

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118118.D
 Acq On : 6 Dec 2019 16:50
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 17:25:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146233	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	516366	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	265886	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	494904	20.00	ng	0.00
76) Chrysene-d12	14.07	240	296588	20.00	ng	0.00
87) Perylene-d12	15.56	264	266286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1491498	180.54	ng	0.00
7) Phenol-d6	6.52	99	1809031	181.55	ng	0.02
23) Nitrobenzene-d5	7.45	82	1767000	203.42	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	617062	219.21	ng	0.01
45) 2-Fluorobiphenyl	9.25	172	3133933	211.46	ng	0.00
79) Terphenyl-d14	13.01	244	3411799	210.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	328352	85.030	ng	99
3) Pyridine	3.39	79	836637	82.593	ng	97
4) n-Nitrosodimethylamine	3.37	42	380449	86.039	ng	97
6) Aniline	6.55	93	1143228	86.822	ng	99
8) 2-Chlorophenol	6.66	128	832332	92.851	ng	95
9) Benzaldehyde	6.42	77	338992	54.462	ng	98
10) Phenol	6.53	94	1039515	100.393	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	774605	93.157	ng	97
12) 1,3-Dichlorobenzene	6.82	146	982264	93.074	ng	98
13) 1,4-Dichlorobenzene	6.89	146	975545	91.450	ng	99
14) 1,2-Dichlorobenzene	7.05	146	906324	88.835	ng	97
15) Benzyl Alcohol	7.03	79	704827	91.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	890805	69.583	ng	94
17) 2-Methylphenol	7.13	107	686306	90.407	ng	98
18) Hexachloroethane	7.39	117	369010	94.165	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	558354	90.830	ng	100
20) 3+4-Methylphenols	7.29	107	807679	85.710	ng	# 90
22) Acetophenone	7.30	105	1152962	99.383	ng	97
24) Nitrobenzene	7.47	77	866045	96.645	ng	100
25) Isophorone	7.71	82	1513725	95.079	ng	100
26) 2-Nitrophenol	7.78	139	473001	108.446	ng	97
27) 2,4-Dimethylphenol	7.82	122	624995	92.217	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	966270	95.643	ng	99
29) 2,4-Dichlorophenol	8.03	162	706561	96.110	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	829116	97.230	ng	99
31) Naphthalene	8.19	128	2380465	98.888	ng	98
32) Benzoic acid	7.99	122	612130	107.868	ng	98
33) 4-Chloroaniline	8.25	127	1077521	99.985	ng	99
34) Hexachlorobutadiene	8.30	225	495629	99.411	ng	99
35) Caprolactam	8.65	113	177664	76.040	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	745214	99.883	ng	99
37) 2-Methylnaphthalene	8.88	142	1604222	98.631	ng	99
38) 1-Methylnaphthalene	8.98	142	1498906	97.478	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	766456	99.261	ng	99

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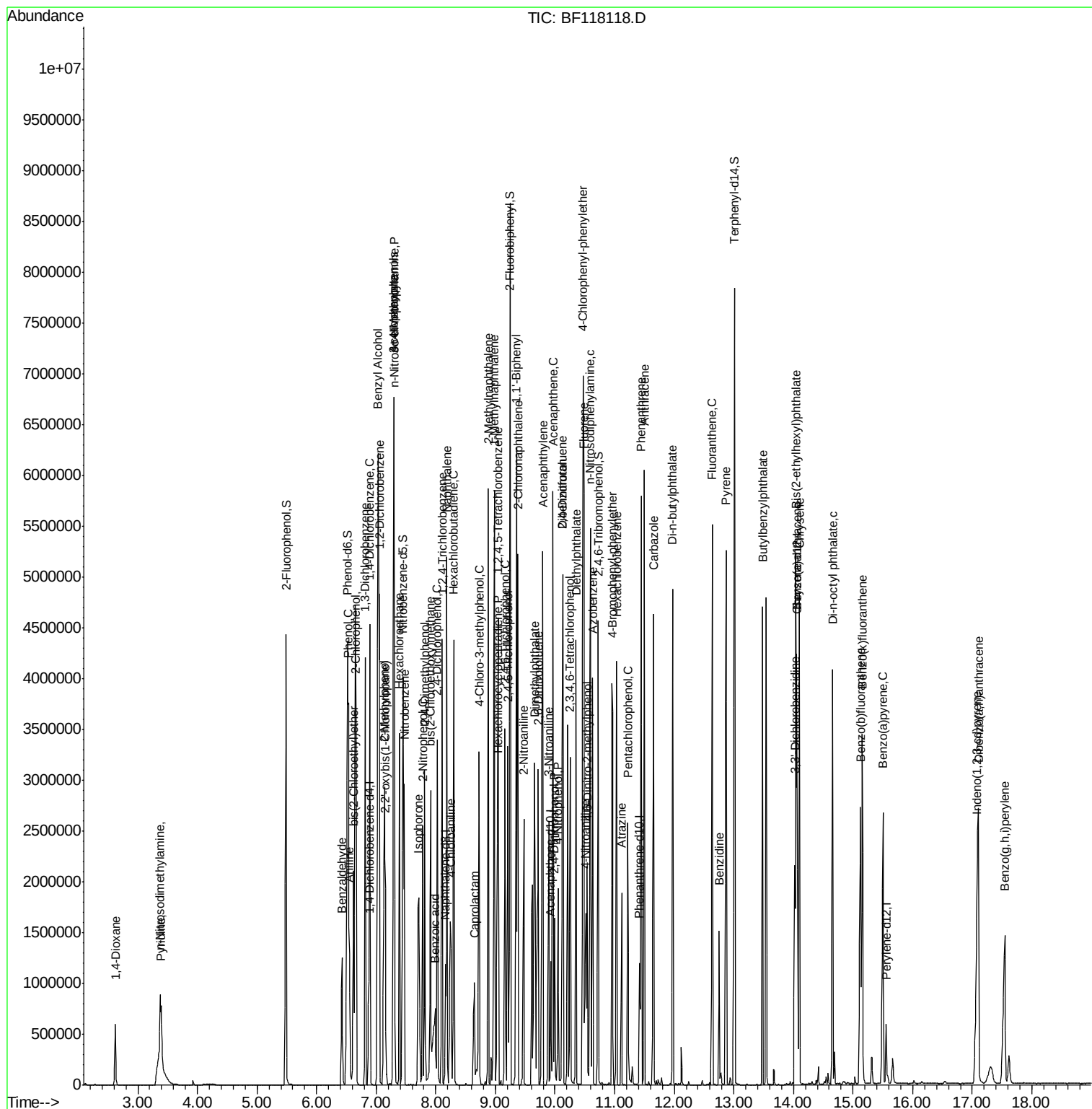
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	405914	93.805	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	515399	93.189	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	532027	92.650	ng	99
46) 1,1'-Biphenyl	9.35	154	1937549	98.222	ng	98
47) 2-Chloronaphthalene	9.37	162	1582574	97.522	ng	94
48) 2-Nitroaniline	9.47	65	469265	95.783	ng	95
49) Acenaphthylene	9.79	152	2249226	95.067	ng	99
50) Dimethylphthalate	9.66	163	1891774	101.463	ng	99
51) 2,6-Dinitrotoluene	9.72	165	417864	102.545	ng	94
52) Acenaphthene	9.96	154	1415615	93.402	ng	99
53) 3-Nitroaniline	9.89	138	479751	98.391	ng	99
54) 2,4-Dinitrophenol	10.00	184	243134	134.403	ng	# 87
55) Dibenzofuran	10.13	168	2004267	95.498	ng	97
56) 4-Nitrophenol	10.05	139	350708	96.359	ng	98
57) 2,4-Dinitrotoluene	10.13	165	539395	104.058	ng	95
58) Fluorene	10.48	166	1599255	98.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	425073	90.092	ng	99
60) Diethylphthalate	10.35	149	1828783	100.606	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	800284	96.961	ng	95
62) 4-Nitroaniline	10.52	138	504711	103.380	ng	99
63) Azobenzene	10.63	77	1548798	93.654	ng	94
65) 4,6-Dinitro-2-methylphenol	10.54	198	290901	125.910	ng	99
66) n-Nitrosodiphenylamine	10.59	169	1442422	100.146	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	535958	100.368	ng	97
68) Hexachlorobenzene	11.03	284	634696	101.932	ng	# 92
69) Atrazine	11.12	200	229514	48.442	ng	99
70) Pentachlorophenol	11.22	266	302812	83.240	ng	97
71) Phenanthrene	11.45	178	2398069	96.377	ng	98
72) Anthracene	11.50	178	2385842	96.710	ng	97
73) Carbazole	11.65	167	2156477	100.031	ng	98
74) Di-n-butylphthalate	11.97	149	2657425	99.004	ng	98
75) Fluoranthene	12.64	202	2384342	99.055	ng	96
77) Benzidine	12.75	184	539316	55.514	ng	# 94
78) Pyrene	12.87	202	2401425	100.189	ng	99
80) Butylbenzylphthalate	13.48	149	1078328	104.747	ng	100
81) Benzo(a)anthracene	14.06	228	1931643	98.558	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	499673	72.885	ng	98
83) Chrysene	14.10	228	1841119	96.945	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1372909	110.002	ng	# 97
85) Di-n-octyl phthalate	14.66	149	1923445	104.904	ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	1794883	111.045	ng	99
88) Benzo(b)fluoranthene	15.12	252	1724868	99.699	ng	100
89) Benzo(k)fluoranthene	15.16	252	1524641	93.529	ng	# 98
90) Benzo(a)pyrene	15.50	252	1502670	98.774	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	1443795	110.261	ng	99
92) Benzo(g,h,i)perylene	17.54	276	1454108	111.492	ng	98

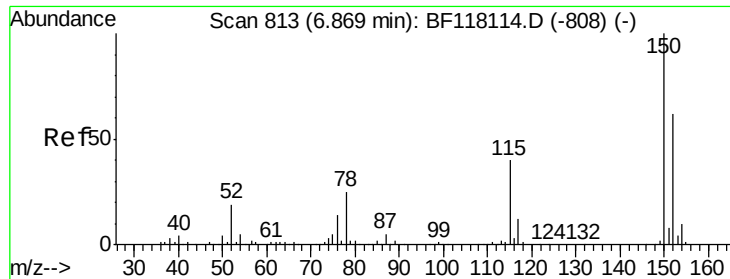
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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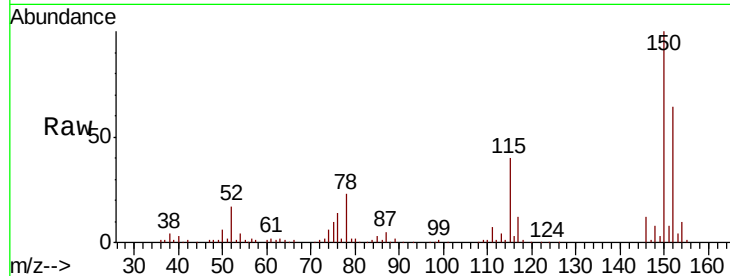


#1

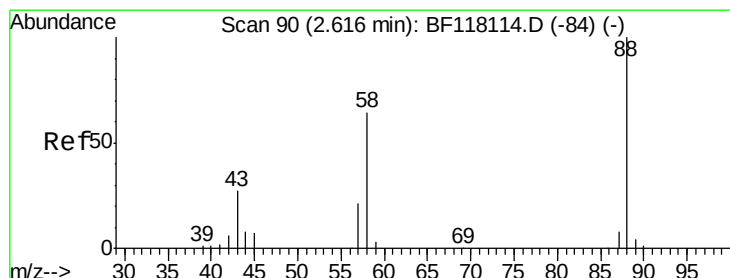
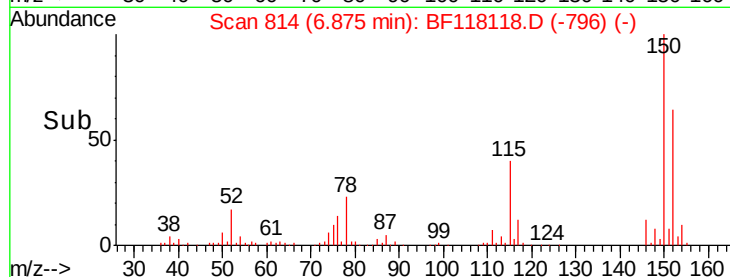
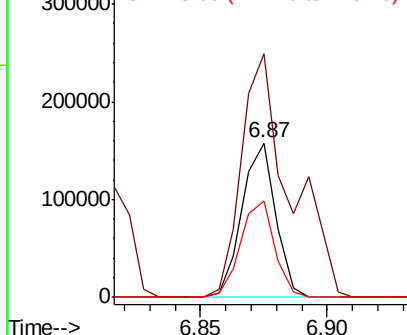
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146233
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 62.3 51.1 76.7



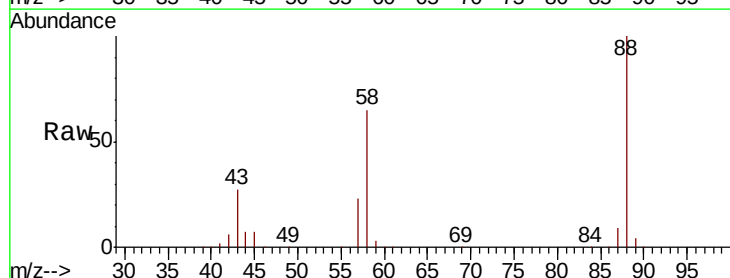
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



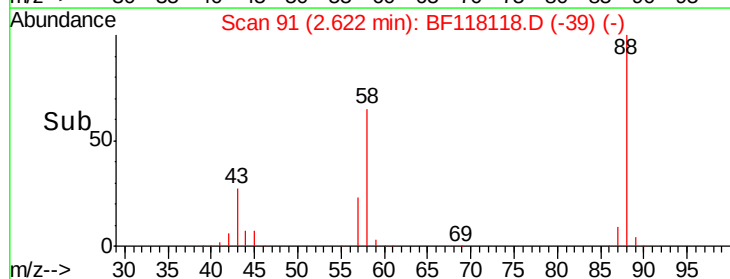
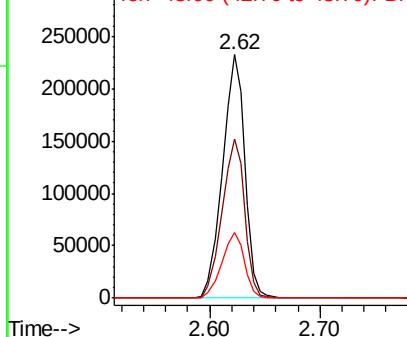
#2

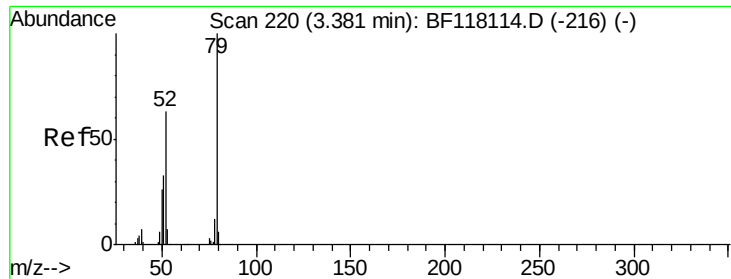
1,4-Dioxane
Concen: 85.030 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion: 88 Resp: 328352
Ion Ratio Lower Upper
88 100
58 66.2 52.2 78.4
43 26.9 21.4 32.2



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: 82.593 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

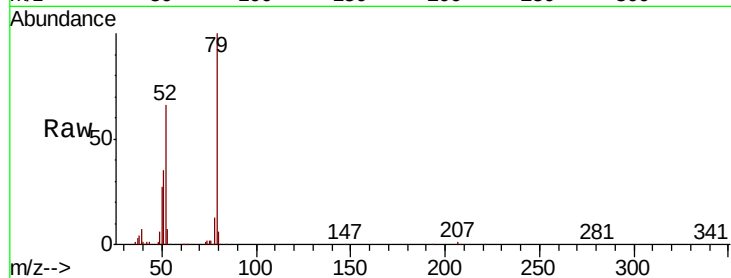
Tot Ion: 79 Resp: 836637

Ion Ratio Lower Upper

79 100

52 66.0 50.7 76.1

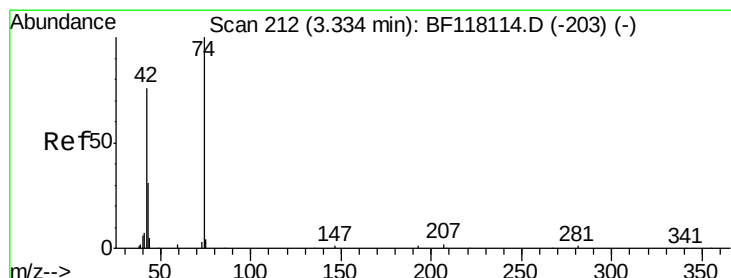
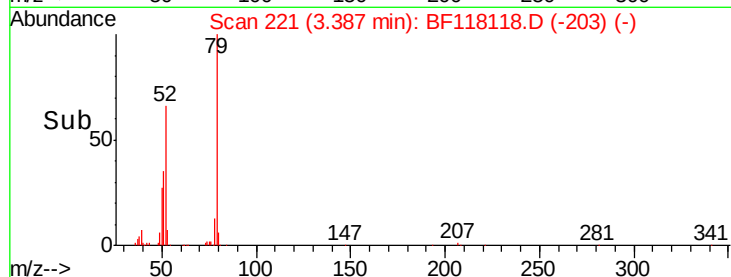
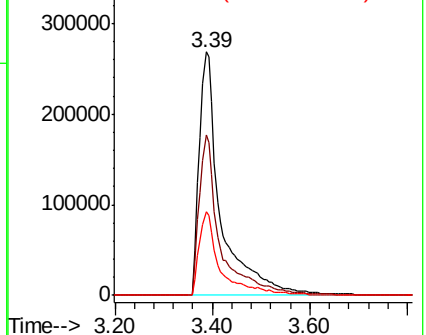
51 34.6 26.4 39.6



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: 86.039 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

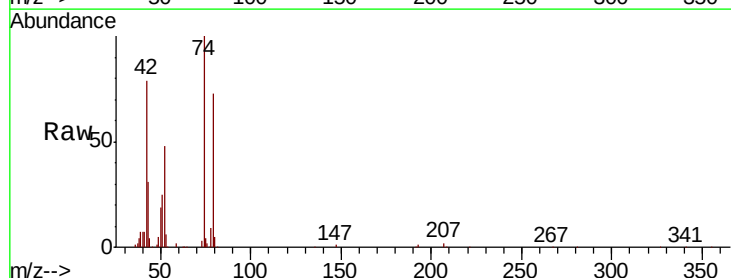
Tgt Ion: 42 Resp: 380449

Ion Ratio Lower Upper

42 100

74 127.2 104.6 157.0

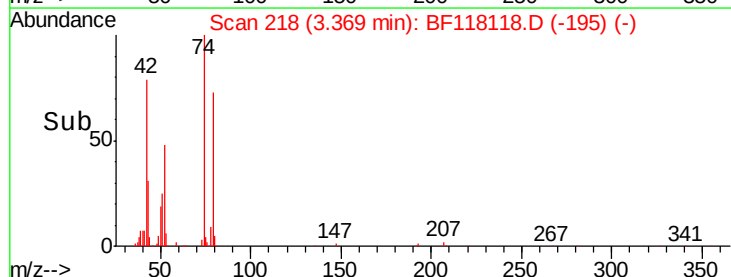
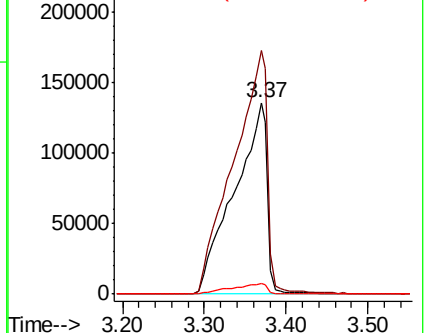
44 5.6 5.1 7.7

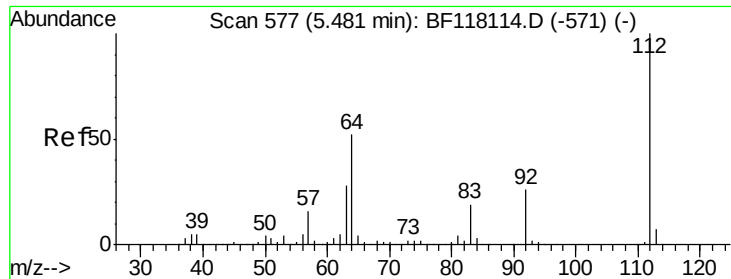


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 180.541 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampled :

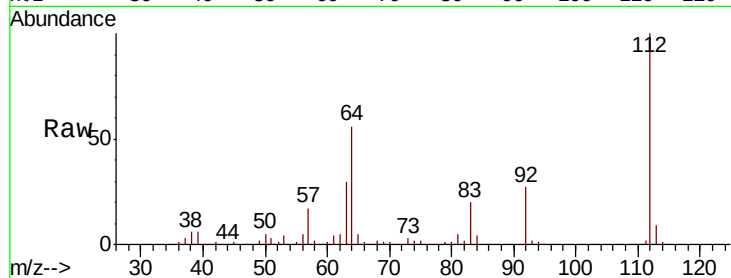
Tot Ion:112 Resp: 1491498

Ion Ratio Lower Upper

112 100

64 55.8 41.3 61.9

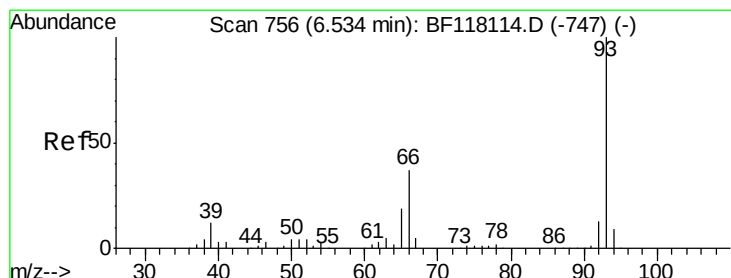
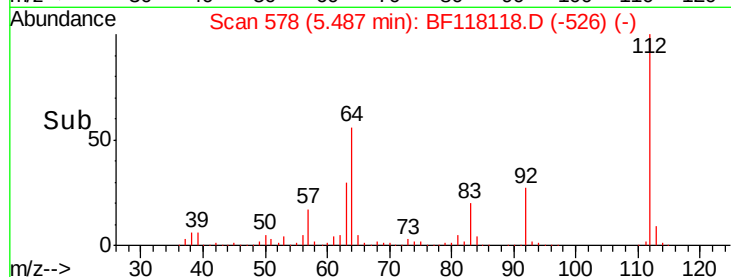
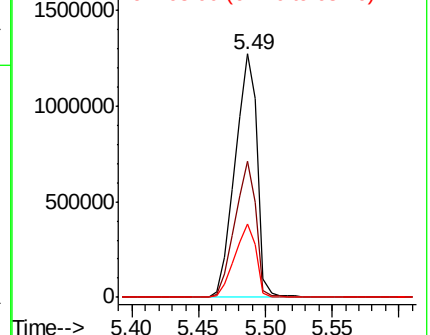
63 30.4 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 86.822 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

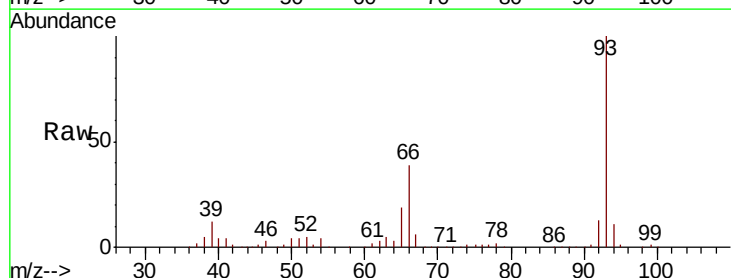
Tgt Ion: 93 Resp: 1143228

Ion Ratio Lower Upper

93 100

66 38.9 30.2 45.2

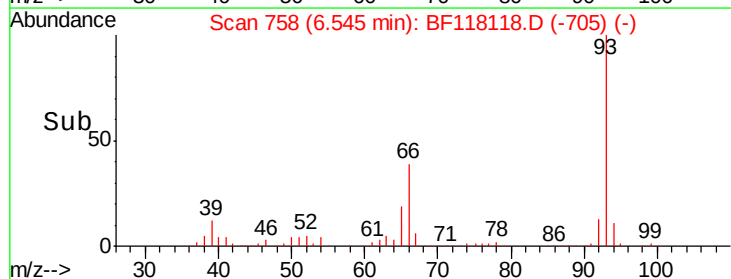
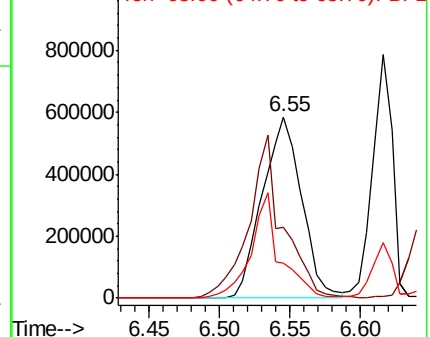
65 19.4 15.5 23.3

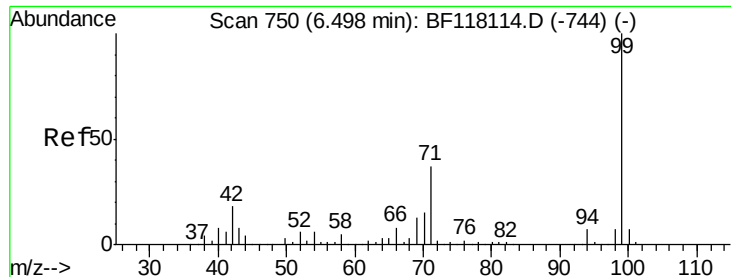


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 181.549 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampled :

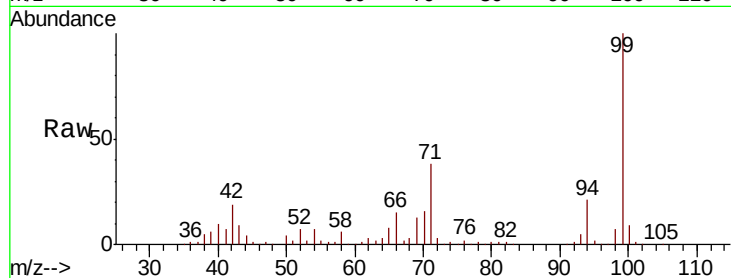
Tot Ion: 99 Resp: 1809031

Ion Ratio Lower Upper

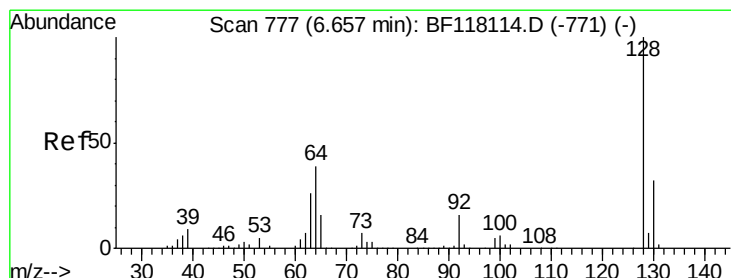
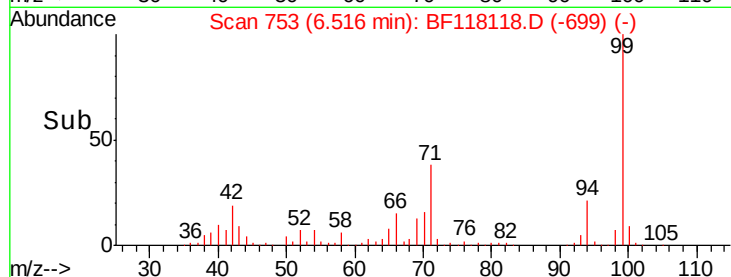
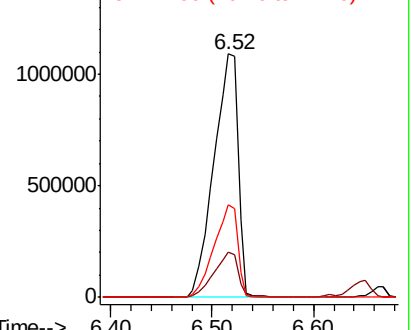
99 100

42 18.6 14.1 21.1

71 38.0 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 92.851 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

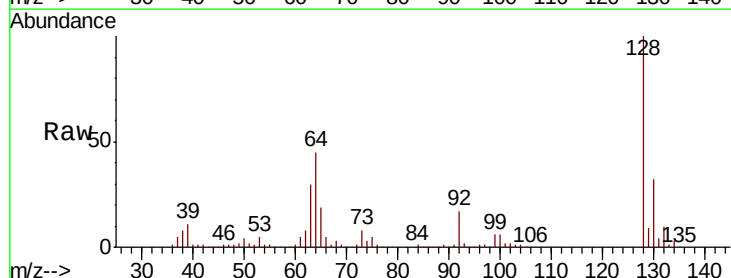
Tgt Ion: 128 Resp: 832332

Ion Ratio Lower Upper

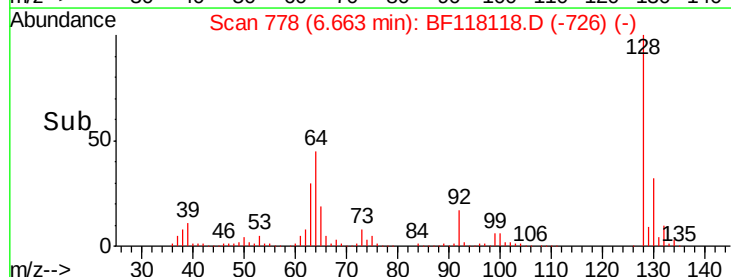
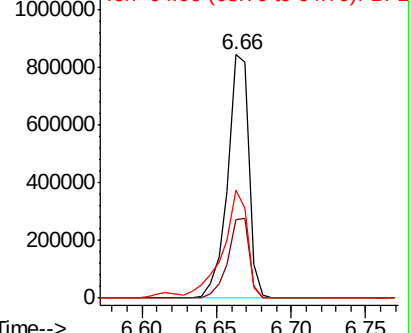
128 100

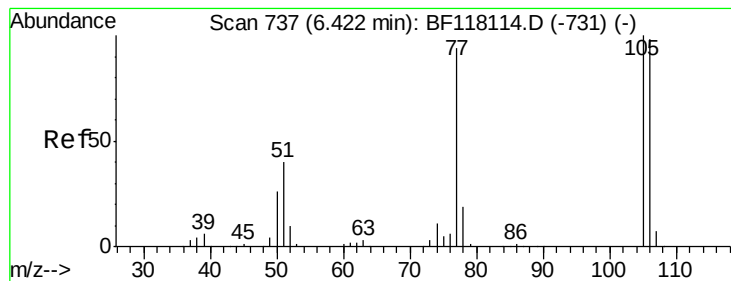
130 32.4 12.1 52.1

64 44.5 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 54.462 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

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ClientSampleId :

