

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118586.D
 Acq On : 20 Jan 2020 12:32
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 1/21/2020 2:25:50 PM

Quant Time: Jan 20 13:13:56 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 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	463855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1693488	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	962036	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1760561	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1294854	20.00	ng	0.00
87) Perylene-d12	15.52	264	1067686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2892079	115.20	ng	0.00
7) Phenol-d6	6.52	99	3800649	115.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	3577772	130.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1347121	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	5611632	105.30	ng	0.00
79) Terphenyl-d14	13.00	244	6530004	99.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	706858	58.600	ng	99
3) Pyridine	3.43	79	2010623	60.354	ng	100
4) n-Nitrosodimethylamine	3.37	42	869025	56.874	ng	99
6) Aniline	6.55	93	2547536	59.169	ng	100
8) 2-Chlorophenol	6.67	128	1660822	58.170	ng	97
9) Benzaldehyde	6.43	77	1041414	61.846	ng	96
10) Phenol	6.53	94	2162978	59.933	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1608982	55.663	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1890969	55.695	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1907975	55.938	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1804245	56.537	ng	98
15) Benzyl Alcohol	7.03	79	1545297	57.243	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2231049	52.615	ng	99
17) 2-Methylphenol	7.13	107	1391815	57.431	ng	99
18) Hexachloroethane	7.40	117	703888	56.629	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	1302461	55.215	ng	100
20) 3+4-Methylphenols	7.29	107	1657445	57.191	ng	98
22) Acetophenone	7.30	105	2298643	55.934	ng	98
24) Nitrobenzene	7.47	77	1820901	62.446	ng	97
25) Isophorone	7.71	82	3266567	54.891	ng	99
26) 2-Nitrophenol	7.78	139	832143	72.228	ng	96
27) 2,4-Dimethylphenol	7.82	122	1361370	57.521	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	2090472	54.673	ng	98
29) 2,4-Dichlorophenol	8.02	162	1509508	57.944	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1712878	56.419	ng	99
31) Naphthalene	8.19	128	4344303	54.396	ng	95
32) Benzoic acid	7.96	122	1139111	78.339	ng	97
33) 4-Chloroaniline	8.23	127	2054564	55.367	ng	97
34) Hexachlorobutadiene	8.32	225	1045284	55.199	ng	99
35) Caprolactam	8.62	113	494112m	60.969	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1486175	57.548	ng	99
37) 2-Methylnaphthalene	8.88	142	3129499	55.310	ng	99
38) 1-Methylnaphthalene	8.98	142	2983022	55.728	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1736866	55.974	ng	100

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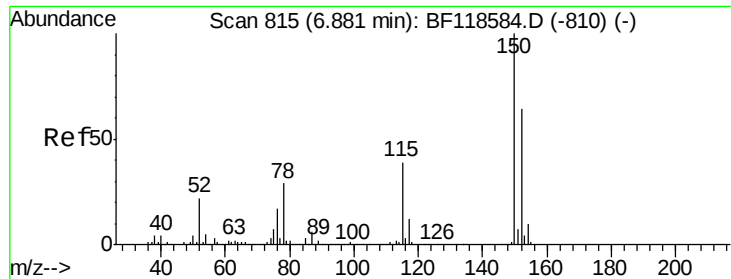
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	921075	56.813	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	1212077	61.308	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	1214354	60.754	nq	96
46) 1,1'-Biphenyl	9.35	154	3743424	54.457	nq	97
47) 2-Chloronaphthalene	9.37	162	3206382	55.340	nq	99
48) 2-Nitroaniline	9.46	65	1045559	69.383	nq	95
49) Acenaphthylene	9.79	152	4489479	54.879	nq	97
50) Dimethylphthalate	9.65	163	3611294	54.672	nq	98
51) 2,6-Dinitrotoluene	9.70	165	870358	69.060	nq	95
52) Acenaphthene	9.96	154	3070456	57.294	nq	98
53) 3-Nitroaniline	9.87	138	985139	69.002	nq	98
54) 2,4-Dinitrophenol	9.97	184	373571	88.146	nq	# 46
55) Dibenzofuran	10.13	168	4148214	54.697	nq	96
56) 4-Nitrophenol	10.03	139	753342	71.431	nq	90
57) 2,4-Dinitrotoluene	10.11	165	1106010	72.218	nq	98
58) Fluorene	10.47	166	3257015	55.458	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1102838	64.494	nq	99
60) Diethylphthalate	10.35	149	3547315	55.009	nq	96
61) 4-Chlorophenyl-phenylether	10.47	204	1775138	55.250	nq	97
62) 4-Nitroaniline	10.49	138	1008000	71.087	nq	98
63) Azobenzene	10.63	77	3396545	54.042	nq	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	511626	81.192	nq	80
66) n-Nitrosodiphenylamine	10.59	169	3052923	53.967	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	1295230	54.959	nq	97
68) Hexachlorobenzene	11.03	284	1458540	55.848	nq	94
69) Atrazine	11.11	200	1104245	67.642	nq	99
70) Pentachlorophenol	11.21	266	864441	67.350	nq	97
71) Phenanthrene	11.44	178	4747625	53.649	nq	97
72) Anthracene	11.49	178	4684195	53.054	nq	97
73) Carbazole	11.64	167	4359184	54.744	nq	96
74) Di-n-butylphthalate	11.97	149	4823273	48.742	nq	97
75) Fluoranthene	12.62	202	4977223	52.300	nq	96
77) Benzidine	12.74	184	2109109	67.041	nq	97
78) Pyrene	12.85	202	5046562	52.219	nq	96
80) Butylbenzylphthalate	13.47	149	2202202	53.159	nq	97
81) Benzo(a)anthracene	14.04	228	4435116	54.264	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	1663173	58.000	nq	99
83) Chrysene	14.08	228	4225129	53.744	nq	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	2565958	49.903	nq	97
85) Di-n-octyl phthalate	14.64	149	3893242	49.444	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3830931	49.519	nq	100
88) Benzo(b)fluoranthene	15.09	252	3979668	57.230	nq	98
89) Benzo(k)fluoranthene	15.12	252	3648346	58.052	nq	97
90) Benzo(a)pyrene	15.46	252	3460761	57.195	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	3124505	55.288	nq	98
92) Benzo(g,h,i)perylene	17.45	276	3048521	55.845	nq	97

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



#1

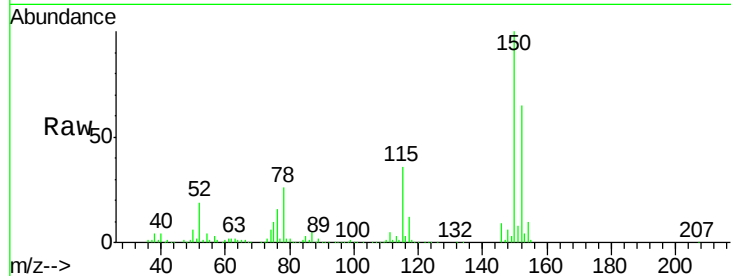
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	56.0	48.4	72.6

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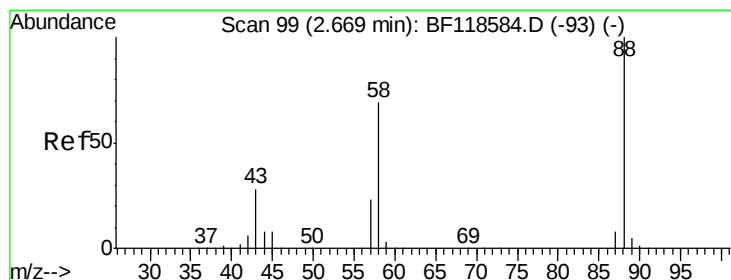
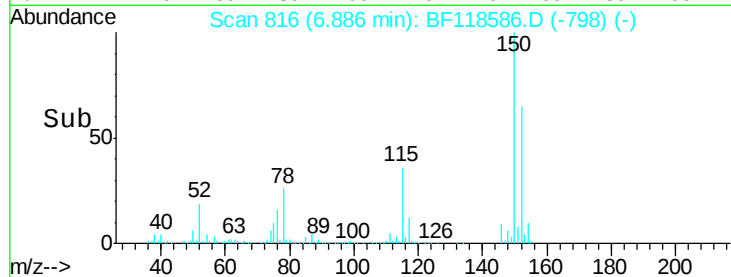
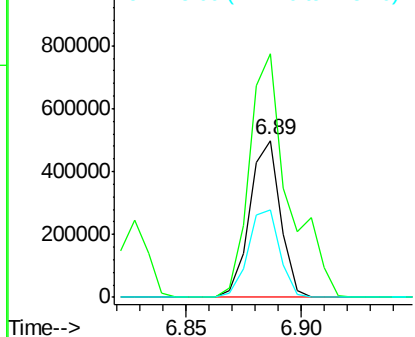


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

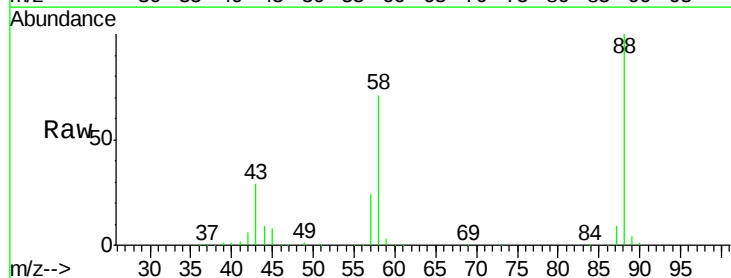
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 58.600 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	56.1	84.1
43	28.4	23.0	34.6

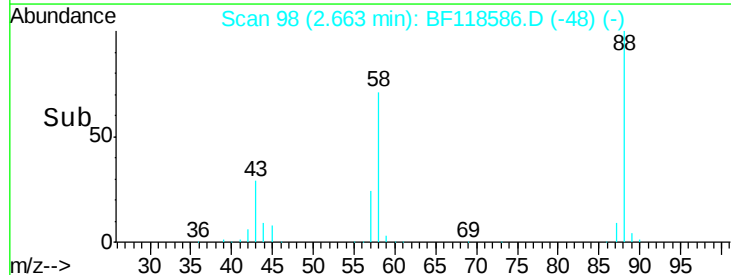
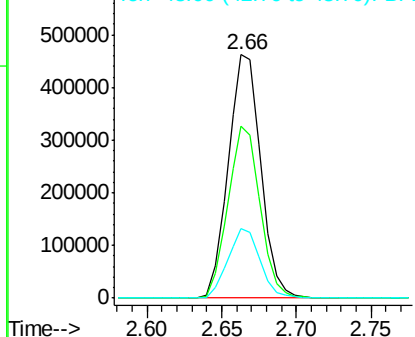


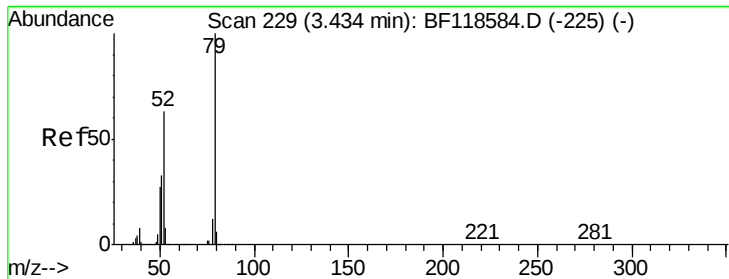
Abundance

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: 60.354 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 2010623

Ion Ratio Lower Upper

79 100

52 63.3 50.7 76.1

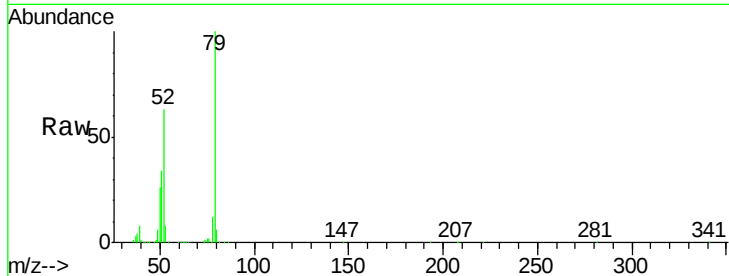
51 33.5 26.6 40.0

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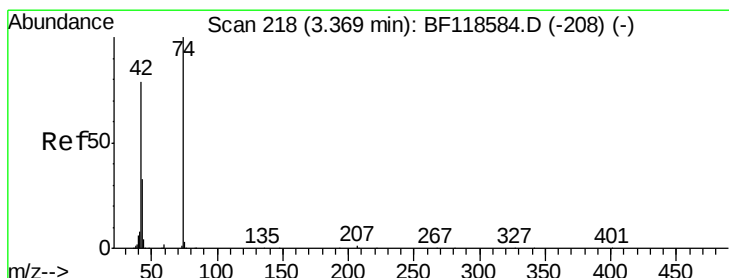
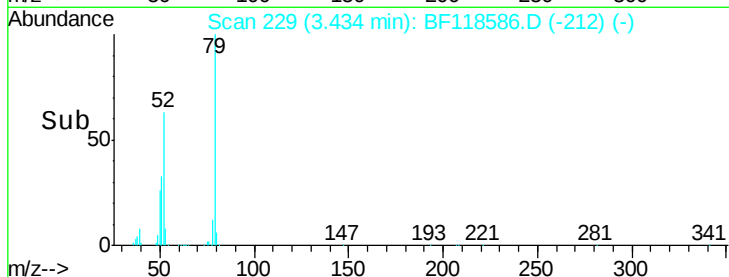
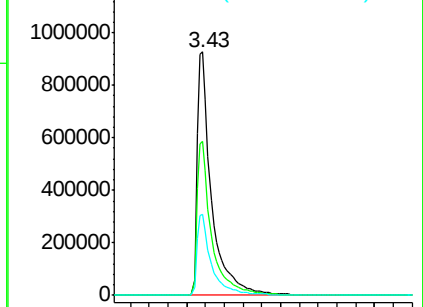
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.874 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

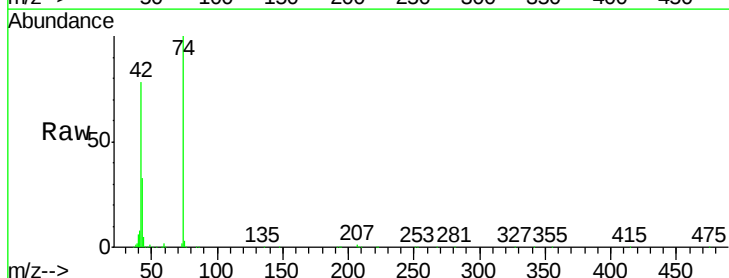
Tgt Ion: 42 Resp: 869025

Ion Ratio Lower Upper

42 100

74 128.8 101.6 152.4

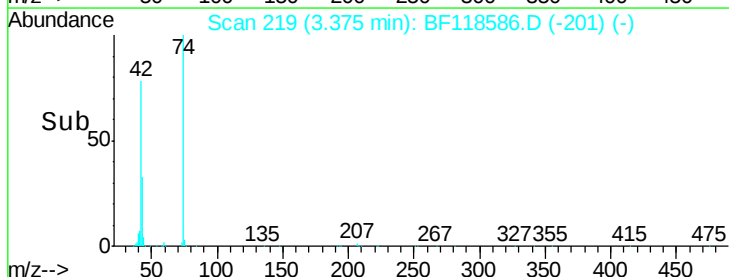
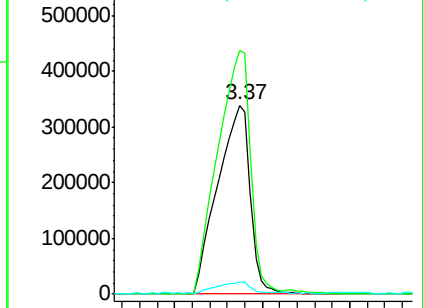
44 6.3 4.9 7.3

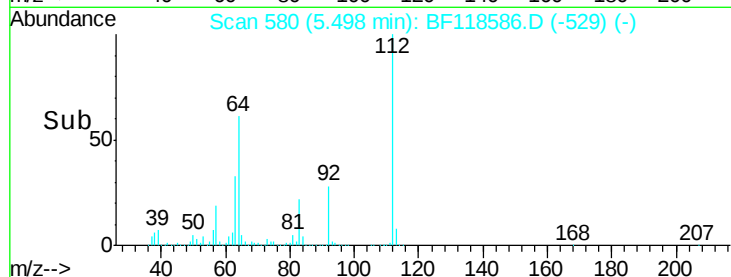
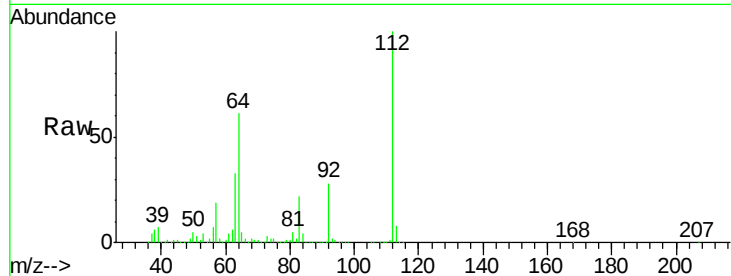
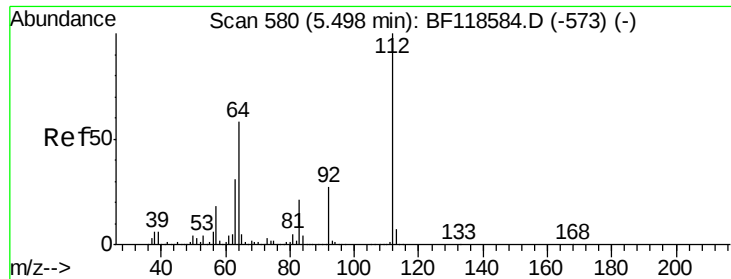


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





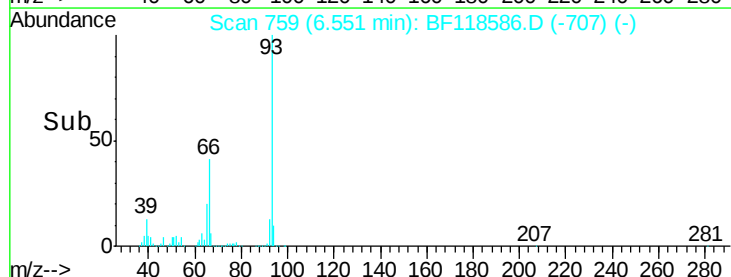
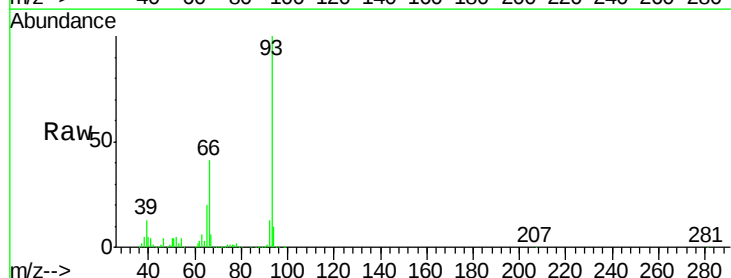
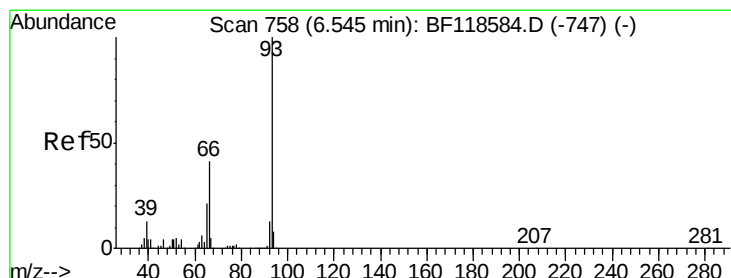
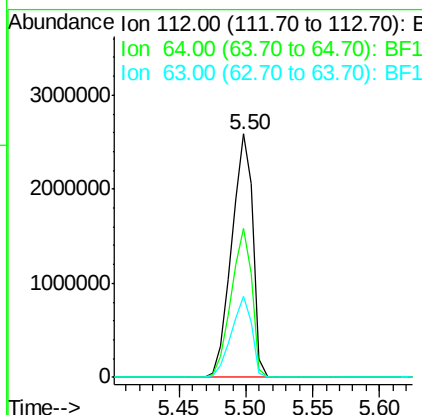
#5
2-Fluorophenol
Concen: 115.203 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tot Ion: 112 Resp: 2892079
Ion Ratio Lower Upper
112 100
64 61.4 46.6 70.0
63 33.2 25.1 37.7

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

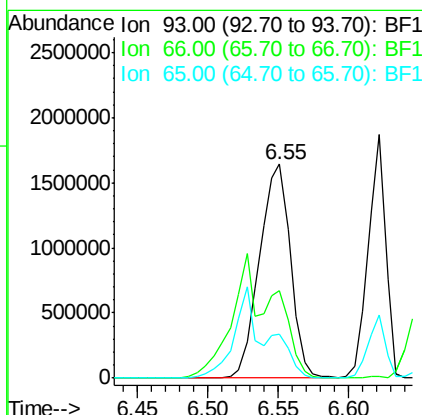
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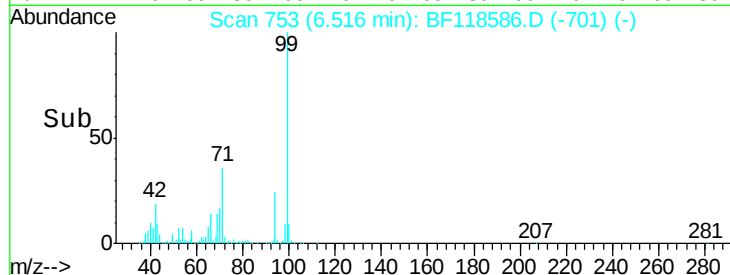
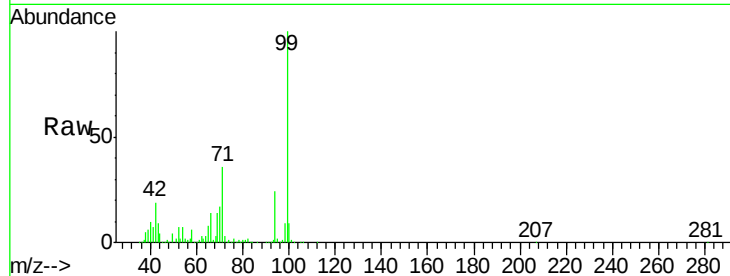
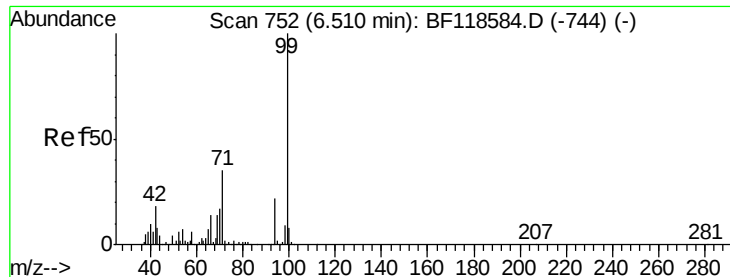
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#6
Aniline
Concen: 59.169 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion: 93 Resp: 2547536
Ion Ratio Lower Upper
93 100
66 40.7 32.8 49.2
65 20.5 16.5 24.7





#7

Phenol-d6

Concen: 115.542 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tot Ion: 99 Resp: 3800649

Ion Ratio Lower Upper

99 100

42 18.7 14.2 21.2

71 35.9 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

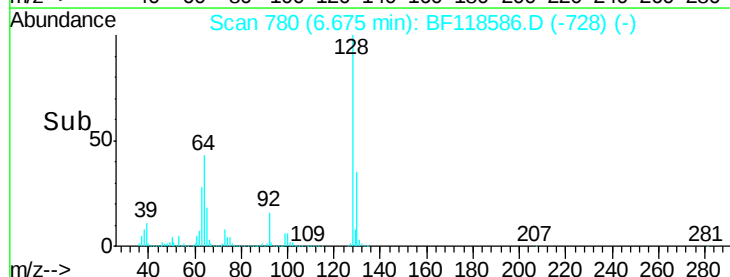
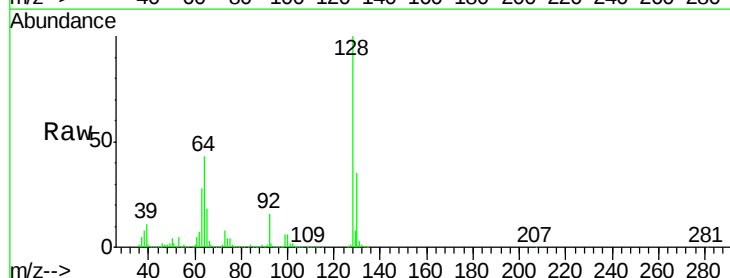
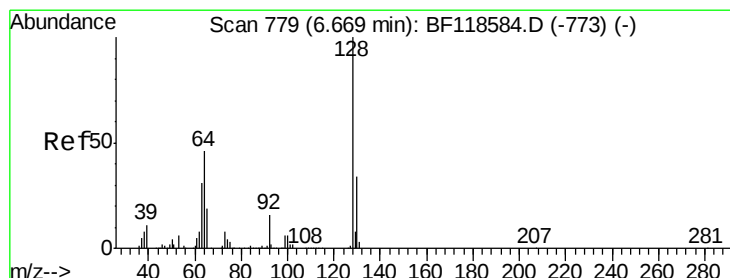
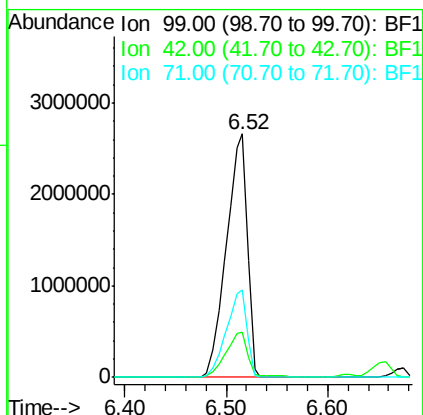
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#8

2-Chlorophenol

Concen: 58.170 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

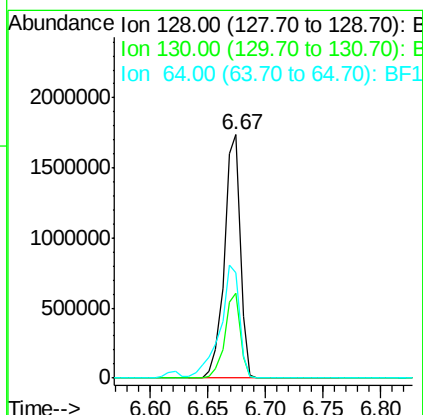
Tgt Ion:128 Resp: 1660822

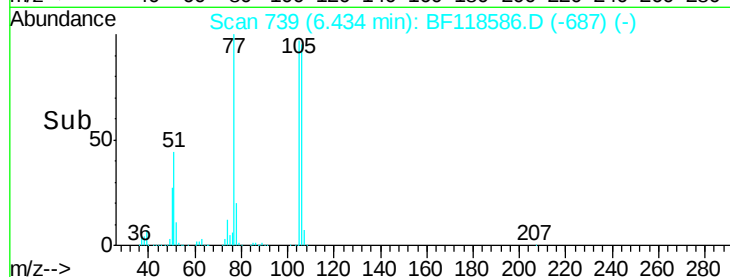
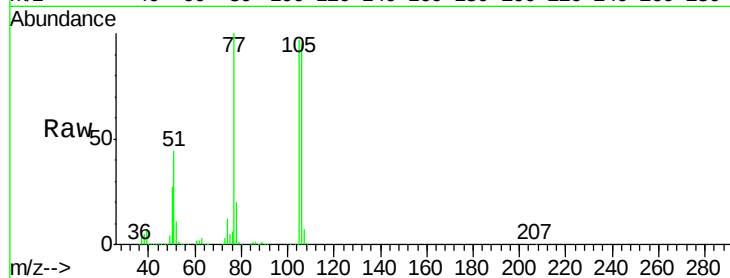
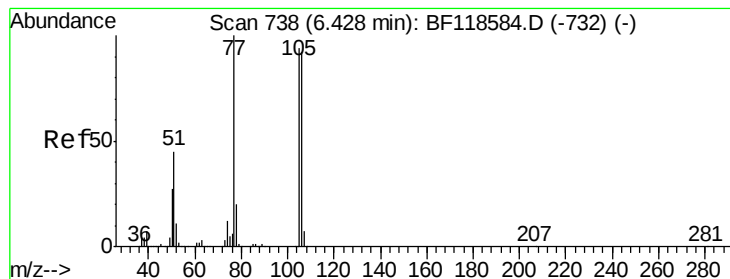
Ion Ratio Lower Upper

128 100

130 34.6 13.6 53.6

64 43.4 26.4 66.4





#9

Benzaldehyde

Concen: 61.846 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tot Ion: 77 Resp: 1041414

Ion	Ratio	Lower	Upper
77	100		
105	97.3	73.5	113.5
106	95.4	71.9	111.9

Instrument :

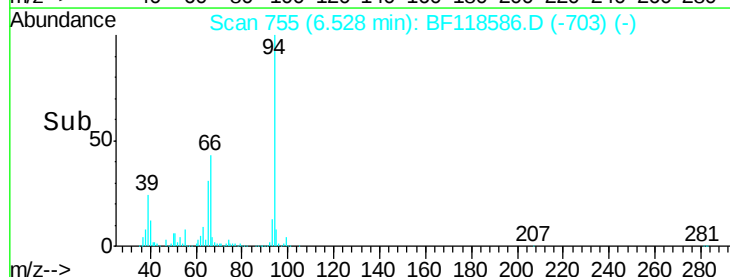
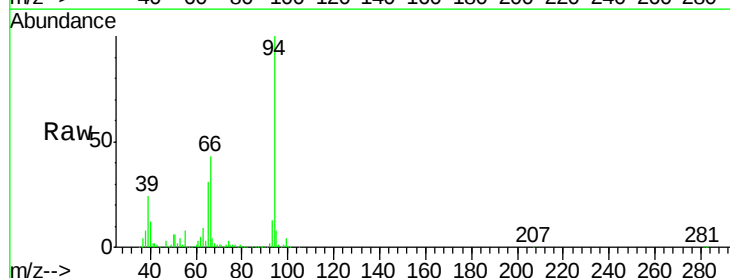
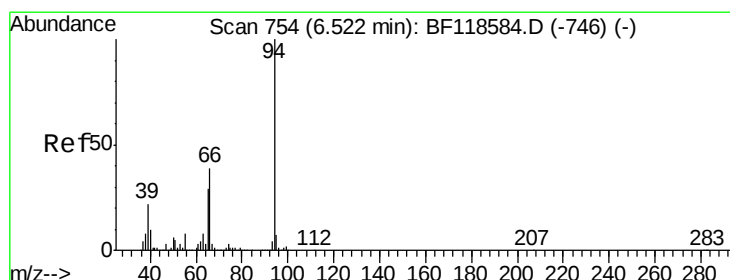
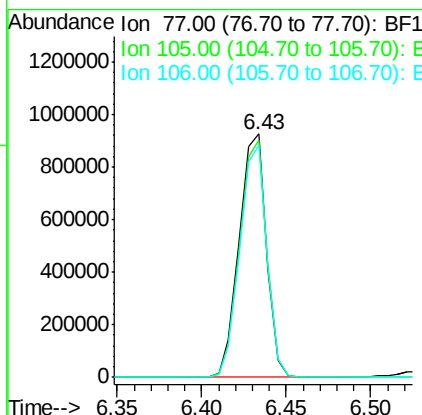
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 59.933 ng

