

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118115.D
 Acq On : 6 Dec 2019 15:27
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 16:27:12 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	145807	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	543237	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	286317	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	528200	20.00	ng	0.00
76) Chrysene-d12	14.07	240	361973	20.00	ng	0.00
87) Perylene-d12	15.56	264	311989	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	828521	100.58	ng	0.00
7) Phenol-d6	6.50	99	1000681	100.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	971725	106.33	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344736	113.73	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1848815	115.84	ng	0.00
79) Terphenyl-d14	13.00	244	2110568	106.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	177731	46.160	ng	99
3) Pyridine	3.38	79	452209	44.773	ng	100
4) n-Nitrosodimethylamine	3.34	42	198446	45.010	ng	100
6) Aniline	6.53	93	644410	49.082	ng	99
8) 2-Chlorophenol	6.66	128	466134	52.151	ng	98
9) Benzaldehyde	6.42	77	243960	39.309	ng	98
10) Phenol	6.52	94	568866	55.100	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	414802	50.031	ng	95
12) 1,3-Dichlorobenzene	6.81	146	542373	51.542	ng	98
13) 1,4-Dichlorobenzene	6.89	146	555055	52.184	ng	98
14) 1,2-Dichlorobenzene	7.05	146	517792	50.901	ng	98
15) Benzyl Alcohol	7.02	79	390063	50.852	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	499564	39.136	ng	99
17) 2-Methylphenol	7.13	107	371898	49.133	ng	98
18) Hexachloroethane	7.39	117	203452	52.069	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	303088	49.449	ng	97
20) 3+4-Methylphenols	7.28	107	460773	49.040	ng	# 89
22) Acetophenone	7.29	105	646975	53.009	ng	94
24) Nitrobenzene	7.46	77	470958	49.956	ng	98
25) Isophorone	7.70	82	815130	48.667	ng	99
26) 2-Nitrophenol	7.77	139	260184	56.702	ng	99
27) 2,4-Dimethylphenol	7.81	122	340631	47.773	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	532655	50.115	ng	99
29) 2,4-Dichlorophenol	8.02	162	397202	51.357	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	457135	50.956	ng	98
31) Naphthalene	8.18	128	1364470	53.878	ng	99
32) Benzoic acid	7.95	122	320182	53.631	ng	96
33) 4-Chloroaniline	8.23	127	586238	51.707	ng	98
34) Hexachlorobutadiene	8.30	225	275374	52.501	ng	99
35) Caprolactam	8.62	113	122722	49.927	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	412419	52.543	ng	99
37) 2-Methylnaphthalene	8.87	142	914798	53.461	ng	99
38) 1-Methylnaphthalene	8.97	142	853746	52.775	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	434573	52.264	ng	99

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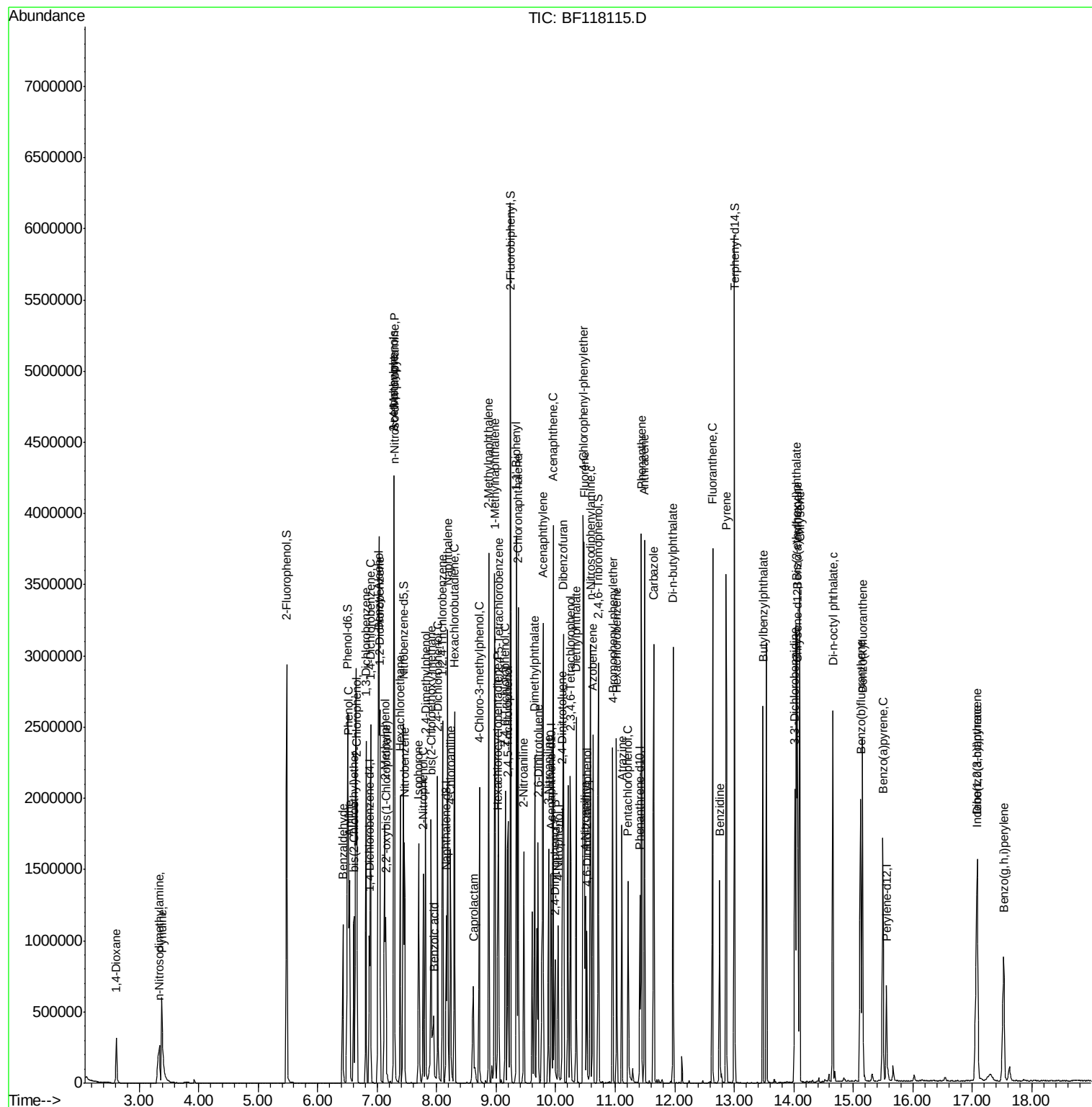
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	208564	44.759	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	293313	49.249	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	297447	48.103	ng	94
46) 1,1'-Biphenyl	9.34	154	1129427	53.169	ng	99
47) 2-Chloronaphthalene	9.37	162	899609	51.480	ng	97
48) 2-Nitroaniline	9.46	65	262160	49.692	ng	97
49) Acenaphthylene	9.79	152	1319955	51.809	ng	99
50) Dimethylphthalate	9.65	163	1034877	51.543	ng	100
51) 2,6-Dinitrotoluene	9.71	165	229327	52.262	ng #	86
52) Acenaphthene	9.96	154	803189	49.213	ng	99
53) 3-Nitroaniline	9.88	138	269670	51.359	ng	99
54) 2,4-Dinitrophenol	9.99	184	120155	61.681	ng	88
55) Dibenzofuran	10.13	168	1189479	52.631	ng	100
56) 4-Nitrophenol	10.04	139	194005	49.500	ng	92
57) 2,4-Dinitrotoluene	10.12	165	309683	55.480	ng	92
58) Fluorene	10.47	166	929525	53.075	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	245036	48.228	ng	99
60) Diethylphthalate	10.35	149	1020148	52.116	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	470260	52.910	ng	97
62) 4-Nitroaniline	10.50	138	280646	53.383	ng	99
63) Azobenzene	10.63	77	867891	48.735	ng	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	152920	62.016	ng	90
66) n-Nitrosodiphenylamine	10.59	169	830140	54.003	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	303793	53.304	ng	97
68) Hexachlorobenzene	11.03	284	355522	53.498	ng #	91
69) Atrazine	11.11	200	205771	40.693	ng	99
70) Pentachlorophenol	11.22	266	176075	45.350	ng	99
71) Phenanthrene	11.44	178	1386015	52.192	ng	99
72) Anthracene	11.49	178	1391162	52.836	ng	100
73) Carbazole	11.65	167	1241816	53.972	ng	99
74) Di-n-butylphthalate	11.97	149	1547392	54.015	ng	99
75) Fluoranthene	12.63	202	1415498	55.099	ng	98
77) Benzidine	12.75	184	496654	41.888	ng	98
78) Pyrene	12.86	202	1448788	49.526	ng	99
80) Butylbenzylphthalate	13.48	149	651718	51.871	ng	94
81) Benzo(a)anthracene	14.06	228	1254462	52.445	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	393106	46.983	ng	99
83) Chrysene	14.10	228	1185986	51.168	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	851634	55.910	ng #	98
85) Di-n-octyl phthalate	14.66	149	1290379	57.664	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	936964	47.497	ng	100
88) Benzo(b)fluoranthene	15.12	252	1029388	50.784	ng	99
89) Benzo(k)fluoranthene	15.15	252	1014162	53.100	ng	99
90) Benzo(a)pyrene	15.50	252	909171	51.007	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	765893	49.922	ng	99
92) Benzo(g,h,i)perylene	17.53	276	748989	49.015	ng	97

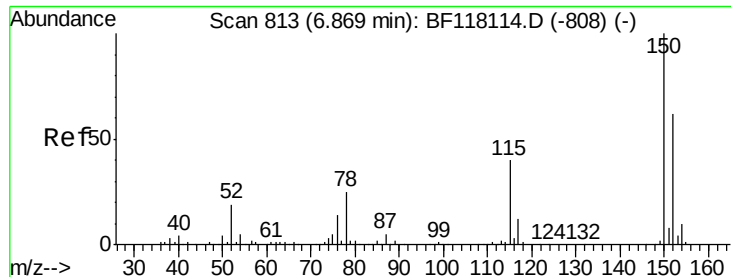
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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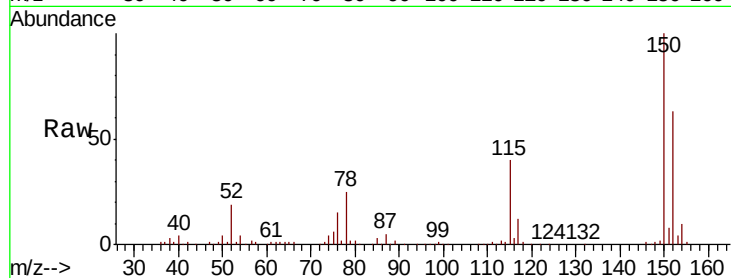


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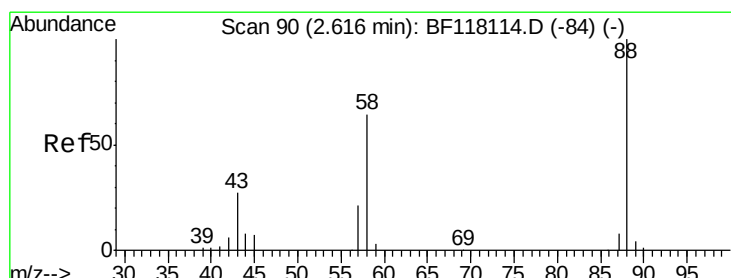
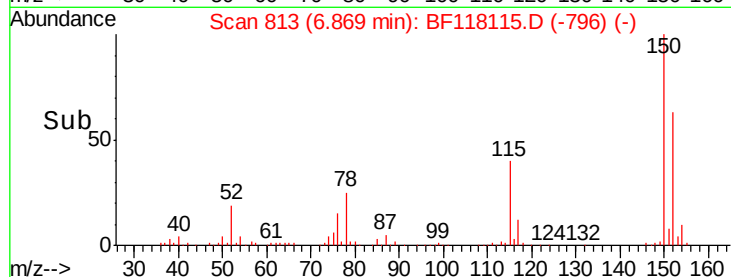
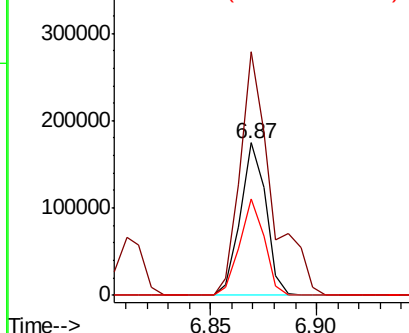
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145807
Ion Ratio Lower Upper
152 100
150 159.9 128.3 192.5
115 63.4 51.1 76.7



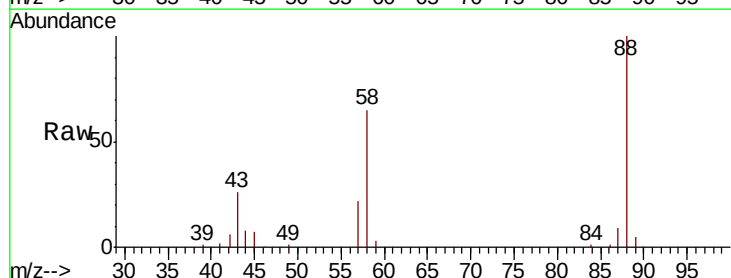
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



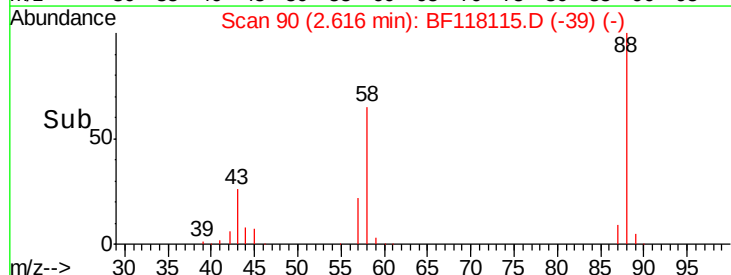
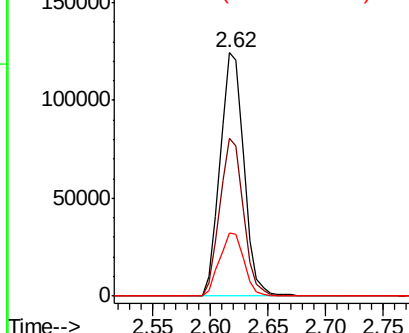
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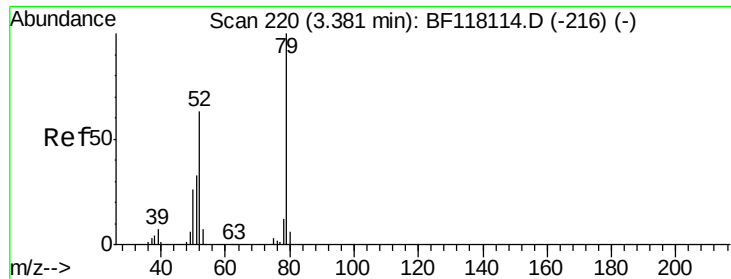
1,4-Dioxane
Concen: 46.160 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion: 88 Resp: 177731
Ion Ratio Lower Upper
88 100
58 64.0 52.2 78.4
43 26.6 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



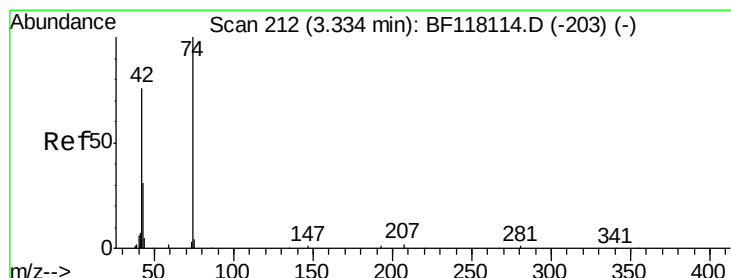
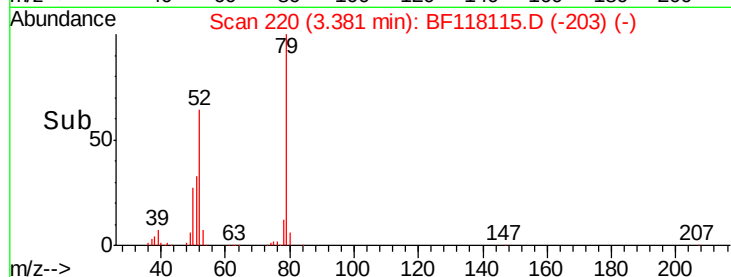
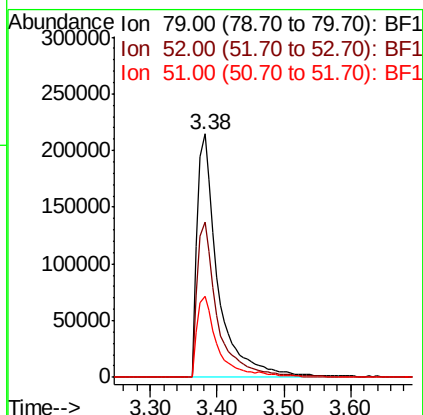
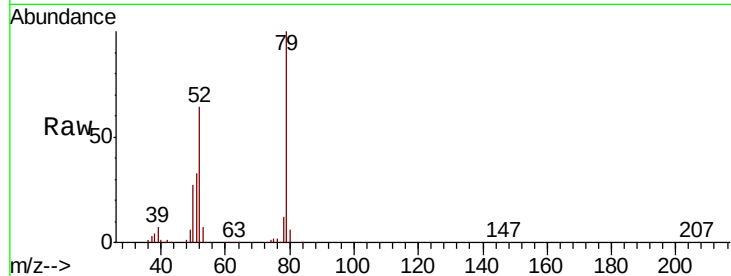