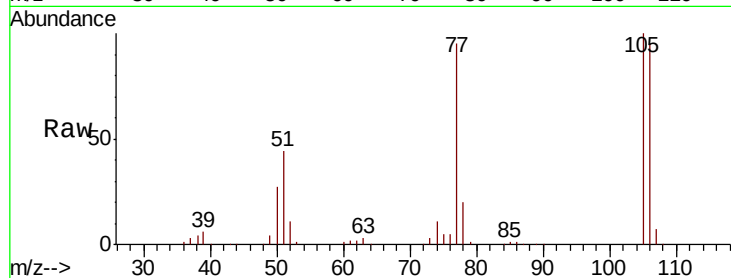
Tot Ion: 77 Resp: 338992

Ion Ratio Lower Upper

77 100

105 105.7 86.4 126.4

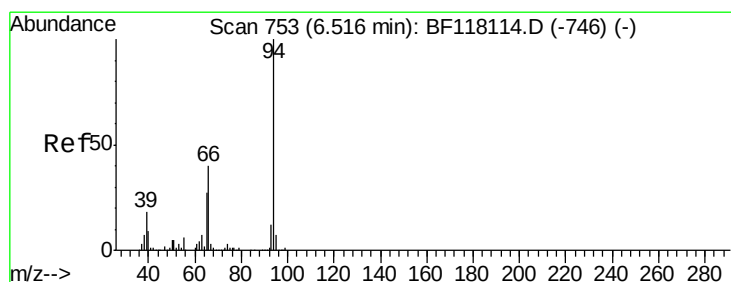
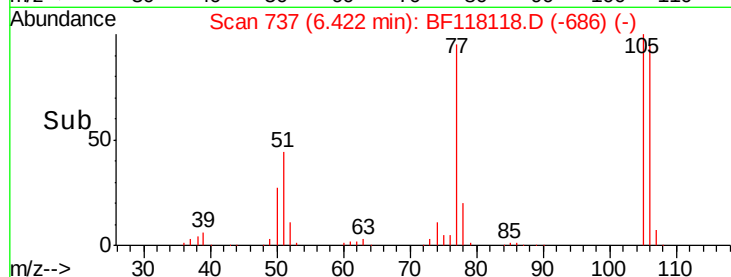
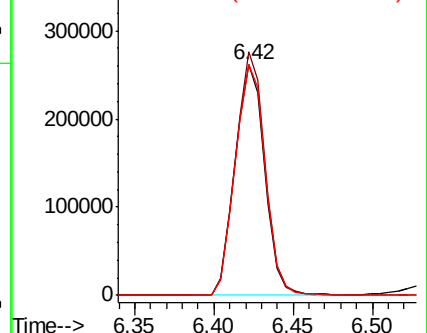
106 100.4 83.8 123.8



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: 100.393 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

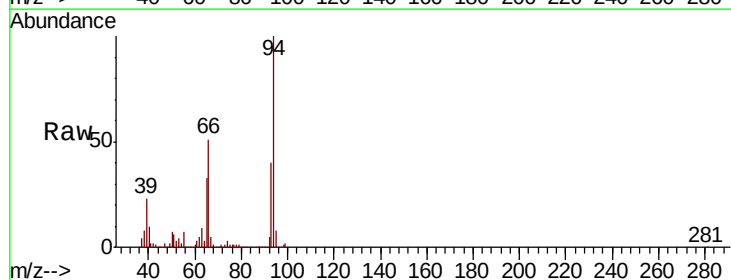
Tgt Ion: 94 Resp: 1039515

Ion Ratio Lower Upper

94 100

65 33.2 7.3 47.3

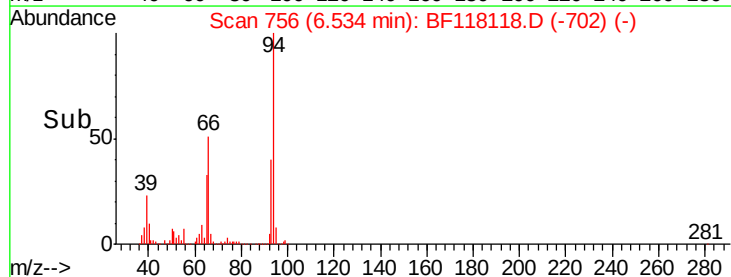
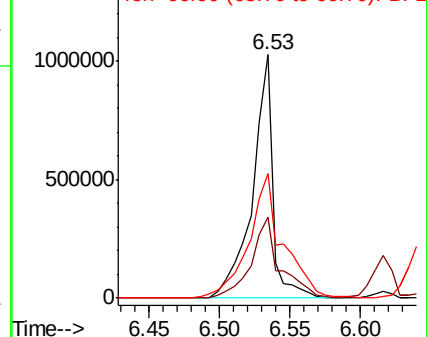
66 51.1 20.2 60.2

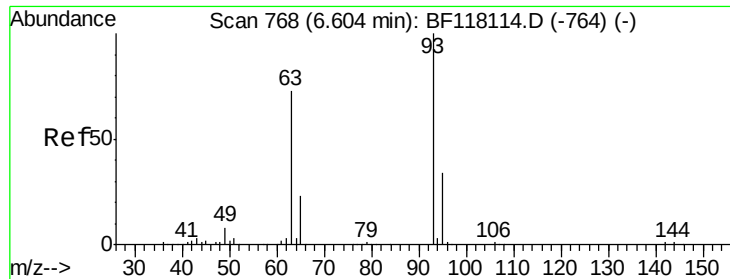


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

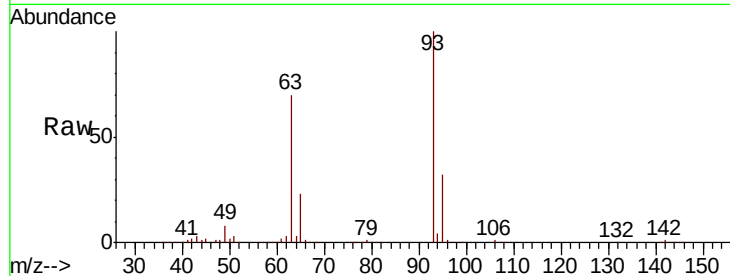




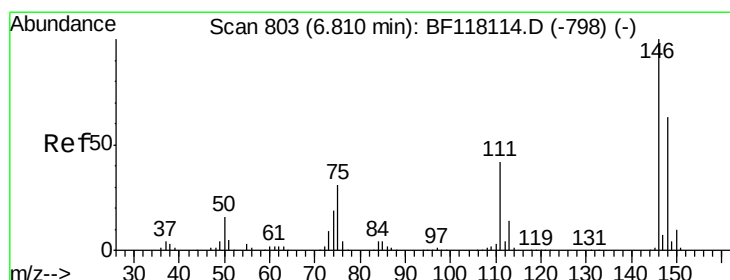
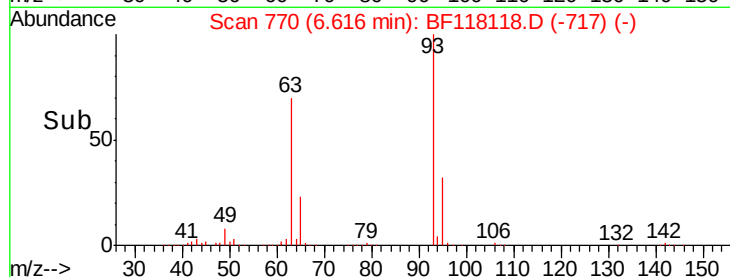
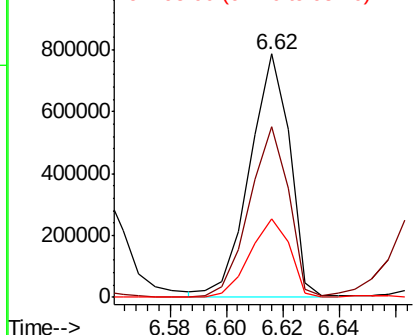
#11
bis(2-Chloroethyl)ether
Concen: 93.157 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 774605
Ion Ratio Lower Upper
93 100
63 70.3 53.2 93.2
95 32.2 13.8 53.8

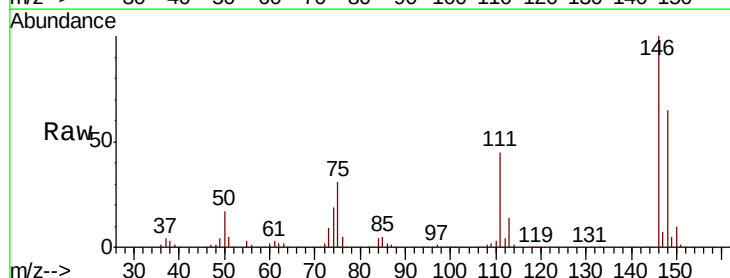


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

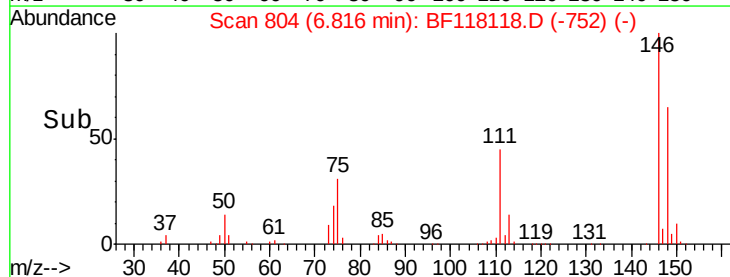
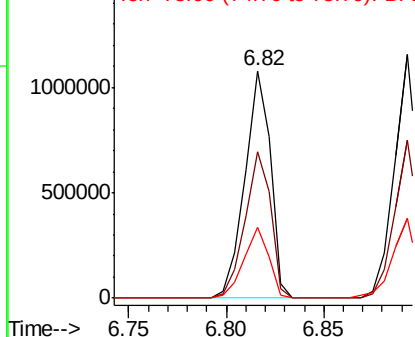


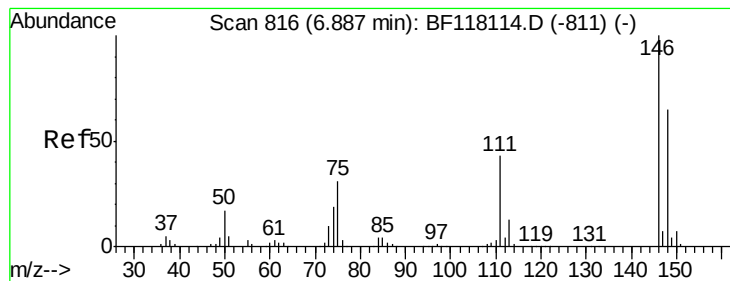
#12
1,3-Dichlorobenzene
Concen: 93.074 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion: 146 Resp: 982264
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 31.4 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 91.450 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

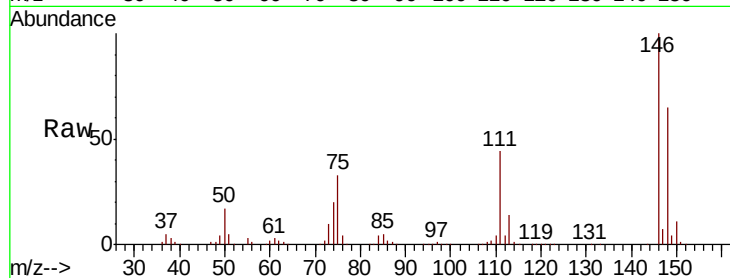
Tot Ion:146 Resp: 975545

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

111 44.1 34.6 52.0

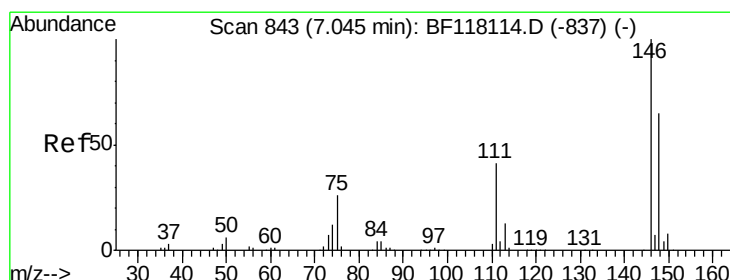
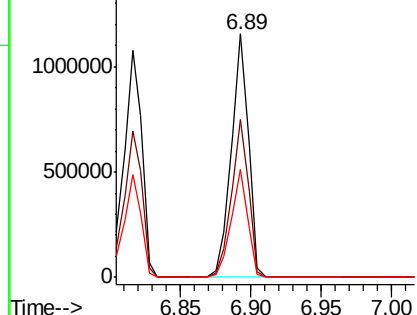
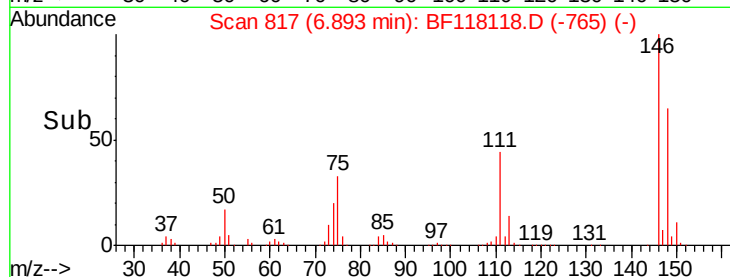


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 88.835 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

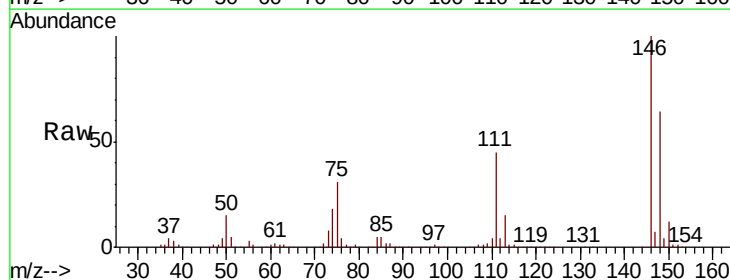
Tgt Ion:146 Resp: 906324

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 44.8 33.1 49.7

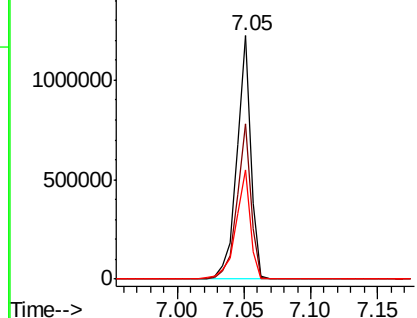
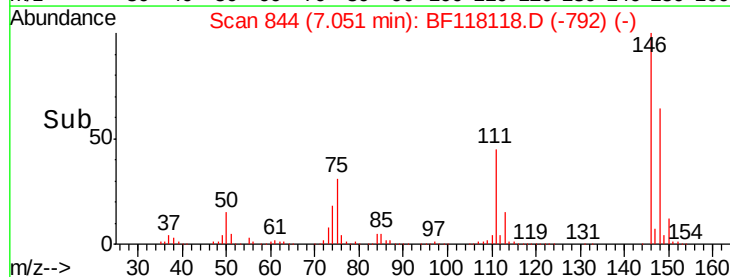


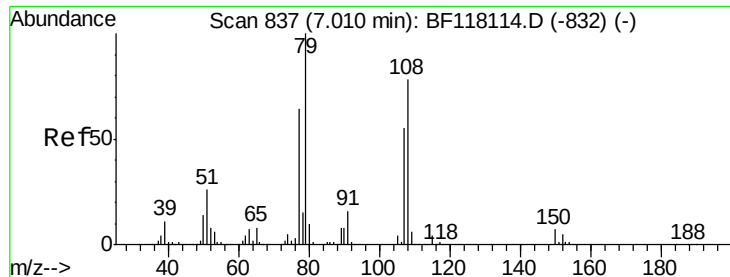
Abundance

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: 91.619 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

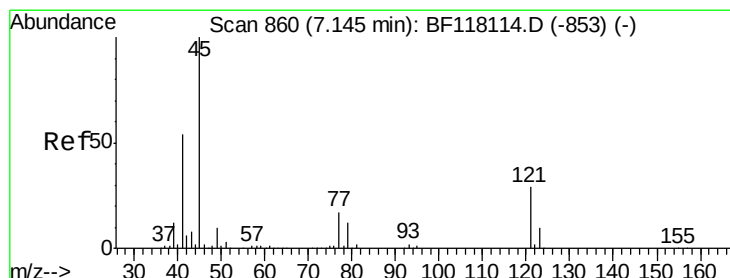
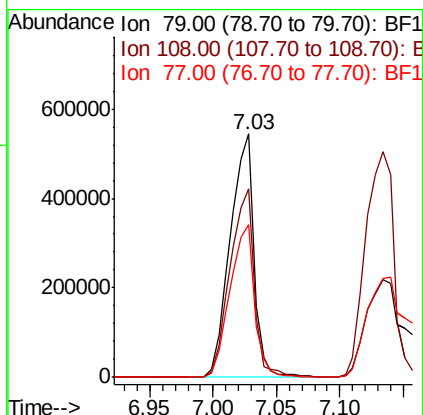
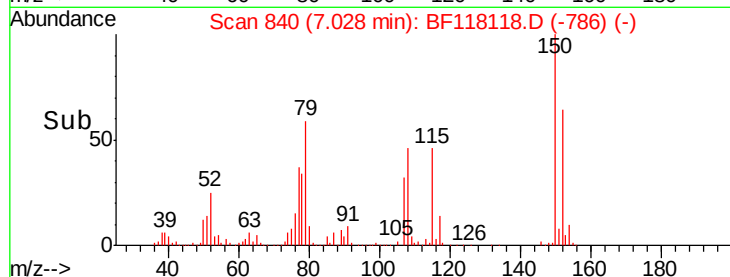
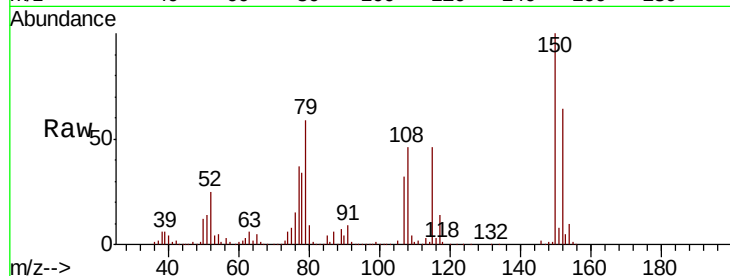
Tot Ion: 79 Resp: 704827

Ion Ratio Lower Upper

79 100

108 77.7 62.7 94.1

77 62.9 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.583 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

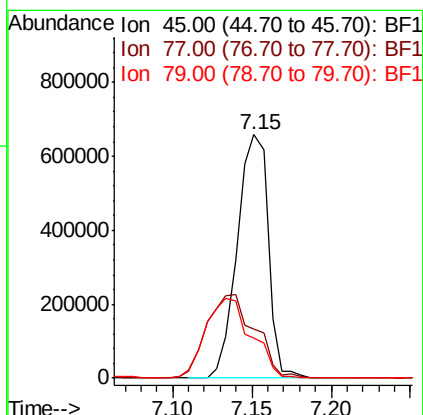
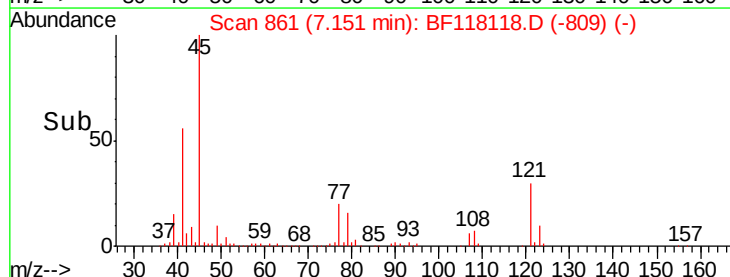
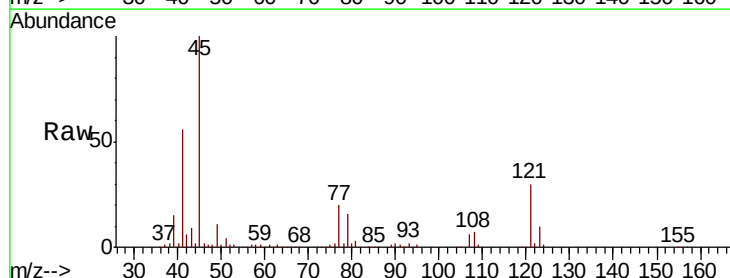
Tgt Ion: 45 Resp: 890805

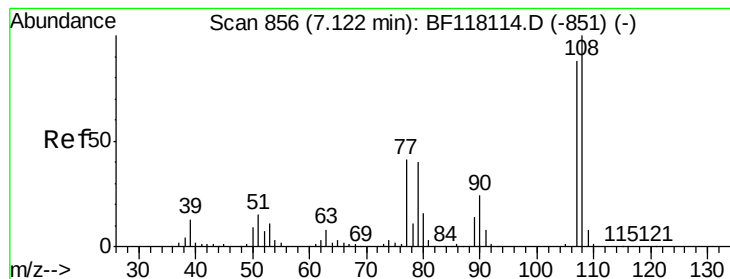
Ion Ratio Lower Upper

45 100

77 20.3 0.0 38.0

79 16.5 0.0 33.2

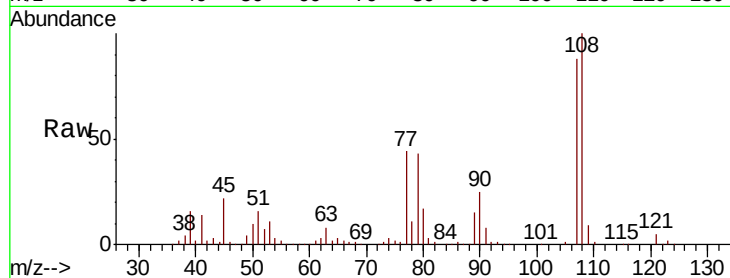




#17
2-Methylphenol
Concen: 90.407 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	686306
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	49.9	37.8	56.6
79	48.9	37.0	55.6



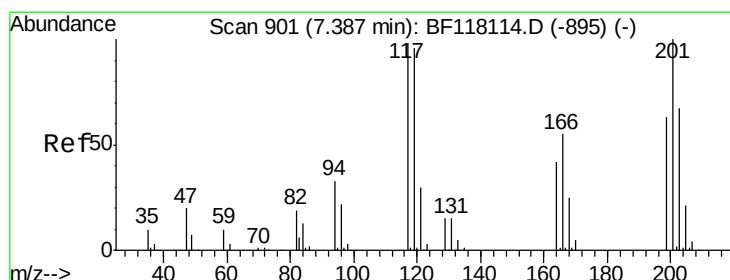
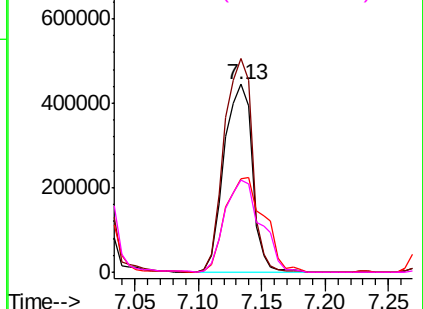
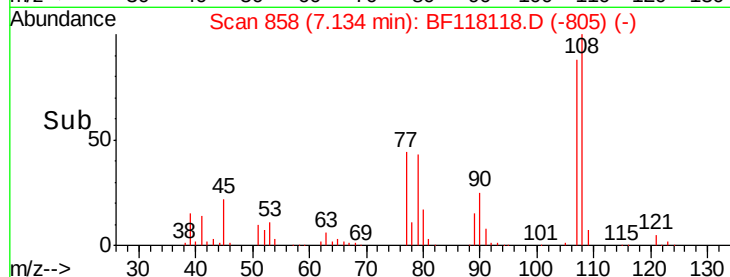
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

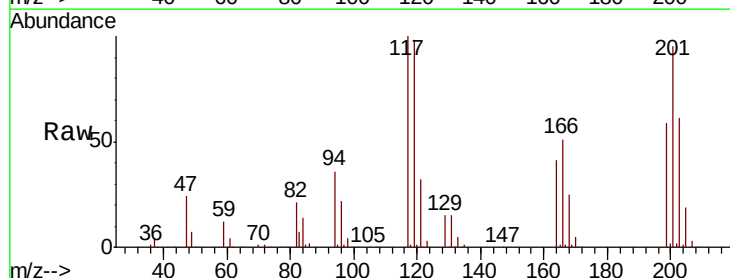
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 94.165 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:	117	Resp:	369010
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
201	94.6	81.6	122.4

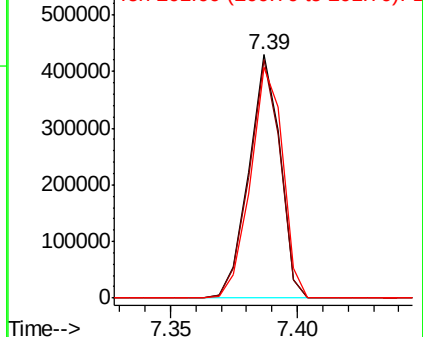
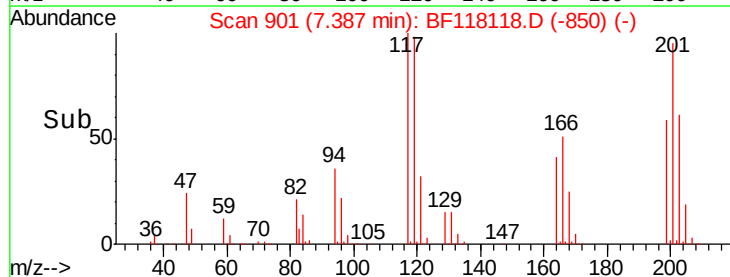


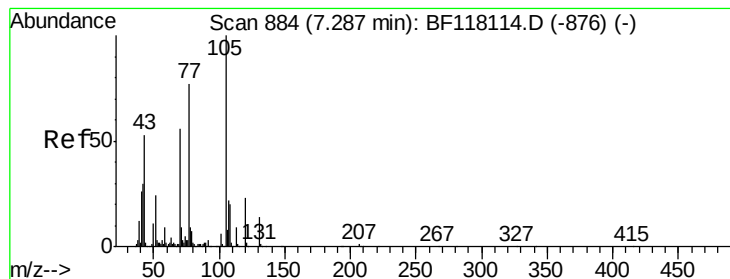
Abundance

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: 90.830 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 558354

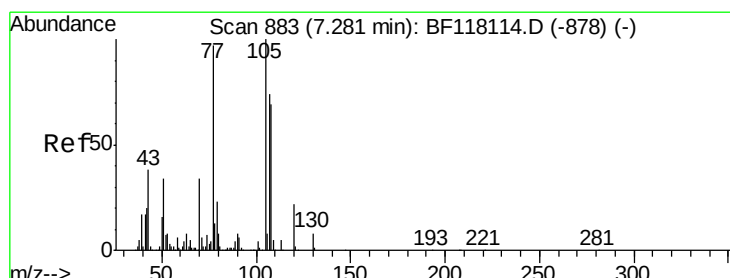
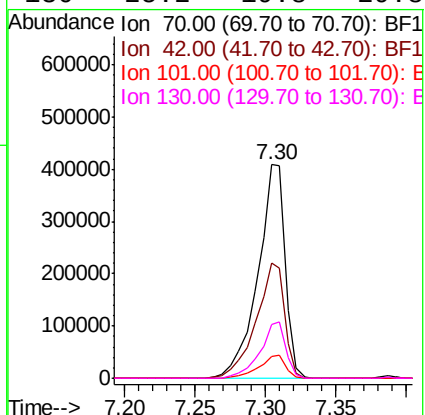
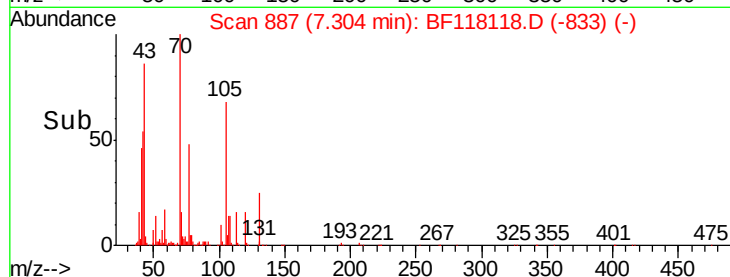
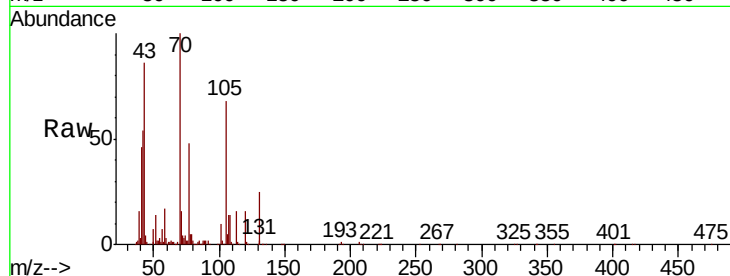
Ion Ratio Lower Upper

70 100

42 53.8 43.2 64.8

101 10.1 8.1 12.1

130 25.2 19.8 29.8



#20

3+4-Methylphenols

Concen: 85.710 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion: 107 Resp: 807679

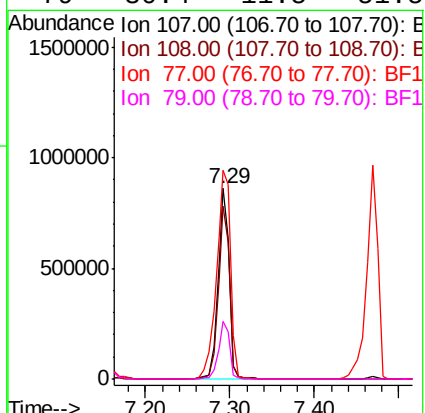
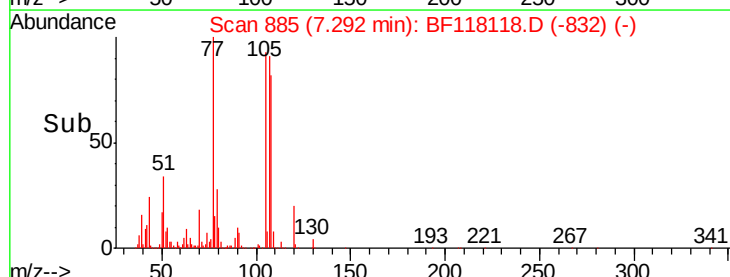
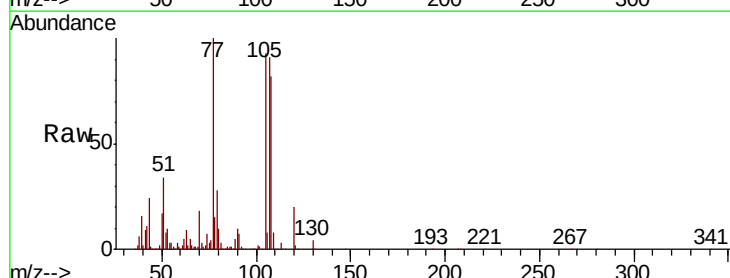
Ion Ratio Lower Upper

