

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118558.D
 Acq On : 17 Jan 2020 13:26
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 13:55:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	448710	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1522725	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	838450	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1448520	20.00	ng	0.00
76) Chrysene-d12	14.06	240	862912	20.00	ng	0.00
87) Perylene-d12	15.53	264	895072	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	3990711	152.25	ng	0.01
7) Phenol-d6	6.53	99	5240050	166.16	ng	0.02
23) Nitrobenzene-d5	7.47	82	4920418	197.88	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	1688469	166.03	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	6891042	132.57	ng	0.01
79) Terphenyl-d14	13.00	244	6990323	134.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	1051033	98.573	ng	99
3) Pyridine	3.45	79	2906101	103.276	ng	99
4) n-Nitrosodimethylamine	3.41	42	1340858	137.317	ng	98
6) Aniline	6.56	93	2790465	70.131	ng	97
8) 2-Chlorophenol	6.69	128	2329001	79.267	ng	98
9) Benzaldehyde	6.44	77	1032740	70.317	ng	99
10) Phenol	6.55	94	2980988	84.067	ng	84
11) bis(2-Chloroethyl)ether	6.64	93	2376541	89.144	ng	98
12) 1,3-Dichlorobenzene	6.84	146	2703819	79.398	ng	98
13) 1,4-Dichlorobenzene	6.92	146	2679432	78.523	ng	98
14) 1,2-Dichlorobenzene	7.07	146	2372009	75.032	ng	97
15) Benzyl Alcohol	7.04	79	2120497	94.341	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	3348653	121.305	ng	97
17) 2-Methylphenol	7.15	107	2048719	89.361	ng	100
18) Hexachloroethane	7.42	117	1018021	84.078	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	1908074	104.592	ng	98
20) 3+4-Methylphenols	7.31	107	2150917	72.065	ng	# 89
22) Acetophenone	7.32	105	3067208	86.826	ng	98
24) Nitrobenzene	7.49	77	2535939	102.602	ng	96
25) Isophorone	7.73	82	4848240	108.199	ng	99
26) 2-Nitrophenol	7.79	139	1218915	84.051	ng	98
27) 2,4-Dimethylphenol	7.83	122	1989635	102.779	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	3000054	97.123	ng	98
29) 2,4-Dichlorophenol	8.04	162	2172766	96.486	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	2388405	93.182	ng	99
31) Naphthalene	8.20	128	5699513	74.611	ng	93
32) Benzoic acid	8.00	122	1620791	115.951	ng	94
33) 4-Chloroaniline	8.25	127	3030119	93.221	ng	99
34) Hexachlorobutadiene	8.32	225	1473614	97.859	ng	98
35) Caprolactam	8.66	113	560788	80.808	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	2091779	90.002	ng	96
37) 2-Methylnaphthalene	8.89	142	4114675	80.575	ng	98
38) 1-Methylnaphthalene	8.99	142	3921717	80.991	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	2264125	88.062	ng	99

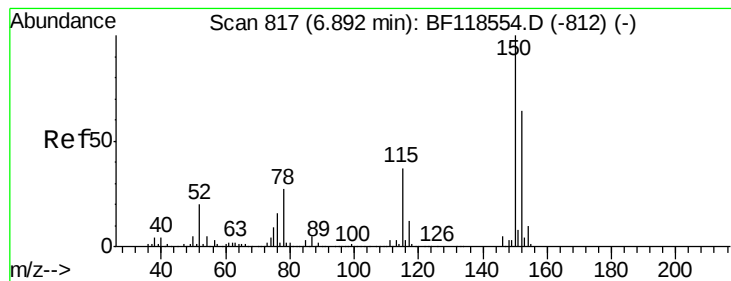
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1314117	338.191	nq	97
43) 2,4,6-Trichlorophenol	9.17	196	1645181	98.814	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	1615578	97.166	nq	99
46) 1,1'-Biphenyl	9.36	154	4677086	70.400	nq	94
47) 2-Chloronaphthalene	9.39	162	4218428	79.084	nq	92
48) 2-Nitroaniline	9.47	65	1430924	99.886	nq	95
49) Acenaphthylene	9.80	152	5709784	73.462	nq	94
50) Dimethylphthalate	9.67	163	4982404	80.511	nq	97
51) 2,6-Dinitrotoluene	9.72	165	1194275	87.768	nq	99
52) Acenaphthene	9.97	154	3912536	81.817	nq	98
53) 3-Nitroaniline	9.89	138	1296992	82.407	nq	# 95
54) 2,4-Dinitrophenol	9.99	184	500335	98.452	nq	# 1
55) Dibenzofuran	10.15	168	5298763	76.364	nq	89
56) 4-Nitrophenol	10.04	139	996108	138.079	nq	95
57) 2,4-Dinitrotoluene	10.13	165	1515165	87.113	nq	91
58) Fluorene	10.49	166	3893064	69.069	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1345707	98.971	nq	99
60) Diethylphthalate	10.36	149	4605797	74.693	nq	93
61) 4-Chlorophenyl-phenylether	10.47	204	2172366	76.606	nq	96
62) 4-Nitroaniline	10.52	138	1271122	81.787	nq	96
63) Azobenzene	10.64	77	4370590	85.573	nq	93
65) 4,6-Dinitro-2-methylphenol	10.53	198	681188	89.123	nq	83
66) n-Nitrosodiphenylamine	10.60	169	3996629	84.037	nq	96
67) 4-Bromophenyl-phenylether	10.97	248	1728835	99.008	nq	97
68) Hexachlorobenzene	11.04	284	1892587	91.413	nq	95
69) Atrazine	11.12	200	543118	47.621	nq	98
70) Pentachlorophenol	11.22	266	1008156	176.440	nq	99
71) Phenanthrene	11.45	178	5708451	73.208	nq	95
72) Anthracene	11.50	178	5682793	73.122	nq	95
73) Carbazole	11.65	167	5220778	75.194	nq	96
74) Di-n-butylphthalate	11.98	149	5883611	65.519	nq	95
75) Fluoranthene	12.63	202	5726003	73.510	nq	93
77) Benzidine	12.75	184	1510338	78.417	nq	# 95
78) Pyrene	12.86	202	5764553	79.059	nq	94
80) Butylbenzylphthalate	13.47	149	2593612	79.463	nq	95
81) Benzo(a)anthracene	14.05	228	4581704	76.600	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	1535774	75.622	nq	98
83) Chrysene	14.09	228	4536148	79.124	nq	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	2961926	67.923	nq	# 96
85) Di-n-octyl phthalate	14.65	149	4669899	71.573	nq	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	6258834	116.178	nq	99
88) Benzo(b)fluoranthene	15.10	252	5127155	89.380	nq	98
89) Benzo(k)fluoranthene	15.13	252	4392161	84.527	nq	96
90) Benzo(a)pyrene	15.47	252	4571952	89.439	nq	96
91) Dibenzo(a,h)anthracene	17.05	278	4993919	107.591	nq	98
92) Benzo(g,h,i)perylene	17.48	276	5059311	112.043	nq	98

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

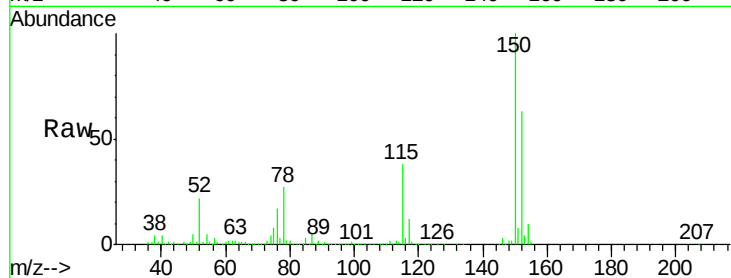


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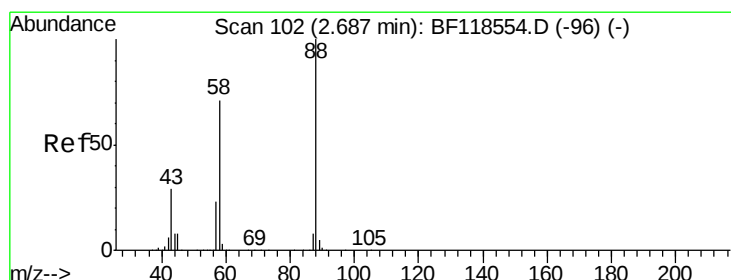
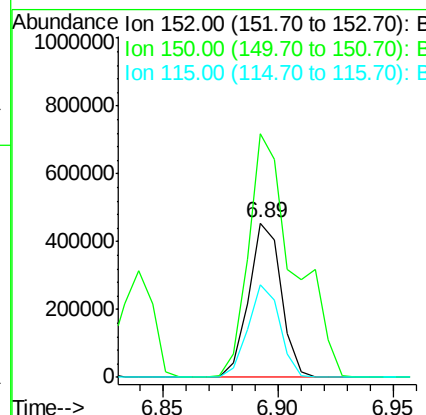
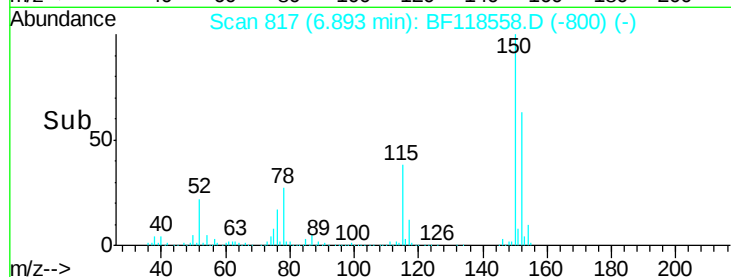
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 448710
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 60.3 45.8 68.6



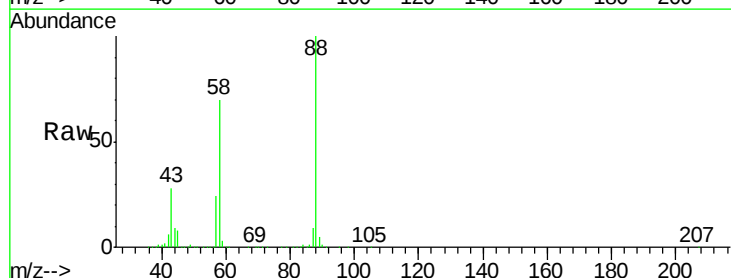
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



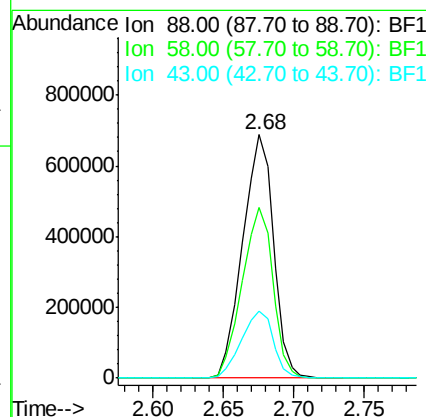
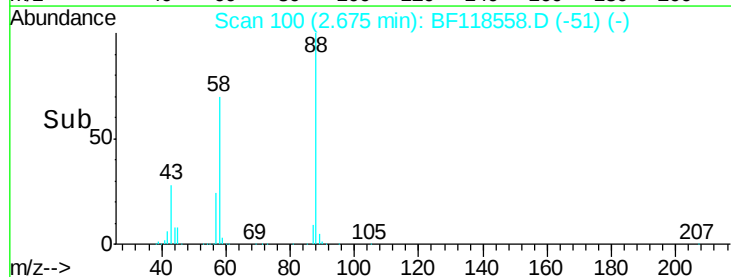
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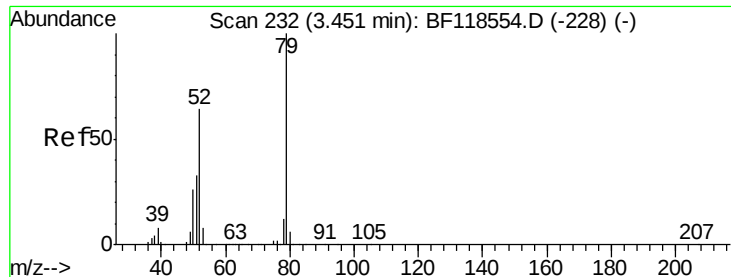
1,4-Dioxane
Concen: 98.573 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion: 88 Resp: 1051033
Ion Ratio Lower Upper
88 100
58 70.4 56.7 85.1
43 28.4 23.3 34.9



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: 103.276 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

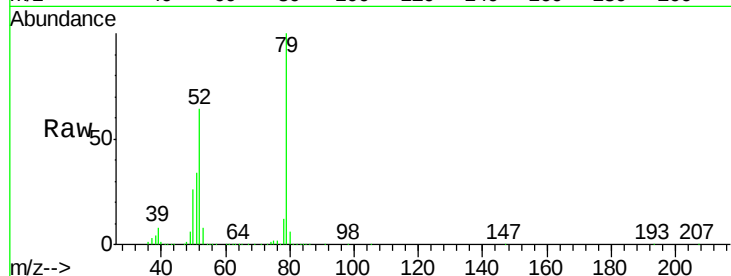
Tot Ion: 79 Resp: 2906101

Ion Ratio Lower Upper

79 100

52 63.7 51.3 76.9

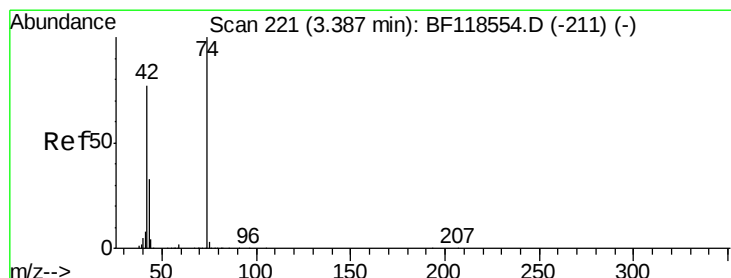
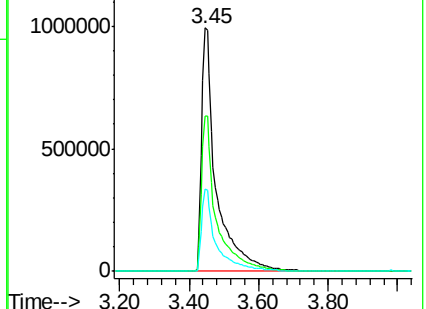
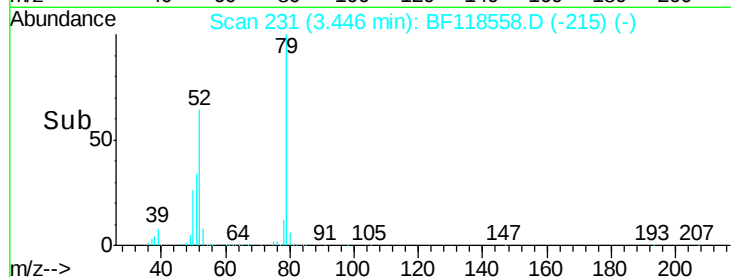
51 33.7 26.7 40.1



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: 137.317 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

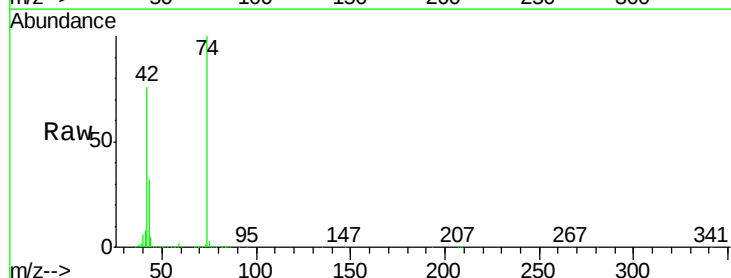
Tgt Ion: 42 Resp: 1340858

Ion Ratio Lower Upper

42 100

74 131.0 103.1 154.7

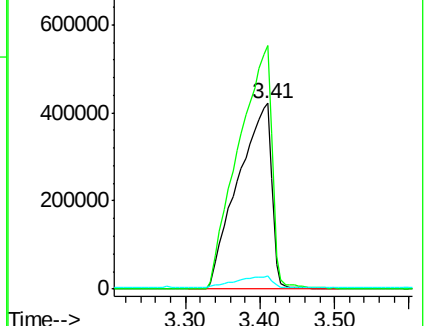
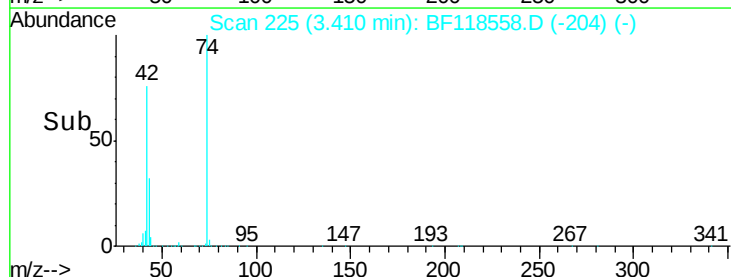
44 6.9 5.4 8.2

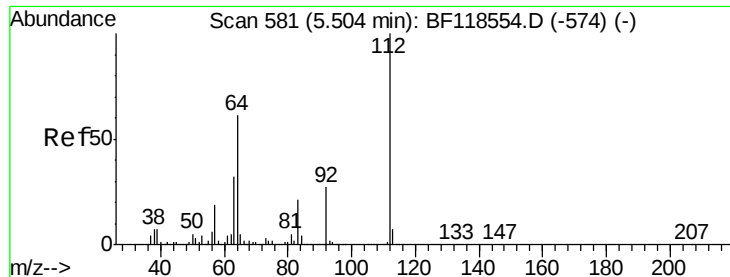


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 152.247 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

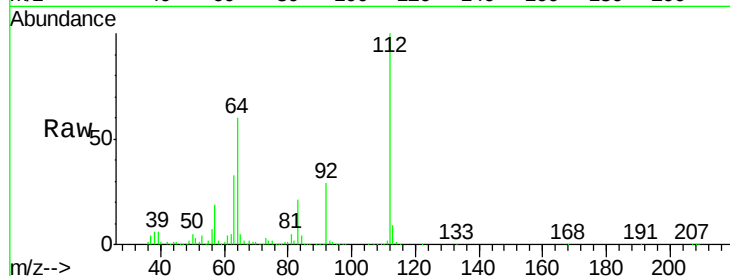
Tot Ion:112 Resp: 3990711

Ion Ratio Lower Upper

112 100

64 60.4 49.1 73.7

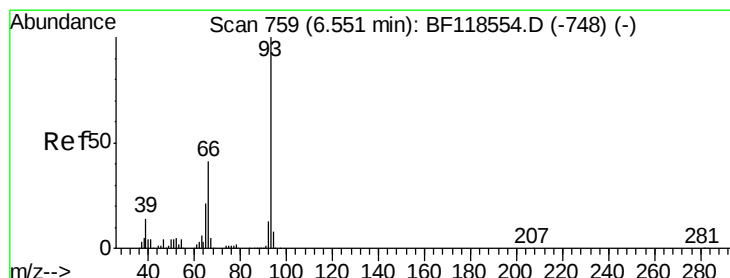
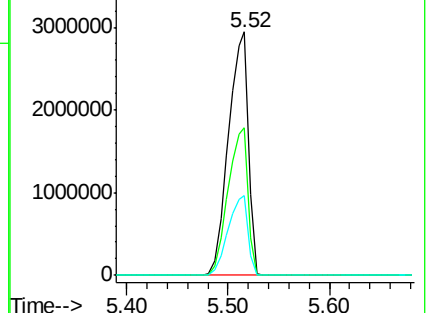
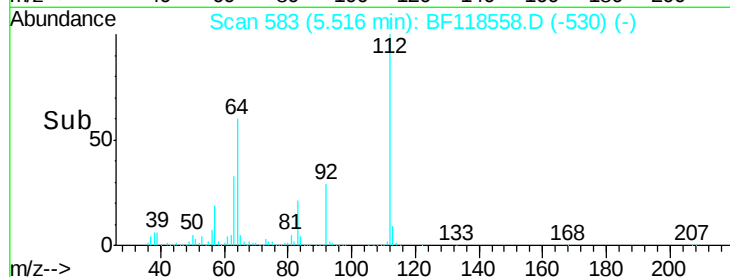
63 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 70.131 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

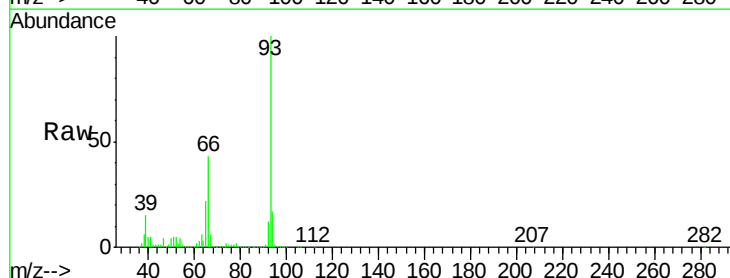
Tgt Ion: 93 Resp: 2790465

Ion Ratio Lower Upper

93 100

66 42.5 32.9 49.3

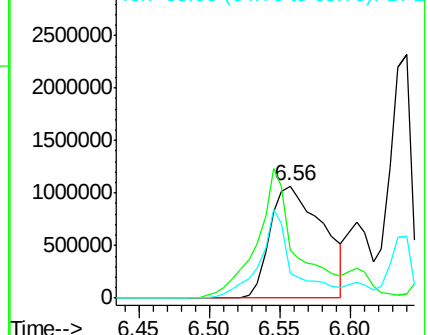
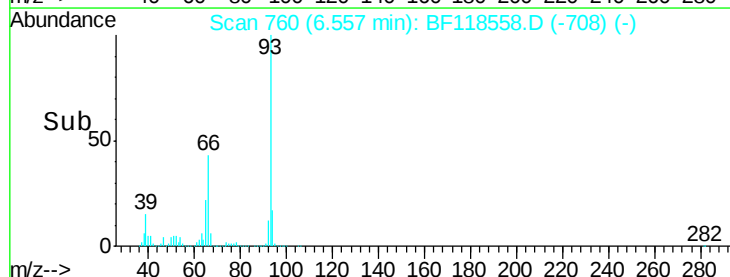
65 22.2 16.5 24.7

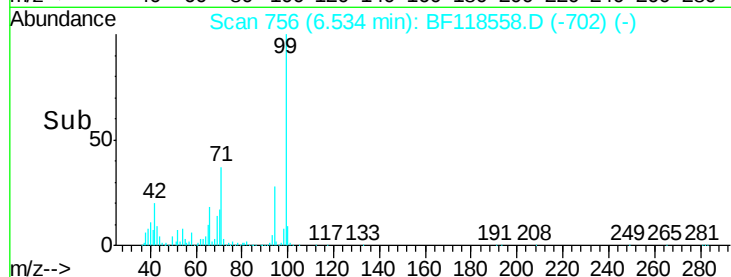
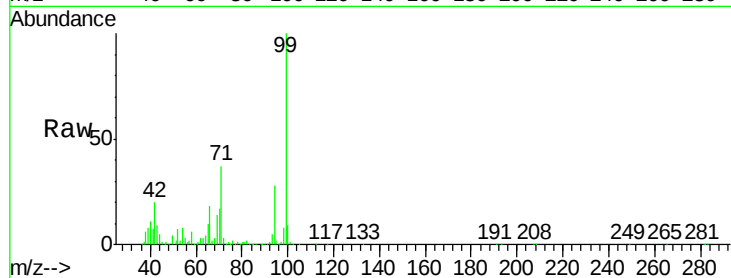
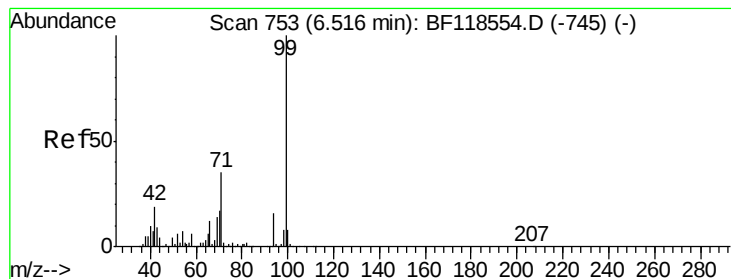


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 166.160 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

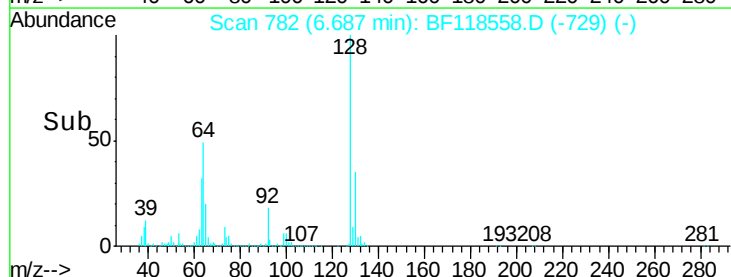
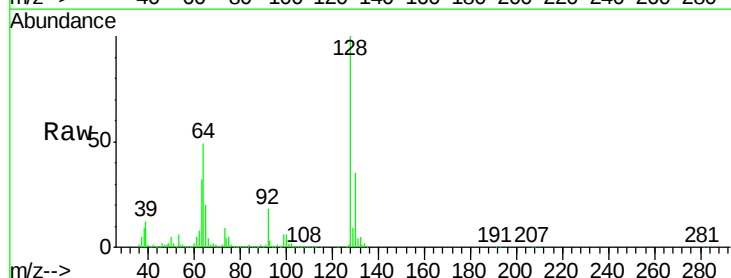
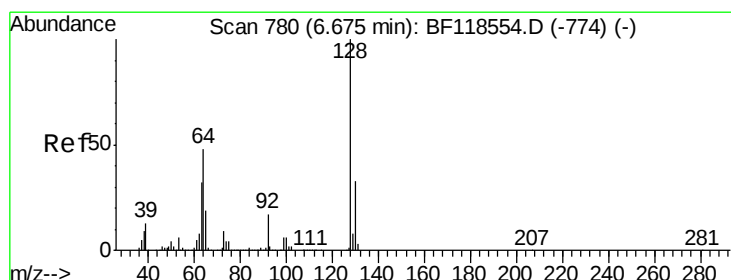
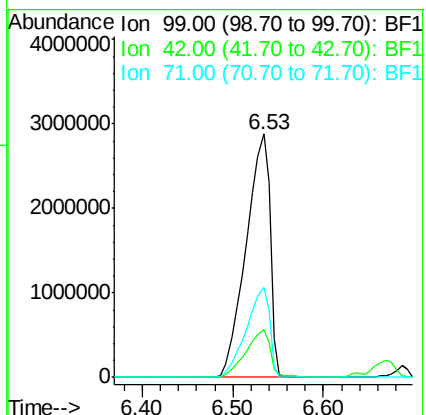
Tot Ion: 99 Resp: 5240050

Ion Ratio Lower Upper

99 100

42 19.5 14.9 22.3

71 37.1 28.3 42.5



#8

2-Chlorophenol

Concen: 79.267 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

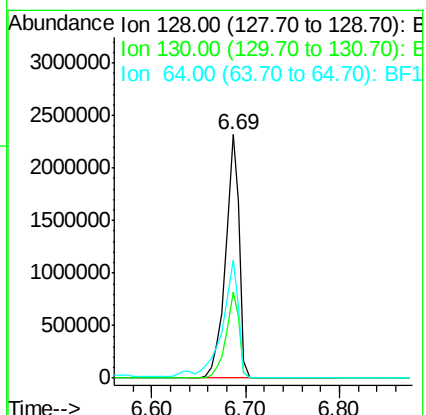
Tgt Ion:128 Resp: 2329001

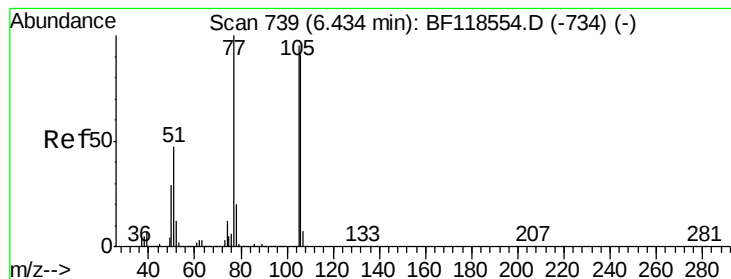
Ion Ratio Lower Upper

128 100

130 35.2 13.2 53.2

64 48.6 28.9 68.9





#9

Benzaldehyde

Concen: 70.317 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampled :

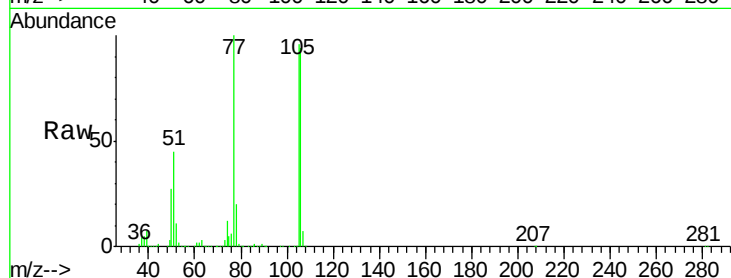
Tot Ion: 77 Resp: 1032740

Ion Ratio Lower Upper

77 100

105 95.7 75.2 115.2

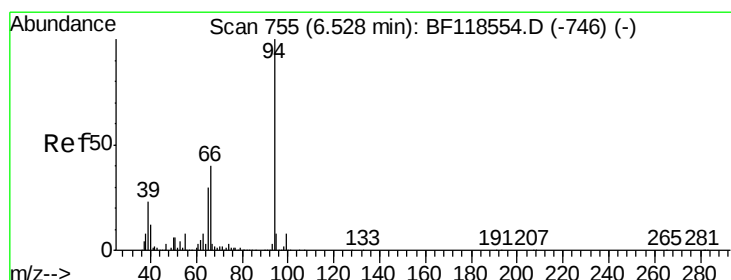
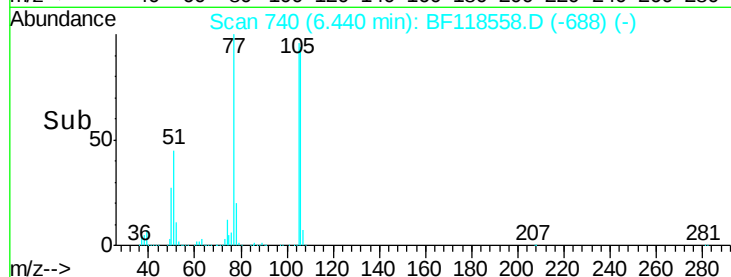
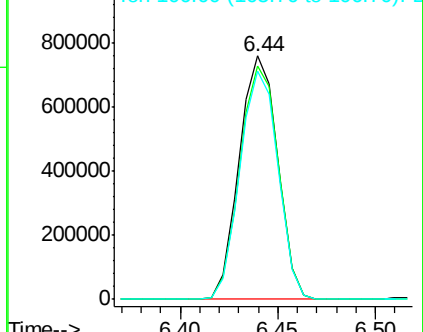
106 93.7 71.4 111.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 84.067 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