#3
 Pvridine
 Concen: 44.773 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 452209

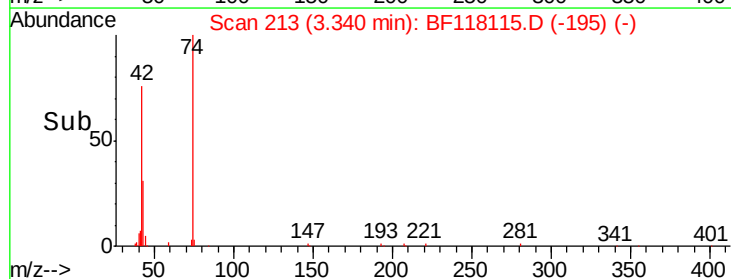
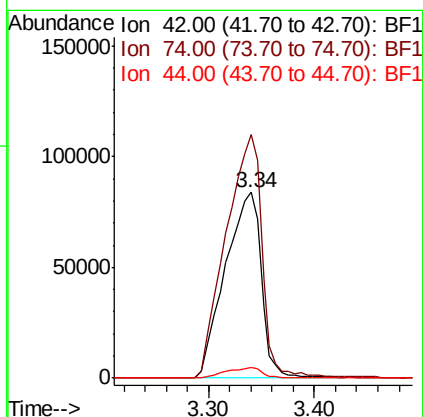
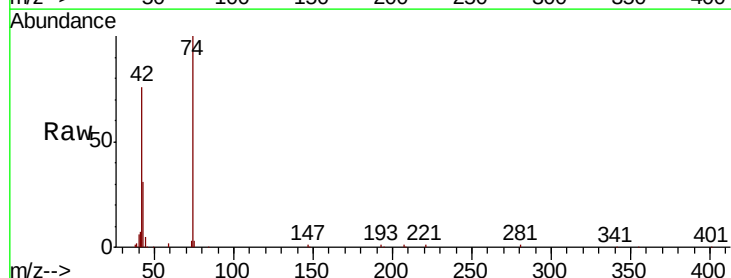
Ion	Ratio	Lower	Upper
79	100		
52	63.6	50.7	76.1
51	33.3	26.4	39.6

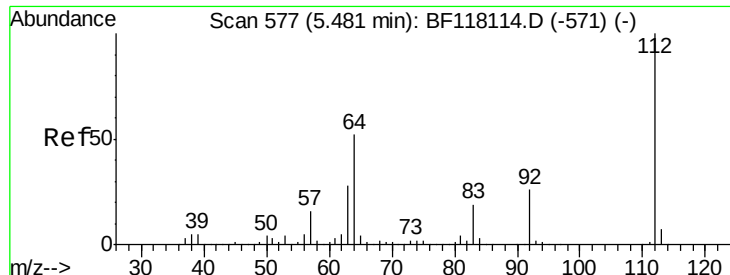


#4
 n-Nitrosodimethylamine
 Concen: 45.010 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion: 42 Resp: 198446

Ion	Ratio	Lower	Upper
42	100		
74	131.0	104.6	157.0
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 100.583 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

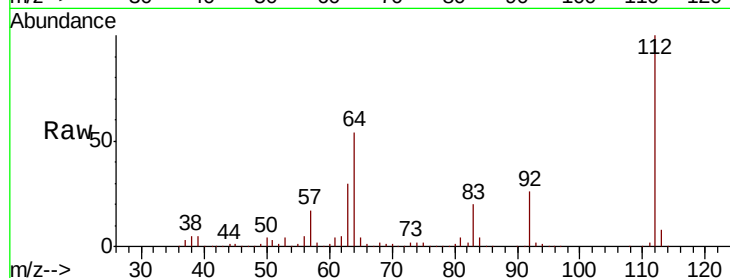
Tot Ion:112 Resp: 828521

Ion Ratio Lower Upper

112 100

64 53.6 41.3 61.9

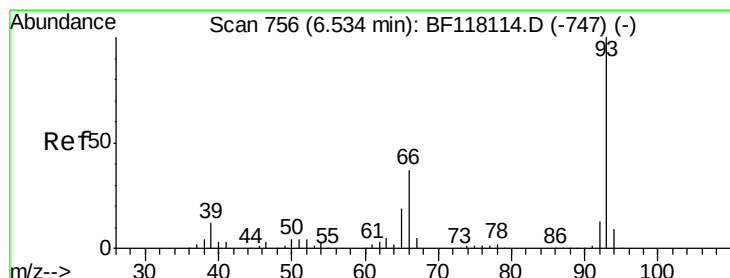
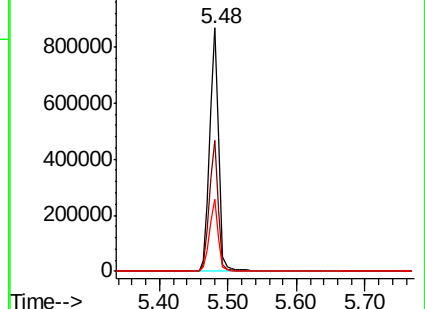
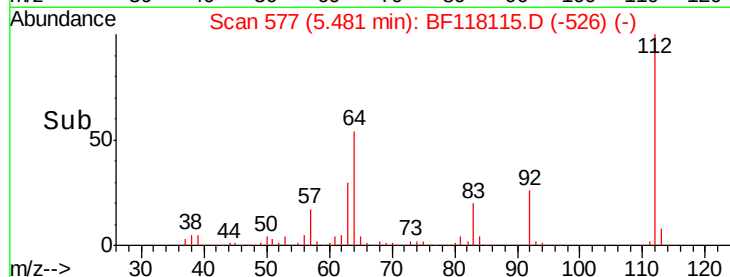
63 29.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 49.082 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

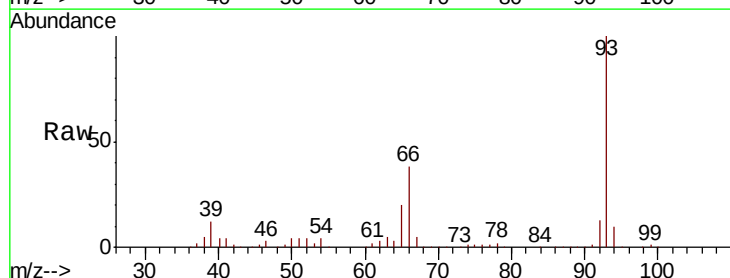
Tgt Ion: 93 Resp: 644410

Ion Ratio Lower Upper

93 100

66 38.4 30.2 45.2

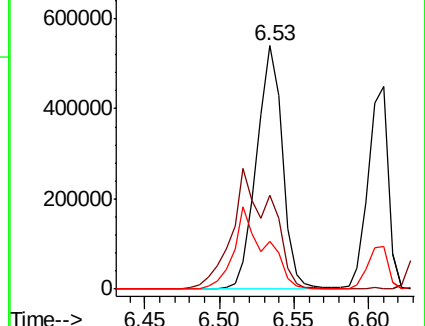
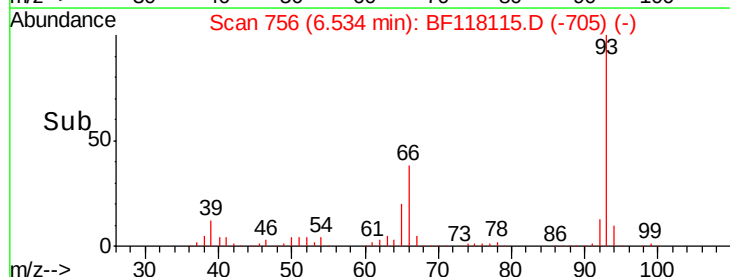
65 19.6 15.5 23.3

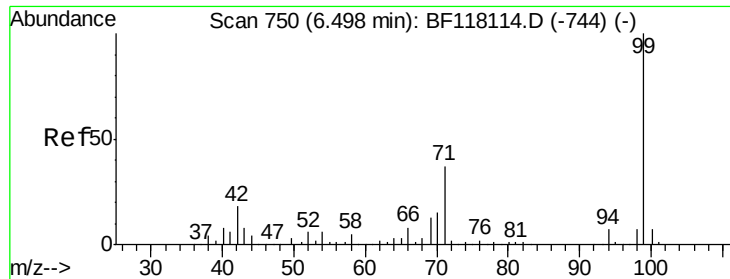


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.719 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

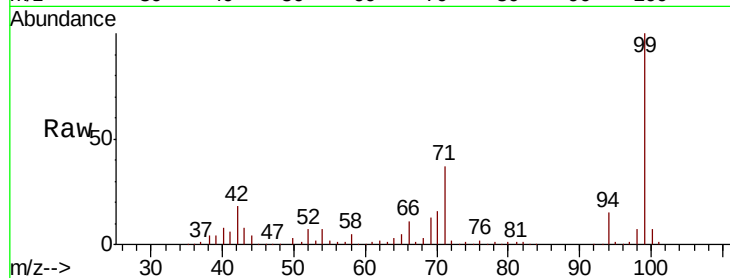
Tot Ion: 99 Resp: 1000681

Ion Ratio Lower Upper

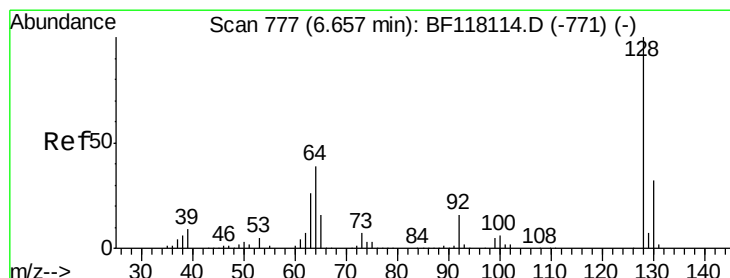
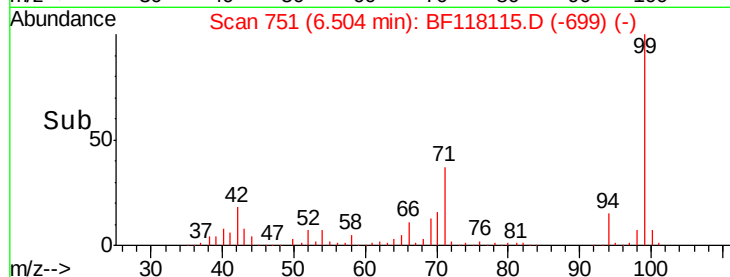
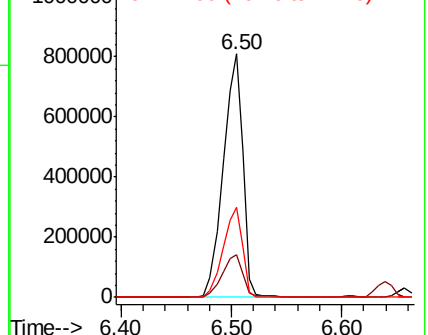
99 100

42 17.6 14.1 21.1

71 36.8 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: 52.151 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

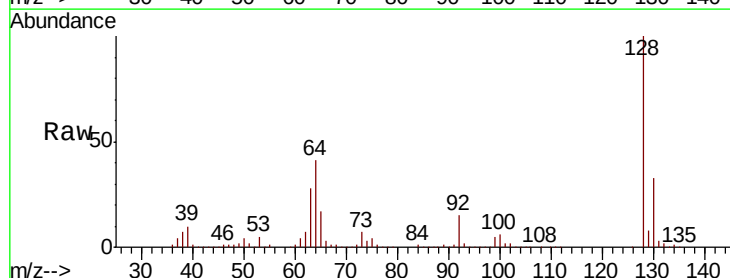
Tgt Ion: 128 Resp: 466134

Ion Ratio Lower Upper

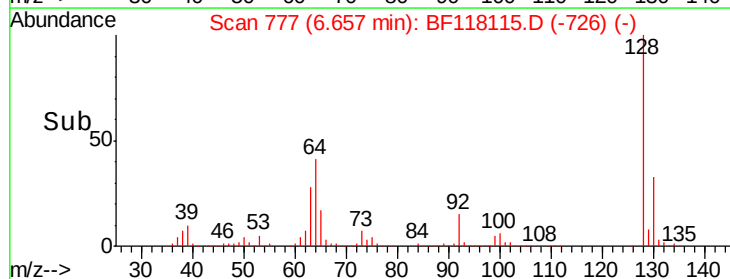
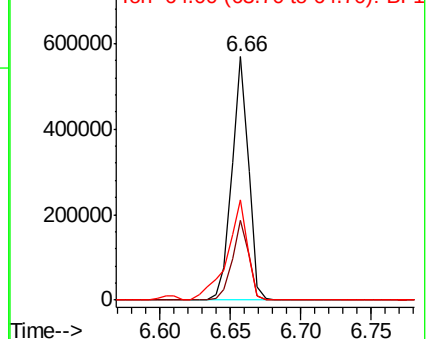
128 100

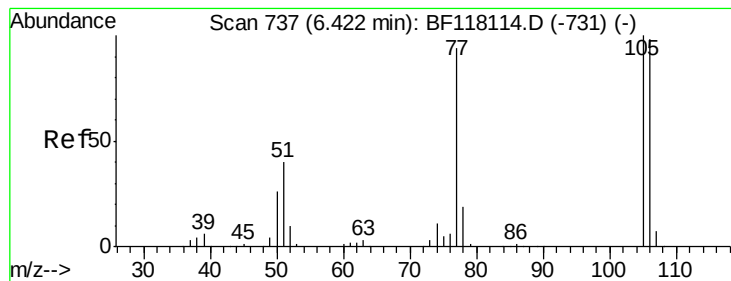
130 32.9 12.1 52.1

64 41.3 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: 39.309 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

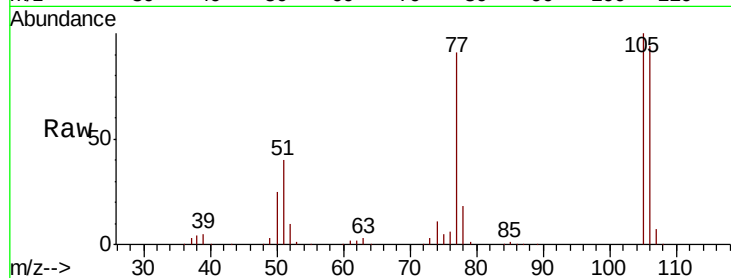
Tot Ion: 77 Resp: 243960

Ion Ratio Lower Upper

77 100

105 110.5 86.4 126.4

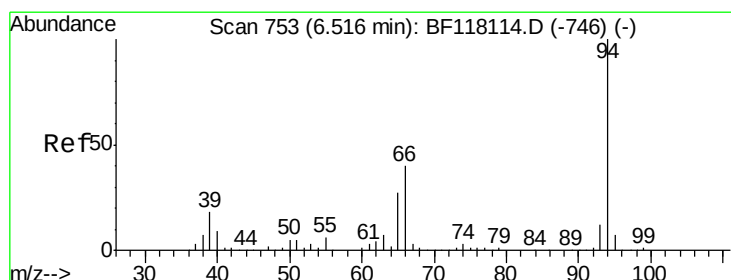
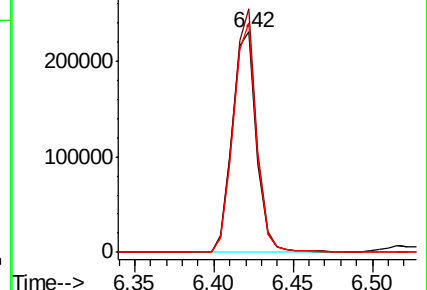
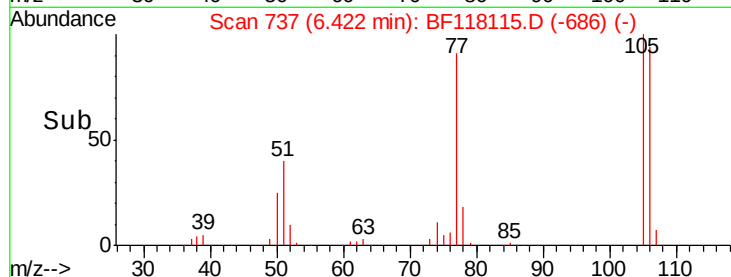
106 104.0 83.8 123.8



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: 55.100 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

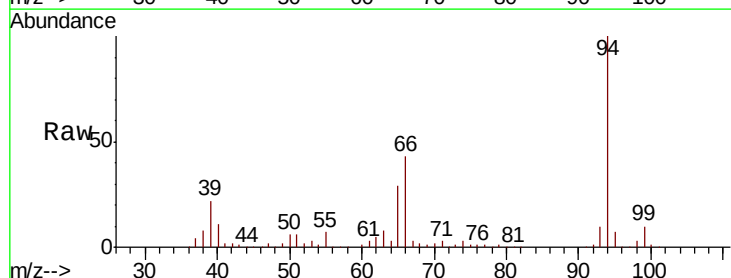
Tgt Ion: 94 Resp: 568866

Ion Ratio Lower Upper

94 100

65 29.4 7.3 47.3

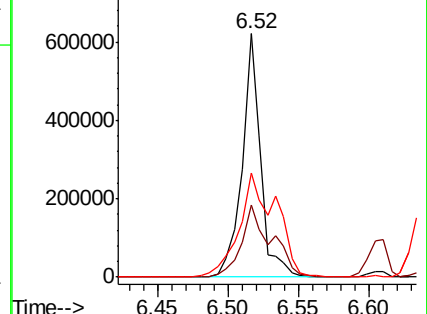
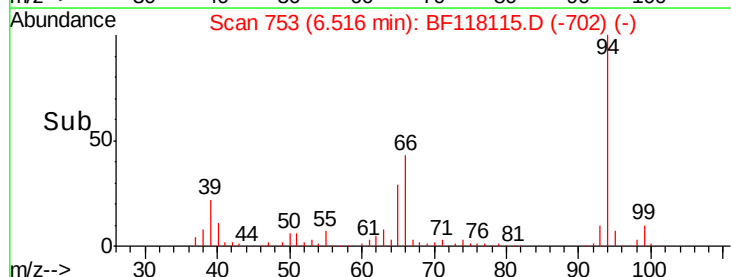
66 43.0 20.2 60.2