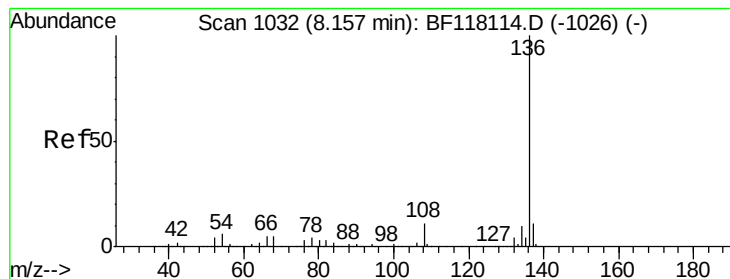
107 100

108 90.5 73.2 113.2

77 109.9 110.9 150.9#

79 30.4 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 516366

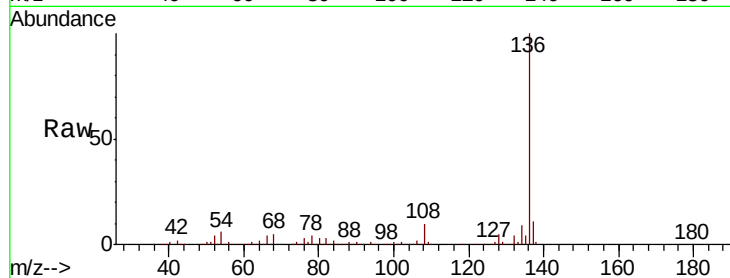
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.0 5.0 7.6

68 4.6 3.8 5.8

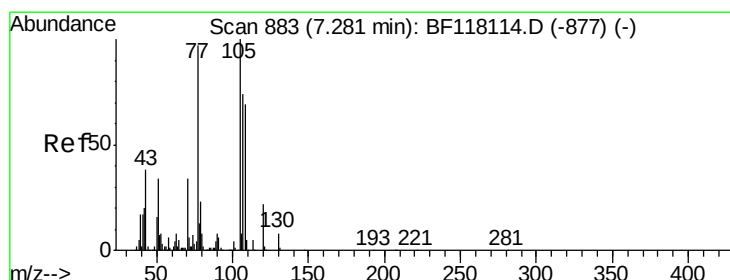
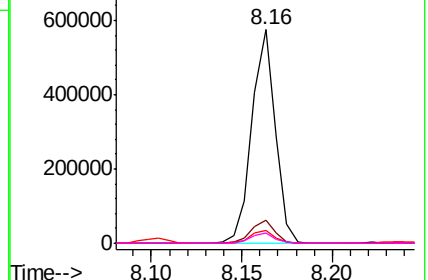
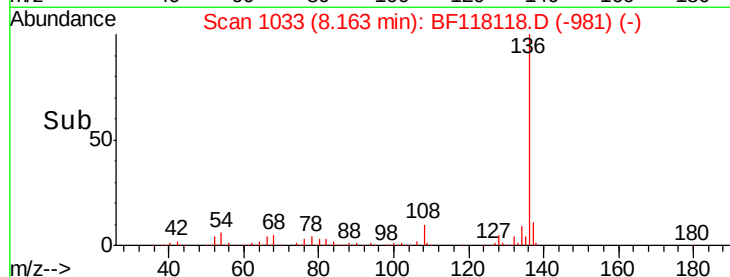


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.383 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion:105 Resp: 1152962

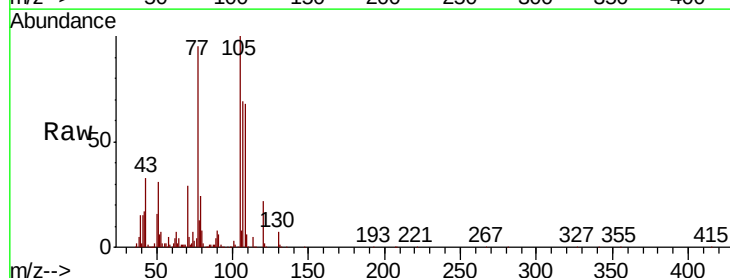
Ion Ratio Lower Upper

105 100

71 4.8 4.7 7.1

51 31.2 27.1 40.7

120 22.2 17.8 26.6

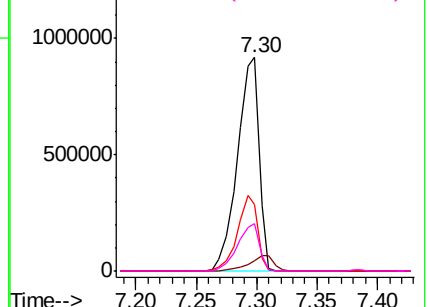
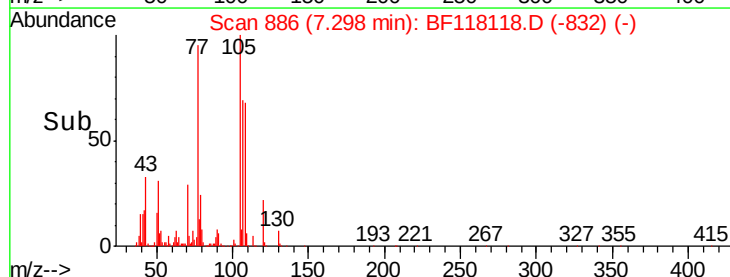


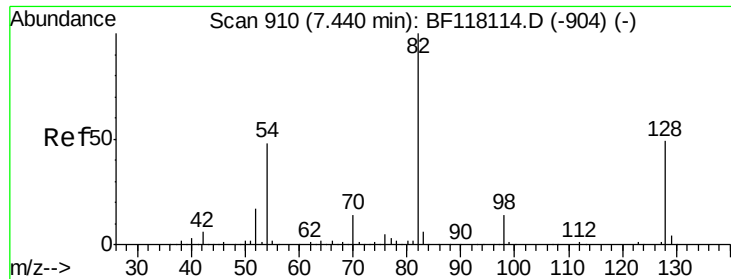
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



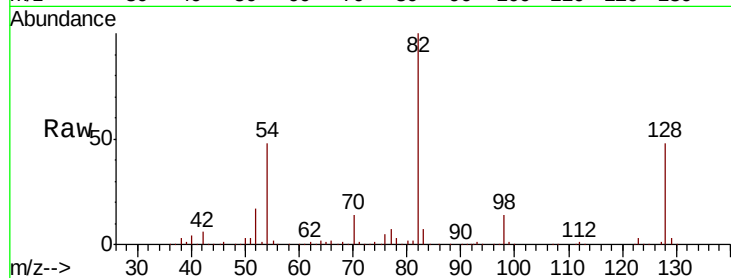


#23
 Nitrobenzene-d5
 Concen: 203.423 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

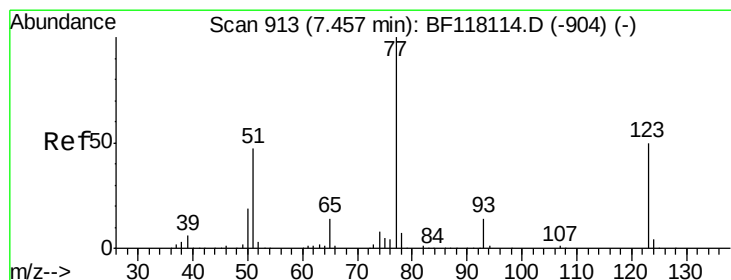
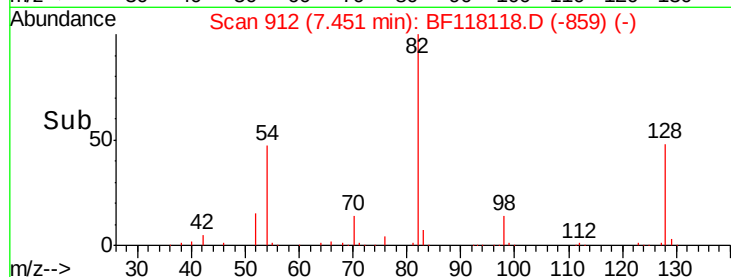
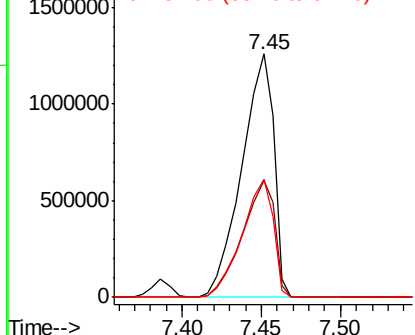
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1767000

Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.1	58.7
54	48.3	38.2	57.2



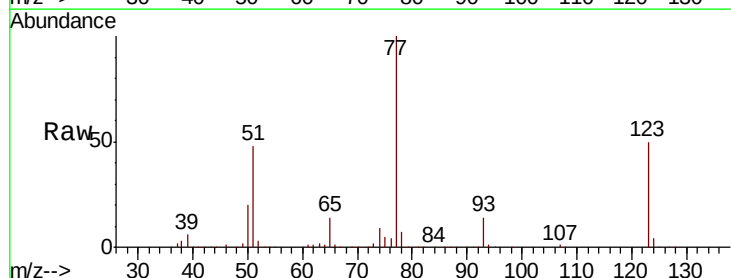
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



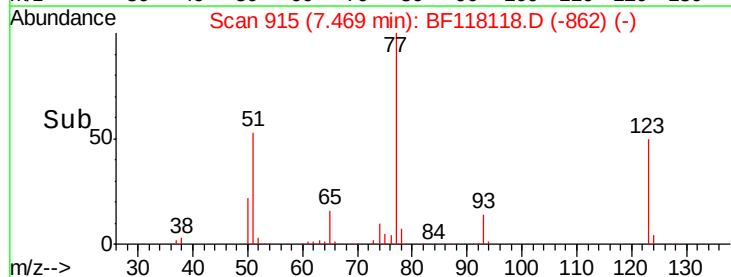
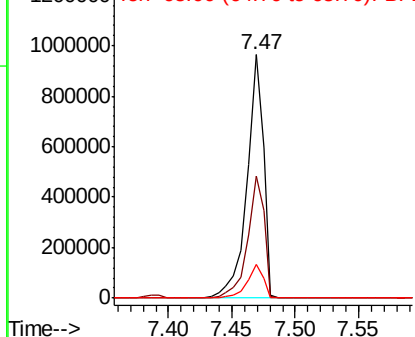
#24
 Nitrobenzene
 Concen: 96.645 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

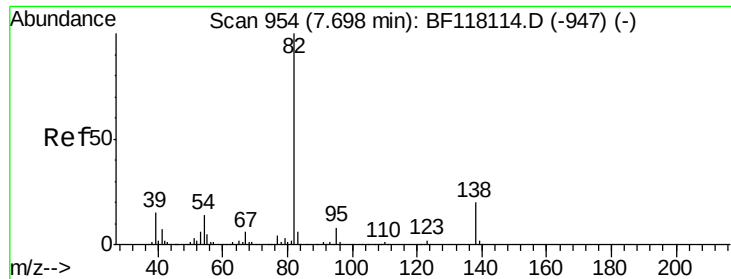
Tgt Ion: 77 Resp: 866045

Ion	Ratio	Lower	Upper
77	100		
123	49.9	40.1	60.1
65	14.0	10.9	16.3



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: 95.079 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

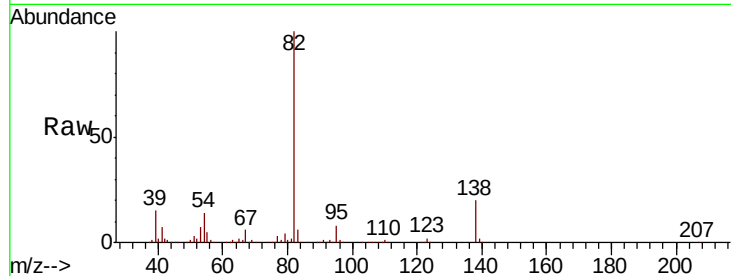
Tot Ion: 82 Resp: 1513725

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

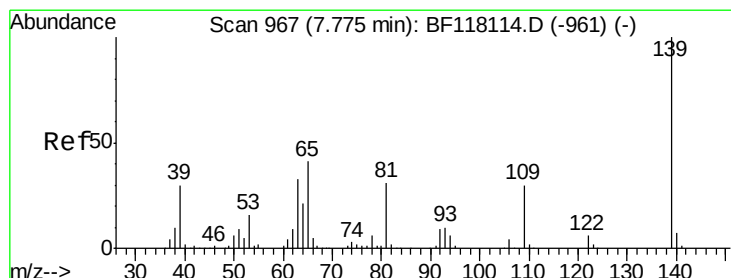
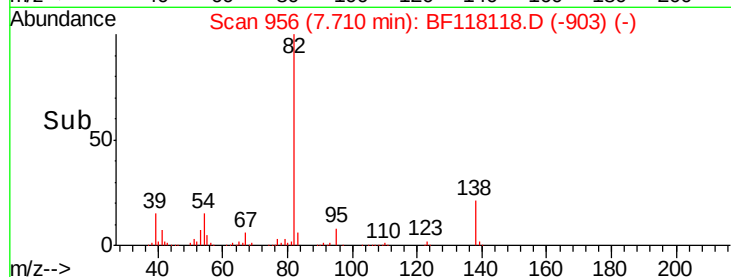
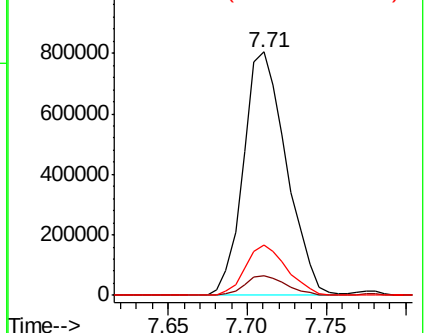
138 20.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 108.446 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

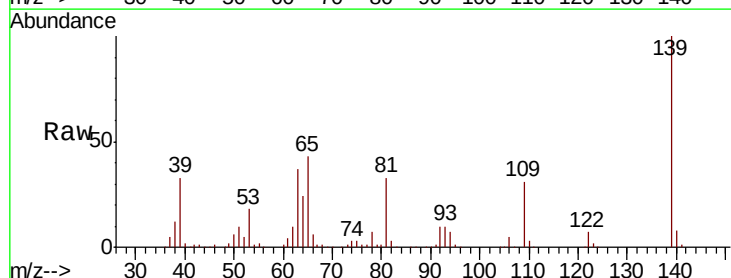
Tgt Ion: 139 Resp: 473001

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

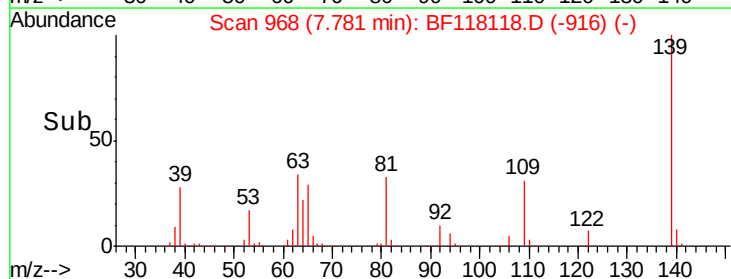
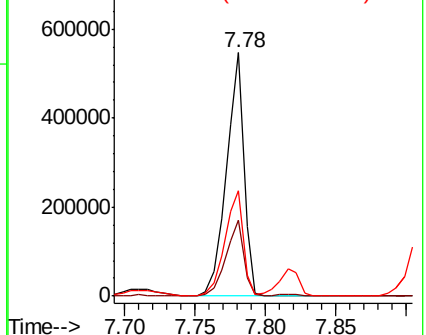
65 43.2 33.0 49.6

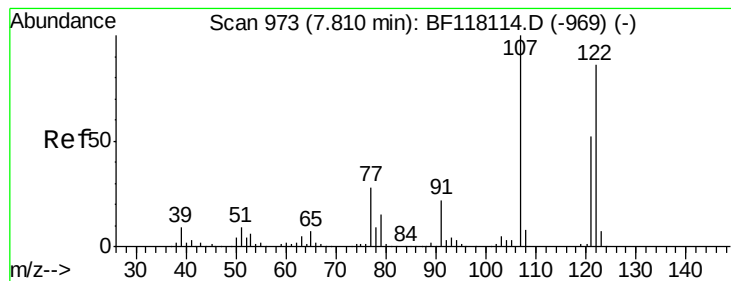


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 92.217 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

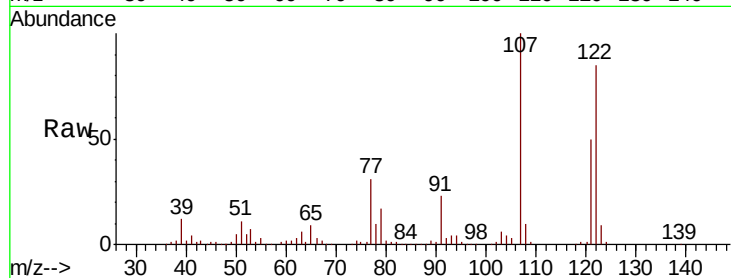
Tot Ion:122 Resp: 624995

Ion Ratio Lower Upper

122 100

107 117.4 92.9 139.3

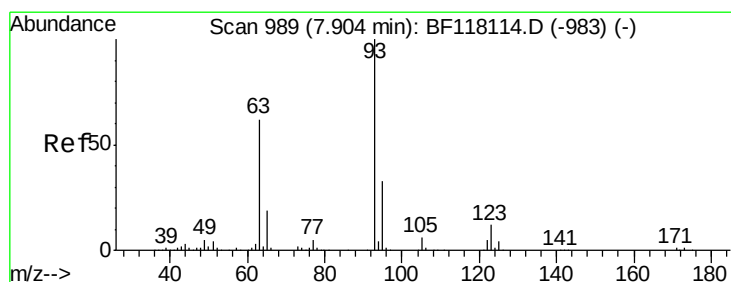
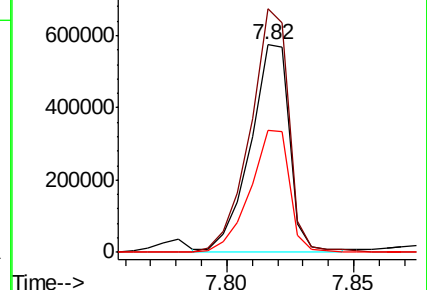
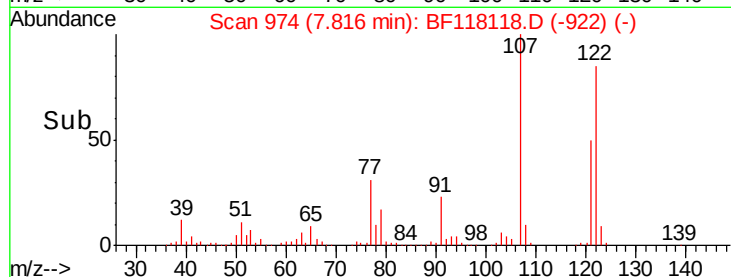
121 58.7 48.3 72.5



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: 95.643 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

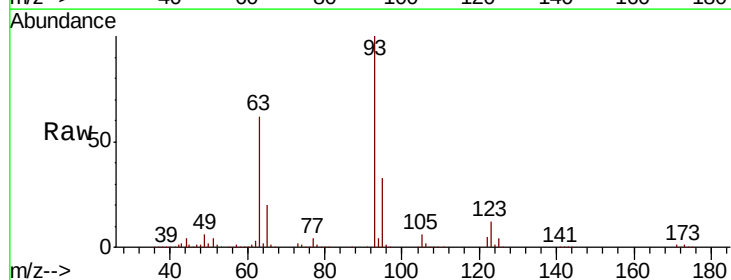
Tgt Ion: 93 Resp: 966270

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

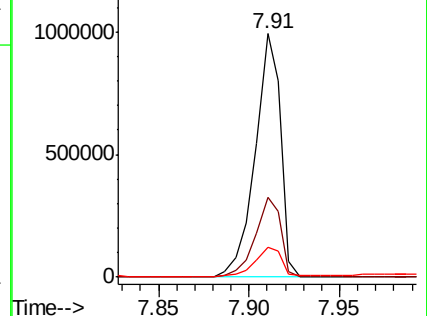
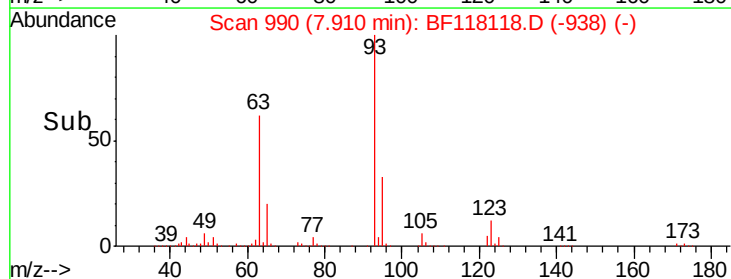
123 12.0 10.0 15.0

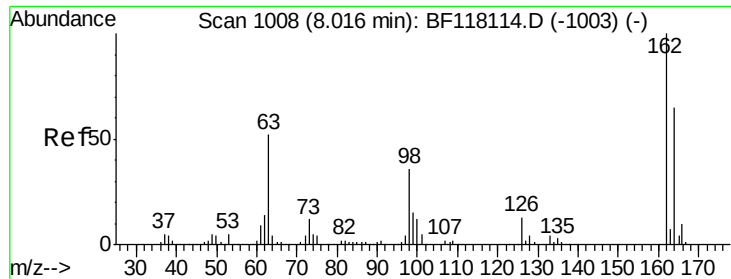


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

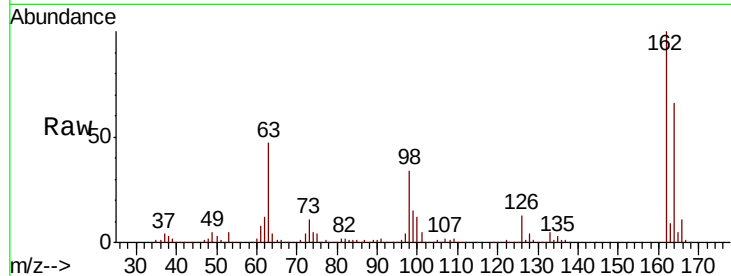




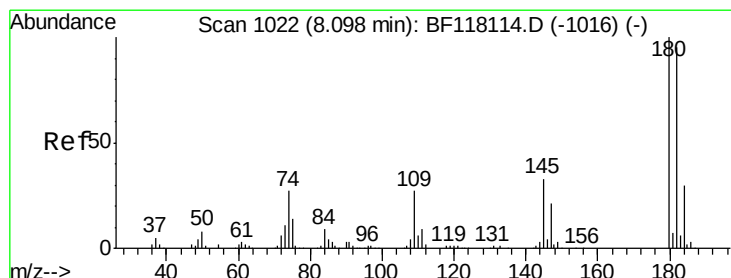
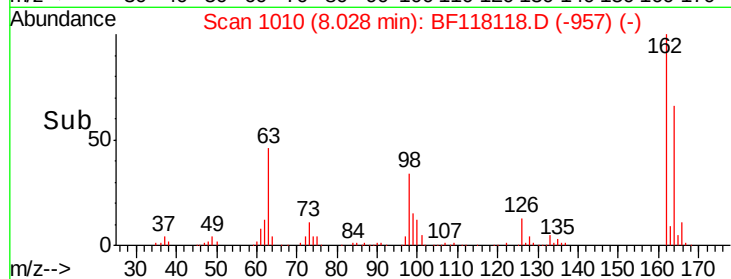
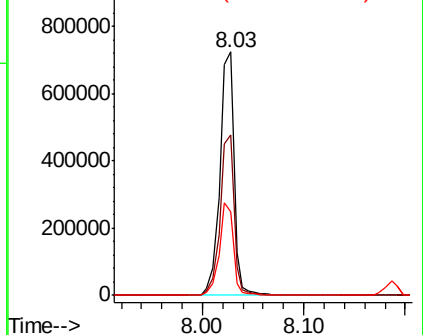
#29
2,4-Dichlorophenol
Concen: 96.110 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 706561
Ion Ratio Lower Upper
162 100
164 65.6 45.2 85.2
98 34.1 15.9 55.9

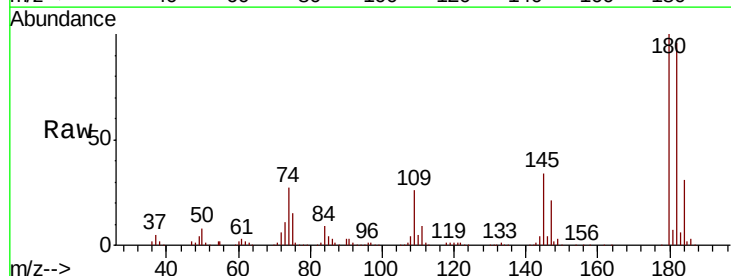


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

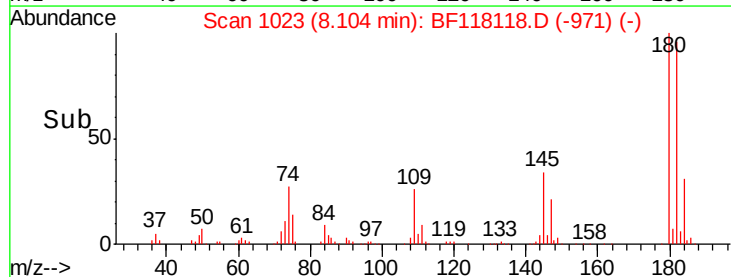
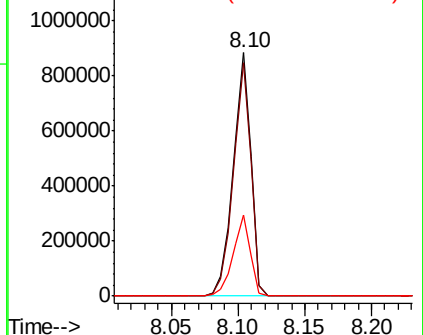


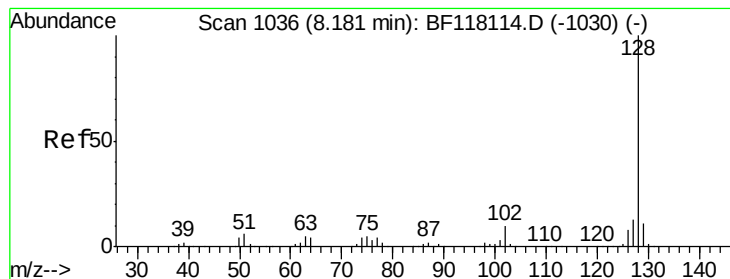
#30
1,2,4-Trichlorobenzene
Concen: 97.230 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:180 Resp: 829116
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 33.5 26.1 39.1



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: 98.888 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

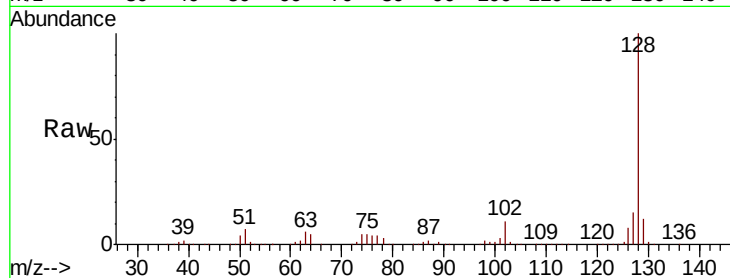
Instrument :

BNA_F

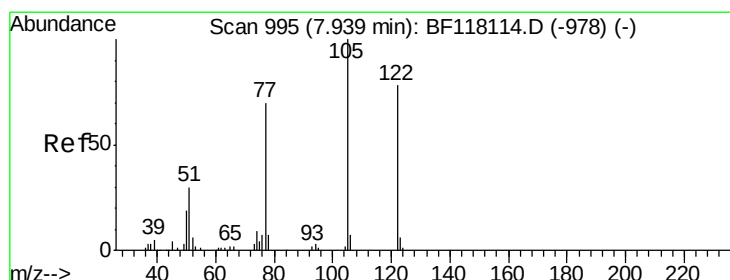
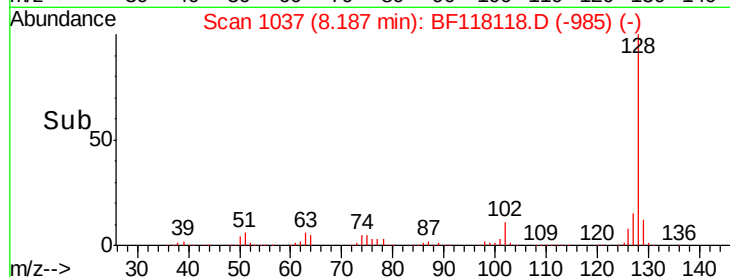
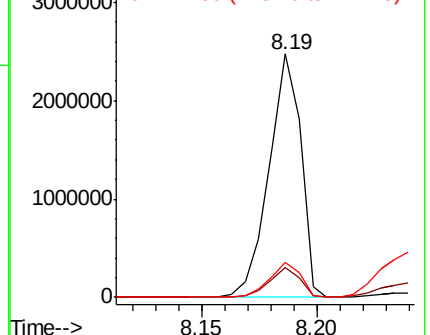
ClientSampleId :

Tot Ion:128 Resp: 2380465

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.5	10.6	16.0



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



#32

Benzoic acid

Concen: 107.868 ng

RT: 7.99 min Scan# 1004

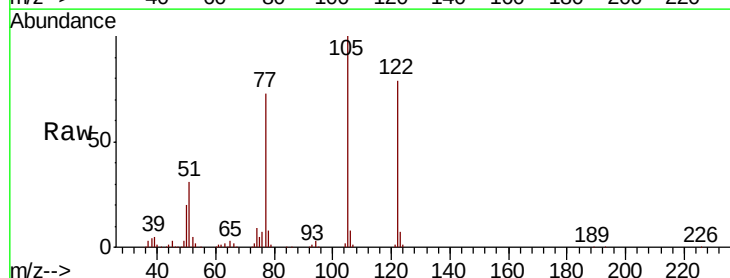
Delta R.T. 0.05 min

Lab File: BF118118.D

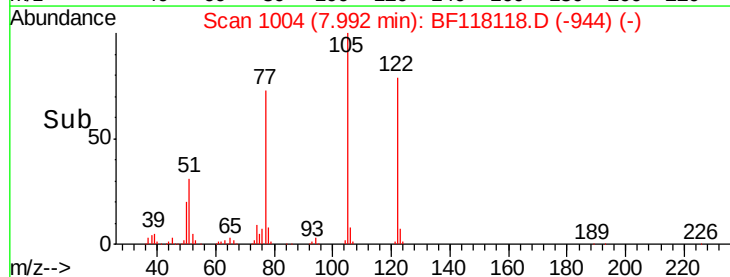
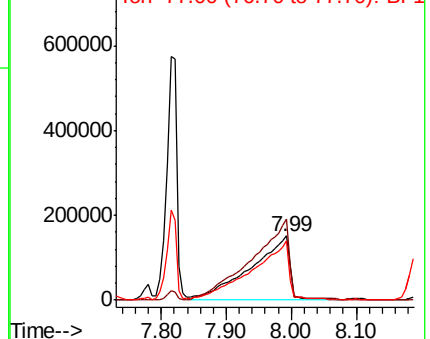
Acq: 6 Dec 2019 16:50