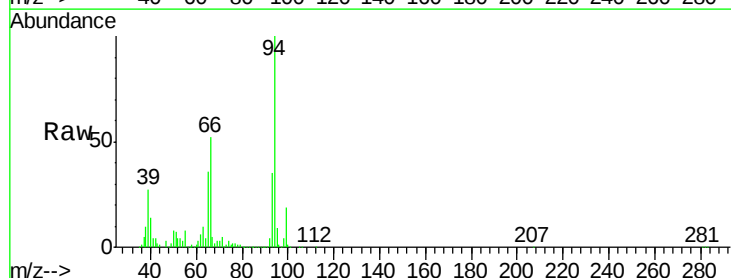
Tgt Ion: 94 Resp: 2980988

Ion Ratio Lower Upper

94 100

65 35.6 9.8 49.8

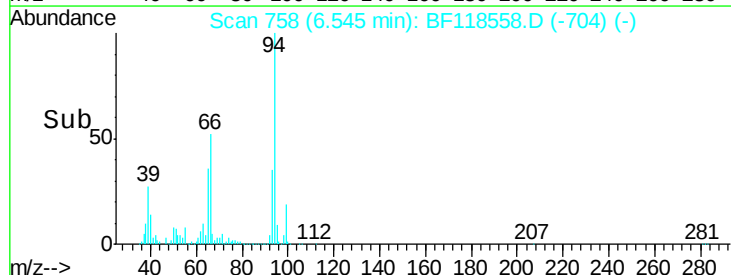
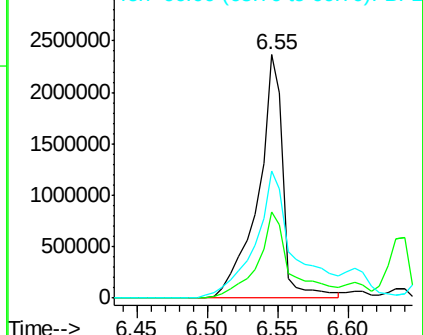
66 52.0 19.5 59.5

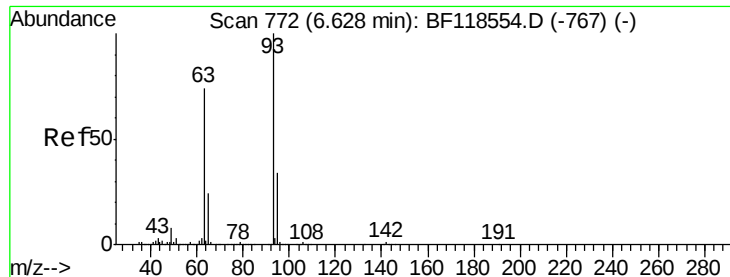


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

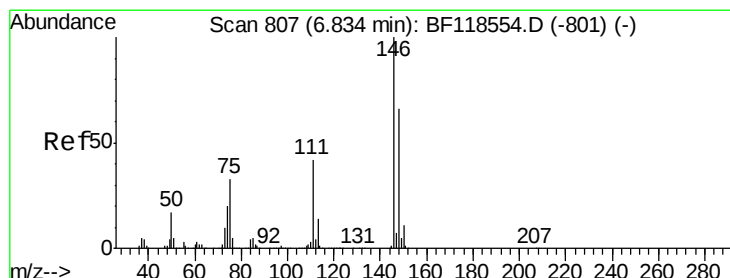
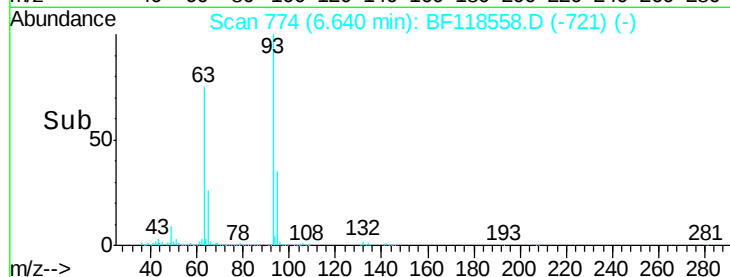
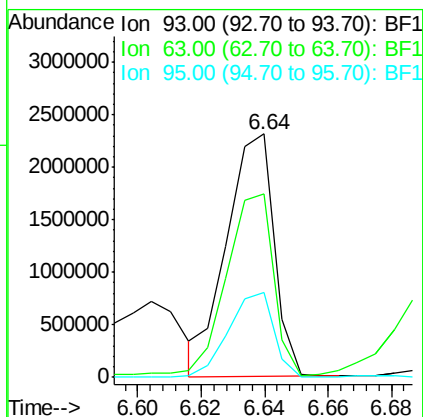
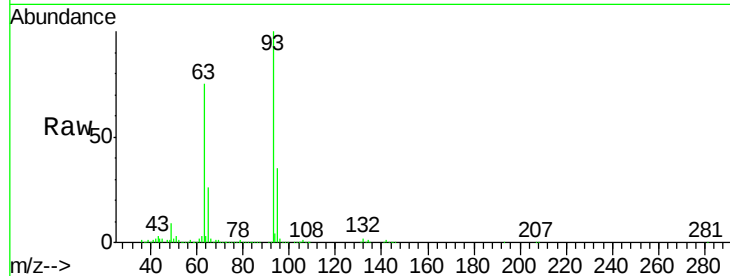




#11
bis(2-Chloroethyl)ether
Concen: 89.144 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

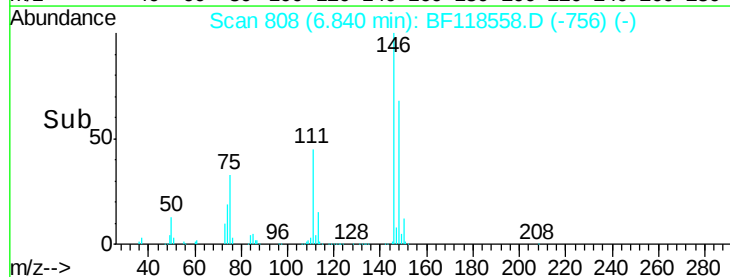
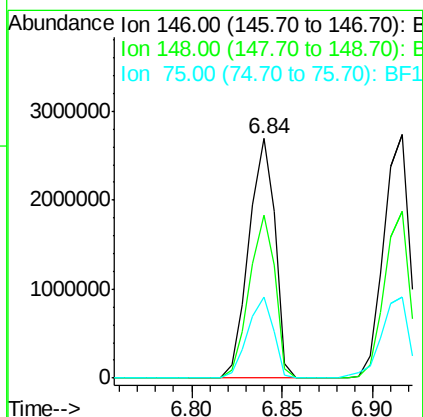
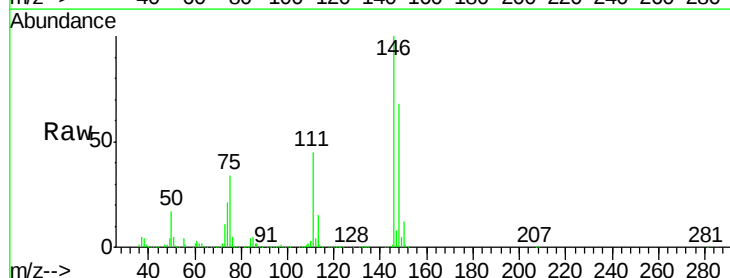
Instrument :
BNA_F
ClientSampleId :

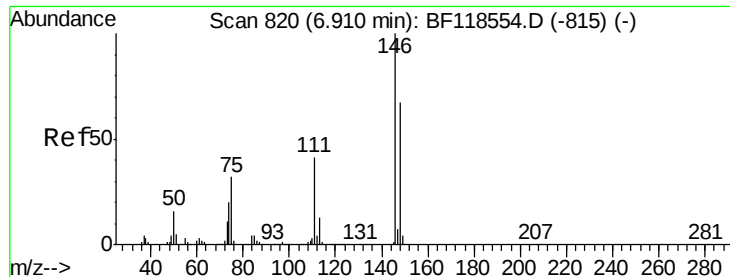
Tot Ion: 93 Resp: 2376541
Ion Ratio Lower Upper
93 100
63 75.3 54.0 94.0
95 35.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 79.398 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion: 146 Resp: 2703819
Ion Ratio Lower Upper
146 100
148 67.8 53.0 79.6
75 34.0 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 78.523 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

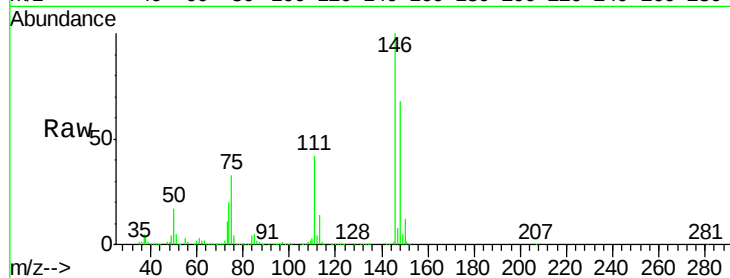
Tot Ion:146 Resp: 2679432

Ion Ratio Lower Upper

146 100

148 68.3 53.4 80.2

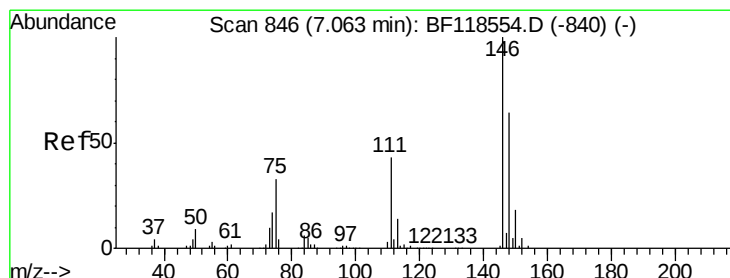
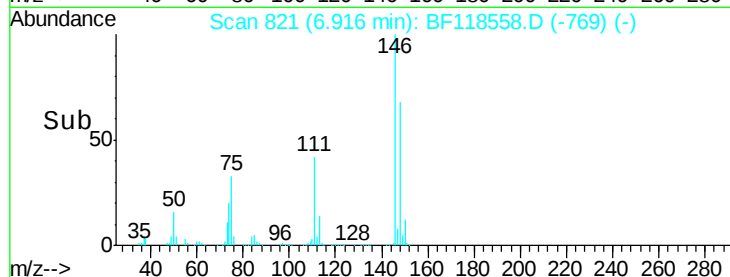
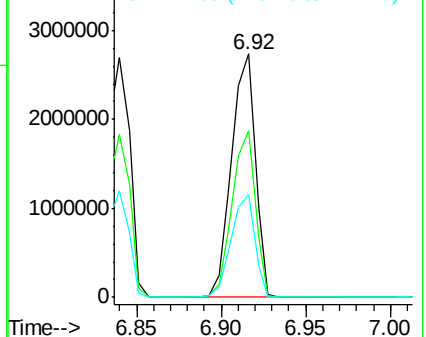
111 42.4 32.6 48.8



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: 75.032 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

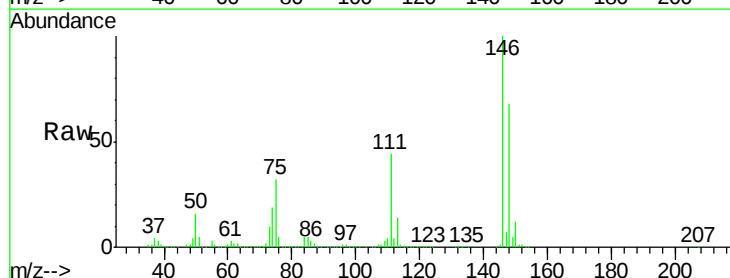
Tgt Ion:146 Resp: 2372009

Ion Ratio Lower Upper

146 100

148 67.9 51.2 76.8

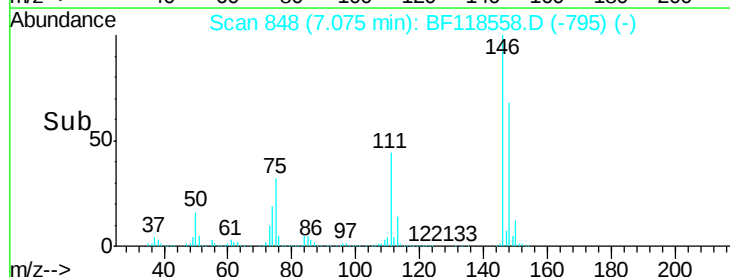
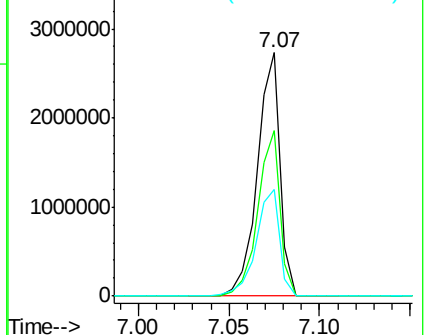
111 44.1 34.6 52.0

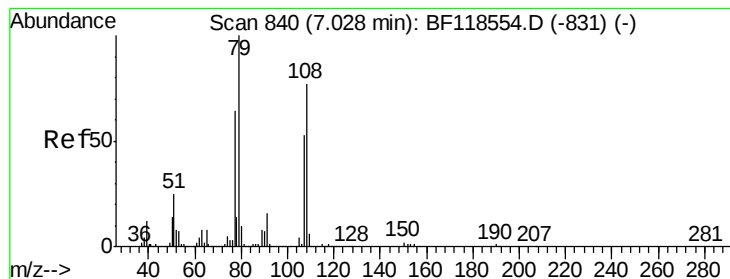


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 94.341 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

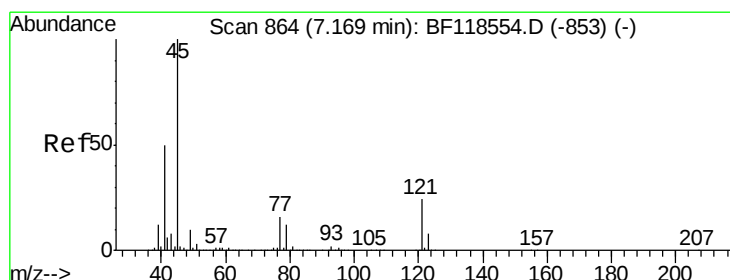
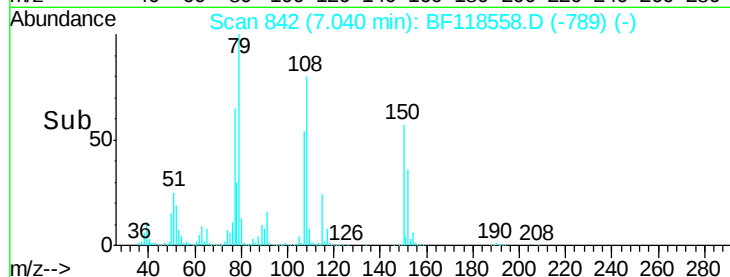
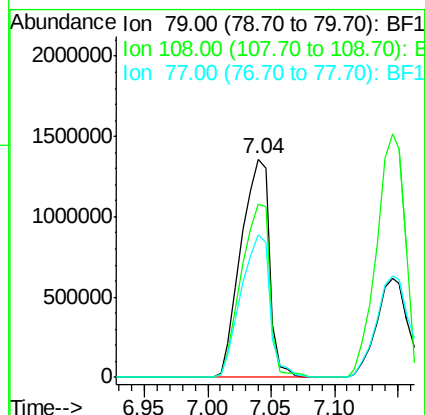
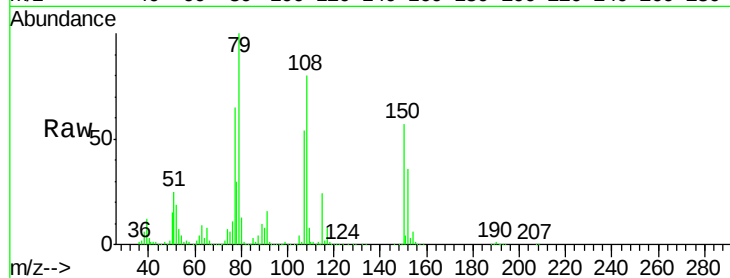
Tot Ion: 79 Resp: 2120497

Ion Ratio Lower Upper

79 100

108 79.5 61.9 92.9

77 65.3 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 121.305 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

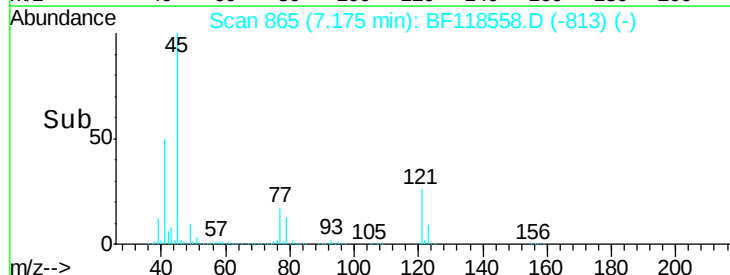
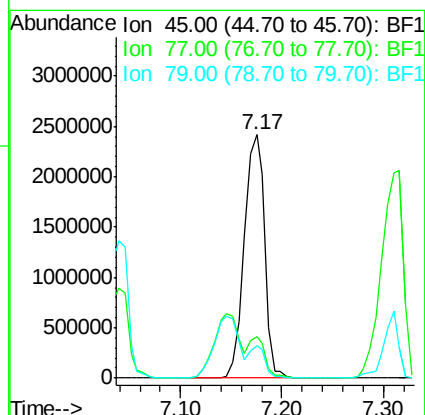
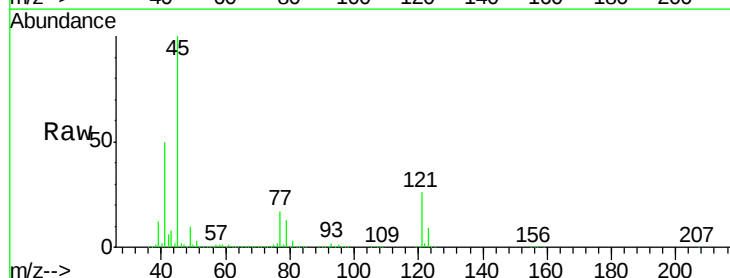
Tgt Ion: 45 Resp: 3348653

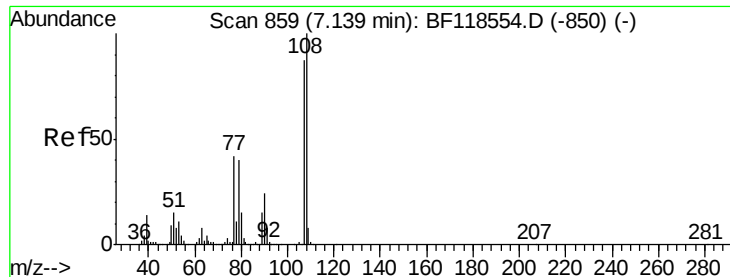
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.8

79 13.2 0.0 32.2

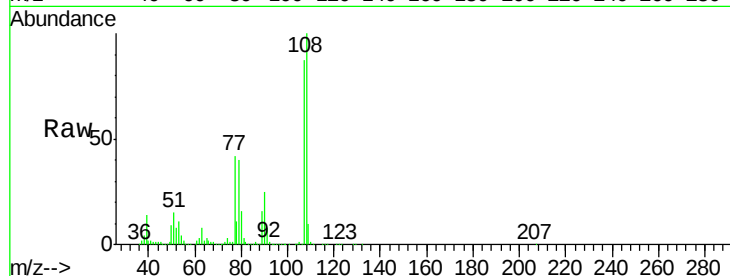




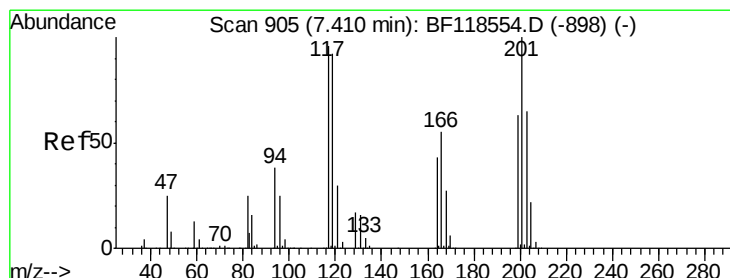
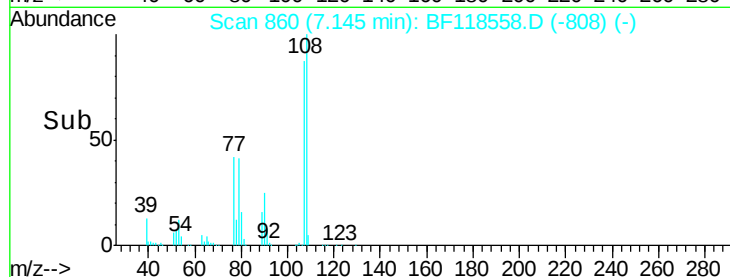
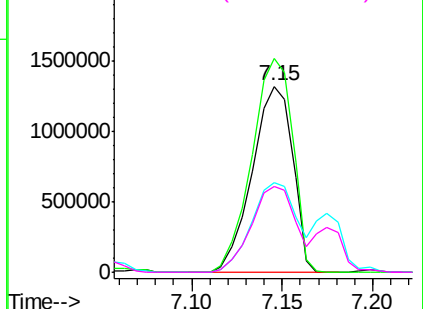
#17
2-Methylphenol
Concen: 89.361 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 2048719
Ion Ratio Lower Upper
107 100
108 114.8 92.3 138.5
77 48.0 38.6 57.8
79 46.4 37.0 55.6

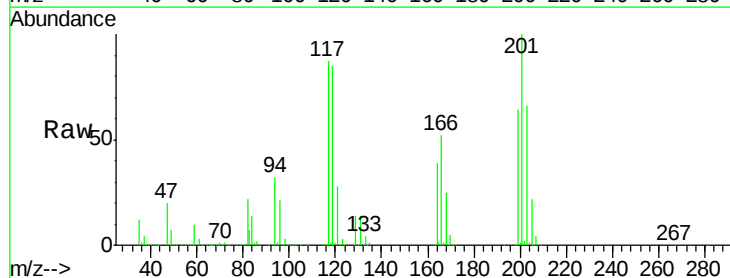


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

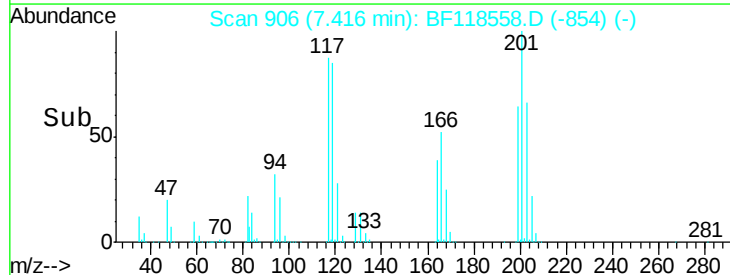
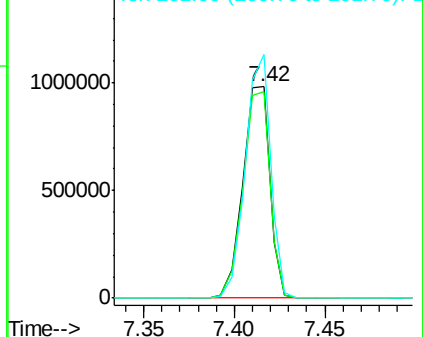


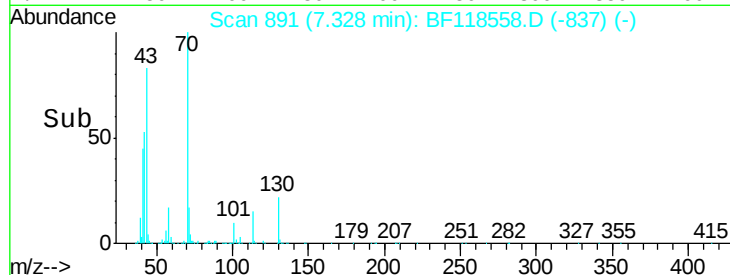
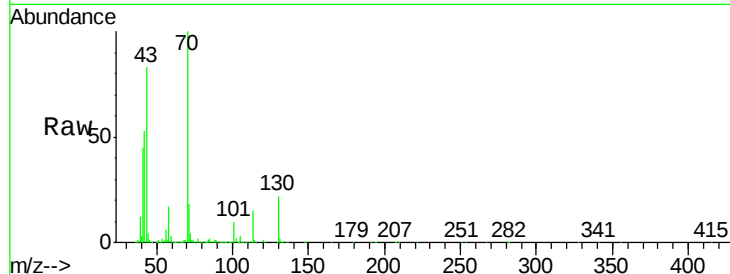
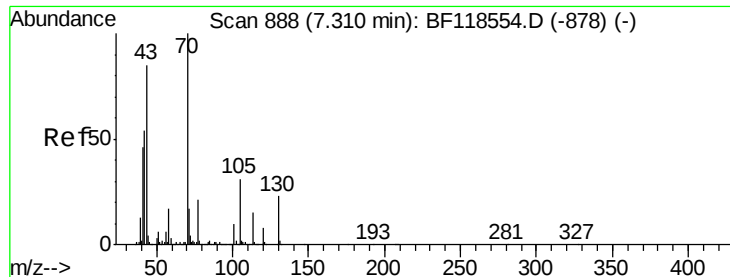
#18
Hexachloroethane
Concen: 84.078 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:117 Resp: 1018021
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3
201 115.3 83.6 125.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

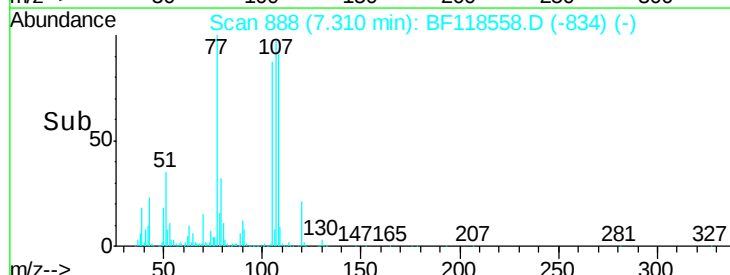
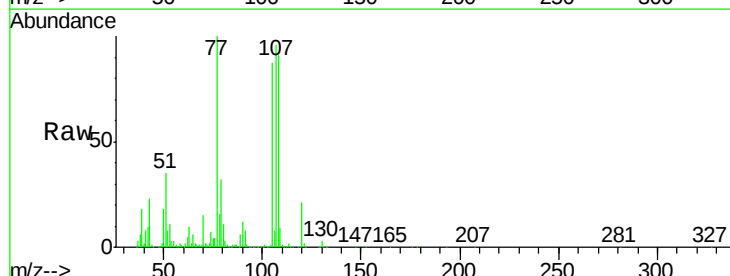
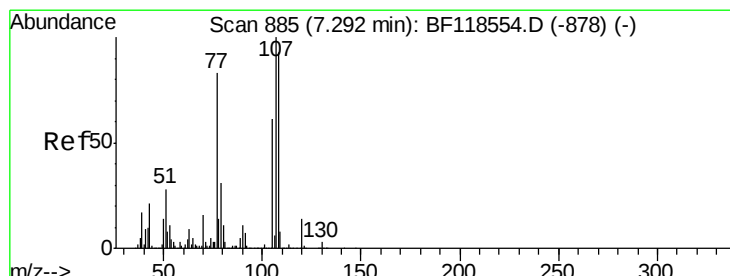
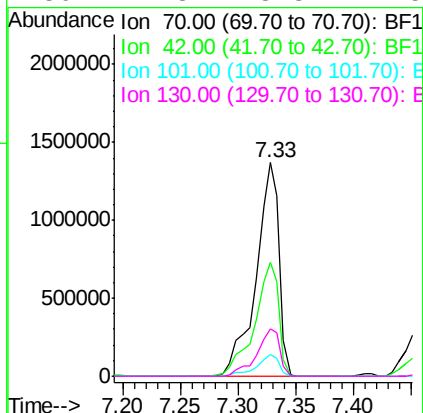




#19
n-Nitroso-di-n-propylamine
Concen: 104.592 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

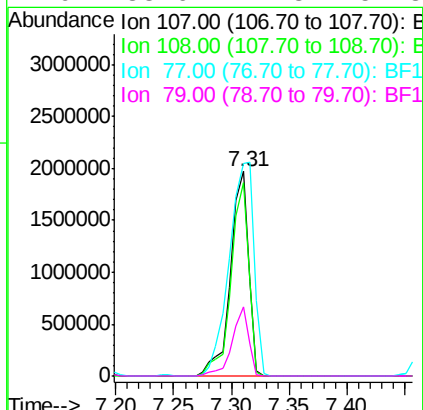
Instrument :
BNA_F
ClientSampleId :

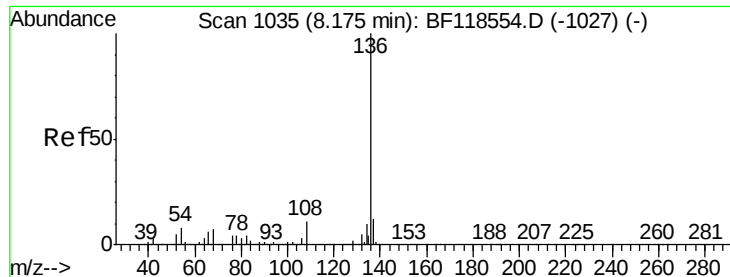
Tot Ion: 70 Resp: 1908074
Ion Ratio Lower Upper
70 100
42 53.2 43.6 65.4
101 9.9 7.7 11.5
130 22.3 18.3 27.5



#20
3+4-Methylphenols
Concen: 72.065 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:107 Resp: 2150917
Ion Ratio Lower Upper
107 100
108 94.6 72.6 112.6
77 103.6 63.0 103.0#
79 33.6 11.3 51.3

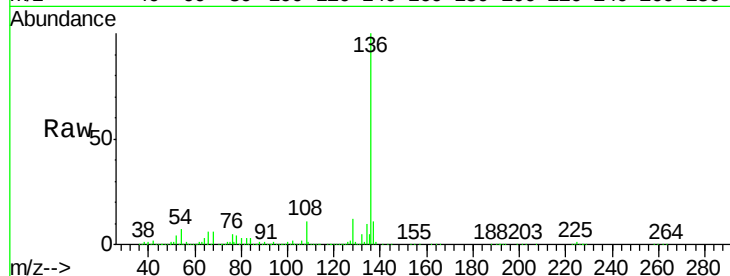




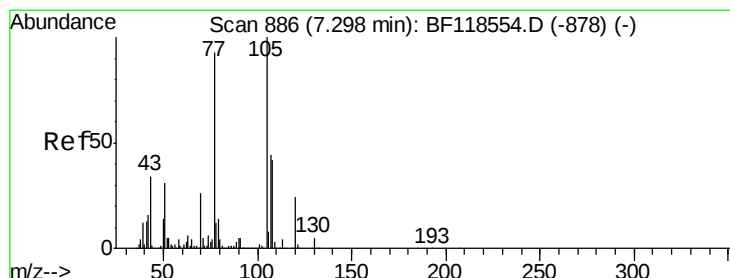
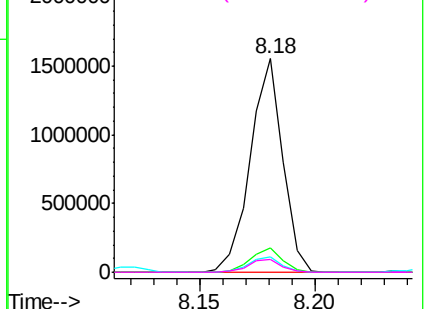
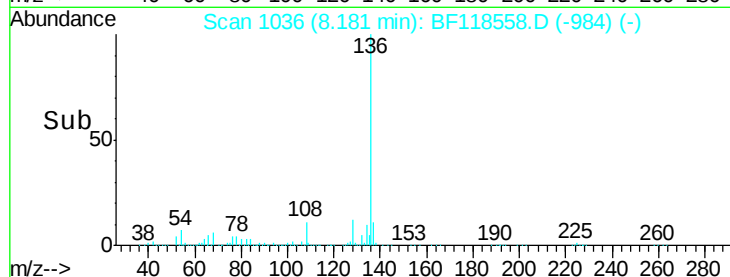
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1522725
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 7.3 6.2 9.2
68 6.0 5.4 8.0