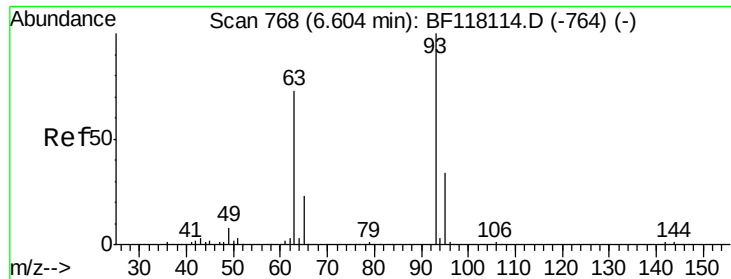


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

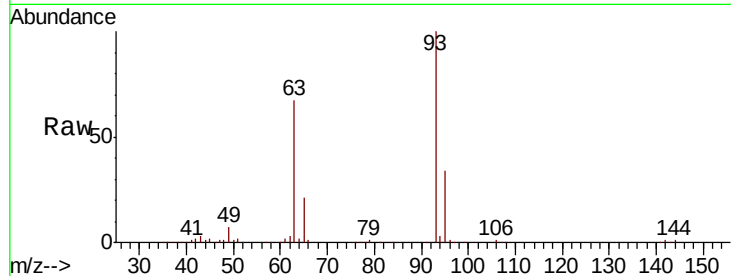




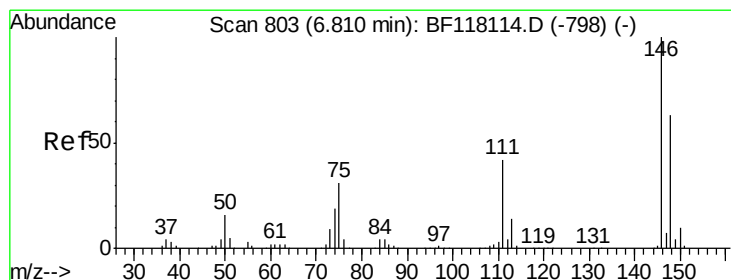
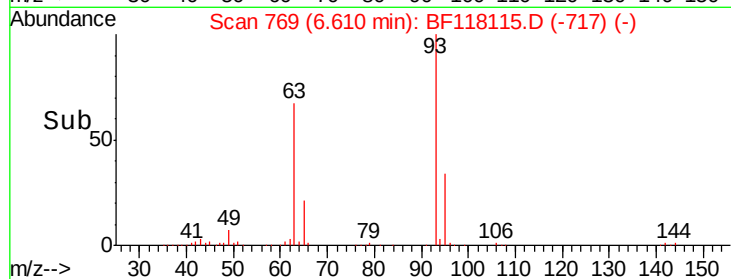
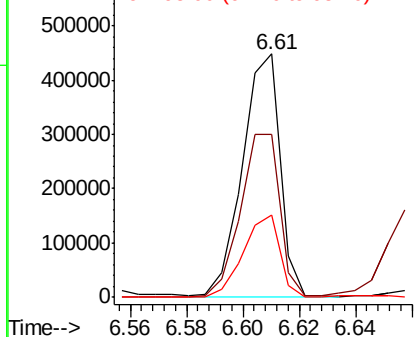
#11
bis(2-Chloroethyl)ether
Concen: 50.031 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 414802
Ion Ratio Lower Upper
93 100
63 67.0 53.2 93.2
95 33.6 13.8 53.8

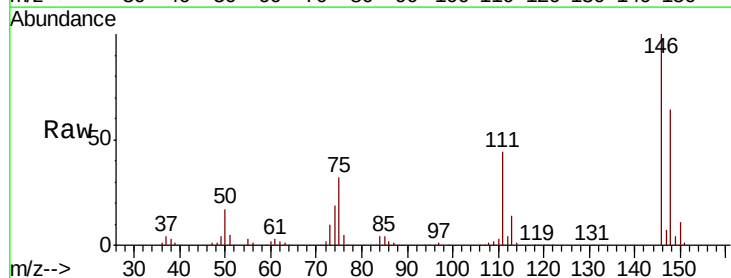


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

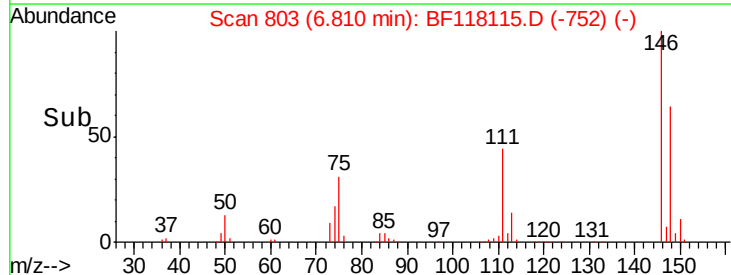
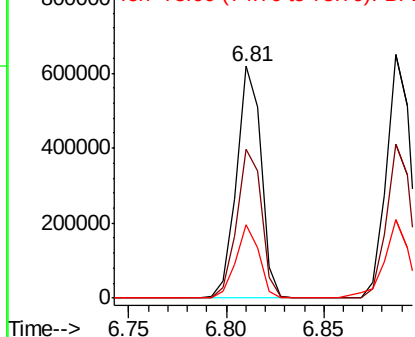


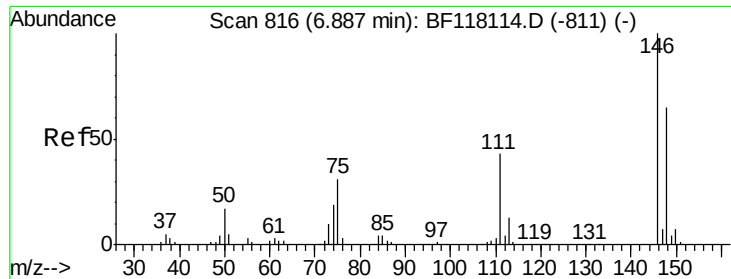
#12
1,3-Dichlorobenzene
Concen: 51.542 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion: 146 Resp: 542373
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 31.8 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

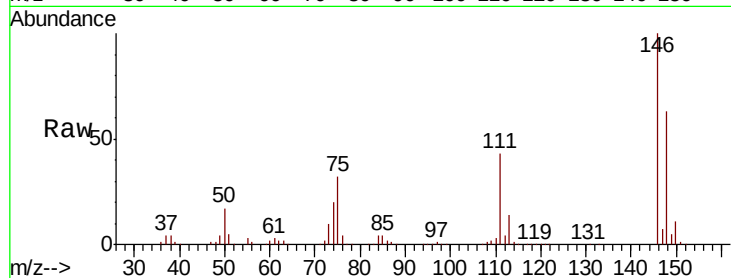




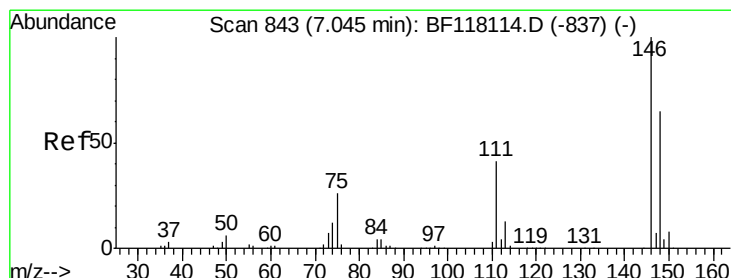
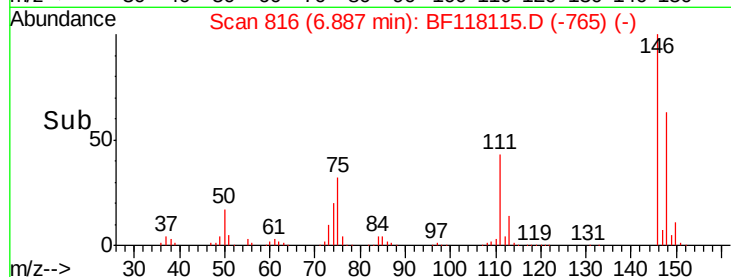
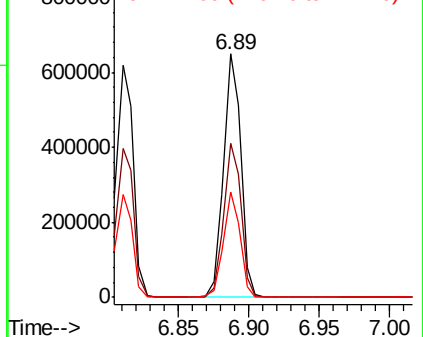
#13
 1,4-Dichlorobenzene
 Concen: 52.184 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 555055
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.1 78.1
 111 43.1 34.6 52.0

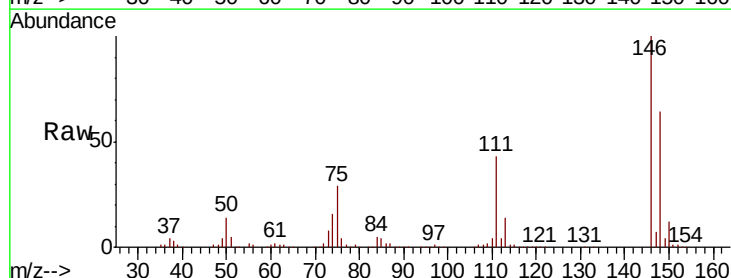


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

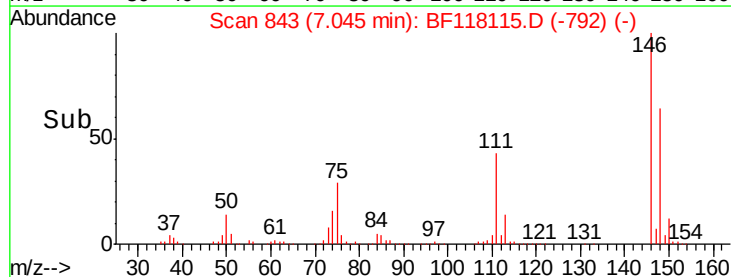
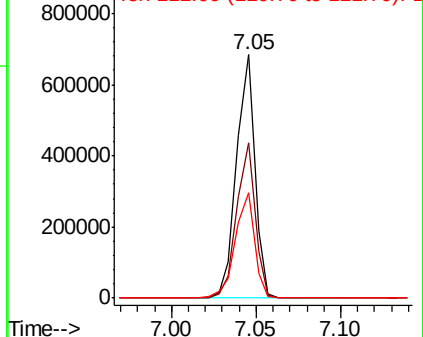


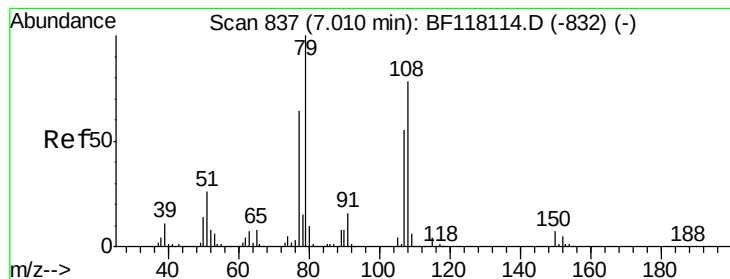
#14
 1,2-Dichlorobenzene
 Concen: 50.901 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion:146 Resp: 517792
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 43.2 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: 50.852 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

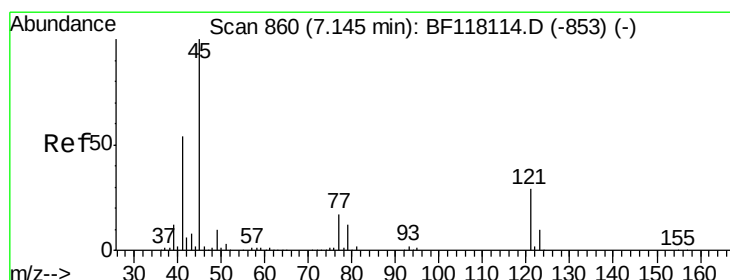
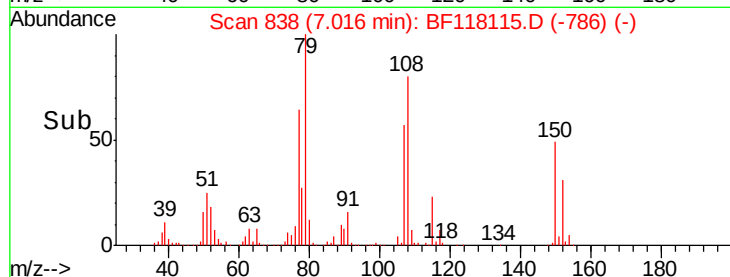
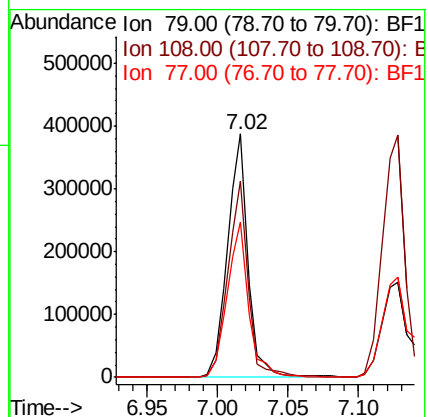
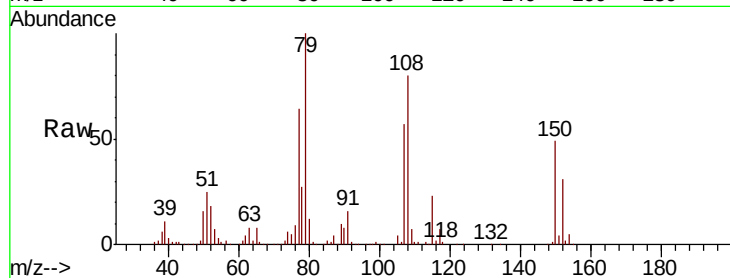
Tot Ion: 79 Resp: 390063

Ion Ratio Lower Upper

79 100

108 80.4 62.7 94.1

77 63.6 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.136 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

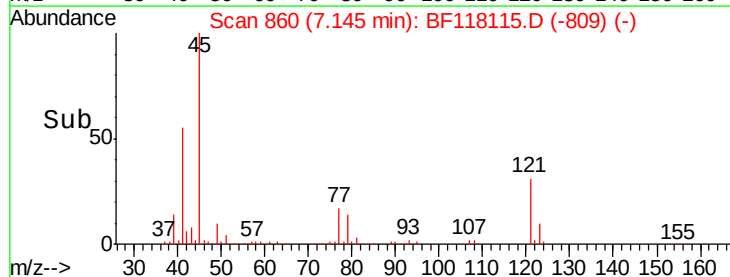
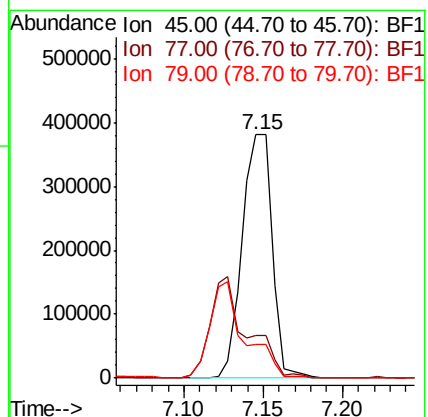
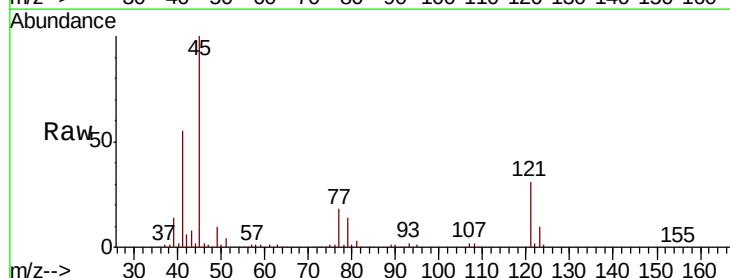
Tgt Ion: 45 Resp: 499564

