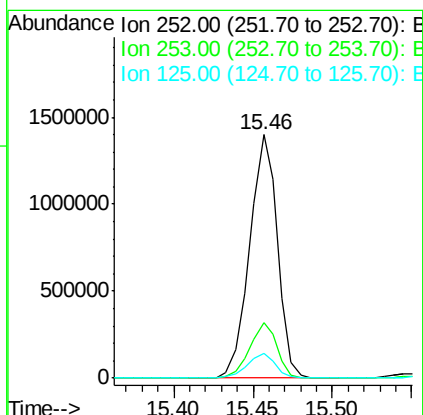
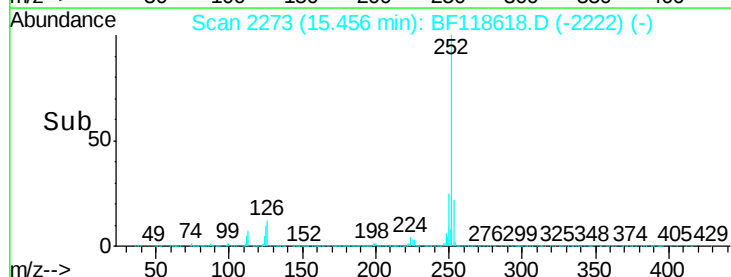
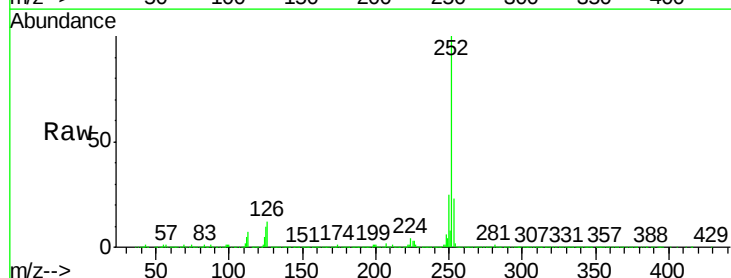
RT: 15.46 min Scan# 2273

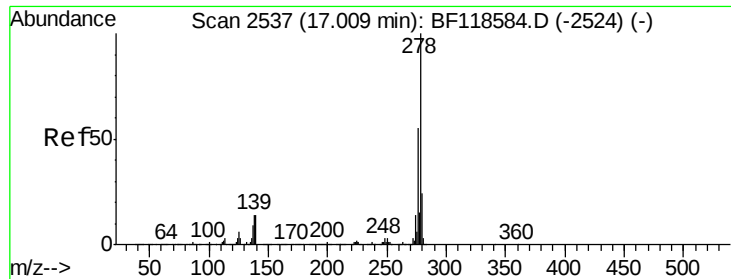
Delta R.T. 0.00 min

Lab File: BF118618.D

Acq: 21 Jan 2020 5:16

Tgt	Ion:252	Resp: 1699122	
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	10.2	7.8	11.6





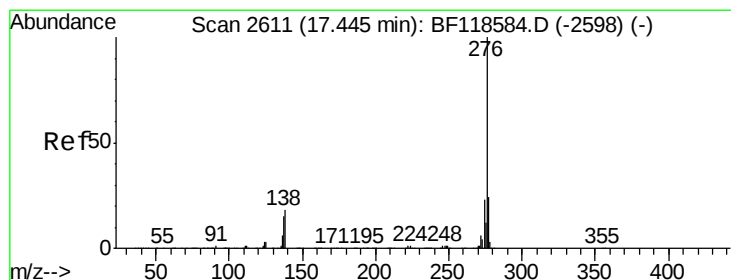
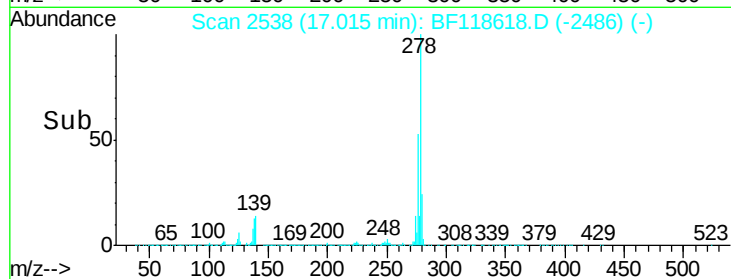
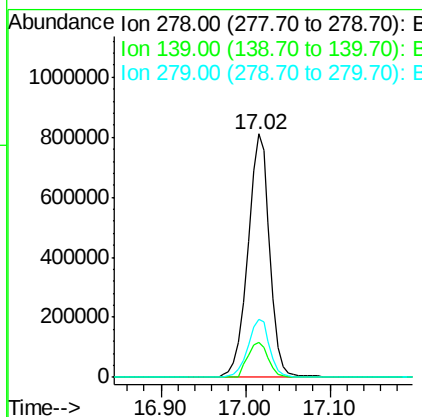
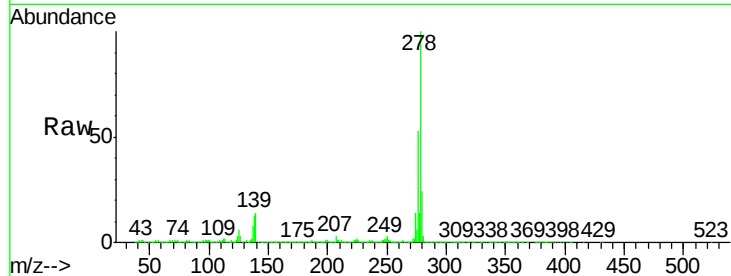
#91
Dibenzo(a,h)anthracene
Concen: 39.655 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:278 Resp: 1453918
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.0
279 23.8 19.0 28.6

Manual Integrations
APPROVED

mohammad
1/21/2020 2:26:33 PM



#92
Benzo(g,h,i)perylene
Concen: 36.793 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118618.D
Acq: 21 Jan 2020 5:16

Tgt Ion:276 Resp: 1309770
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 18.7 14.4 21.6