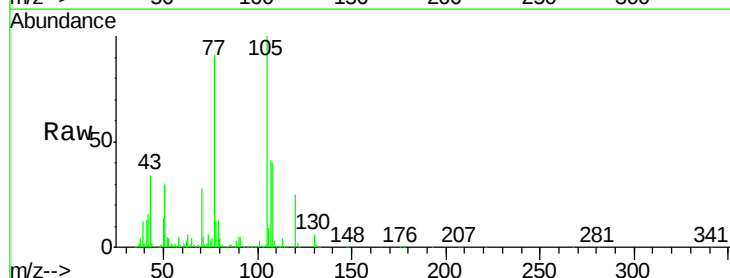


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

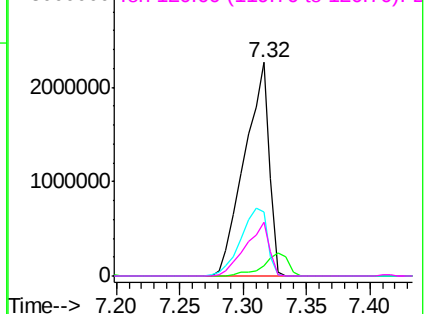
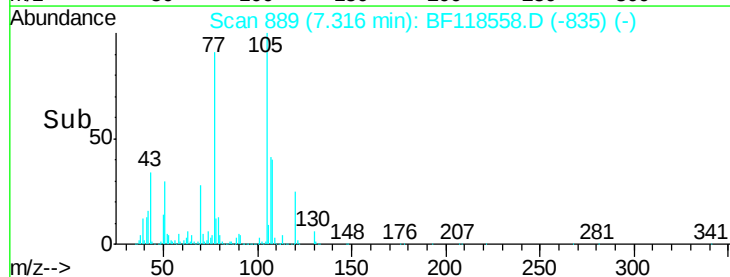


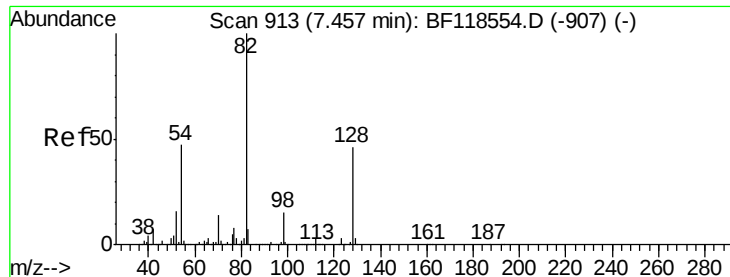
#22
Acetophenone
Concen: 86.826 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:105 Resp: 3067208
Ion Ratio Lower Upper
105 100
71 4.7 3.8 5.6
51 30.1 24.9 37.3
120 25.0 19.2 28.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 197.878 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

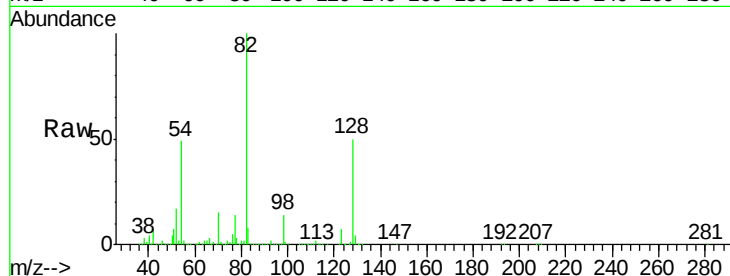
Tot Ion: 82 Resp: 4920418

Ion Ratio Lower Upper

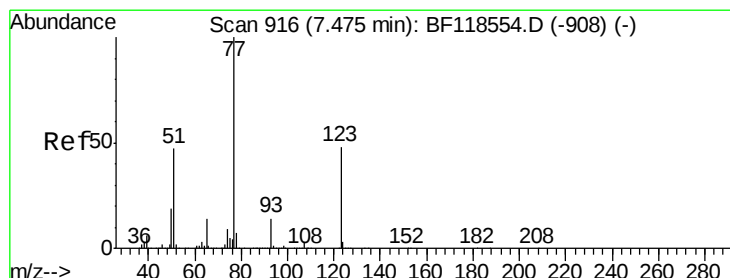
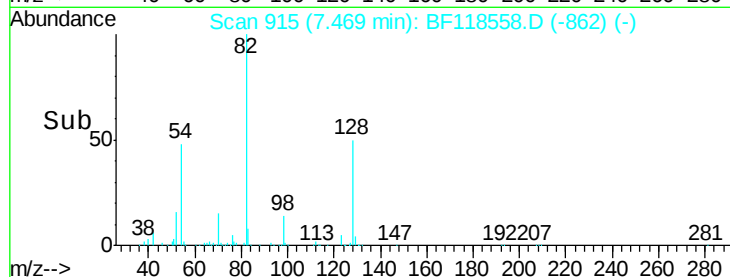
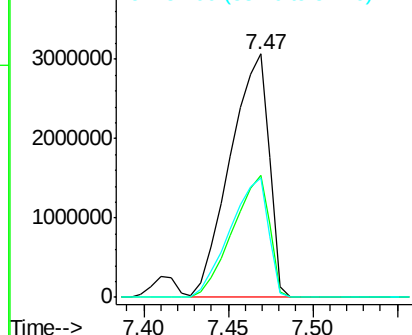
82 100

128 50.4 37.0 55.4

54 49.1 37.4 56.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 102.602 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

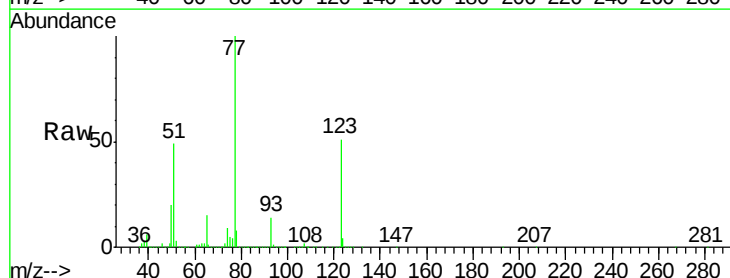
Tgt Ion: 77 Resp: 2535939

Ion Ratio Lower Upper

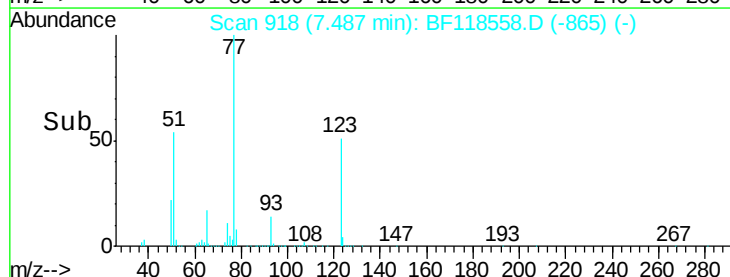
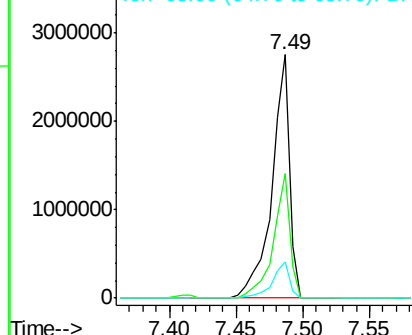
77 100

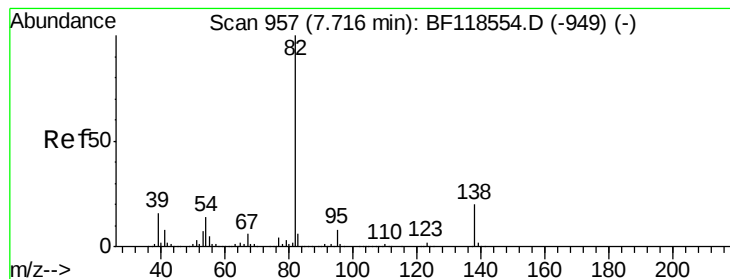
123 51.1 38.2 57.2

65 14.7 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 108.199 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

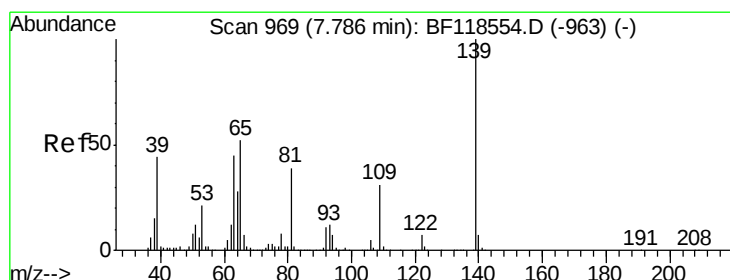
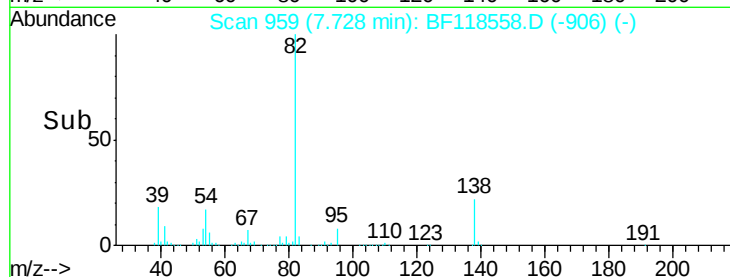
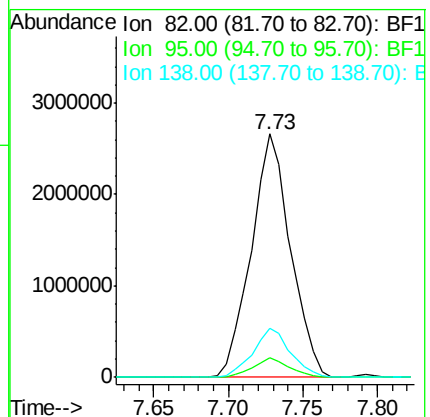
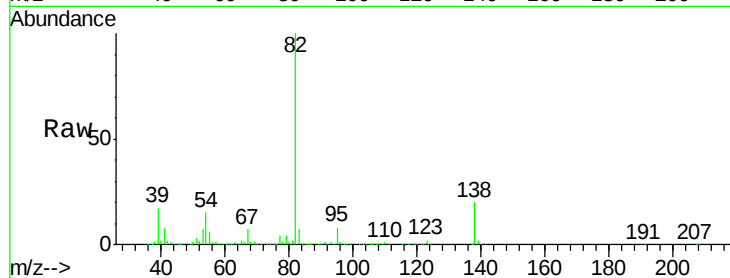
Tot Ion: 82 Resp: 4848240

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 20.1 15.8 23.8



#26

2-Nitrophenol

Concen: 84.051 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

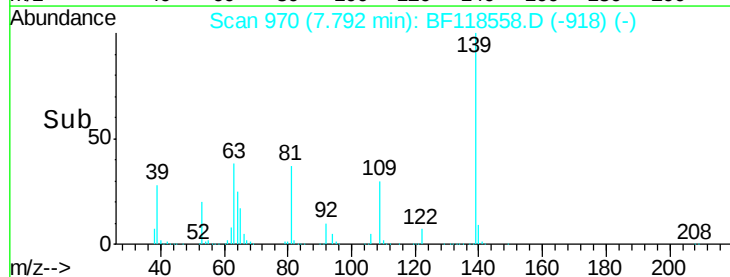
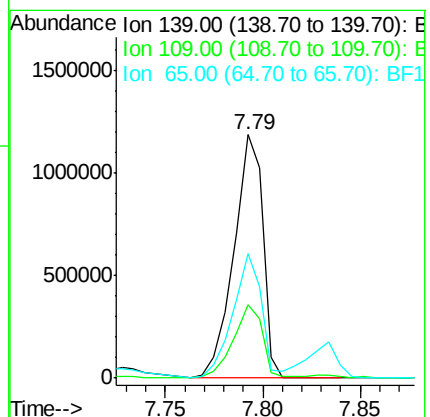
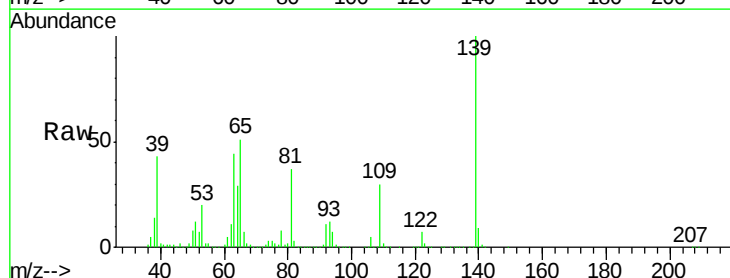
Tgt Ion: 139 Resp: 1218915

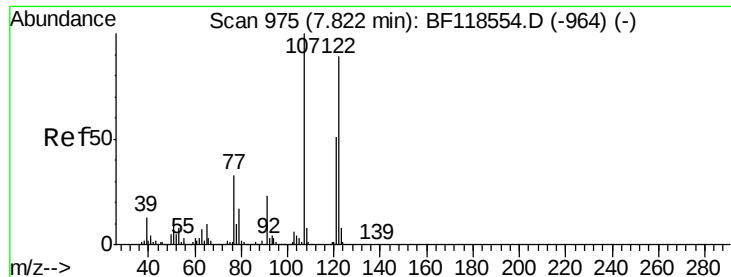
Ion Ratio Lower Upper

139 100

109 30.0 24.6 36.8

65 51.0 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 102.779 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

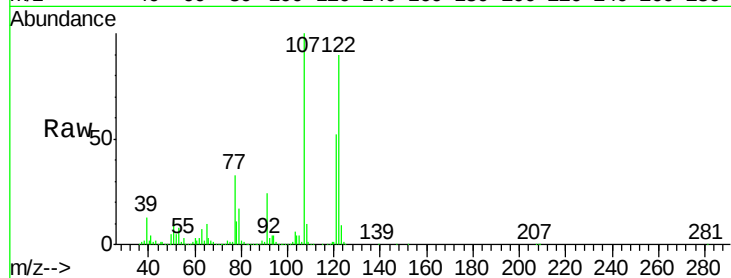
Tot Ion:122 Resp: 1989635

Ion Ratio Lower Upper

122 100

107 110.8 89.6 134.4

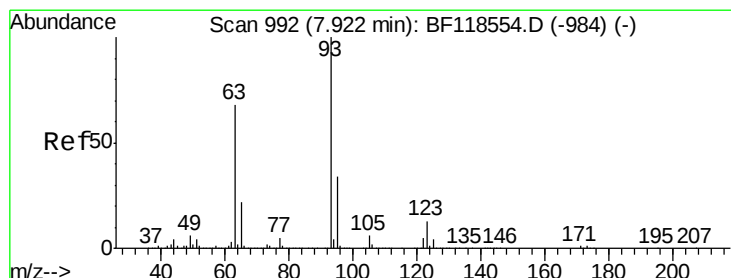
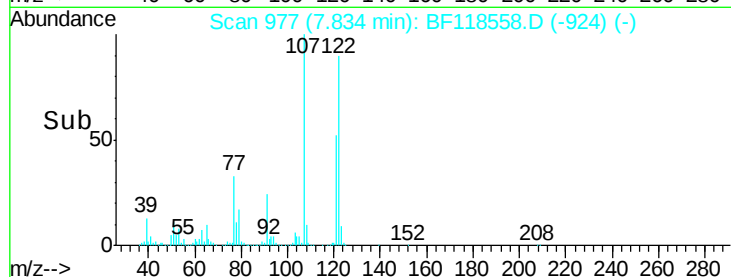
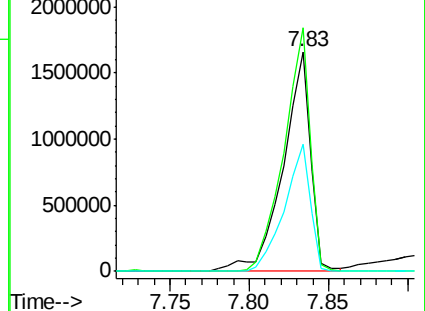
121 58.0 45.9 68.9



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: 97.123 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

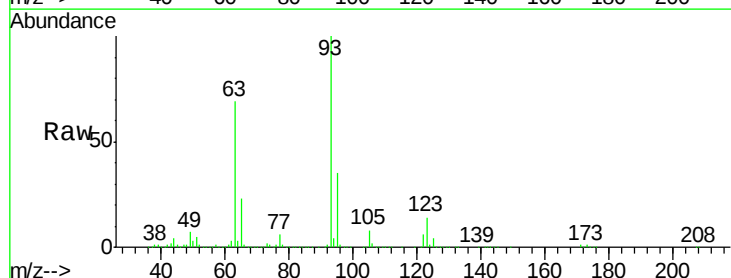
Tgt Ion: 93 Resp: 3000054

Ion Ratio Lower Upper

93 100

95 35.2 27.3 40.9

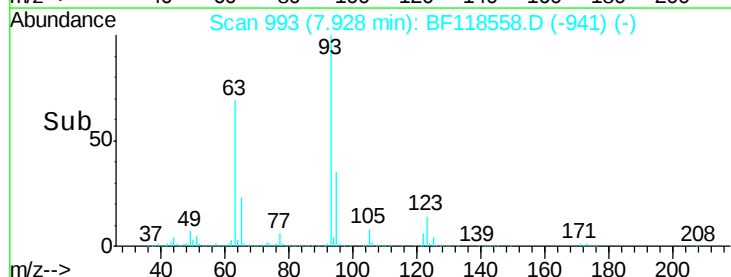
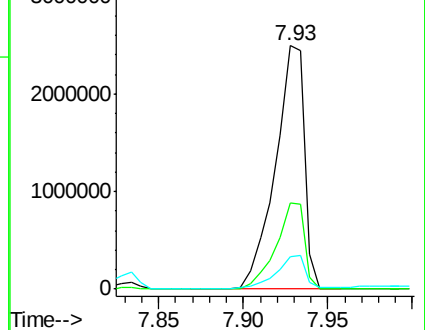
123 13.5 10.2 15.4

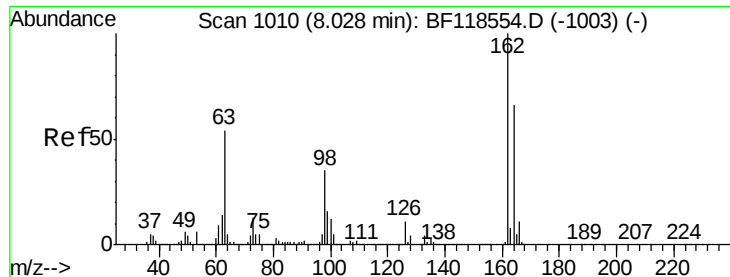


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

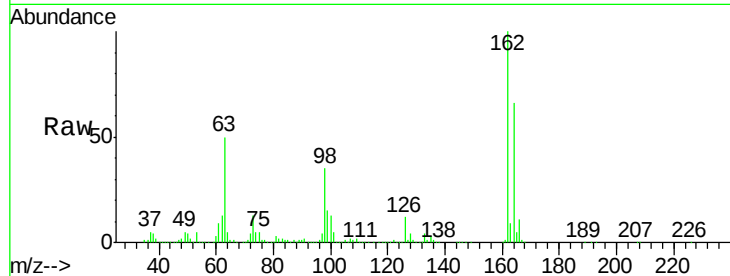




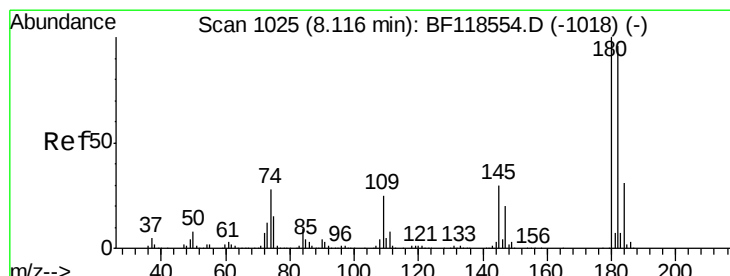
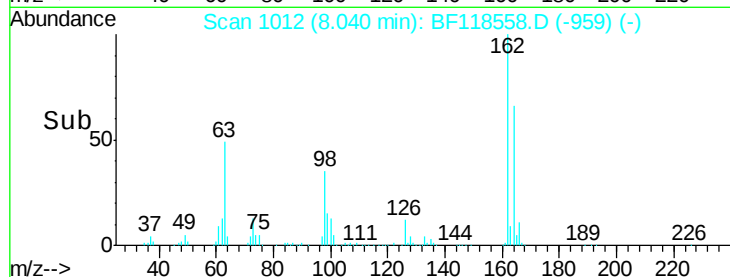
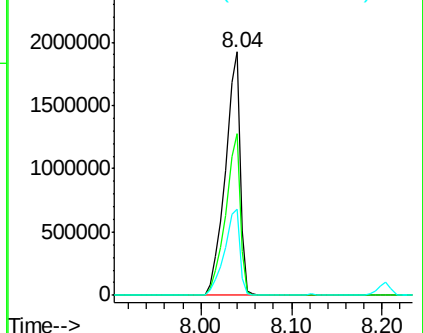
#29
2,4-Dichlorophenol
Concen: 96.486 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 2172766
Ion Ratio Lower Upper
162 100
164 66.3 45.6 85.6
98 35.2 15.4 55.4

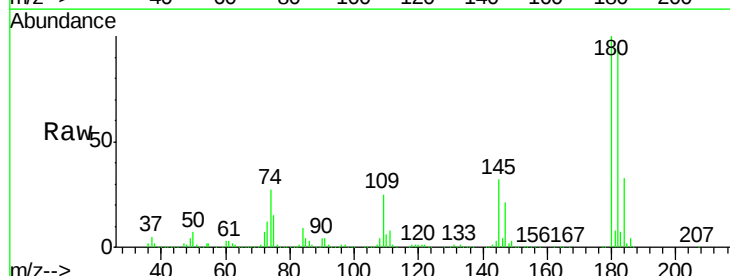


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

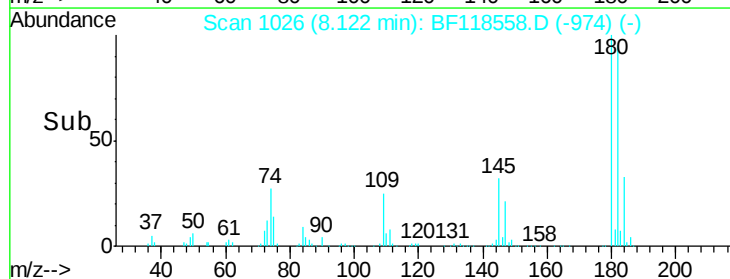
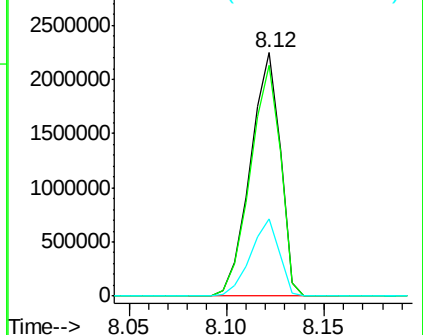


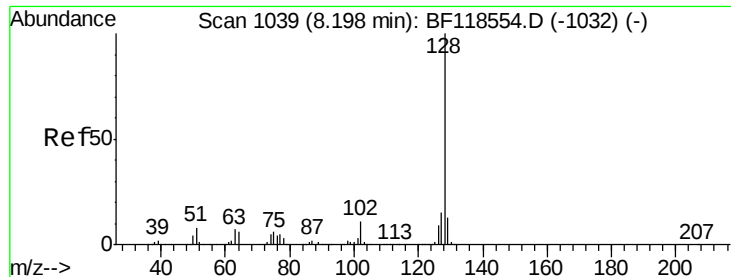
#30
1,2,4-Trichlorobenzene
Concen: 93.182 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:180 Resp: 2388405
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 31.7 24.2 36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

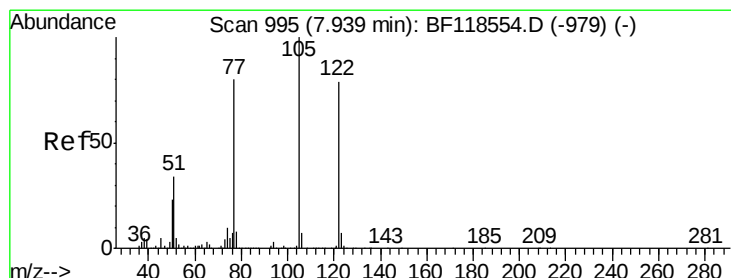
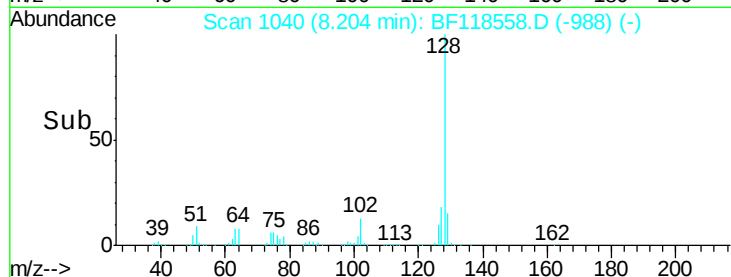
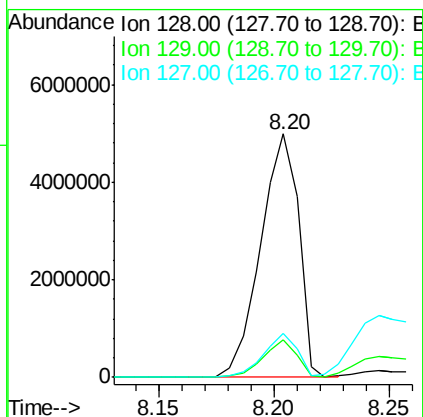
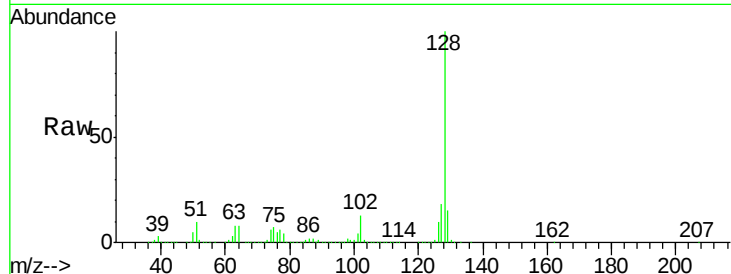




#31
Naphthalene
Concen: 74.611 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

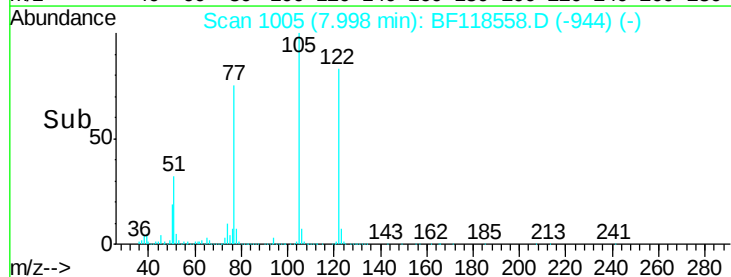
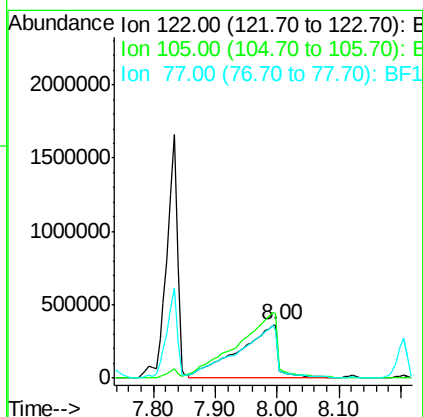
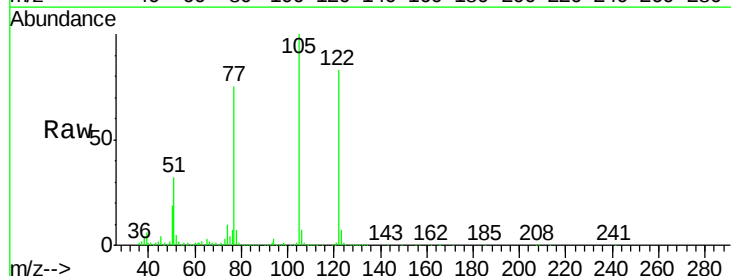
Instrument :
BNA_F
ClientSampleId :

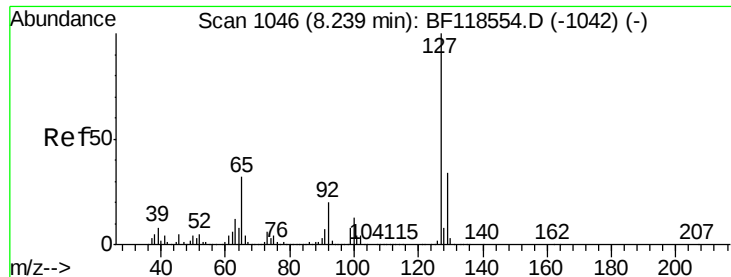
Tot Ion:128 Resp: 5699513
Ion Ratio Lower Upper
128 100
129 15.3 10.3 15.5
127 18.0 12.1 18.1



#32
Benzoic acid
Concen: 115.951 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.06 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:122 Resp: 1620791
Ion Ratio Lower Upper
122 100
105 120.9 105.0 145.0
77 90.7 80.7 120.7