RT: 6.53 min Scan# 755

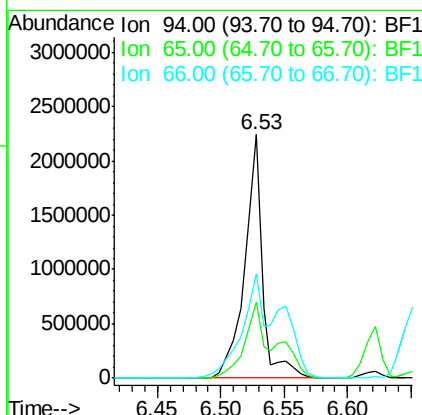
Delta R.T. 0.01 min

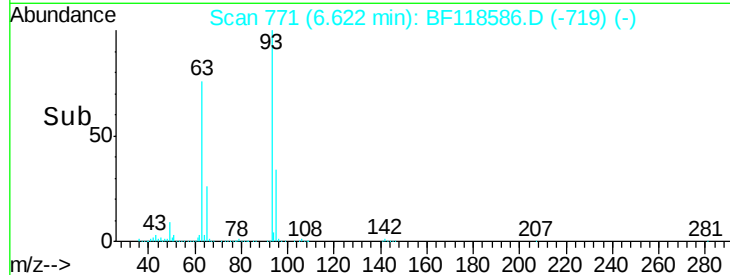
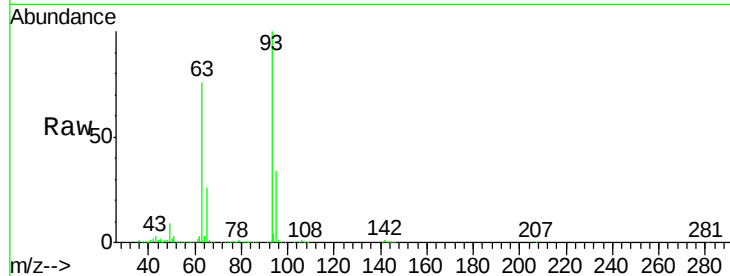
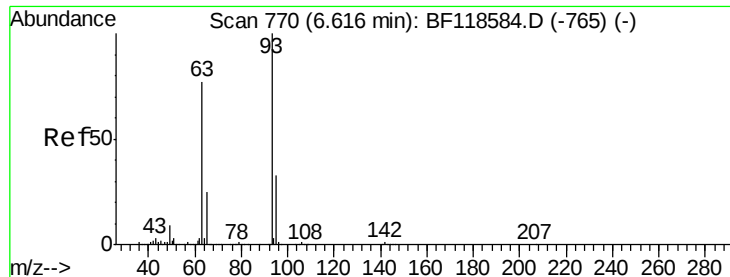
Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion: 94 Resp: 2162978

Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.5	49.5
66	42.7	18.5	58.5





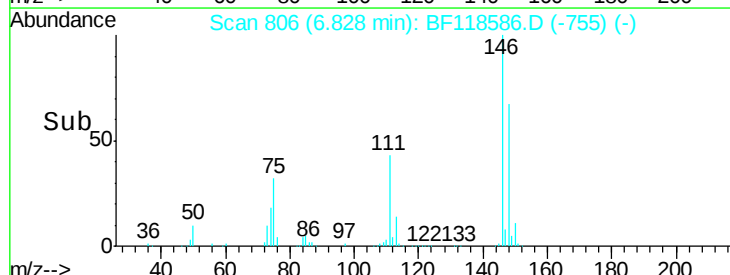
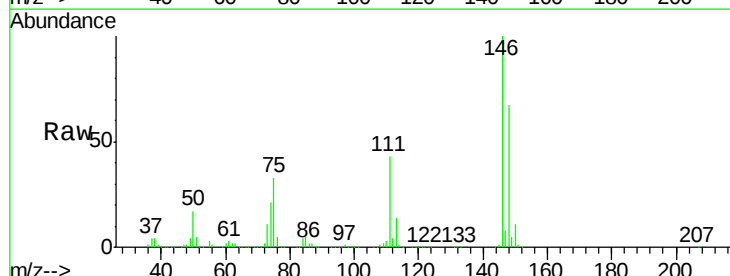
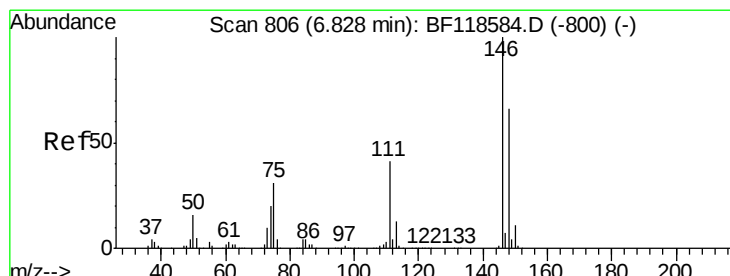
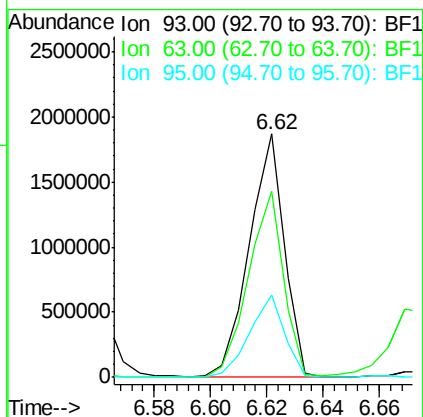
#11
bis(2-Chloroethyl)ether
Concen: 55.663 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tot Ion:	93	Resp:	1608982
Ion	Ratio	Lower	Upper
93	100		
63	76.5	56.3	96.3
95	34.1	13.3	53.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

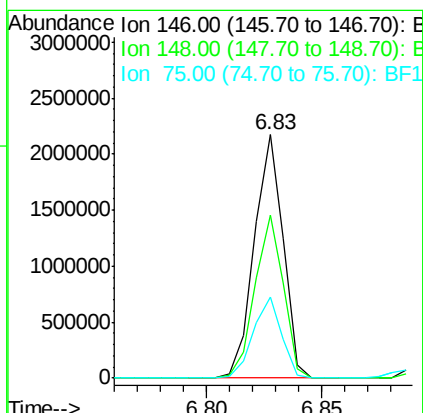
Manual Integrations
APPROVED

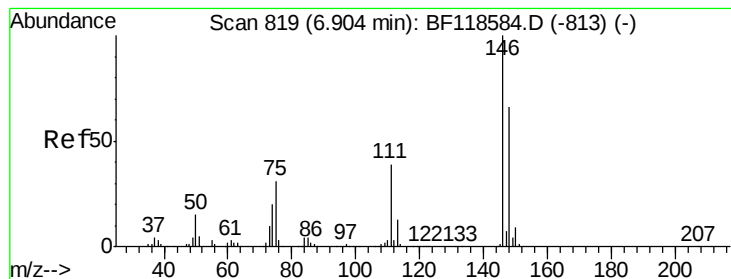
mohammad
1/21/2020 2:25:50 PM



#12
1,3-Dichlorobenzene
Concen: 55.695 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:	146	Resp:	1890969
Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.0	79.6
75	33.5	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 55.938 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:146 Resp: 1907975

Ion Ratio Lower Upper

146 100

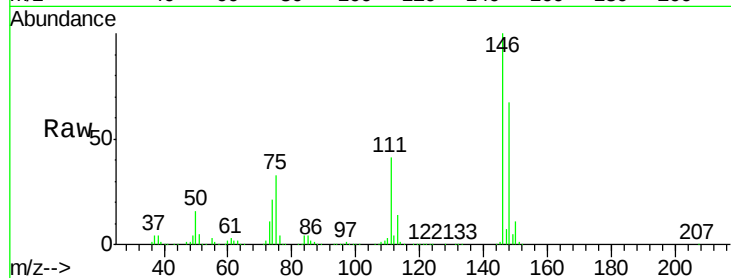
148 66.8 52.4 78.6

111 41.2 31.6 47.4

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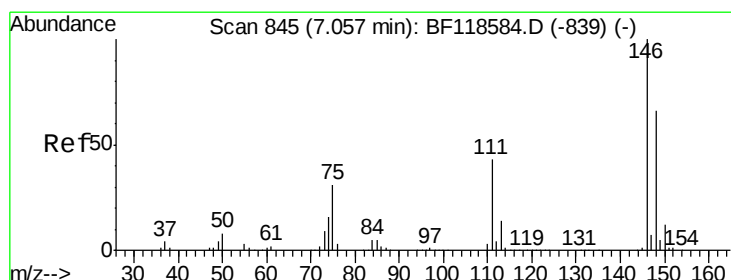
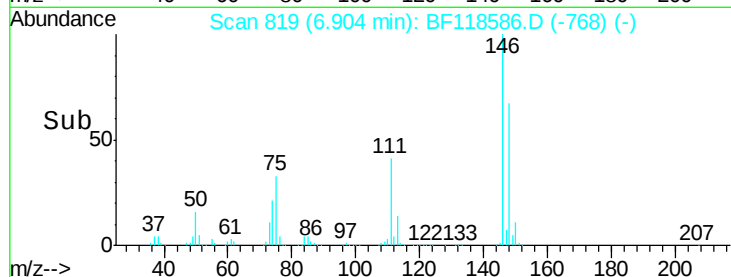
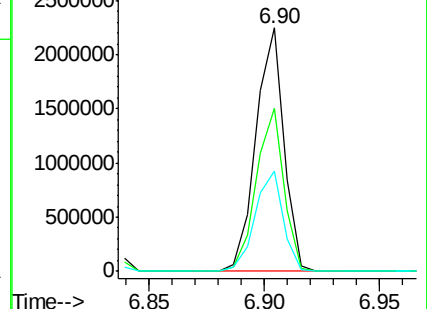
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.537 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

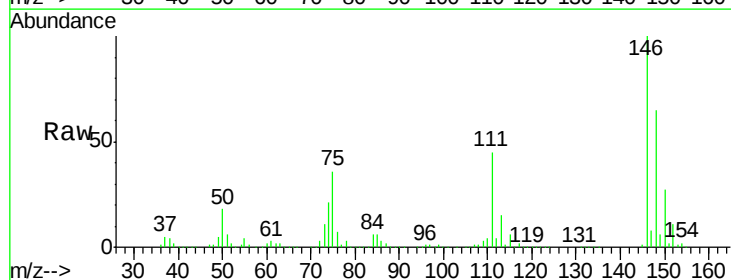
Tgt Ion:146 Resp: 1804245

Ion Ratio Lower Upper

146 100

148 65.2 52.7 79.1

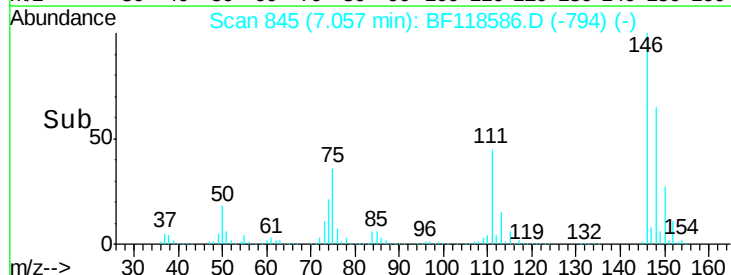
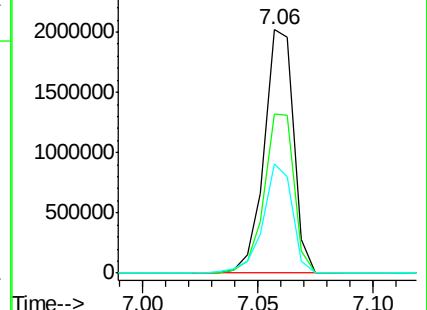
111 45.0 34.6 52.0

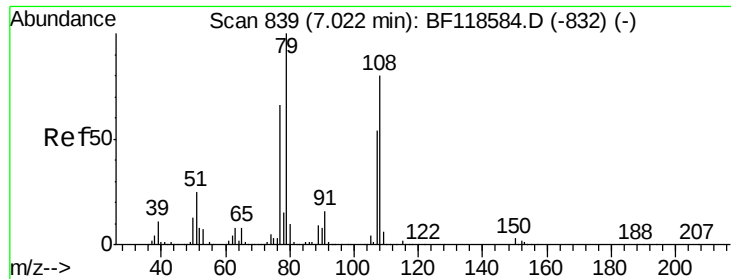


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





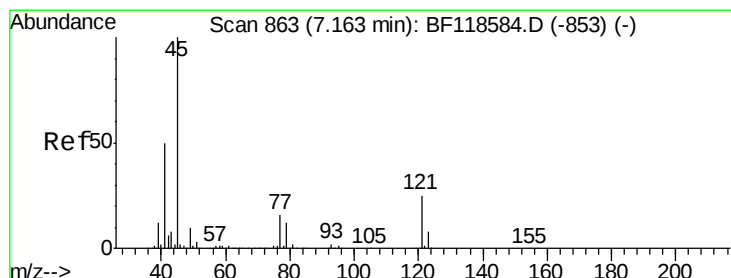
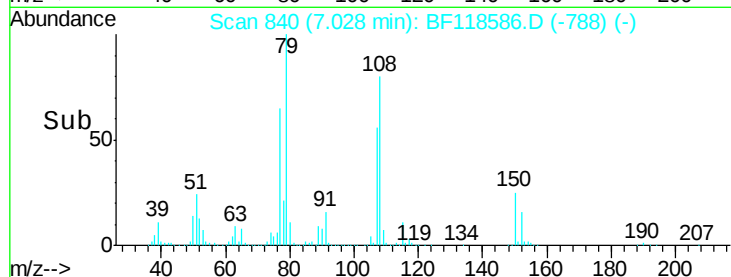
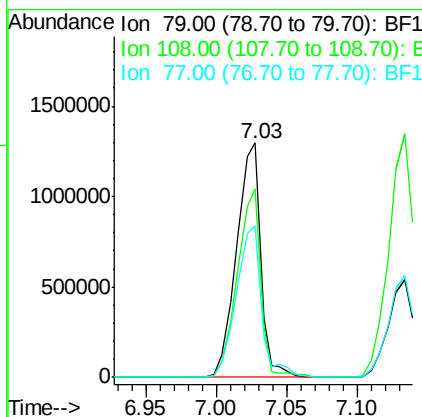
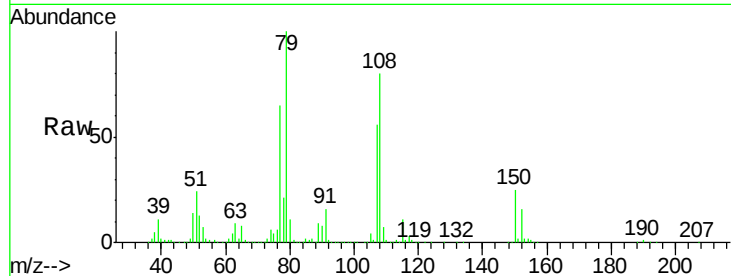
#15
Benzyl Alcohol
Concen: 57.243 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 79 Resp: 1545297
Ion Ratio Lower Upper
79 100
108 80.3 63.6 95.4
77 64.6 52.5 78.7

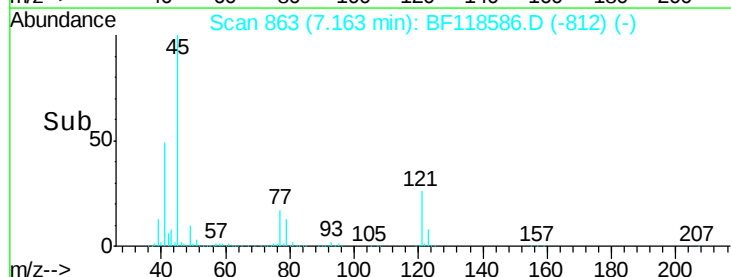
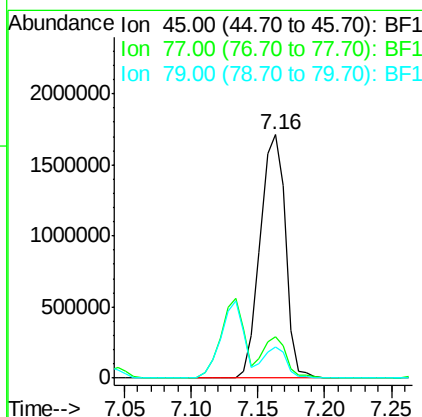
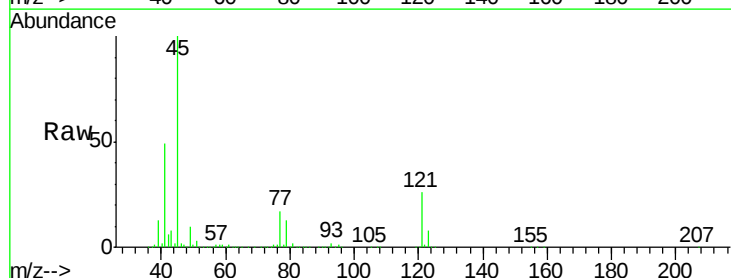
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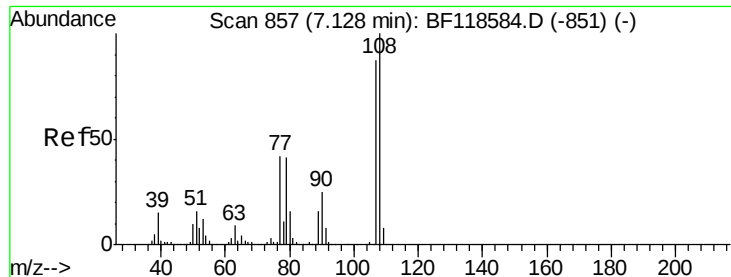
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.615 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion: 45 Resp: 2231049
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.1
79 12.7 0.0 32.4





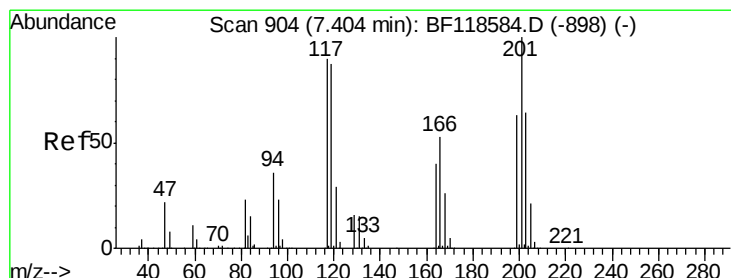
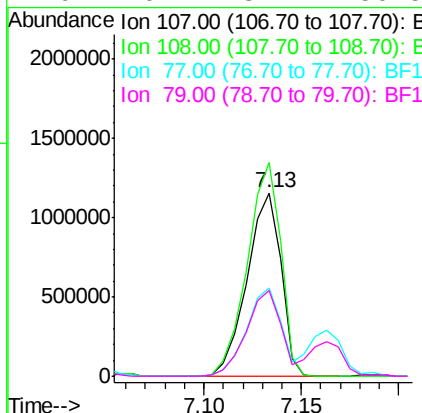
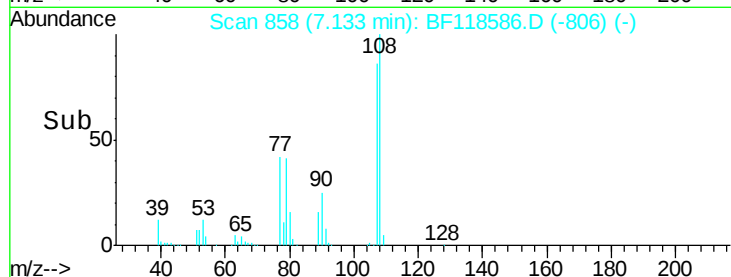
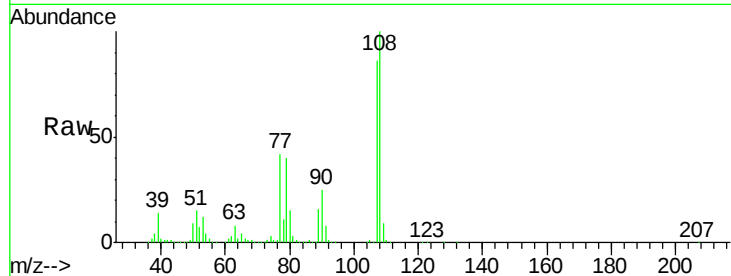
#17
2-Methylphenol
Concen: 57.431 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	107	Resp	1391815
Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.5	137.3
77	48.4	38.7	58.1
79	46.7	37.7	56.5

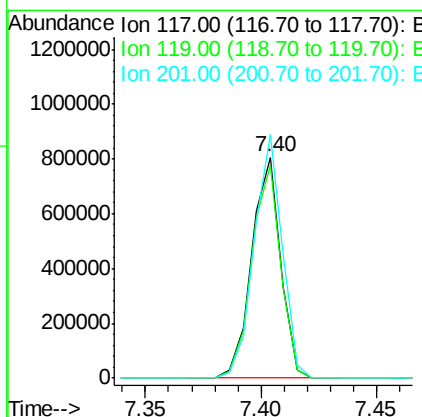
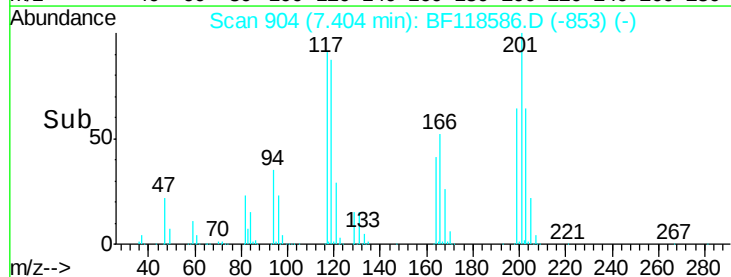
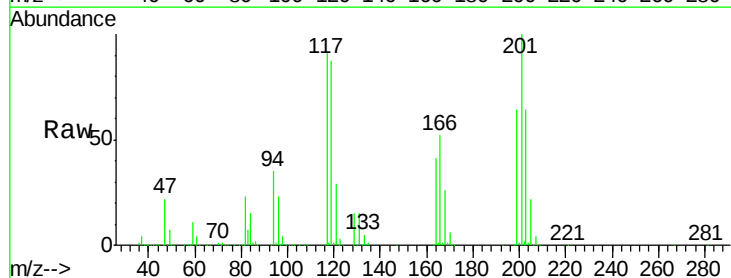
Manual Integrations
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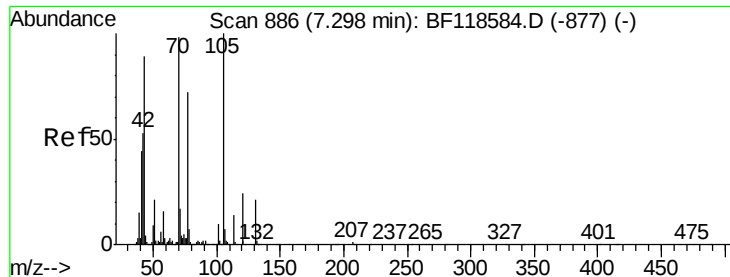
mohammad
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#18
Hexachloroethane
Concen: 56.629 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	117	Resp	703888
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.6	116.4
201	110.2	88.8	133.2





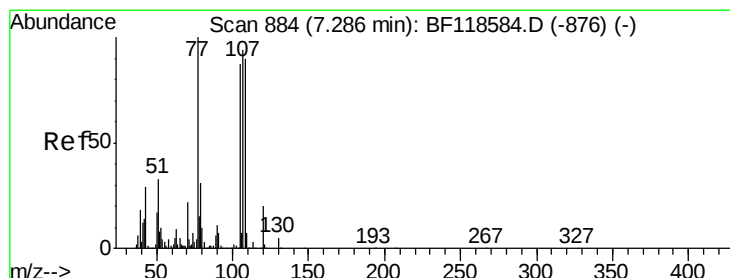
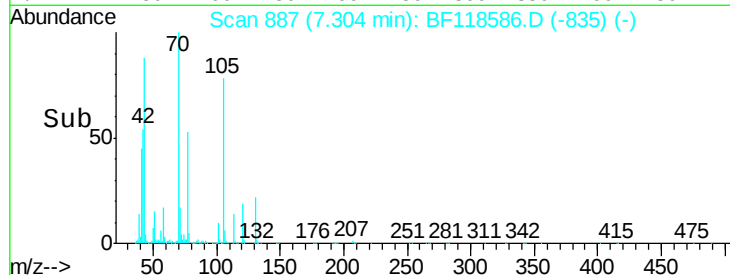
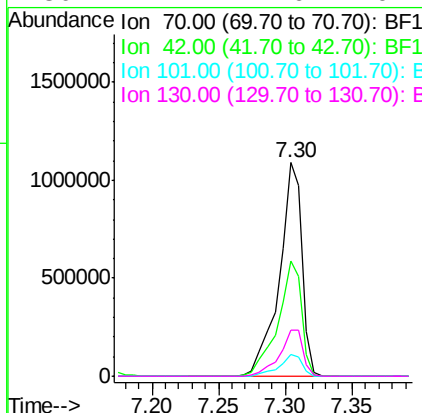
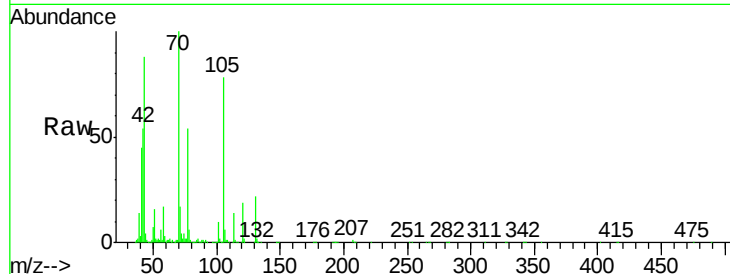
#19
n-Nitroso-di-n-propylamine
Concen: 55.215 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	43.4	65.0	
101	9.9	8.1	12.1	
130	21.7	17.6	26.4	

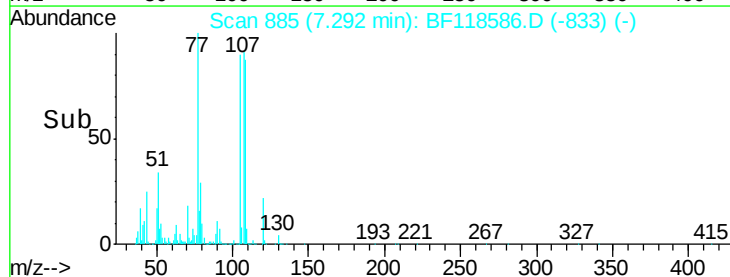
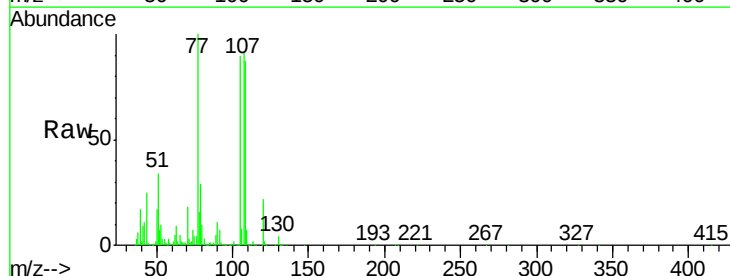
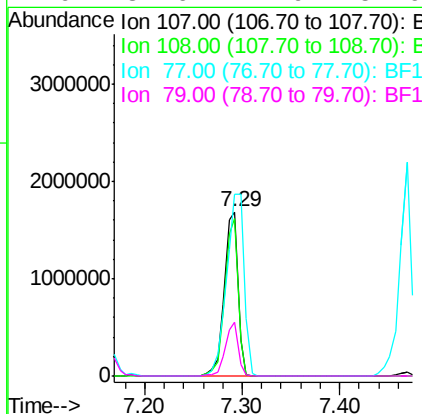
Manual Integrations
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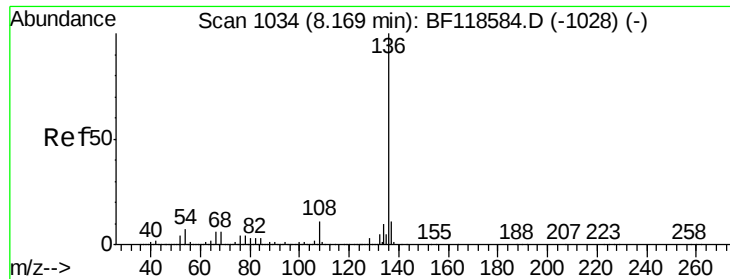
mohammad
1/21/2020 2:25:50 PM



#20
3+4-Methylphenols
Concen: 57.191 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.6	75.8	115.8	
77	110.5	86.5	126.5	
79	32.6	12.9	52.9	





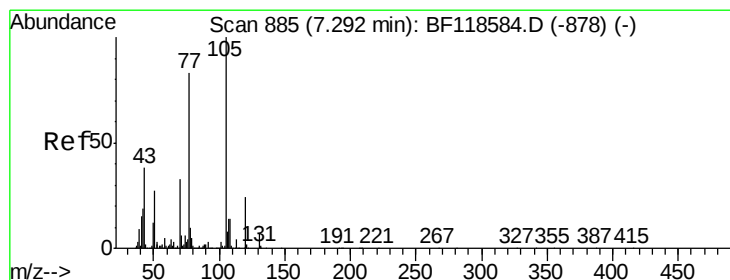
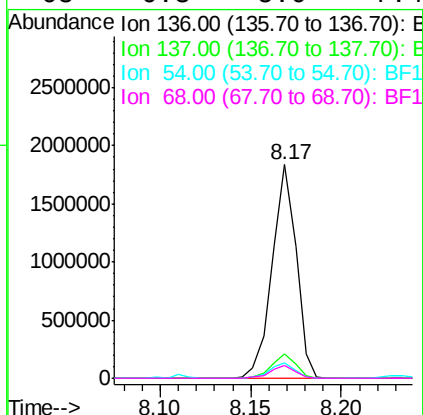
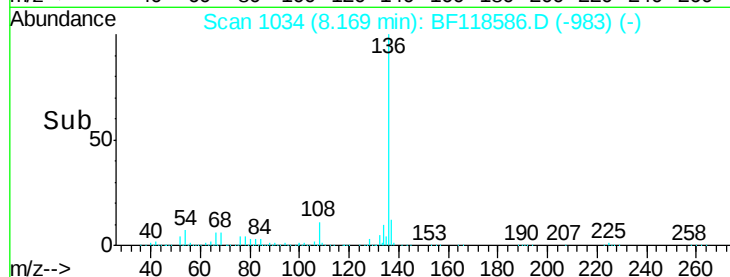
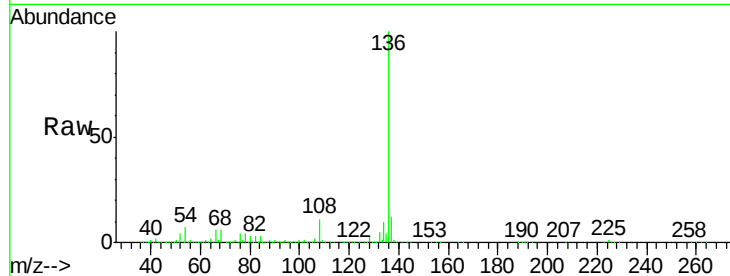
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	136	Resp	1693488
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.5	5.8	8.6
68	6.3	5.0	7.4