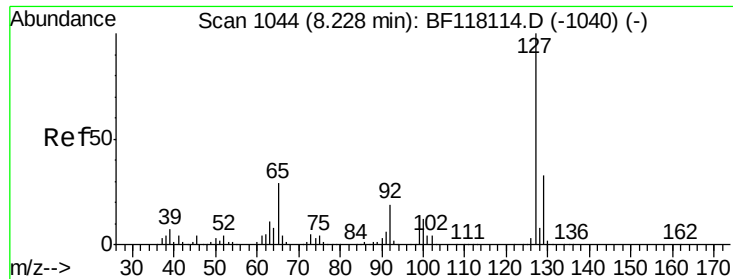
Tgt Ion:122 Resp: 612130

Ion	Ratio	Lower	Upper
122	100		
105	126.1	104.7	144.7
77	92.6	69.1	109.1



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

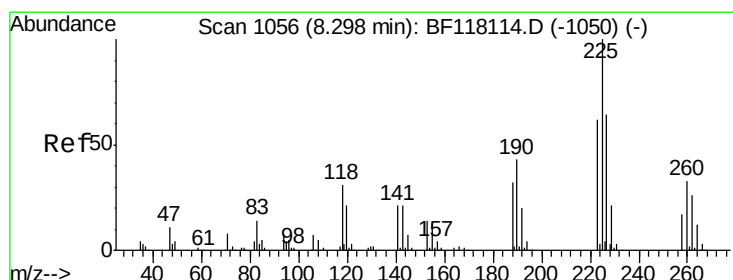
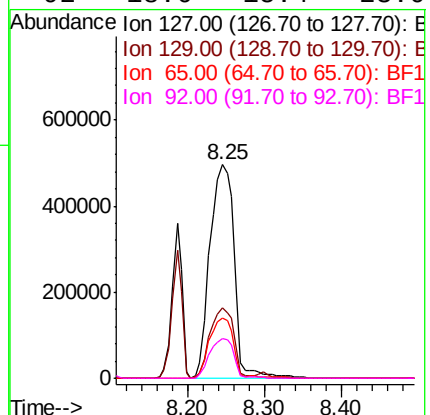
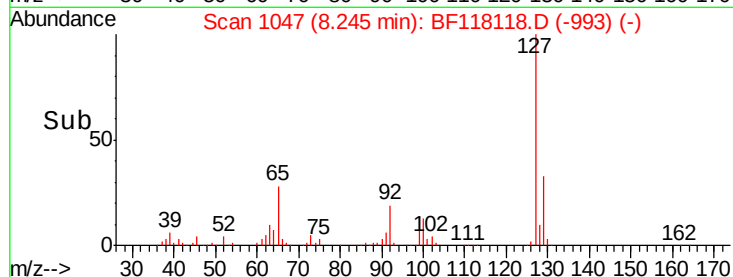
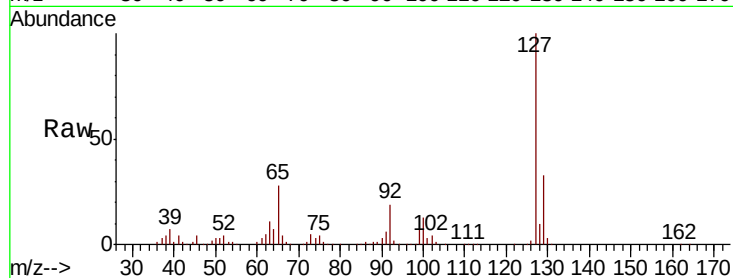




#33
4-Chloroaniline
Concen: 99.985 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

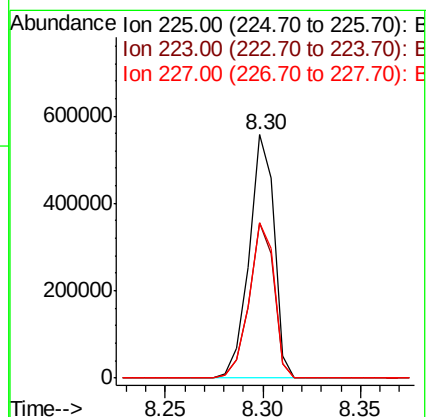
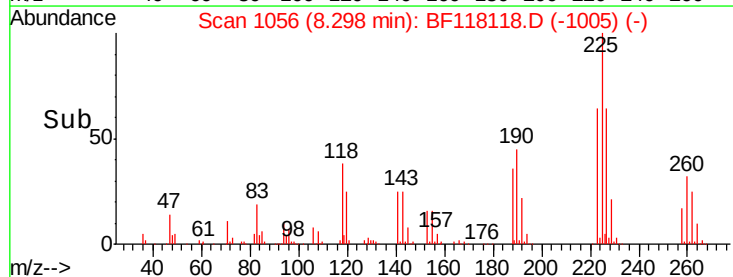
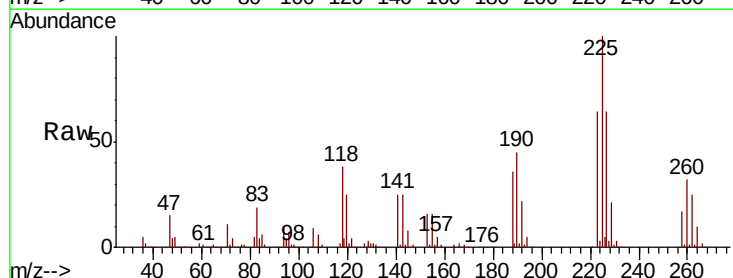
Instrument :
BNA_F
ClientSampleId :

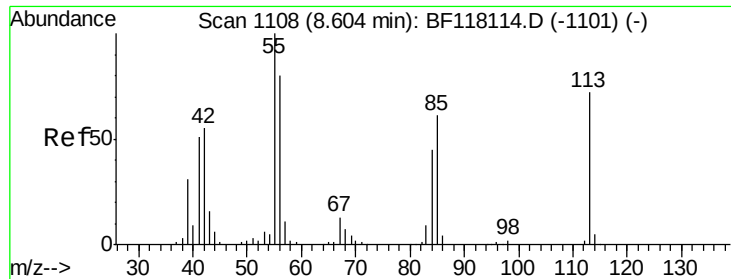
Tot Ion:127 Resp: 1077521
Ion Ratio Lower Upper
127 100
129 32.8 26.6 40.0
65 28.2 23.2 34.8
92 18.6 15.4 23.0



#34
Hexachlorobutadiene
Concen: 99.411 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:225 Resp: 495629
Ion Ratio Lower Upper
225 100
223 63.7 49.6 74.4
227 63.9 51.0 76.6





#35

Caprolactam

Concen: 76.040 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.04 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampled :

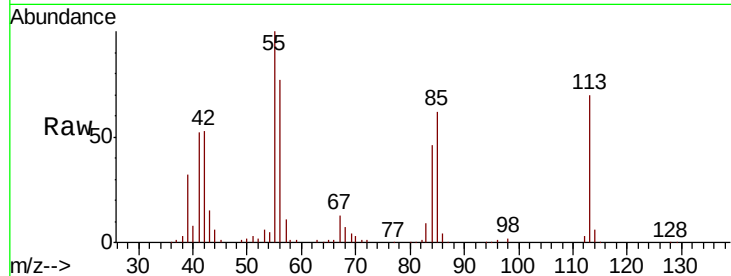
Tot Ion:113 Resp: 177664

Ion Ratio Lower Upper

113 100

55 143.3 118.9 158.9

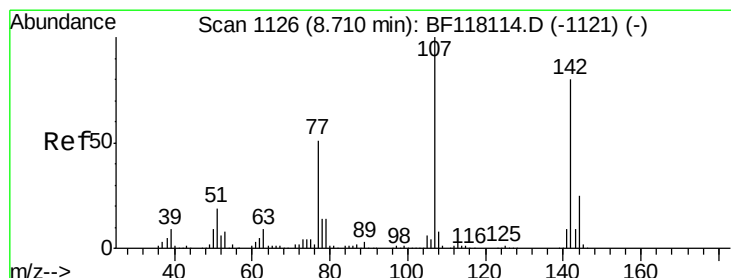
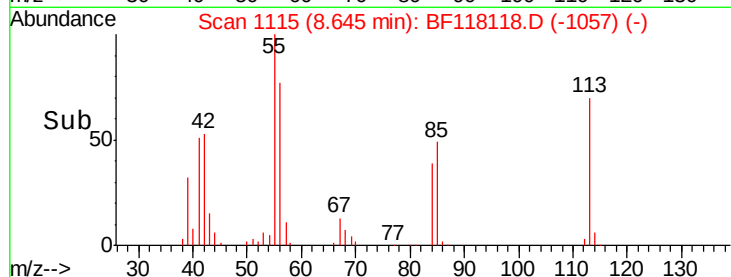
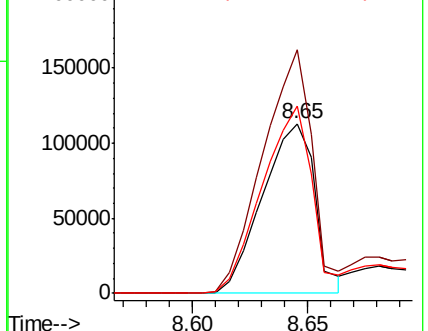
56 110.1 91.4 131.4



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: 99.883 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

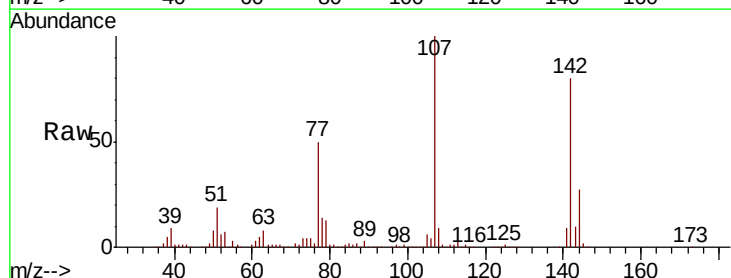
Tgt Ion:107 Resp: 745214

Ion Ratio Lower Upper

107 100

144 26.6 20.3 30.5

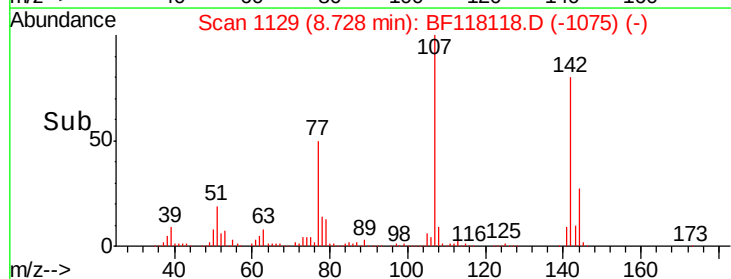
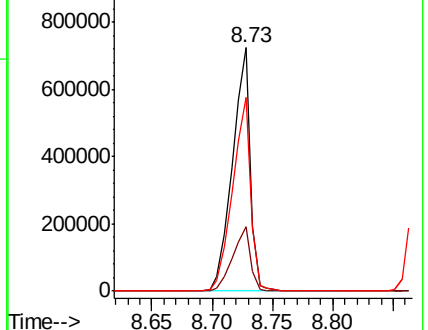
142 79.8 63.7 95.5

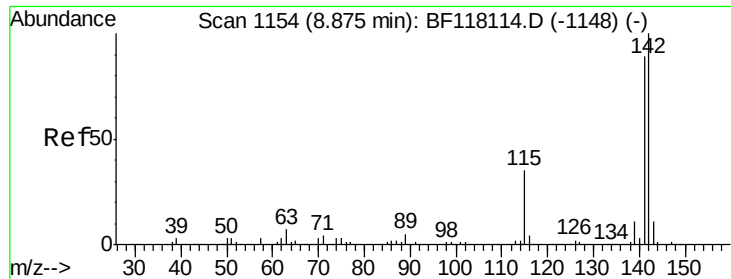


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

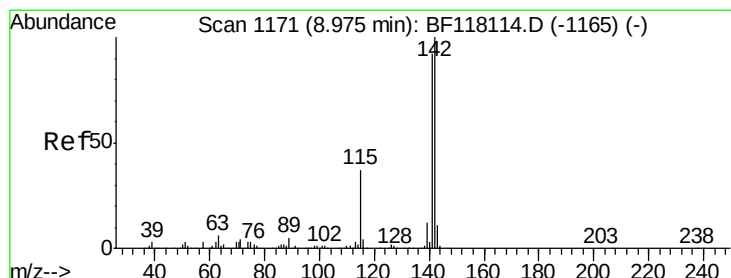
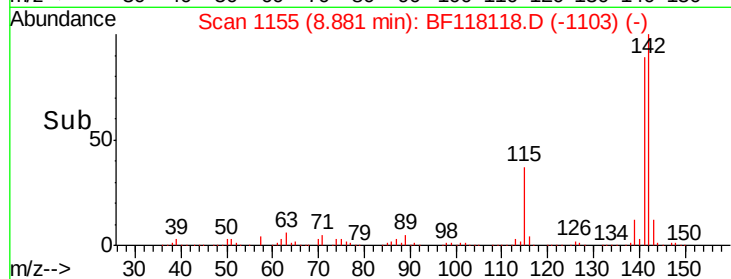
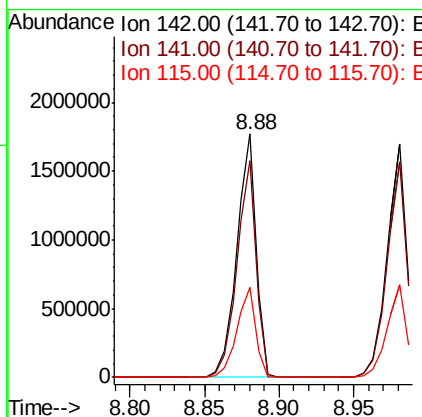
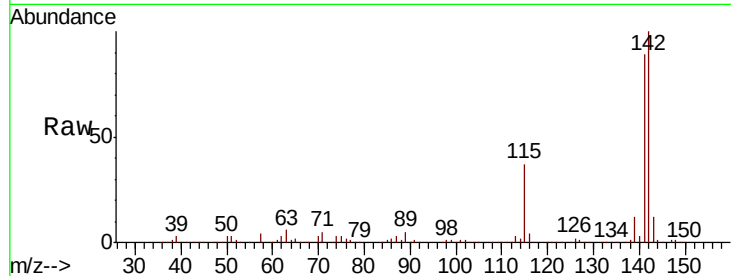




#37
2-Methylnaphthalene
Concen: 98.631 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

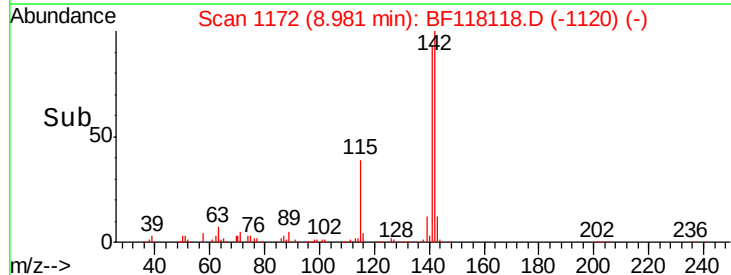
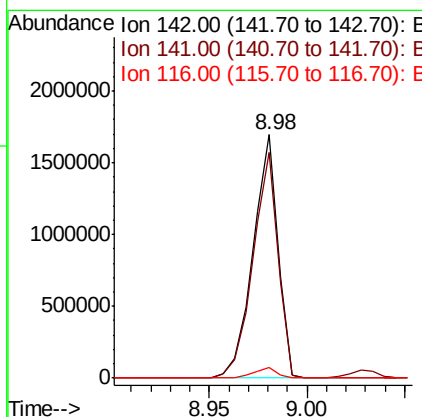
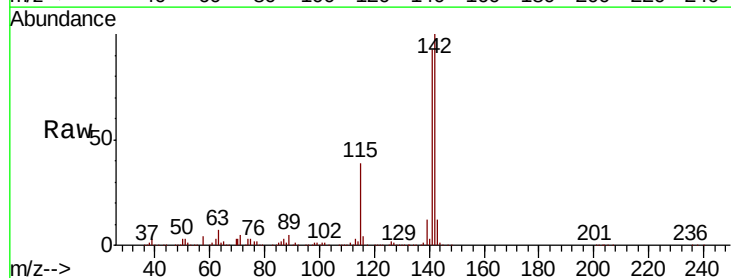
Instrument :
BNA_F
ClientSampleId :

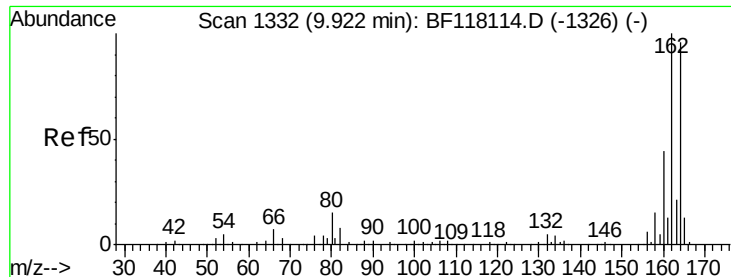
Tot Ion:142 Resp: 1604222
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0
115 37.2 28.2 42.4



#38
1-Methylnaphthalene
Concen: 97.478 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:142 Resp: 1498906
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

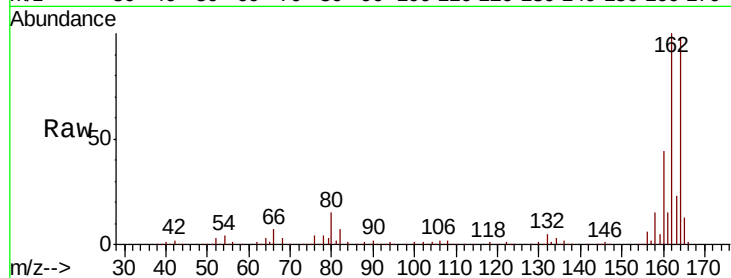
Tot Ion:164 Resp: 265886

Ion Ratio Lower Upper

164 100

162 102.1 83.4 125.0

160 45.2 36.6 54.8

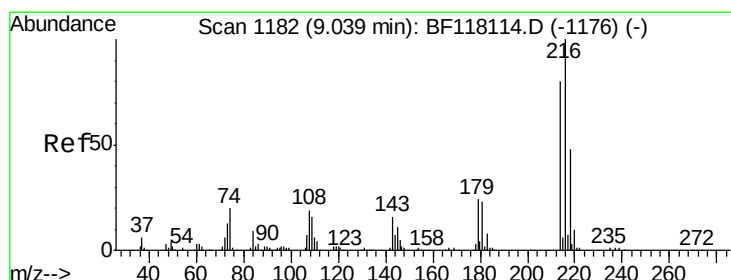
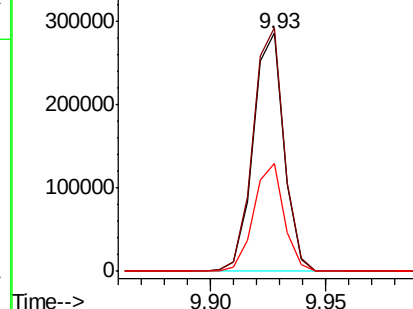
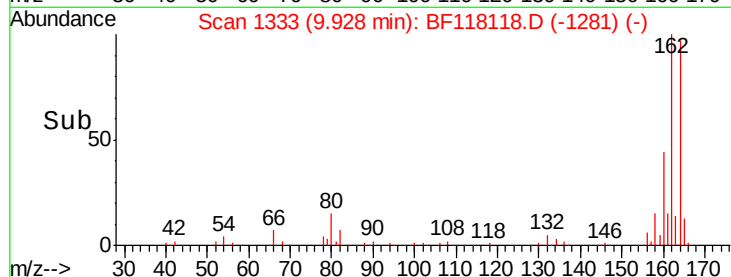


Abundance

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: 99.261 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion:216 Resp: 766456

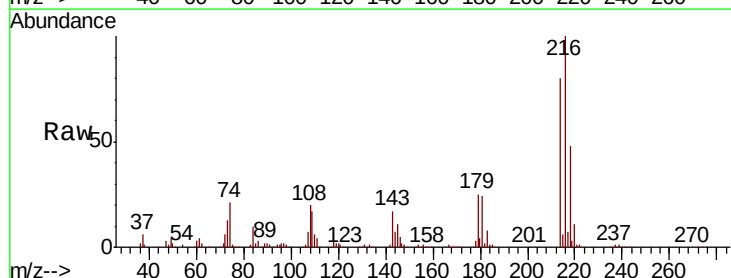
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 23.7 18.6 27.8

108 20.0 15.4 23.0



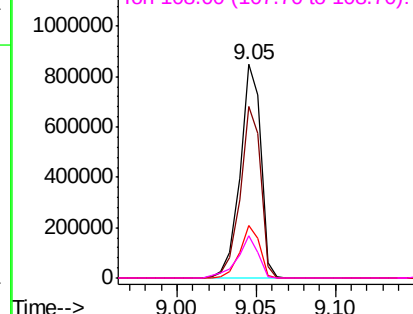
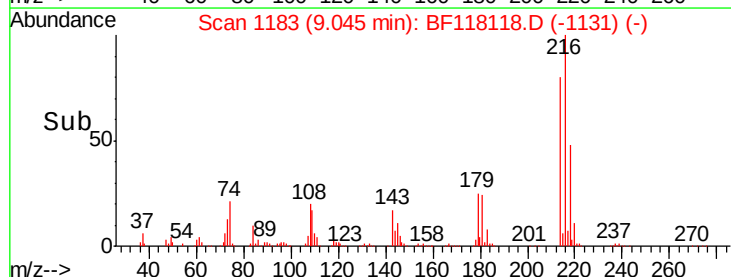
Abundance

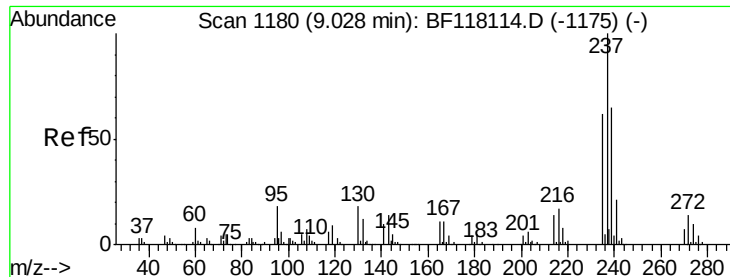
Ion 216.00 (215.70 to 216.70): E

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: 93.805 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF118118.D

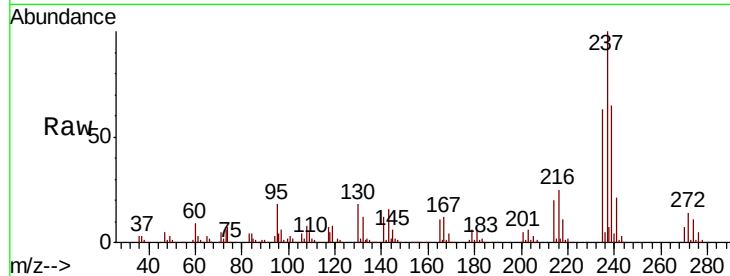
Acq: 6 Dec 2019 16:50

Instrument :

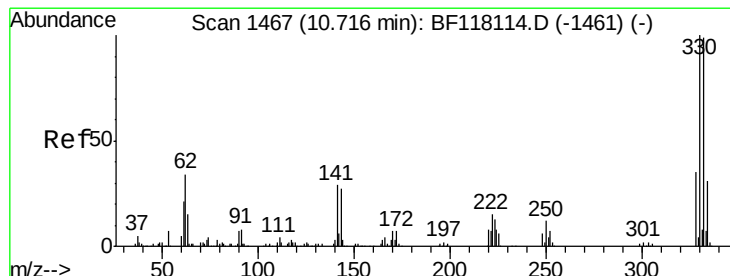
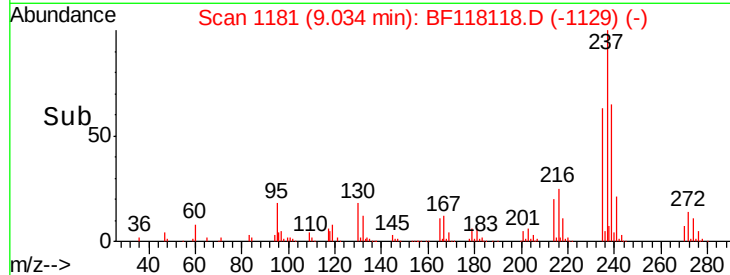
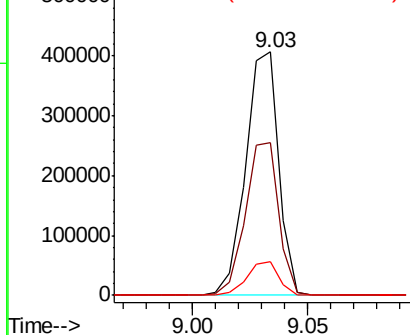
BNA_F

ClientSampleId :

Tot Ion:237	Resp:	405914
Ion Ratio	Lower	Upper
237	100	
235	62.7	41.5 81.5
272	13.9	0.0 33.7



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: 219.212 ng

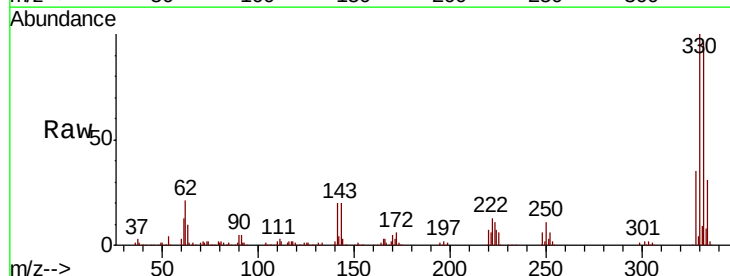
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

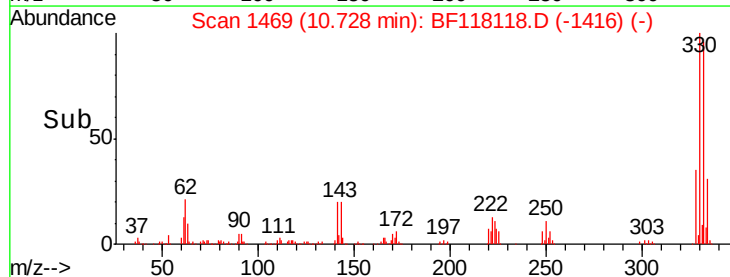
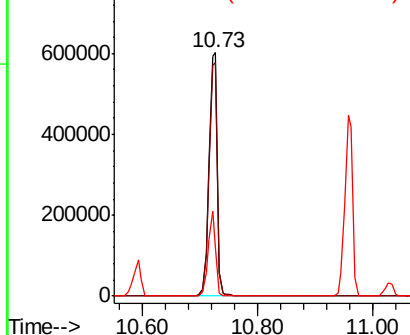
Lab File: BF118118.D

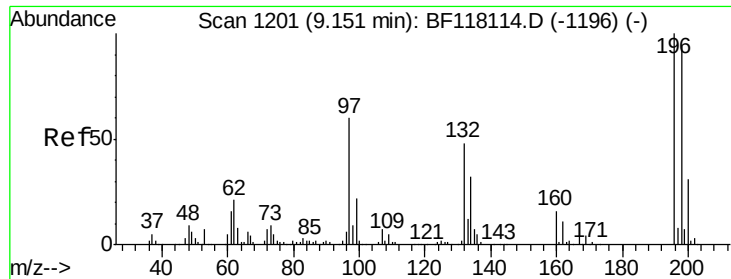
Acq: 6 Dec 2019 16:50

Tgt Ion:330	Resp:	617062
Ion Ratio	Lower	Upper
330	100	
332	95.5	78.1 117.1
141	31.8	26.9 40.3



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

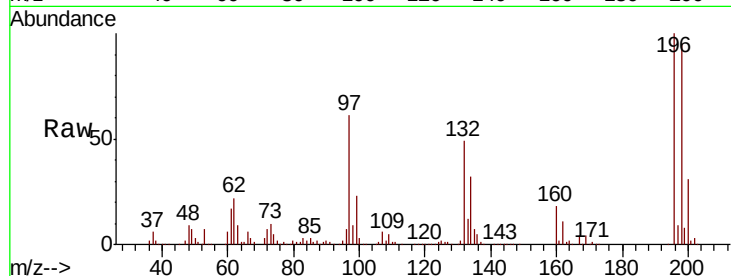




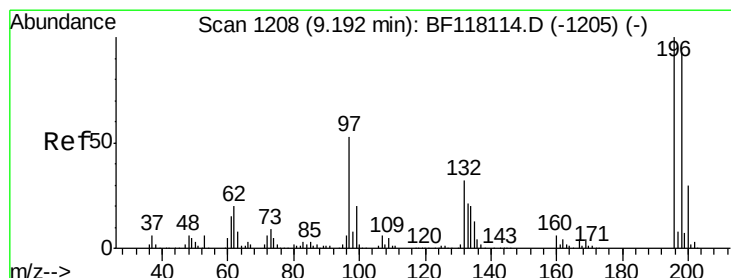
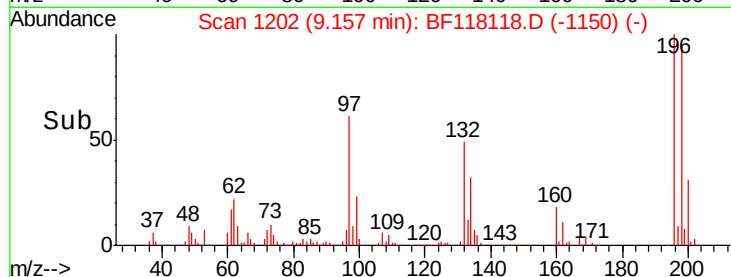
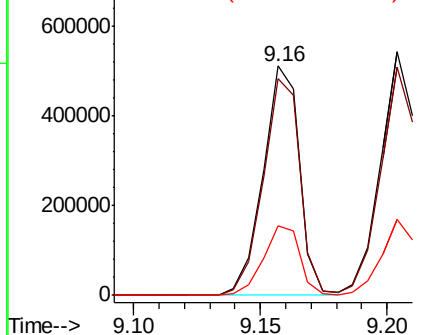
#43
 2,4,6-Trichlorophenol
 Concen: 93.189 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 515399
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.4
 200 30.5 24.5 36.7

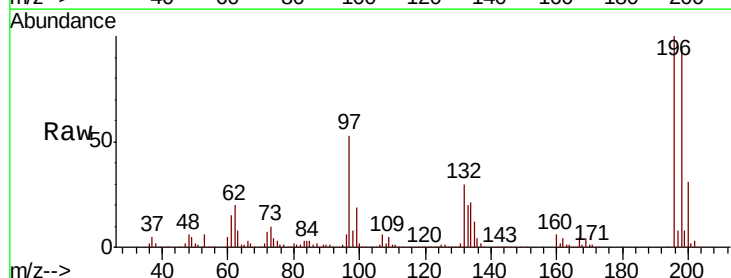


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

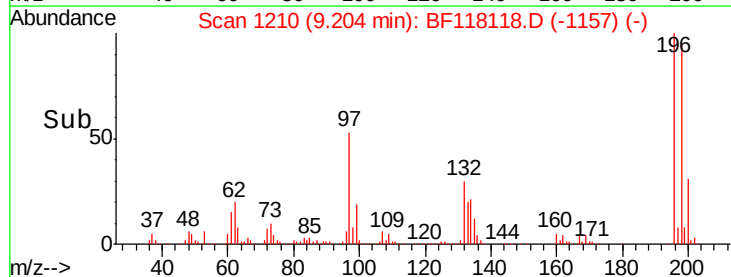
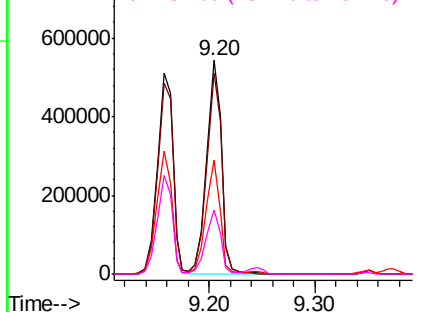