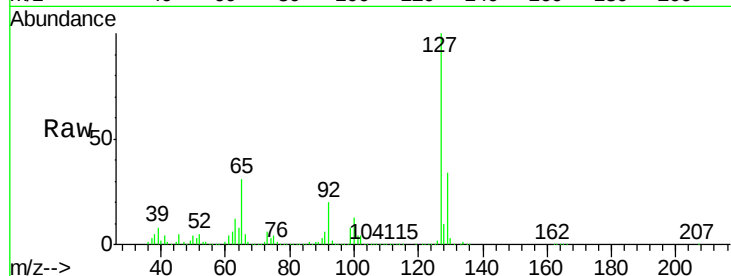




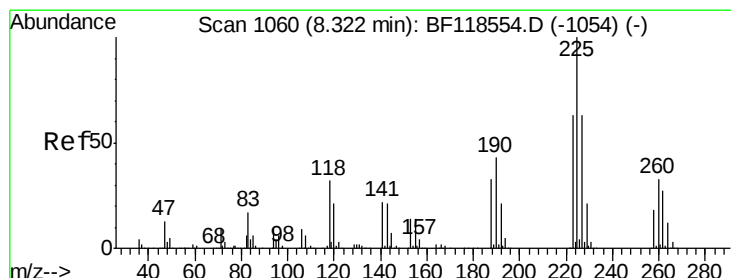
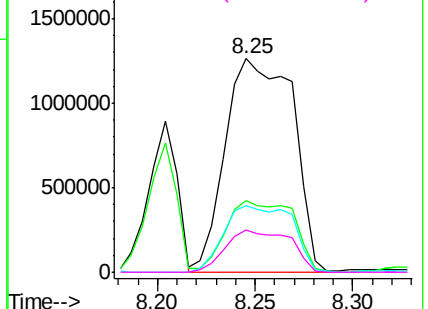
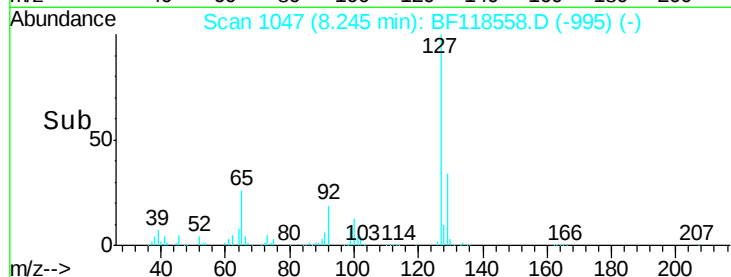
#33
4-Chloroaniline
Concen: 93.221 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 3030119
Ion Ratio	Lower Upper
127 100	
129 33.6	27.0 40.4
65 31.2	25.8 38.8
92 19.5	15.8 23.8

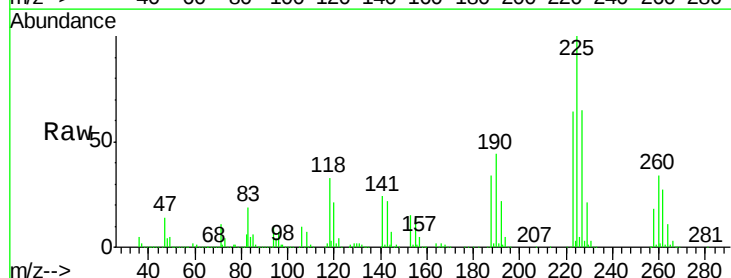


Abundance Ion 127.00 (126.70 to 127.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

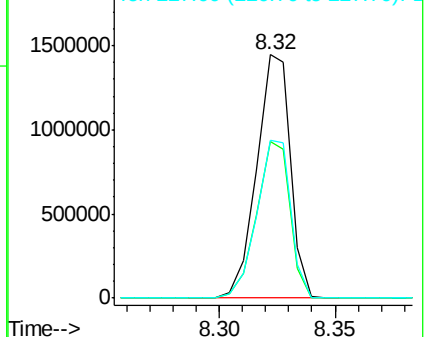
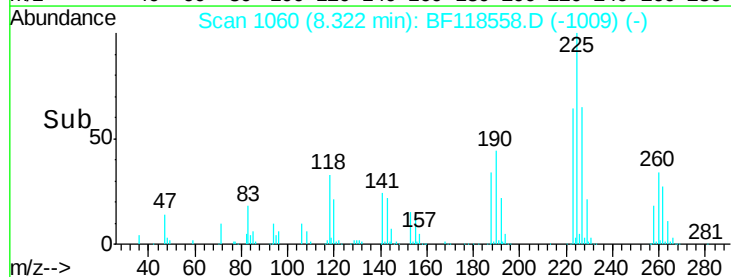


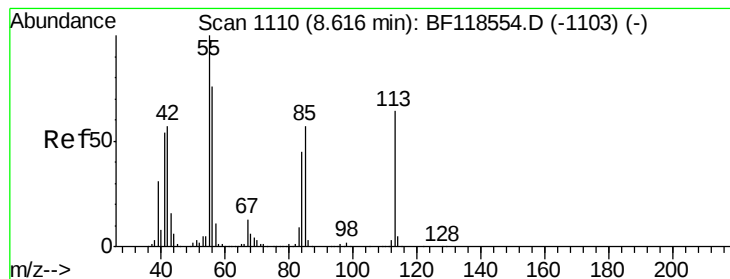
#34
Hexachlorobutadiene
Concen: 97.859 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt	Ion:225	Resp: 1473614	
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.7	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
2000000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 80.808 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.04 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

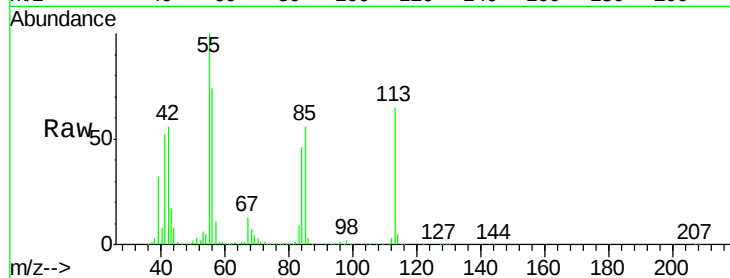
Tot Ion:113 Resp: 560788

Ion Ratio Lower Upper

113 100

55 154.8 137.3 177.3

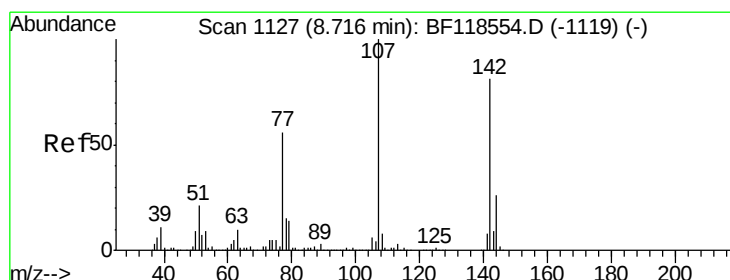
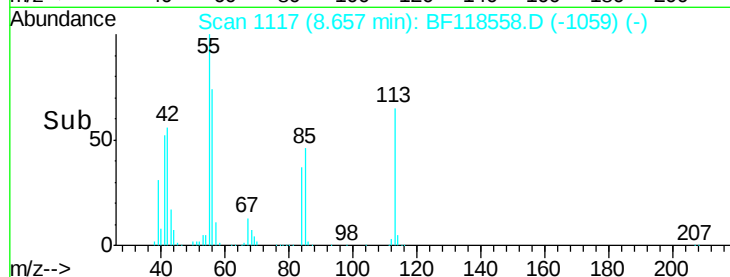
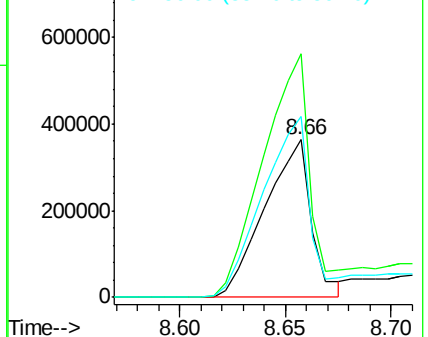
56 115.0 99.7 139.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 90.002 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

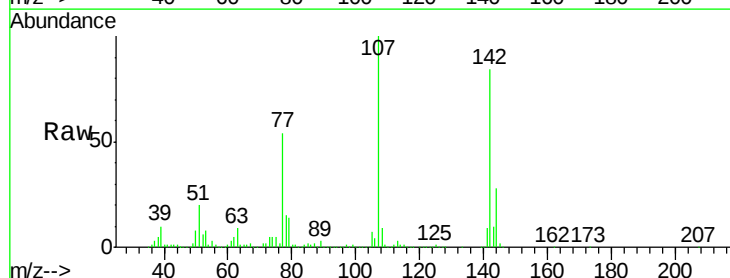
Tgt Ion:107 Resp: 2091779

Ion Ratio Lower Upper

107 100

144 28.2 21.2 31.8

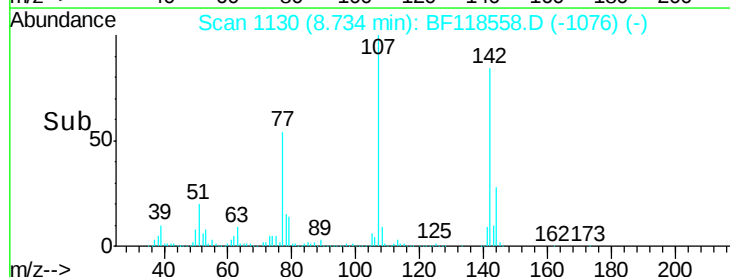
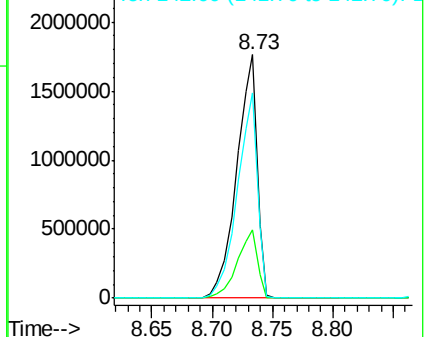
142 84.2 64.4 96.6

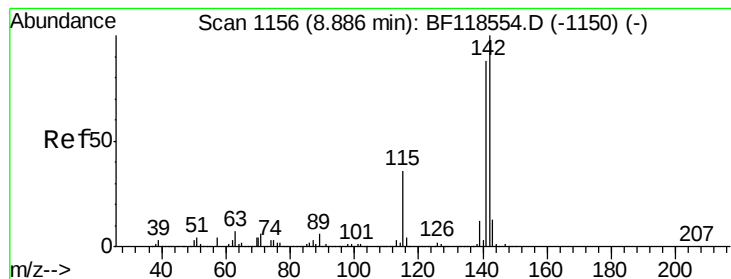


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 80.575 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

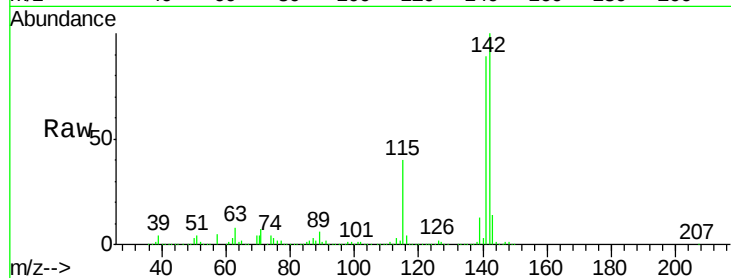
Tot Ion:142 Resp: 4114675

Ion Ratio Lower Upper

142 100

141 89.3 70.6 106.0

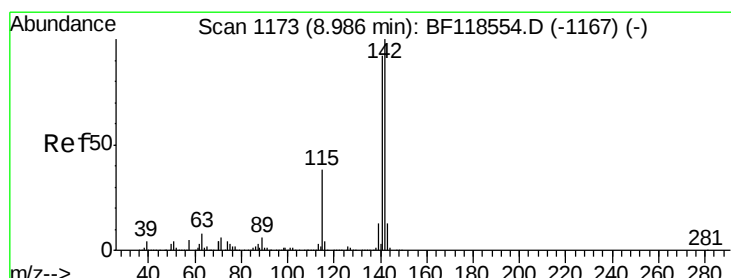
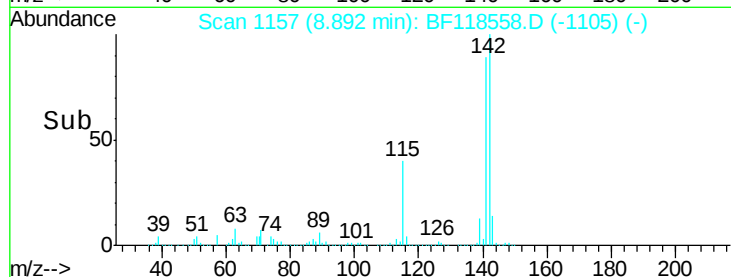
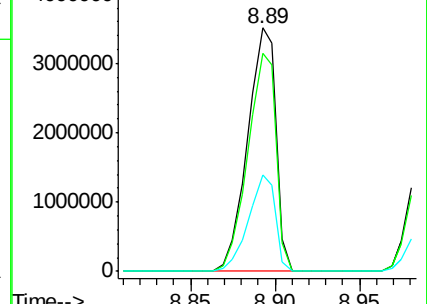
115 39.5 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 80.991 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

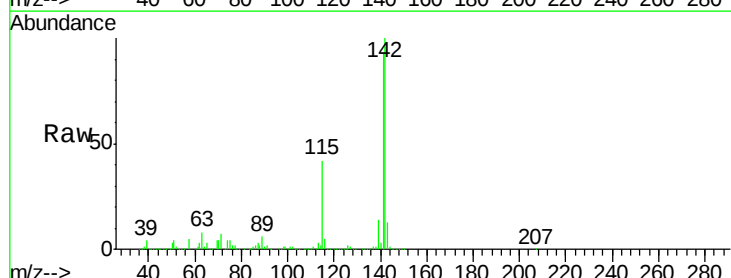
Tgt Ion:142 Resp: 3921717

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.6

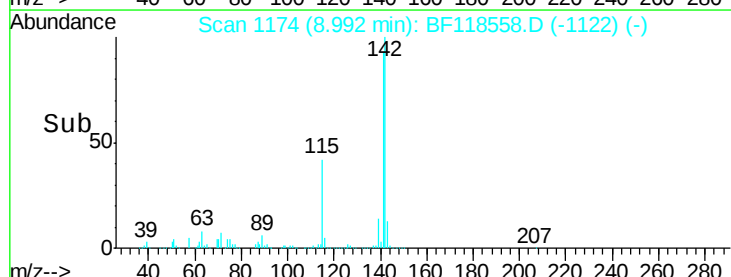
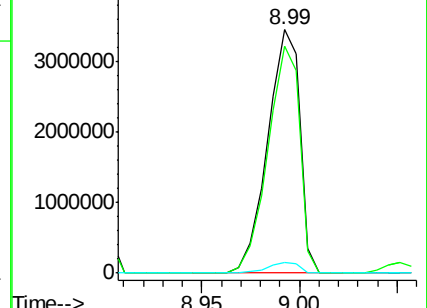
116 4.6 3.3 4.9

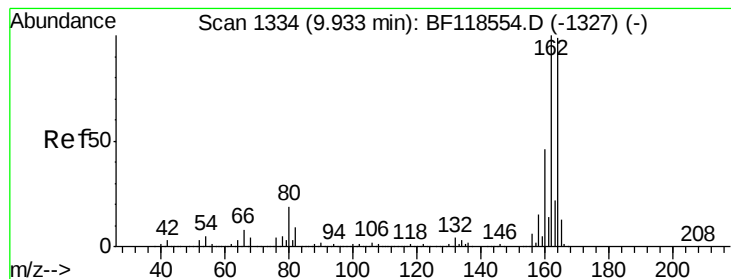


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

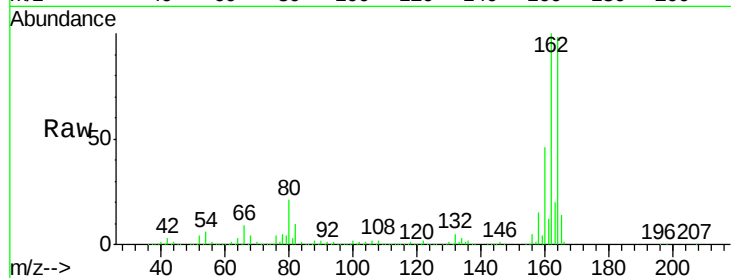
Tot Ion:164 Resp: 838450

Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

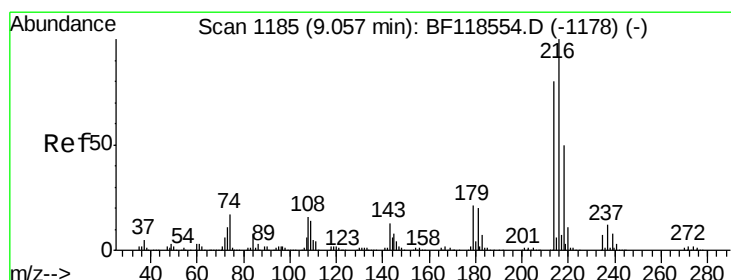
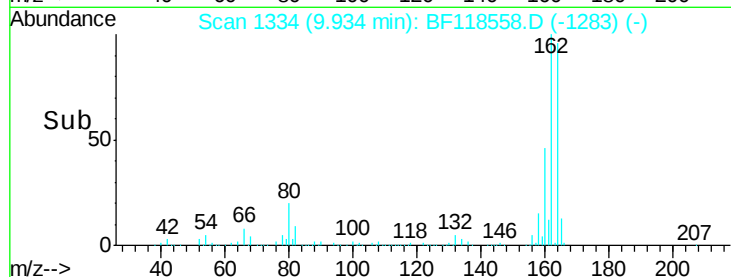
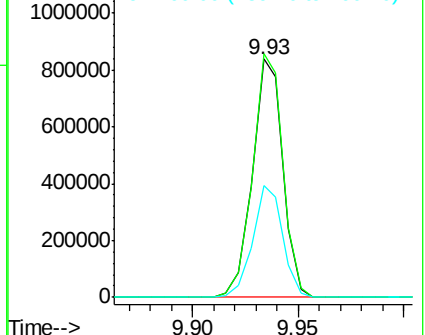
160 46.9 36.7 55.1



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: 88.062 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Tgt Ion:216 Resp: 2264125

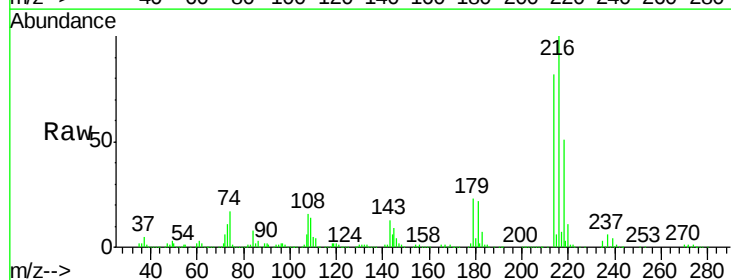
Ion Ratio Lower Upper

216 100

214 80.6 63.6 95.4

179 21.5 16.5 24.7

108 18.1 14.6 21.8

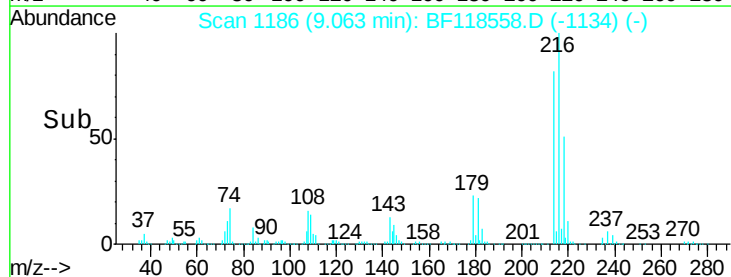
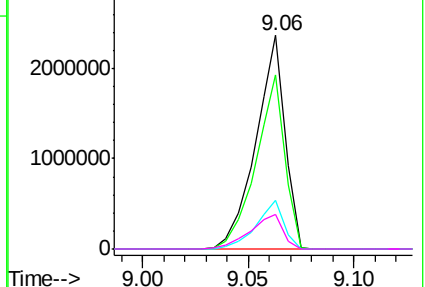


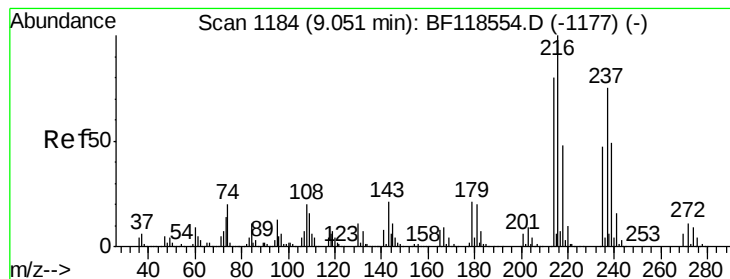
Abundance Ion 216.00 (215.70 to 216.70): E

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: 338.191 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

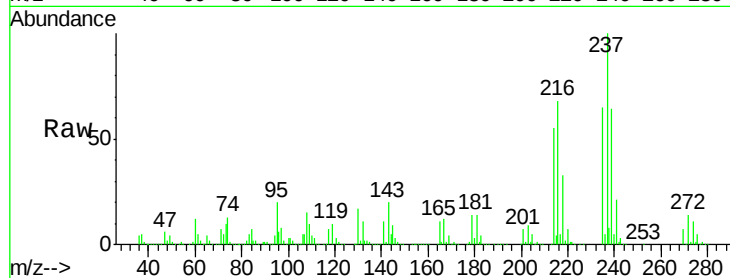
Tot Ion:237 Resp: 1314117

Ion Ratio Lower Upper

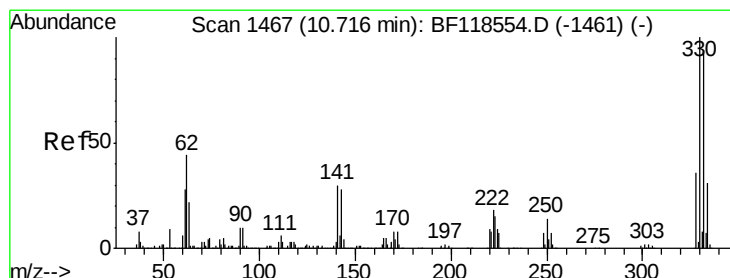
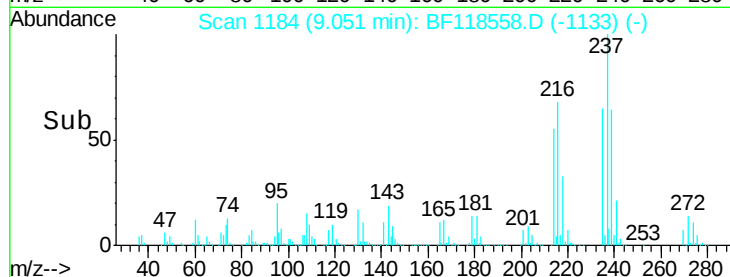
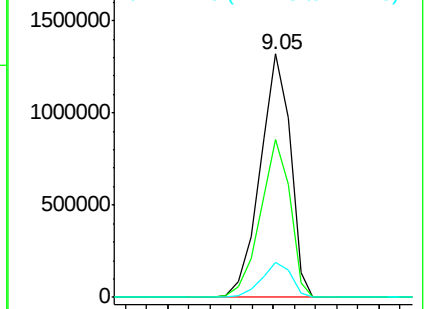
237 100

235 64.6 42.1 82.1

272 14.4 0.0 34.3



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: 166.026 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

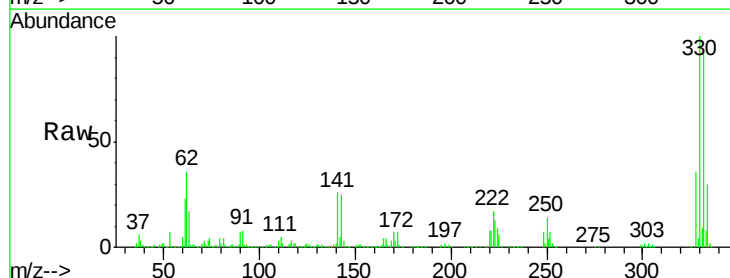
Tgt Ion:330 Resp: 1688469

Ion Ratio Lower Upper

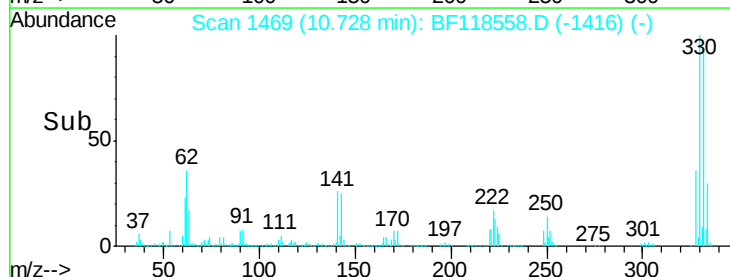
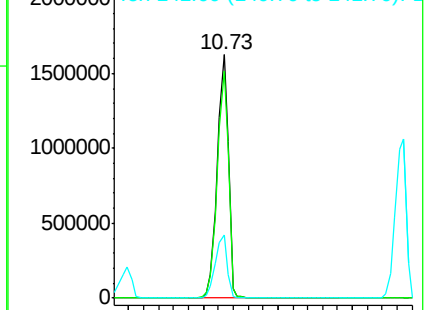
330 100

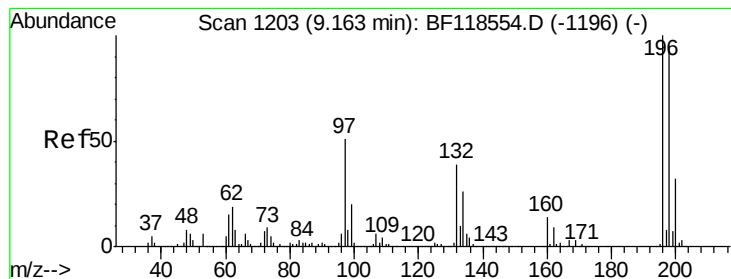
332 94.1 76.4 114.6

141 27.4 23.4 35.2



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: 98.814 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

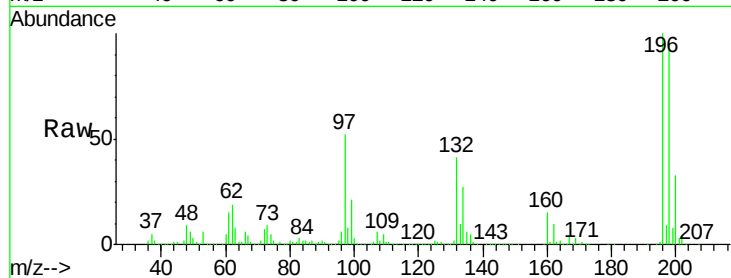
Tot Ion:196 Resp: 1645181

Ion Ratio Lower Upper

196 100

198 95.7 76.0 114.0

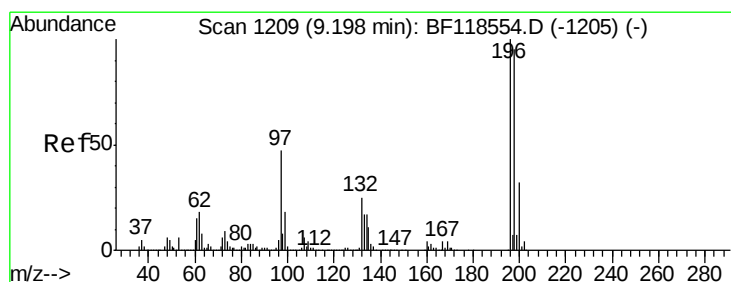
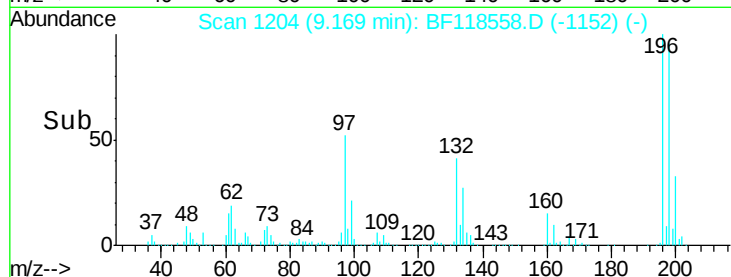
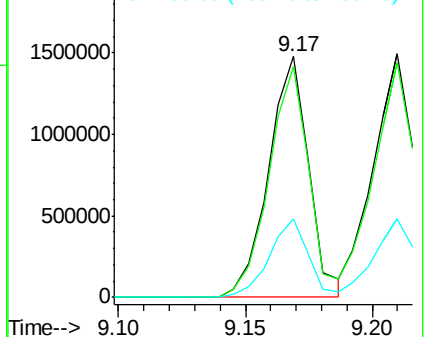
200 32.6 25.4 38.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 97.166 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Tgt Ion:196 Resp: 1615578

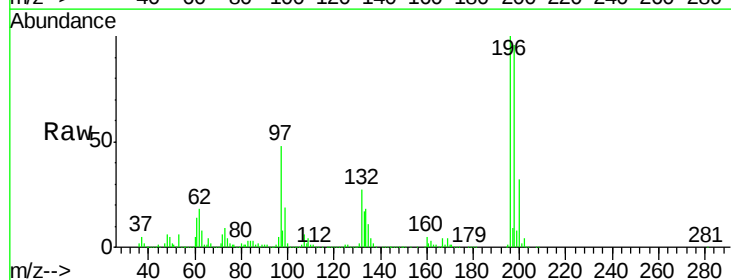
Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

97 47.9 37.4 56.2

132 26.8 20.3 30.5

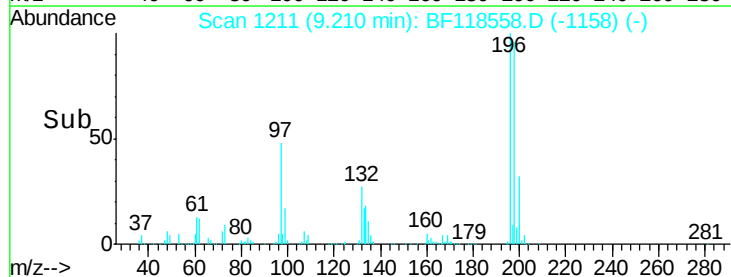
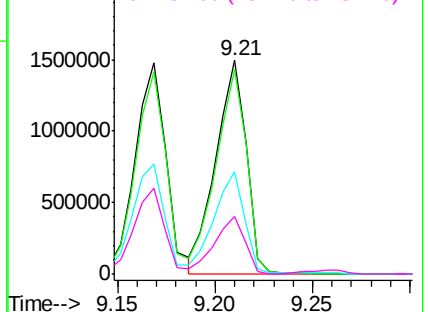


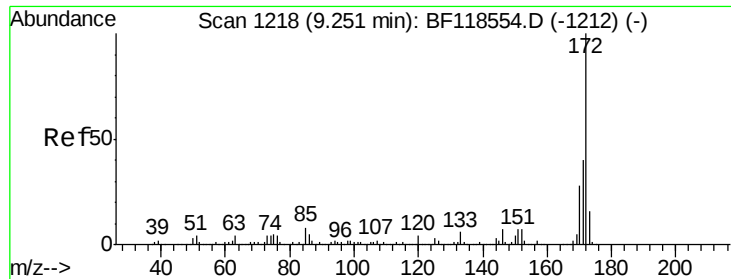
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