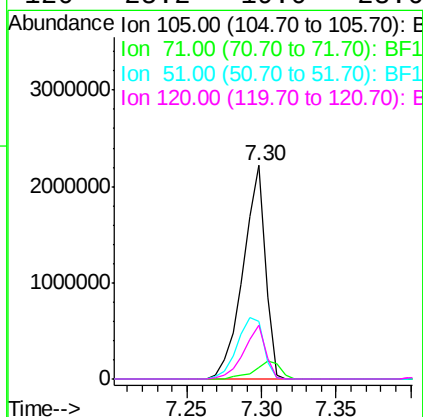
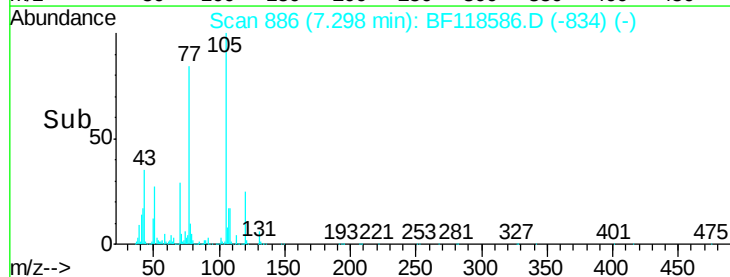
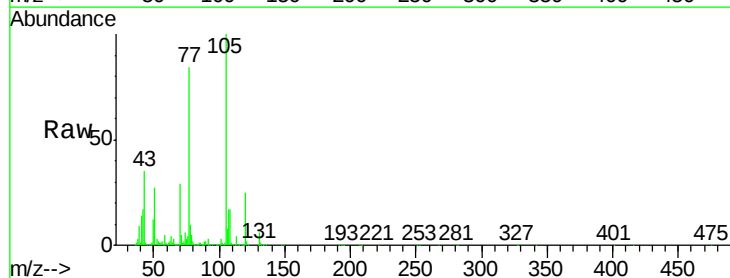
Manual Integrations
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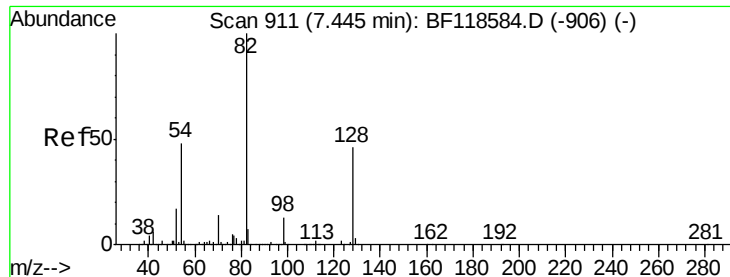
mohammad
1/21/2020 2:25:50 PM



#22
Acetophenone
Concen: 55.934 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	105	Resp	2298643
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.5	6.7
51	26.7	21.5	32.3
120	25.2	19.0	28.6





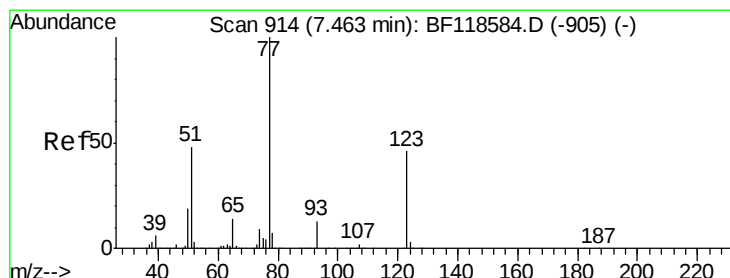
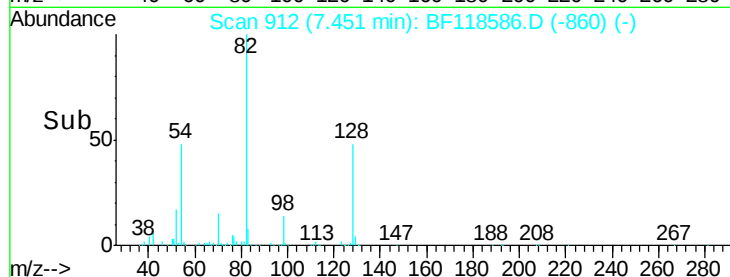
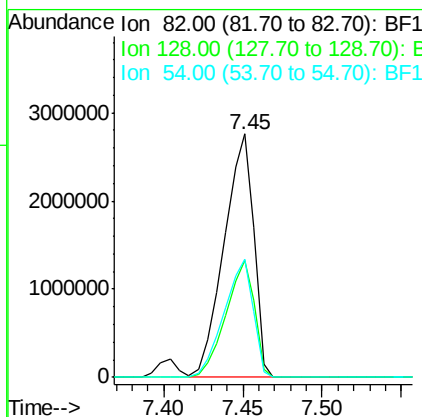
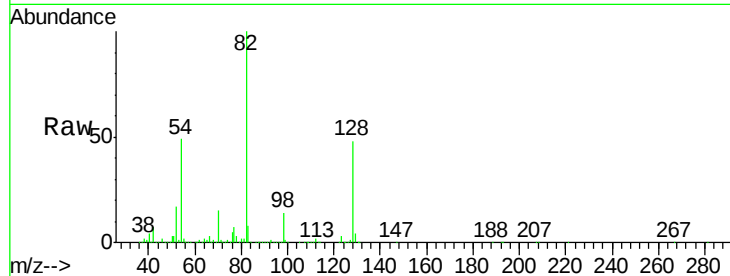
#23
 Nitrobenzene-d5
 Concen: 130.482 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 3577772
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.6 54.8
 54 48.5 38.0 57.0

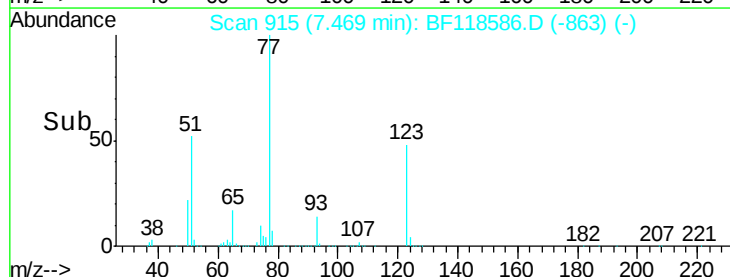
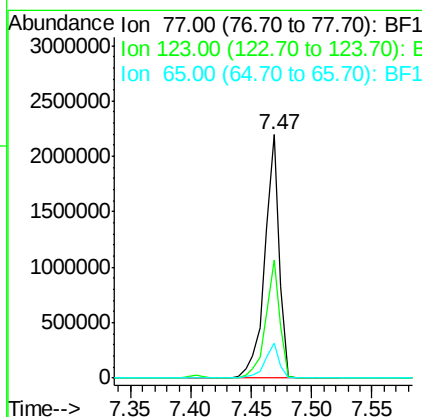
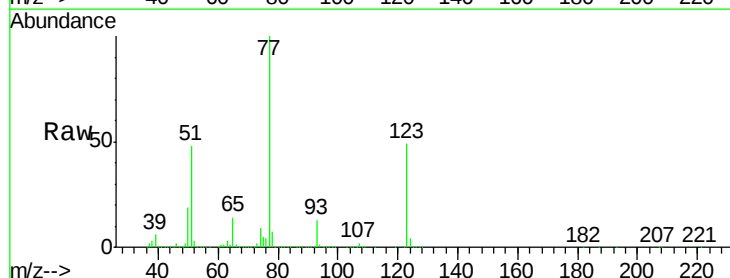
Manual Integrations
 APPROVED

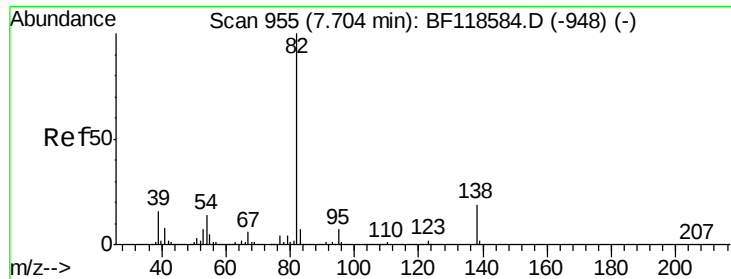
mohammad
 1/21/2020 2:25:50 PM



#24
 Nitrobenzene
 Concen: 62.446 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion: 77 Resp: 1820901
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.0 55.4
 65 14.5 11.1 16.7





#25

Isophorone

Concen: 54.891 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 3266567

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

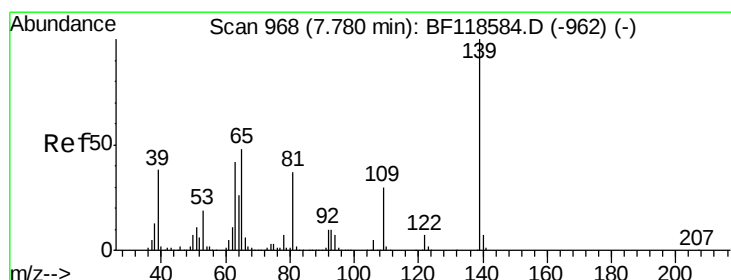
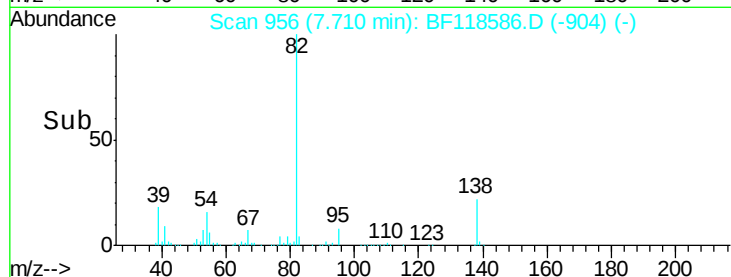
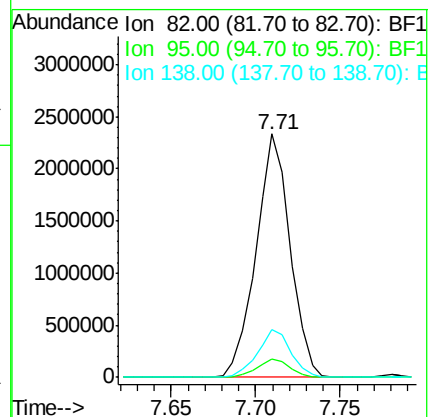
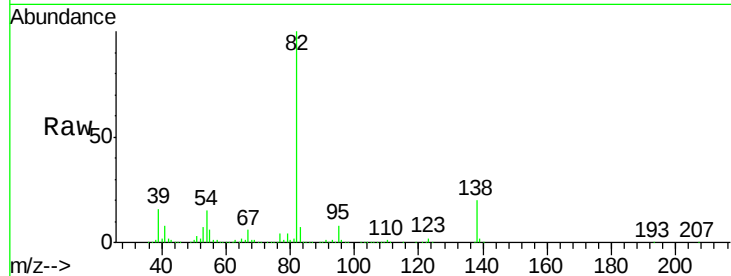
138 19.9 15.3 22.9

Manual Integrations

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mohammad

1/21/2020 2:25:50 PM



#26

2-Nitrophenol

Concen: 72.228 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

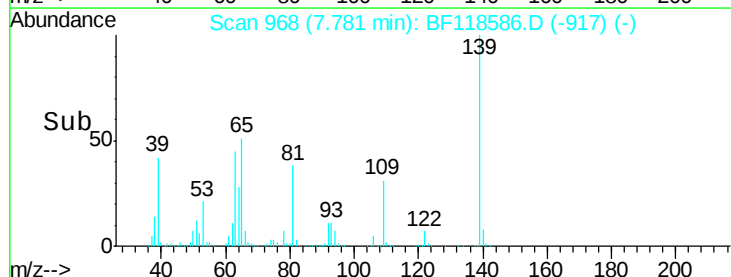
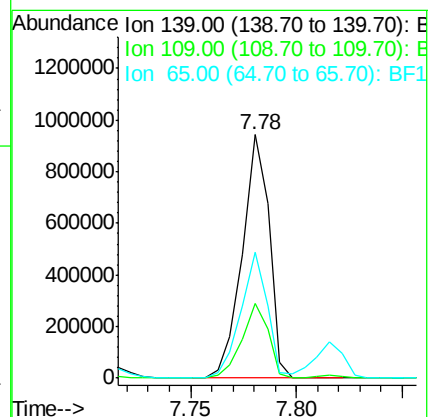
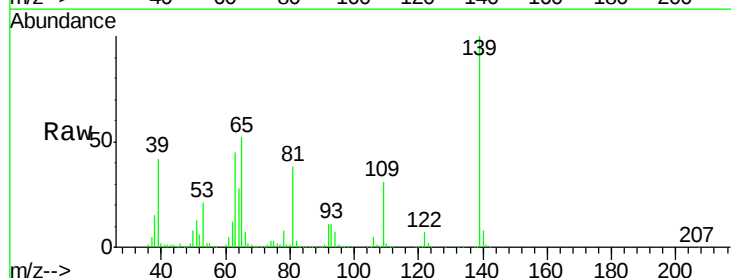
Tgt Ion: 139 Resp: 832143

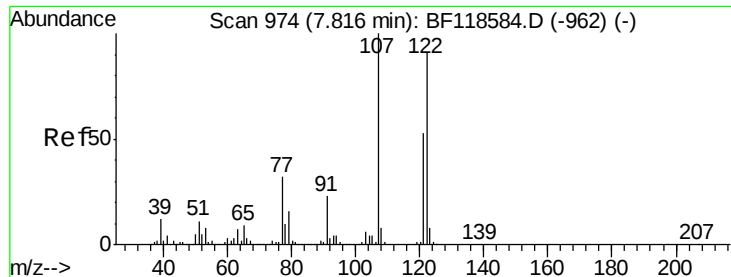
Ion Ratio Lower Upper

139 100

109 30.7 23.8 35.8

65 51.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 57.521 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:122 Resp: 1361370

Ion Ratio Lower Upper

122 100

107 111.5 88.0 132.0

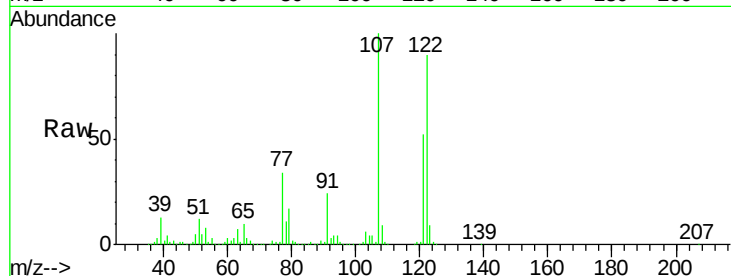
121 58.1 46.3 69.5

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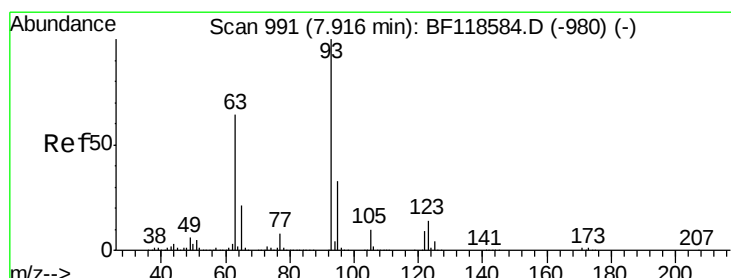
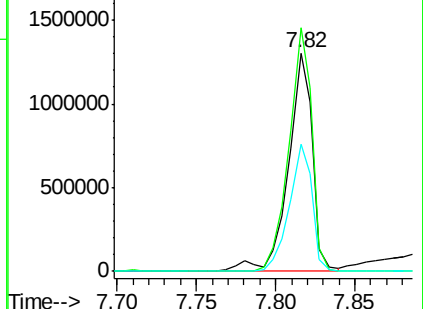
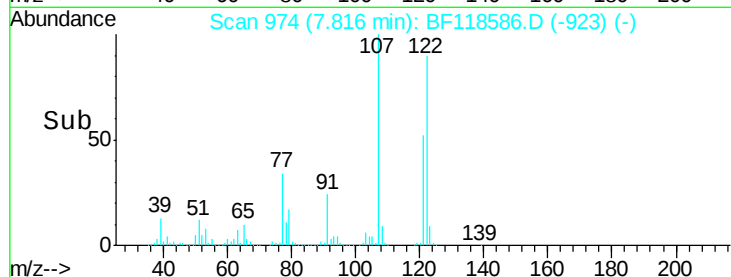
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.673 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

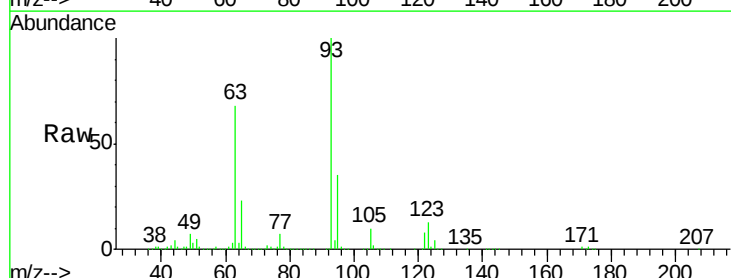
Tgt Ion: 93 Resp: 2090472

Ion Ratio Lower Upper

93 100

95 34.9 26.7 40.1

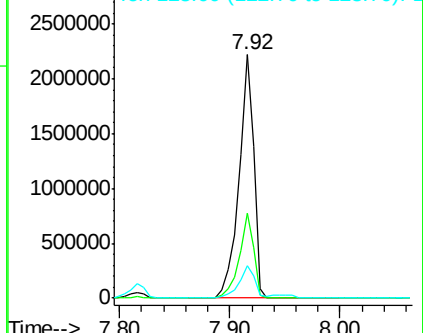
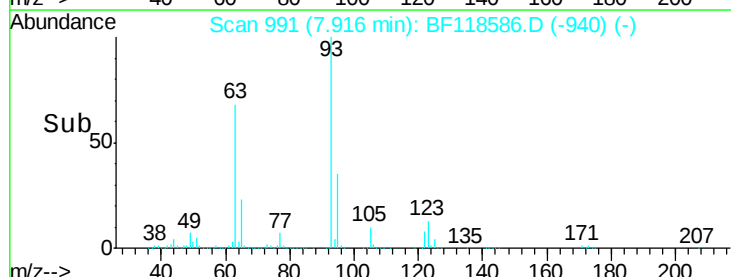
123 13.1 11.0 16.6

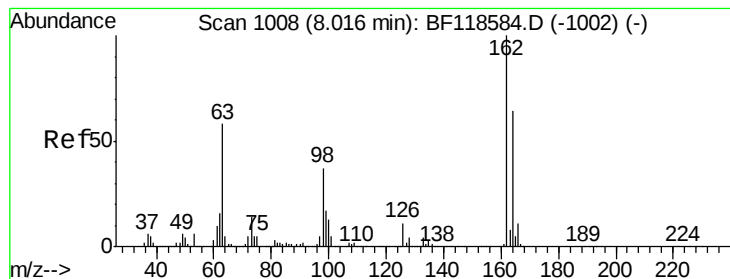


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.944 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:162 Resp: 1509508

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

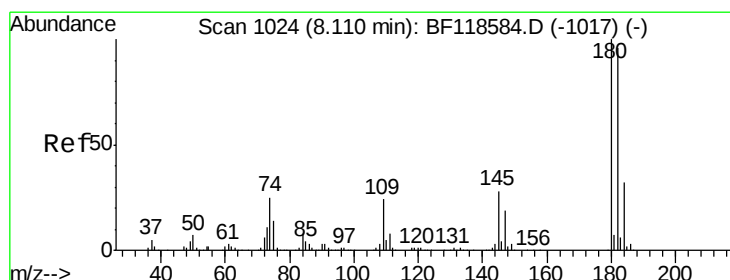
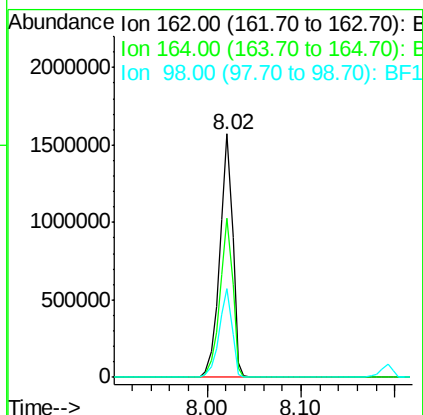
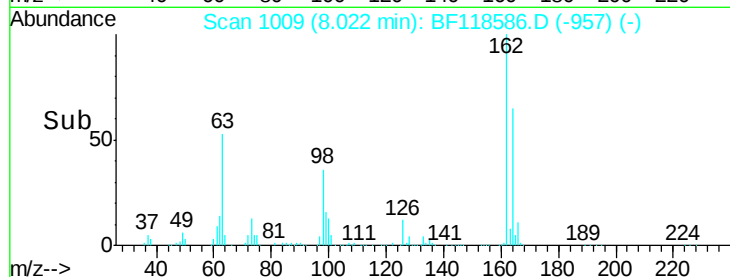
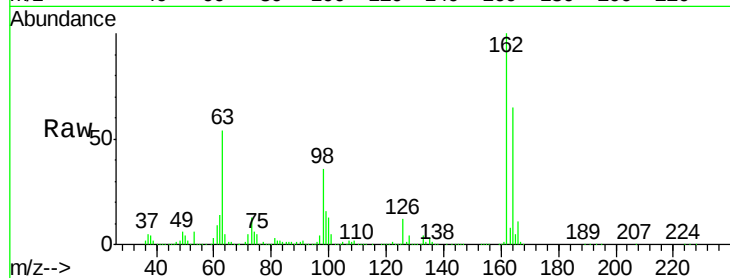
98 36.4 17.5 57.5

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 56.419 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

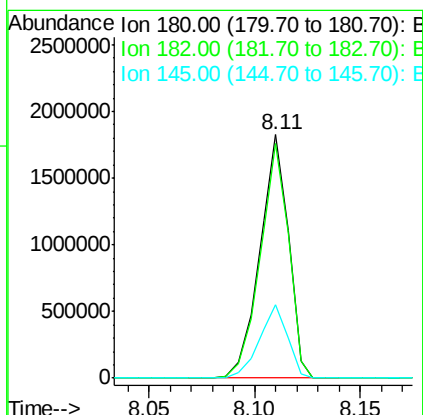
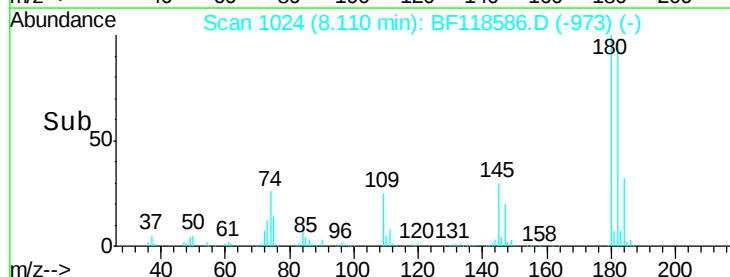
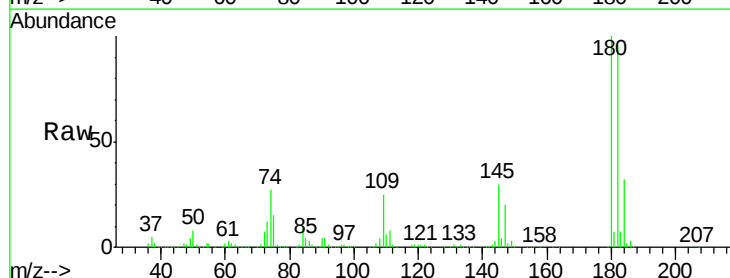
Tgt Ion:180 Resp: 1712878

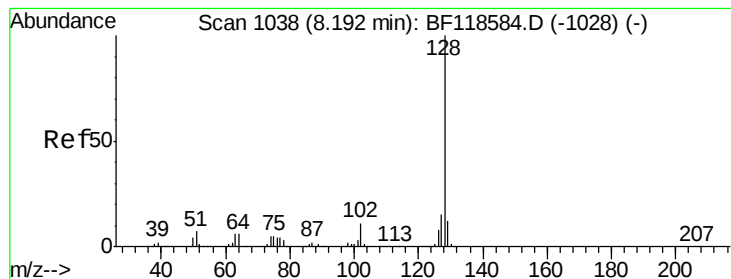
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 30.1 22.8 34.2





#31

Naphthalene

Concen: 54.396 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 4344303

Ion Ratio Lower Upper

128 100

129 14.2 9.9 14.9

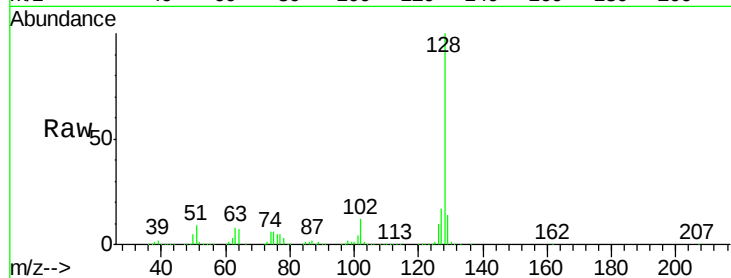
127 17.0 12.0 18.0

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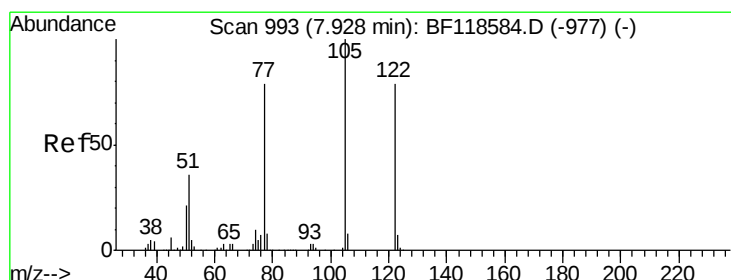
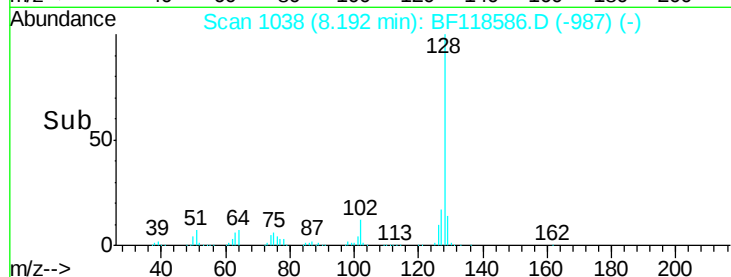
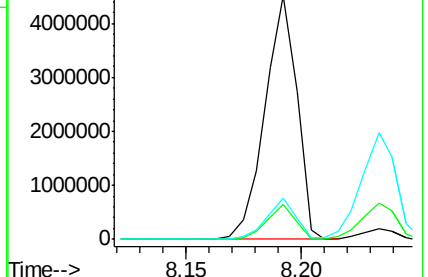
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 78.339 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

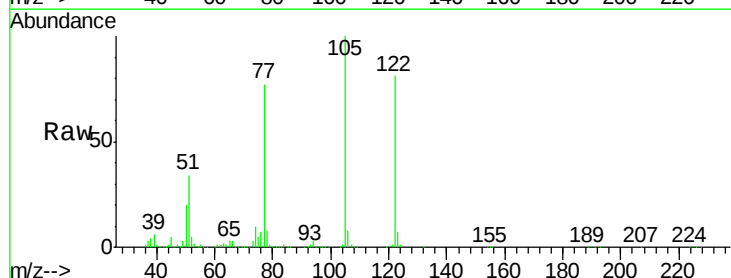
Tgt Ion:122 Resp: 1139111

Ion Ratio Lower Upper

122 100

105 123.1 104.3 144.3

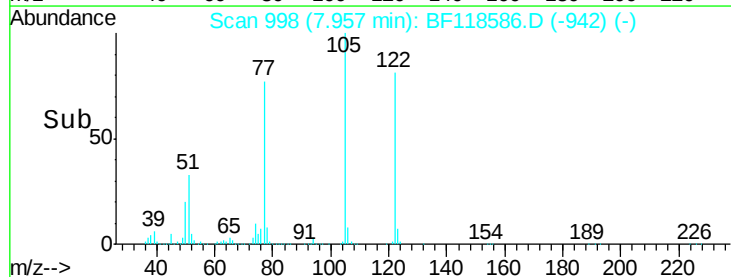
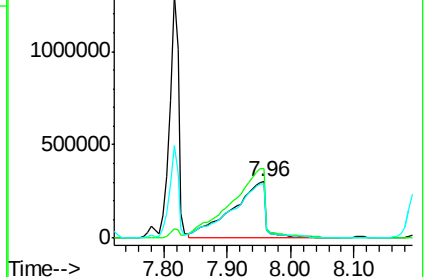
77 94.8 79.4 119.4

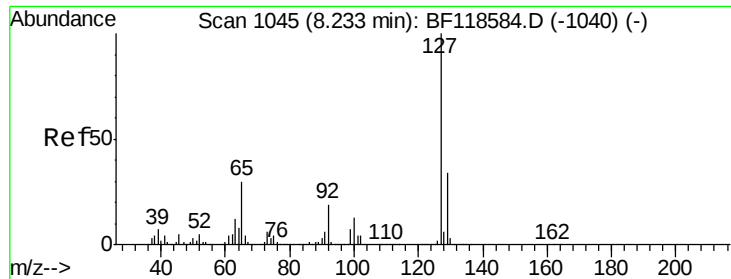


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





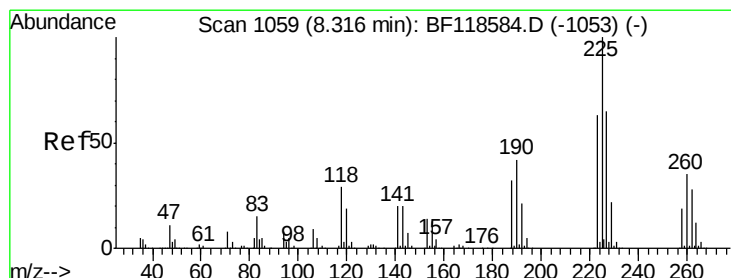
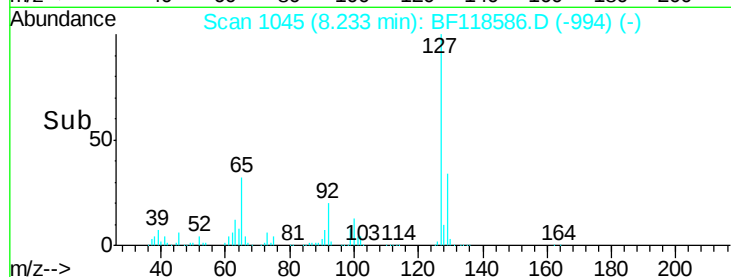
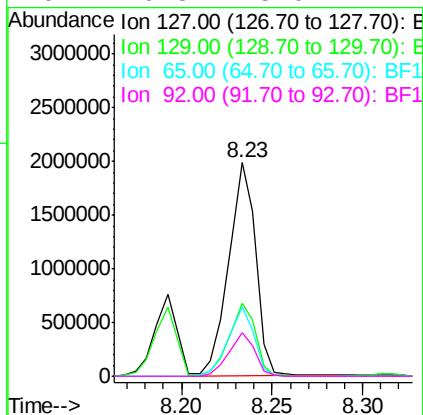
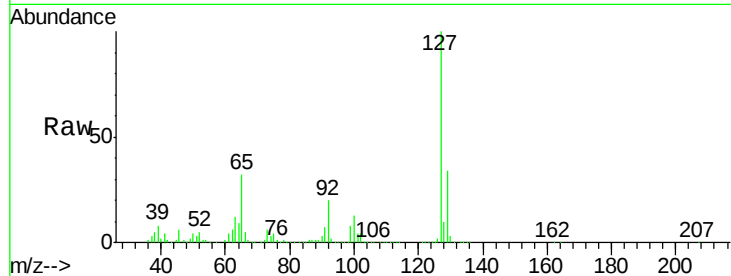
#33
4-Chloroaniline
Concen: 55.367 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	34.3	27.4	41.0	
65	32.2	23.6	35.4	
92	20.3	15.0	22.4	