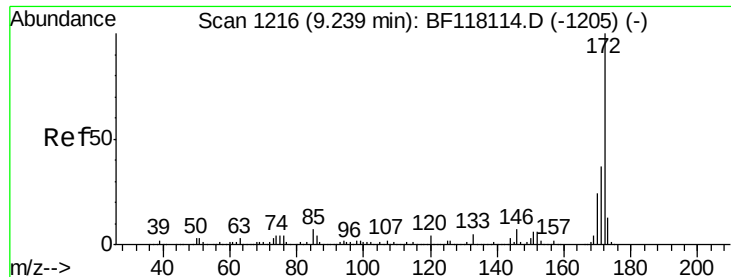
#44
 2,4,5-Trichlorophenol
 Concen: 92.650 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

Tgt Ion:196 Resp: 532027
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 97 53.3 42.5 63.7
 132 30.1 25.4 38.2



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

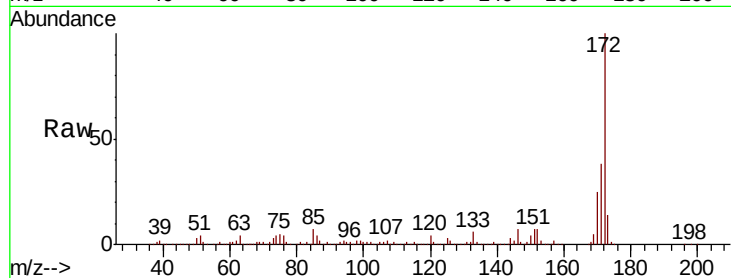




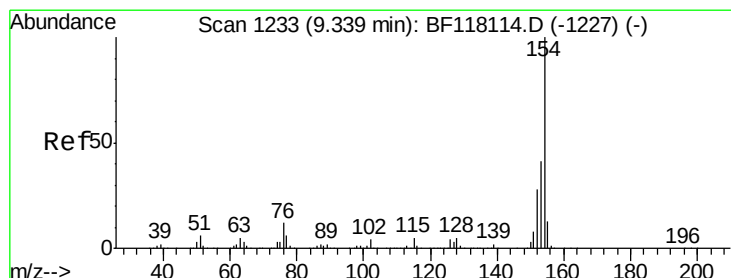
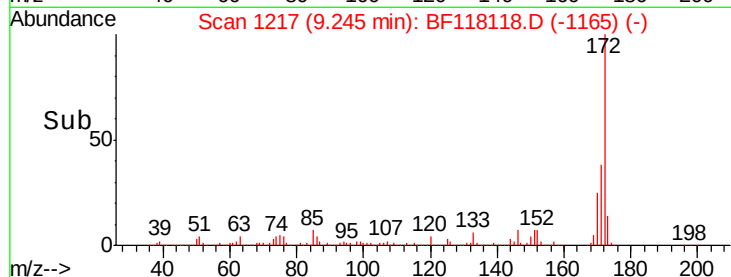
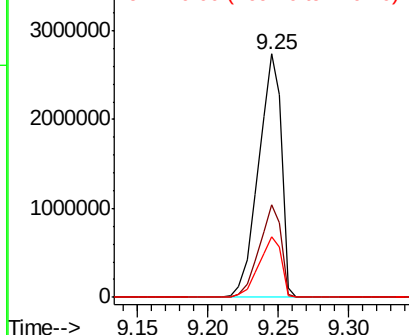
#45
2-Fluorobiphenyl
Concen: 211.458 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3133933
Ion Ratio Lower Upper
172 100
171 37.8 29.2 43.8
170 25.0 19.4 29.2

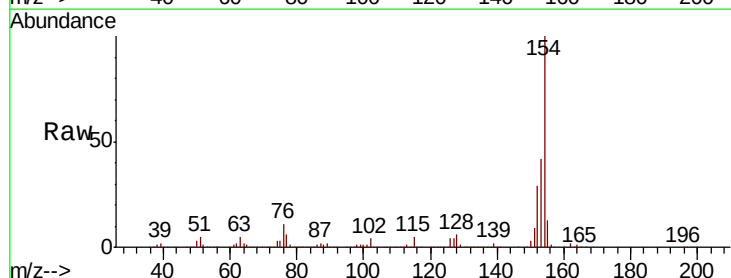


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

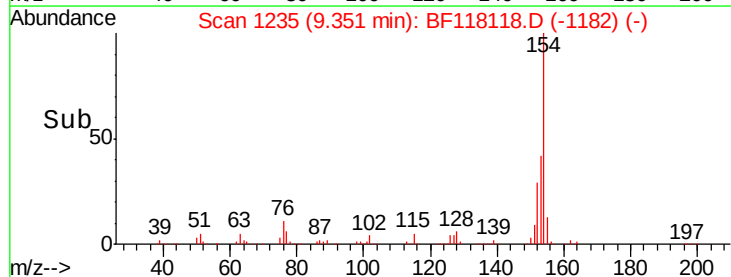
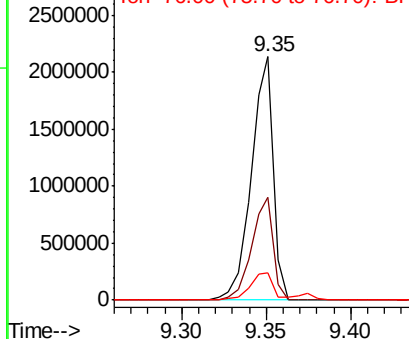


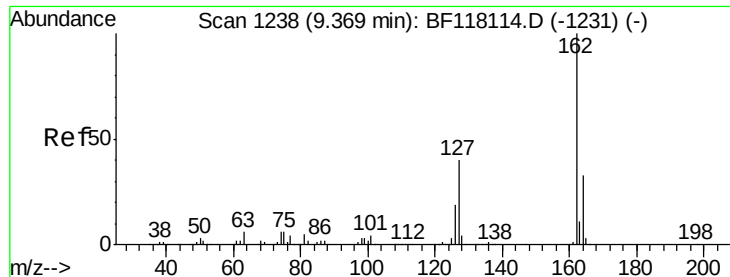
#46
1,1'-Biphenyl
Concen: 98.222 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:154 Resp: 1937549
Ion Ratio Lower Upper
154 100
153 42.1 20.7 60.7
76 11.4 0.0 31.9



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: 97.522 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

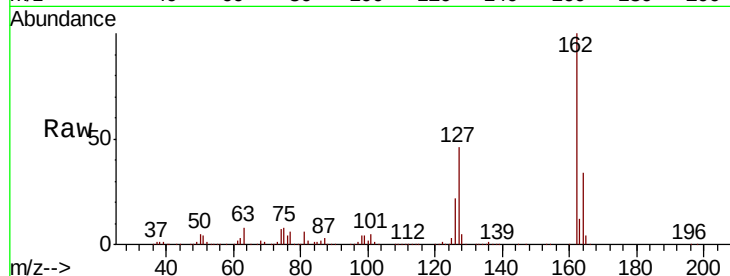
Tot Ion:162 Resp: 1582574

Ion Ratio Lower Upper

162 100

127 45.7 32.0 48.0

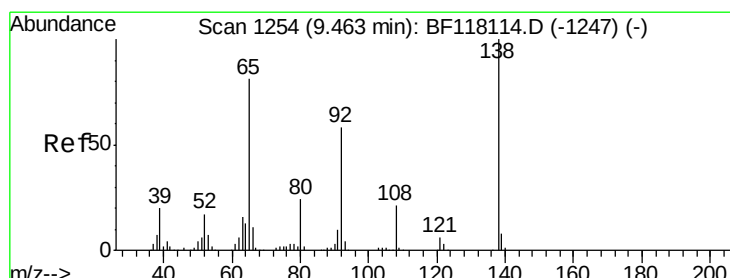
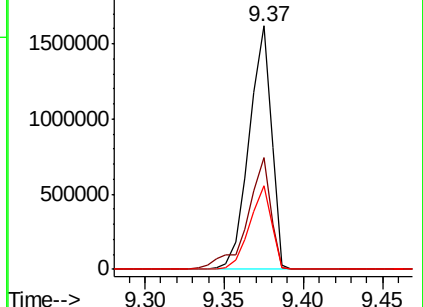
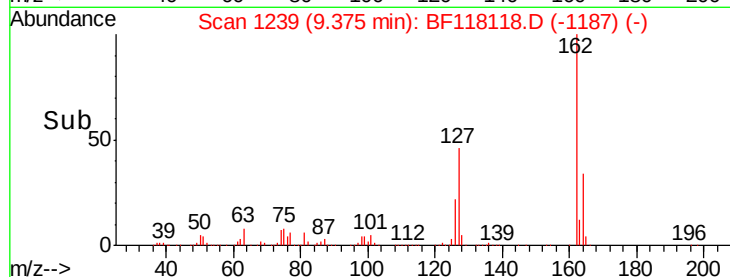
164 34.1 26.1 39.1



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: 95.783 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

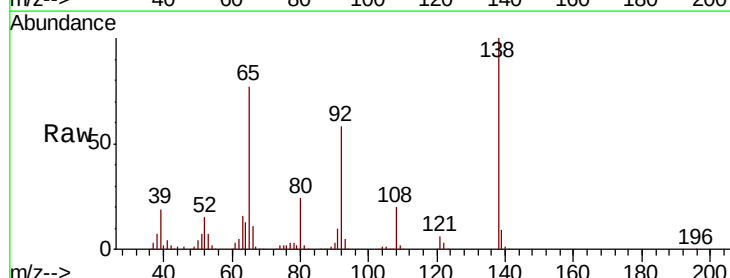
Tgt Ion: 65 Resp: 469265

Ion Ratio Lower Upper

65 100

92 75.3 57.8 86.6

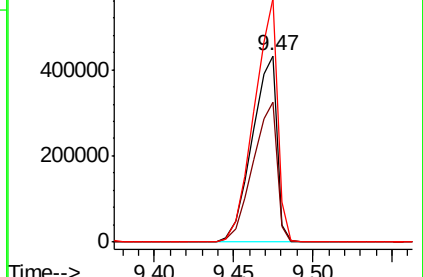
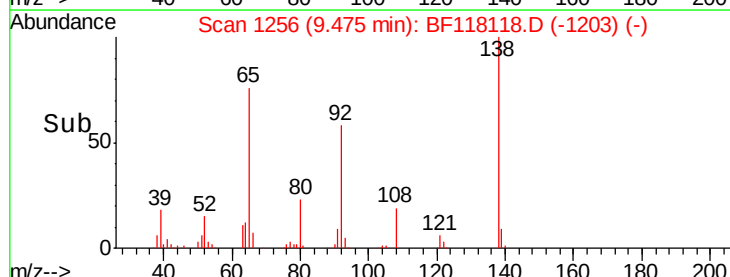
138 130.6 98.8 148.2

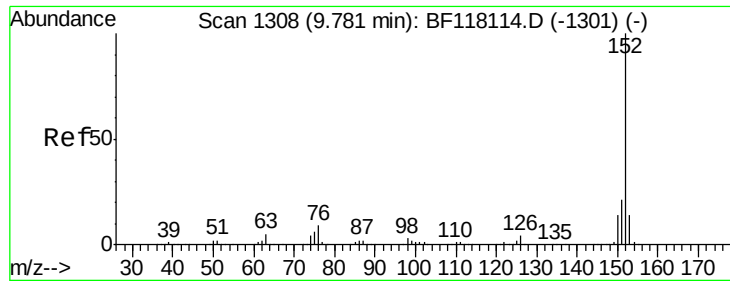


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 95.067 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

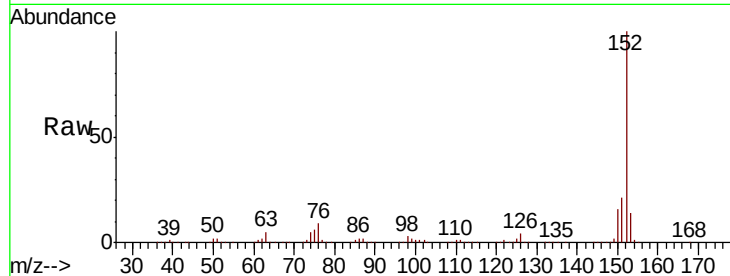
Tot Ion:152 Resp: 2249226

Ion Ratio Lower Upper

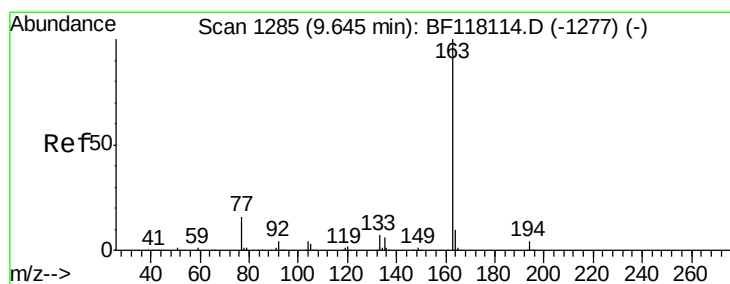
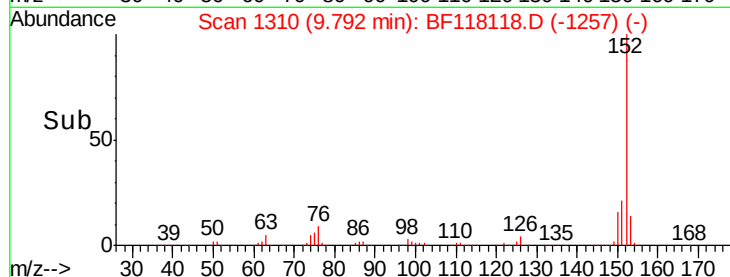
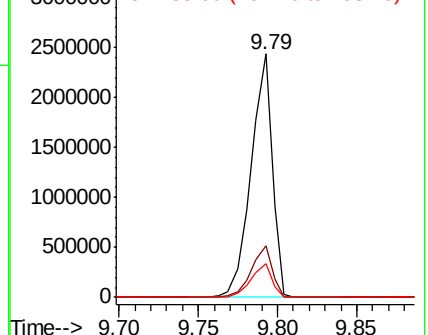
152 100

151 21.4 16.4 24.6

153 13.7 10.8 16.2



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: 101.463 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

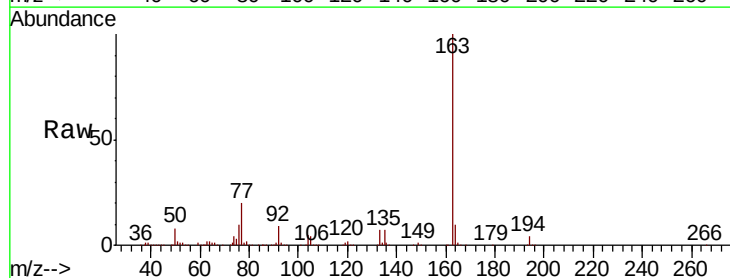
Tgt Ion:163 Resp: 1891774

Ion Ratio Lower Upper

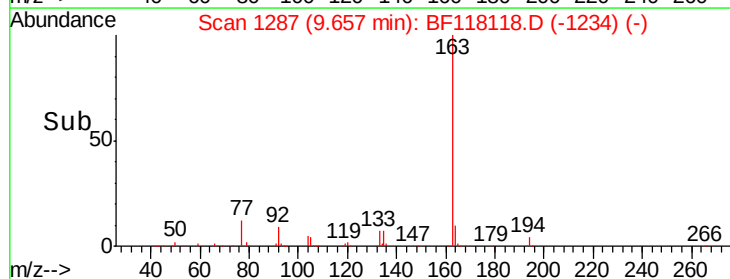
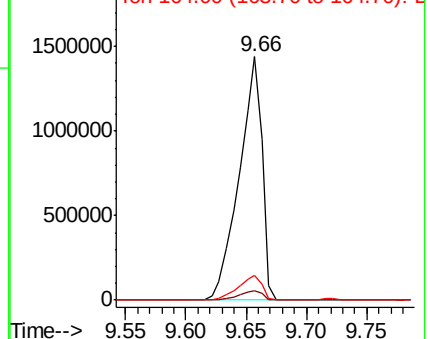
163 100

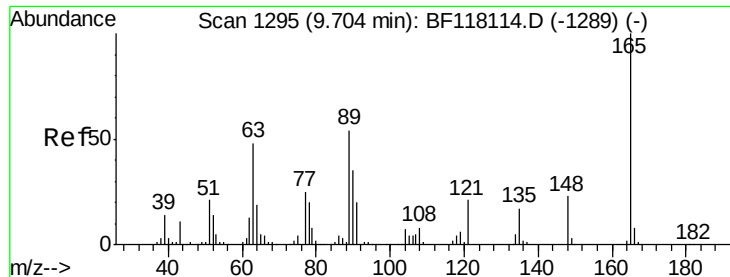
194 3.9 3.1 4.7

164 10.2 7.7 11.5



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: 102.545 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampled :

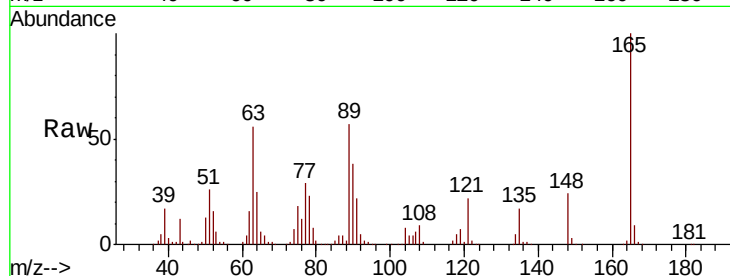
Tot Ion:165 Resp: 417864

Ion Ratio Lower Upper

165 100

63 56.2 41.4 62.0

89 57.4 42.9 64.3



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

600000

500000

400000

300000

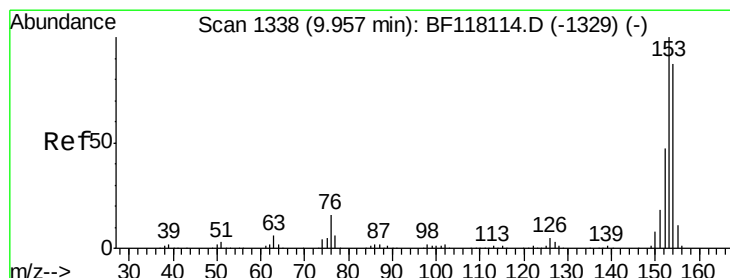
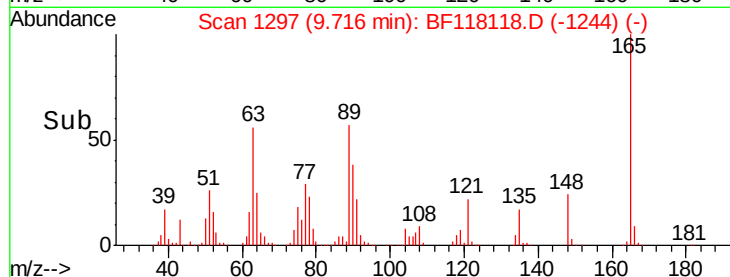
200000

100000

0

9.65 9.70 9.75

Time-->



#52

Acenaphthene

Concen: 93.402 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

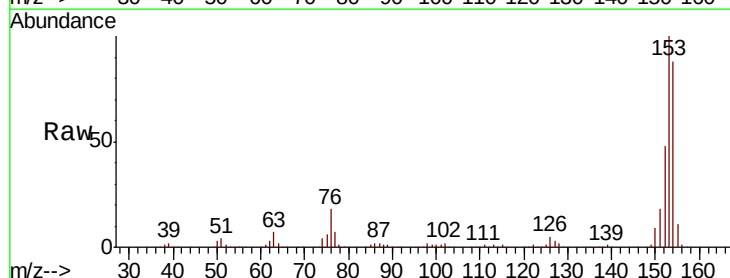
Tgt Ion:154 Resp: 1415615

Ion Ratio Lower Upper

154 100

153 113.4 91.8 137.6

152 54.6 43.3 64.9



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

2000000

1500000

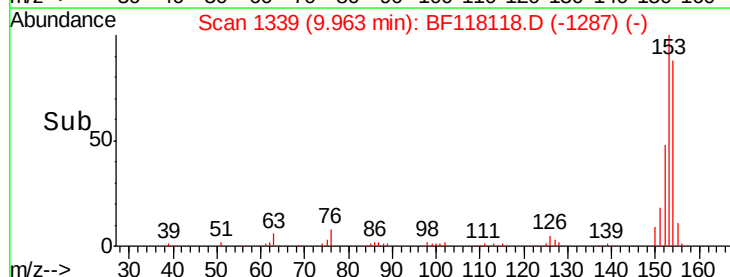
1000000

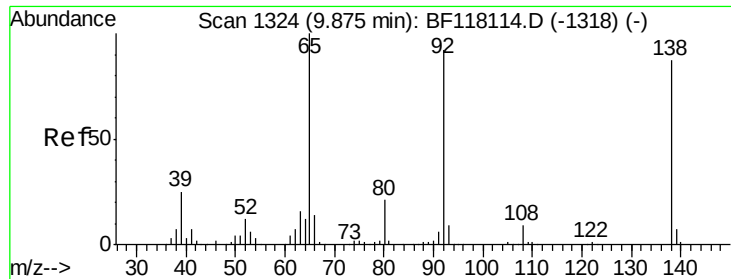
500000

0

9.90 9.95 10.00

Time-->

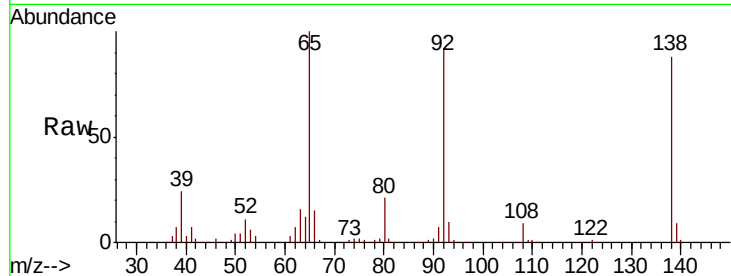




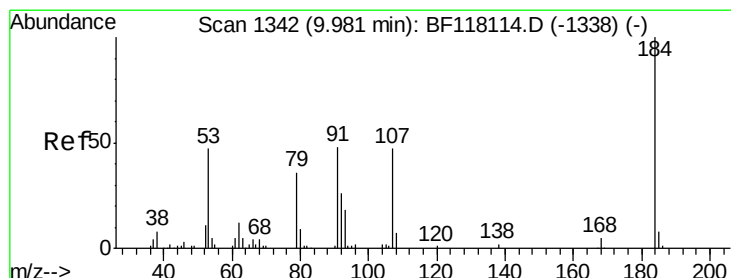
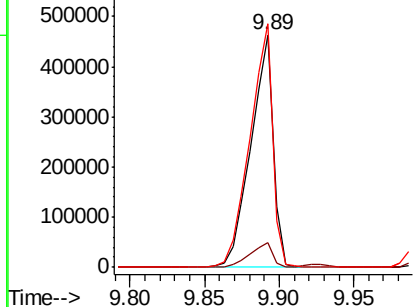
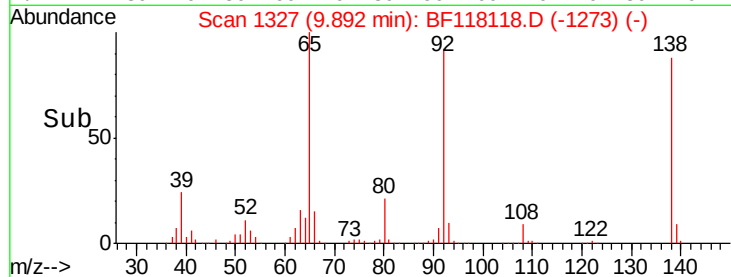
#53
3-Nitroaniline
Concen: 98.391 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 479751
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 104.8 84.9 127.3

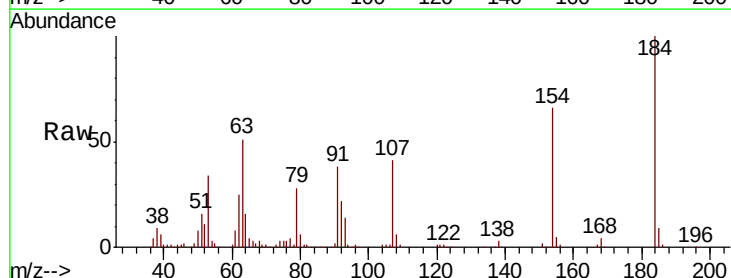


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

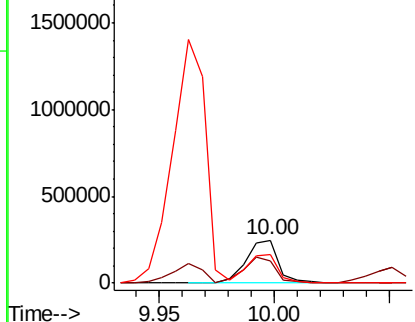
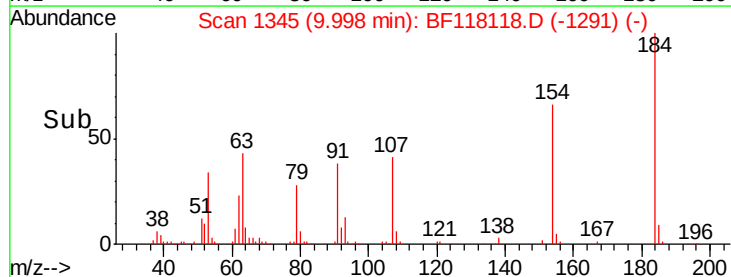


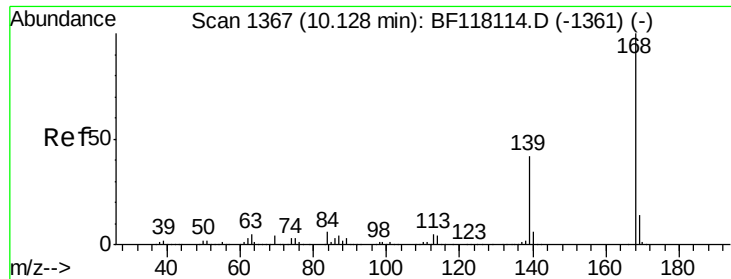
#54
2,4-Dinitrophenol
Concen: 134.403 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:184 Resp: 243134
Ion Ratio Lower Upper
184 100
63 50.7 53.9 80.9#
154 66.0 56.3 84.5



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

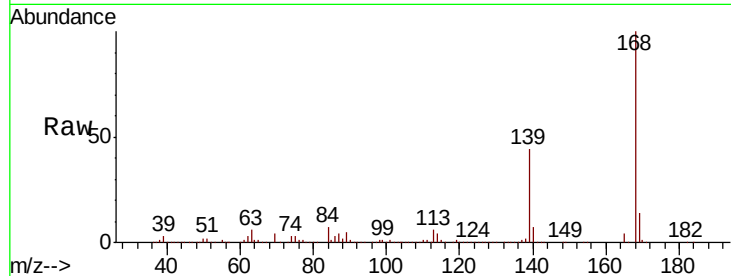




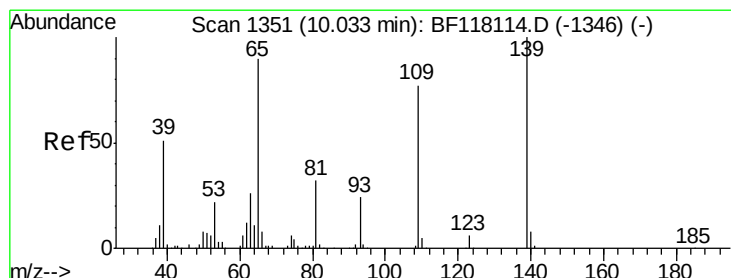
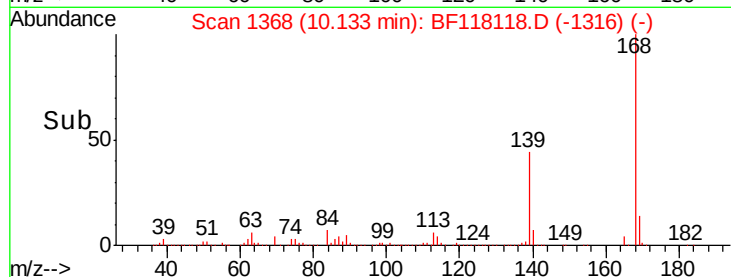
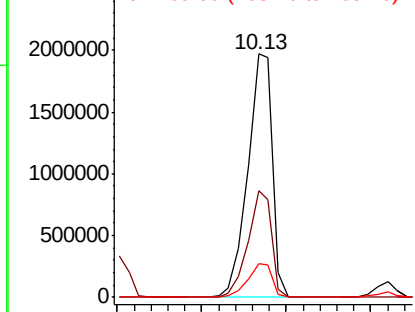
#55
Dibenzofuran
Concen: 95.498 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2004267
Ion Ratio Lower Upper
168 100
139 43.9 33.4 50.0
169 14.1 11.0 16.6

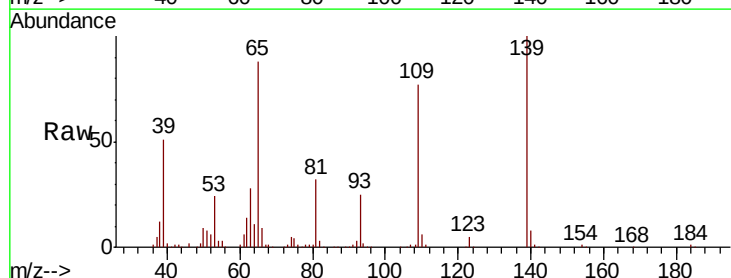


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

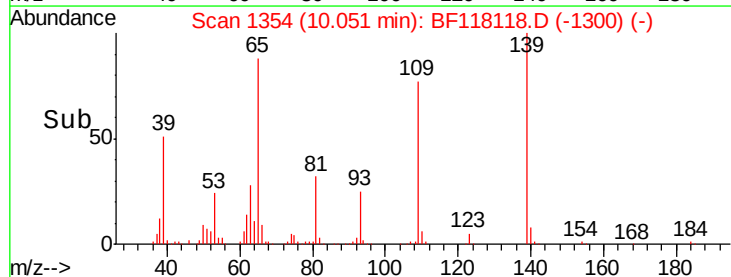
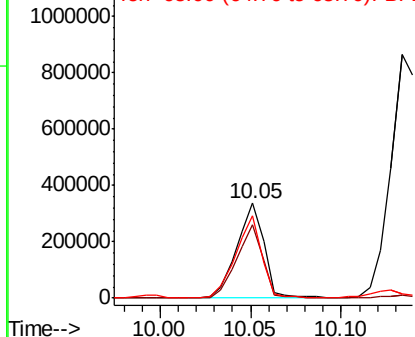