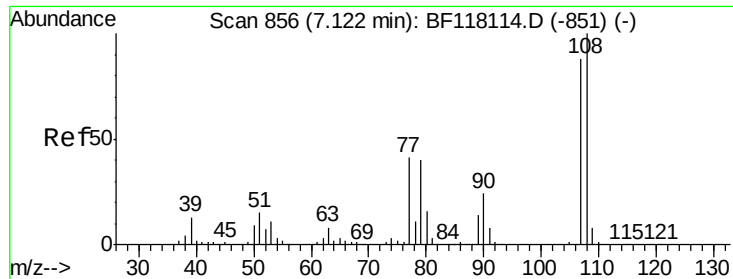
Ion Ratio Lower Upper

45 100

77 17.5 0.0 38.0

79 13.7 0.0 33.2

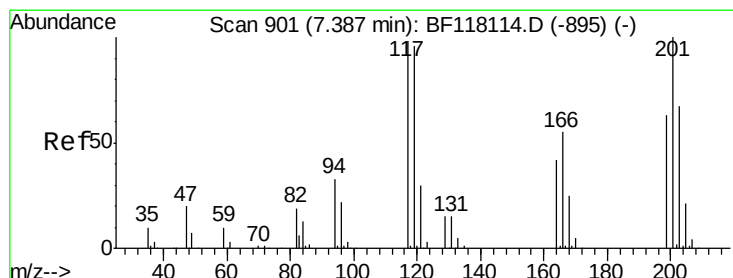
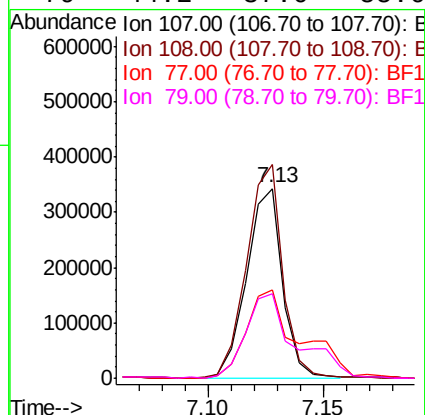
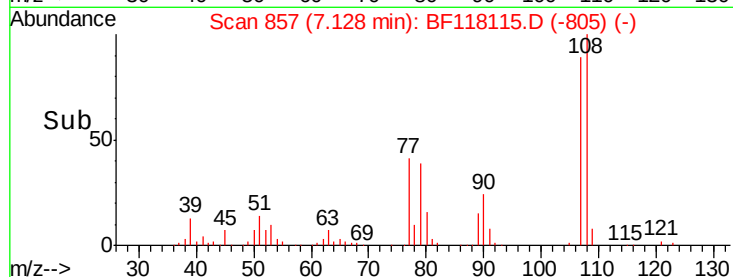
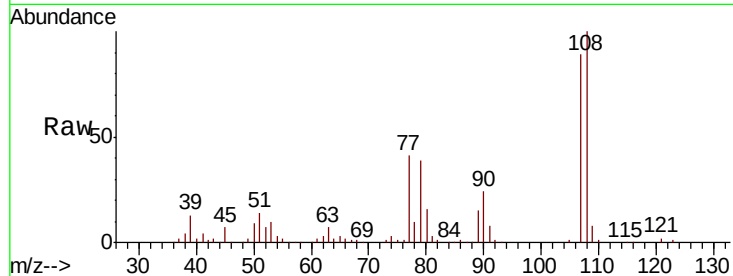




#17
2-Methylphenol
Concen: 49.133 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

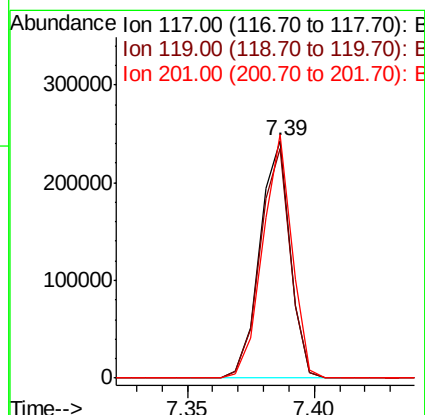
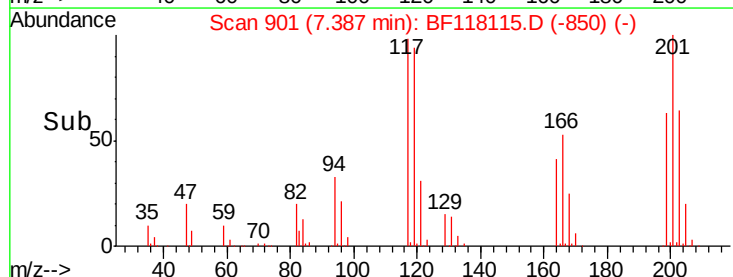
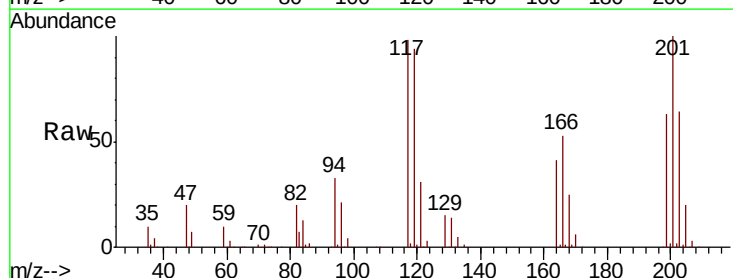
Instrument :
BNA_F
ClientSampled :

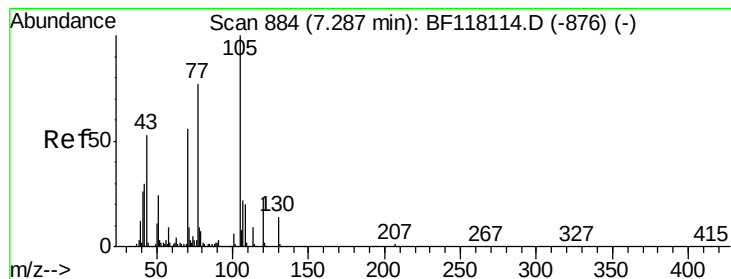
Tot Ion:107 Resp: 371898
Ion Ratio Lower Upper
107 100
108 112.5 91.1 136.7
77 46.5 37.8 56.6
79 44.2 37.0 55.6



#18
Hexachloroethane
Concen: 52.069 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:117 Resp: 203452
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.4
201 102.4 81.6 122.4





#19

n-Nitroso-di-n-propylamine

Concen: 49.449 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 303088

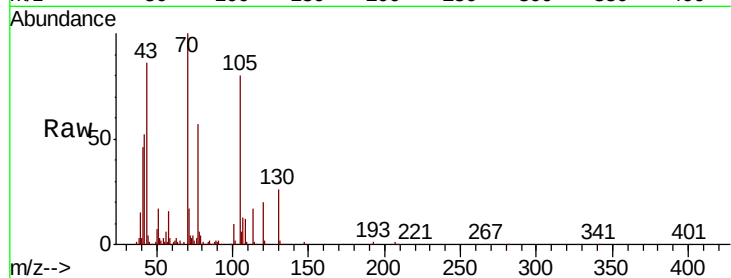
Ion Ratio Lower Upper

70 100

42 51.5 43.2 64.8

101 10.4 8.1 12.1

130 26.0 19.8 29.8

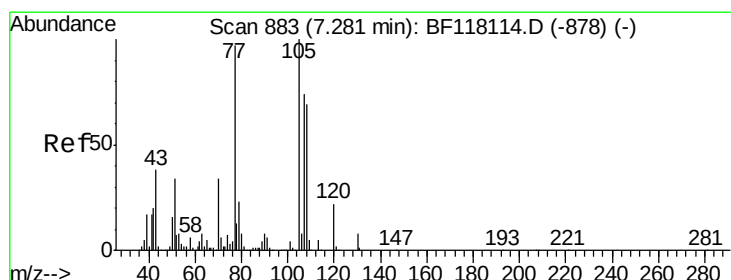
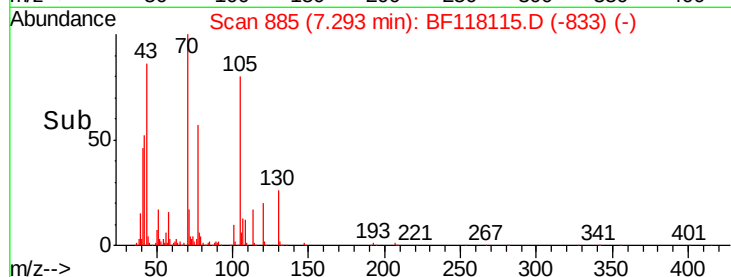
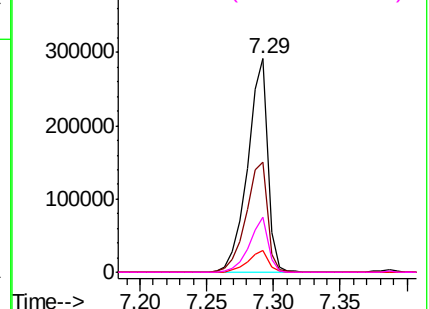


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.040 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Tgt Ion:107 Resp: 460773

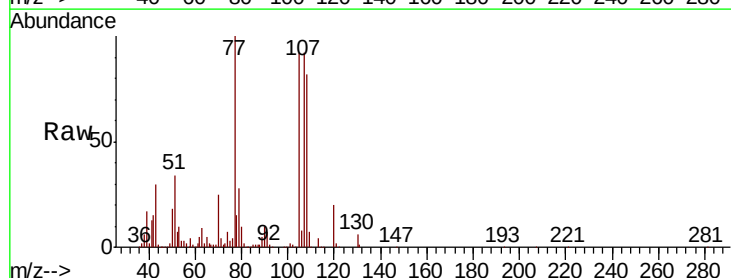
Ion Ratio Lower Upper

107 100

108 89.8 73.2 113.2

77 109.1 110.9 150.9#

79 30.8 11.5 51.5

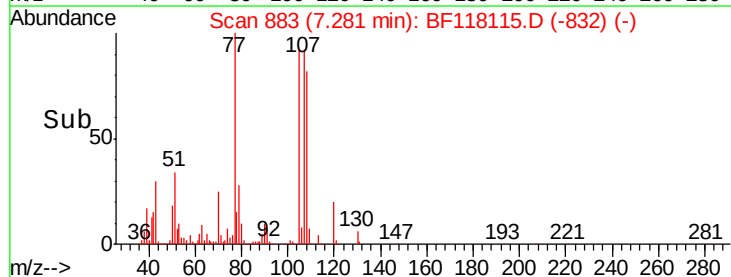
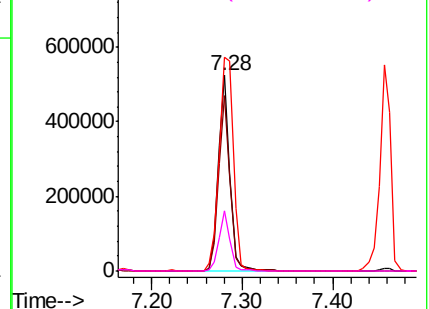


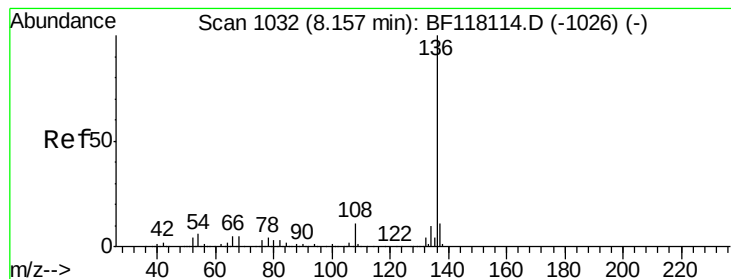
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 543237

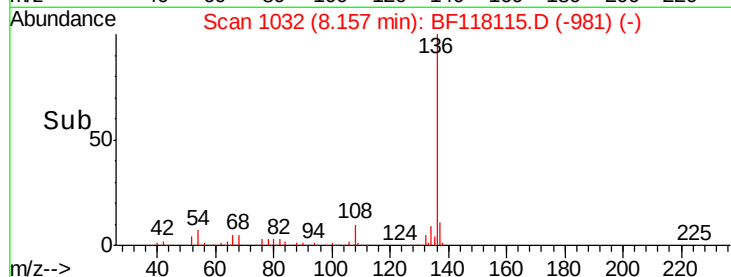
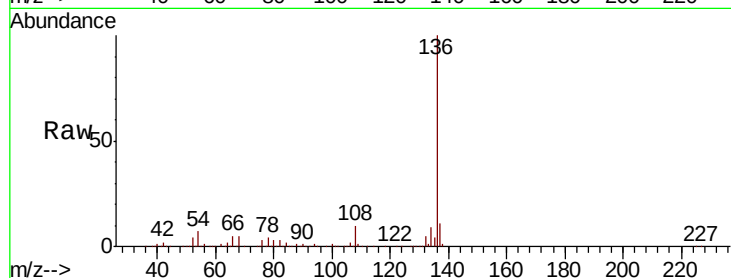
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.6 5.0 7.6

68 4.8 3.8 5.8

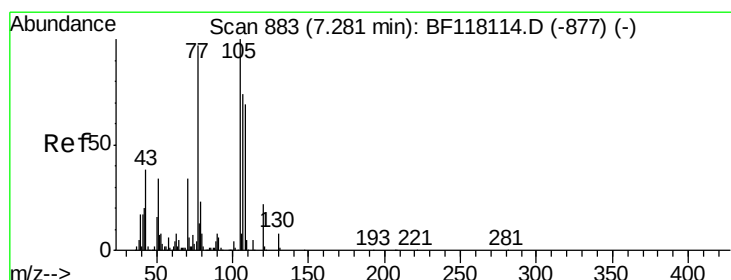
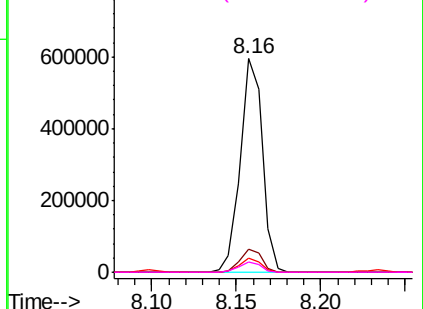


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.009 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Tgt Ion:105 Resp: 646975

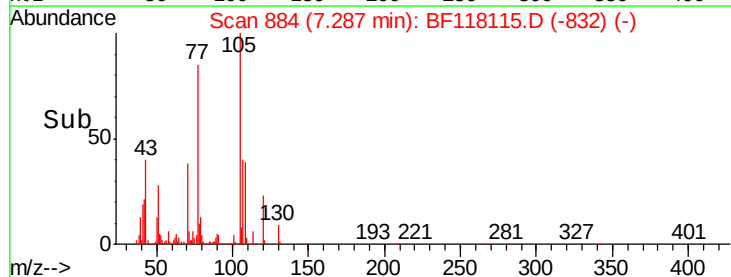
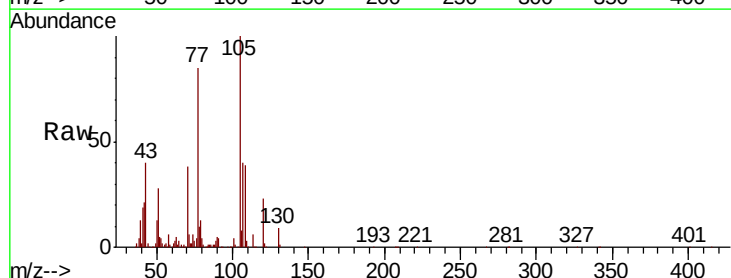
Ion Ratio Lower Upper

105 100

71 6.3 4.7 7.1

51 27.8 27.1 40.7

120 22.6 17.8 26.6

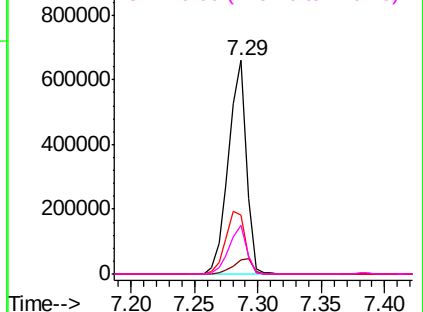


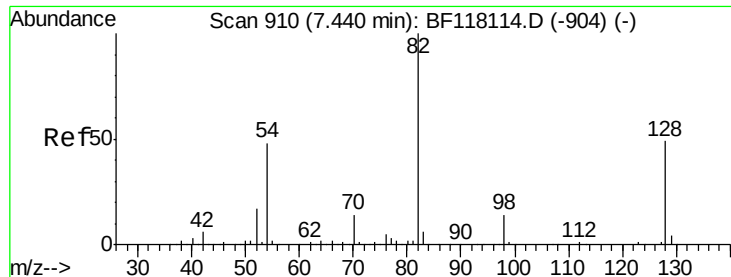
Abundance Ion 105.00 (104.70 to 105.70): E

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

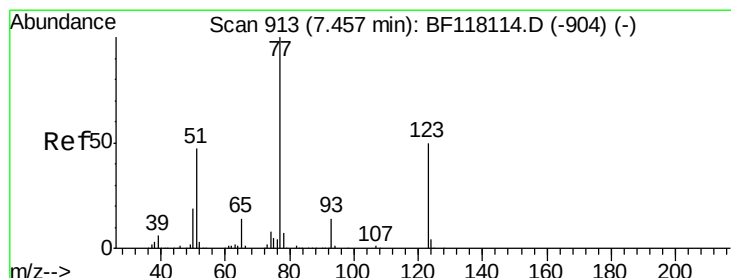
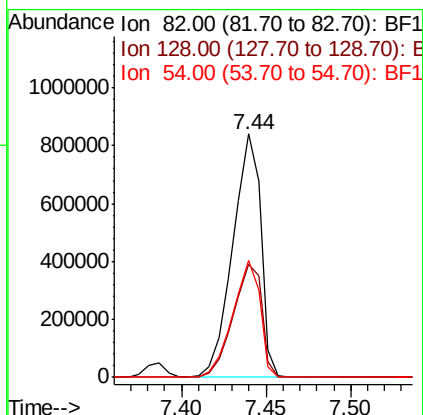
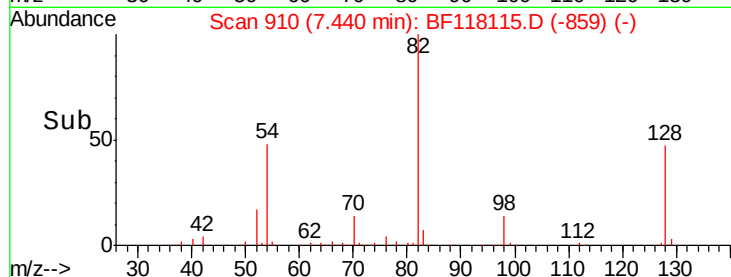
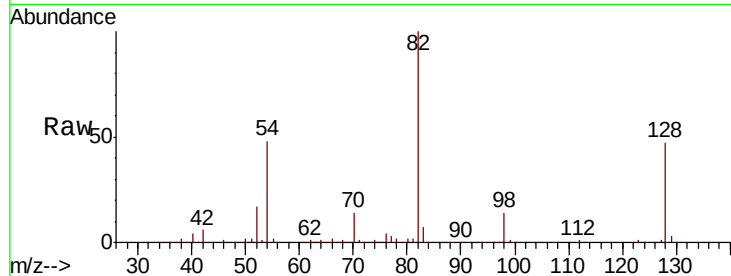