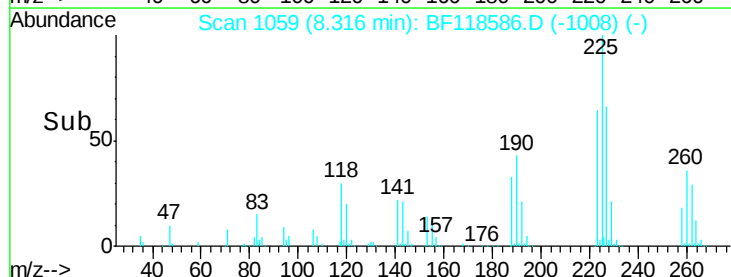
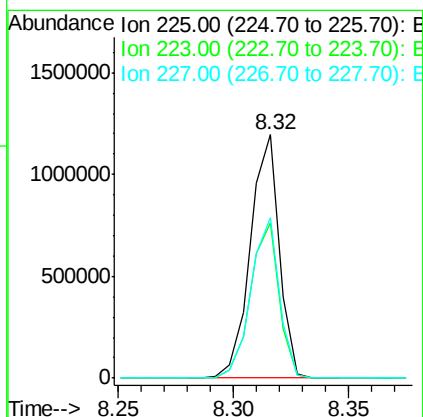
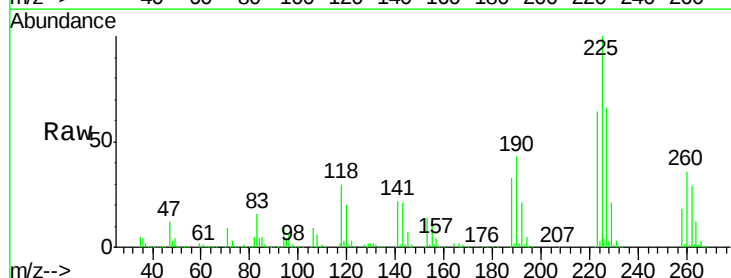
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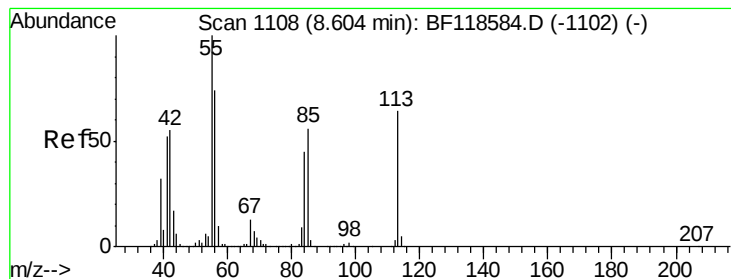
mohammad
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#34
Hexachlorobutadiene
Concen: 55.199 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.8	50.2	75.4	
227	66.1	52.1	78.1	





#35

Caprolactam

Concen: 60.969 ng/ml

RT: 8.62 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

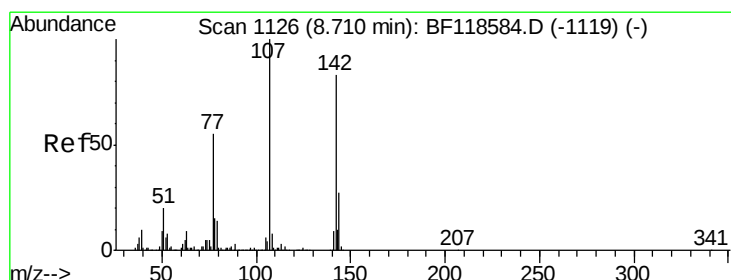
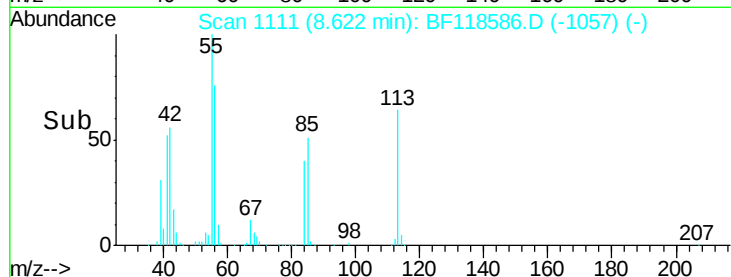
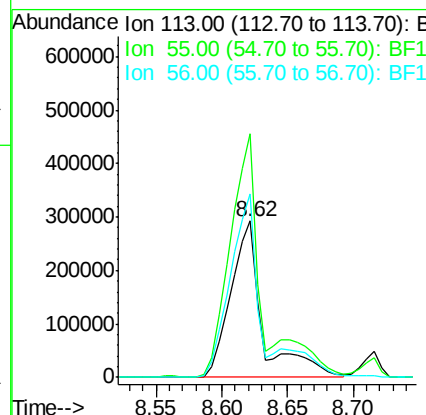
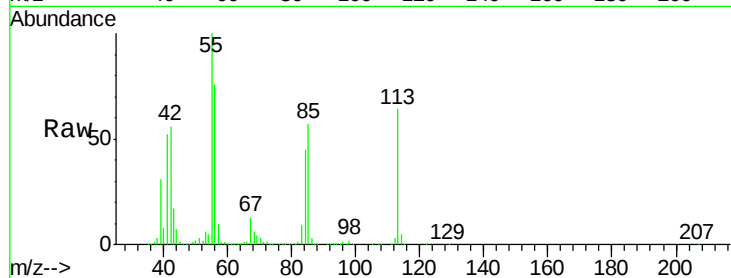
ClientSampleId :

SSTDICC060

Tot Ion:	113	Resp:	494112
Ion Ratio	Lower	Upper	
113	100		
55	155.7	136.1	176.1
56	117.6	95.2	135.2

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#36

4-Chloro-3-methylphenol

Concen: 57.548 ng/ml

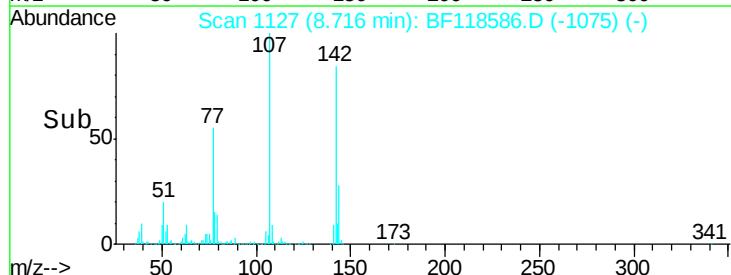
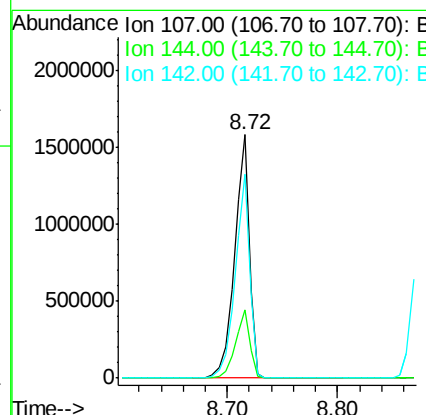
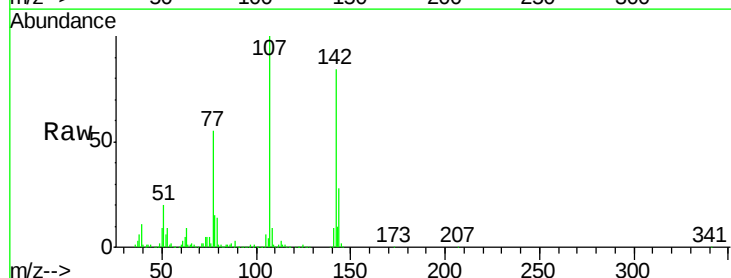
RT: 8.72 min Scan# 1127

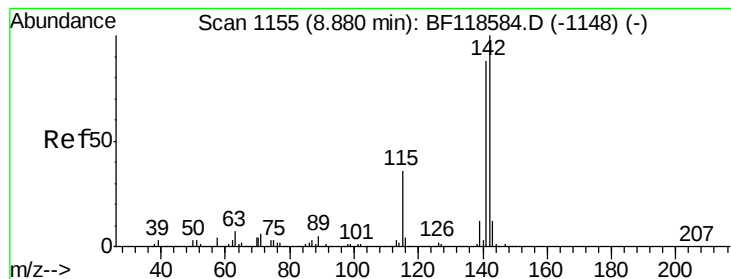
Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:	107	Resp:	1486175
Ion Ratio	Lower	Upper	
107	100		
144	28.2	21.8	32.8
142	83.8	66.5	99.7





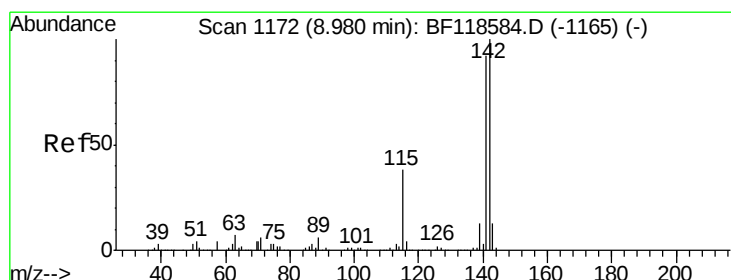
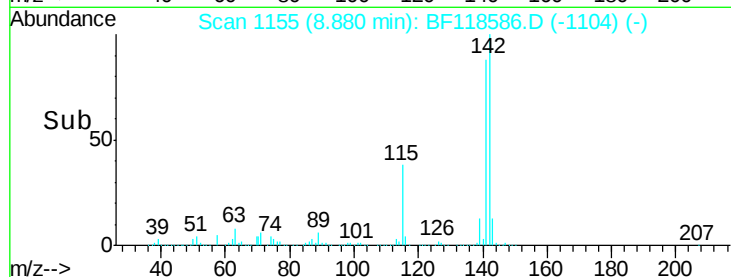
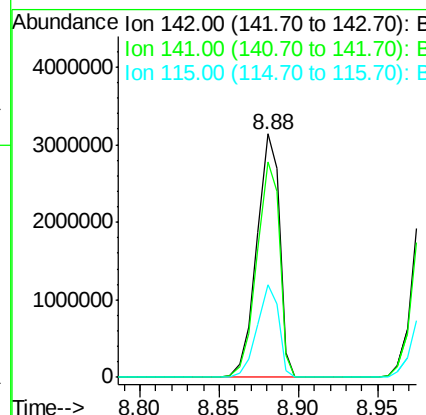
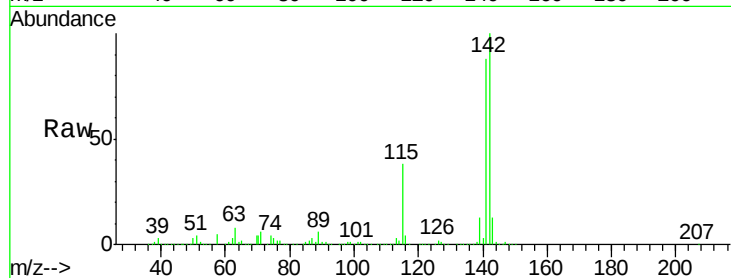
#37
2-Methylnaphthalene
Concen: 55.310 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	38.0	28.5	42.7

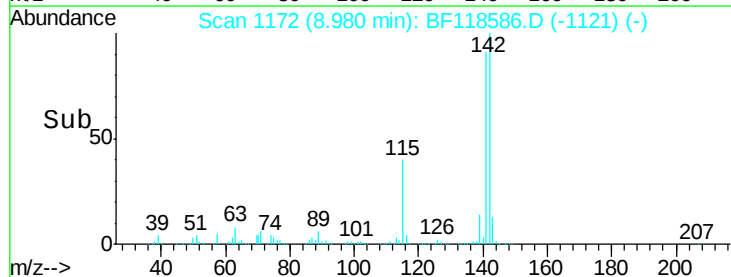
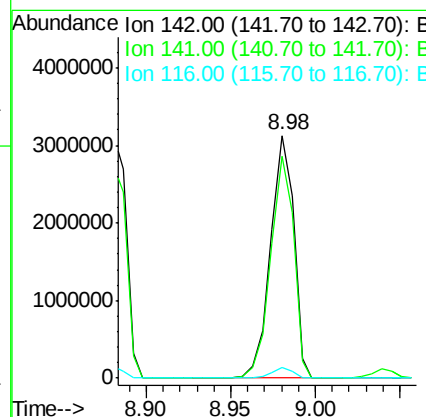
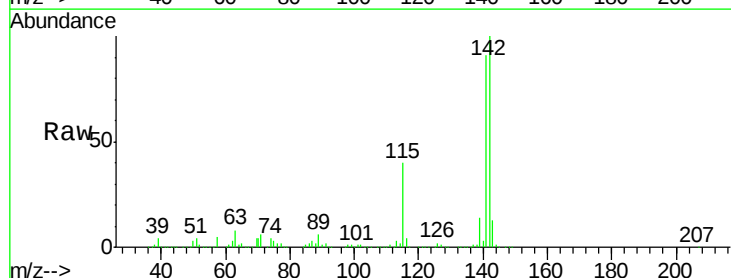
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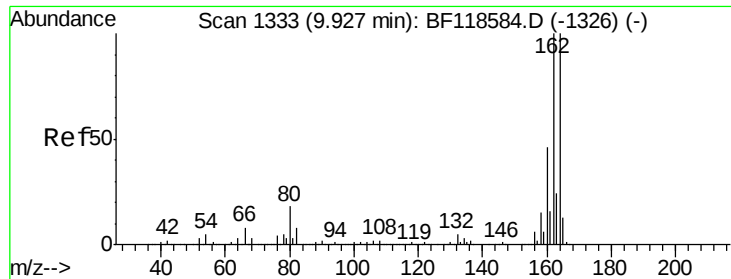
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#38
1-Methylnaphthalene
Concen: 55.728 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.2
116	4.3	3.3	4.9





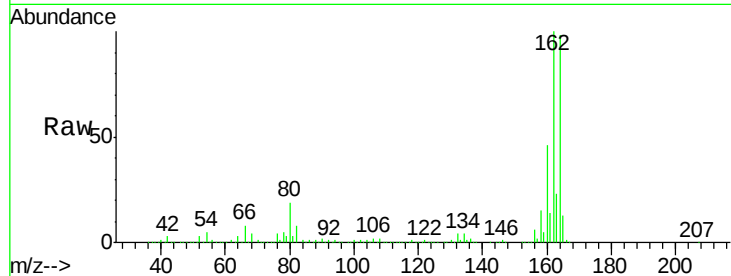
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

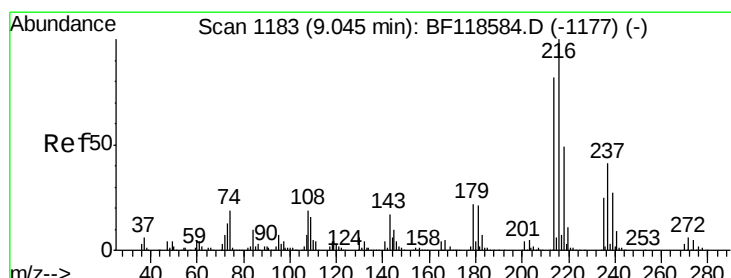
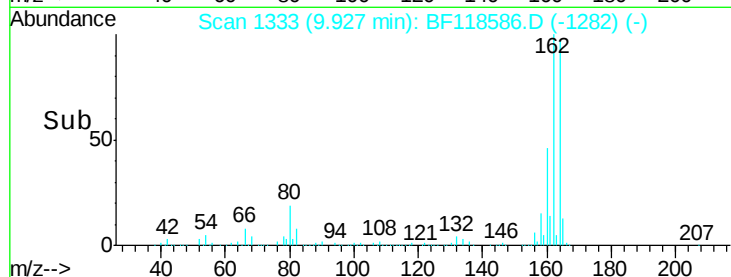
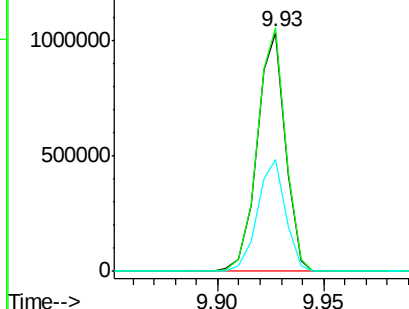
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.4	120.6
160	46.9	36.6	55.0

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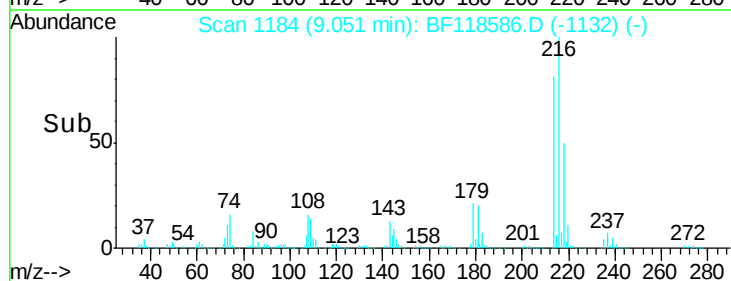
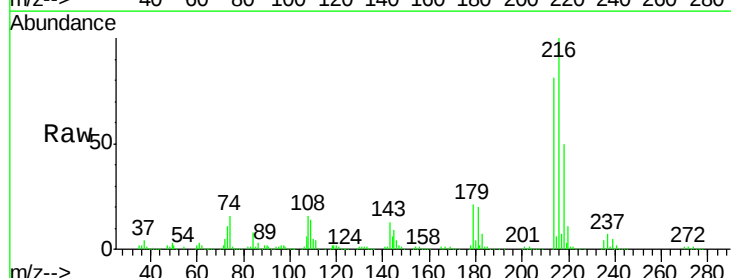
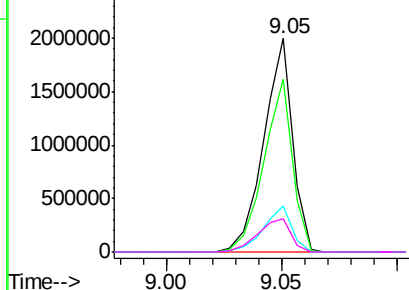
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

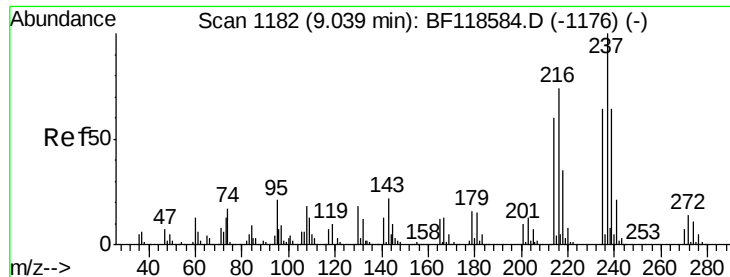


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.974 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.2
179	21.0	16.6	25.0
108	18.1	14.4	21.6

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.813 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

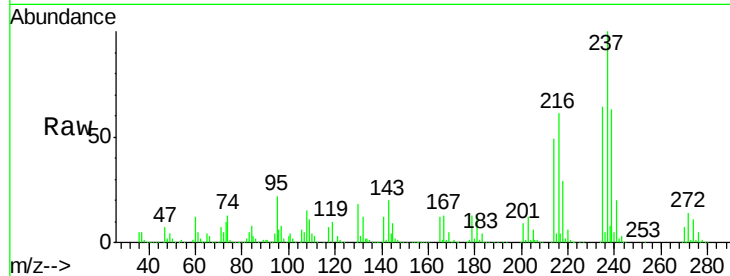
ClientSampleId :

SSTDICC060

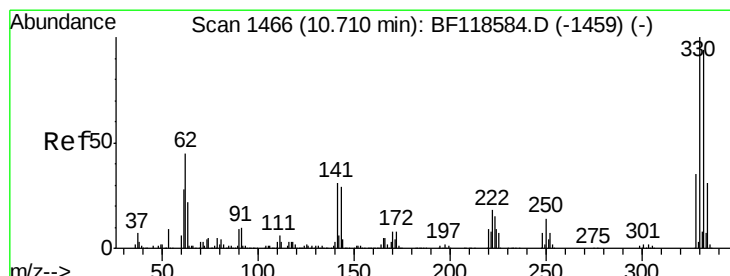
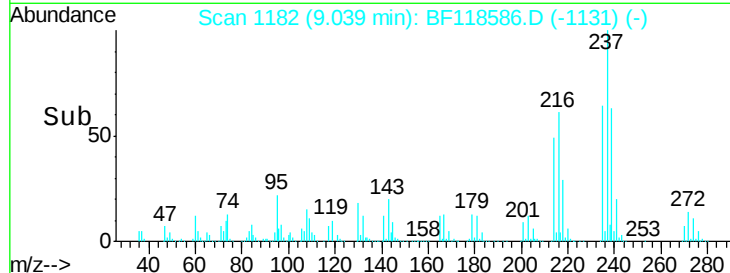
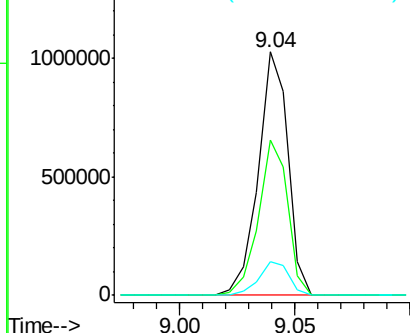
Tot Ion:	237	Resp:	921075
Ion Ratio		Lower	Upper
237	100		
235	63.8	44.0	84.0
272	13.9	0.0	34.0

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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: 126.667 ng

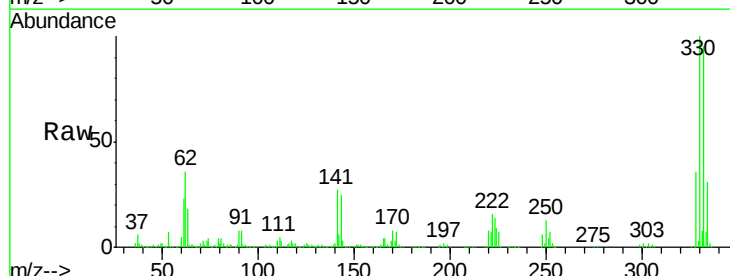
RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

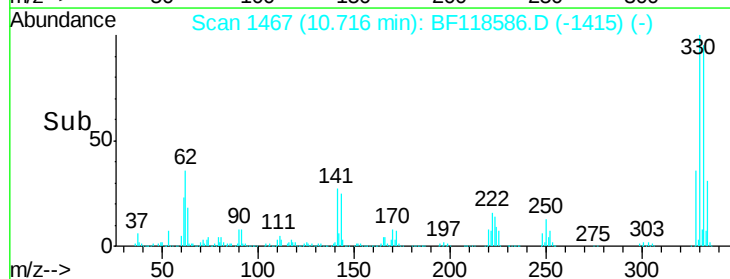
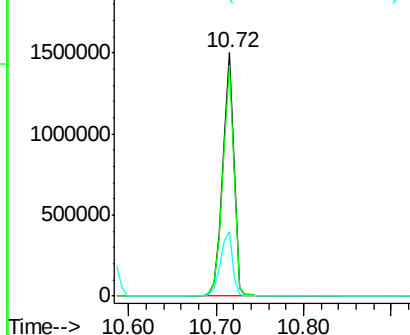
Lab File: BF118586.D

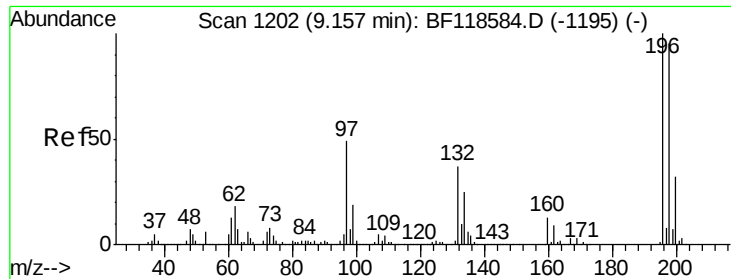
Acq: 20 Jan 2020 12:32

Tgt Ion:	330	Resp:	1347121
Ion Ratio		Lower	Upper
330	100		
332	95.0	76.2	114.4
141	28.7	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





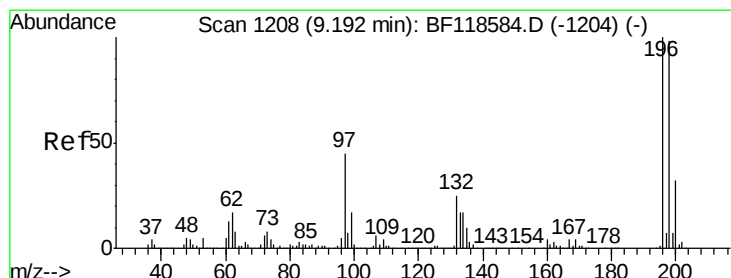
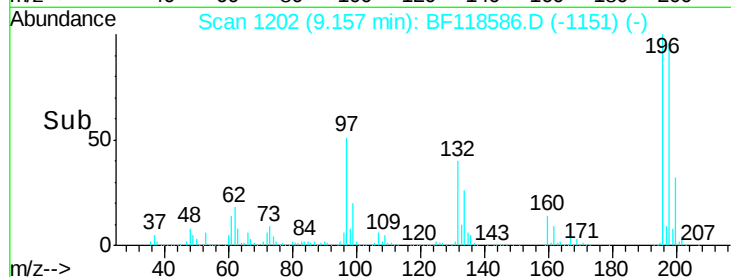
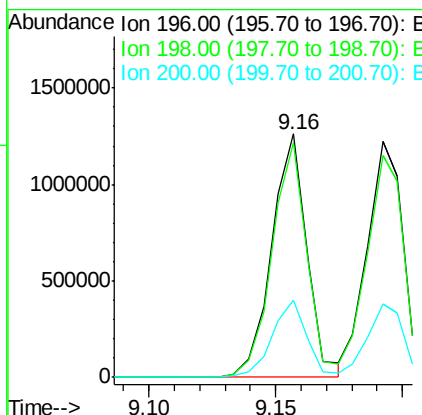
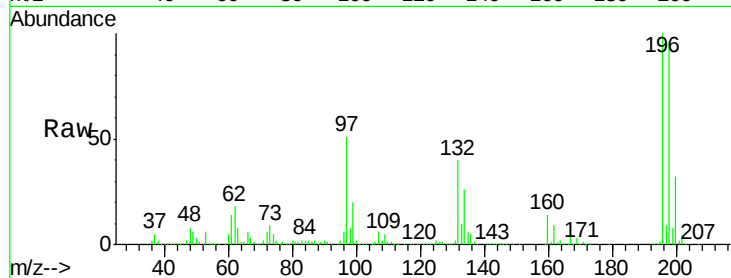
#43
 2,4,6-Trichlorophenol
 Concen: 61.308 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	31.6	25.4	38.2

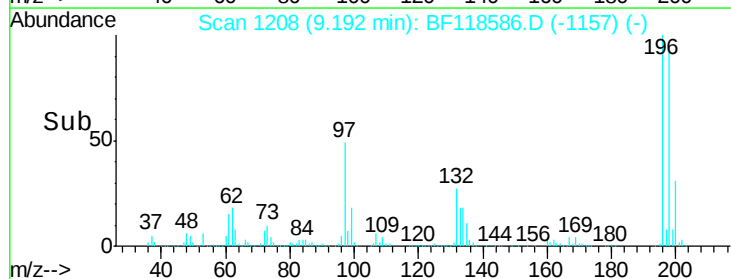
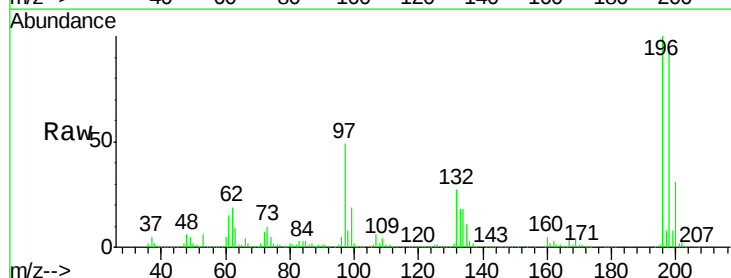
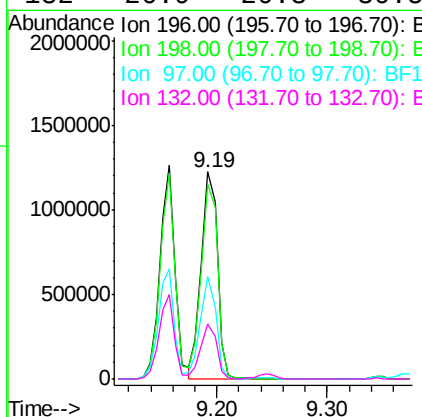
Manual Integrations
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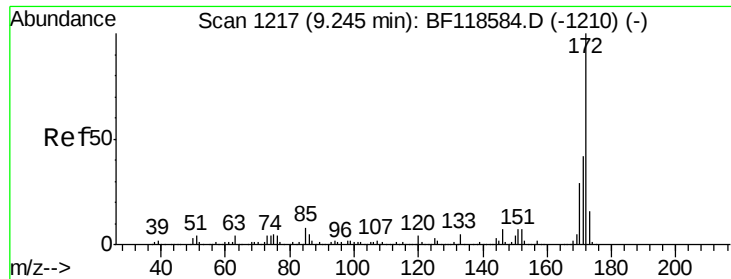
mohammad
 1/21/2020 2:25:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 60.754 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.3	117.5
97	49.4	35.9	53.9
132	26.9	20.3	30.5