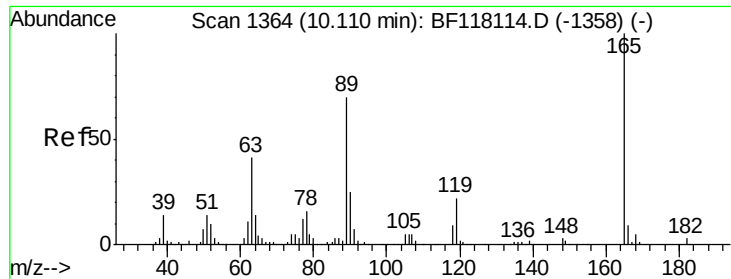
#56
4-Nitrophenol
Concen: 96.359 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:139 Resp: 350708
Ion Ratio Lower Upper
139 100
109 77.4 57.3 97.3
65 87.7 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

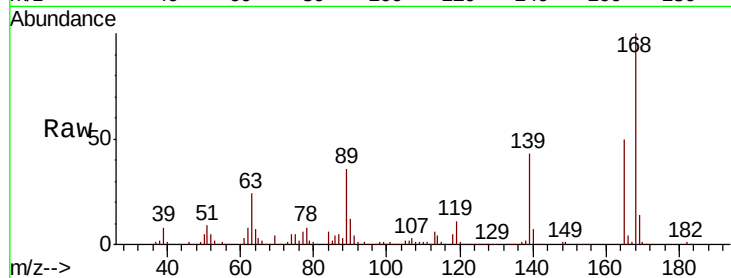




#57
2,4-Dinitrotoluene
Concen: 104.058 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	32.6	49.0
89	71.2	56.1	84.1
182	2.6	2.1	3.1



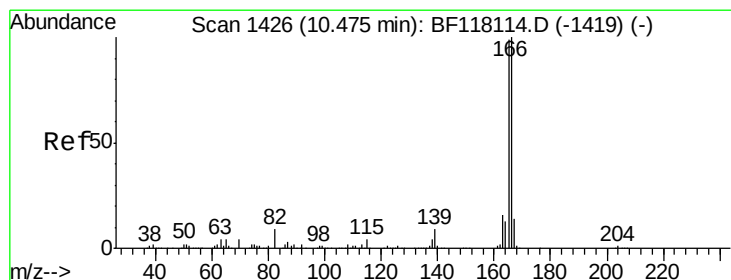
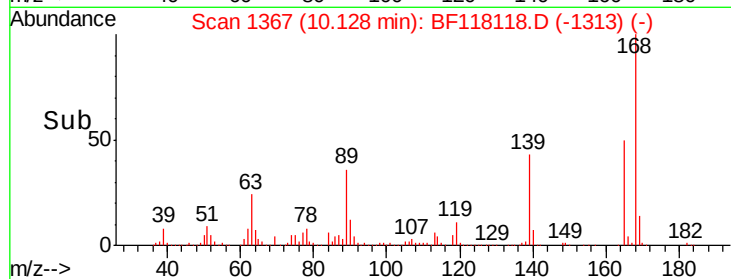
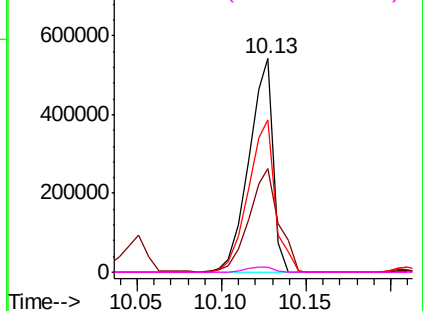
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

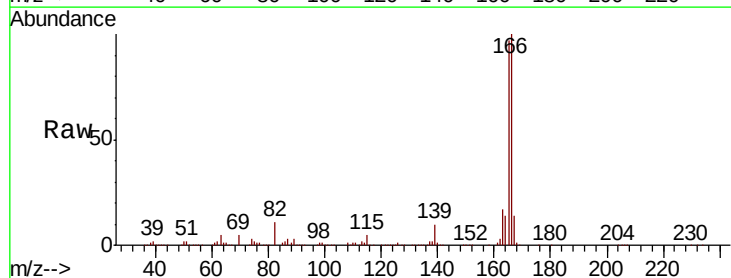
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 98.332 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.4
167	13.7	10.9	16.3

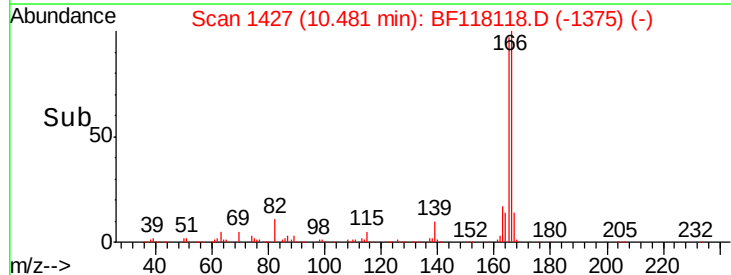
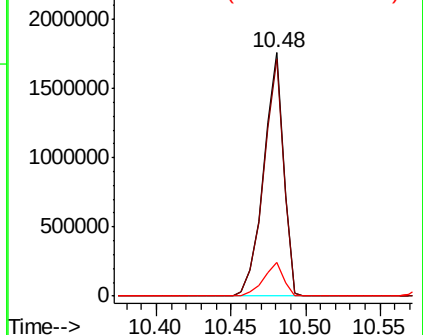


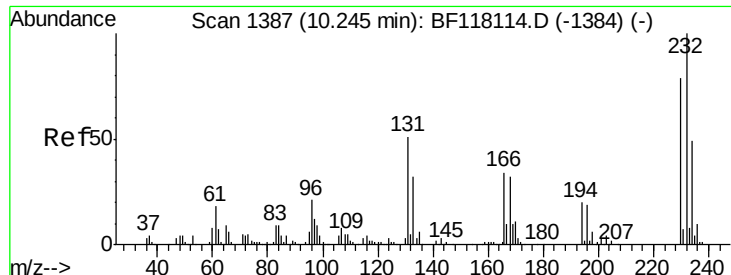
Abundance

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: 90.092 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 425073

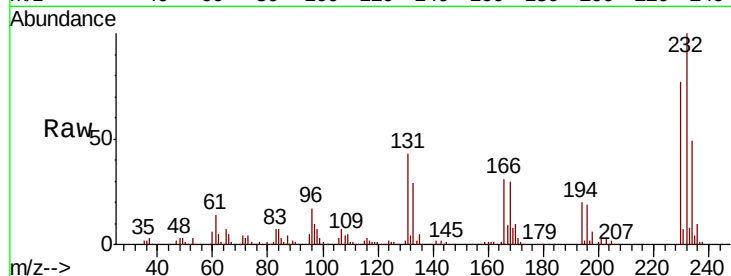
Ion Ratio Lower Upper

232 100

131 49.7 38.8 58.2

130 2.5 1.9 2.9

166 32.3 25.4 38.0

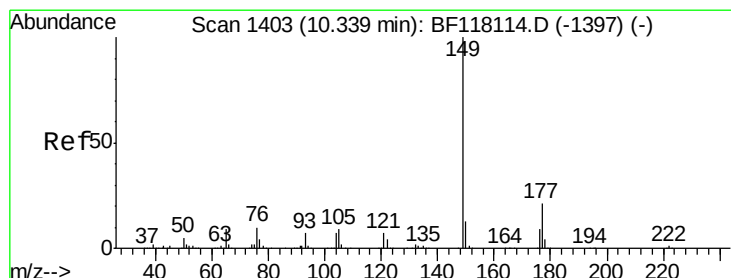
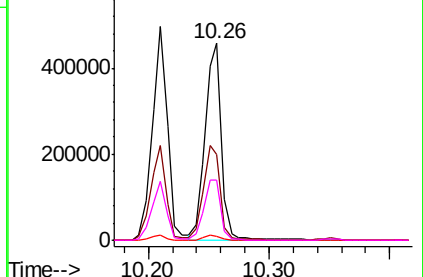
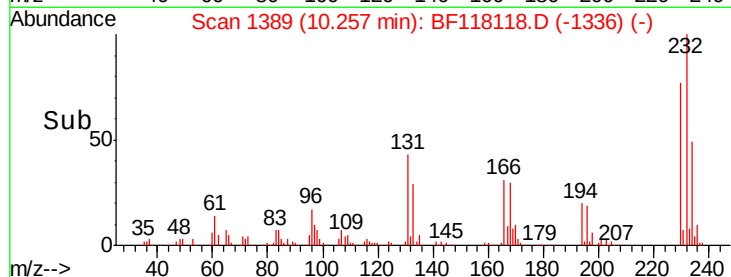


Abundance Ion 232.00 (231.70 to 232.70): E

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: 100.606 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

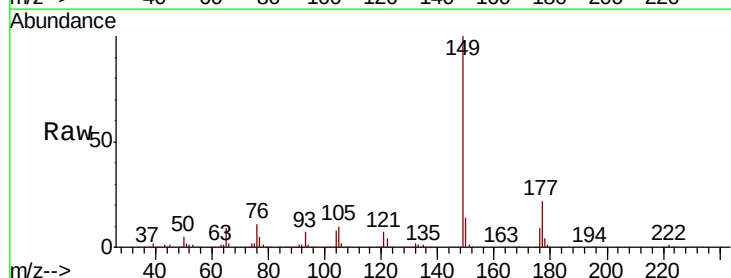
Tgt Ion:149 Resp: 1828783

Ion Ratio Lower Upper

149 100

177 22.3 17.0 25.4

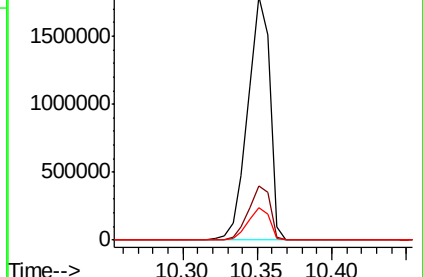
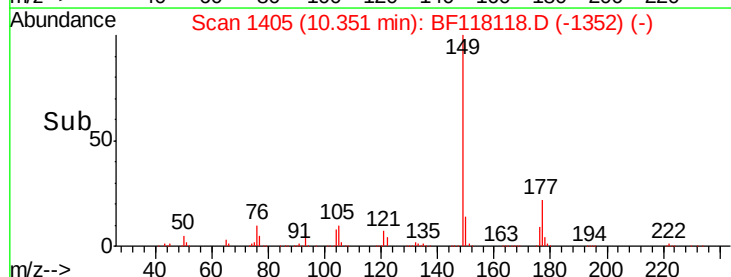
150 13.6 10.1 15.1

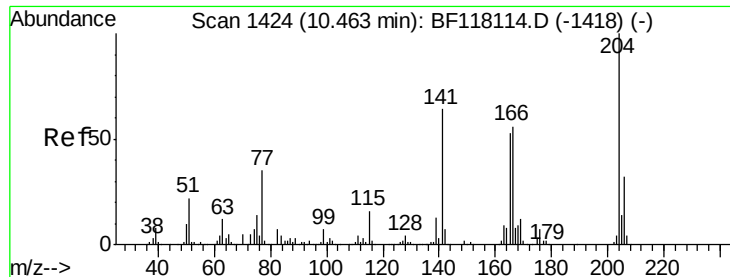


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

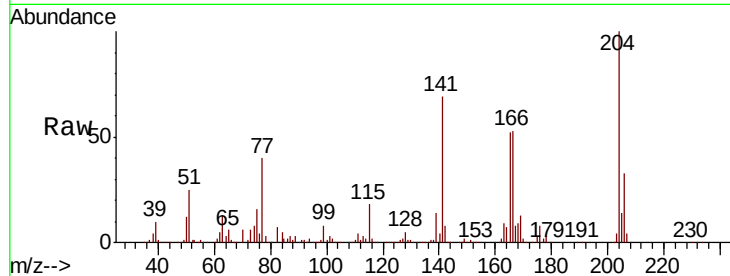




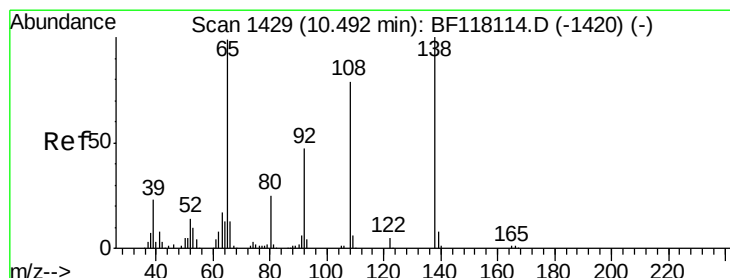
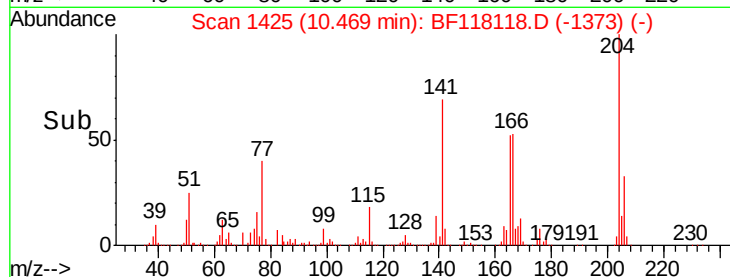
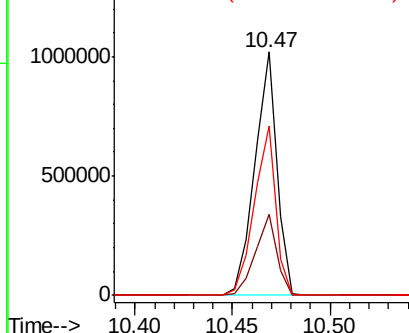
#61
4-Chlorophenyl-phenylether
Concen: 96.961 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 800284
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 69.3 51.0 76.6

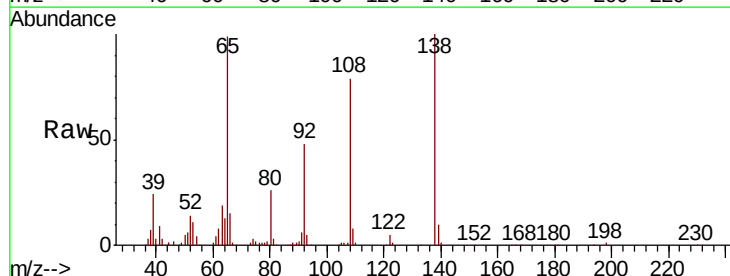


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

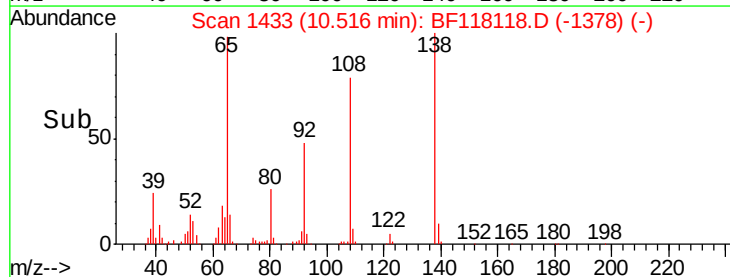
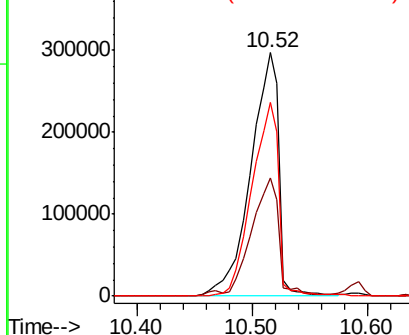


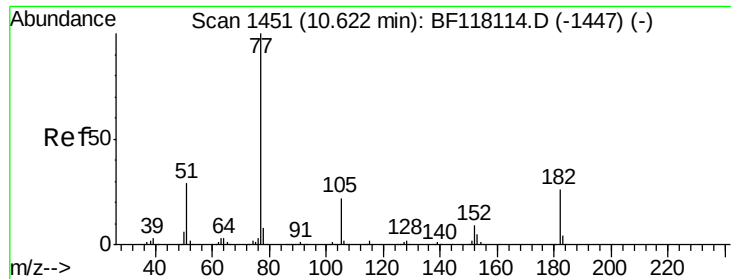
#62
4-Nitroaniline
Concen: 103.380 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:138 Resp: 504711
Ion Ratio Lower Upper
138 100
92 48.3 27.1 67.1
108 79.4 59.0 99.0



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

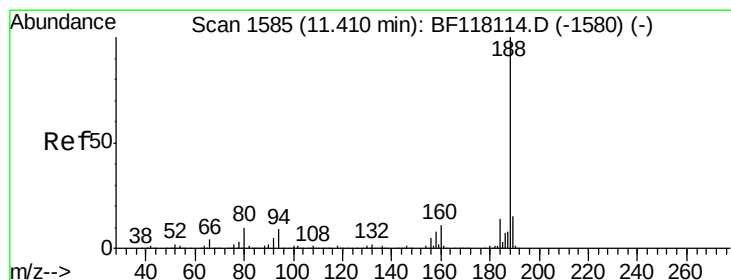
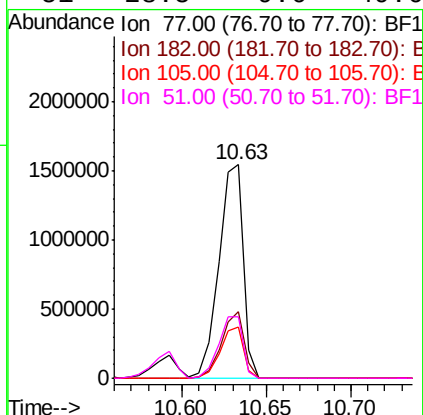
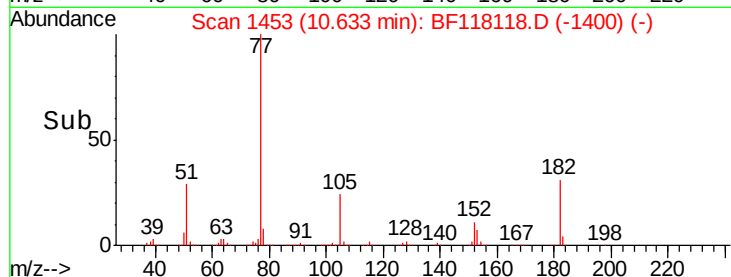
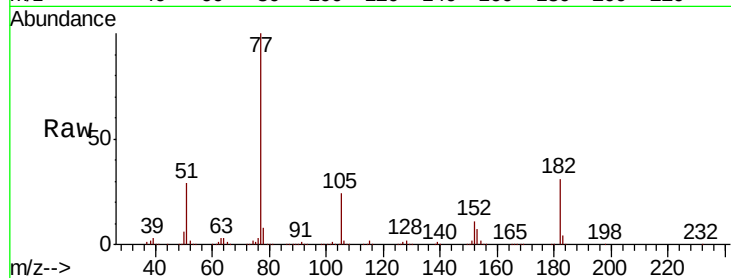




#63
Azobenzene
Concen: 93.654 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

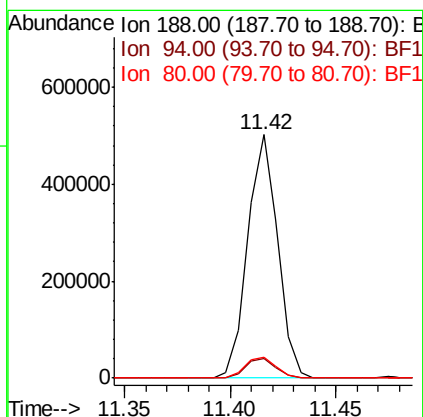
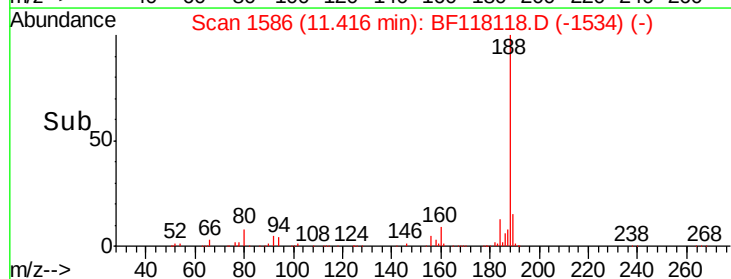
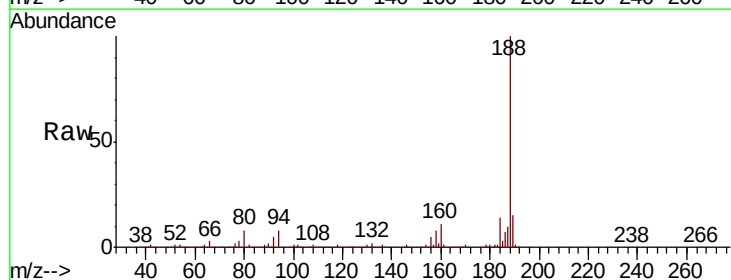
Instrument :
BNA_F
ClientSampleId :

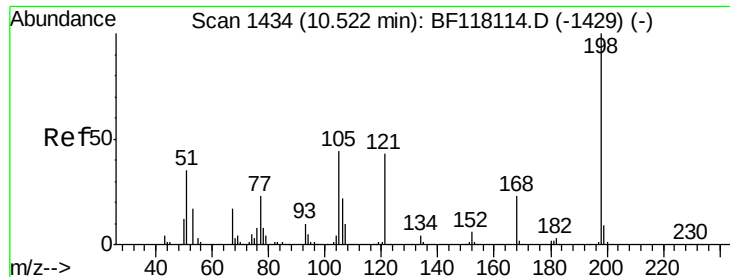
Tot Ion: 77 Resp: 1548798
Ion Ratio Lower Upper
77 100
182 31.5 5.7 45.7
105 24.0 2.2 42.2
51 28.5 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion: 188 Resp: 494904
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.9 11.9

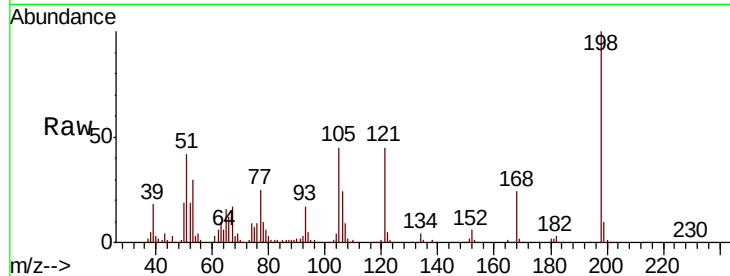




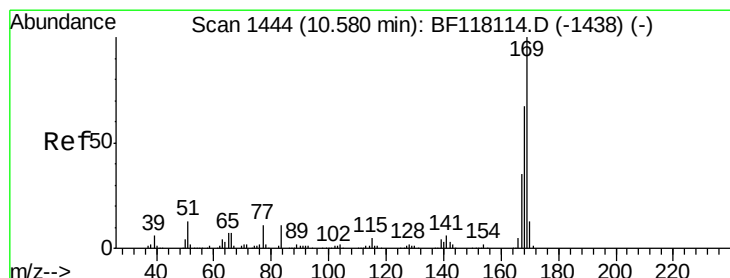
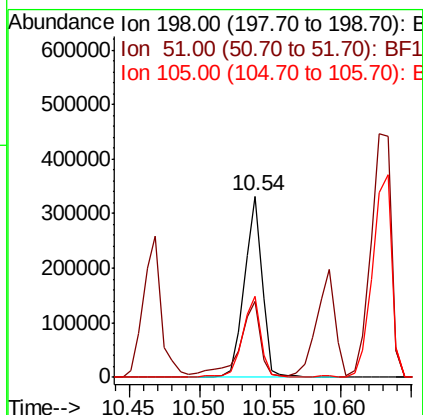
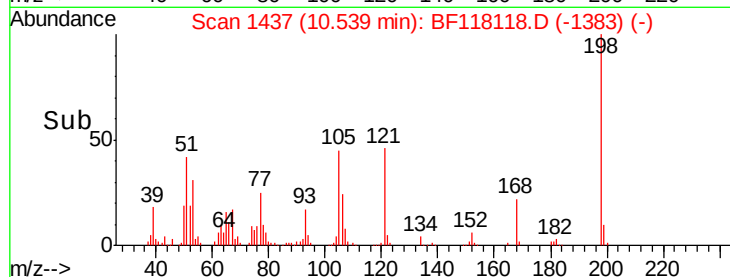
#65
4,6-Dinitro-2-methylphenol
Concen: 125.910 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 290901
Ion Ratio Lower Upper
198 100
51 42.2 22.0 62.0
105 44.7 25.6 65.6

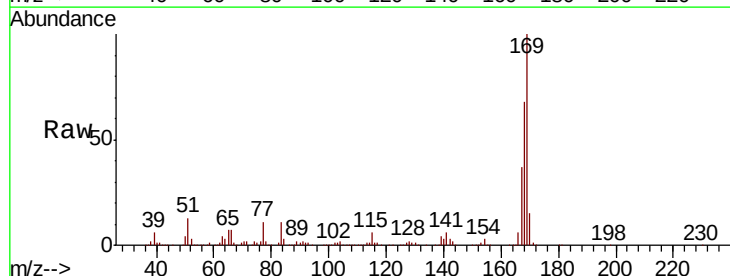


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

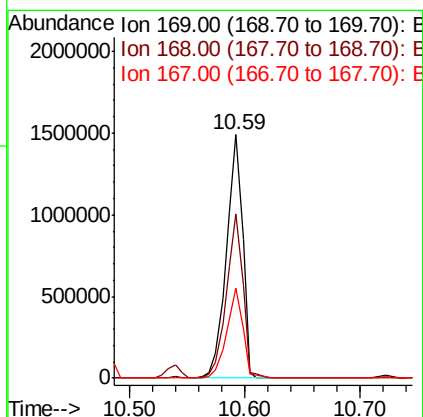
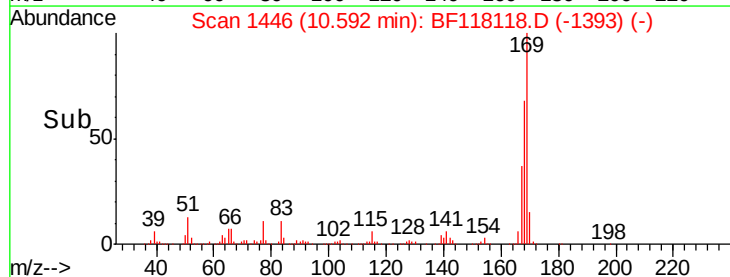


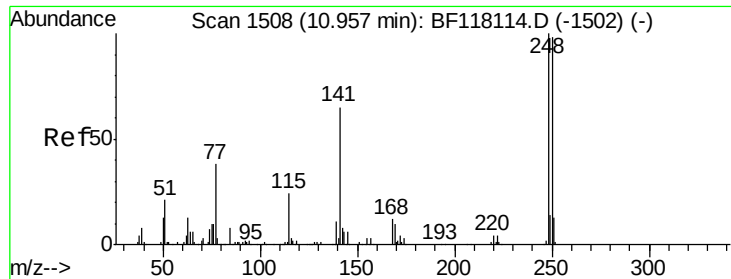
#66
n-Nitrosodiphenylamine
Concen: 100.146 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:169 Resp: 1442422
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 37.0 28.4 42.6



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

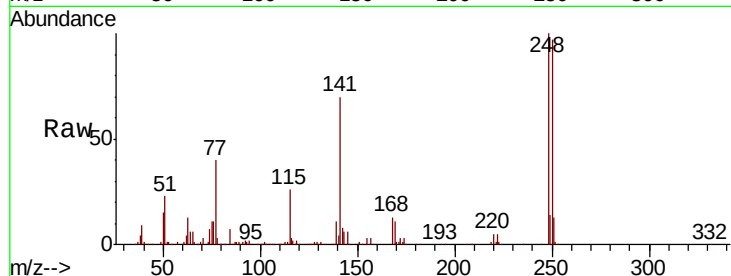




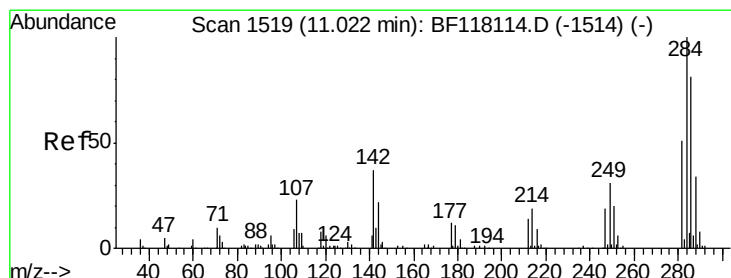
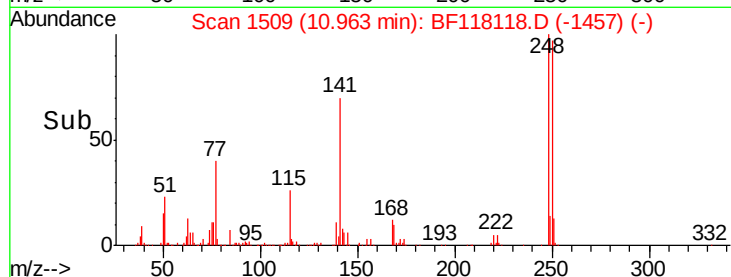
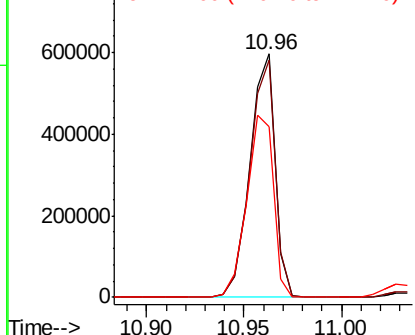
#67
4-Bromophenyl-phenylether
Concen: 100.368 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 535958
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 70.3 52.2 78.4

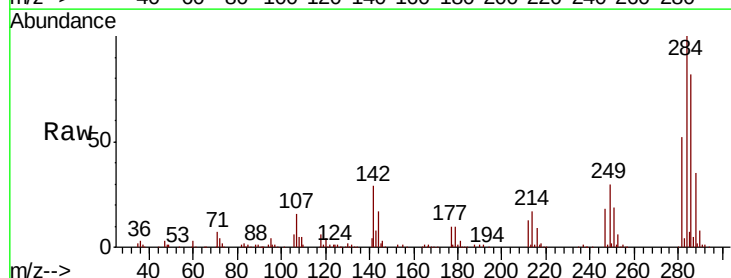


Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

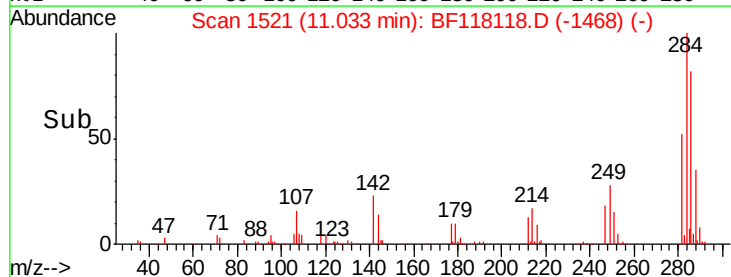
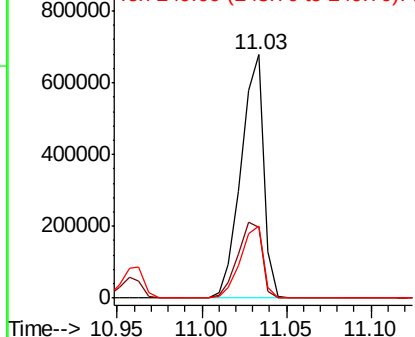