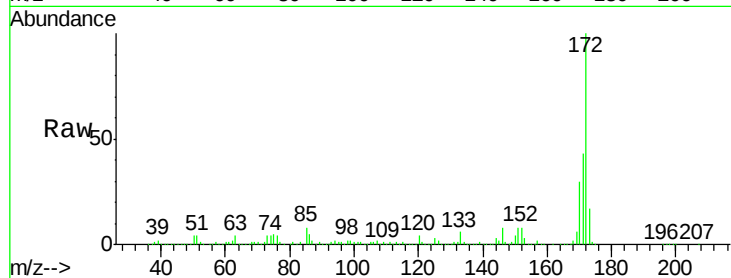




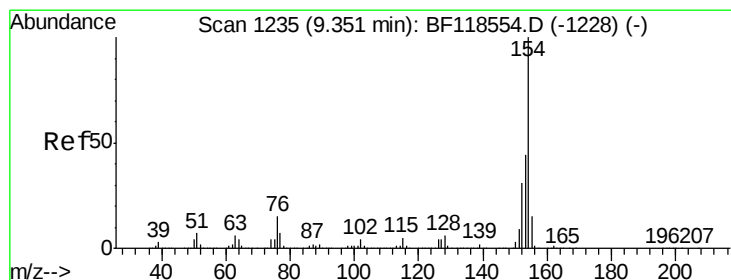
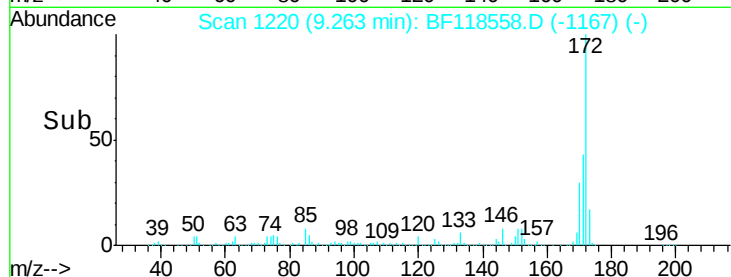
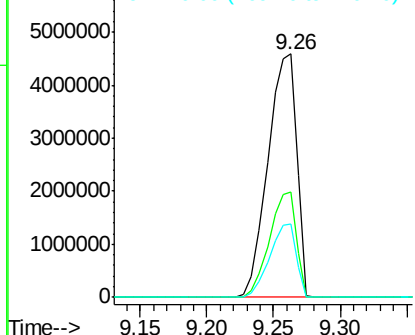
#45
2-Fluorobiphenyl
Concen: 132.573 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 6891042
Ion Ratio Lower Upper
172 100
171 43.3 32.4 48.6
170 30.3 22.5 33.7

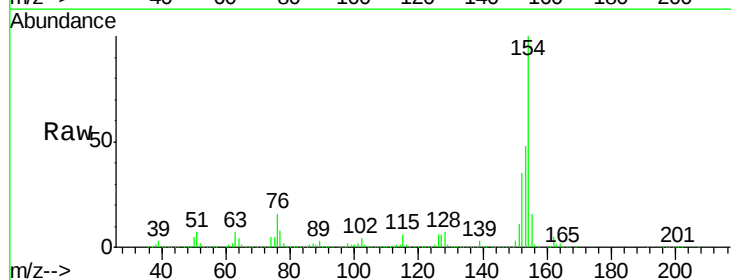


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

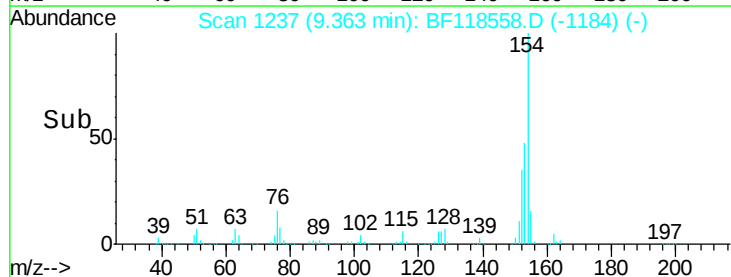
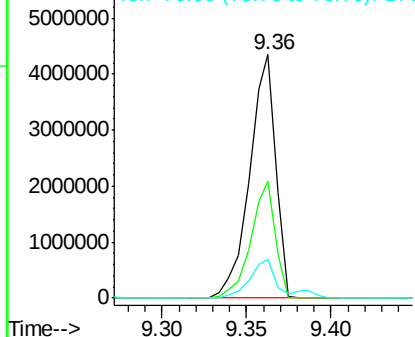


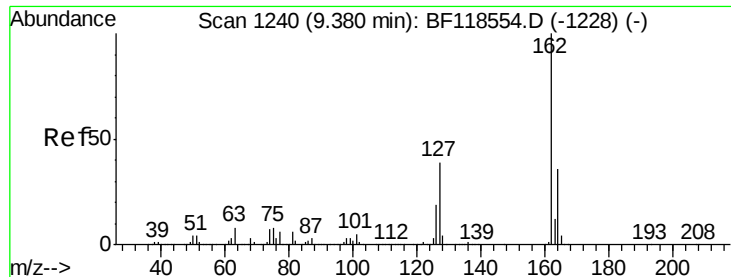
#46
1,1'-Biphenyl
Concen: 70.400 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:154 Resp: 4677086
Ion Ratio Lower Upper
154 100
153 48.3 23.7 63.7
76 16.0 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

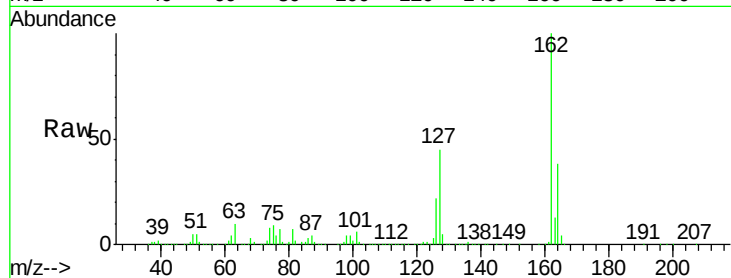




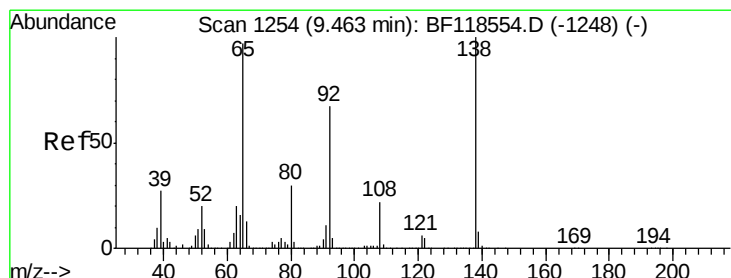
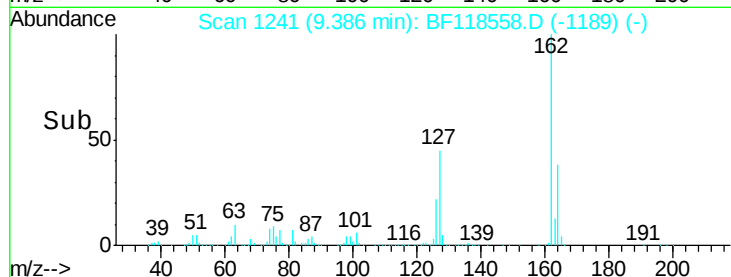
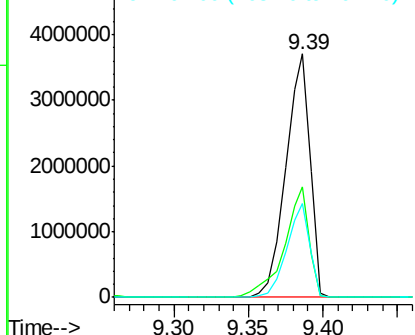
#47
 2-Chloronaphthalene
 Concen: 79.084 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 4218428
 Ion Ratio Lower Upper
 162 100
 127 45.2 31.0 46.4
 164 38.4 28.6 42.8

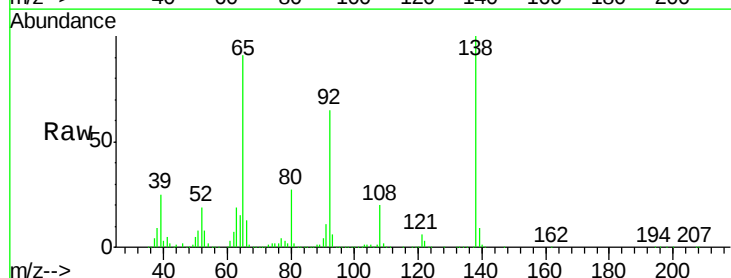


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

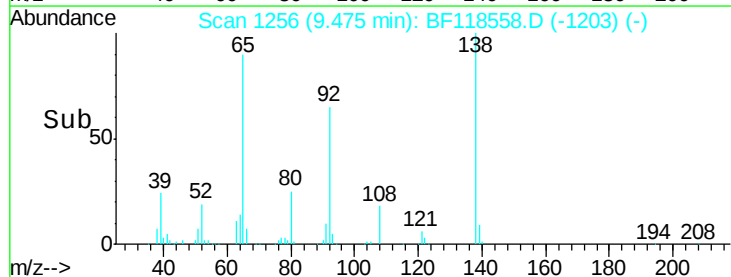
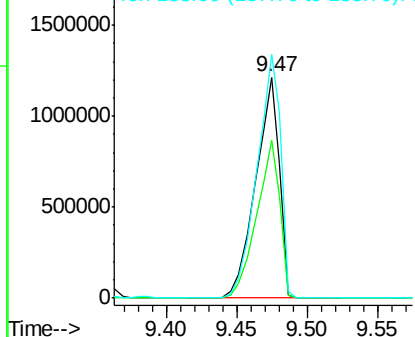


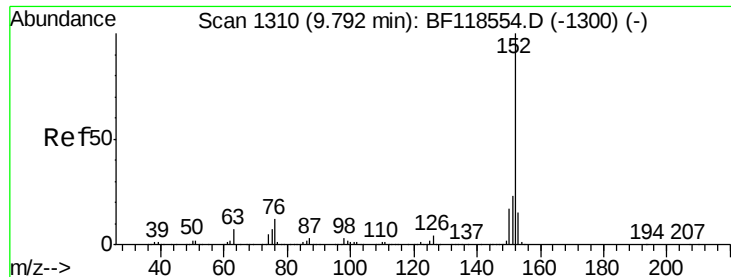
#48
 2-Nitroaniline
 Concen: 99.886 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

Tgt Ion: 65 Resp: 1430924
 Ion Ratio Lower Upper
 65 100
 92 71.4 55.3 82.9
 138 110.4 82.9 124.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 73.462 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

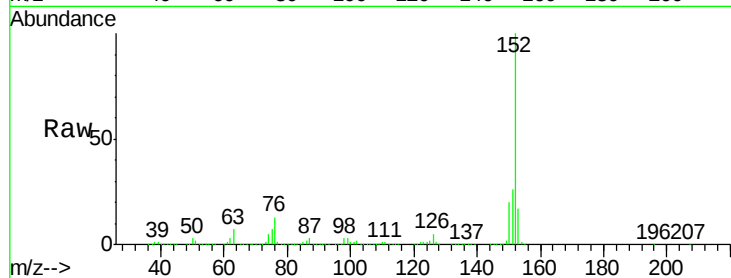
Tot Ion:152 Resp: 5709784

Ion Ratio Lower Upper

152 100

151 26.2 18.6 27.8

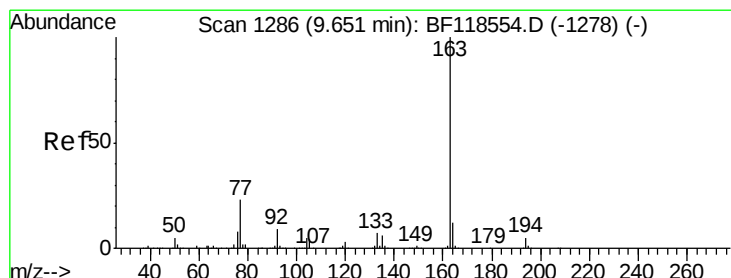
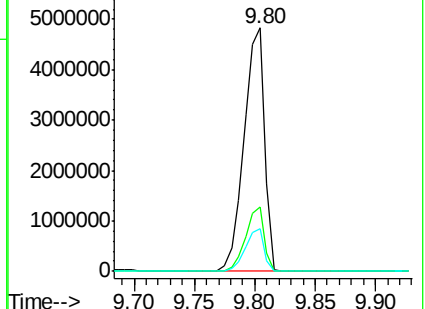
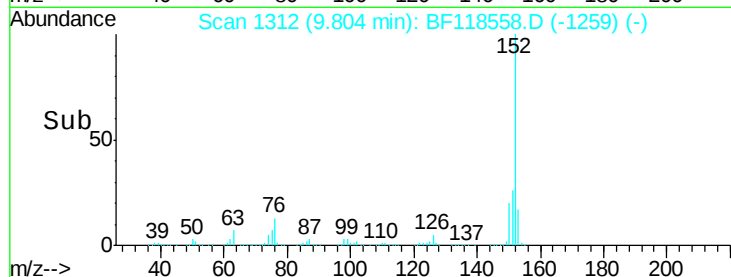
153 17.3 12.3 18.5



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: 80.511 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

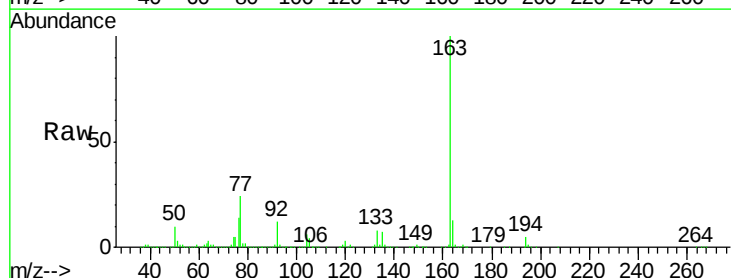
Tgt Ion:163 Resp: 4982404

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.8

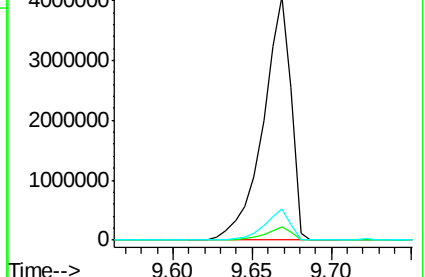
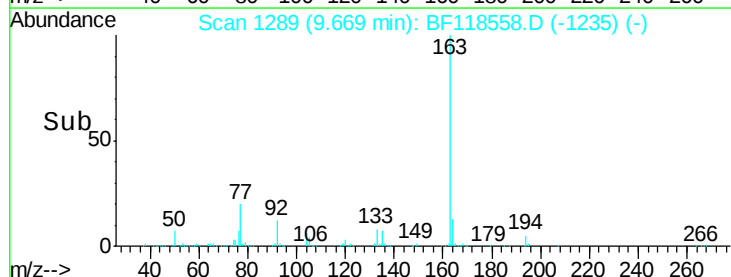
164 12.7 9.3 13.9

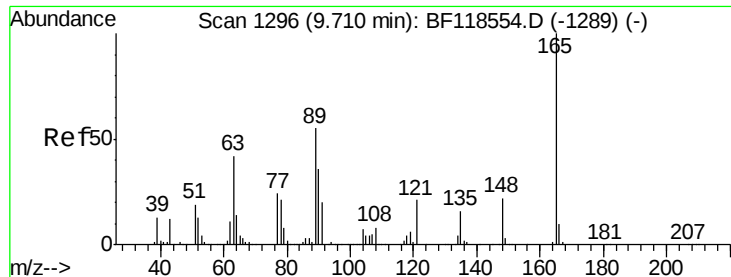


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 87.768 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampled :

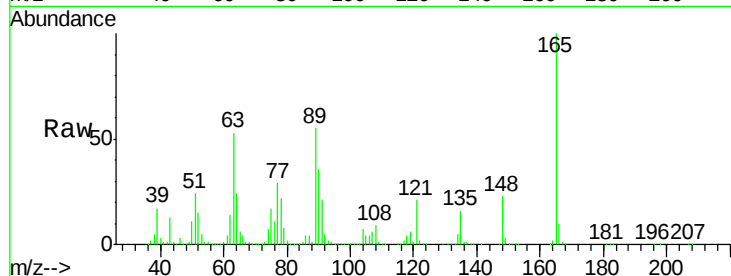
Tot Ion:165 Resp: 1194275

Ion Ratio Lower Upper

165 100

63 53.2 41.9 62.9

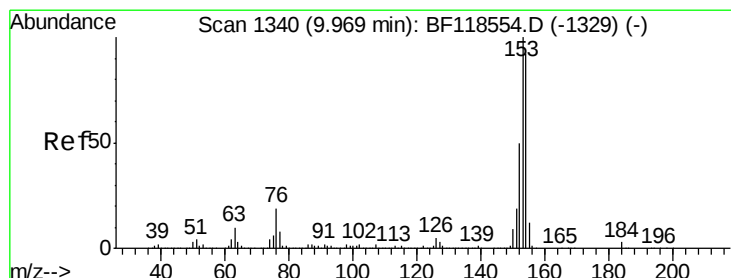
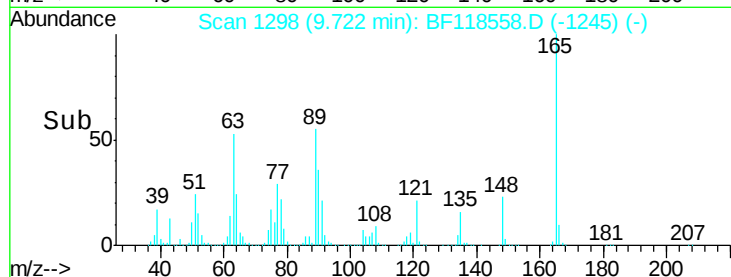
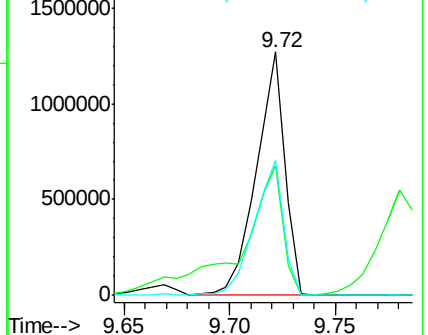
89 55.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 81.817 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

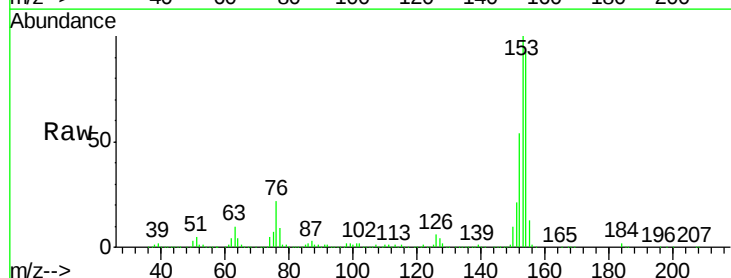
Tgt Ion:154 Resp: 3912536

Ion Ratio Lower Upper

154 100

153 107.7 87.0 130.4

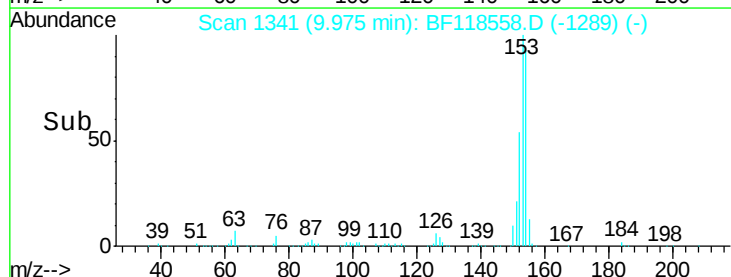
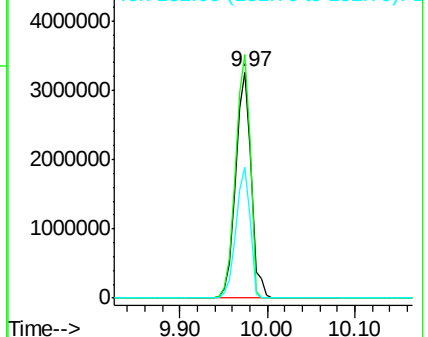
152 57.9 43.8 65.8

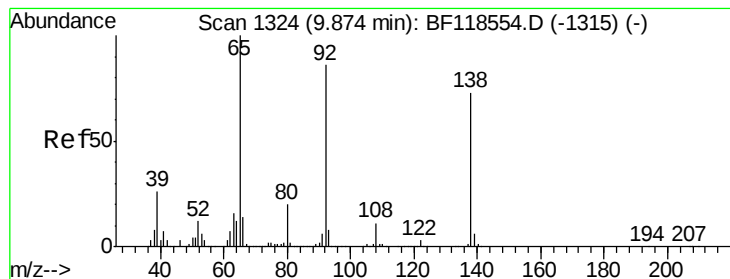


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 82.407 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

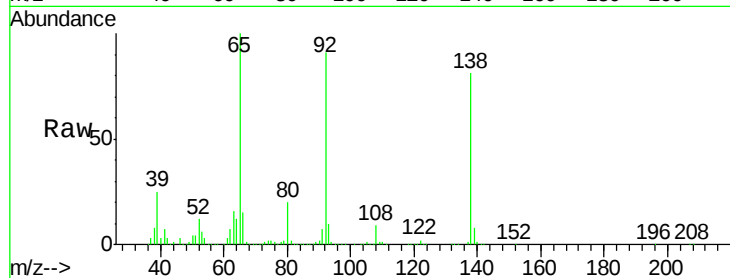
Tot Ion:138 Resp: 1296992

Ion Ratio Lower Upper

138 100

108 11.7 12.2 18.4#

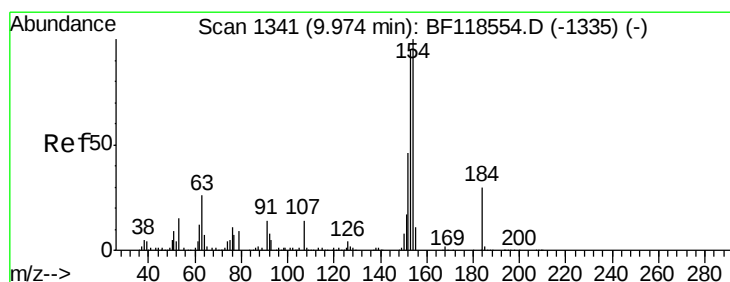
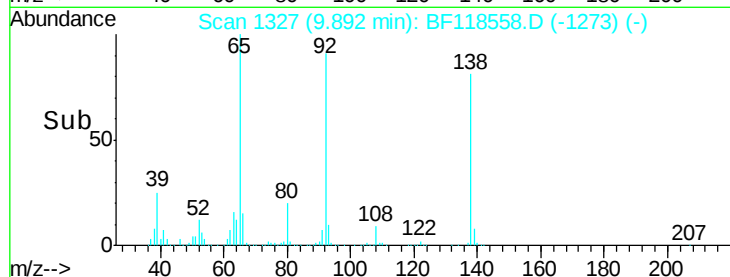
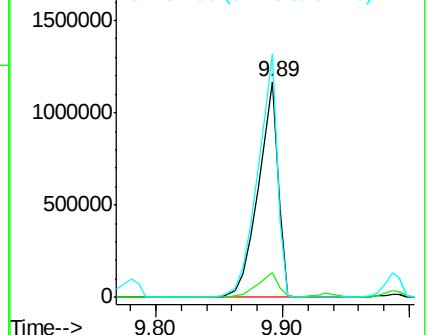
92 112.7 94.2 141.2



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: 98.452 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

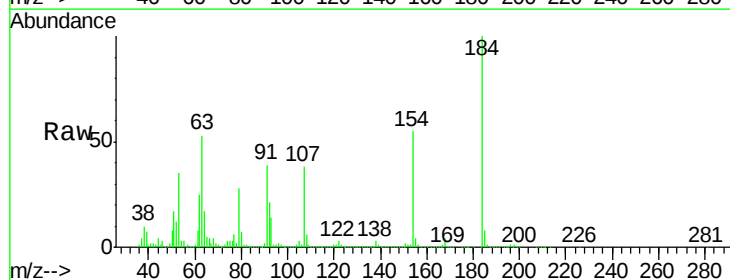
Tgt Ion:184 Resp: 500335

Ion Ratio Lower Upper

184 100

63 52.8 69.4 104.0#

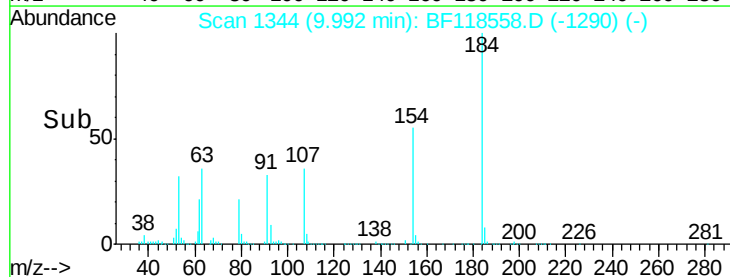
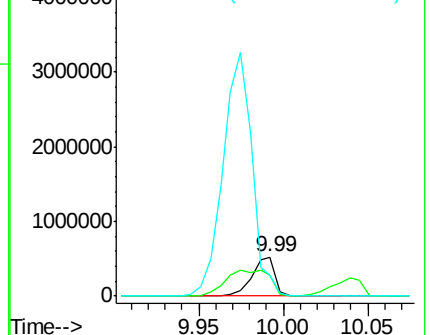
154 55.1 268.5 402.7#

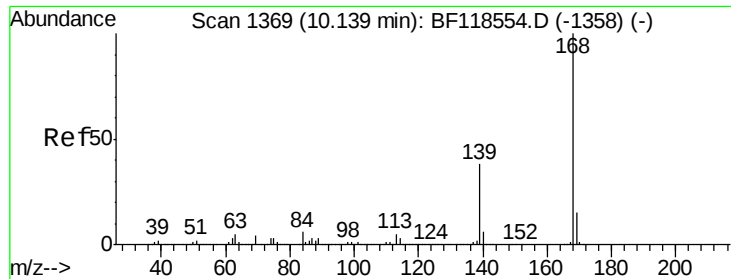


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

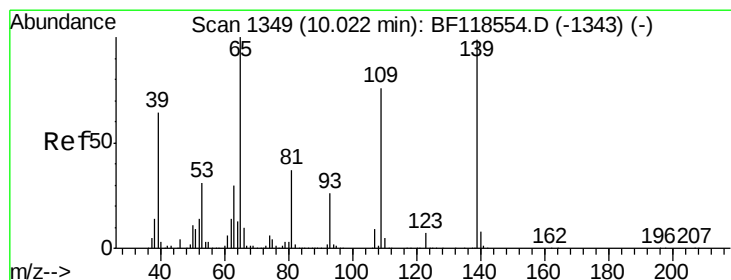
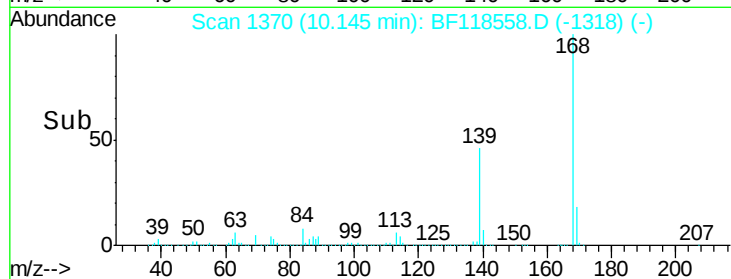
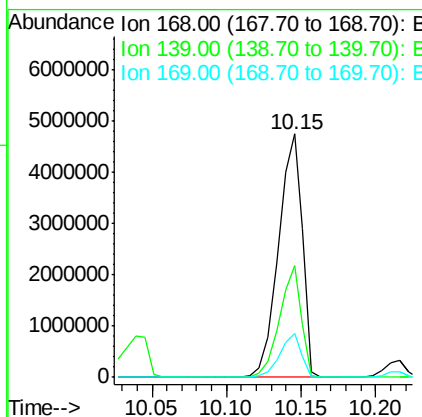
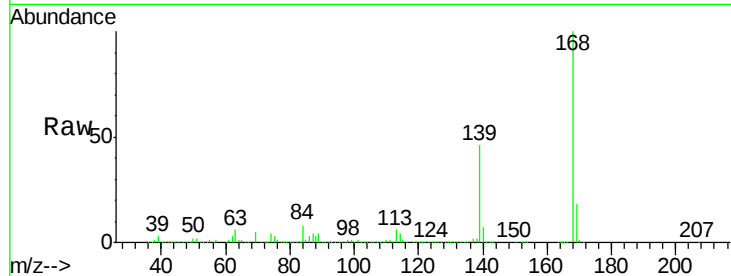




#55
Dibenzenofuran
Concen: 76.364 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

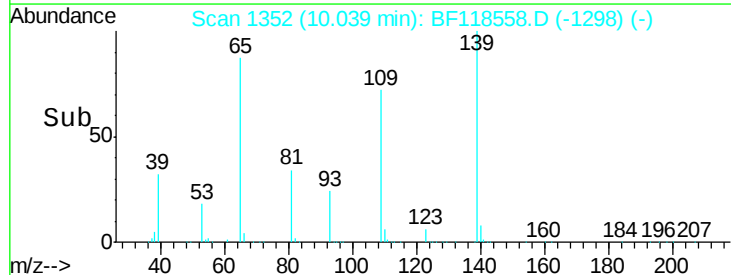
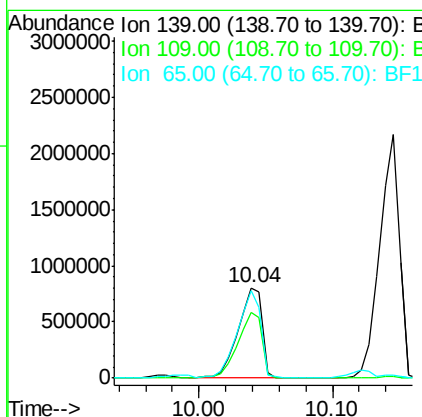
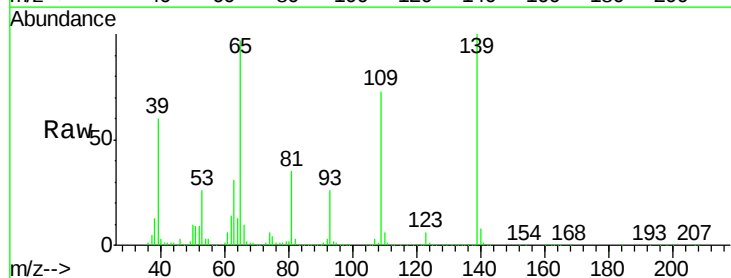
Instrument :
BNA_F
ClientSampleId :