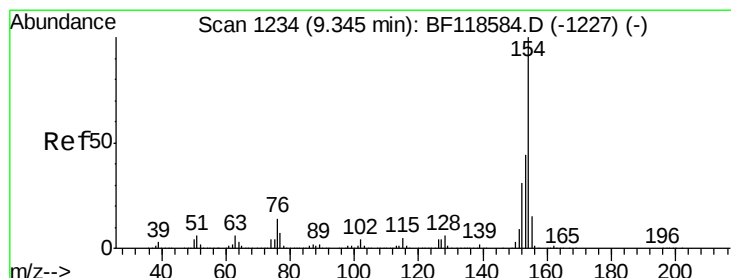
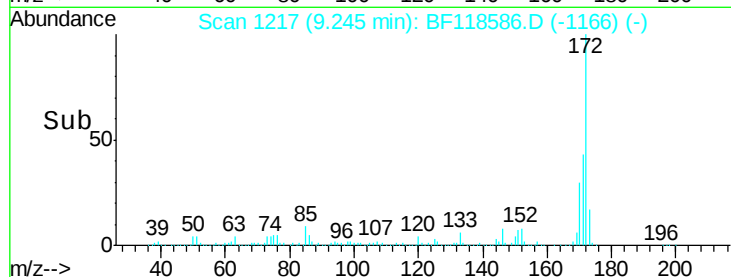
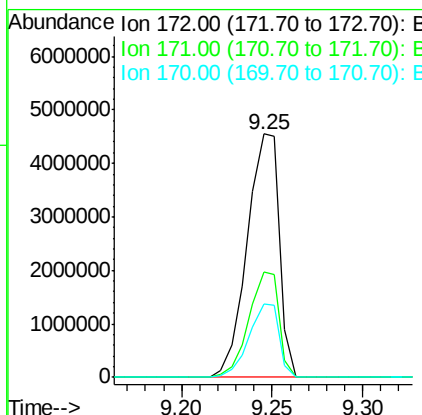
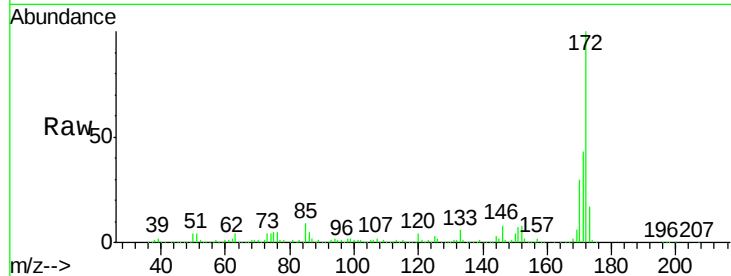
#45
2-Fluorobiphenyl
Concen: 105.305 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	43.2	33.4	50.2	
170	30.1	23.2	34.8	

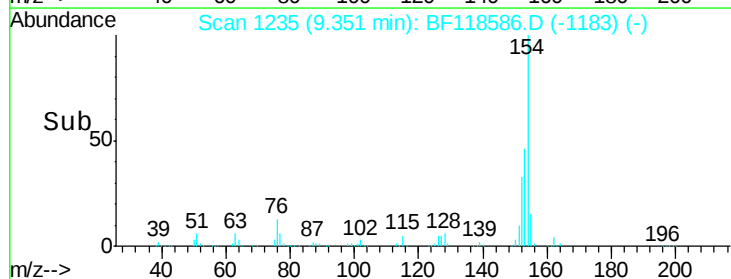
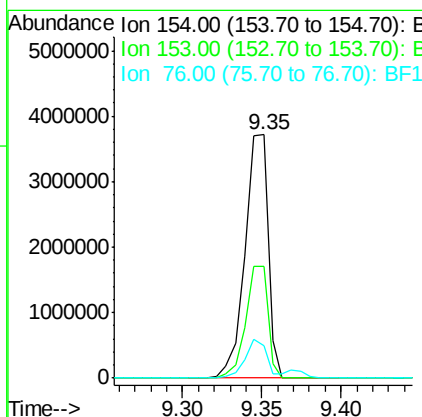
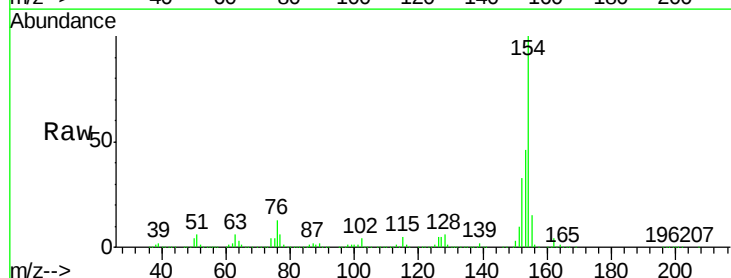
Manual Integrations
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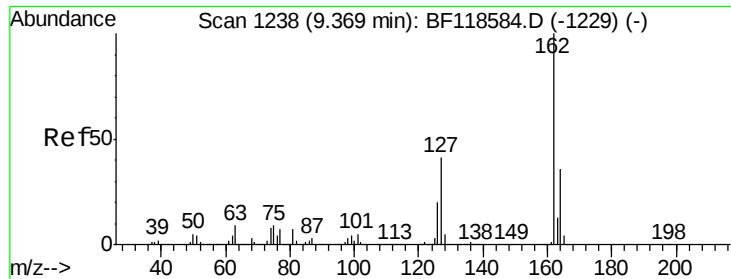
mohammad
1/21/2020 2:25:50 PM



#46
1,1'-Biphenyl
Concen: 54.457 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	45.7	23.8	63.8	
76	13.3	0.0	34.3	





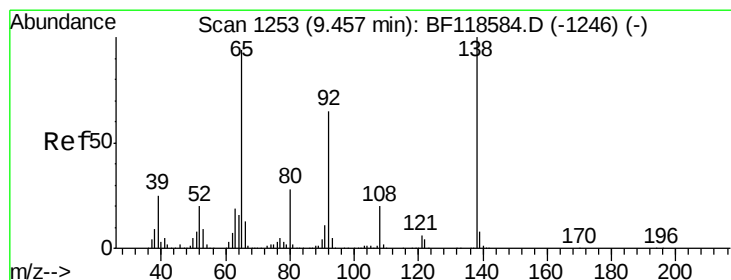
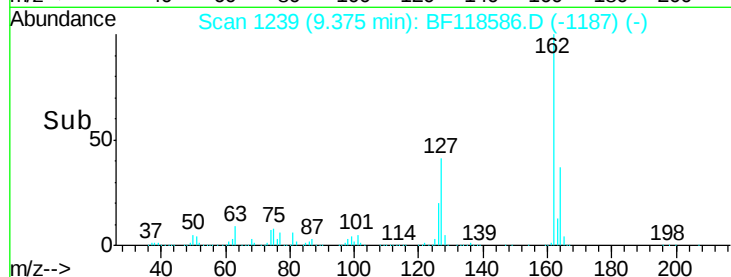
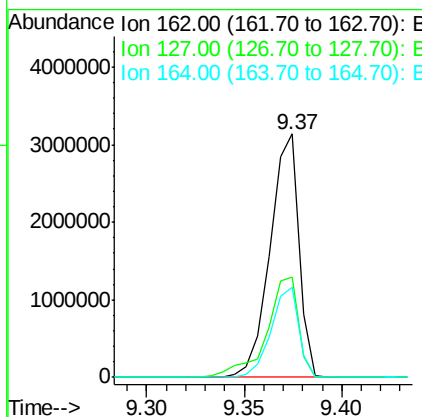
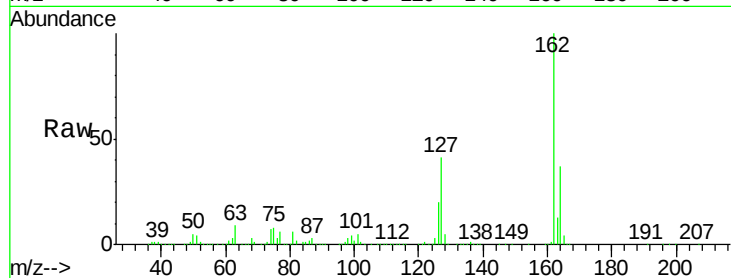
#47
2-Chloronaphthalene
Concen: 55.340 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.0	49.6
164	37.2	28.6	42.8

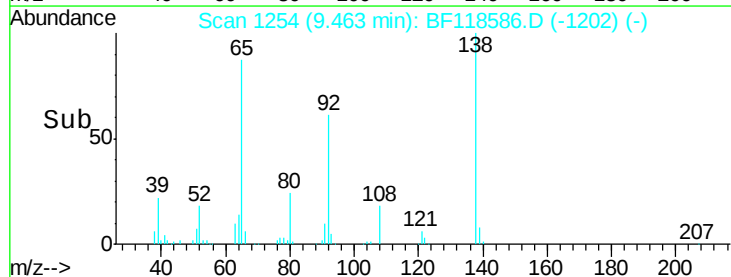
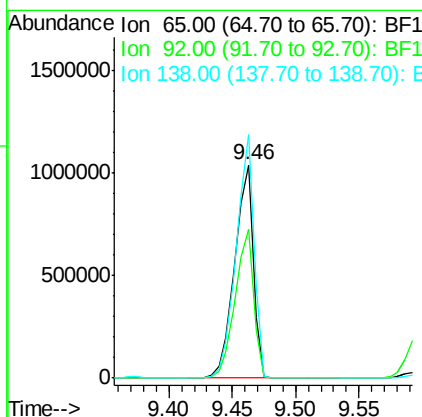
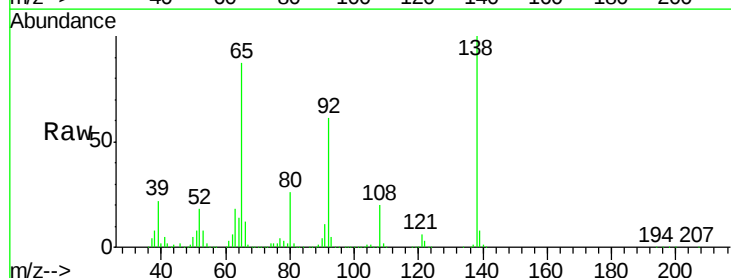
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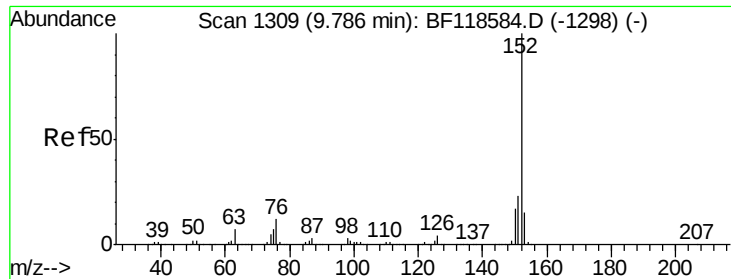
mohammad
1/21/2020 2:25:50 PM



#48
2-Nitroaniline
Concen: 69.383 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.4	83.0
138	114.3	85.0	127.6





#49

Acenaphthylene

Concen: 54.879 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 4489479

Ion Ratio Lower Upper

152 100

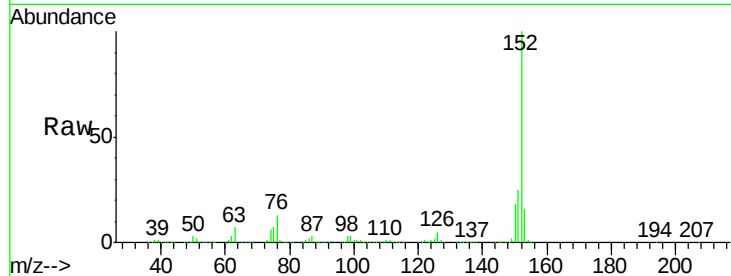
151 24.7 18.6 27.8

153 16.5 12.2 18.4

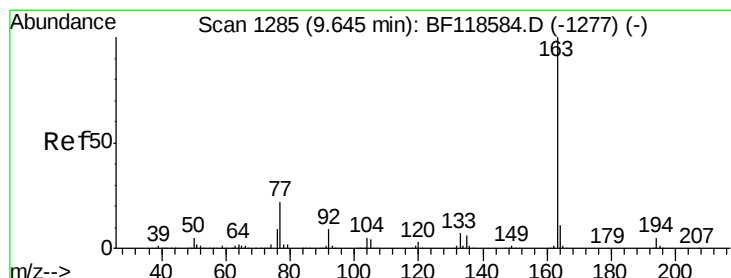
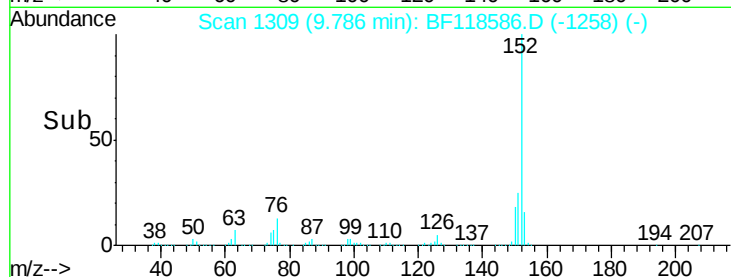
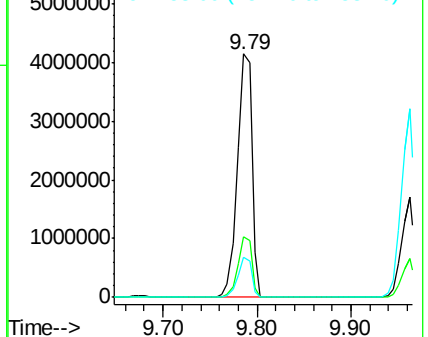
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.672 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

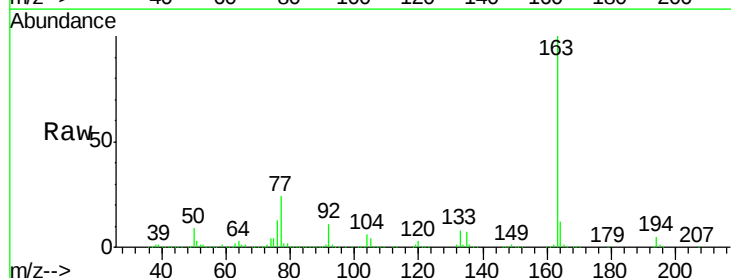
Tgt Ion:163 Resp: 3611294

Ion Ratio Lower Upper

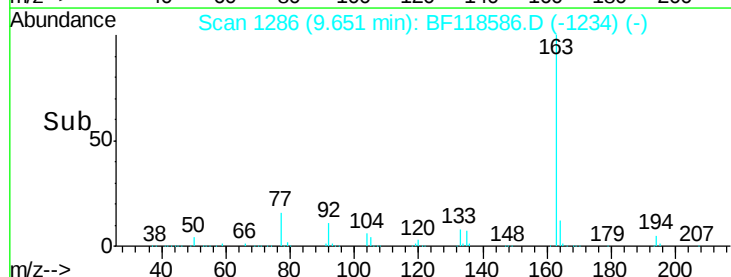
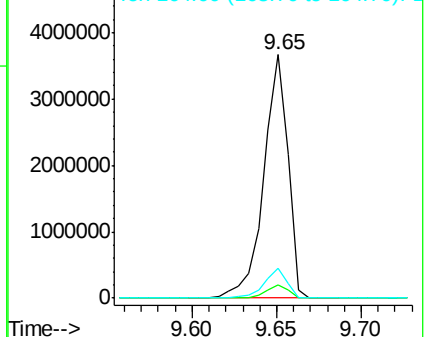
163 100

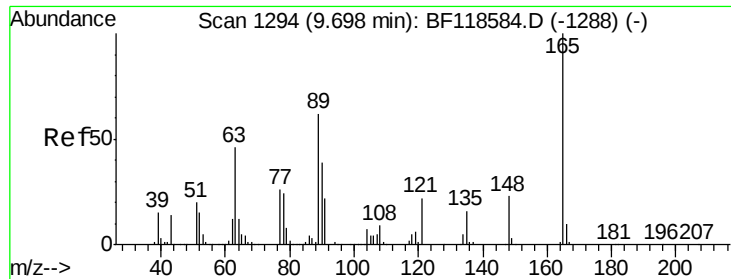
194 5.3 3.9 5.9

164 12.2 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





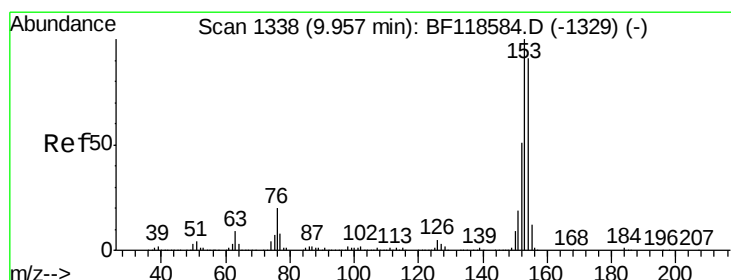
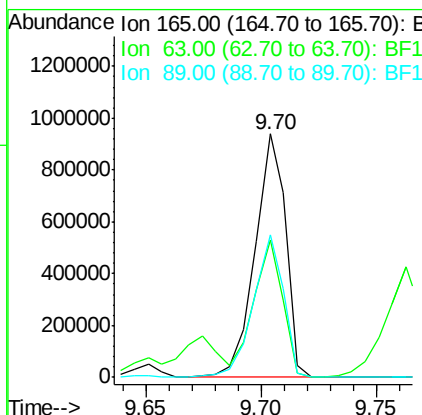
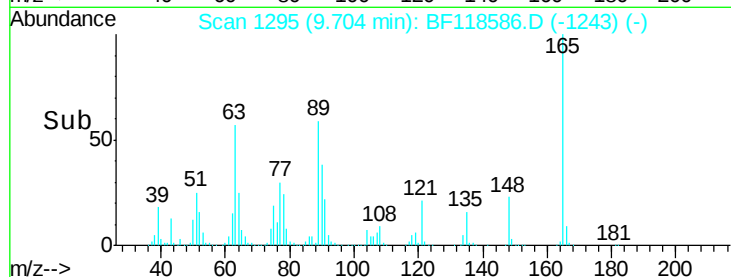
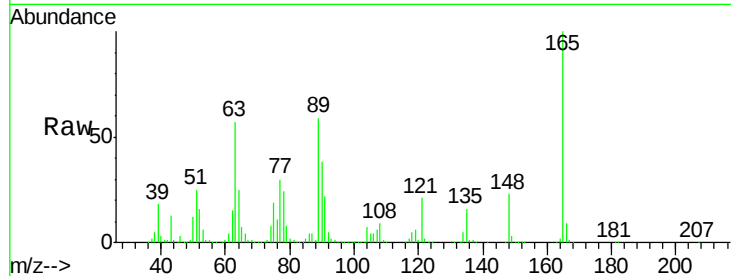
#51
2,6-Dinitrotoluene
Concen: 69.060 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	870358		
63	56.7	48.9	73.3	
89	58.7	49.8	74.6	

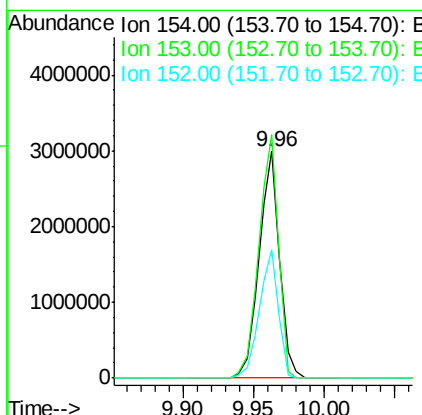
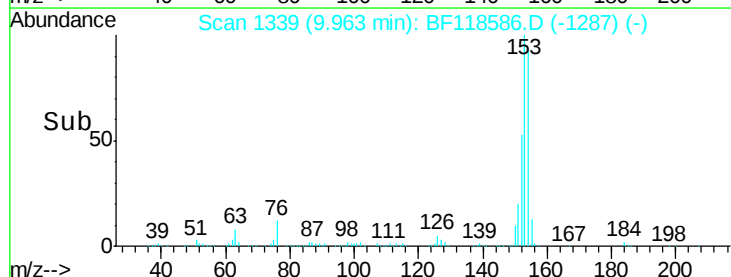
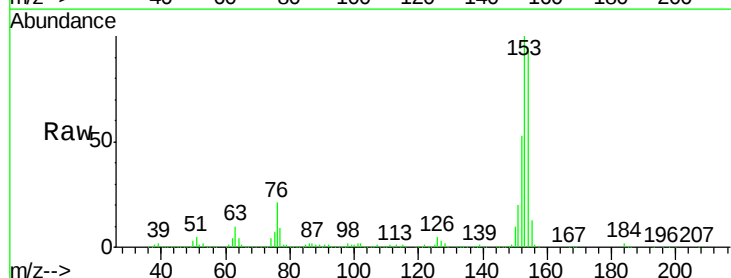
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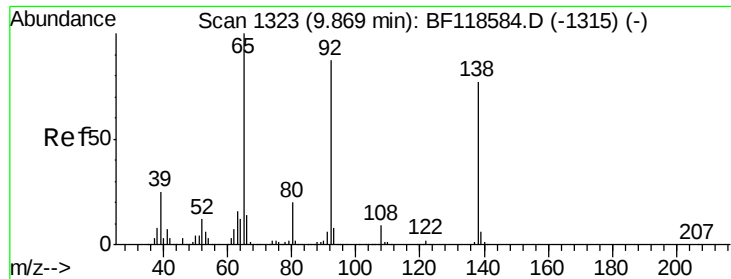
mohammad
1/21/2020 2:25:50 PM



#52
Acenaphthene
Concen: 57.294 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	3070456		
153	107.5	87.6	131.4	
152	56.8	44.4	66.6	





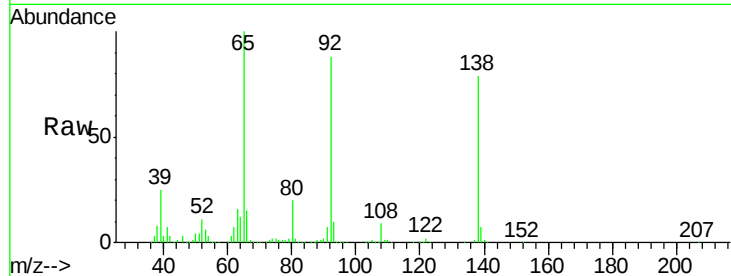
#53
3-Nitroaniline
Concen: 69.002 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

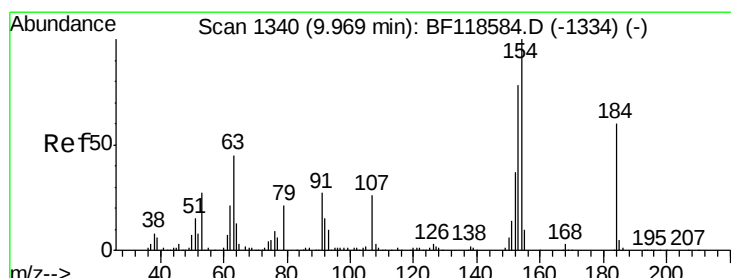
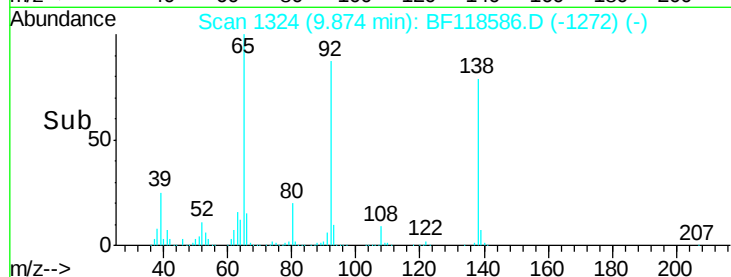
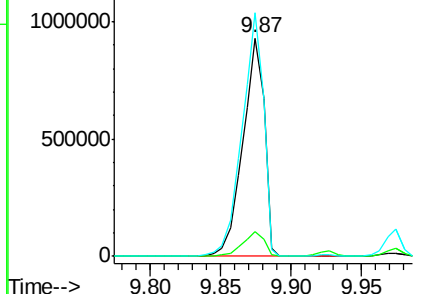
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.6	14.4
92	111.5	90.6	136.0

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mohammad
1/21/2020 2:25:50 PM

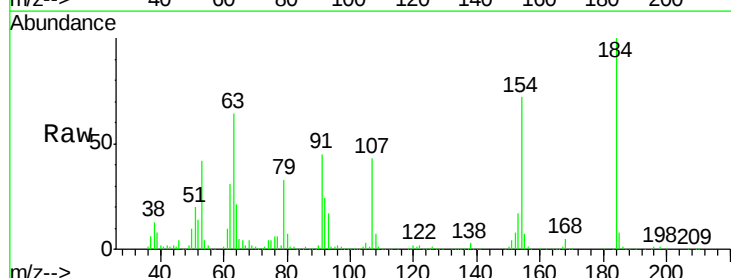


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

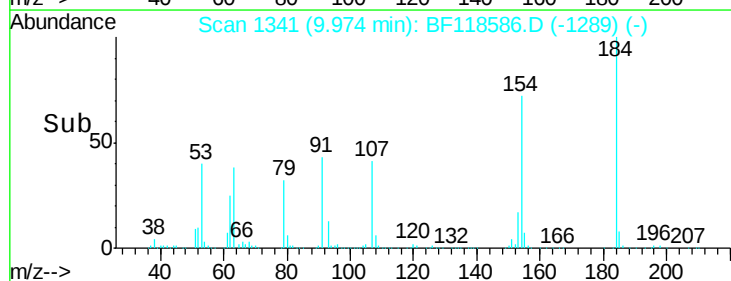
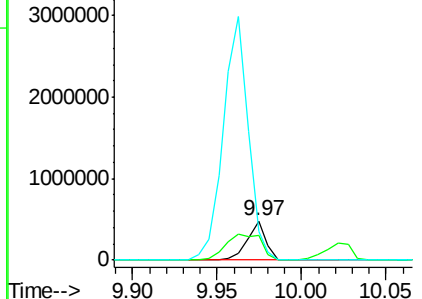


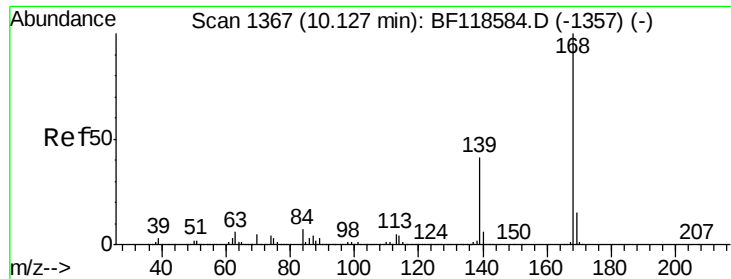
#54
2,4-Dinitrophenol
Concen: 88.146 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	60.6	90.8
154	71.8	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





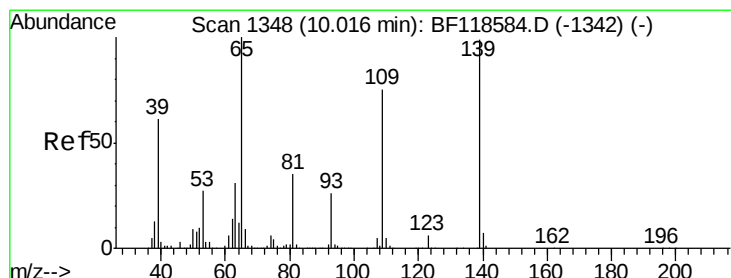
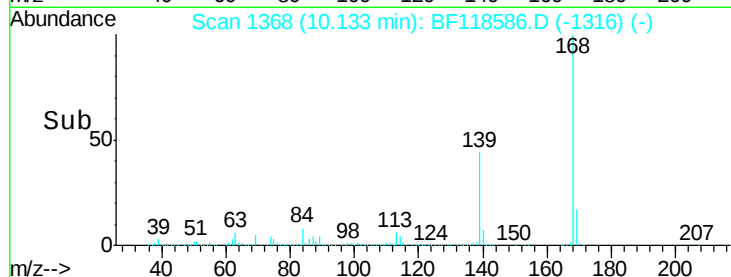
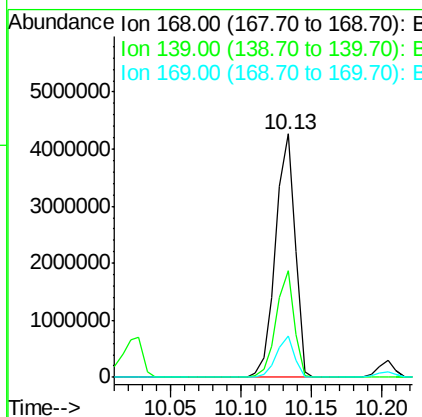
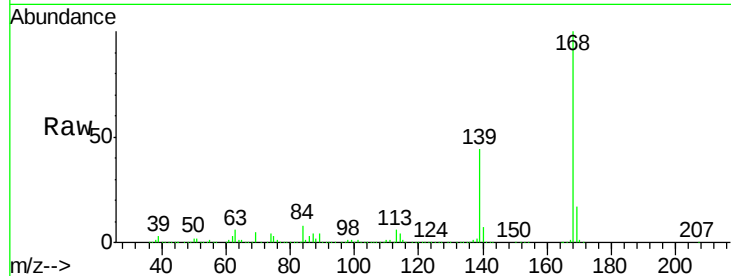
#55
Dibenzenofuran
Concen: 54.697 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:168 Resp: 4148214
Ion Ratio Lower Upper
168 100
139 43.6 32.7 49.1
169 17.0 12.2 18.2

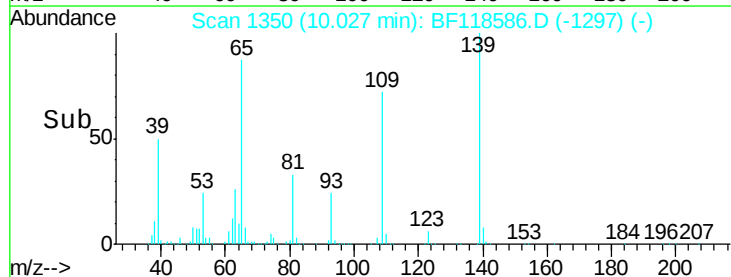
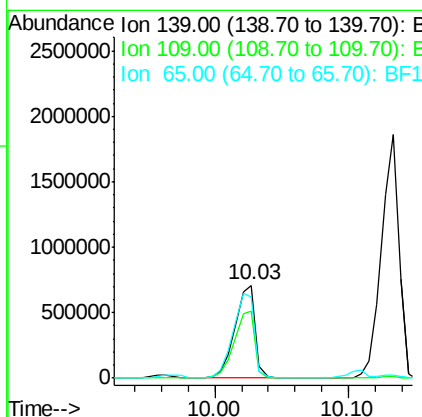
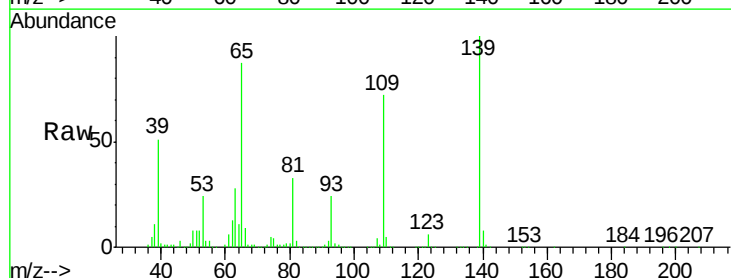
Manual Integrations
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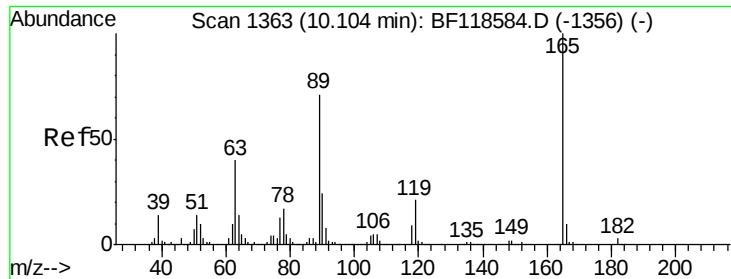
mohammad
1/21/2020 2:25:50 PM