#23
 Nitrobenzene-d5
 Concen: 106.335 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

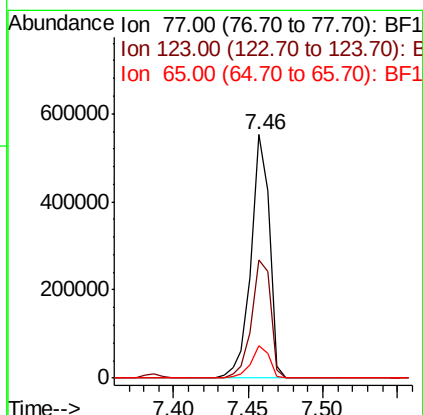
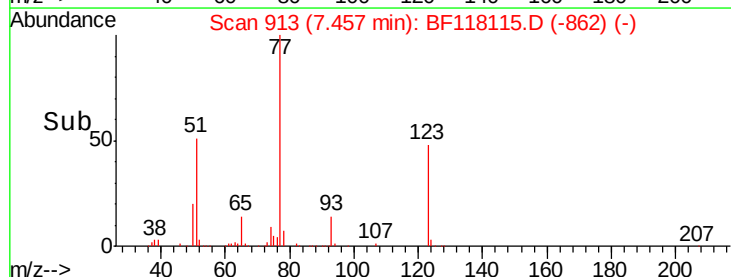
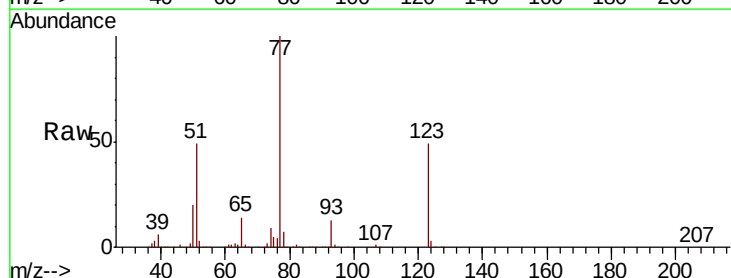
Instrument :
 BNA_F
 ClientSampleId :

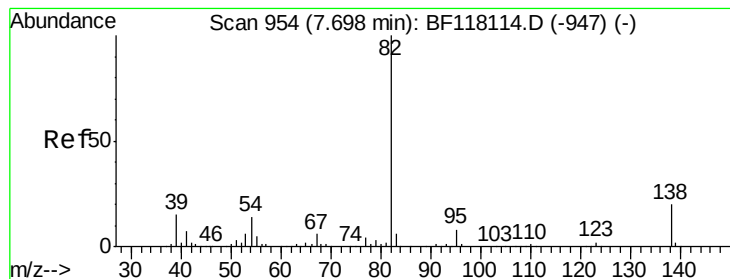
Tot Ion: 82 Resp: 971725
 Ion Ratio Lower Upper
 82 100
 128 46.5 39.1 58.7
 54 47.9 38.2 57.2



#24
 Nitrobenzene
 Concen: 49.956 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion: 77 Resp: 470958
 Ion Ratio Lower Upper
 77 100
 123 48.7 40.1 60.1
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 48.667 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

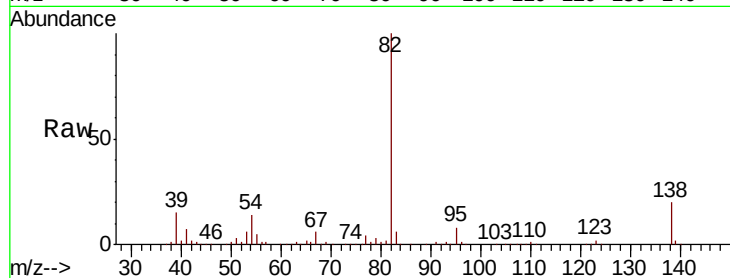
Tot Ion: 82 Resp: 815130

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

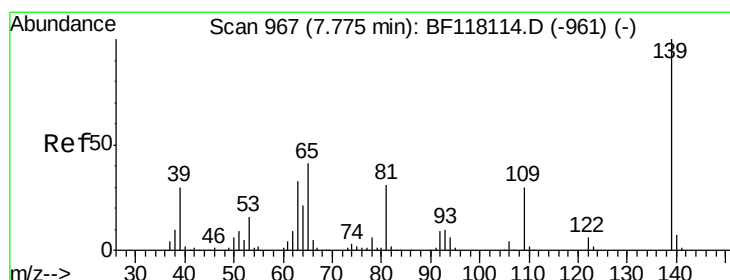
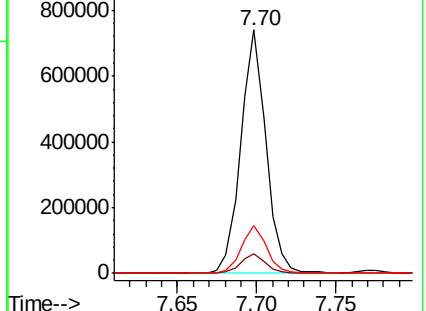
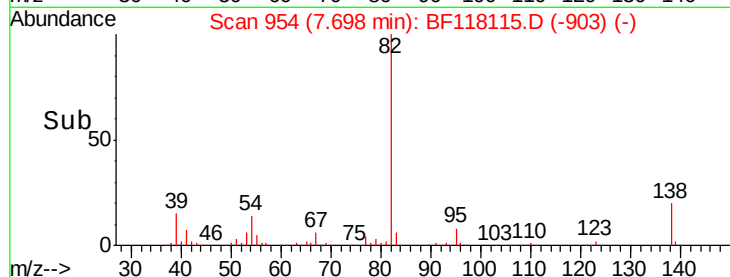
138 19.5 16.3 24.5



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: 56.702 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

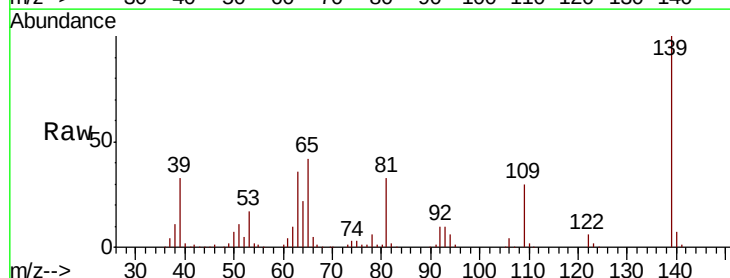
Tgt Ion: 139 Resp: 260184

Ion Ratio Lower Upper

139 100

109 29.6 23.9 35.9

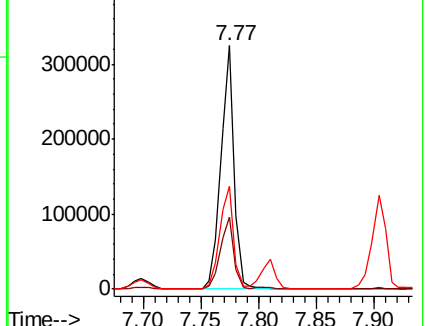
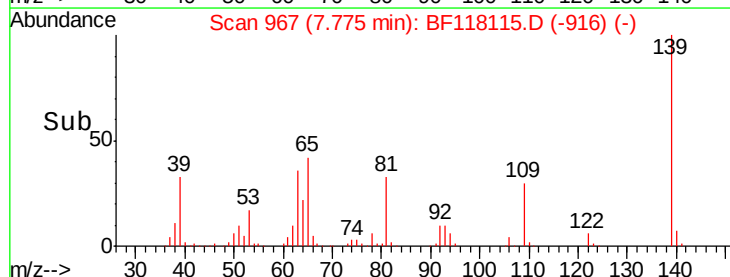
65 42.1 33.0 49.6

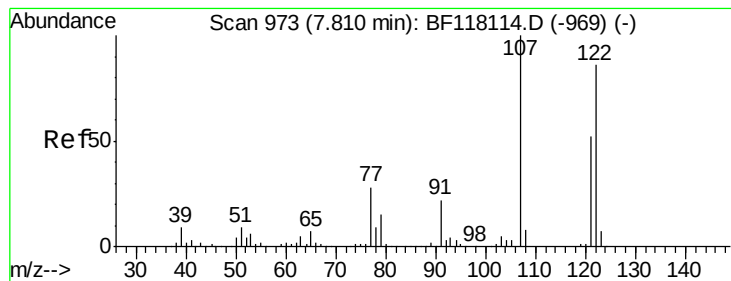


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

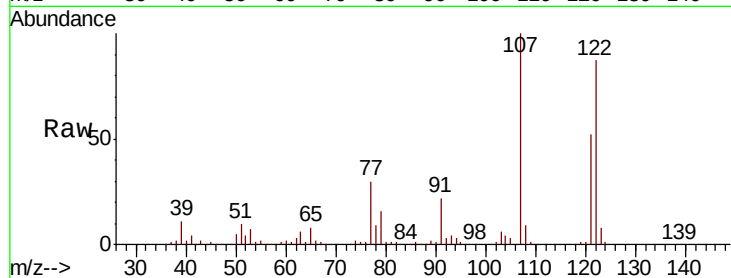




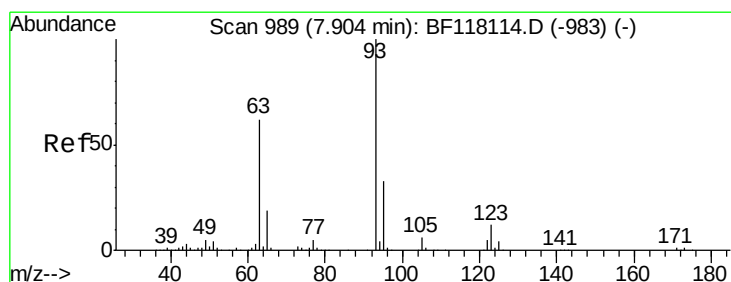
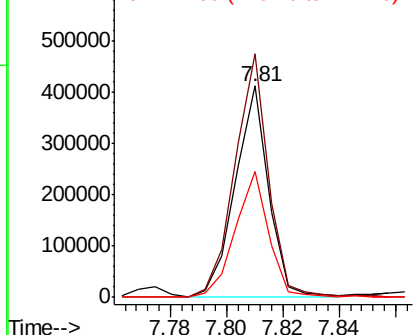
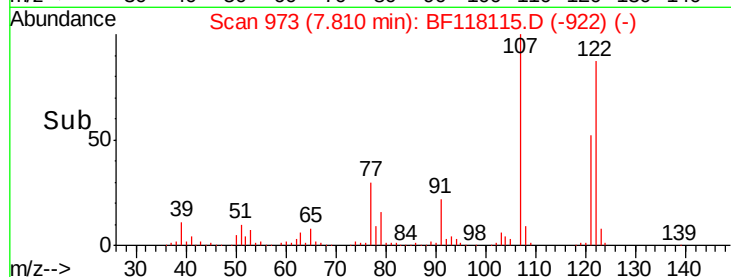
#27
2,4-Dimethylphenol
Concen: 47.773 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 340631
Ion Ratio Lower Upper
122 100
107 115.1 92.9 139.3
121 59.6 48.3 72.5

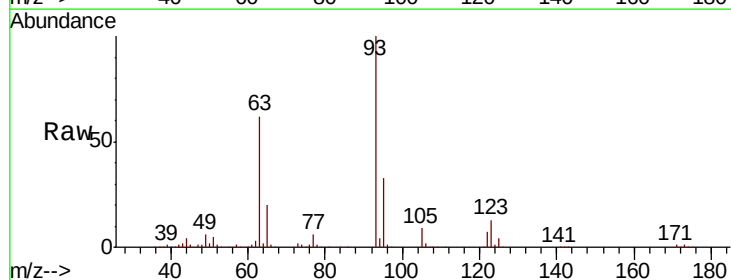


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

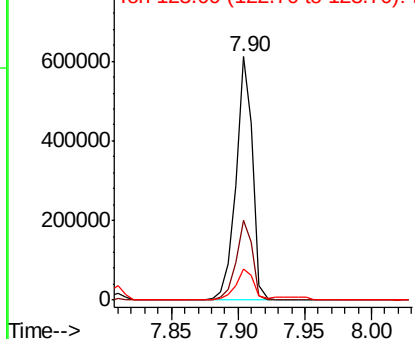
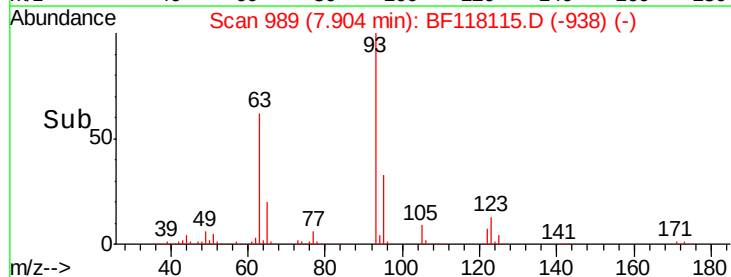


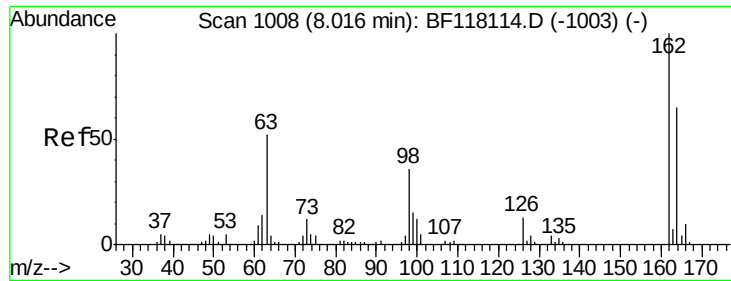
#28
bis(2-Chloroethoxy)methane
Concen: 50.115 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion: 93 Resp: 532655
Ion Ratio Lower Upper
93 100
95 32.9 26.7 40.1
123 12.5 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

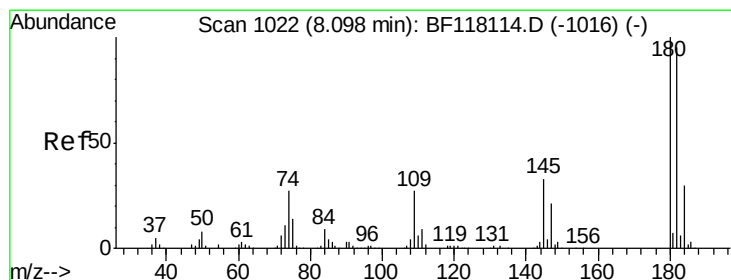
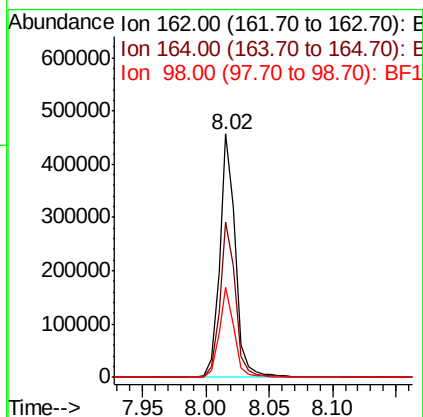
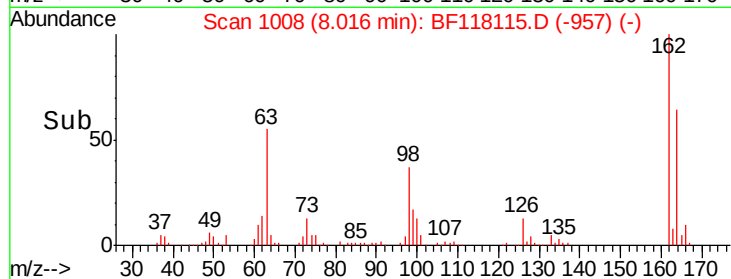
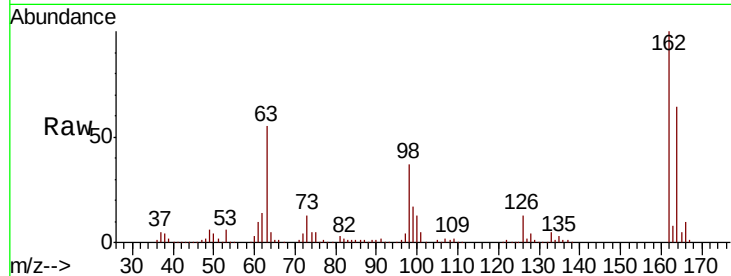




#29
 2,4-Dichlorophenol
 Concen: 51.357 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