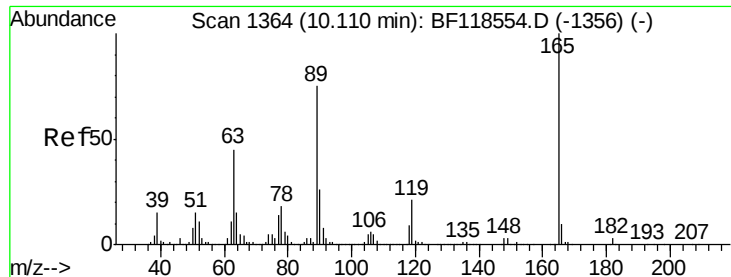
Tot Ion:168 Resp: 5298763
Ion Ratio Lower Upper
168 100
139 45.7 30.6 46.0
169 17.8 11.9 17.9



#56
4-Nitrophenol
Concen: 138.079 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:139 Resp: 996108
Ion Ratio Lower Upper
139 100
109 73.0 56.9 96.9
65 96.7 81.7 121.7

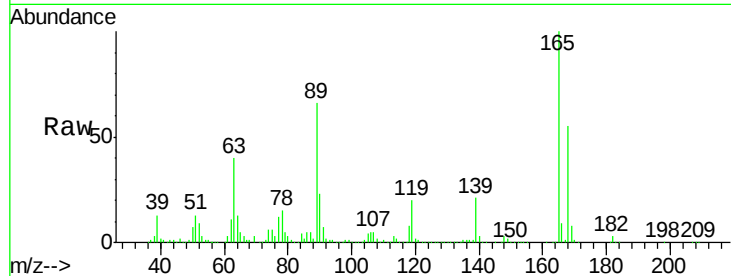




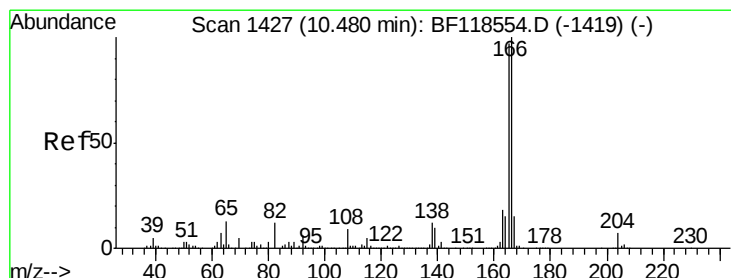
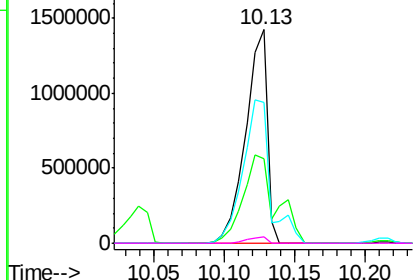
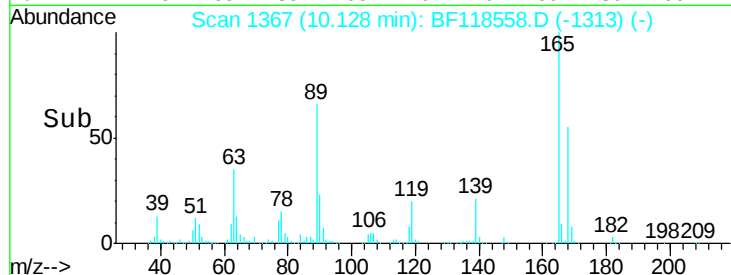
#57
2,4-Dinitrotoluene
Concen: 87.113 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1515165
Ion Ratio Lower Upper
165 100
63 39.9 35.8 53.6
89 65.9 59.9 89.9
182 3.0 2.2 3.2

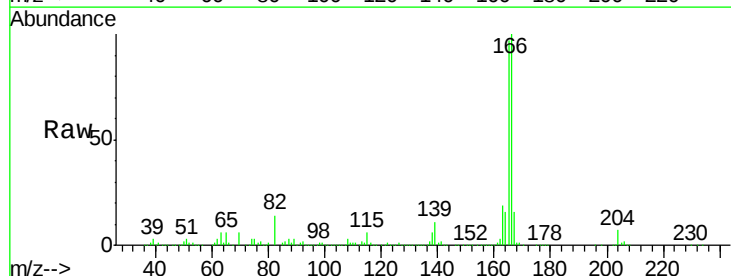


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

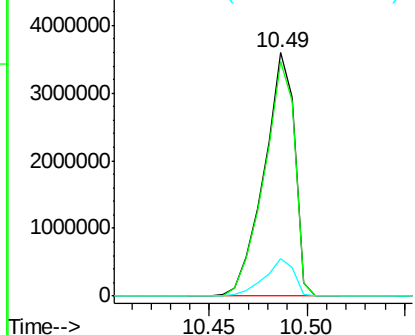
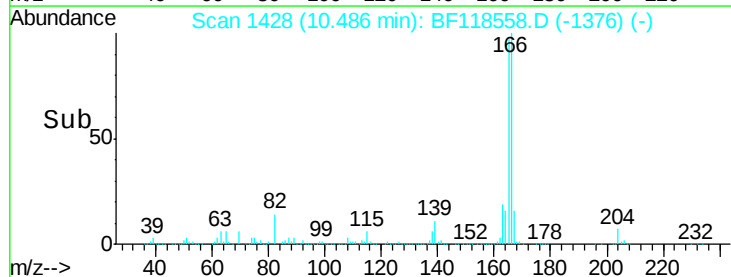


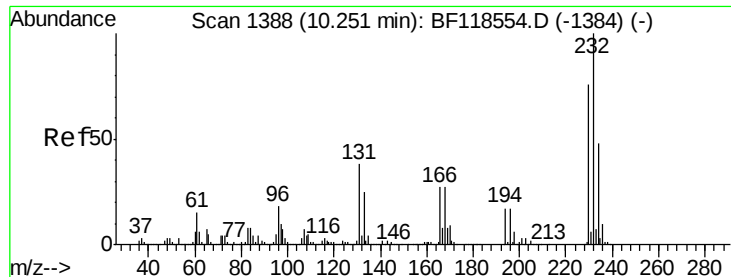
#58
Fluorene
Concen: 69.069 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:166 Resp: 3893064
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.8
167 15.6 11.7 17.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 98.971 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 1345707

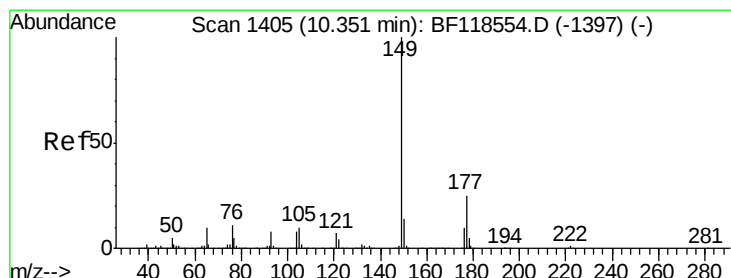
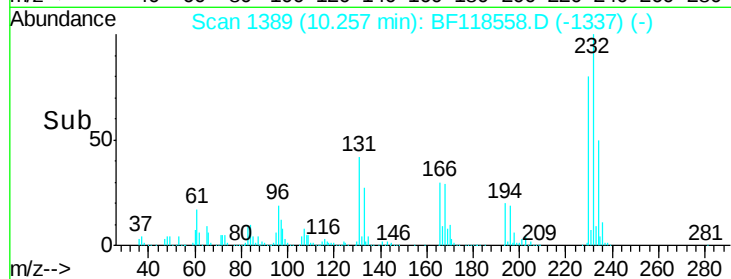
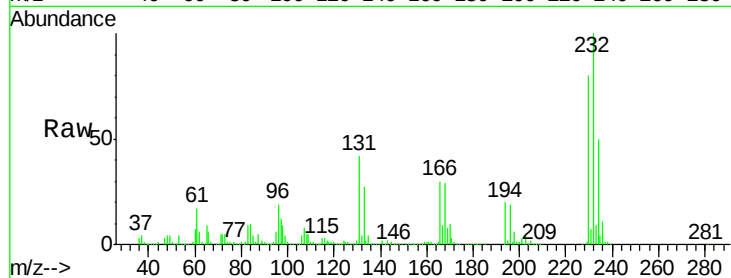
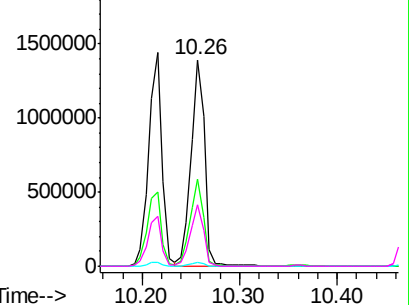
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.3	48.5
130	2.2	1.7	2.5
166	28.6	22.2	33.2

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 74.693 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

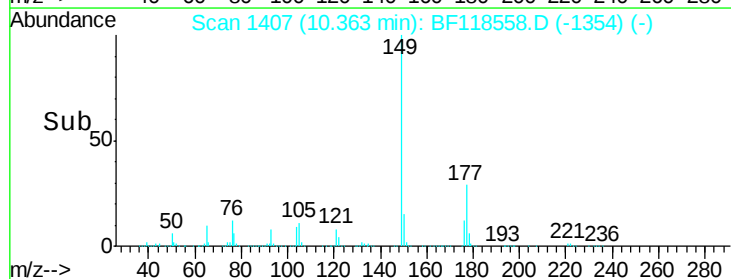
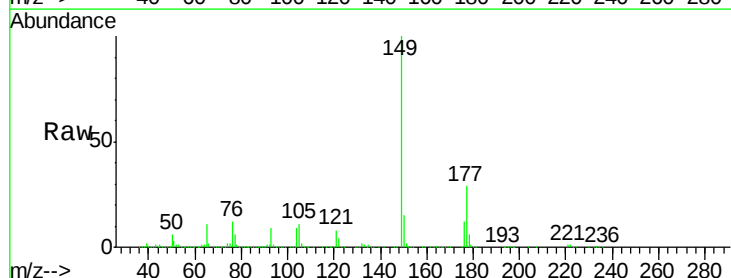
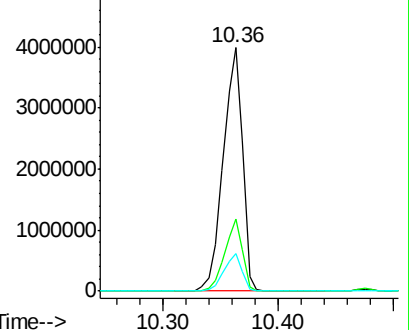
Tgt Ion:149 Resp: 4605797

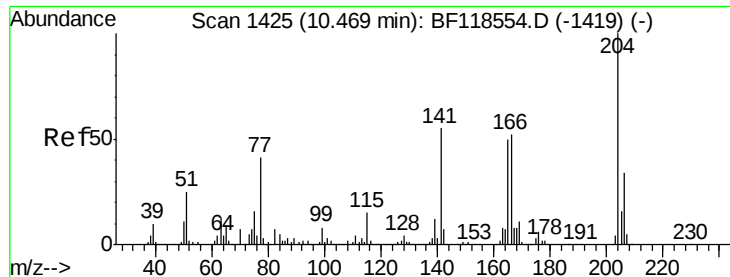
Ion	Ratio	Lower	Upper
149	100		
177	29.4	20.2	30.4
150	15.4	11.0	16.4

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

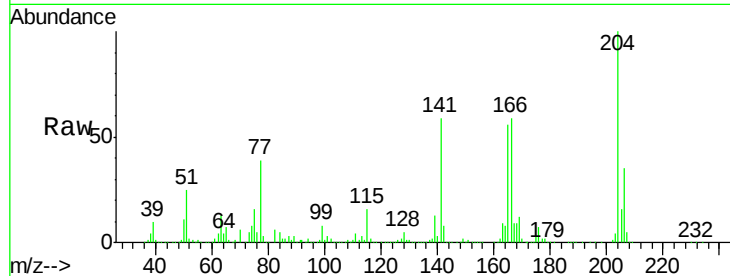




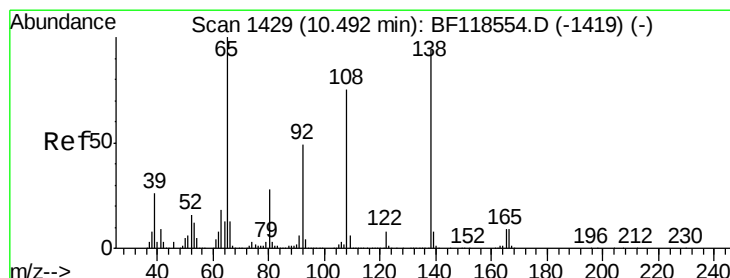
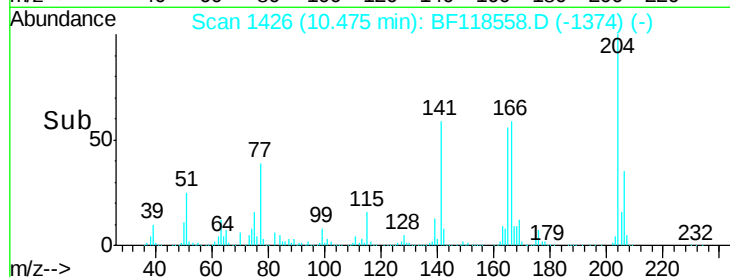
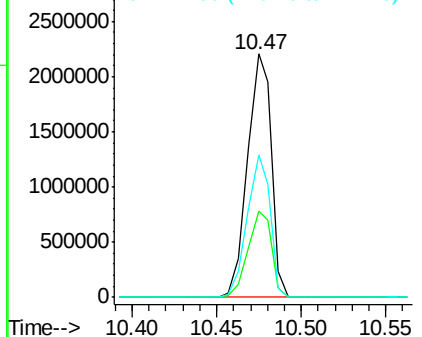
#61
4-Chlorophenyl-phenylether
Concen: 76.606 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 2172366
Ion Ratio Lower Upper
204 100
206 35.5 27.1 40.7
141 58.6 44.4 66.6

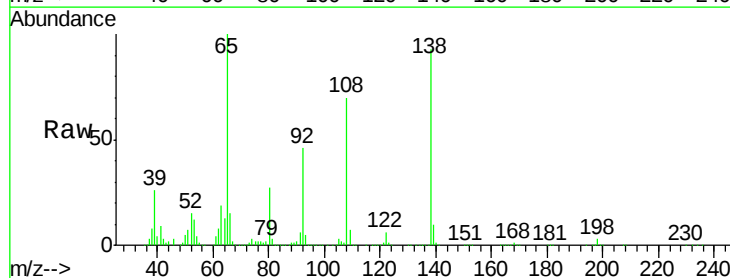


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

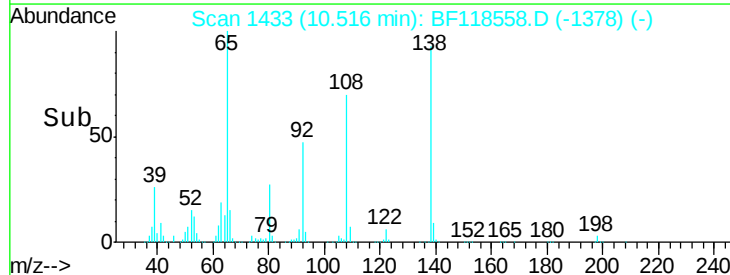
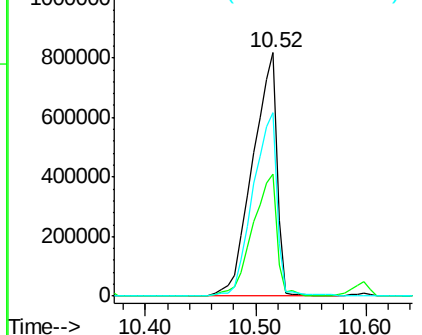


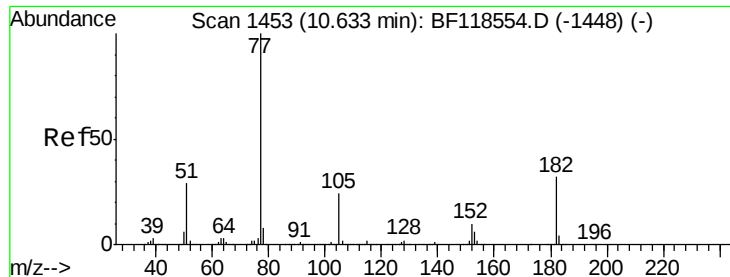
#62
4-Nitroaniline
Concen: 81.787 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:138 Resp: 1271122
Ion Ratio Lower Upper
138 100
92 49.9 31.7 71.7
108 75.4 59.6 99.6



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





#63

Azobenzene

Concen: 85.573 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 4370590

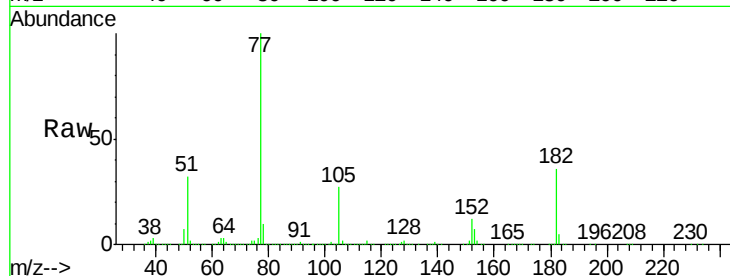
Ion	Ratio	Lower	Upper
77	100		
182	36.5	11.7	51.7
105	26.9	3.6	43.6
51	32.4	9.0	49.0

77 100

182 36.5 11.7 51.7

105 26.9 3.6 43.6

51 32.4 9.0 49.0



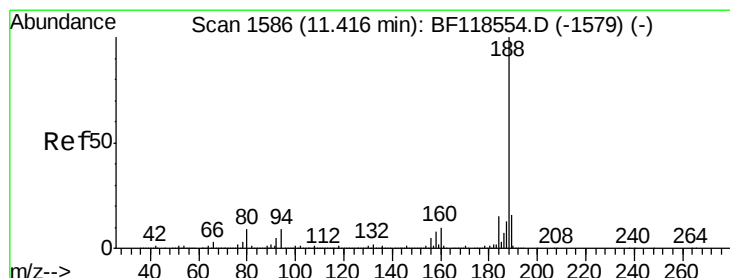
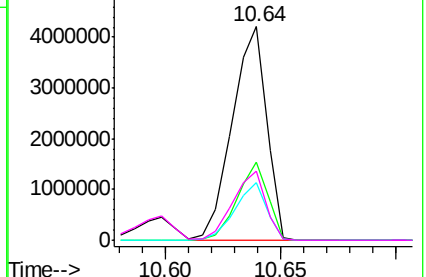
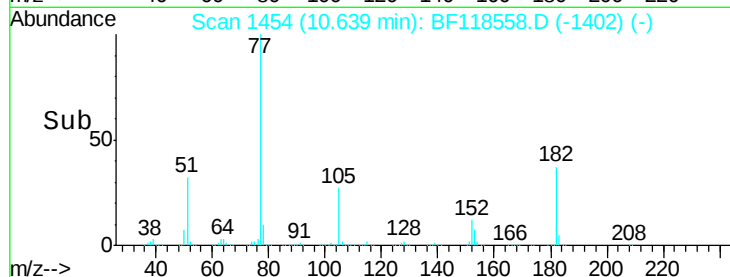
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

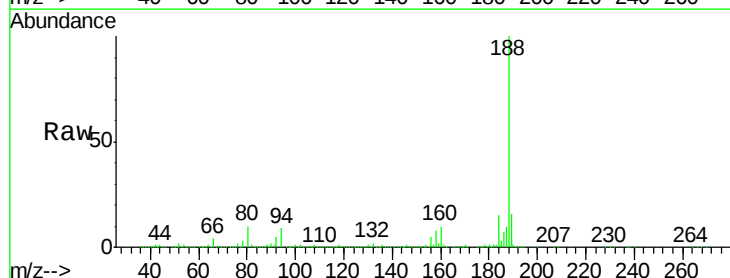
Tgt Ion: 188 Resp: 1448520

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.0	7.4	11.2

188 100

94 9.3 7.0 10.4

80 10.0 7.4 11.2

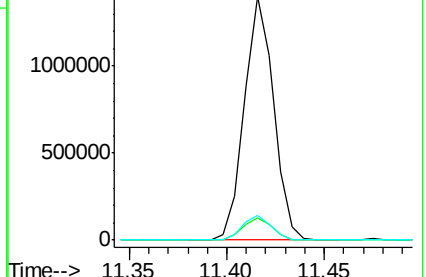
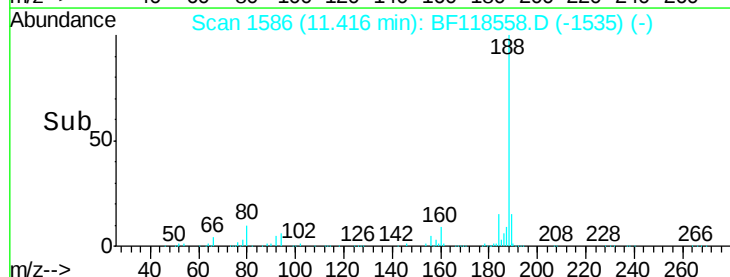


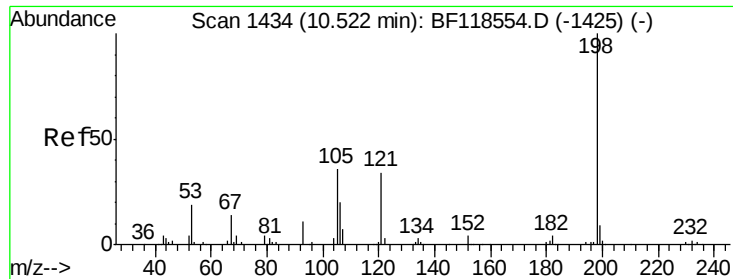
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 89.123 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

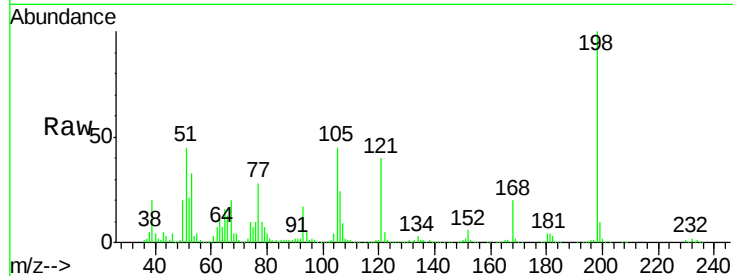
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 681188

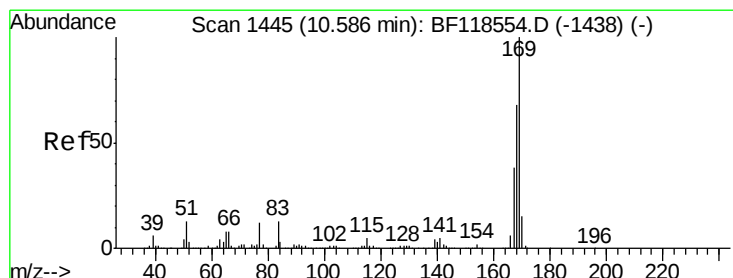
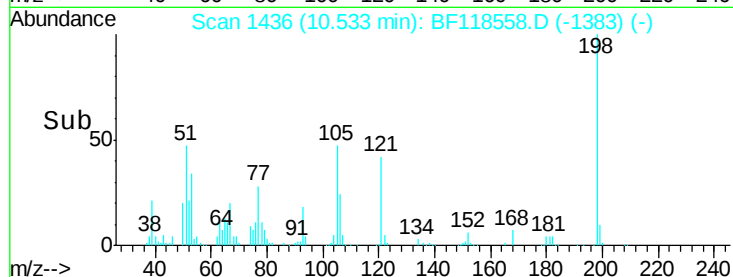
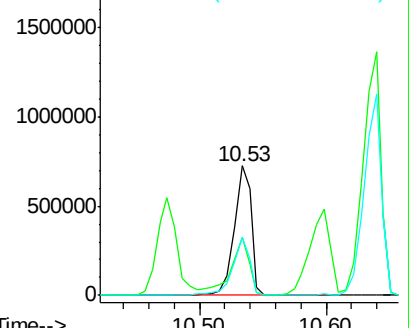
Ion	Ratio	Lower	Upper
198	100		
51	44.9	13.2	53.2
105	45.1	17.2	57.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 84.037 ng

RT: 10.60 min Scan# 1447

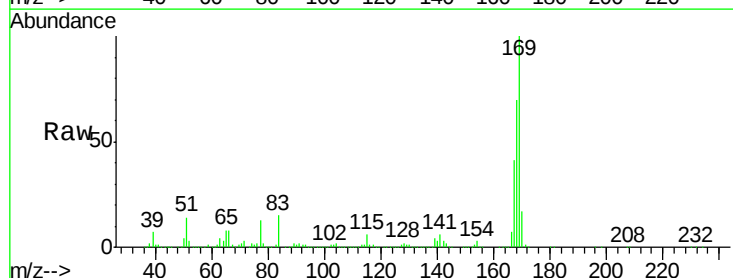
Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Tgt Ion:169 Resp: 3996629

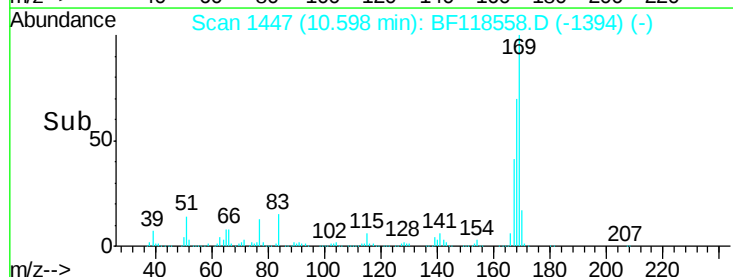
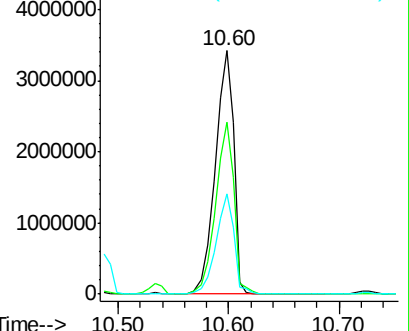
Ion	Ratio	Lower	Upper
169	100		
168	70.5	54.2	81.4
167	41.0	30.5	45.7

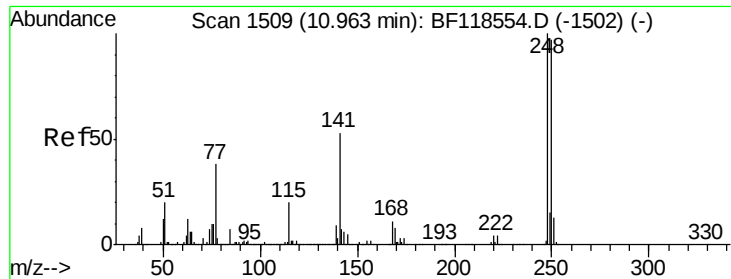


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

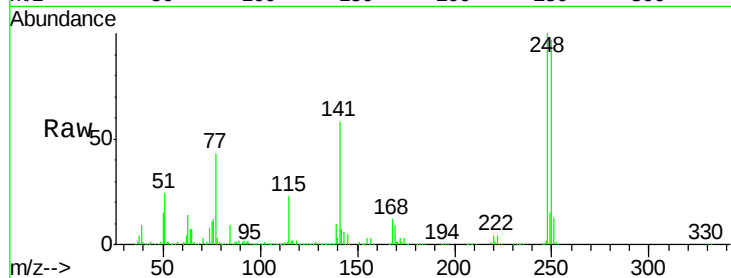




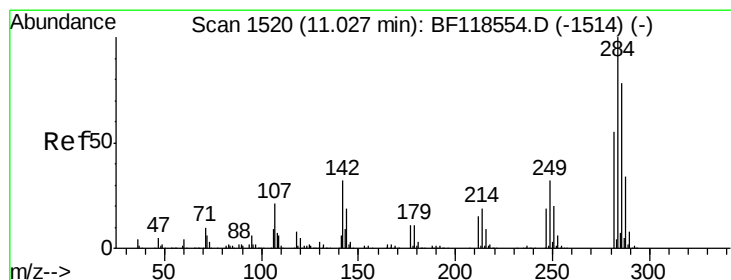
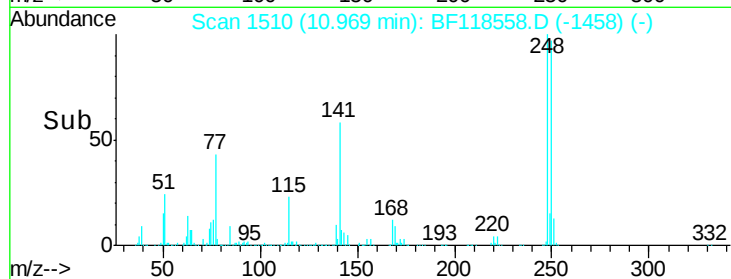
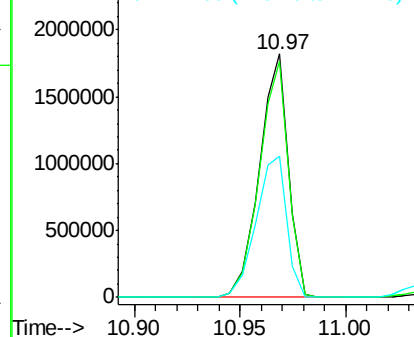
#67
4-Bromophenyl-phenylether
Concen: 99.008 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1728835
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 58.2 42.7 64.1

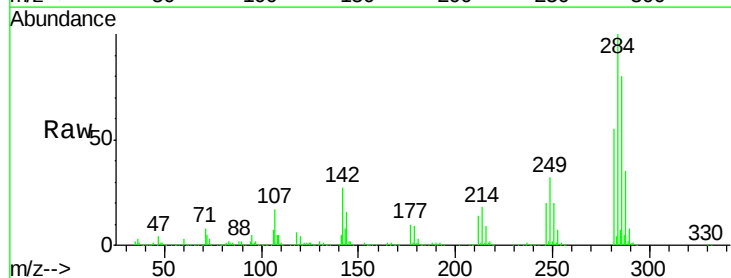


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

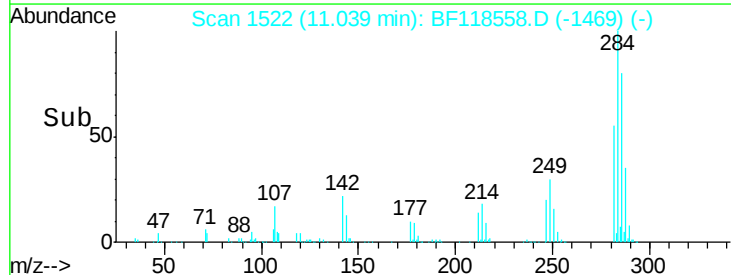
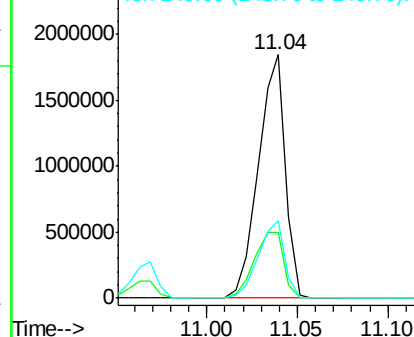