#56
4-Nitrophenol
Concen: 71.431 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:139 Resp: 753342
Ion Ratio Lower Upper
139 100
109 71.9 56.0 96.0
65 87.4 81.4 121.4





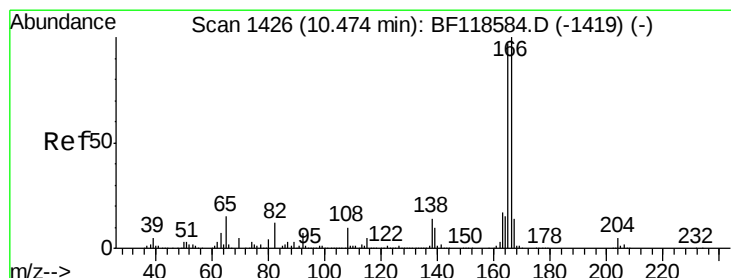
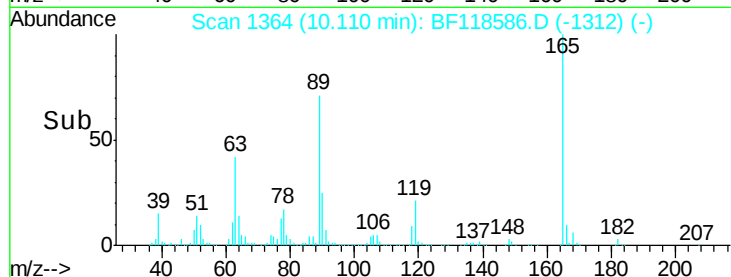
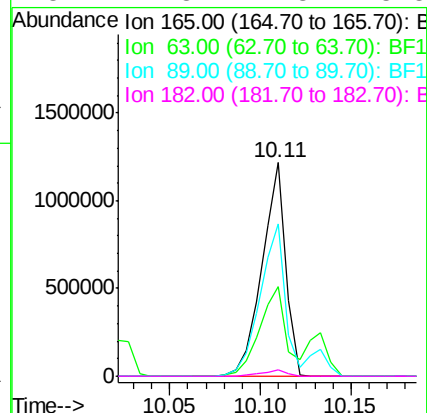
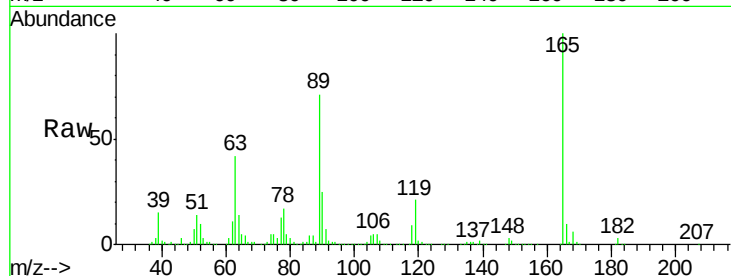
#57
2,4-Dinitrotoluene
Concen: 72.218 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	32.4	48.6
89	71.5	56.4	84.6
182	2.8	2.3	3.5

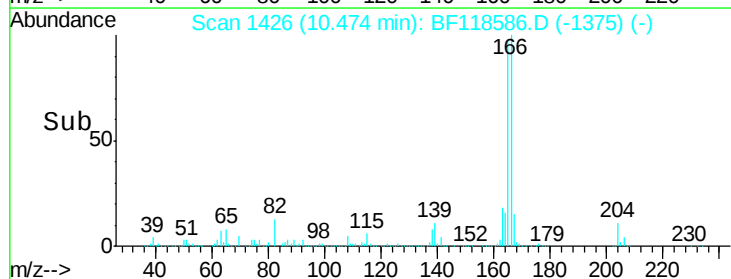
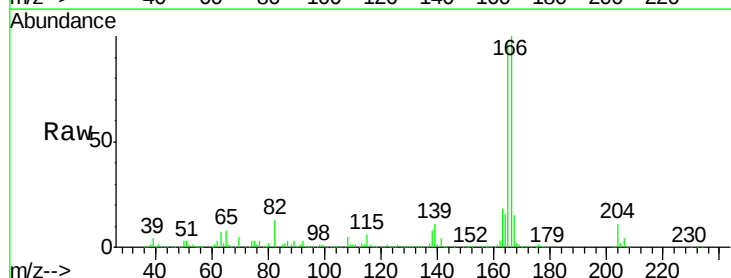
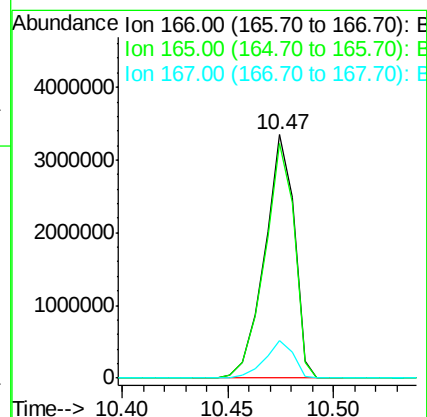
Manual Integrations
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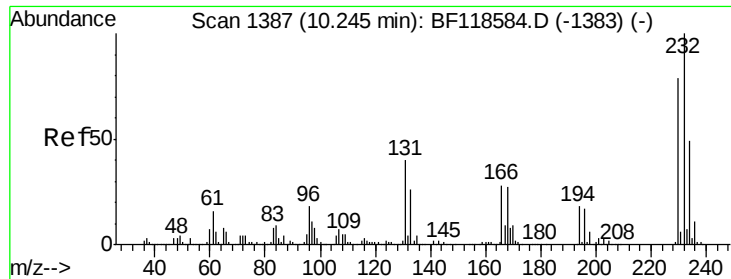
mohammad
1/21/2020 2:25:50 PM



#58
Fluorene
Concen: 55.458 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	15.5	11.5	17.3





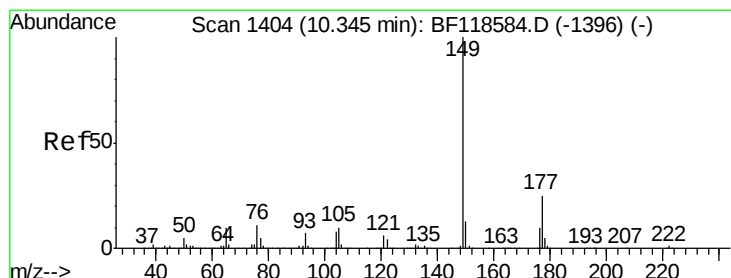
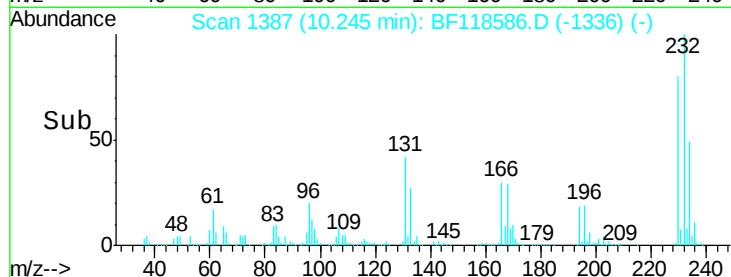
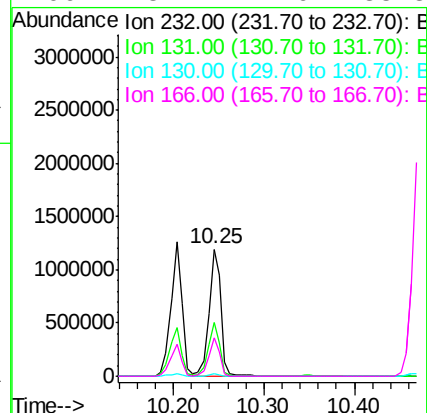
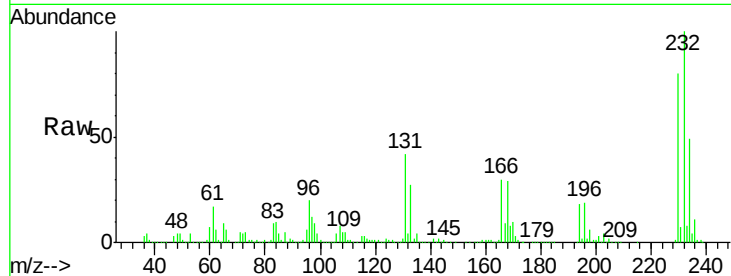
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.494 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.2	49.8
130	2.1	1.8	2.6
166	28.2	22.6	33.8

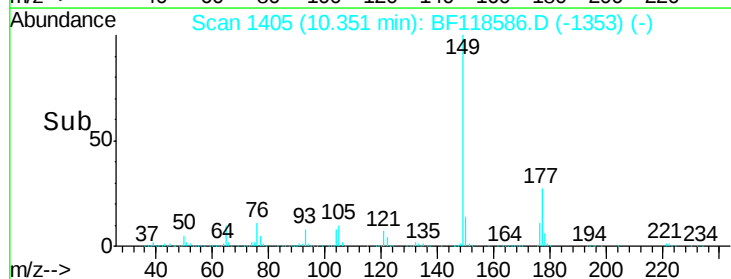
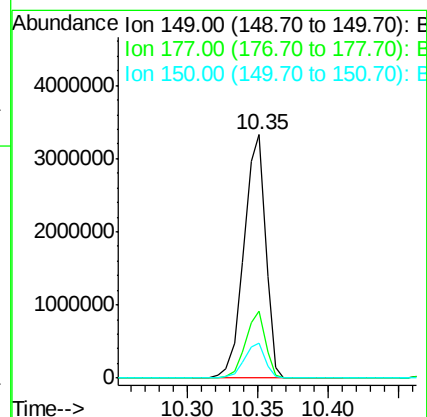
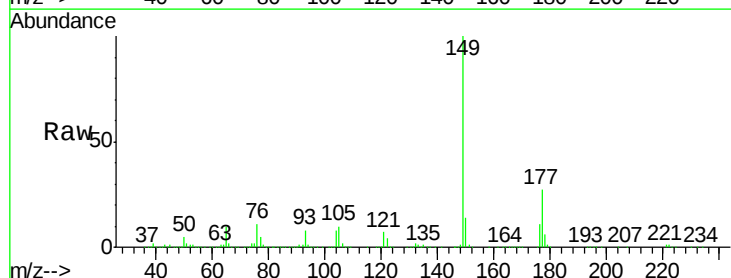
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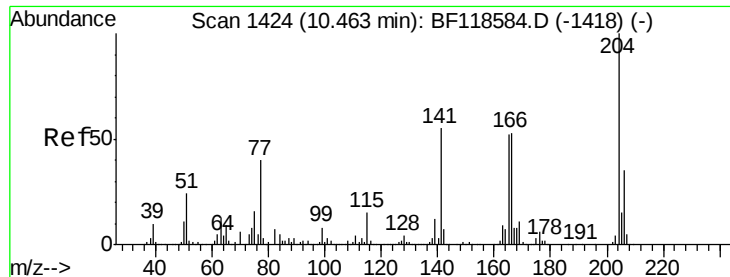
mohammad
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#60
 Diethylphthalate
 Concen: 55.009 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.4	20.0	30.0
150	14.3	10.6	16.0





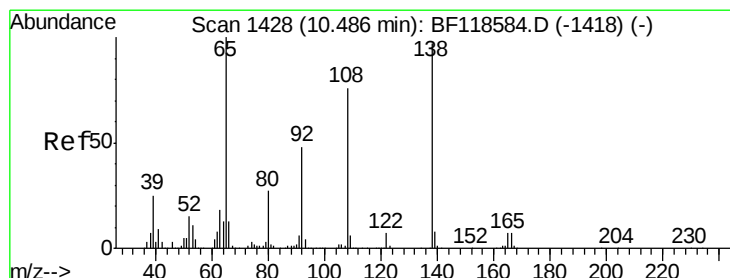
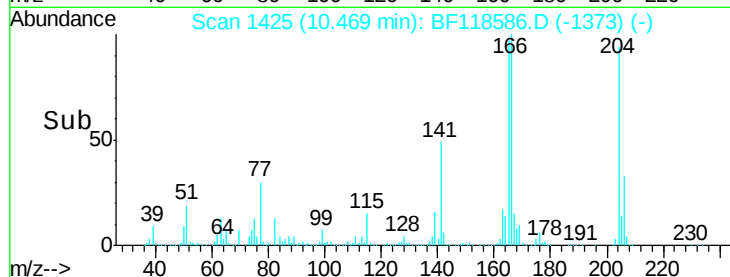
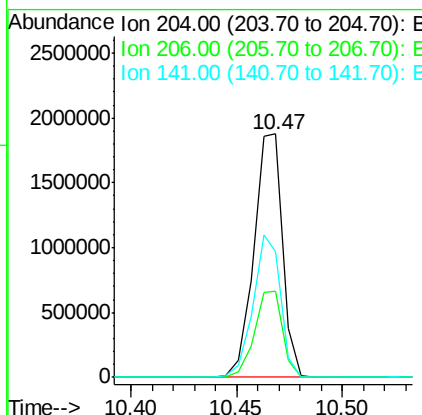
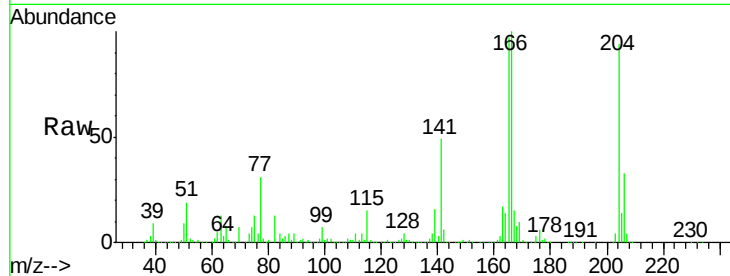
#61
 4-Chlorophenyl-phenylether
 Concen: 55.250 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion:204 Resp: 1775138
 Ion Ratio Lower Upper
 204 100
 206 35.3 27.8 41.6
 141 51.9 43.7 65.5

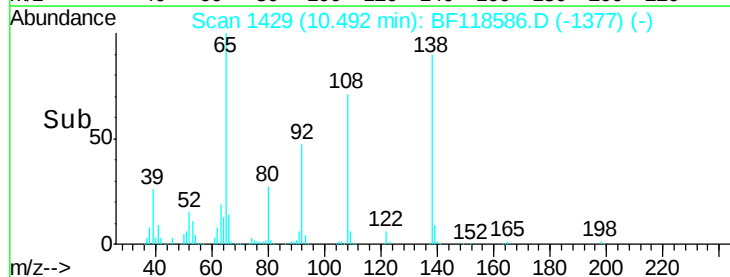
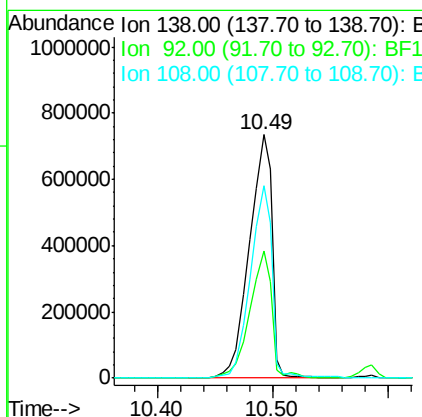
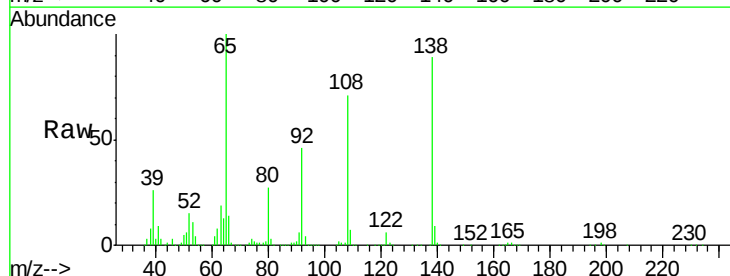
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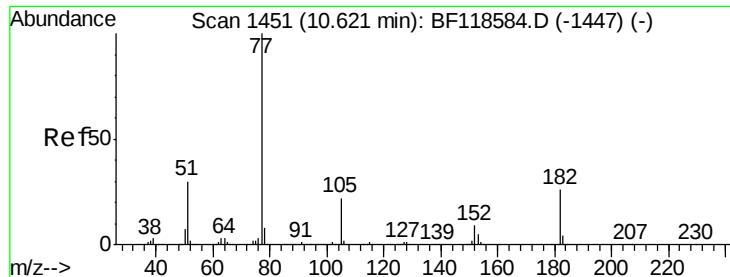
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#62
 4-Nitroaniline
 Concen: 71.087 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:138 Resp: 1008000
 Ion Ratio Lower Upper
 138 100
 92 52.0 29.4 69.4
 108 78.9 58.2 98.2





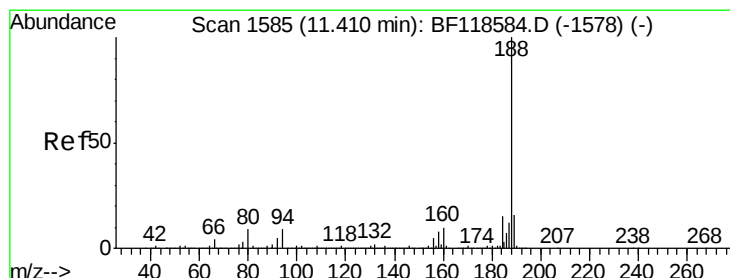
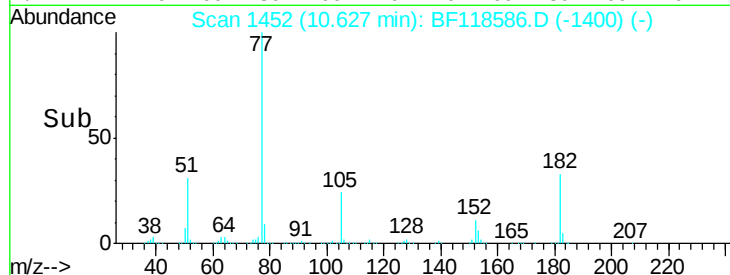
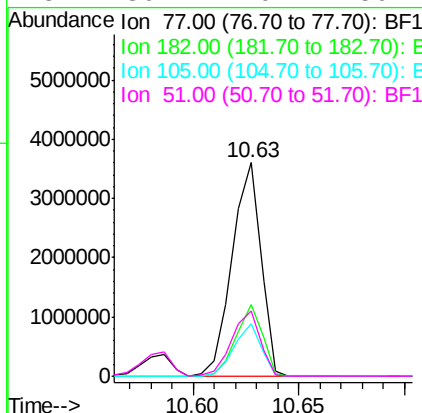
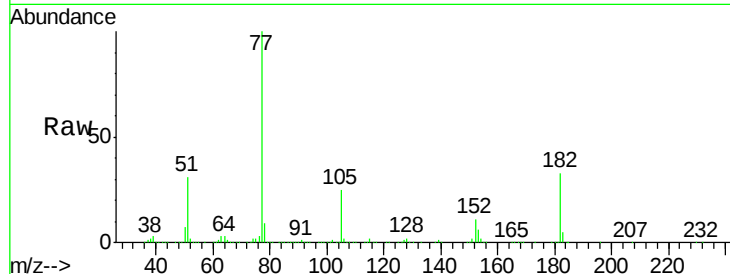
#63
Azobenzene
Concen: 54.042 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.3	5.6	45.6
105	24.6	2.0	42.0
51	30.7	10.2	50.2

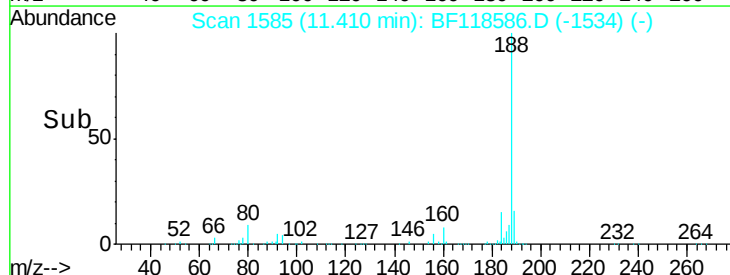
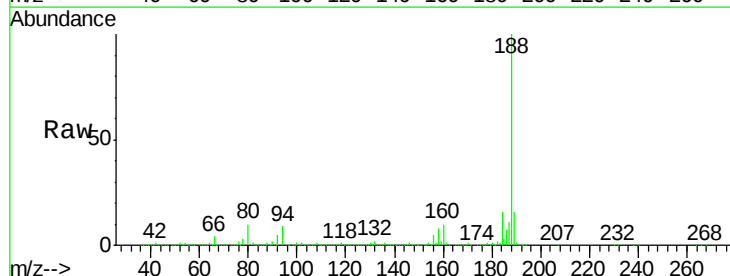
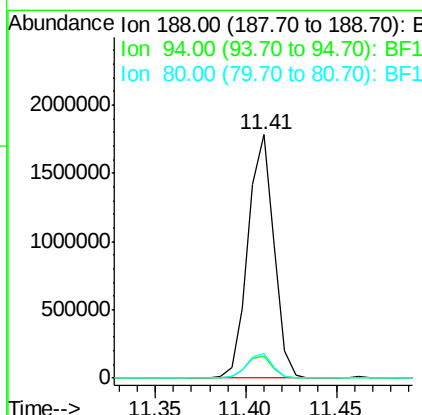
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.0	7.5	11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 81.192 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

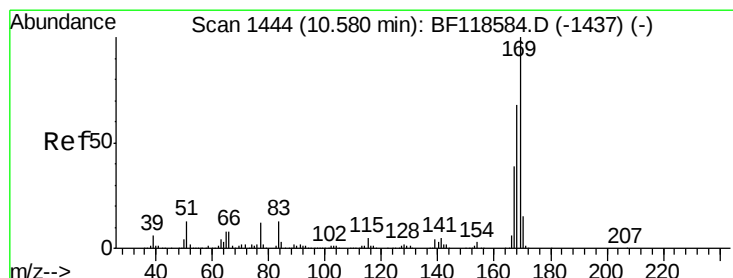
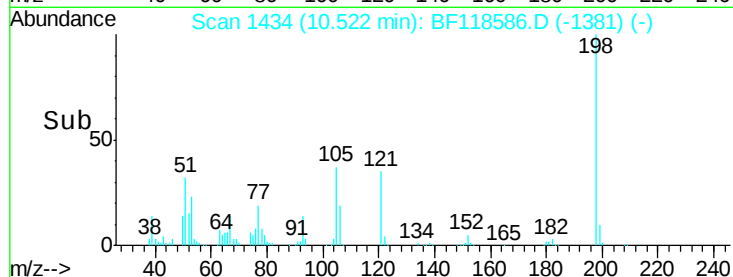
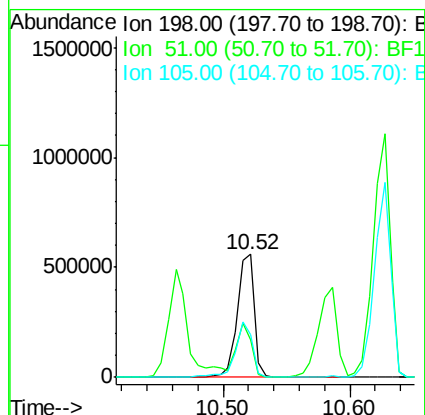
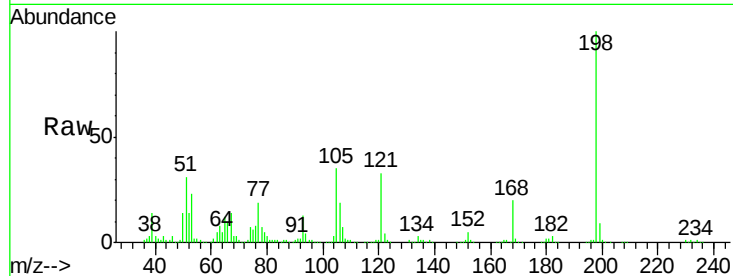
ClientSampled :

SSTDIC060

Tot Ion:	198	Resp:	511626
Ion Ratio	Lower	Upper	
198	100		
51	30.6	25.2	65.2
105	35.0	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 53.967 ng

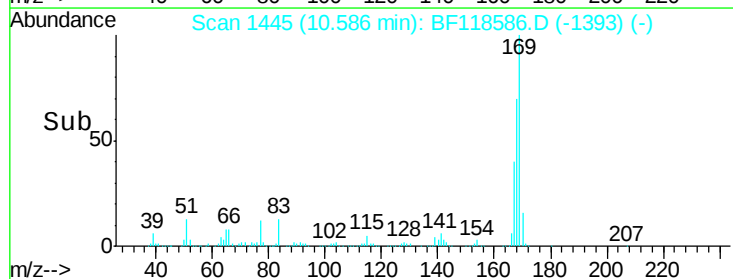
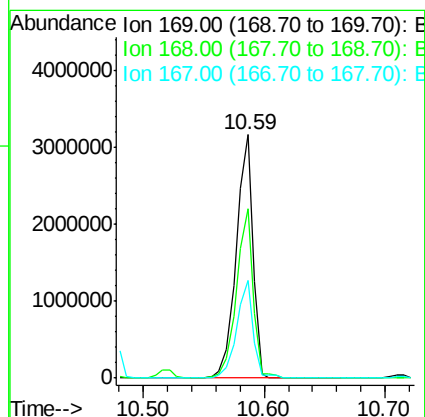
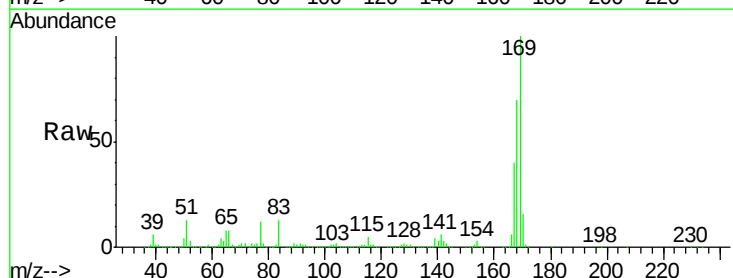
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:	169	Resp:	3052923
Ion Ratio	Lower	Upper	
169	100		
168	69.8	54.6	82.0
167	40.2	30.9	46.3





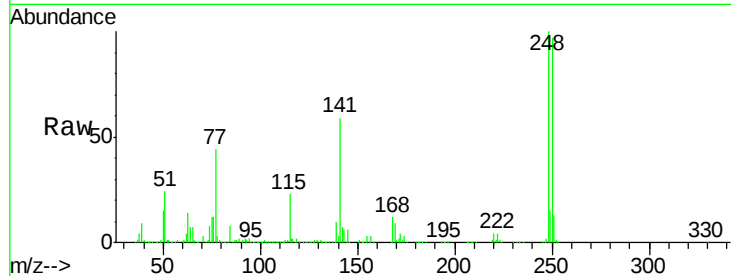
#67
4-Bromophenyl-phenylether
Concen: 54.959 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.7	118.1
141	58.7	43.2	64.8

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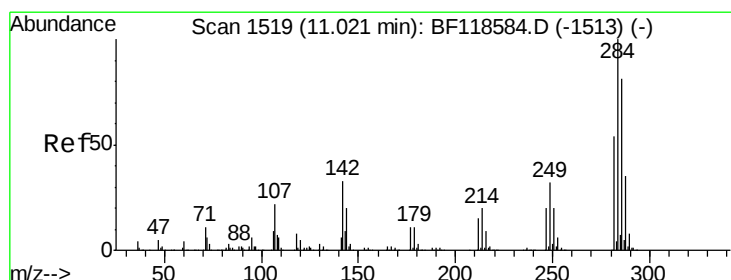
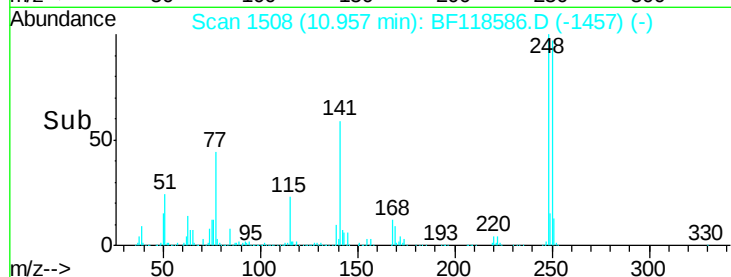
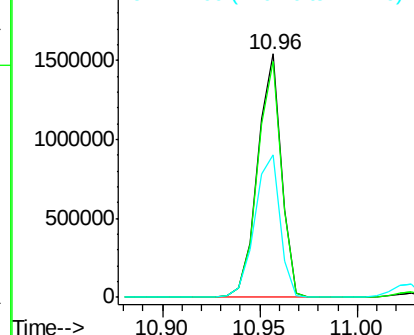


Abundance

Ion 248.00 (247.70 to 248.70): E

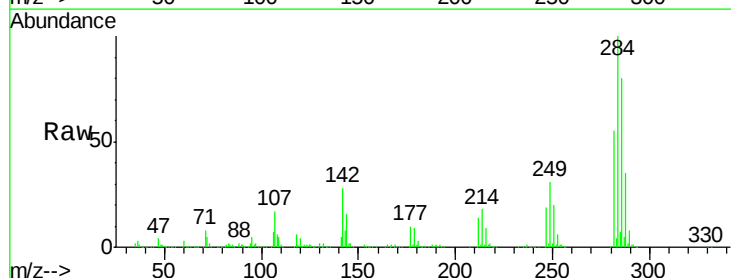
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 55.848 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	26.6	39.8
249	30.6	25.2	37.8

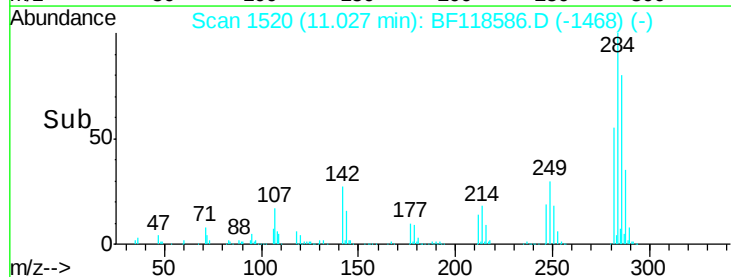
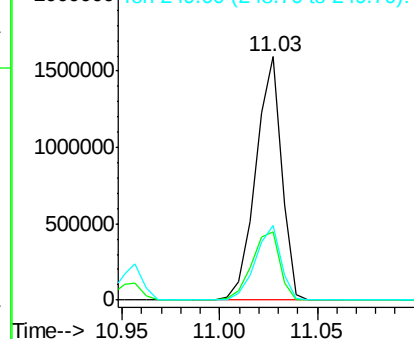