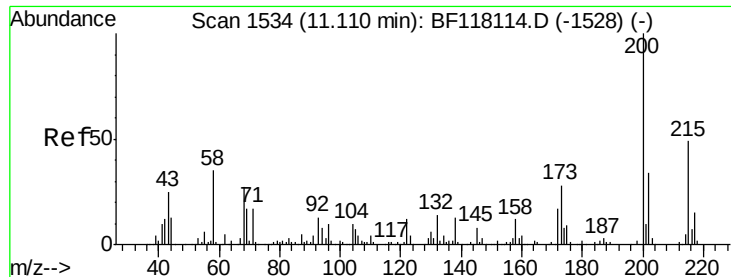
#68
Hexachlorobenzene
Concen: 101.932 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:284 Resp: 634696
Ion Ratio Lower Upper
284 100
142 29.0 29.7 44.5#
249 29.6 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

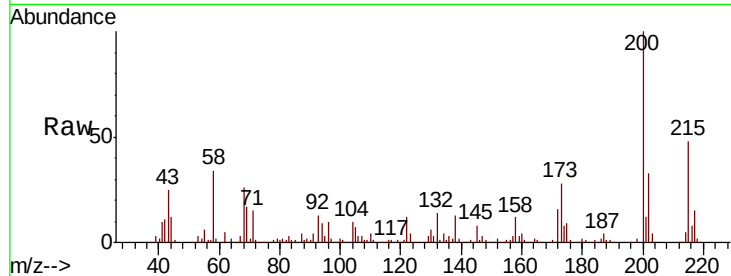




#69
Atrazine
Concen: 48.442 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.1	48.1
215	48.4	29.0	69.0

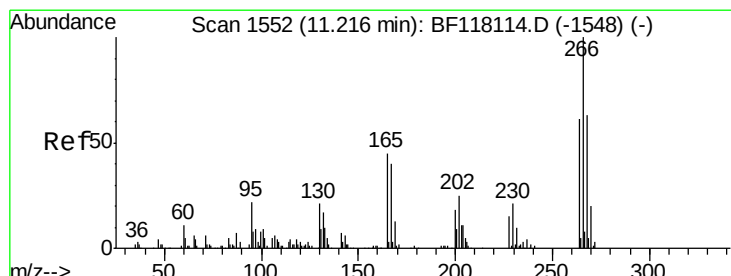
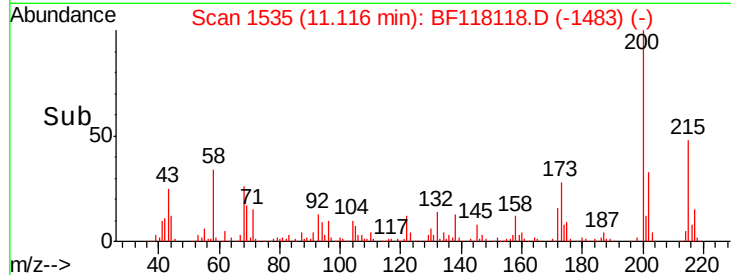
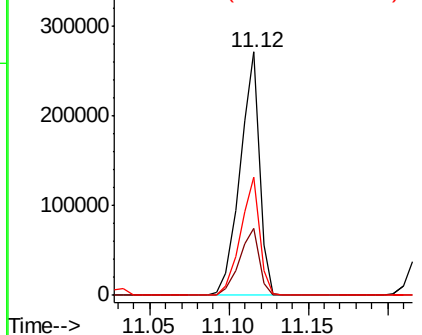


Abundance

Ion 200.00 (199.70 to 200.70): E

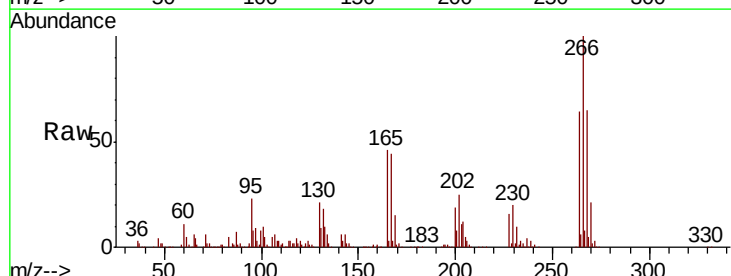
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.240 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.7	76.1
264	63.5	48.7	73.1

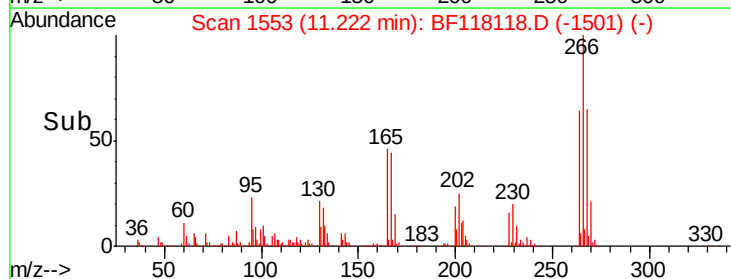
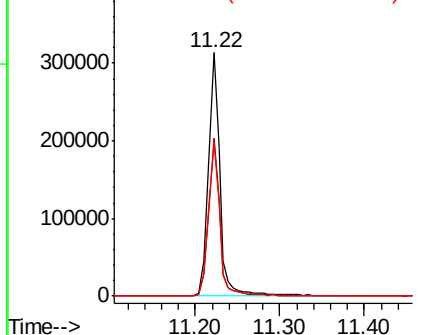


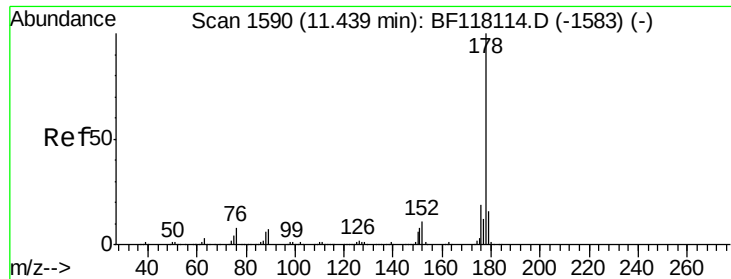
Abundance

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

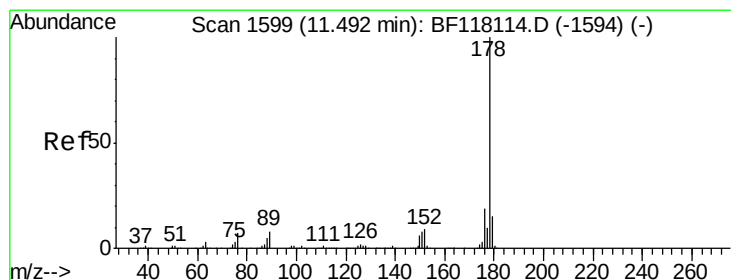
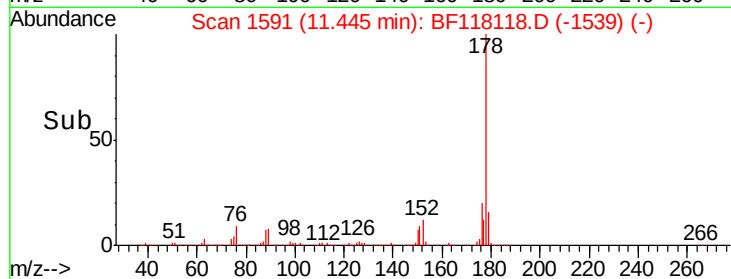
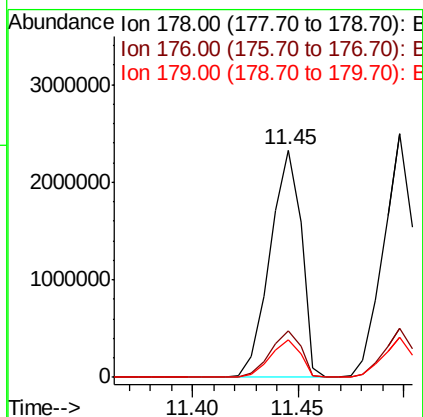
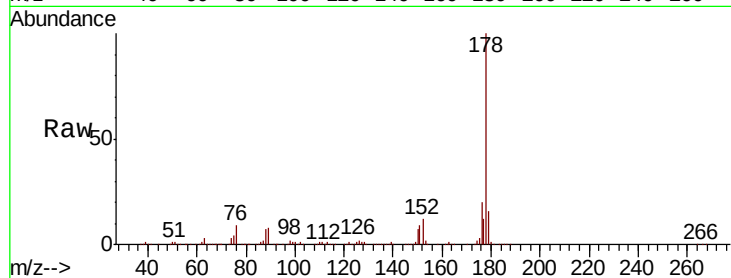




#71
Phenanthrene
Concen: 96.377 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

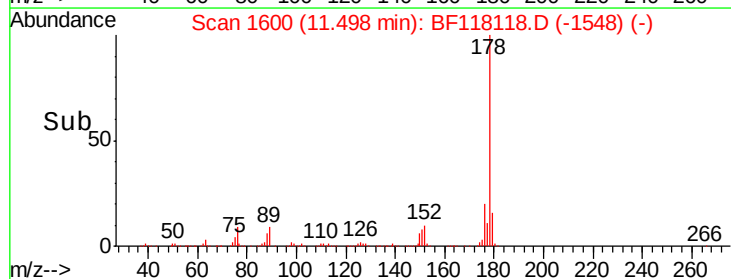
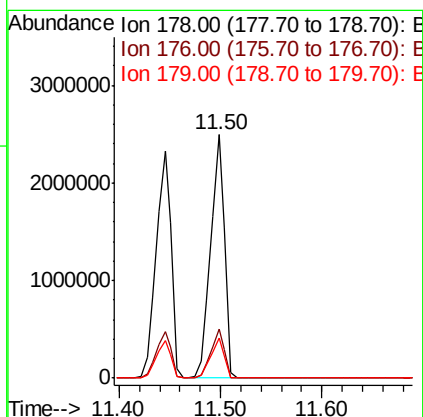
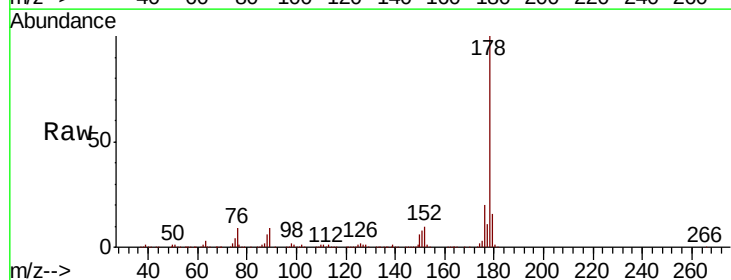
Instrument :
BNA_F
ClientSampleId :

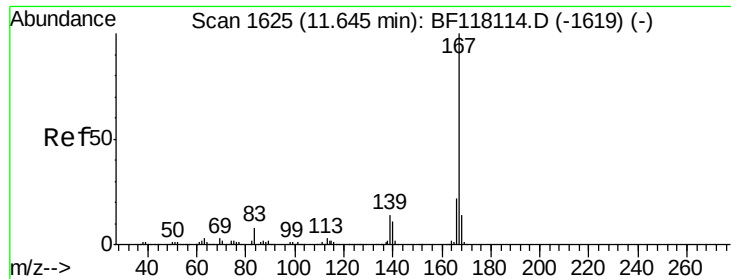
Tot Ion:178 Resp: 2398069
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.3 12.6 18.8



#72
Anthracene
Concen: 96.710 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:178 Resp: 2385842
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.6
179 16.4 12.2 18.4

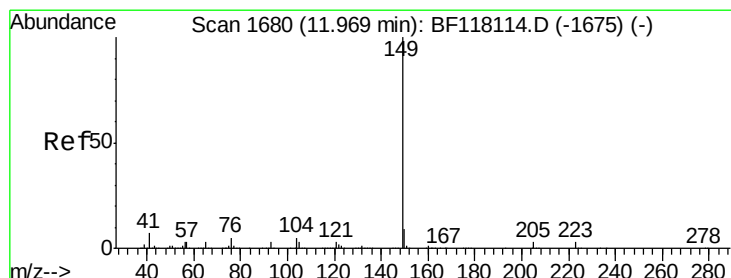
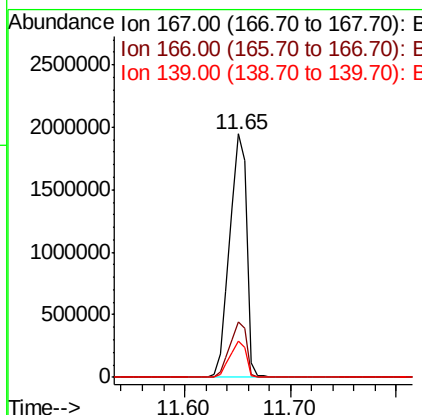
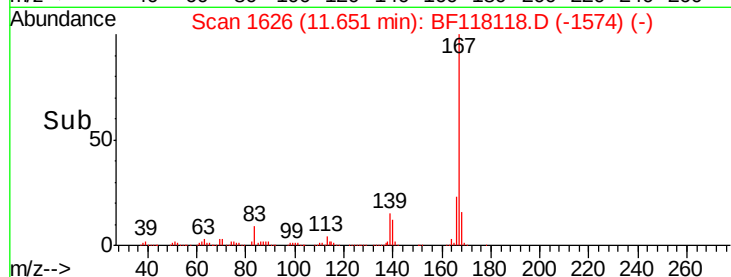
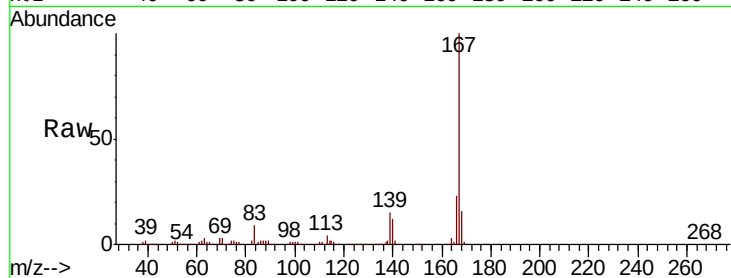




#73
 Carbazole
 Concen: 100.031 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

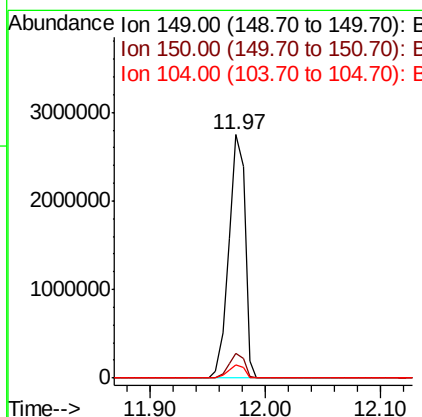
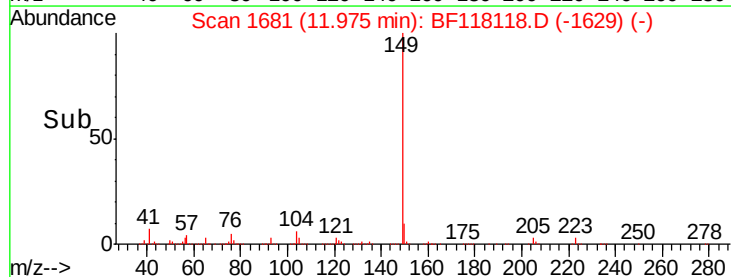
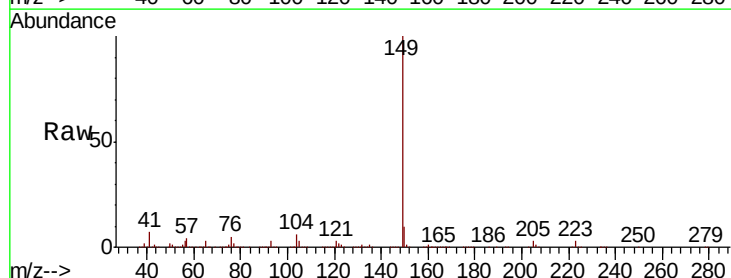
Instrument :
 BNA_F
 ClientSampleId :

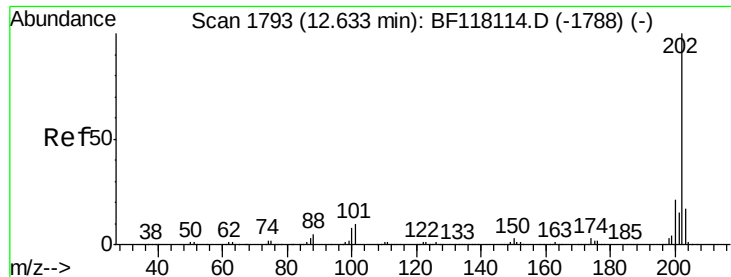
Tot Ion:167 Resp: 2156477
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 14.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 99.004 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118118.D
 Acq: 6 Dec 2019 16:50

Tgt Ion:149 Resp: 2657425
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.4 11.2
 104 5.6 4.3 6.5

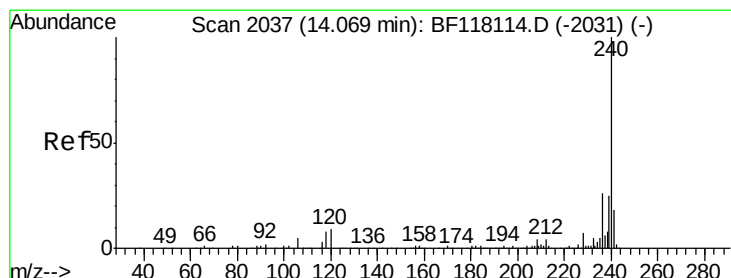
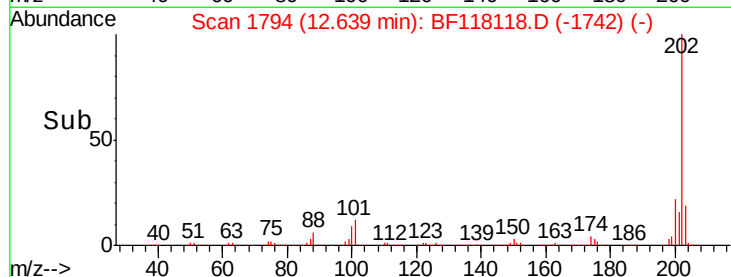
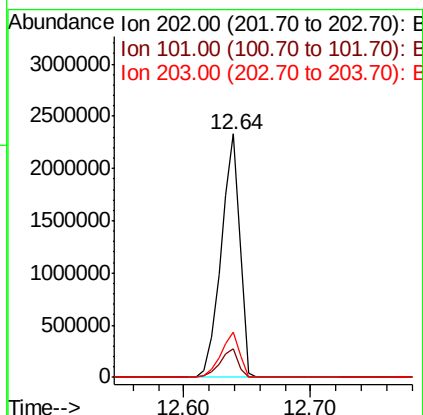
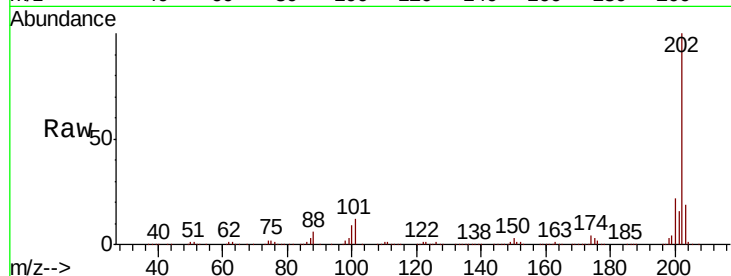




#75
Fluoranthene
Concen: 99.055 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

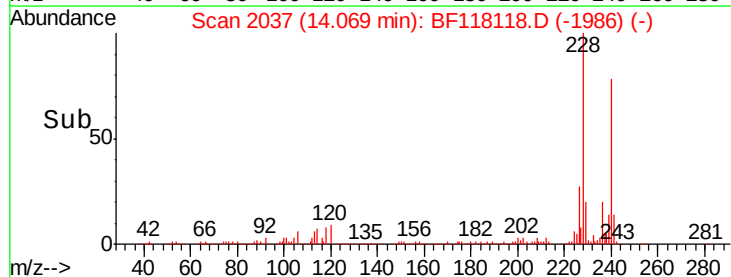
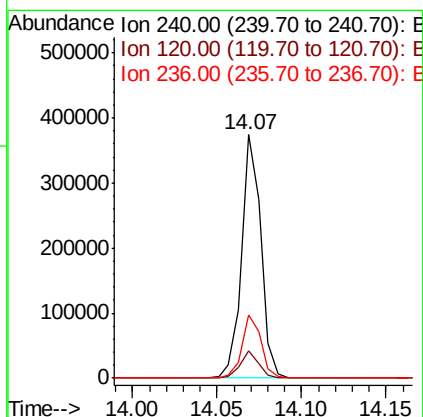
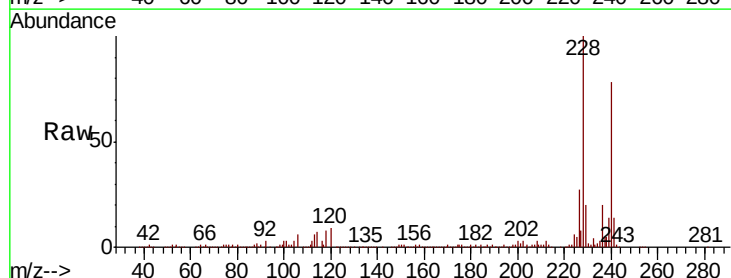
Instrument :
BNA_F
ClientSampleId :

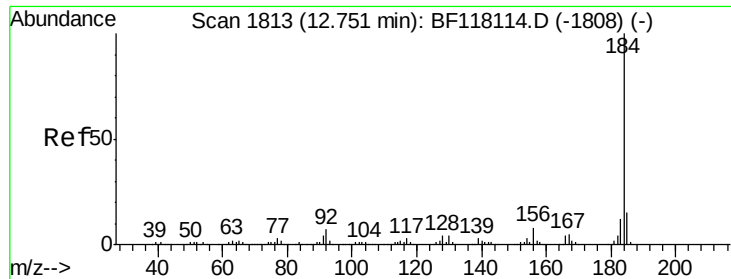
Tot Ion:202 Resp: 2384342
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.4
203 18.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:240 Resp: 296588
Ion Ratio Lower Upper
240 100
120 11.1 7.1 10.7#
236 25.8 21.0 31.6





#77

Benzidine

Concen: 55.514 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

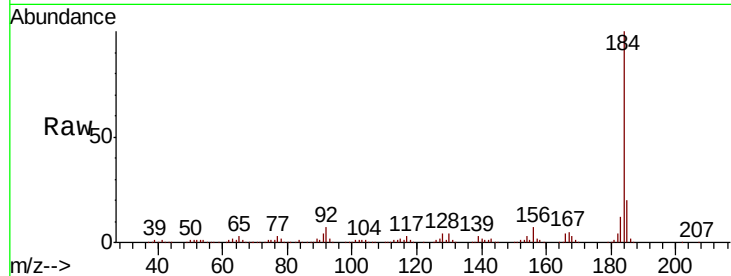
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 539316

Ion	Ratio	Lower	Upper
184	100		
185	19.6	12.3	18.5#
183	12.2	9.9	14.9

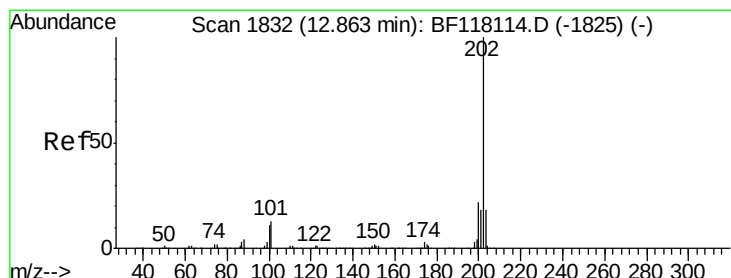
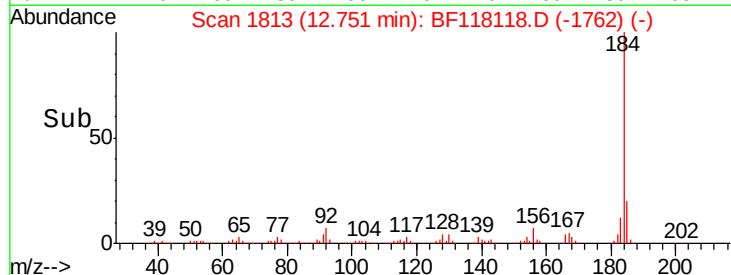
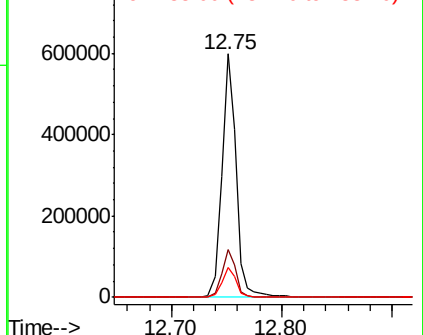


Abundance

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: 100.189 ng

RT: 12.87 min Scan# 1833

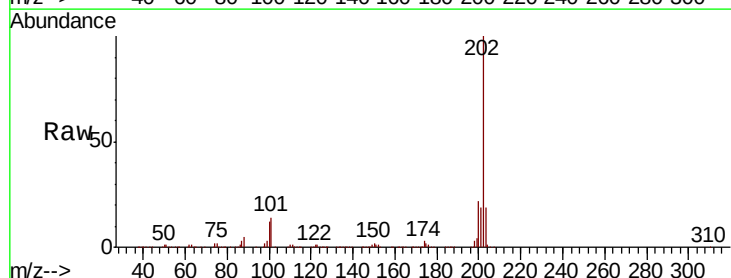
Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion:202 Resp: 2401425

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	18.7	14.6	21.8

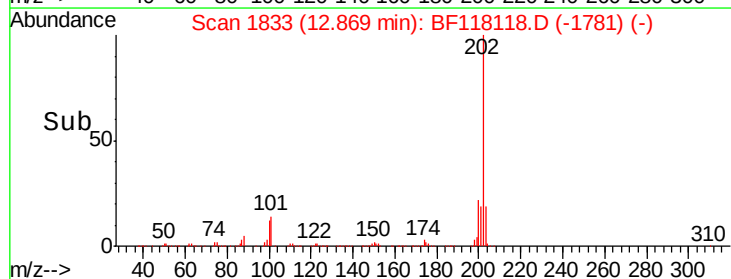
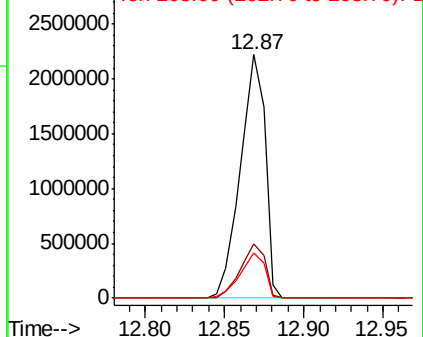


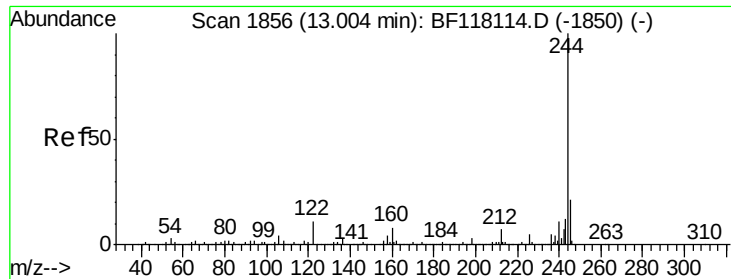
Abundance

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: 210.239 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

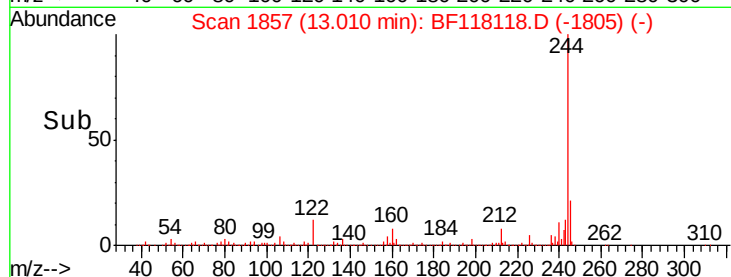
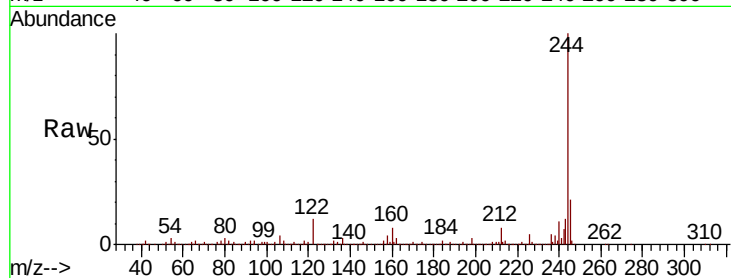
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3411799

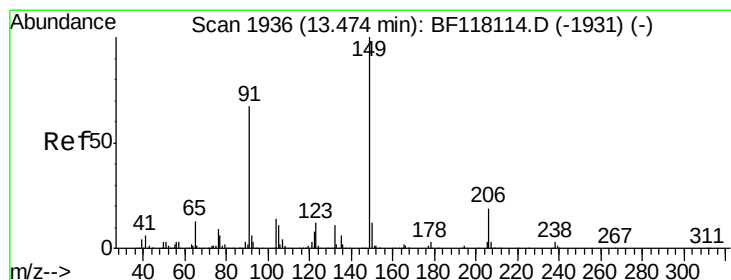
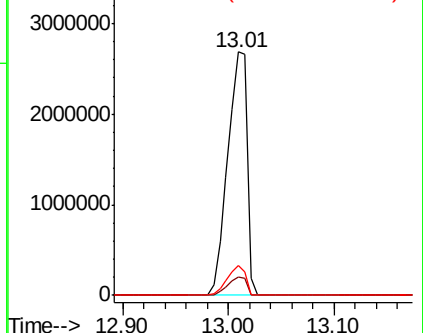
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.2	9.0	13.6



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: 104.747 ng

RT: 13.48 min Scan# 1937

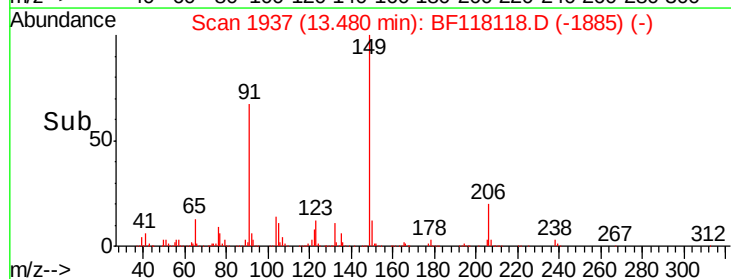
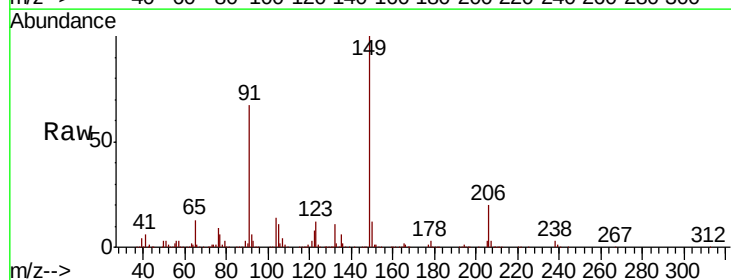
Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion:149 Resp: 1078328