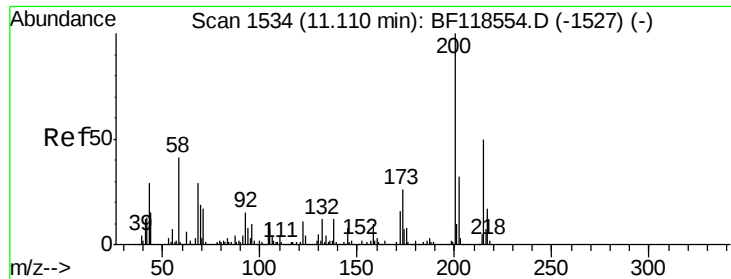
#68
Hexachlorobenzene
Concen: 91.413 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion:284 Resp: 1892587
Ion Ratio Lower Upper
284 100
142 26.9 25.6 38.4
249 31.6 25.6 38.4



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

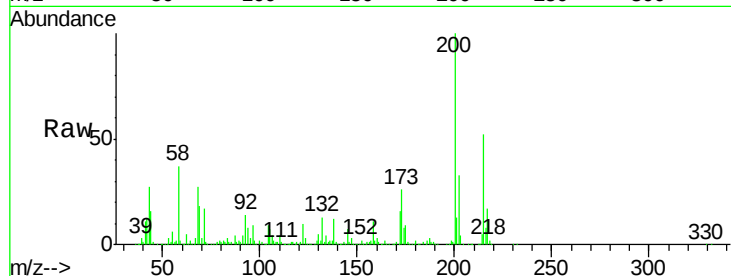




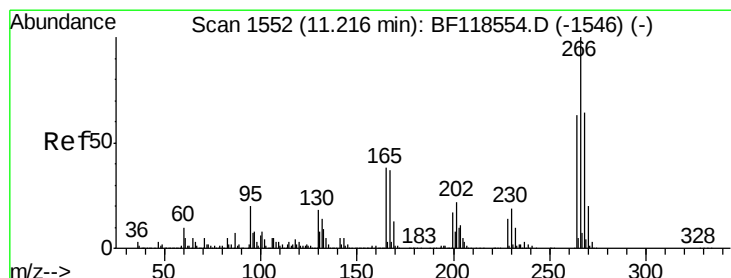
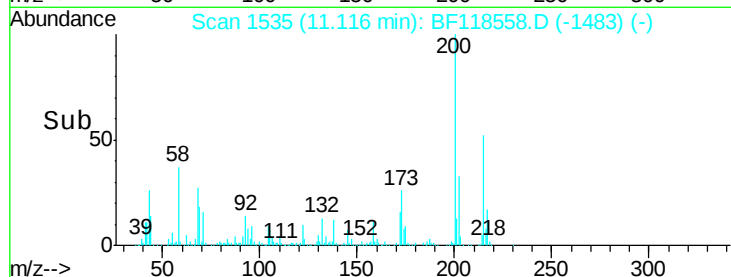
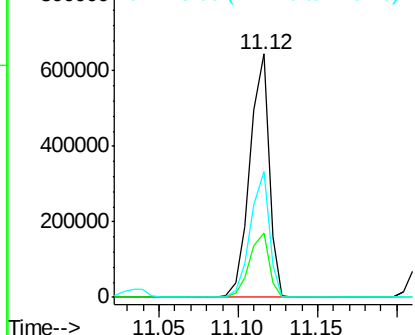
#69
Atrazine
Concen: 47.621 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.8	45.8
215	51.8	29.8	69.8

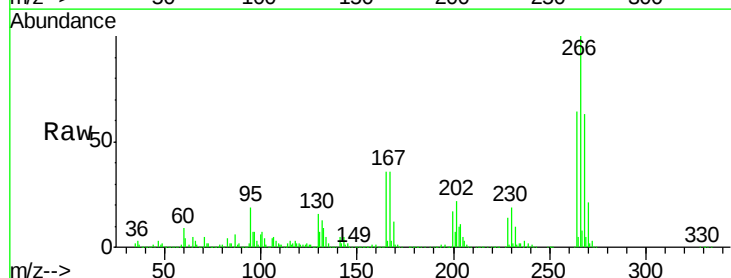


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

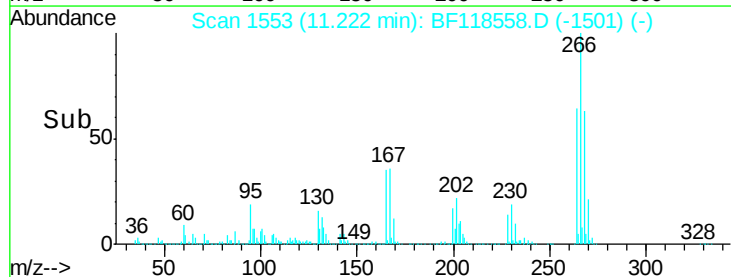
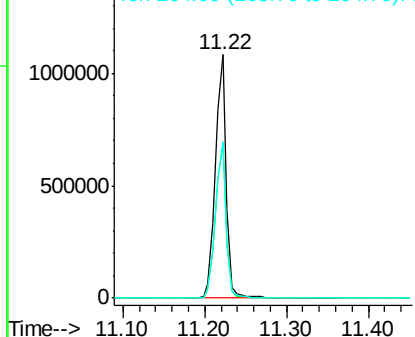


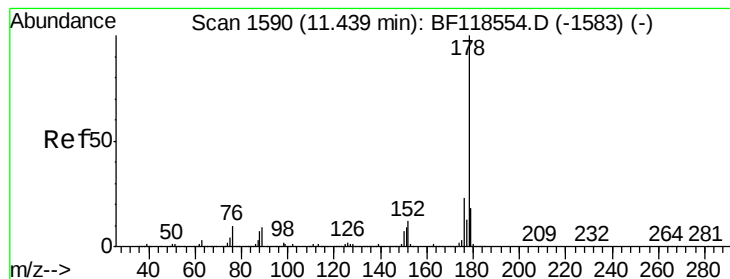
#70
Pentachlorophenol
Concen: 176.440 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118558.D
Acq: 17 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.4
264	64.3	50.5	75.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 73.208 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

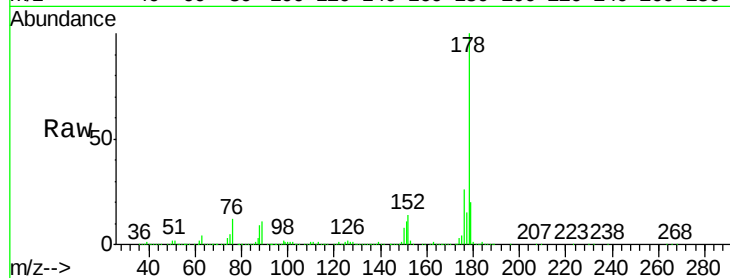
Tot Ion:178 Resp: 5708451

Ion Ratio Lower Upper

178 100

176 25.6 18.6 28.0

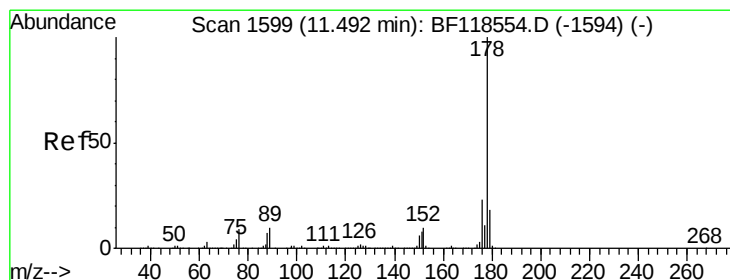
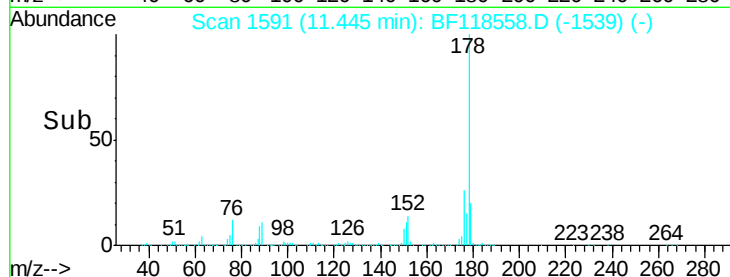
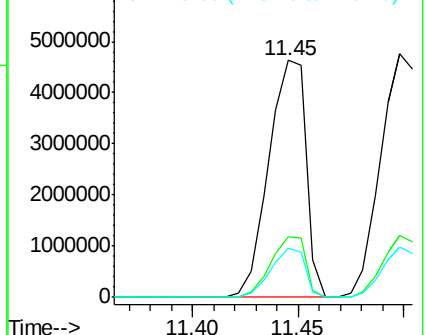
179 20.5 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 73.122 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

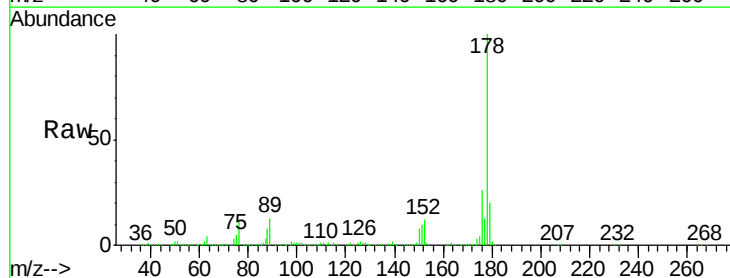
Tgt Ion:178 Resp: 5682793

Ion Ratio Lower Upper

178 100

176 25.5 18.1 27.1

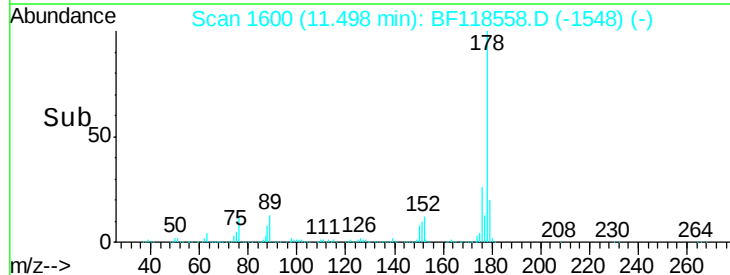
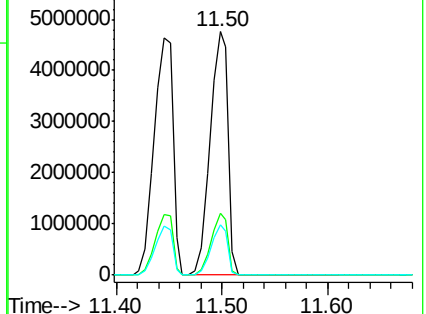
179 20.4 14.7 22.1

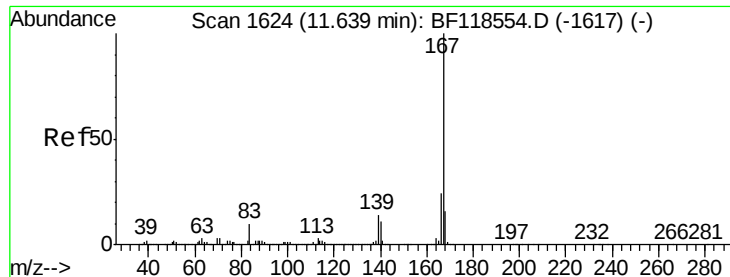


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

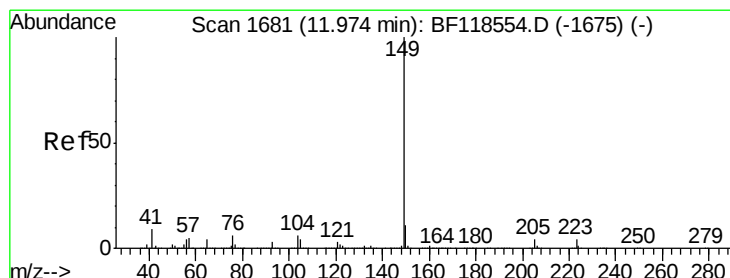
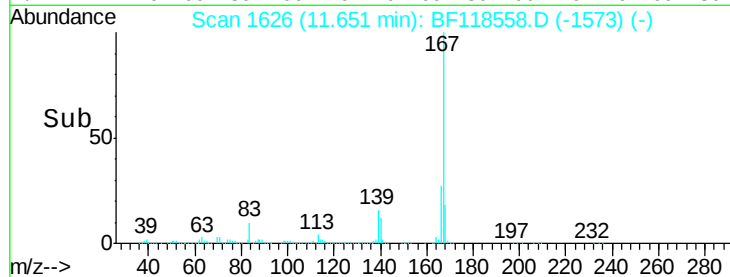
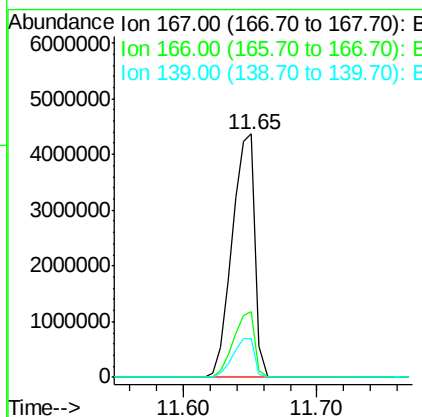
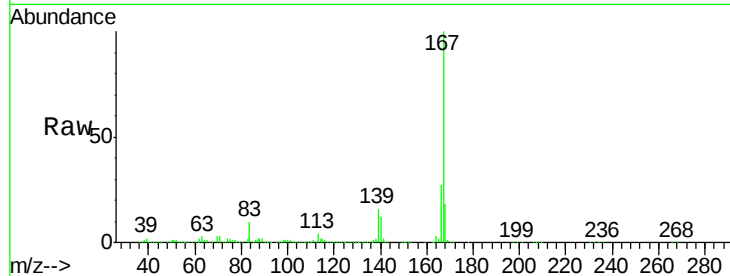




#73
 Carbazole
 Concen: 75.194 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

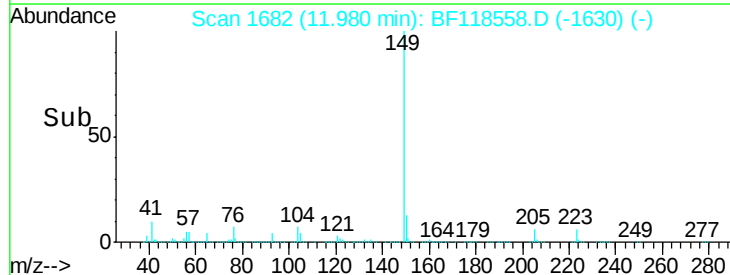
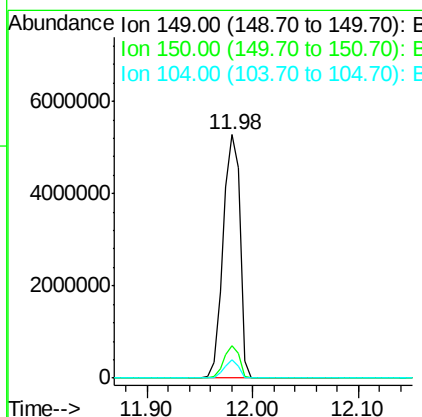
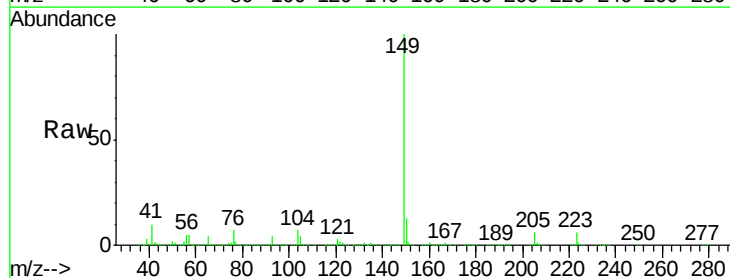
Instrument :
 BNA_F
 ClientSampled :

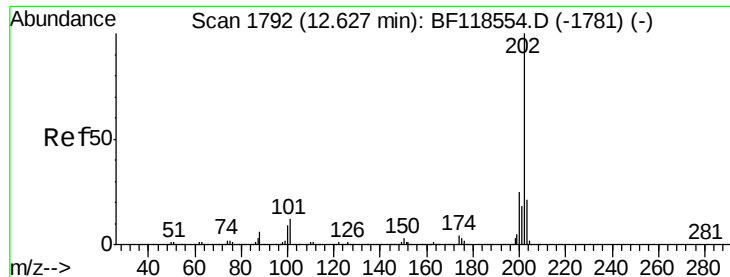
Tot Ion:167 Resp: 5220778
 Ion Ratio Lower Upper
 167 100
 166 26.8 19.5 29.3
 139 16.0 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 65.519 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

Tgt Ion:149 Resp: 5883611
 Ion Ratio Lower Upper
 149 100
 150 13.3 9.0 13.6
 104 7.4 5.0 7.4





#75

Fluoranthene

Concen: 73.510 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

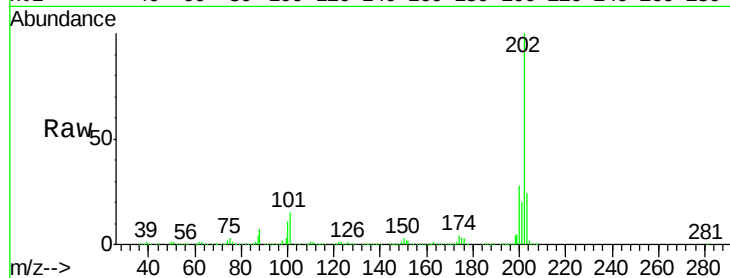
Tot Ion:202 Resp: 5726003

Ion Ratio Lower Upper

202 100

101 15.2 0.0 31.9

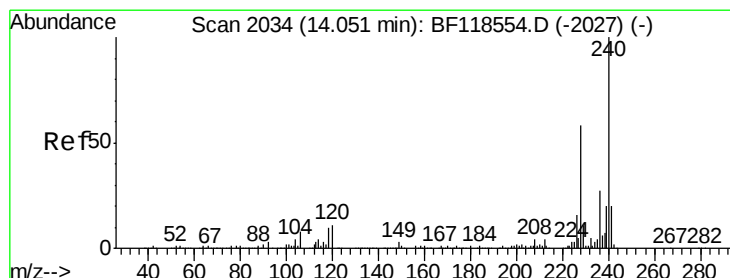
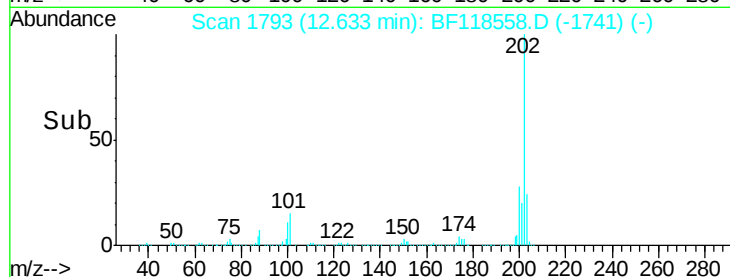
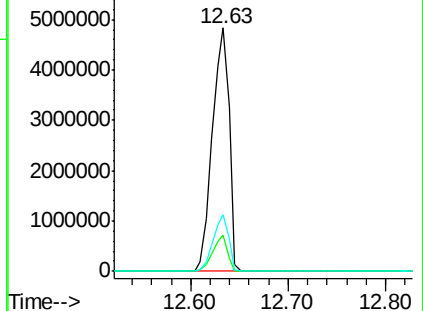
203 23.6 0.9 40.9



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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

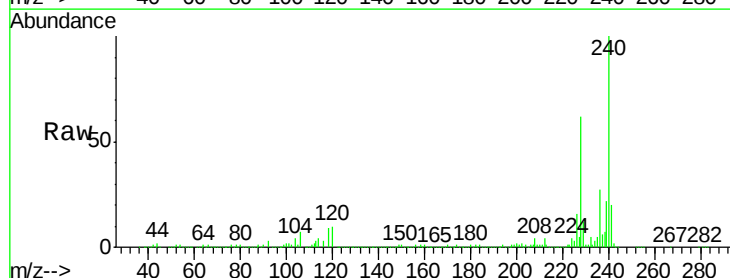
Tgt Ion:240 Resp: 862912

Ion Ratio Lower Upper

240 100

120 9.7 8.7 13.1

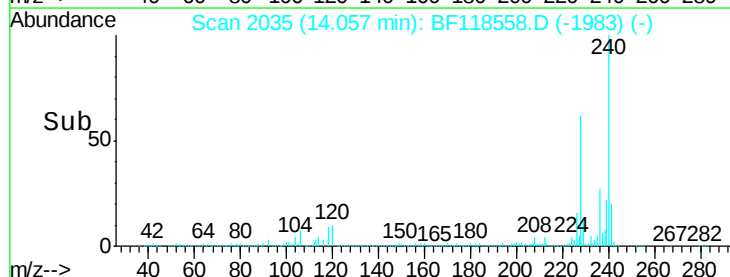
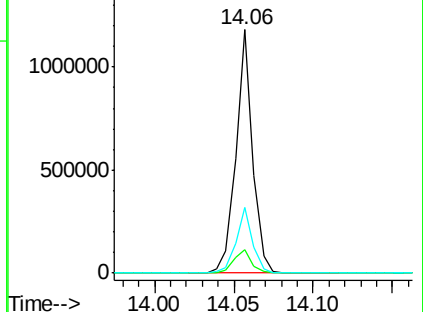
236 26.8 21.8 32.8

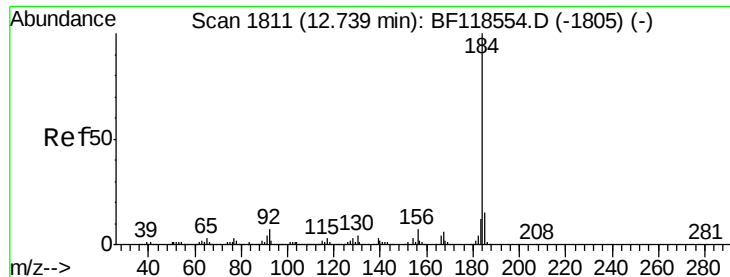


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.417 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

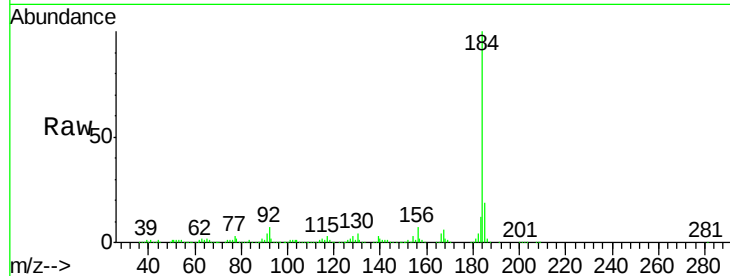
Tot Ion:184 Resp: 1510338

Ion Ratio Lower Upper

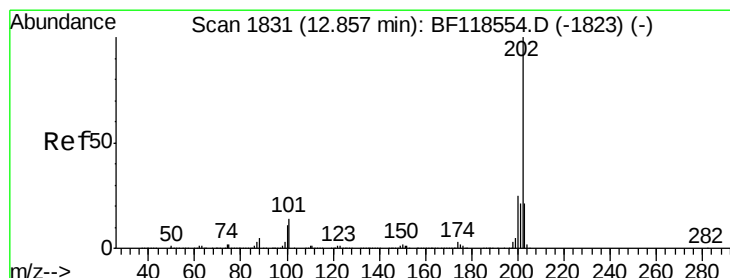
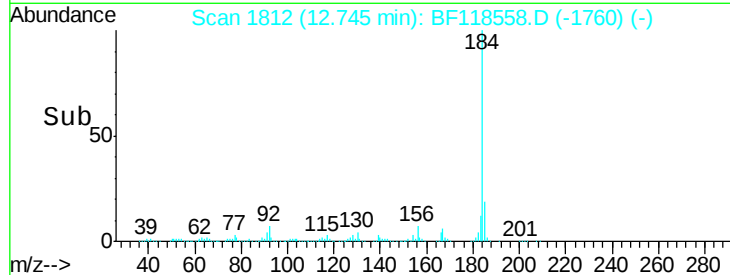
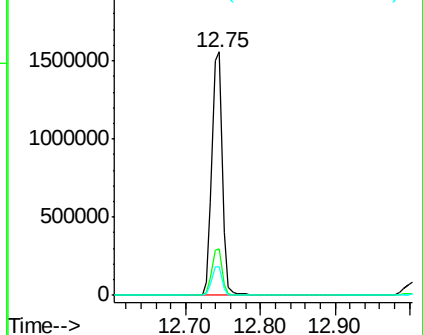
184 100

185 19.0 12.3 18.5#

183 11.9 9.5 14.3



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: 79.059 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

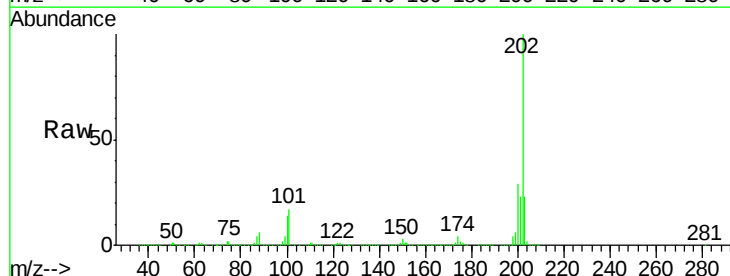
Tgt Ion:202 Resp: 5764553

Ion Ratio Lower Upper

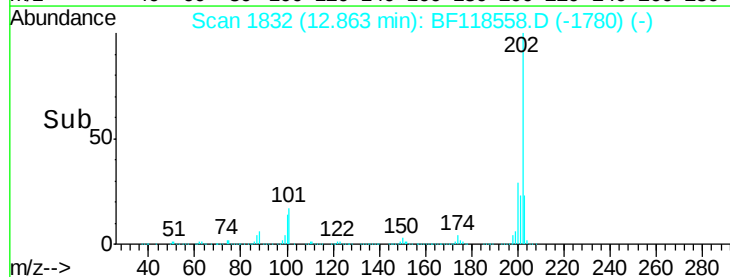
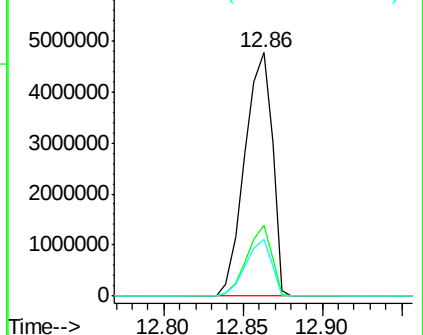
202 100

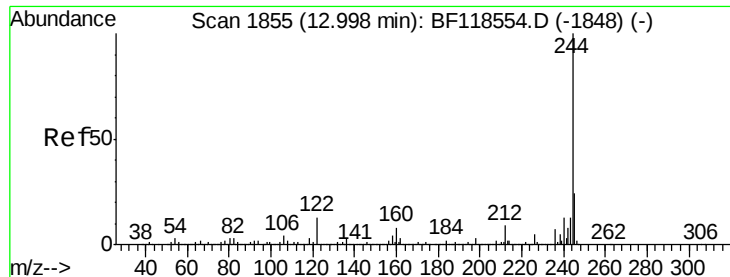
200 29.1 20.2 30.4

203 23.3 16.6 25.0



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: 134.254 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

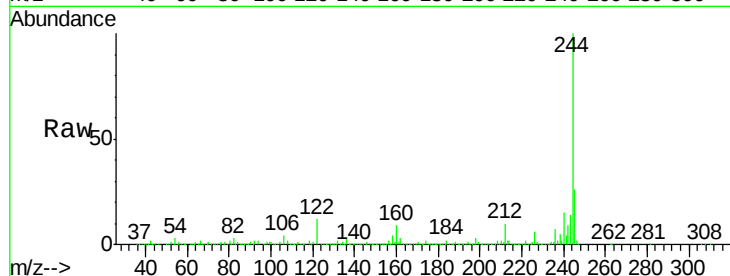
Tot Ion:244 Resp: 6990323

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

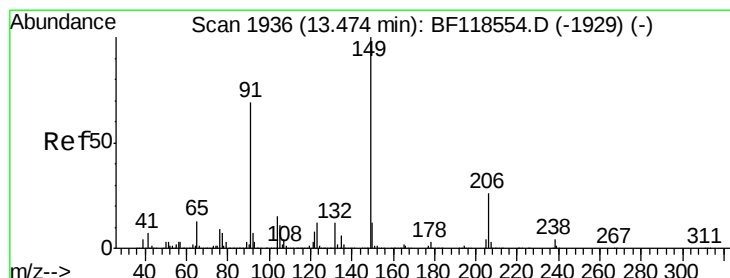
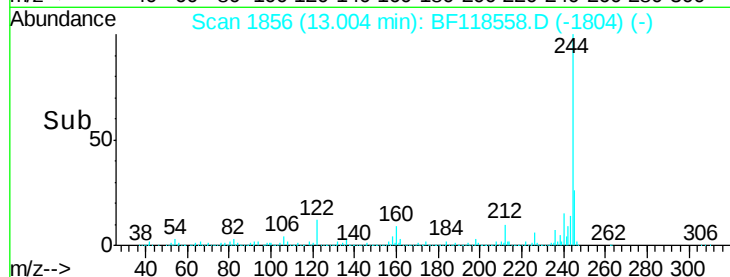
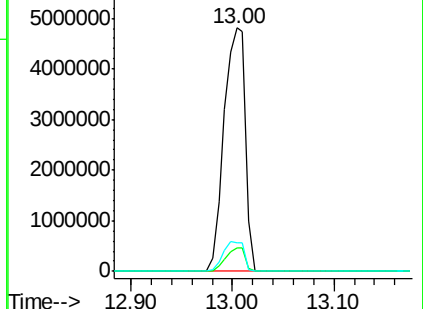
122 11.9 10.4 15.6



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: 79.463 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

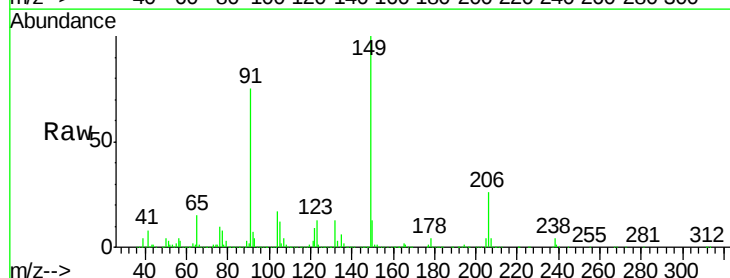
Tgt Ion:149 Resp: 2593612

Ion Ratio Lower Upper

149 100

91 75.3 55.5 83.3

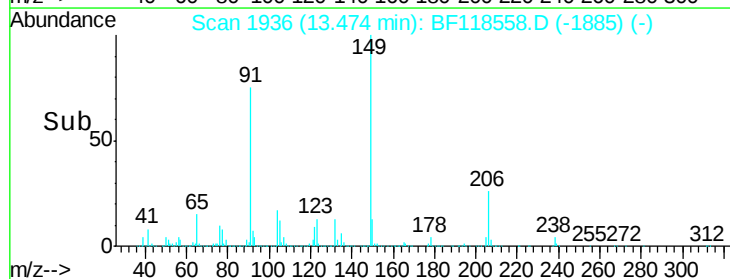
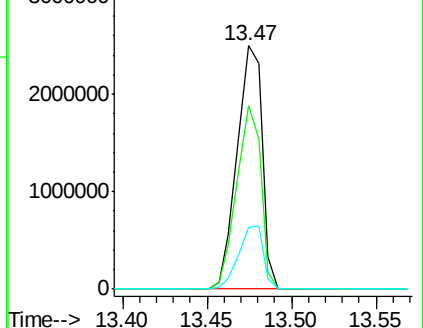
206 25.6 20.7 31.1