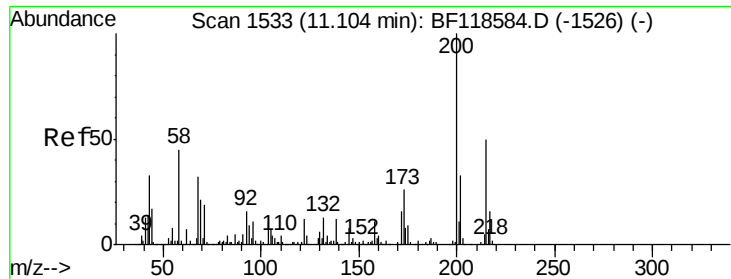
Abundance

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





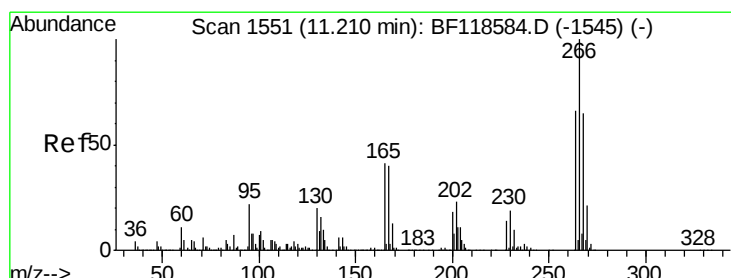
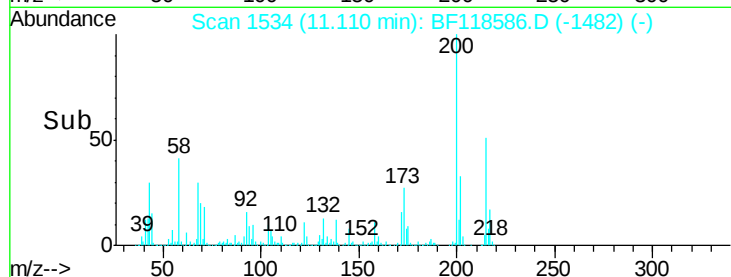
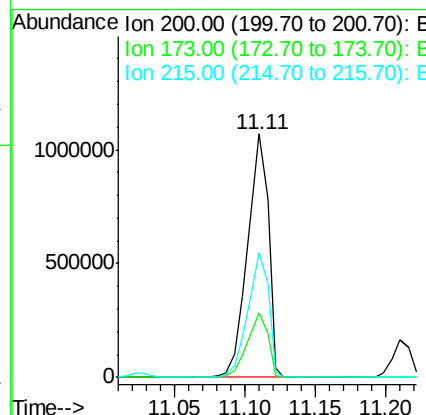
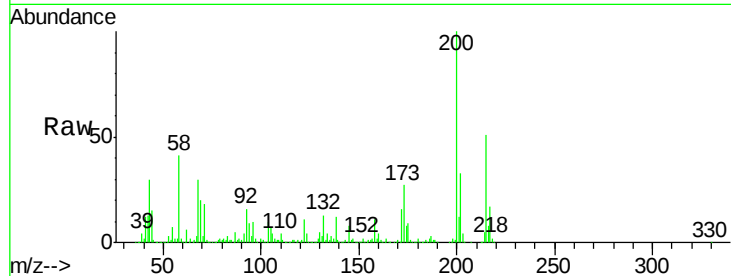
#69
Atrazine
Concen: 67.642 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.3	46.3
215	51.1	30.2	70.2

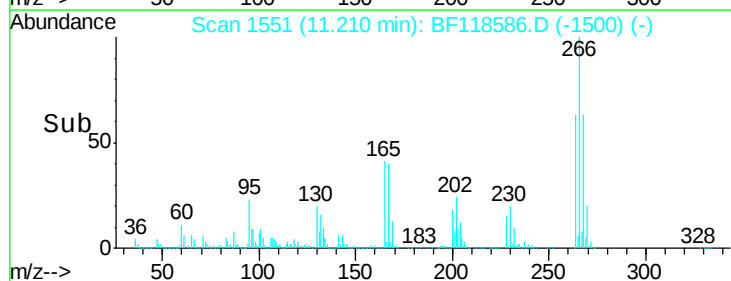
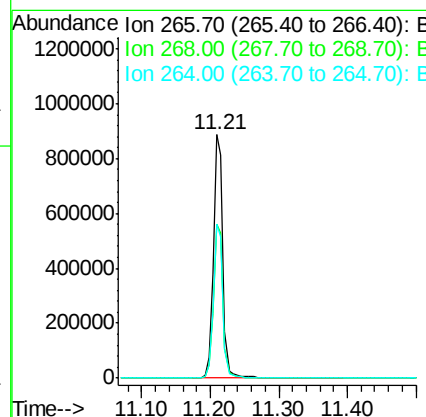
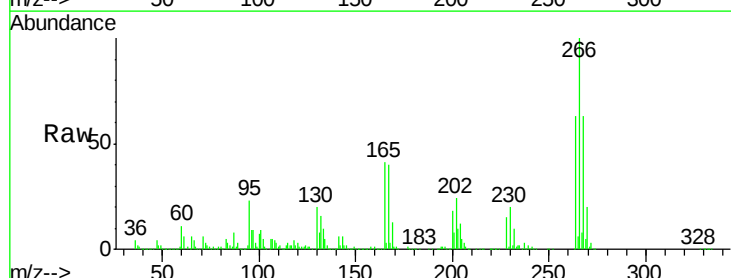
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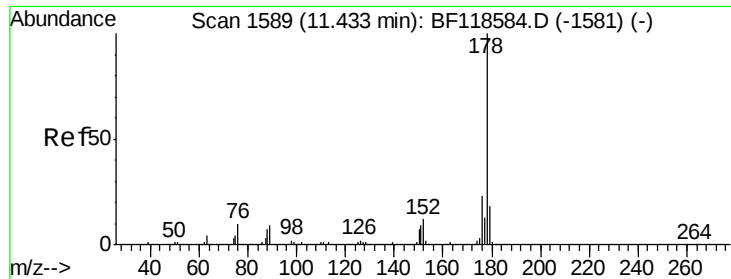
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#70
Pentachlorophenol
Concen: 67.350 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.1	78.1
264	63.3	52.4	78.6





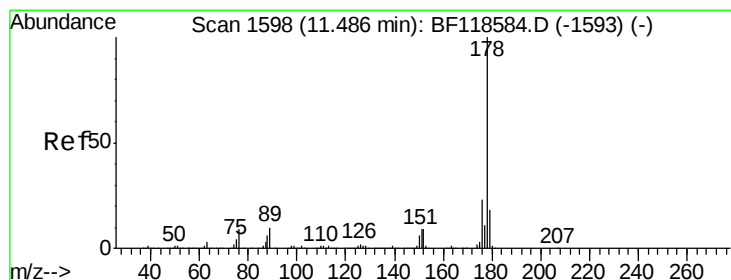
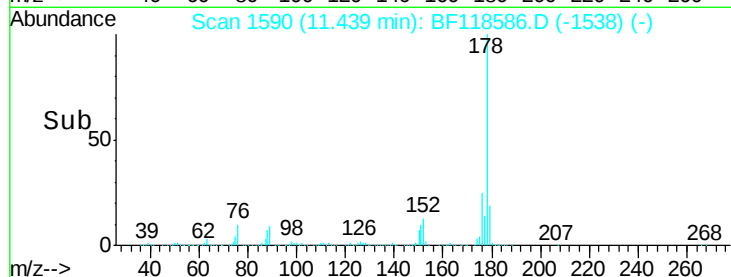
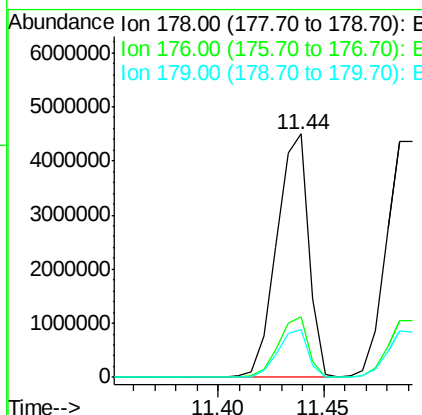
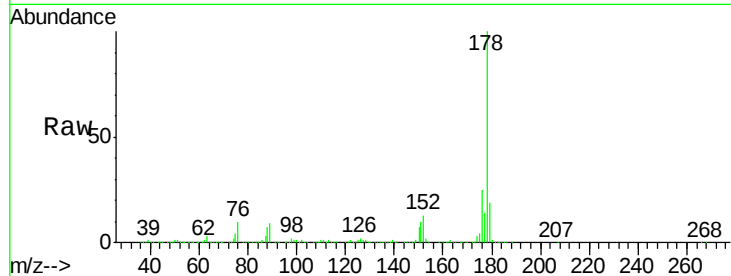
#71
Phenanthrene
Concen: 53.649 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:178 Resp: 4747625
Ion Ratio Lower Upper
178 100
176 25.0 18.6 27.8
179 19.4 14.7 22.1

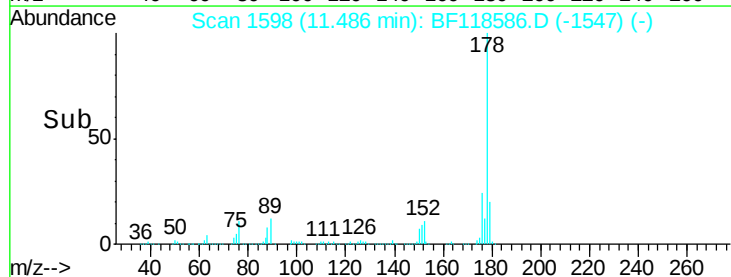
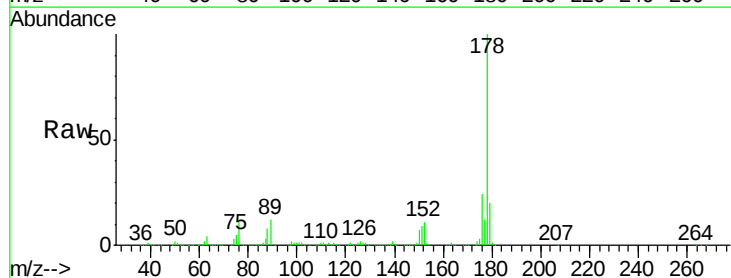
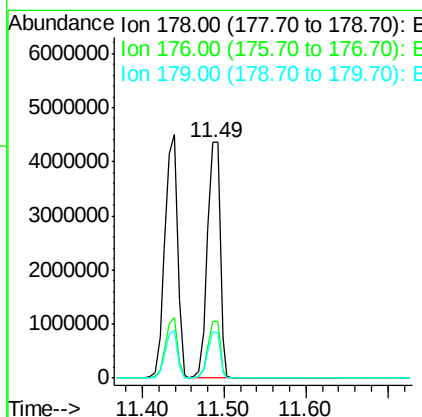
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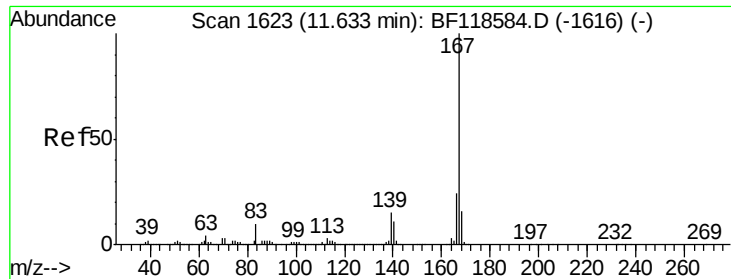
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#72
Anthracene
Concen: 53.054 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:178 Resp: 4684195
Ion Ratio Lower Upper
178 100
176 24.0 18.0 27.0
179 19.9 14.7 22.1





#73
 Carbazole
 Concen: 54.744 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

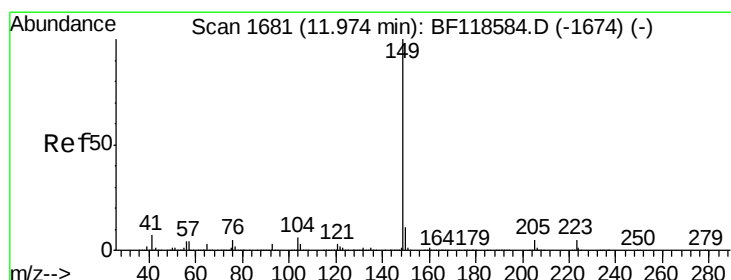
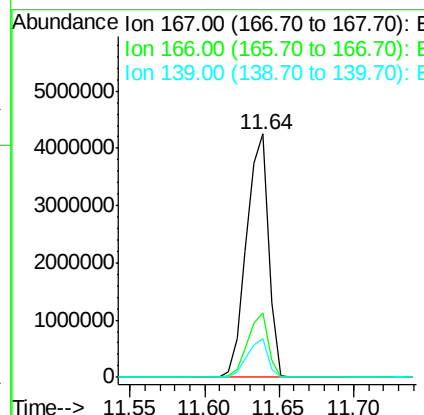
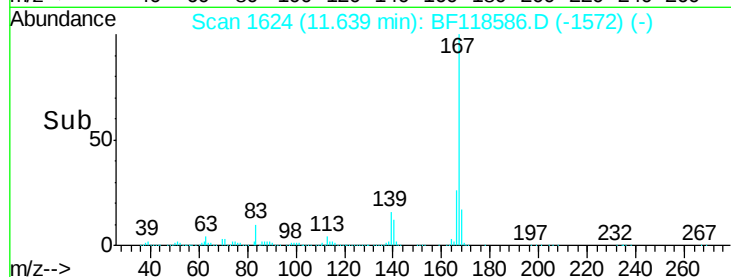
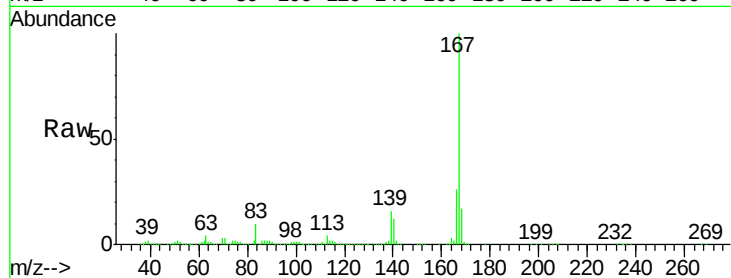
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:167 Resp: 4359184

Ion	Ratio	Lower	Upper
167	100		
166	26.4	19.4	29.2
139	15.8	11.7	17.5

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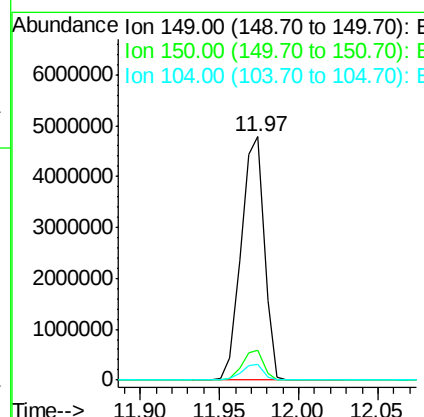
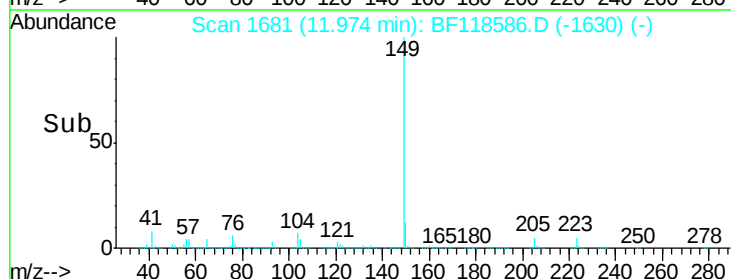
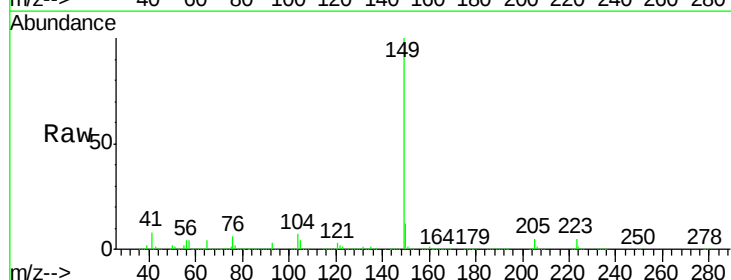
mohammad
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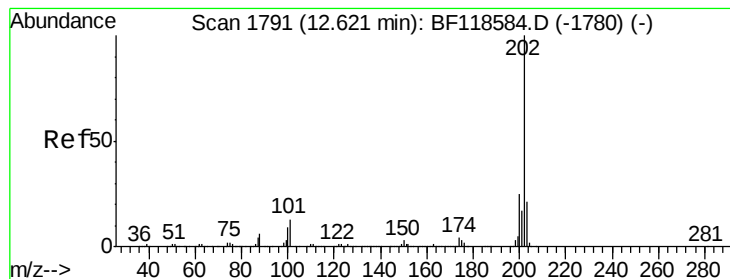


#74
 Di-n-butylphthalate
 Concen: 48.742 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:149 Resp: 4823273

Ion	Ratio	Lower	Upper
149	100		
150	12.2	8.7	13.1
104	6.5	4.6	6.8





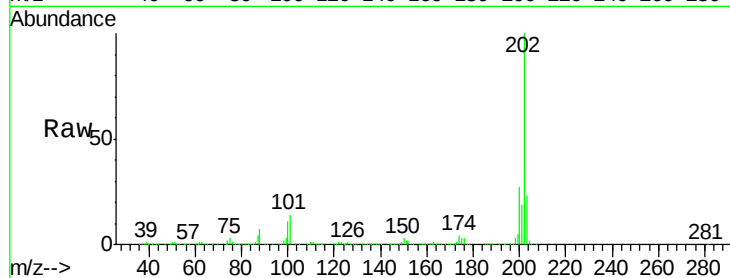
#75
 Fluoranthene
 Concen: 52.300 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.5
203	22.8	0.8	40.8

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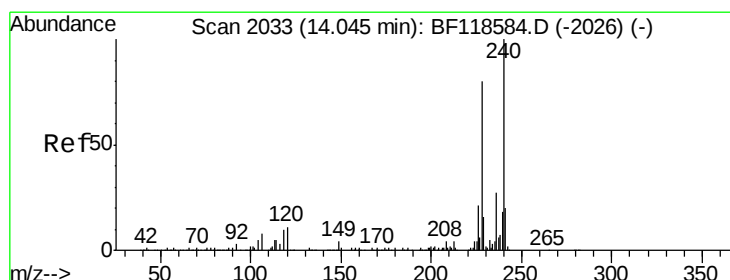
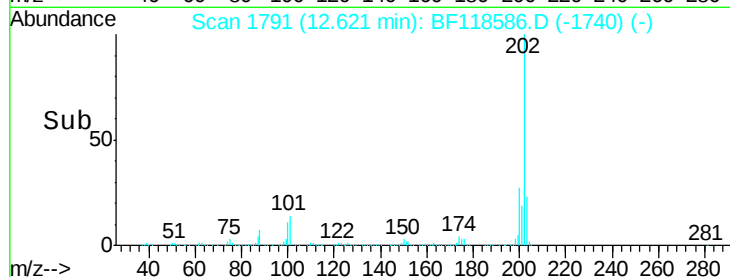
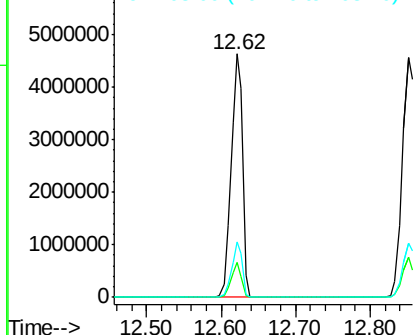


Abundance

Ion 202.00 (201.70 to 202.70): E

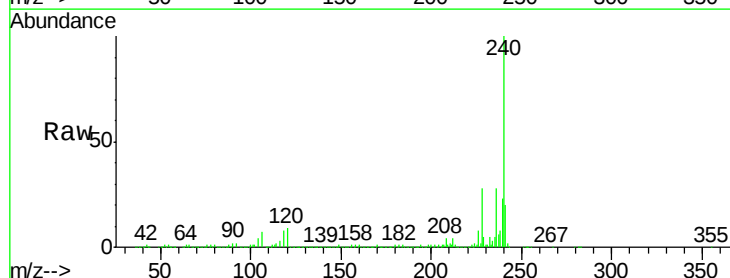
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	27.7	21.5	32.3

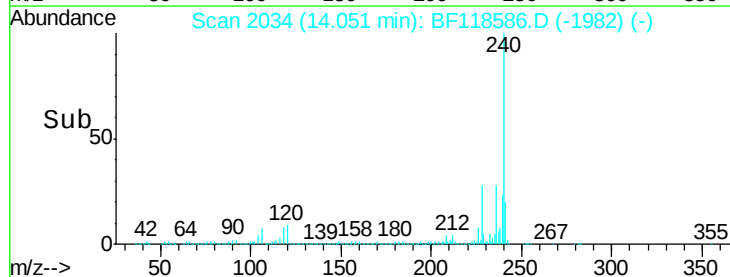
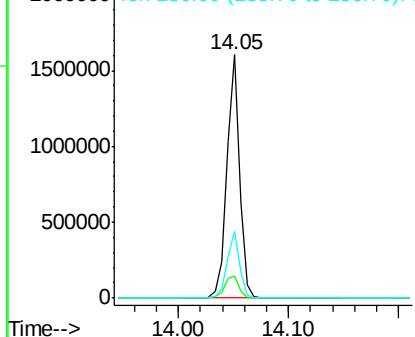


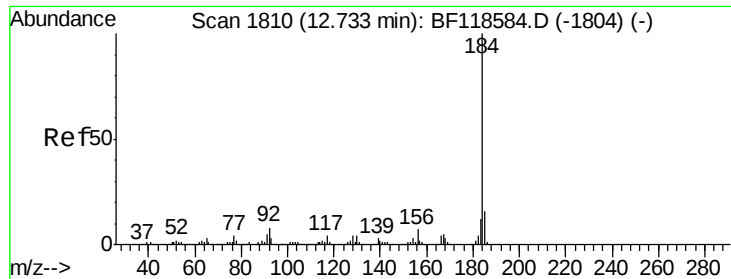
Abundance

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: 67.041 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 2109109

Ion Ratio Lower Upper

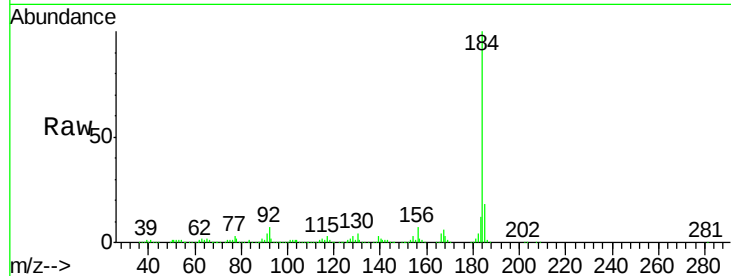
184 100

185 18.2 12.9 19.3

183 12.4 9.6 14.4

Manual Integrations
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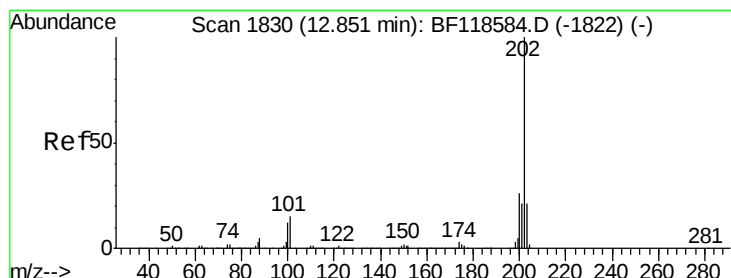
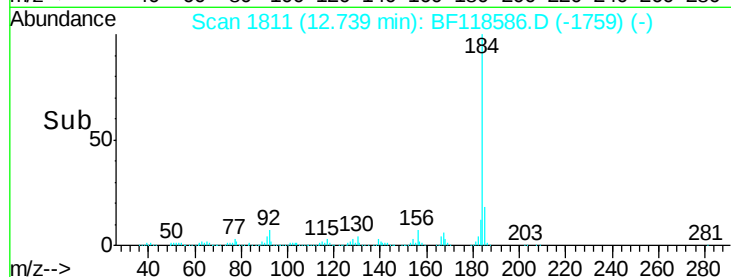
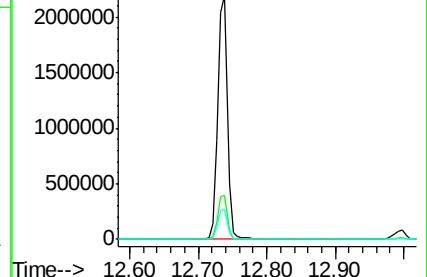
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.219 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

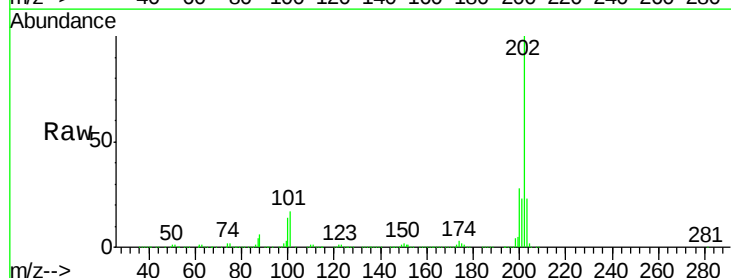
Tgt Ion:202 Resp: 5046562

Ion Ratio Lower Upper

202 100

200 27.5 20.6 31.0

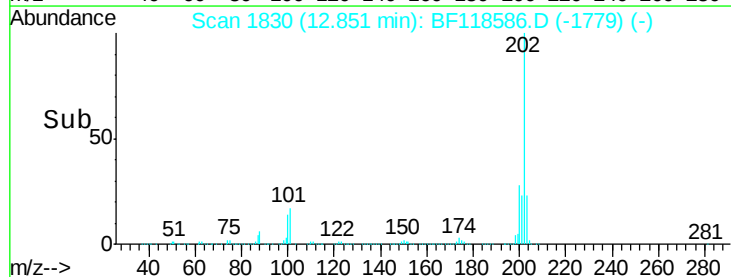
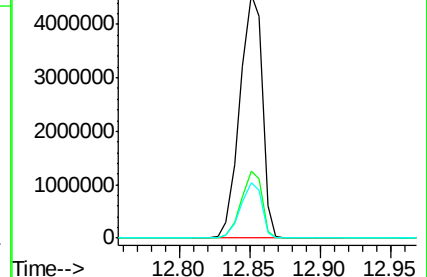
203 22.8 16.8 25.2

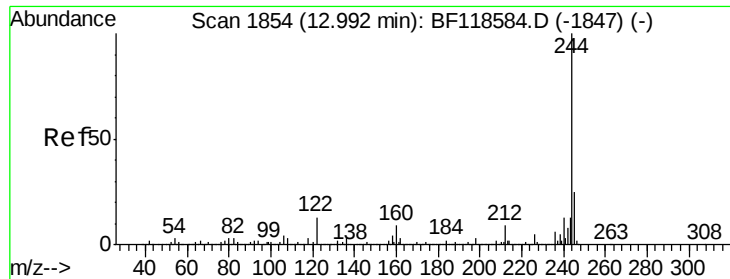


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.597 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:244 Resp: 6530004

Ion Ratio Lower Upper

244 100

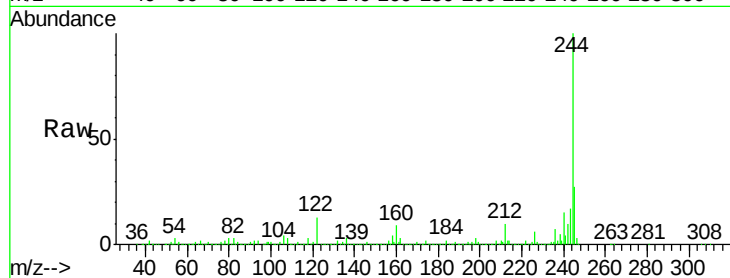
212 10.0 7.0 10.4

122 12.9 10.7 16.1

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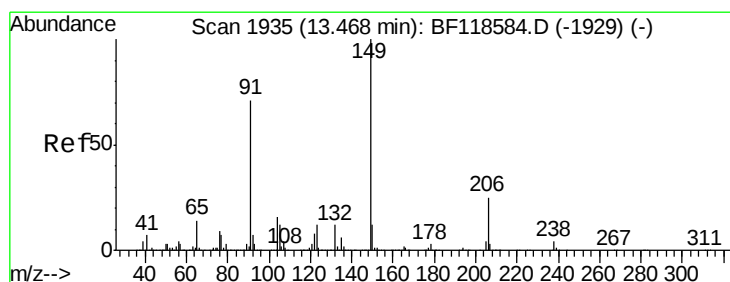
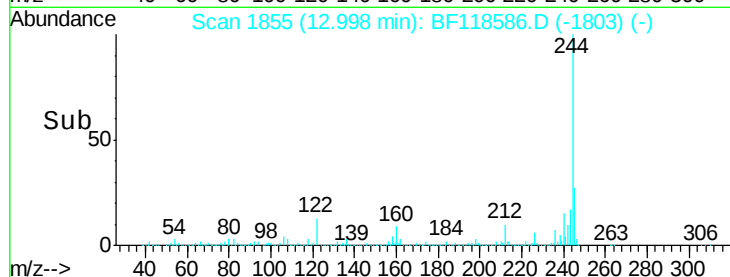
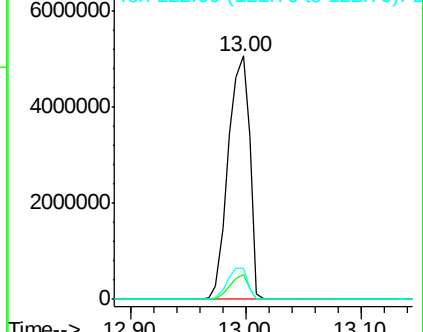
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.159 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

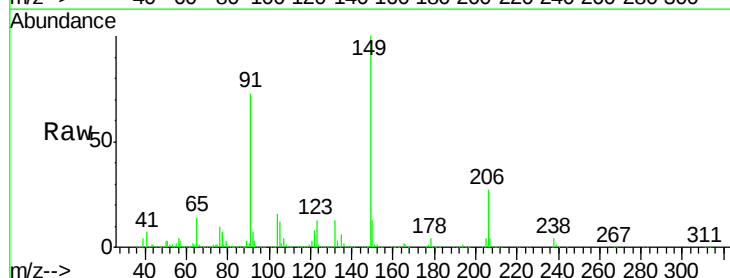
Tgt Ion:149 Resp: 2202202

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

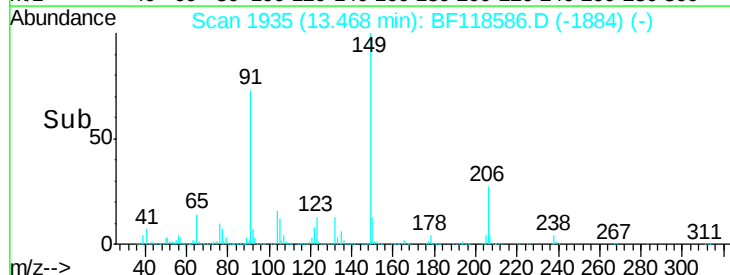
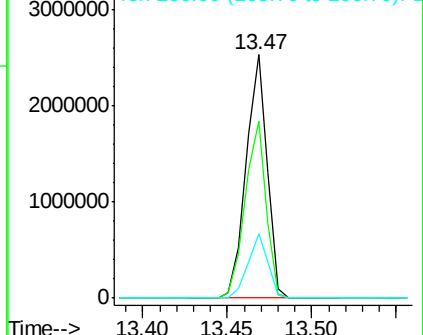
206 26.5 19.9 29.9