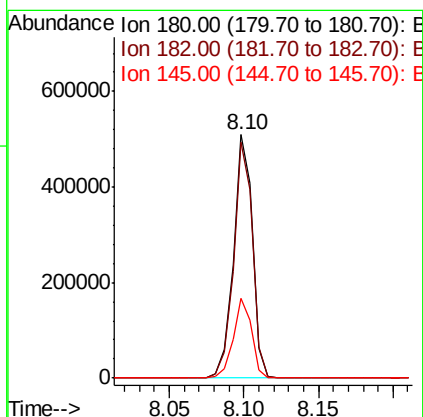
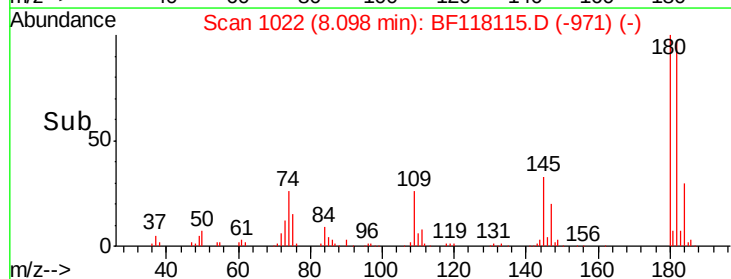
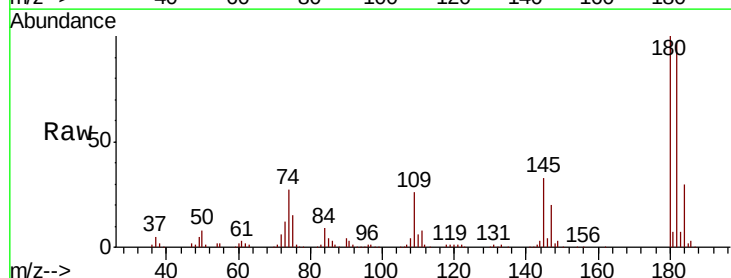
Instrument :
 BNA_F
 ClientSampled :

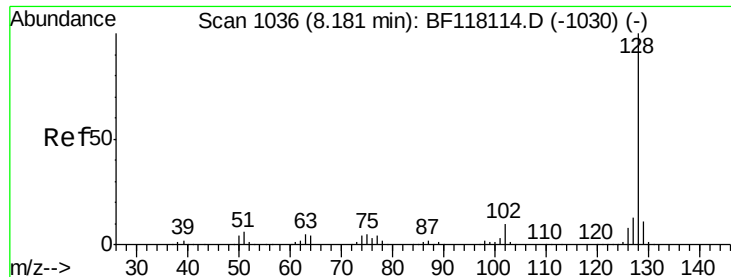
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.2	85.2
98	37.1	15.9	55.9



#30
 1,2,4-Trichlorobenzene
 Concen: 50.956 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.1	114.1
145	33.0	26.1	39.1

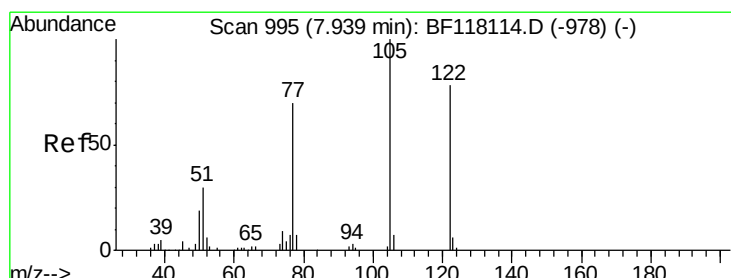
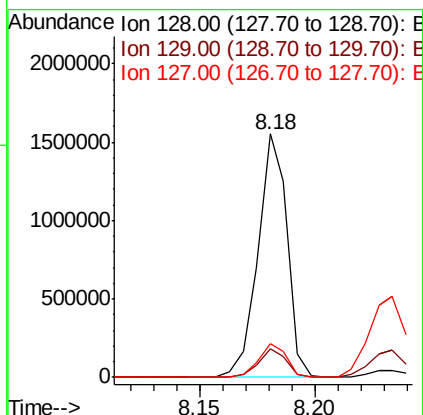
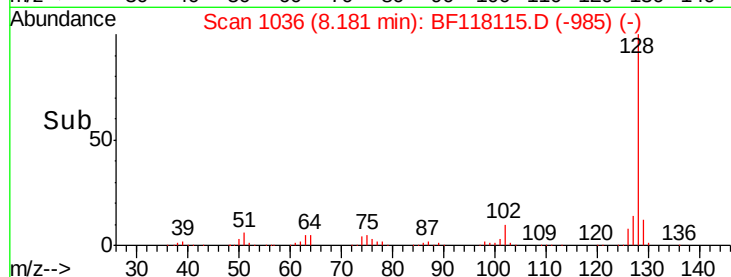
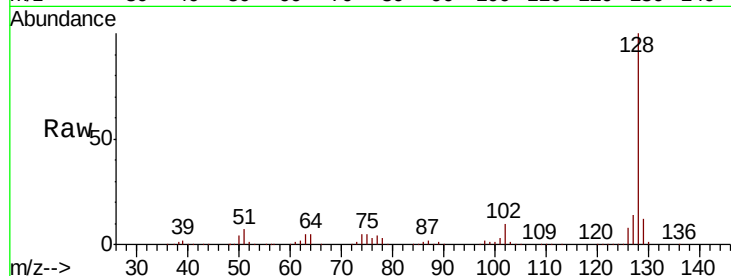




#31
Naphthalene
Concen: 53.878 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

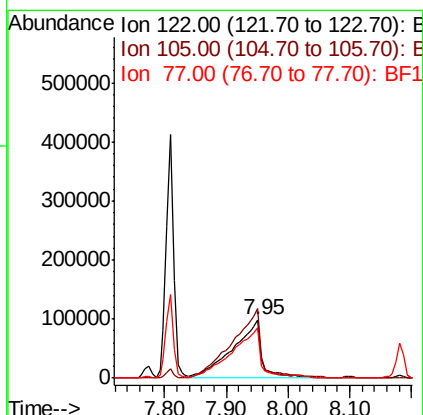
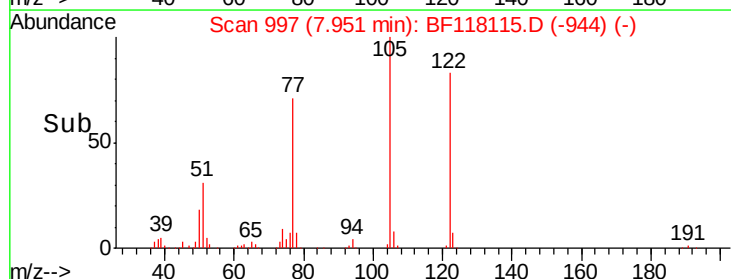
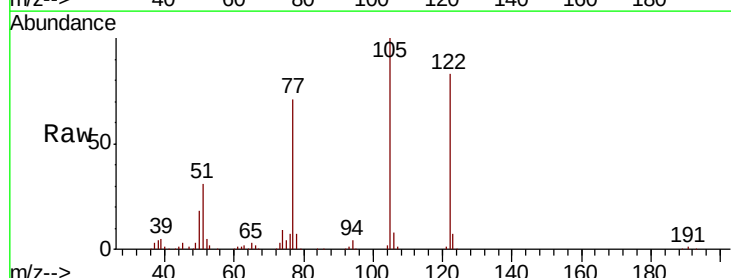
Instrument :
BNA_F
ClientSampleId :

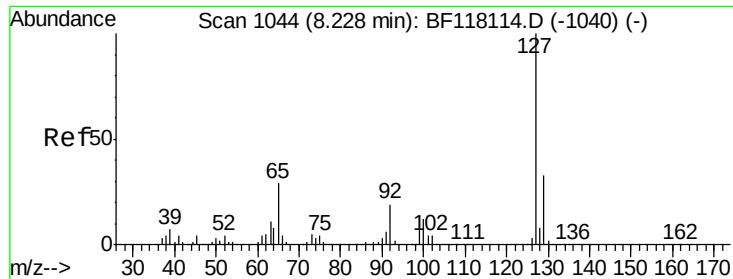
Tot Ion:128 Resp: 1364470
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 53.631 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:122 Resp: 320182
Ion Ratio Lower Upper
122 100
105 120.0 104.7 144.7
77 85.8 69.1 109.1

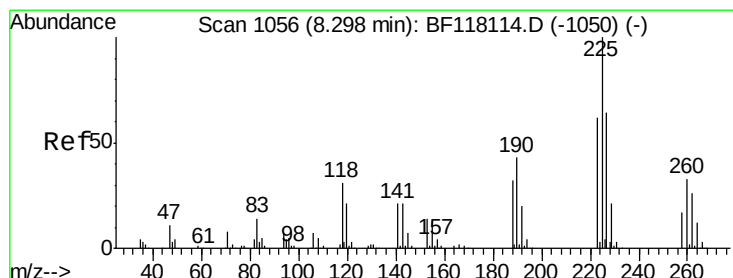
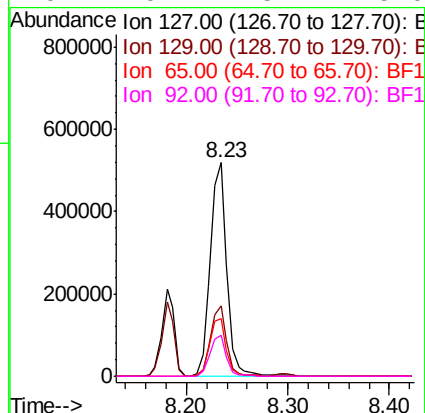
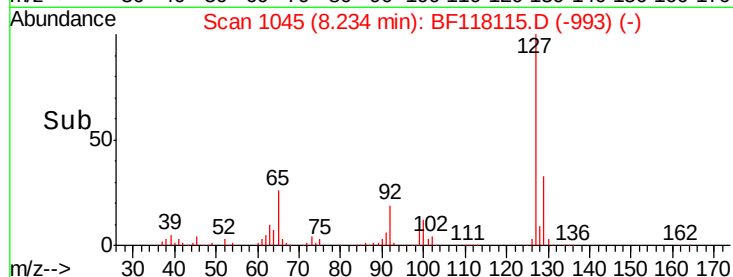
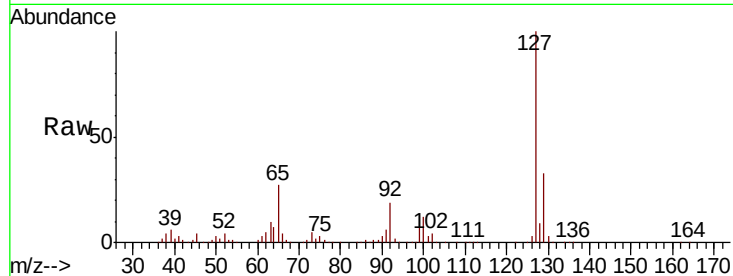




#33
4-Chloroaniline
Concen: 51.707 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

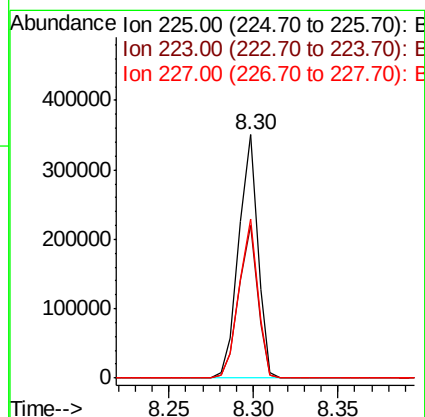
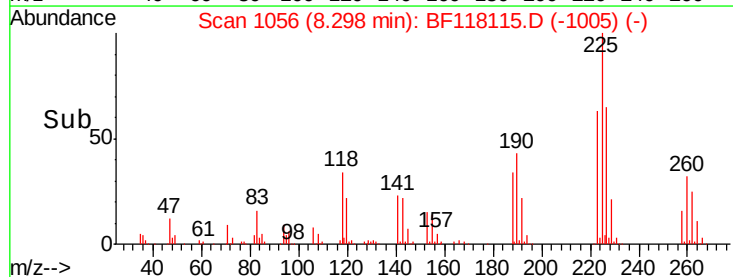
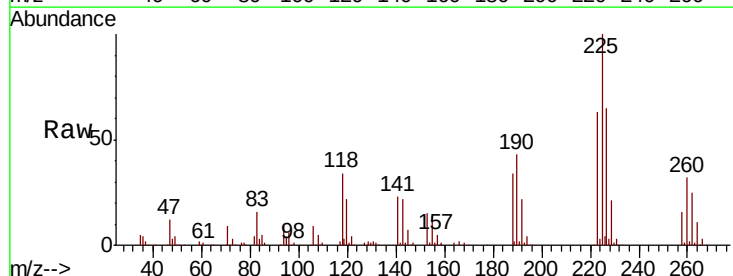
Instrument :
BNA_F
ClientSampleId :

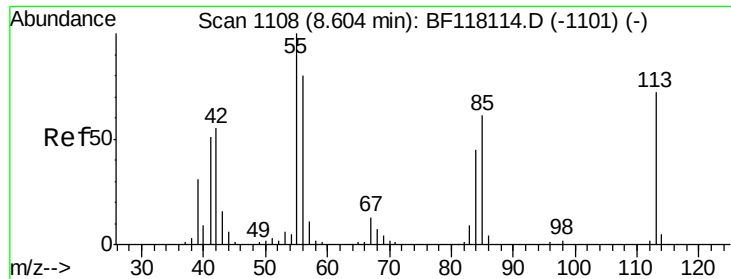
Tot Ion:	127	Resp:	586238
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	27.1	23.2	34.8
92	19.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 52.501 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:	225	Resp:	275374
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.6	74.4
227	65.2	51.0	76.6

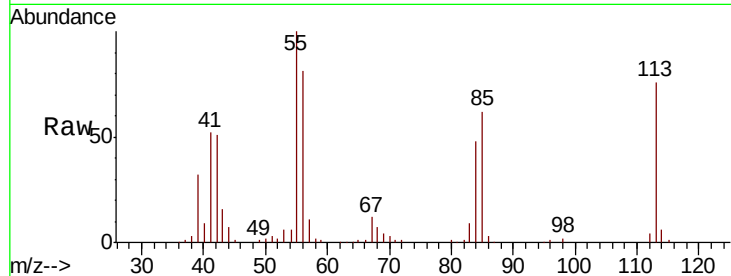




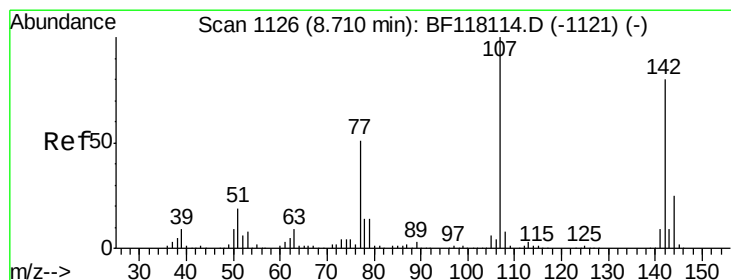
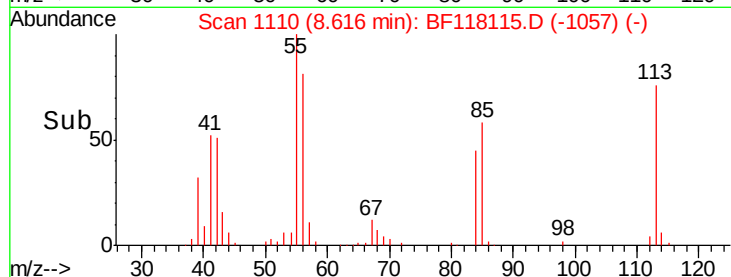
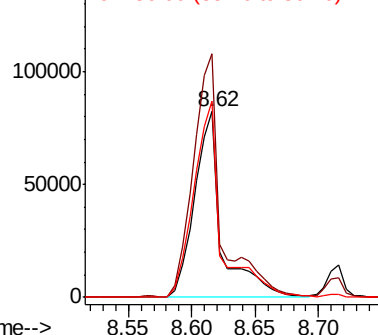
#35
 Caprolactam
 Concen: 49.927 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 122722
 Ion Ratio Lower Upper
 113 100
 55 131.2 118.9 158.9
 56 106.0 91.4 131.4

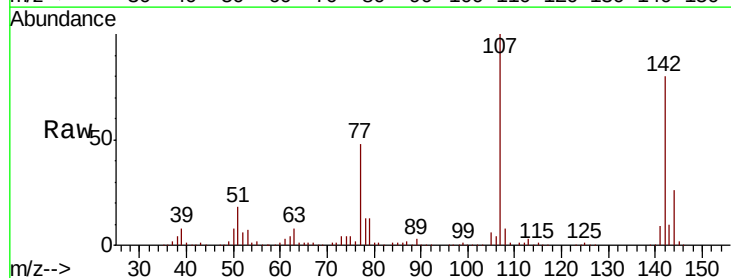


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

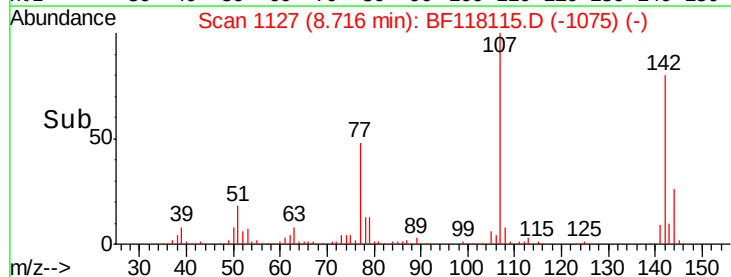
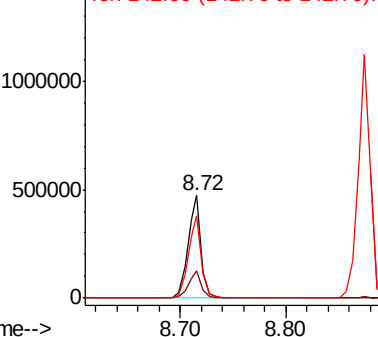


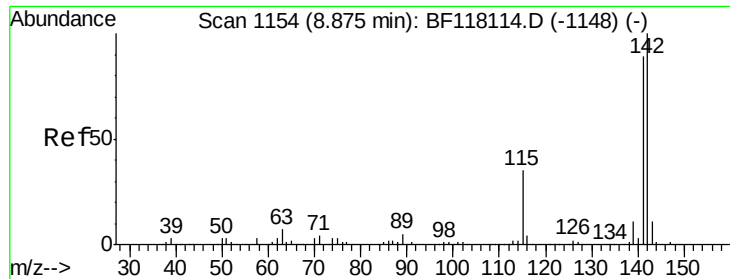
#36
 4-Chloro-3-methylphenol
 Concen: 52.543 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion:107 Resp: 412419
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.3 30.5
 142 80.3 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