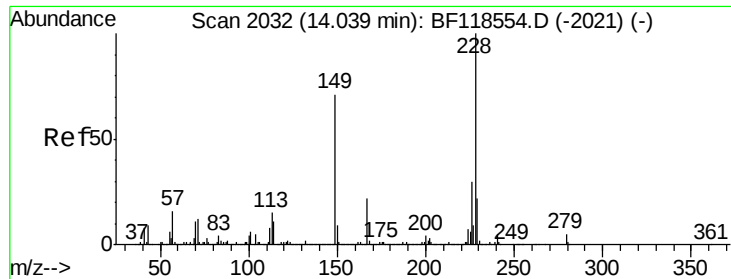


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 76.600 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampled :

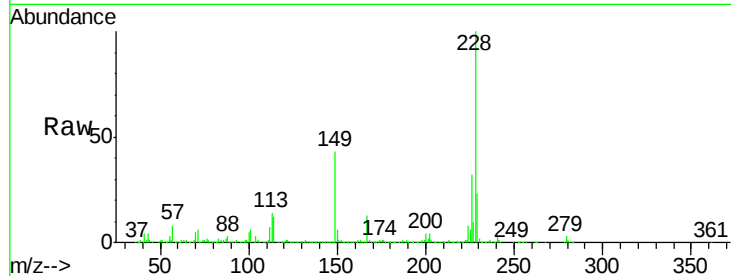
Tot Ion:228 Resp: 4581704

Ion Ratio Lower Upper

228 100

226 32.2 23.7 35.5

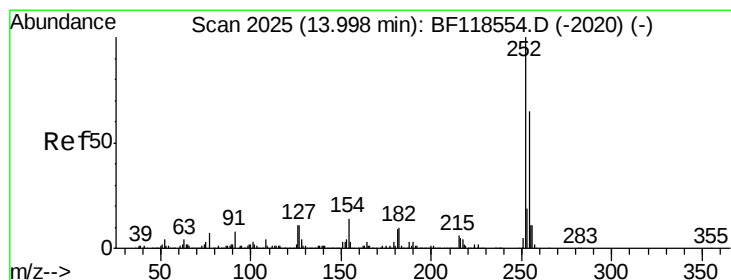
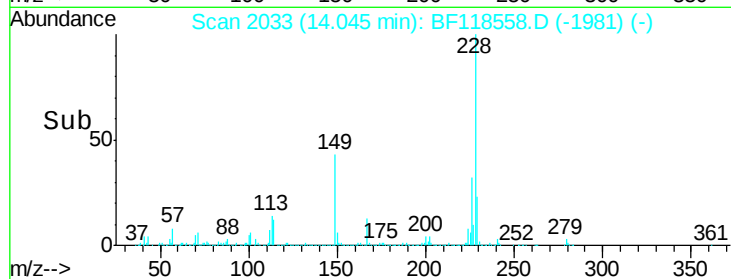
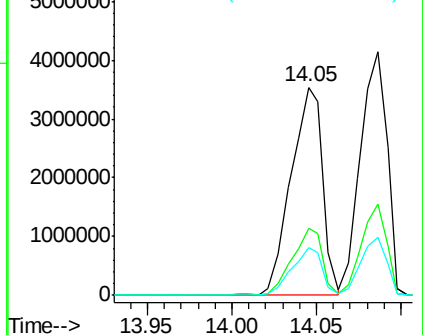
229 23.2 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 75.622 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

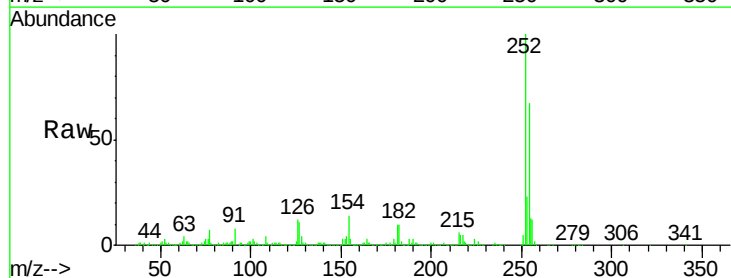
Tgt Ion:252 Resp: 1535774

Ion Ratio Lower Upper

252 100

254 66.6 52.0 78.0

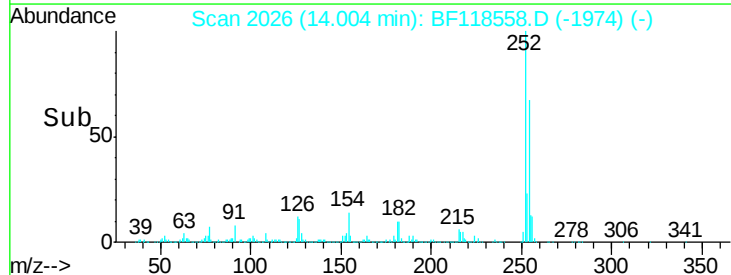
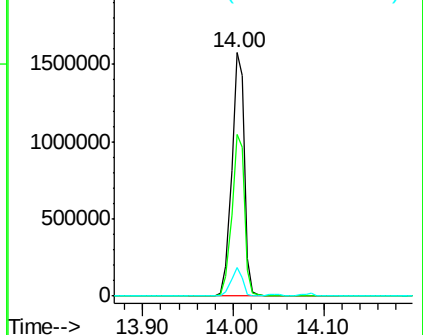
126 11.7 9.1 13.7

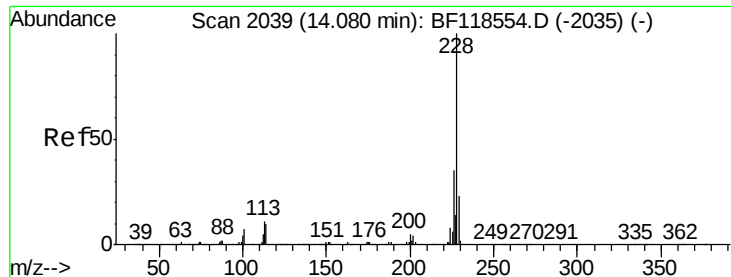


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

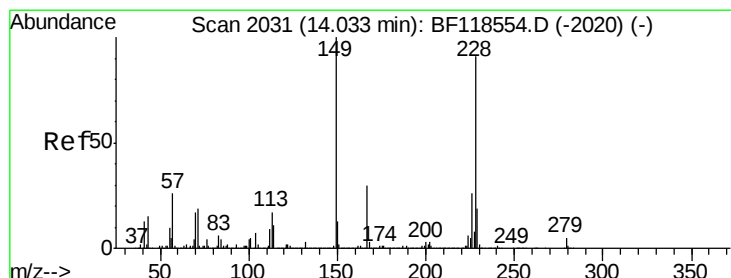
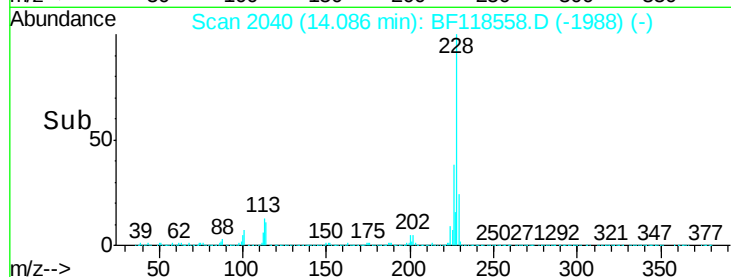
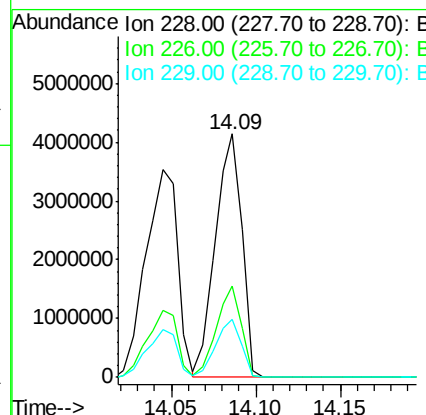
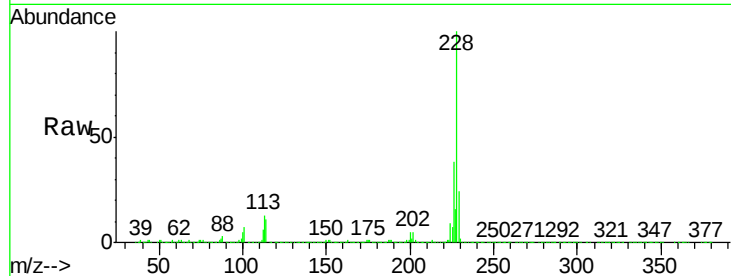




#83
 Chrvsene
 Concen: 79.124 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

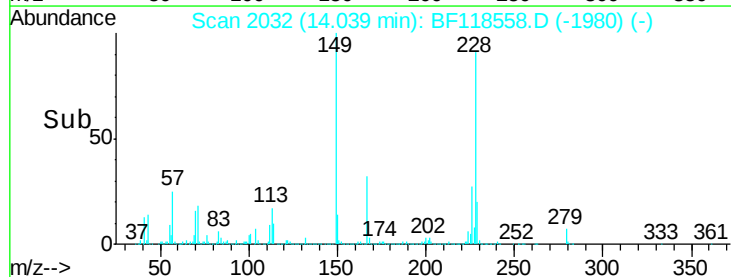
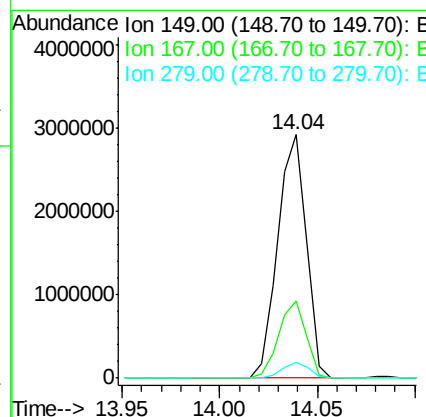
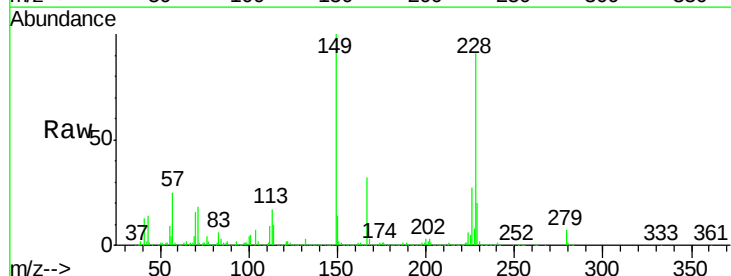
Instrument :
 BNA_F
 ClientSampleId :

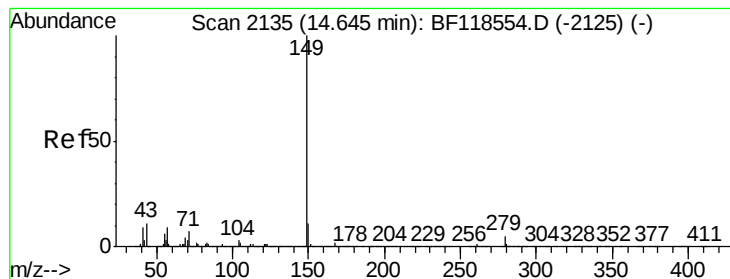
Tot Ion:228 Resp: 4536148
 Ion Ratio Lower Upper
 228 100
 226 37.8 28.2 42.2
 229 24.0 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.923 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF118558.D
 Acq: 17 Jan 2020 13:26

Tgt Ion:149 Resp: 2961926
 Ion Ratio Lower Upper
 149 100
 167 32.0 23.9 35.9
 279 6.7 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 71.573 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

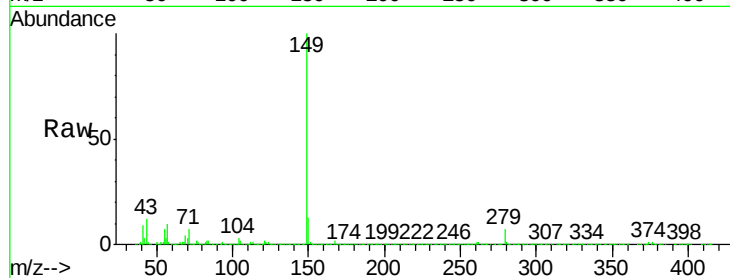
Tot Ion:149 Resp: 4669899

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

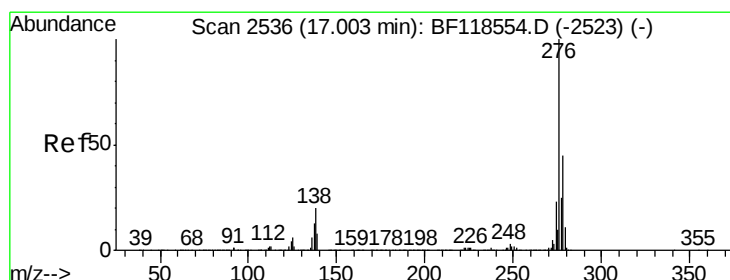
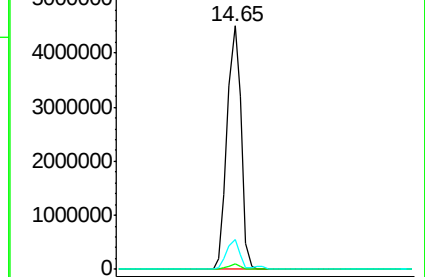
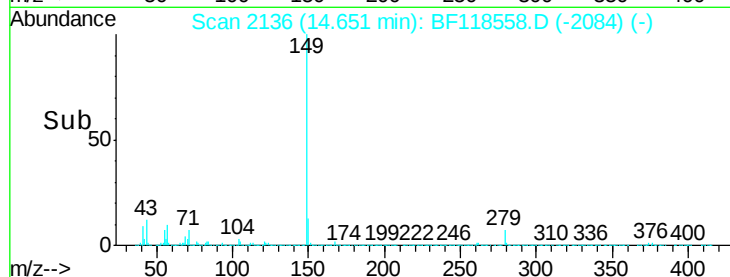
43 11.7 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 116.178 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

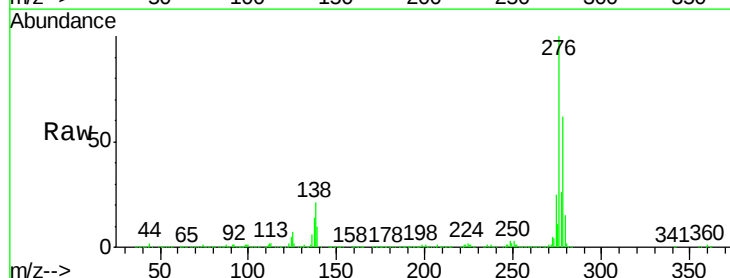
Tgt Ion:276 Resp: 6258834

Ion Ratio Lower Upper

276 100

138 22.0 17.3 25.9

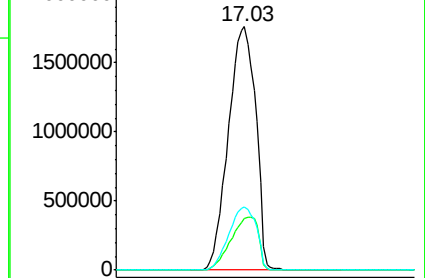
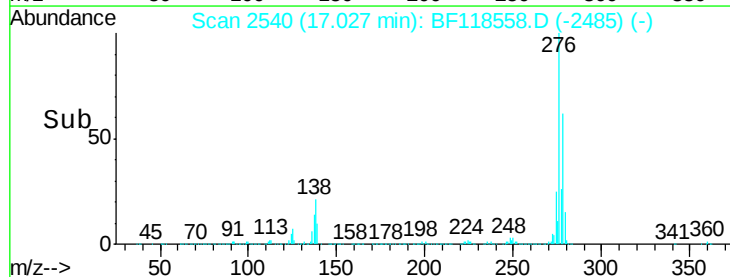
277 26.2 20.5 30.7

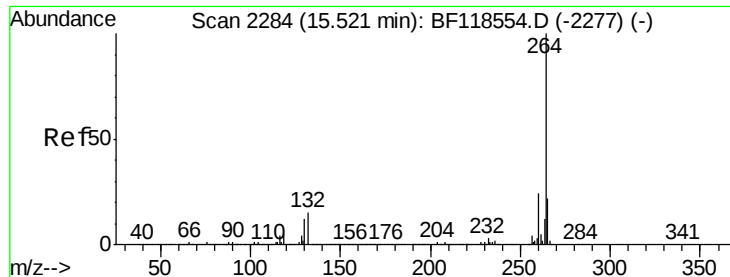


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

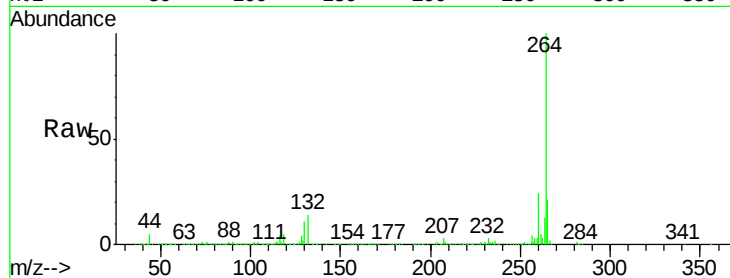
Tot Ion:264 Resp: 895072

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

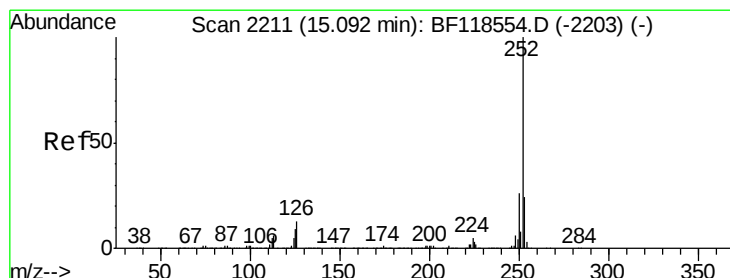
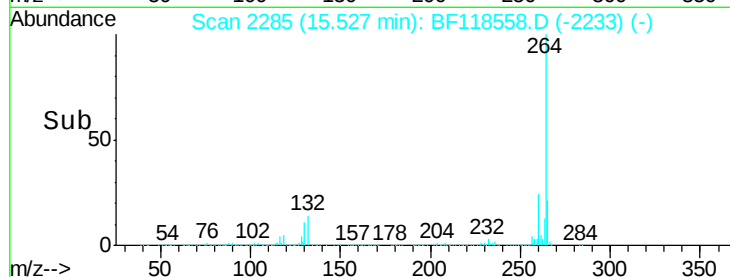
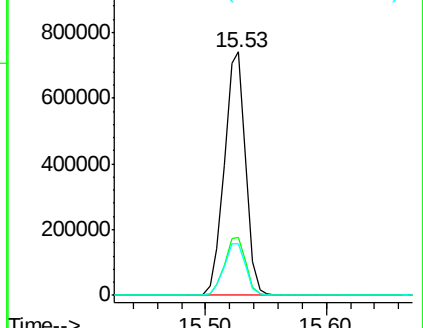
265 21.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 89.380 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

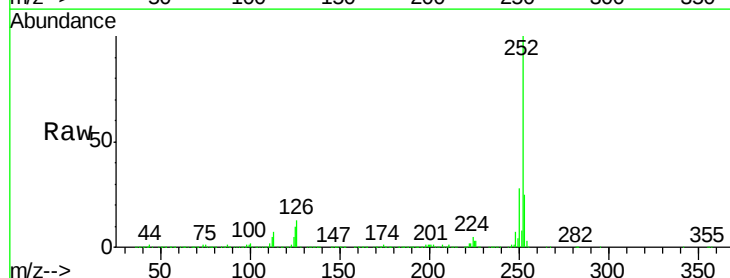
Tgt Ion:252 Resp: 5127155

Ion Ratio Lower Upper

252 100

253 25.3 19.1 28.7

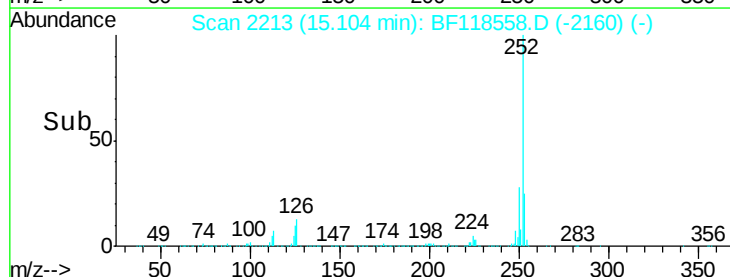
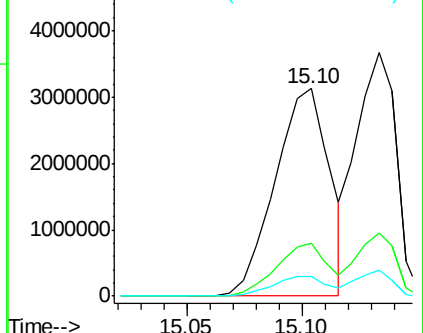
125 9.6 7.5 11.3

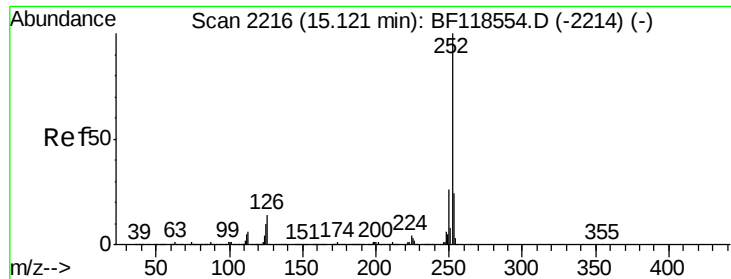


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 84.527 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Instrument :

BNA_F

ClientSampleId :

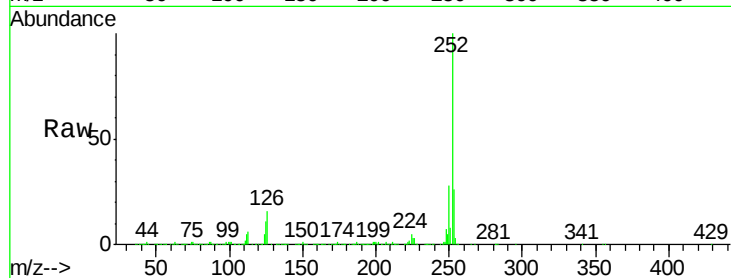
Tot Ion:252 Resp: 4392161

Ion Ratio Lower Upper

252 100

253 25.8 19.0 28.4

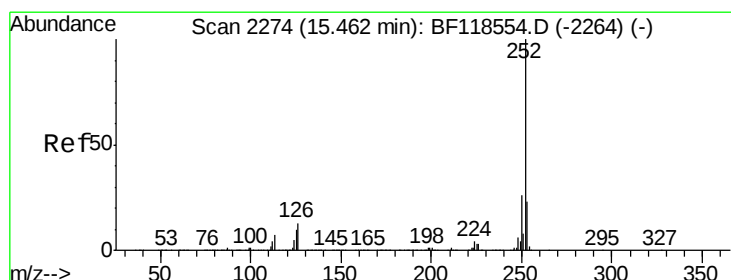
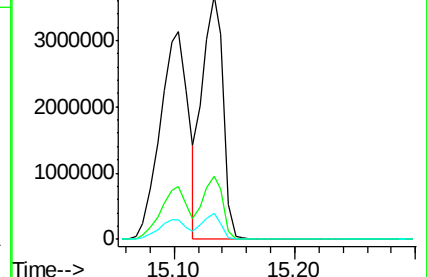
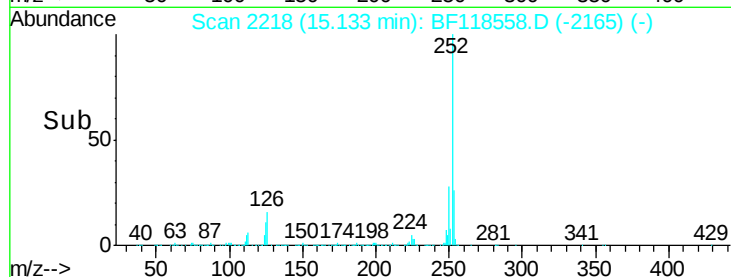
125 10.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 89.439 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

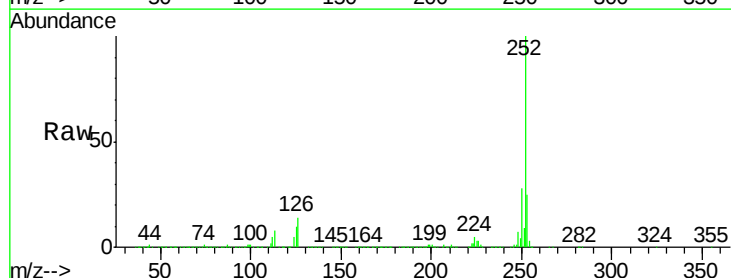
Tgt Ion:252 Resp: 4571952

Ion Ratio Lower Upper

252 100

253 25.0 18.3 27.5

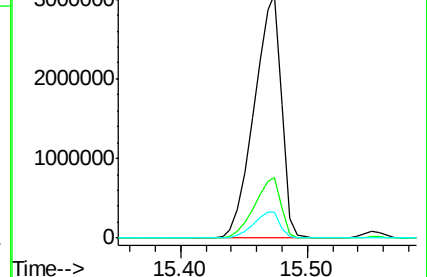
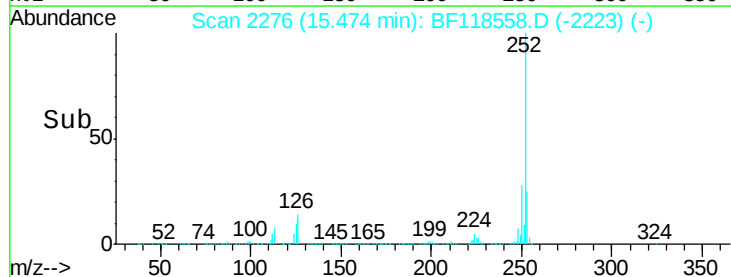
125 10.4 7.8 11.6

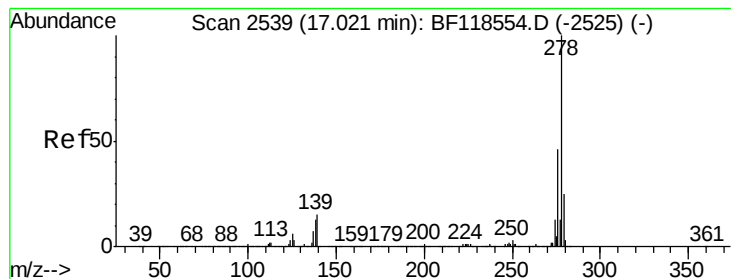


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 107.591 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.03 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

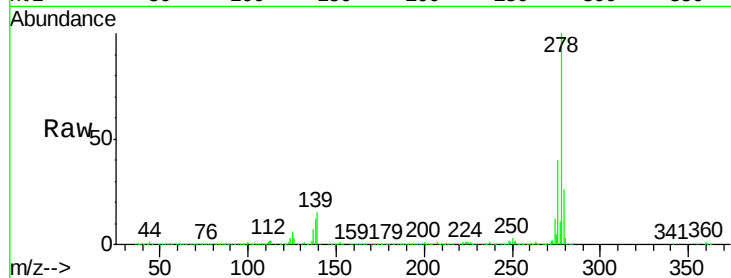
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 4993919

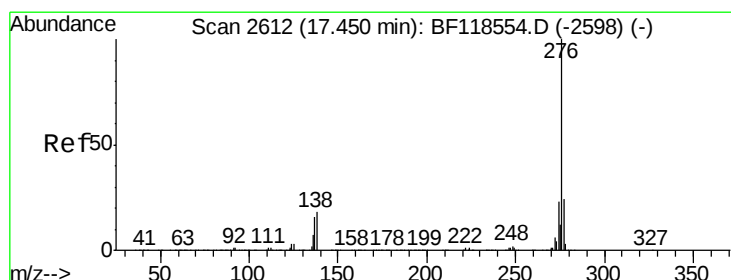
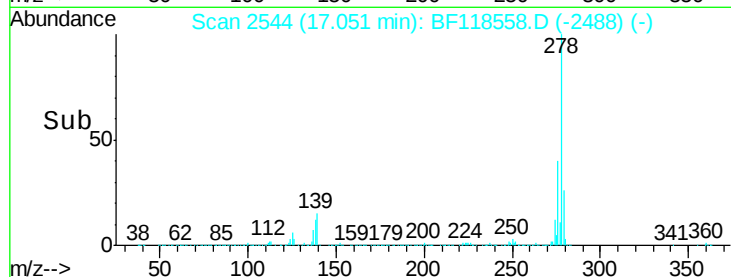
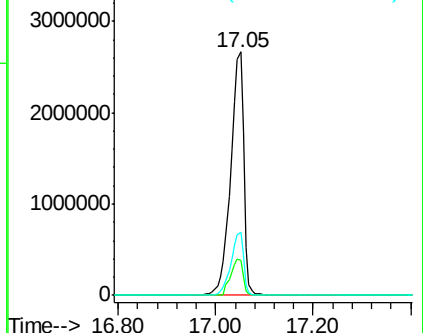
Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	26.2	20.0	30.0



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: 112.043 ng

RT: 17.48 min Scan# 2617

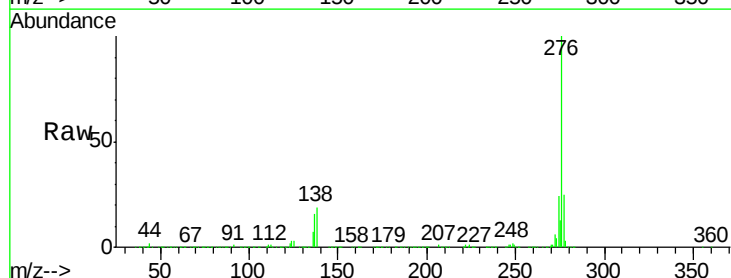
Delta R.T. 0.03 min

Lab File: BF118558.D

Acq: 17 Jan 2020 13:26

Tgt Ion:276 Resp: 5059311

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.1	28.7
138	19.2	14.7	22.1



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