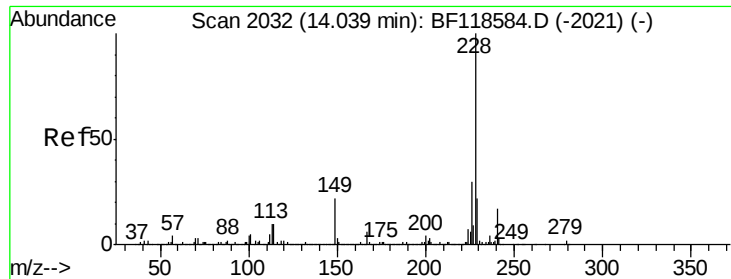


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





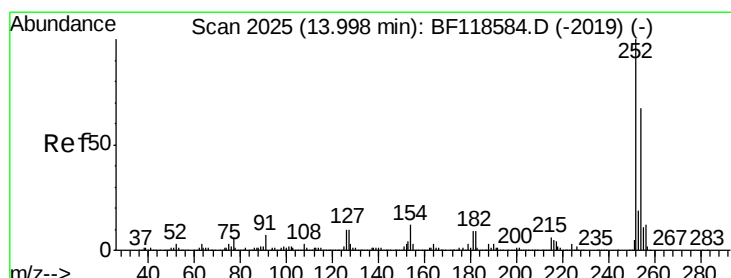
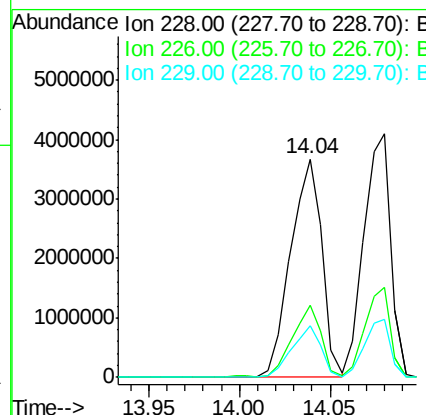
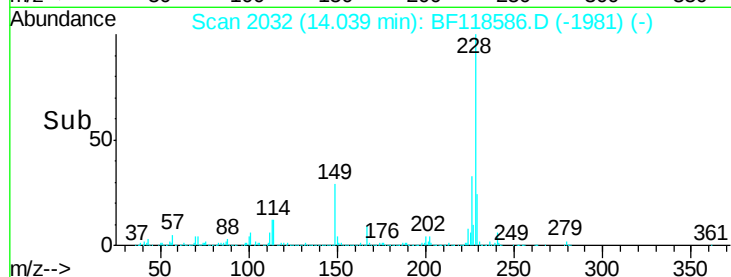
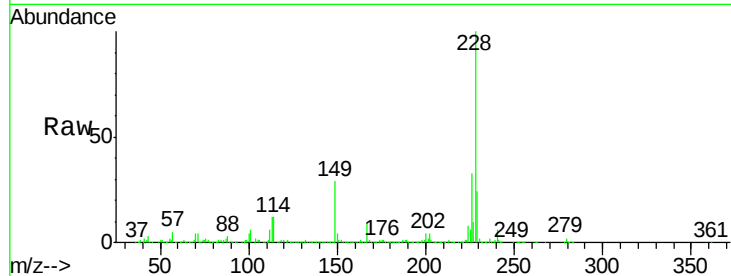
#81
Benzo(a)anthracene
Concen: 54.264 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:228 Resp: 4435116
Ion Ratio Lower Upper
228 100
226 32.9 24.1 36.1
229 23.6 17.6 26.4

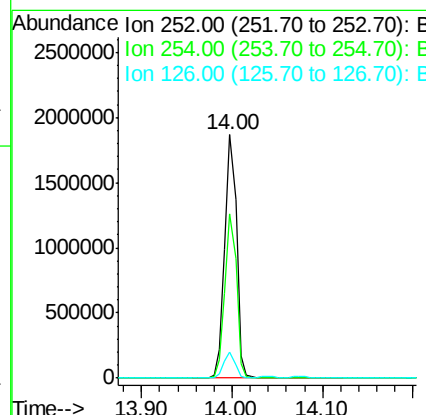
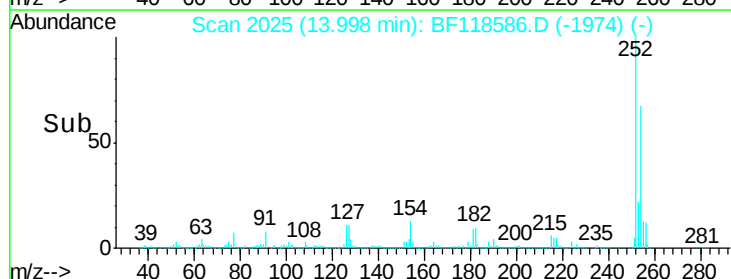
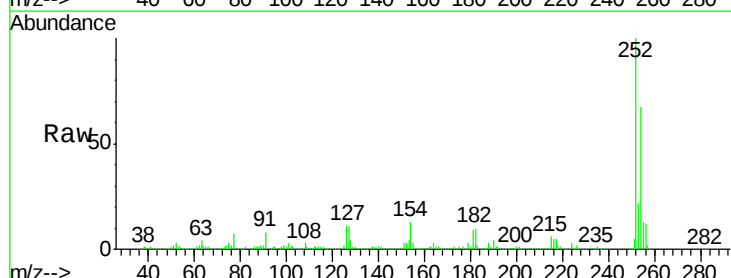
Manual Integrations
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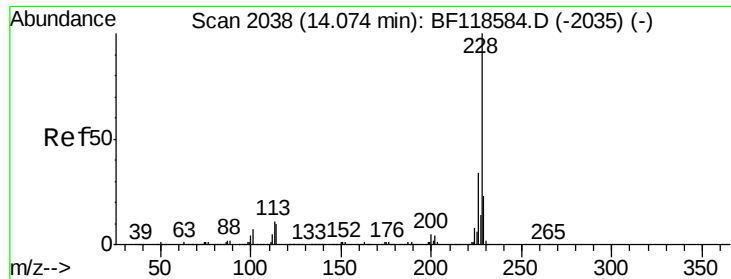
mohammad
1/21/2020 2:25:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 58.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:252 Resp: 1663173
Ion Ratio Lower Upper
252 100
254 67.3 53.4 80.2
126 10.9 8.0 12.0





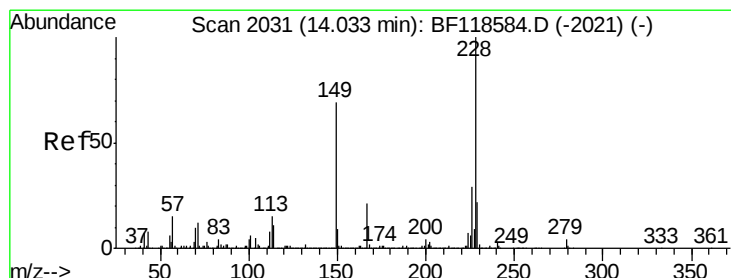
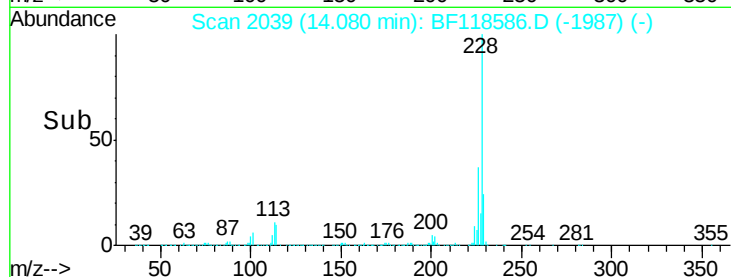
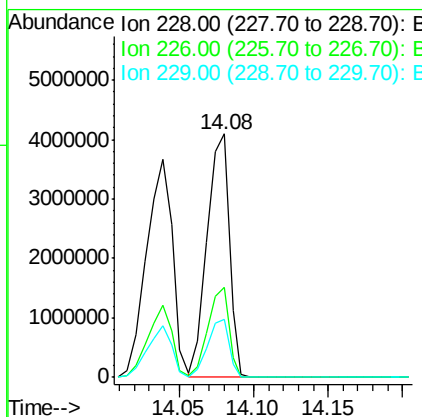
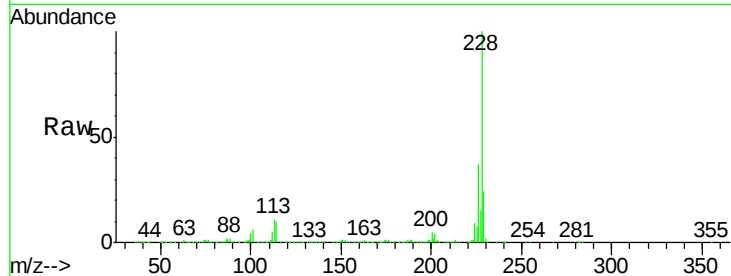
#83
 Chrvsene
 Concen: 53.744 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:228 Resp: 4225129
 Ion Ratio Lower Upper
 228 100
 226 37.1 27.4 41.0
 229 24.0 18.3 27.5

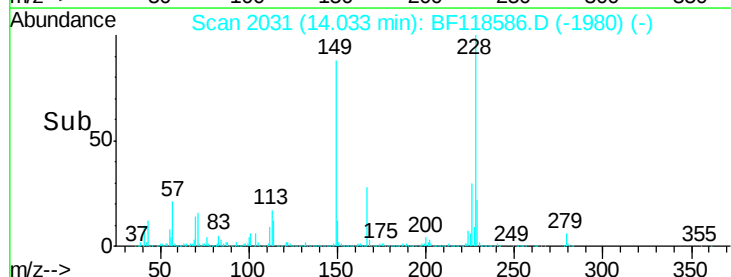
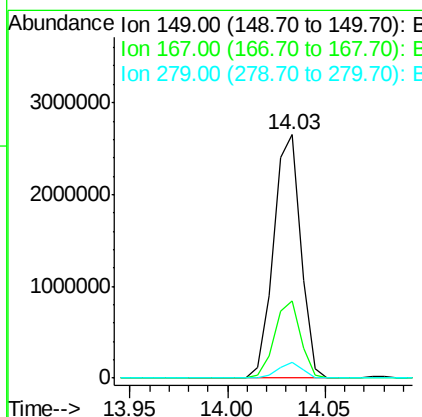
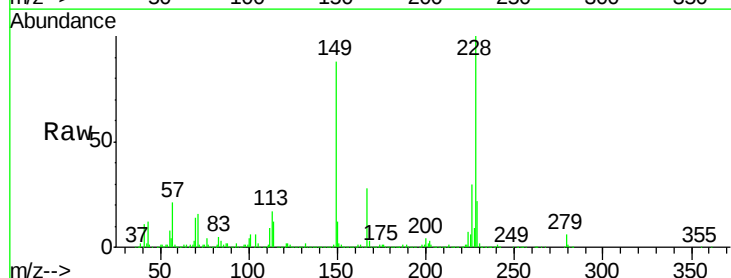
Manual Integrations
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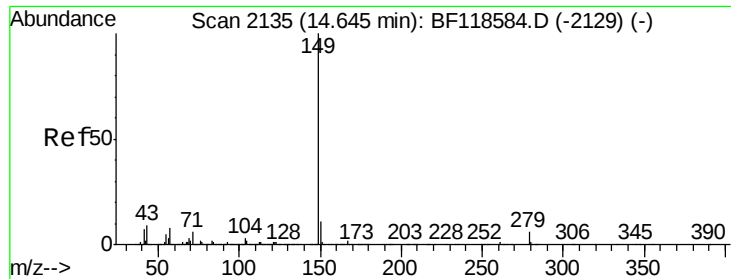
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.903 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:149 Resp: 2565958
 Ion Ratio Lower Upper
 149 100
 167 31.8 24.2 36.4
 279 6.6 5.0 7.4





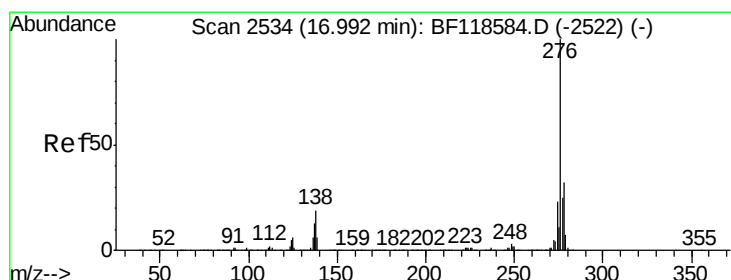
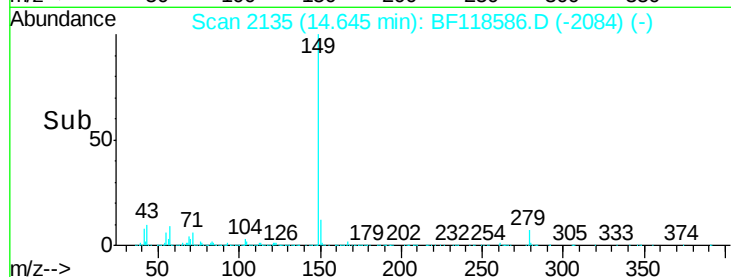
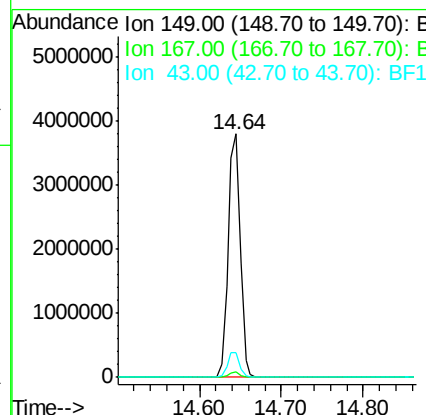
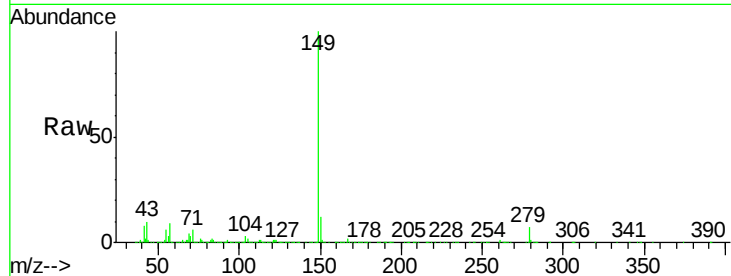
#85
Di-n-octyl phthalate
Concen: 49.444 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.3	8.1	12.1

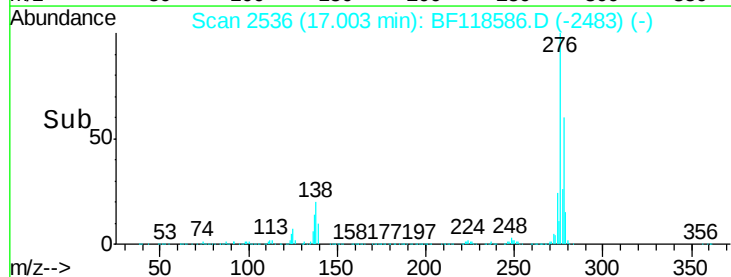
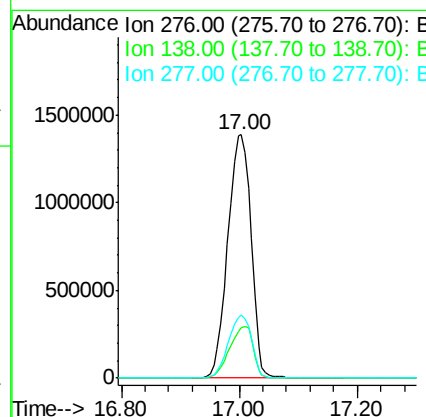
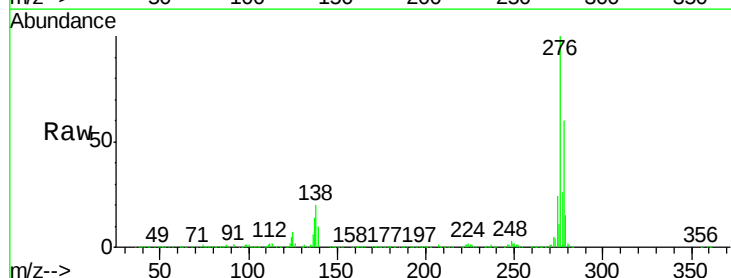
Manual Integrations
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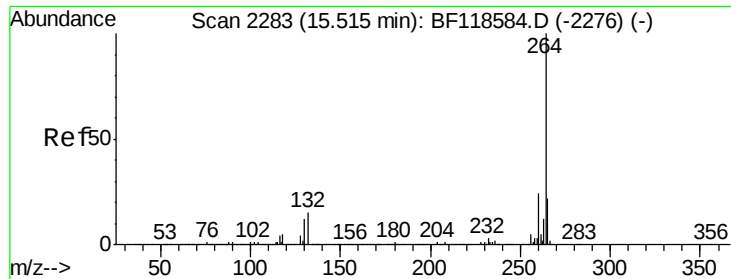
mohammad
1/21/2020 2:25:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.519 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.2	25.8
277	25.9	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: BF118586.D
Acq: 20 Jan 2020 12:32

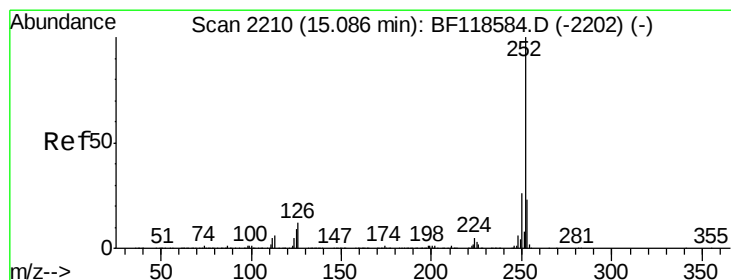
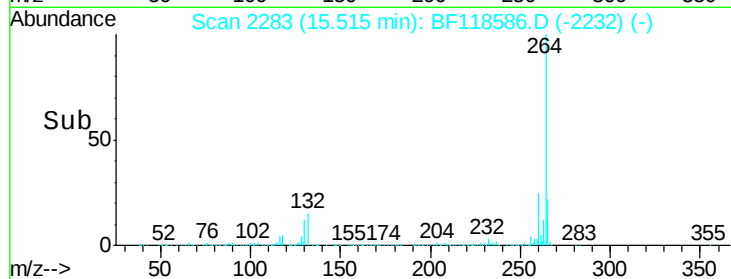
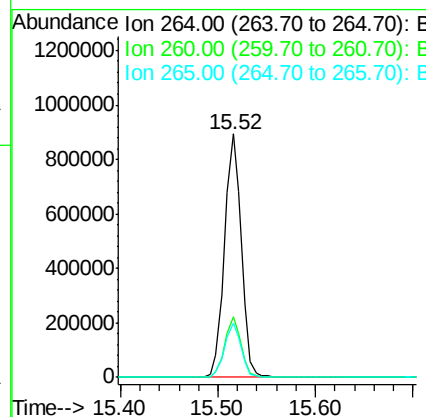
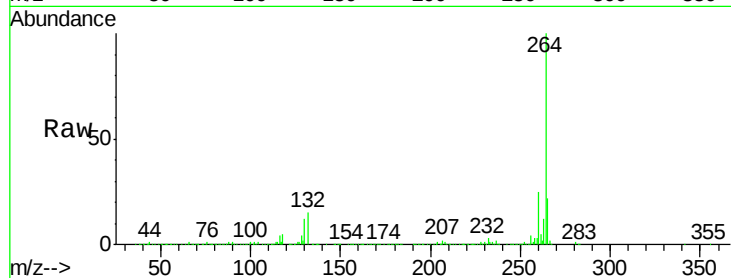
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:264 Resp: 1067686

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.2	17.7	26.5

Manual Integrations
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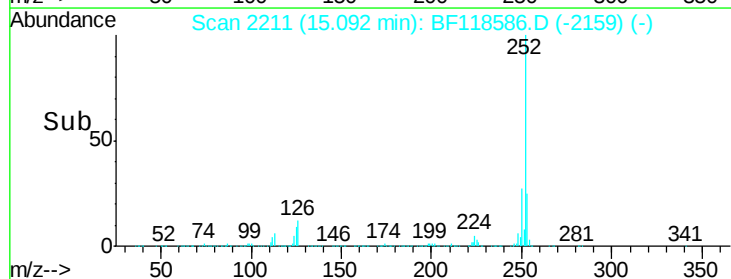
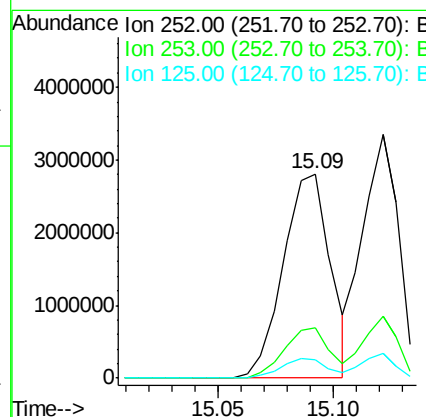
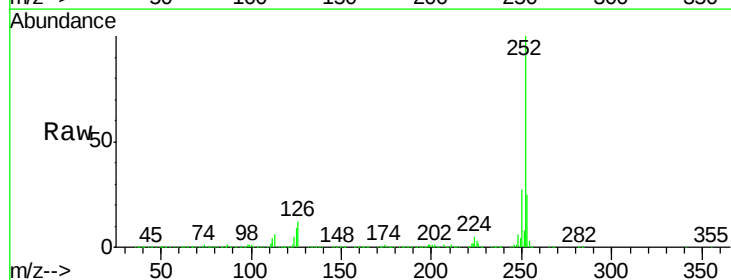
mohammad
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#88
Benzo(b)fluoranthene
Concen: 57.230 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:252 Resp: 3979668

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	9.0	7.3	10.9





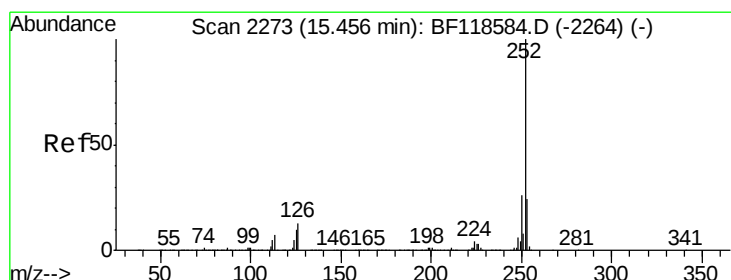
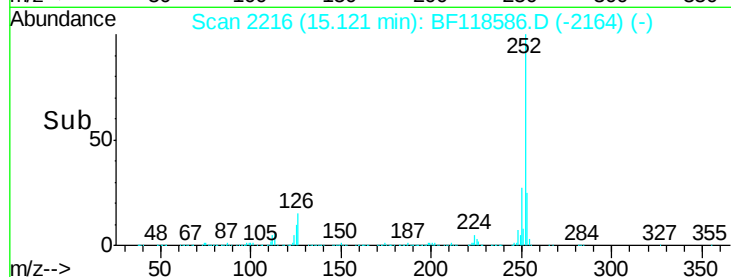
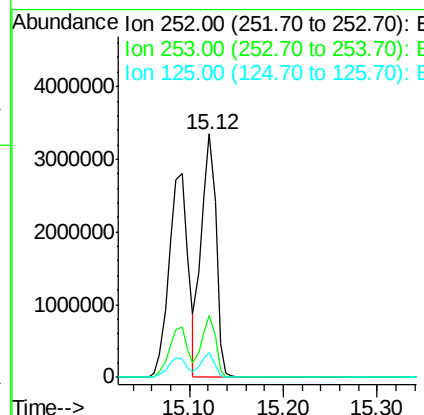
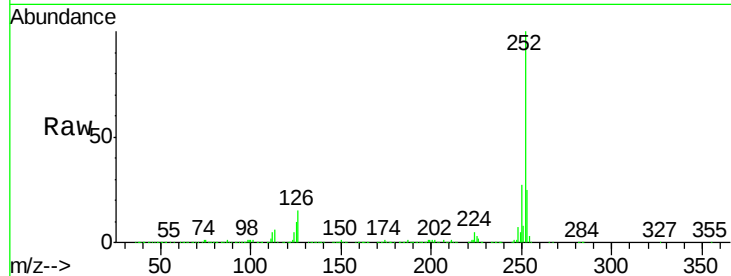
#89
Benzo(k)fluoranthene
Concen: 58.052 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 3648346
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.4
125 10.2 7.6 11.4

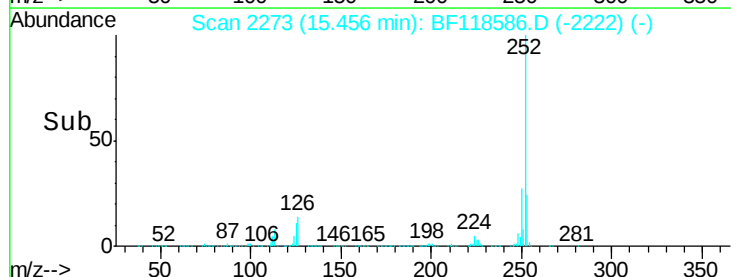
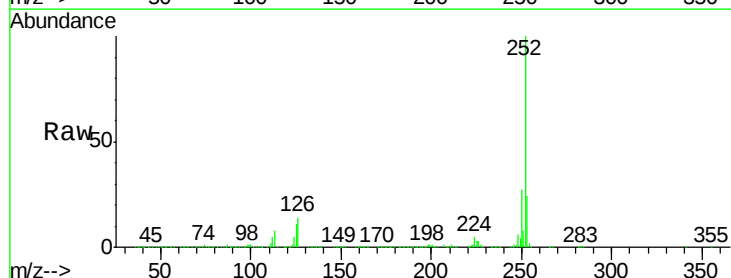
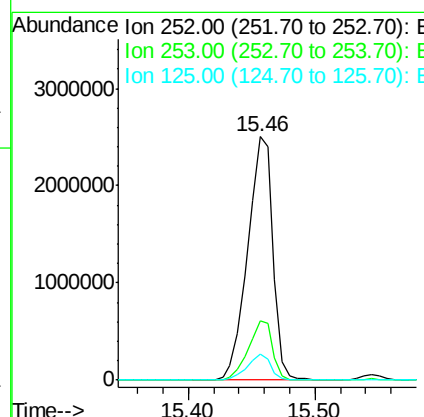
Manual Integrations
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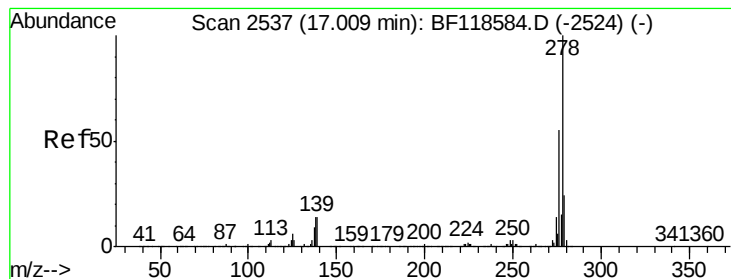
mohammad
1/21/2020 2:25:50 PM



#90
Benzo(a)pyrene
Concen: 57.195 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:252 Resp: 3460761
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 10.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.288 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:278 Resp: 3124505

Ion Ratio Lower Upper

278 100

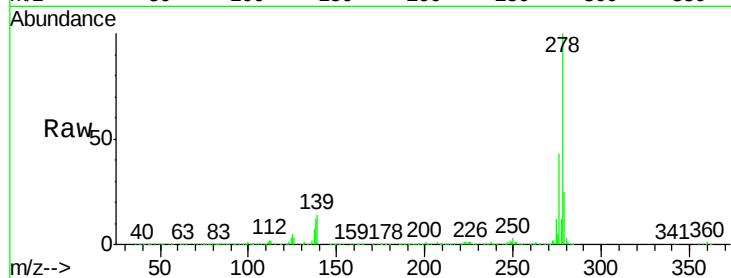
139 13.7 11.4 17.0

279 24.7 19.0 28.6

Manual Integrations
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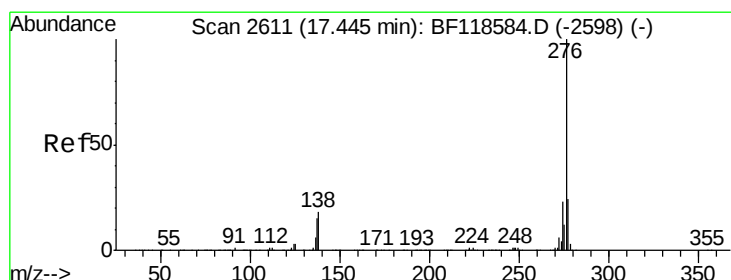
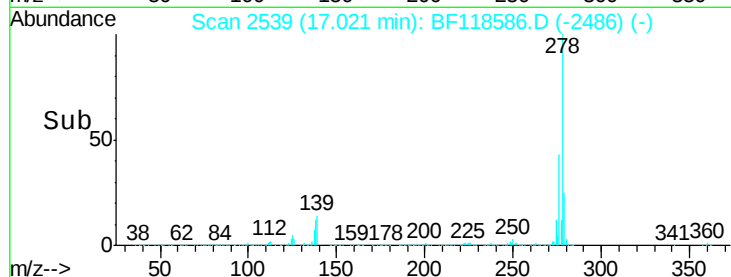
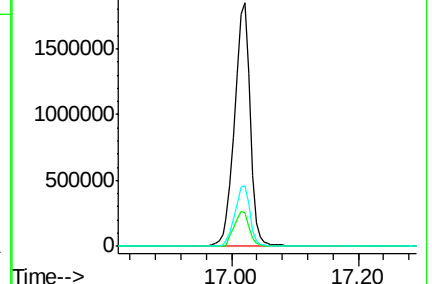
1/21/2020 2:25:50 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.845 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

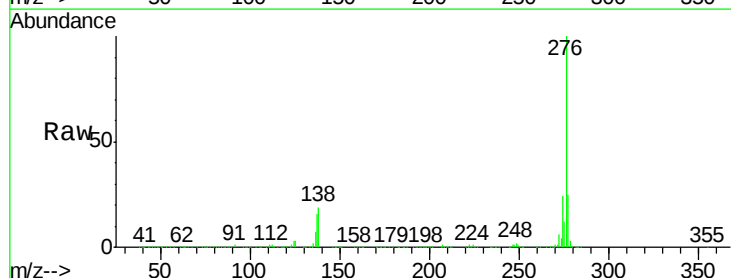
Tgt Ion:276 Resp: 3048521

Ion Ratio Lower Upper

276 100

277 25.3 18.9 28.3

138 18.9 14.4 21.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