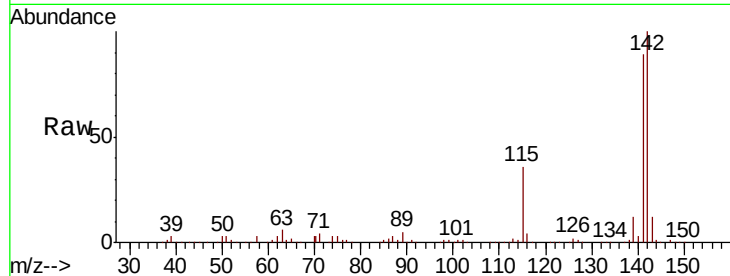




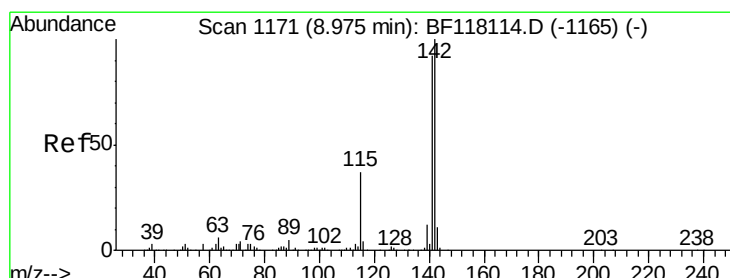
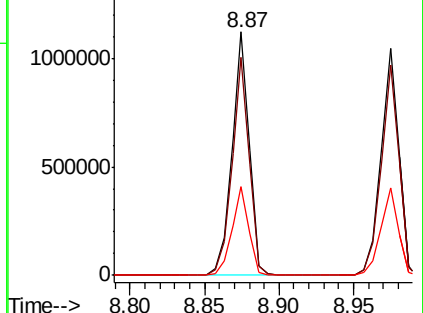
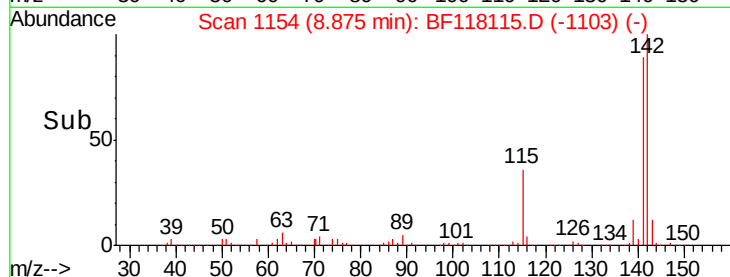
#37
2-Methylnaphthalene
Concen: 53.461 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	36.4	28.2	42.4

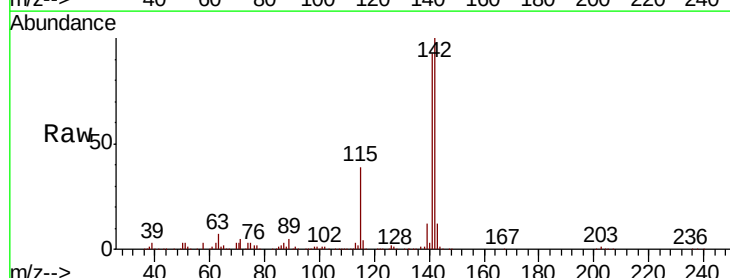


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

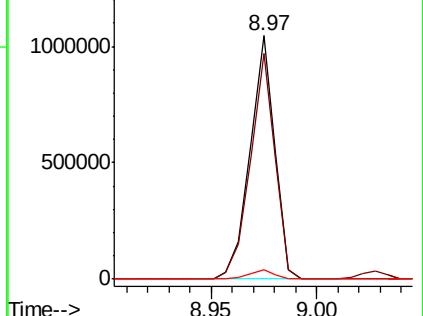
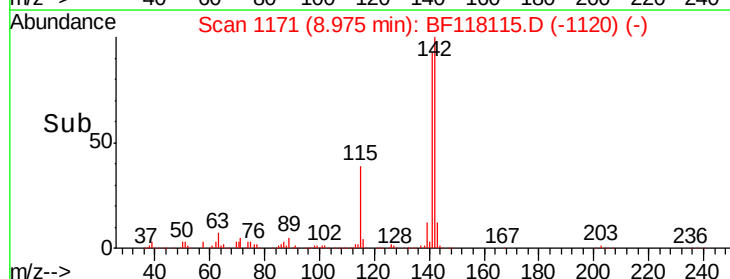


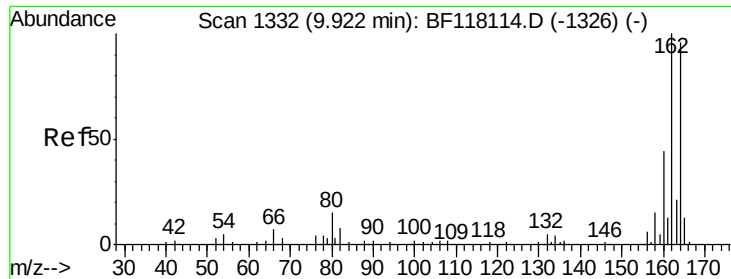
#38
1-Methylnaphthalene
Concen: 52.775 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.0	111.0
116	4.0	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

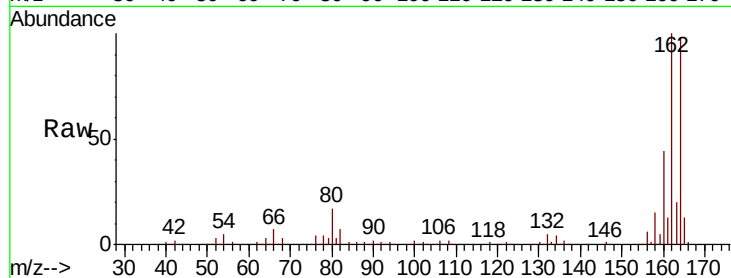
Tot Ion:164 Resp: 286317

Ion Ratio Lower Upper

164 100

162 102.3 83.4 125.0

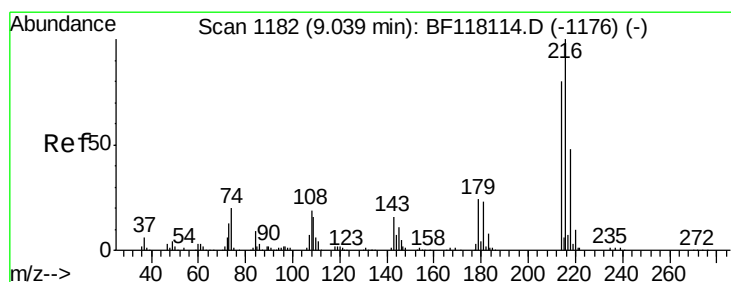
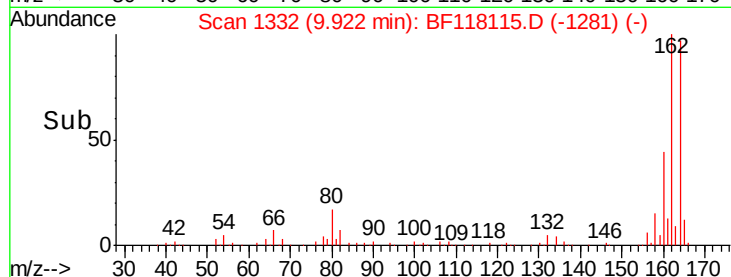
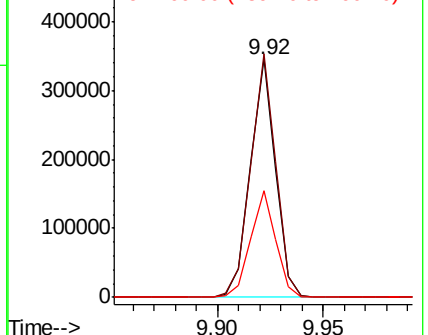
160 45.1 36.6 54.8



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: 52.264 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Tgt Ion:216 Resp: 434573

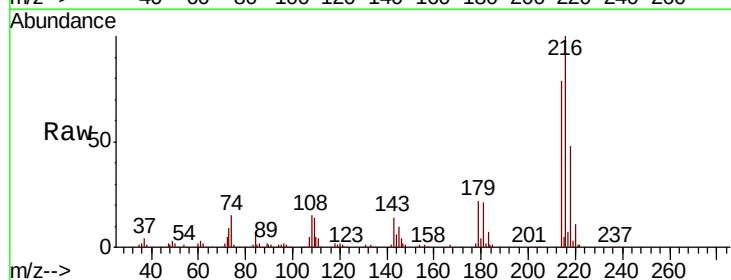
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 23.4 18.6 27.8

108 19.1 15.4 23.0

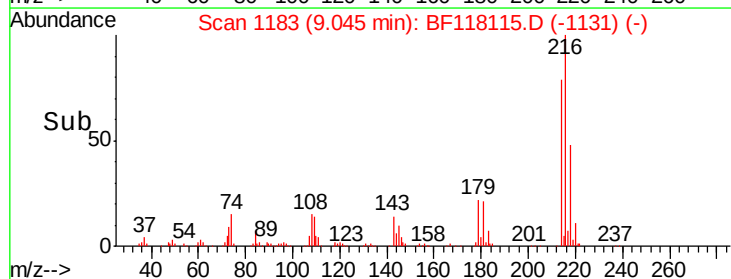
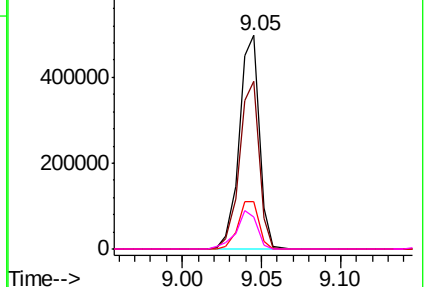


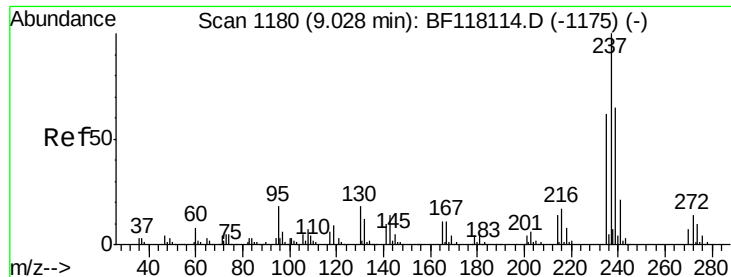
Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.759 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

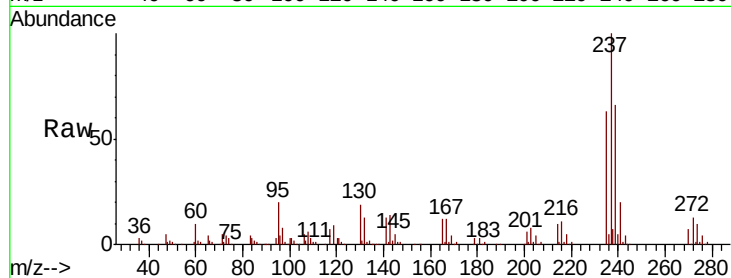
Tot Ion:237 Resp: 208564

Ion Ratio Lower Upper

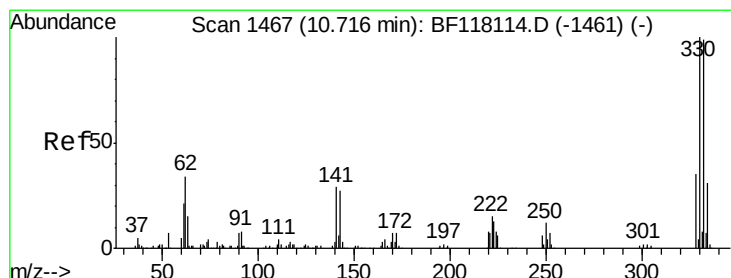
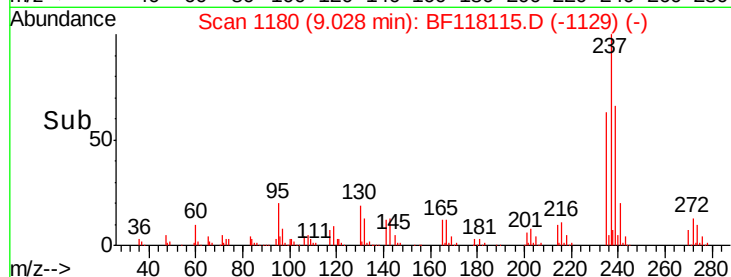
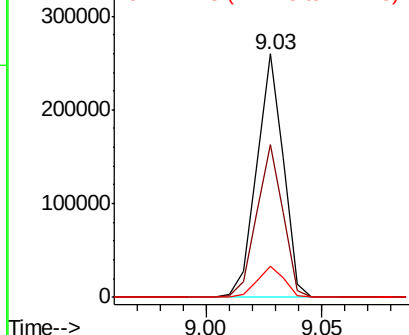
237 100

235 63.0 41.5 81.5

272 12.6 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: 113.729 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

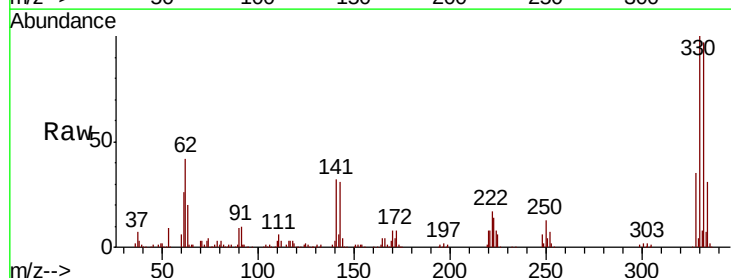
Tgt Ion:330 Resp: 344736

Ion Ratio Lower Upper

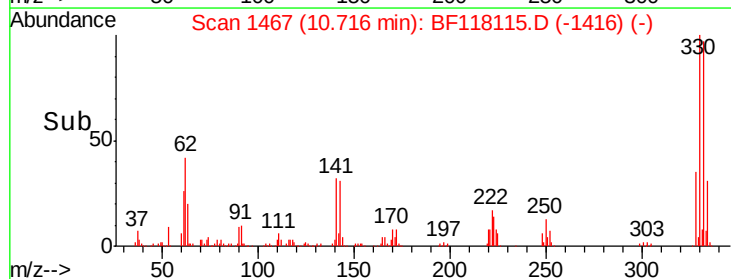
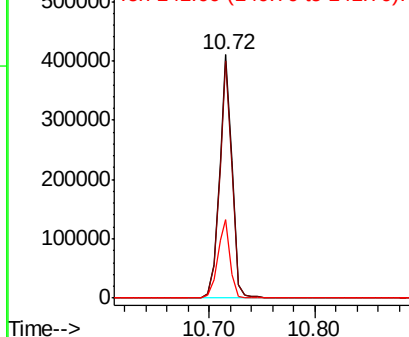
330 100

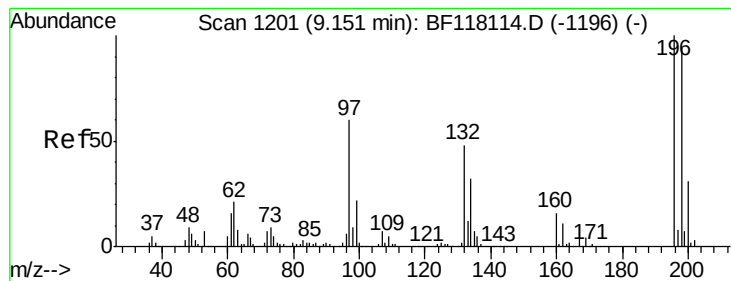
332 96.6 78.1 117.1

141 32.2 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: 49.249 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

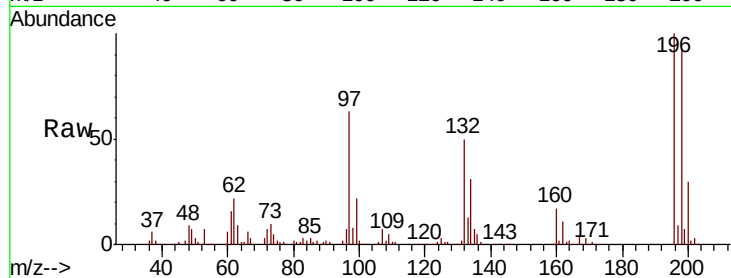
Tot Ion:196 Resp: 293313

Ion Ratio Lower Upper

196 100

198 93.1 75.0 112.4

200 29.6 24.5 36.7

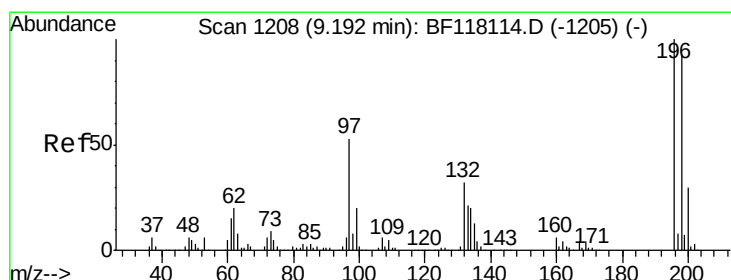
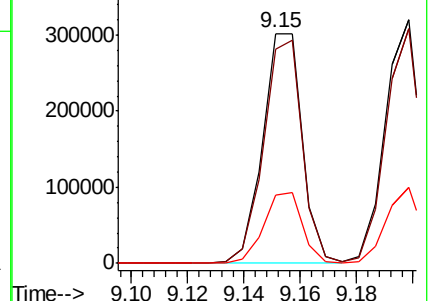
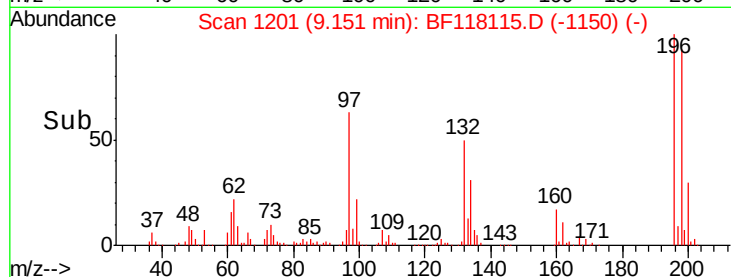