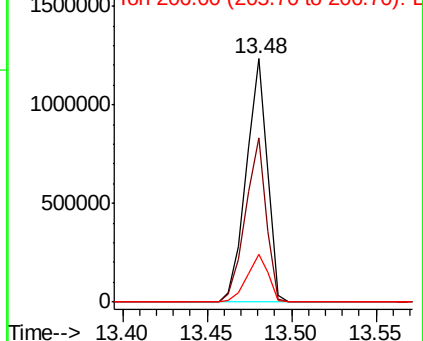
Ion	Ratio	Lower	Upper
149	100		
91	67.3	53.9	80.9
206	19.7	15.2	22.8

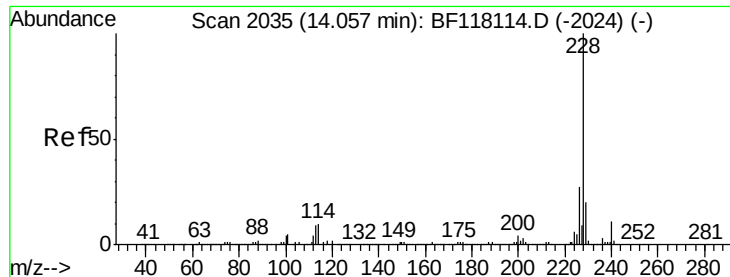


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 98.558 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

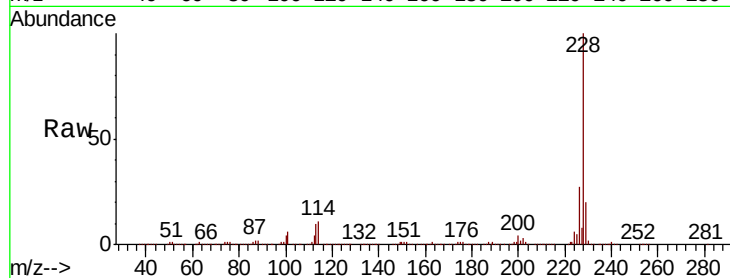
Tot Ion:228 Resp: 1931643

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.3	15.8	23.8

228 100

226 27.1 21.8 32.8

229 20.3 15.8 23.8

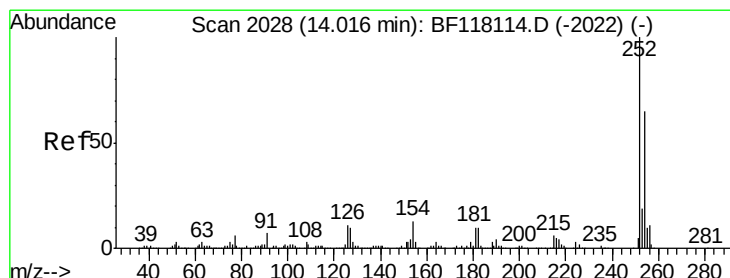
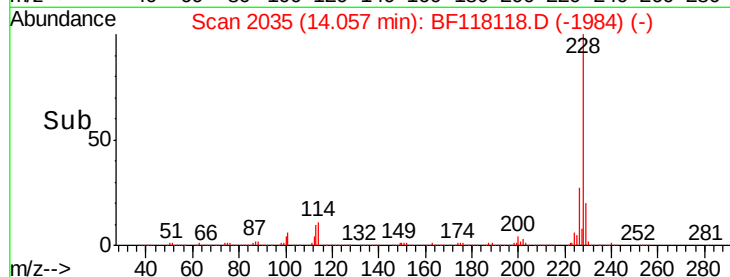
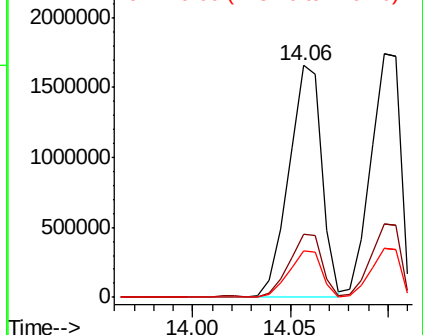


Abundance

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: 72.885 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

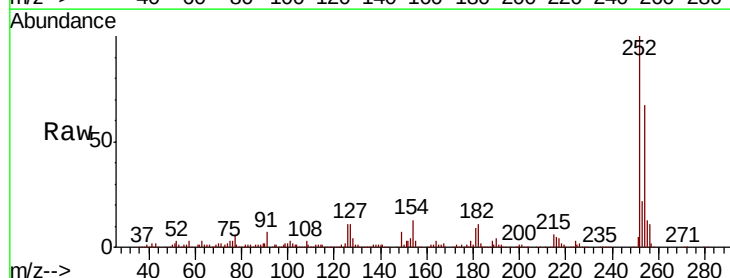
Tgt Ion:252 Resp: 499673

Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.2	78.4
126	10.6	8.6	13.0

252 100

254 66.7 52.2 78.4

126 10.6 8.6 13.0

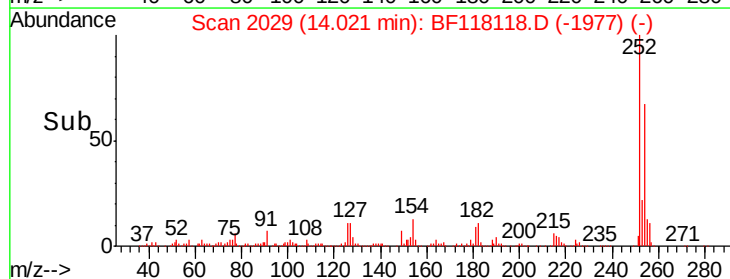
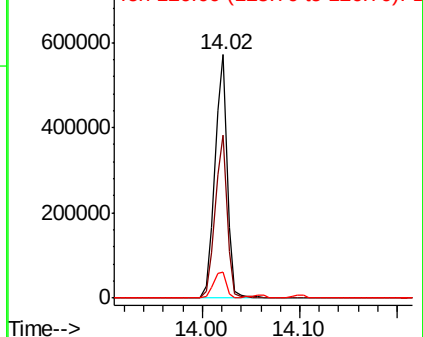


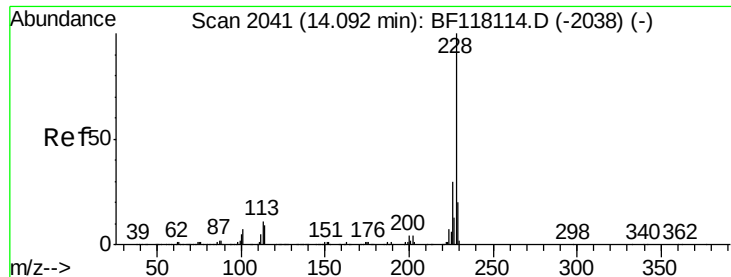
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 96.945 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

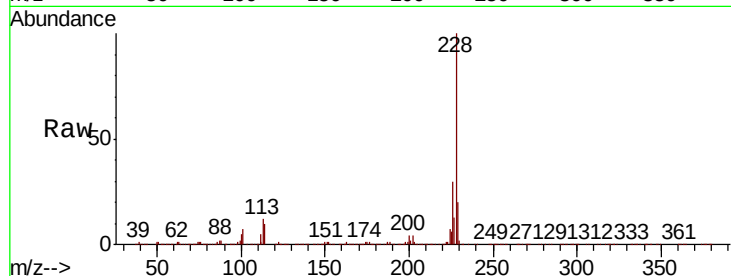
Tot Ion:228 Resp: 1841119

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

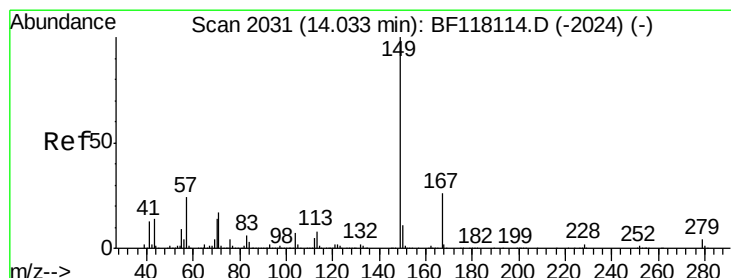
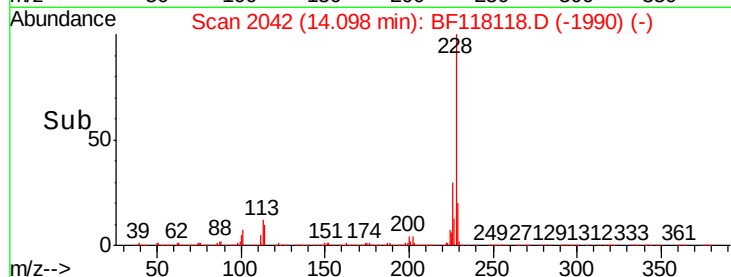
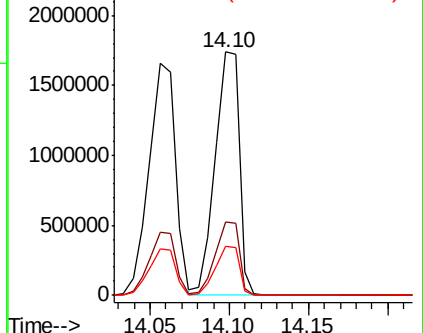
229 20.0 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 110.002 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

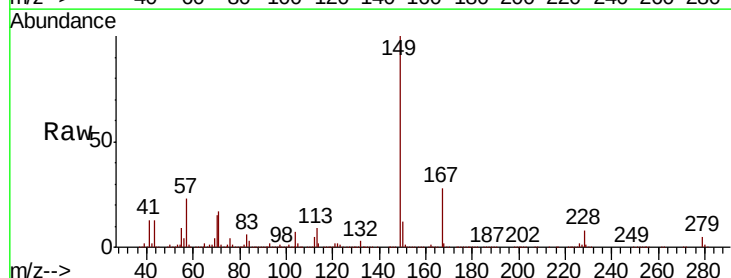
Tgt Ion:149 Resp: 1372909

Ion Ratio Lower Upper

149 100

167 27.6 20.8 31.2

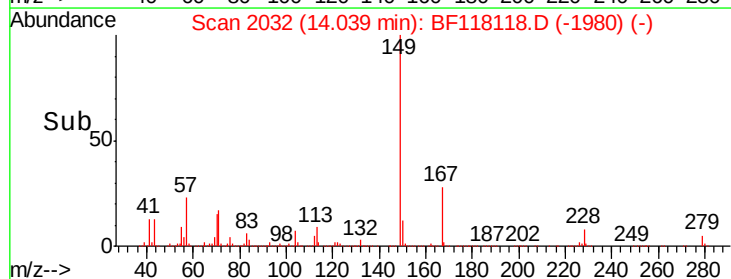
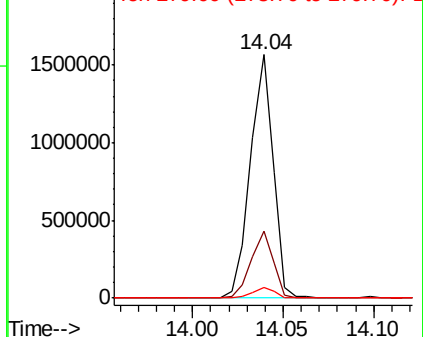
279 4.6 2.9 4.3#

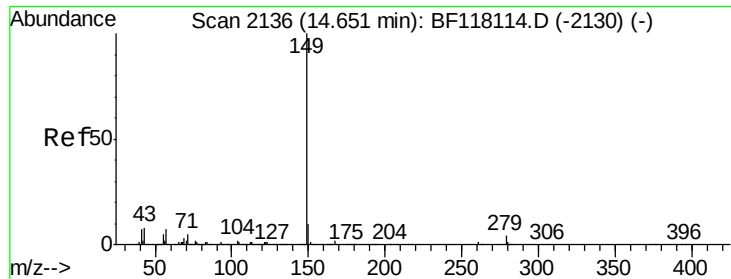


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 104.904 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Instrument :

BNA_F

ClientSampleId :

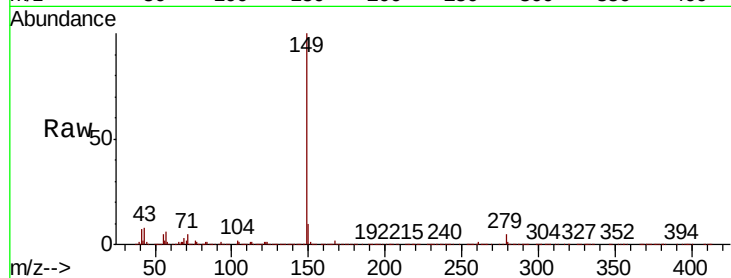
Tot Ion:149 Resp: 1923445

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

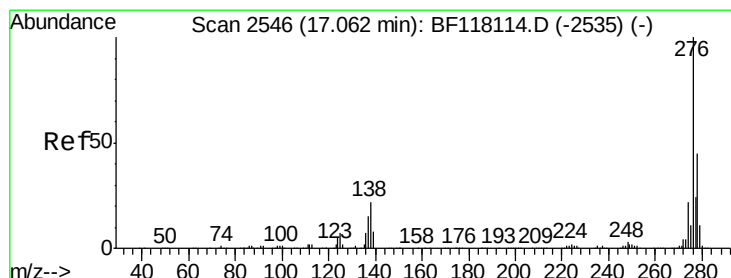
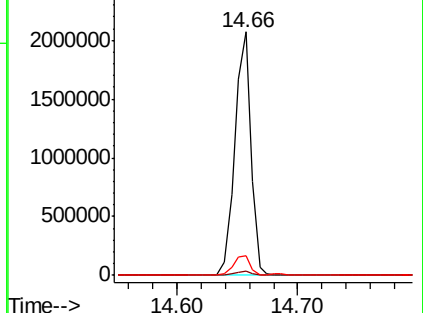
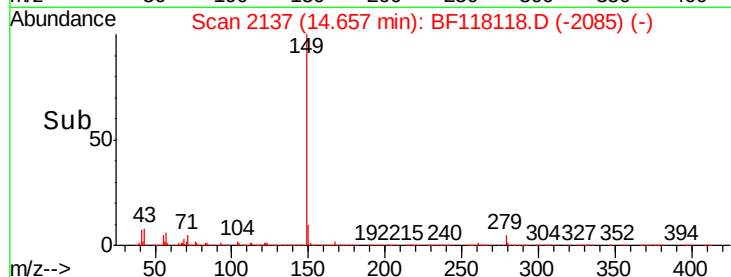
43 8.6 6.5 9.7



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: 111.045 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

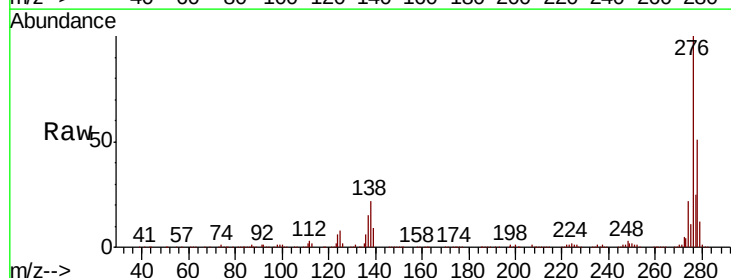
Tgt Ion:276 Resp: 1794883

Ion Ratio Lower Upper

276 100

138 24.0 18.9 28.3

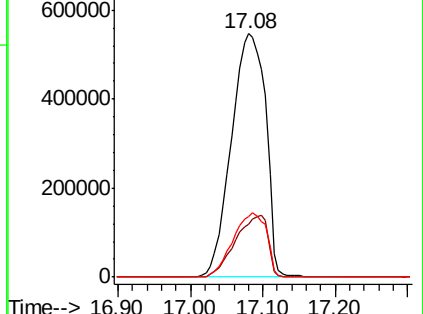
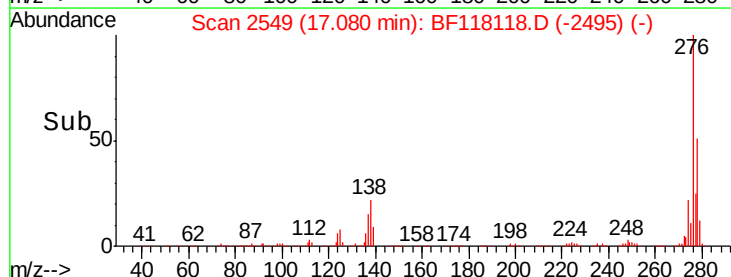
277 26.0 20.4 30.6

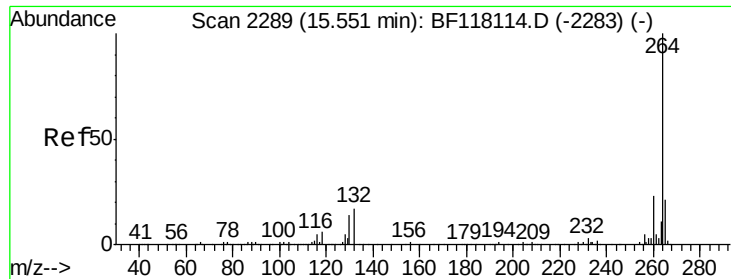


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



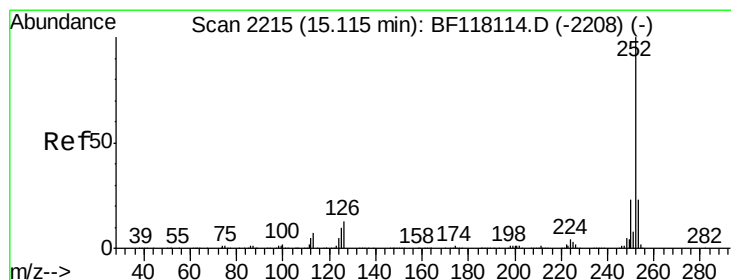
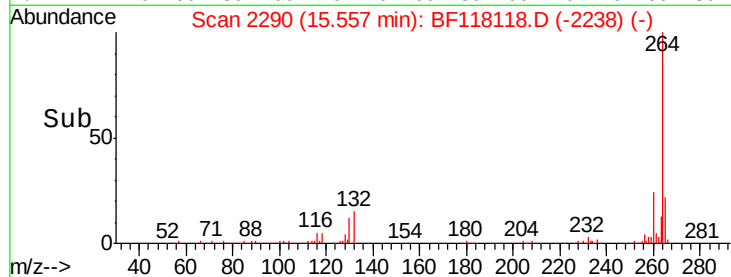
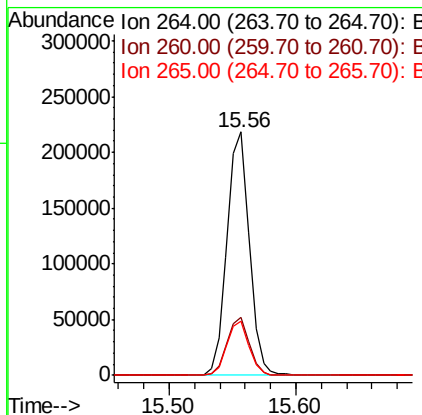
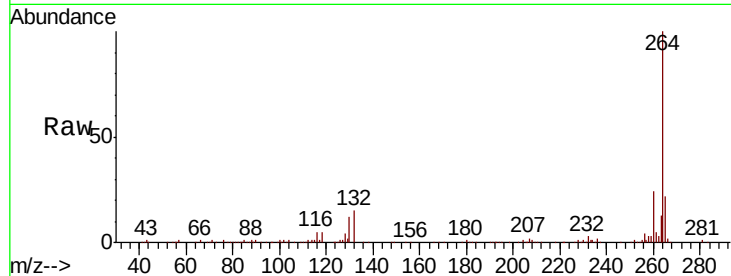


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 266286

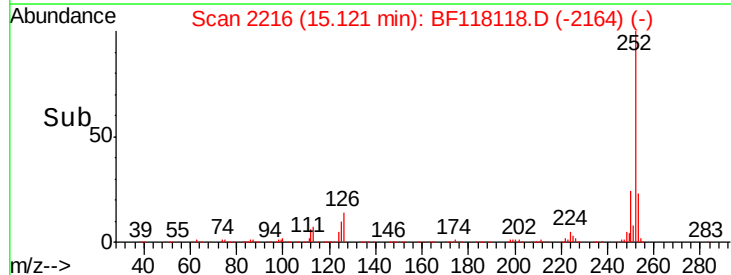
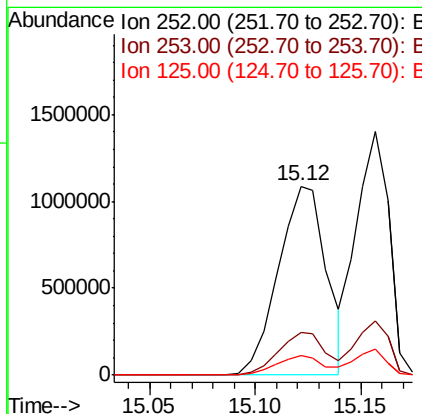
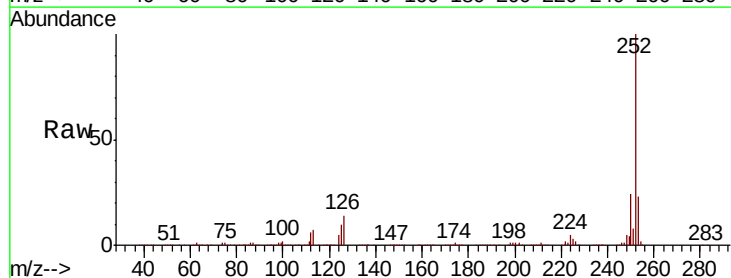
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.2	16.8	25.2

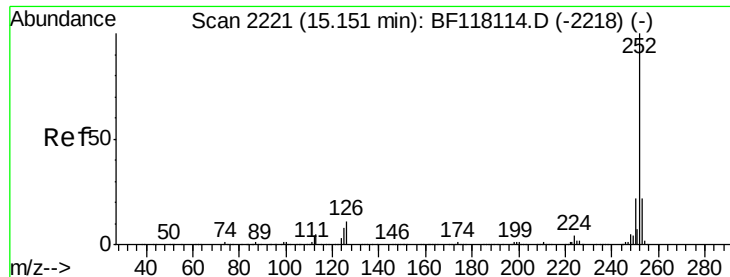


#88
Benzo(b)fluoranthene
Concen: 99.699 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:252 Resp: 1724868

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.2	8.3	12.5

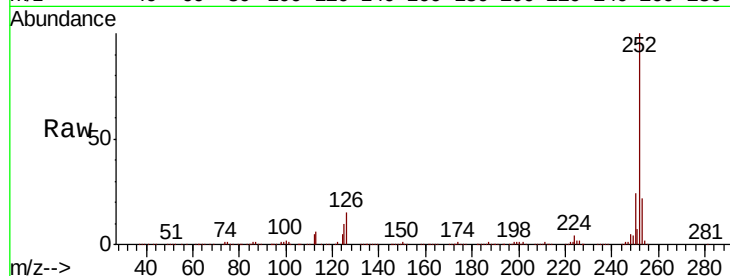




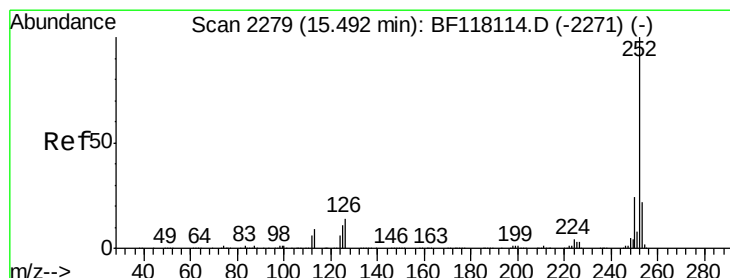
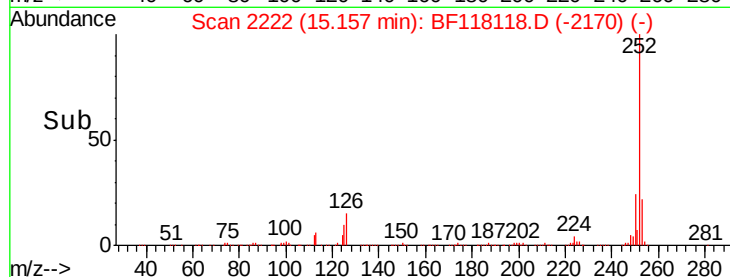
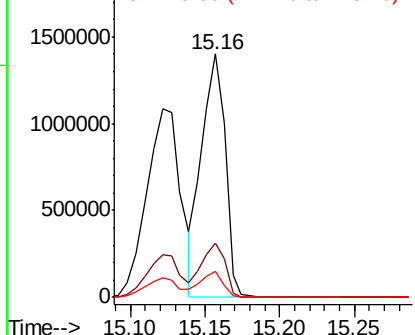
#89
Benzo(k)fluoranthene
Concen: 93.529 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1524641
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.5 6.7 10.1#

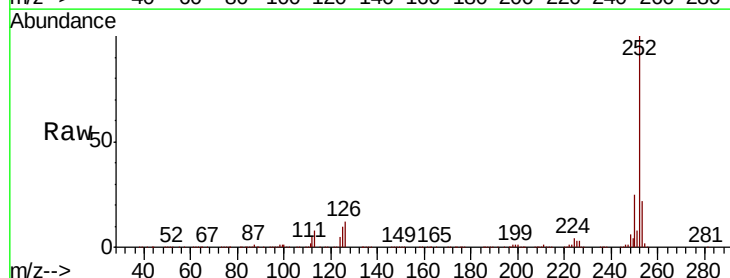


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

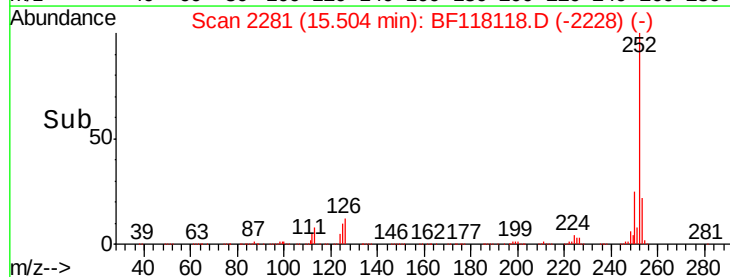
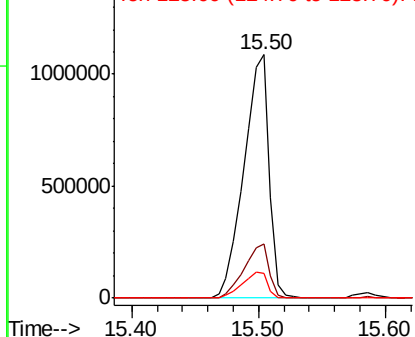


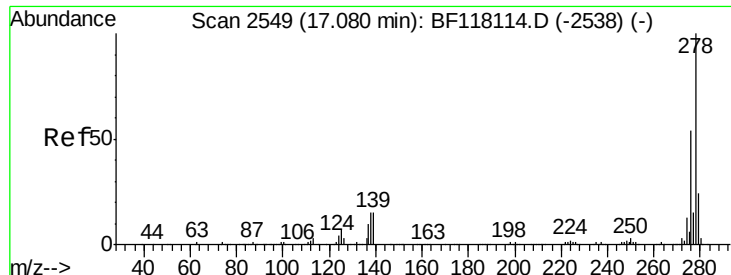
#90
Benzo(a)pyrene
Concen: 98.774 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF118118.D
Acq: 6 Dec 2019 16:50

Tgt Ion:252 Resp: 1502670
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.2 9.1 13.7



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: 110.261 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

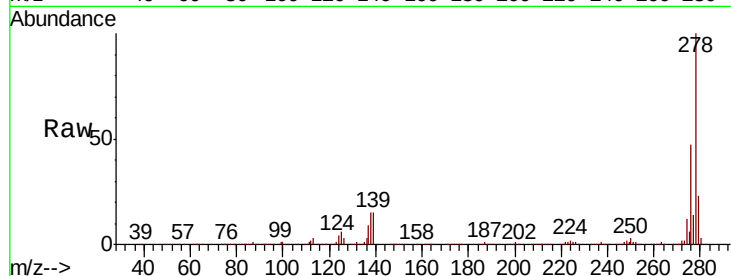
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1443795

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	23.4	19.0	28.4

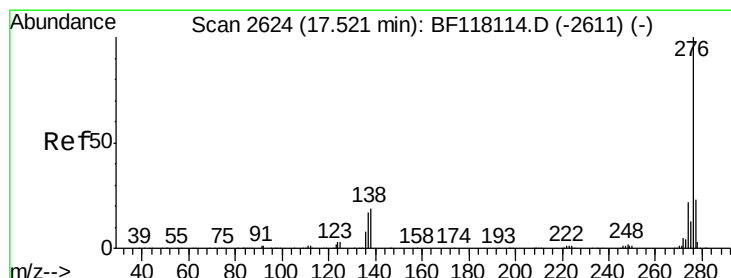
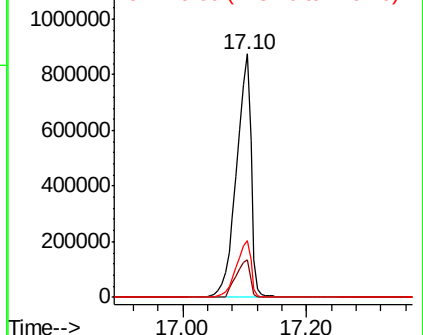
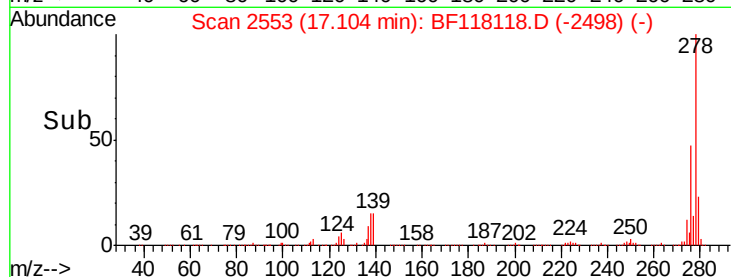


Abundance

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: 111.492 ng

RT: 17.54 min Scan# 2628

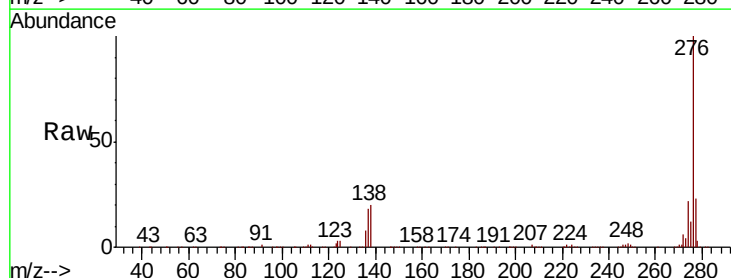
Delta R.T. 0.02 min

Lab File: BF118118.D

Acq: 6 Dec 2019 16:50

Tgt Ion:276 Resp: 1454108

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.2	27.4
138	20.3	15.5	23.3



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