Abundance

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: 48.103 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Tgt Ion:196 Resp: 297447

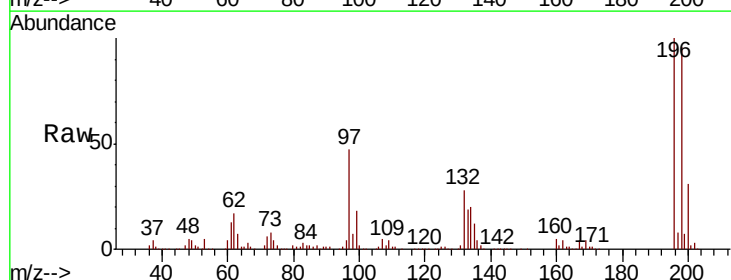
Ion Ratio Lower Upper

196 100

198 96.4 74.2 111.4

97 47.5 42.5 63.7

132 27.9 25.4 38.2



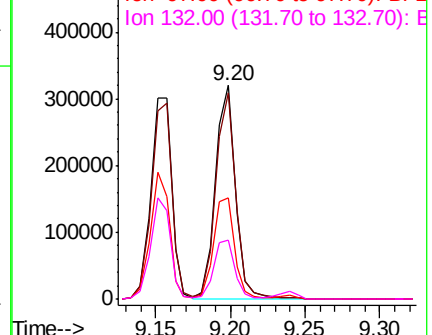
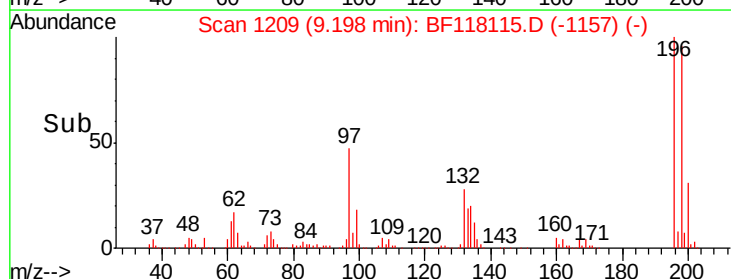
Abundance

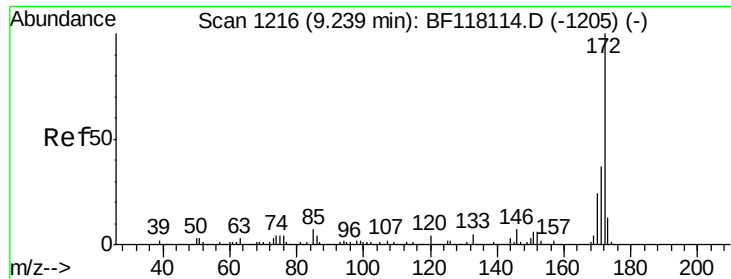
Ion 196.00 (195.70 to 196.70): E

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

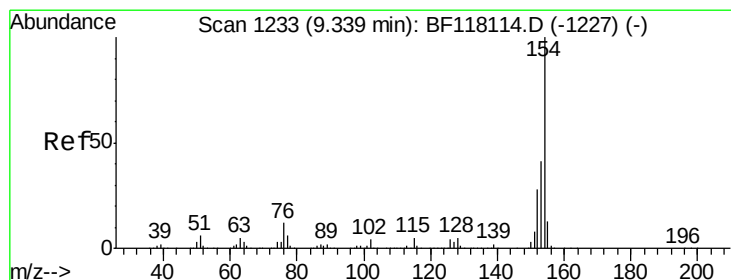
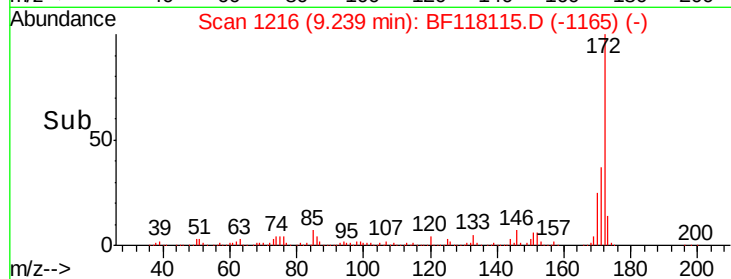
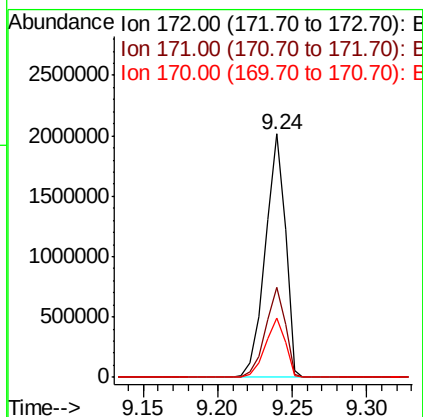
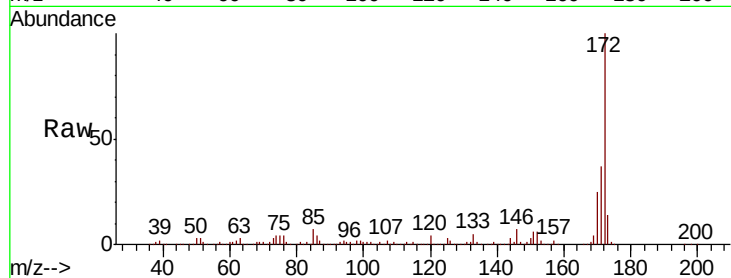




#45
 2-Fluorobiphenyl
 Concen: 115.845 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

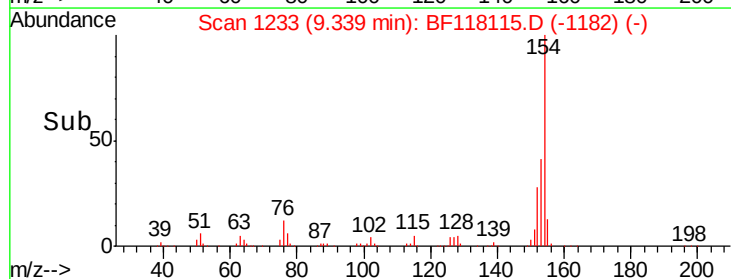
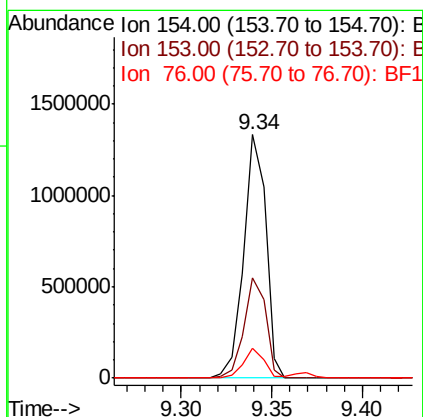
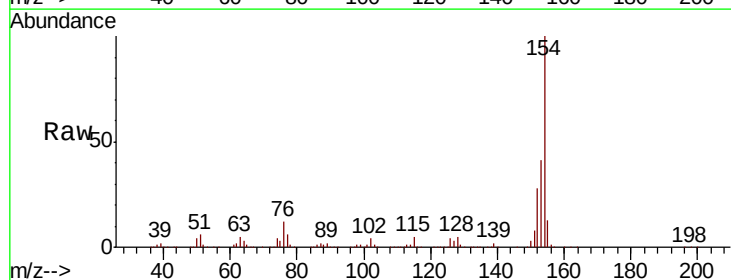
Instrument :
 BNA_F
 ClientSampled :

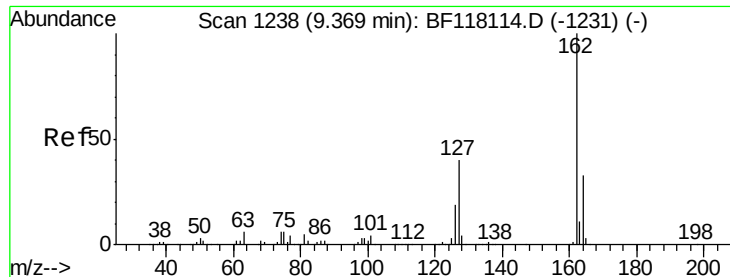
Tot Ion:172 Resp: 1848815
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.2 43.8
 170 24.6 19.4 29.2



#46
 1,1'-Biphenyl
 Concen: 53.169 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion:154 Resp: 1129427
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.7 60.7
 76 12.3 0.0 31.9

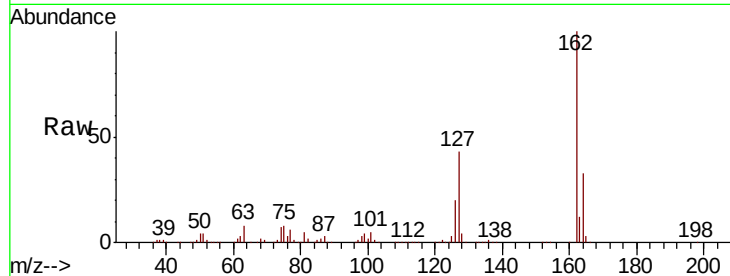




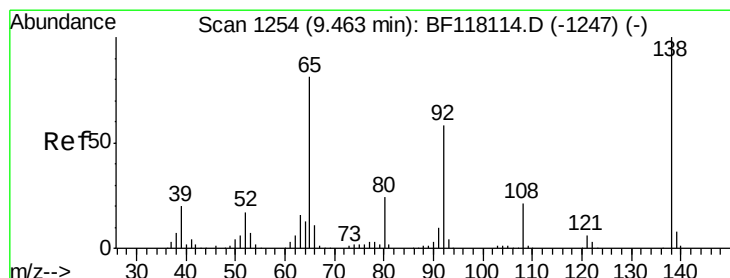
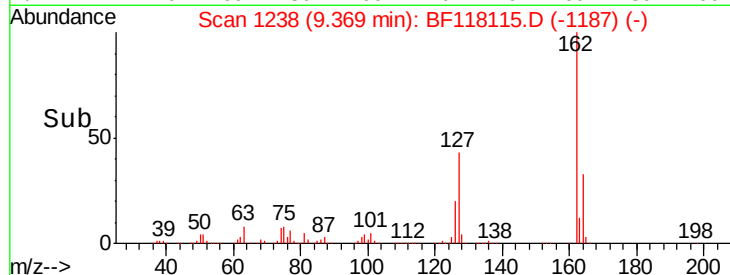
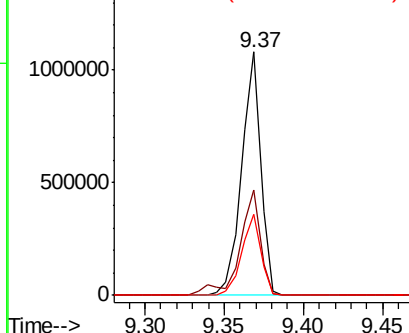
#47
2-Chloronaphthalene
Concen: 51.480 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.0	48.0
164	33.3	26.1	39.1

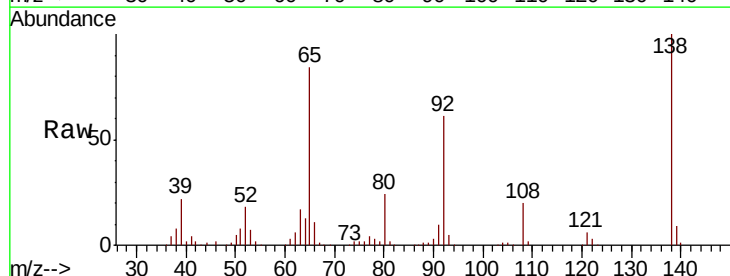


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

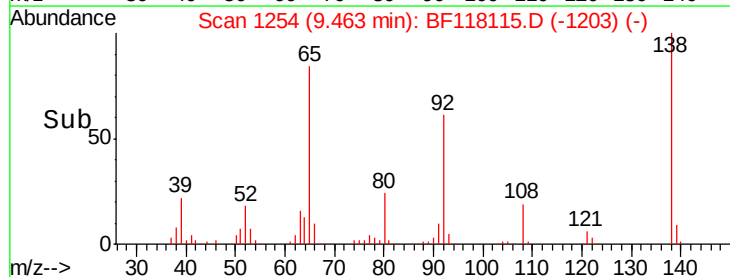
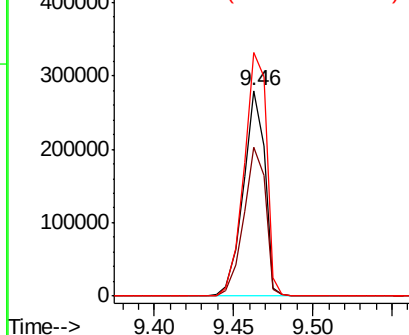


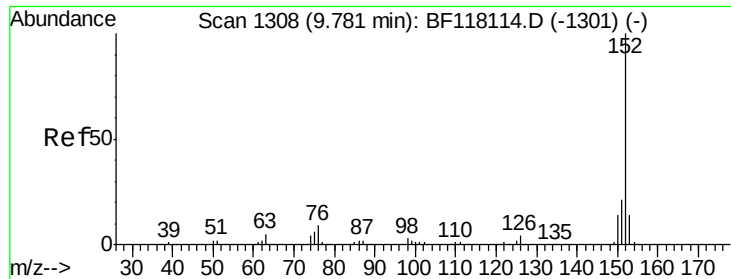
#48
2-Nitroaniline
Concen: 49.692 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.8	86.6
138	118.5	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: 51.809 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

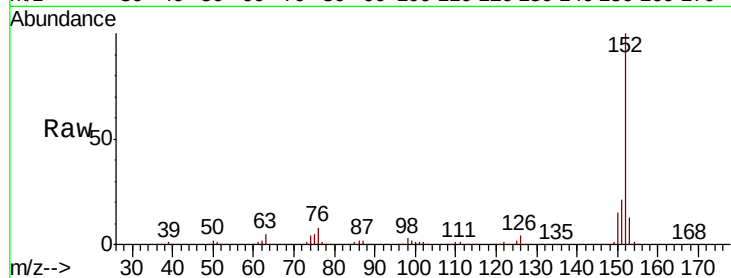
Tot Ion:152 Resp: 1319955

Ion Ratio Lower Upper

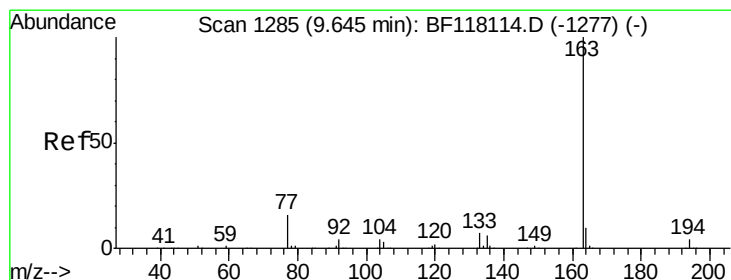
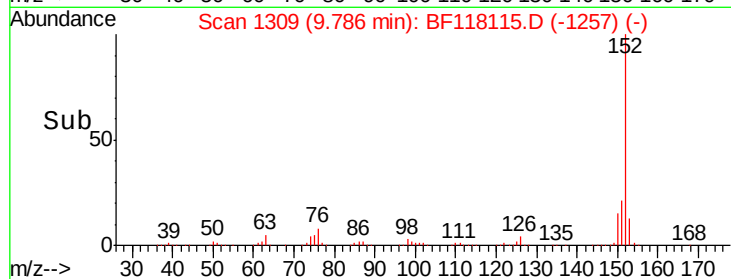
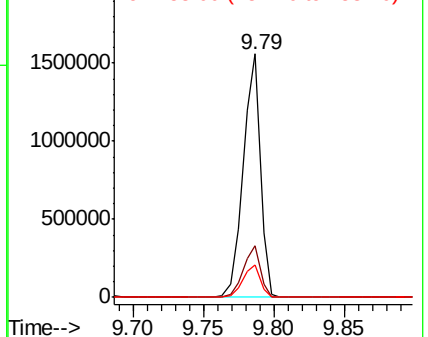
152 100

151 21.0 16.4 24.6

153 13.3 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: 51.543 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

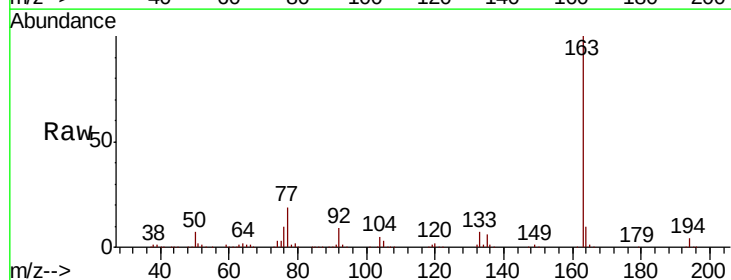
Tgt Ion:163 Resp: 1034877

Ion Ratio Lower Upper

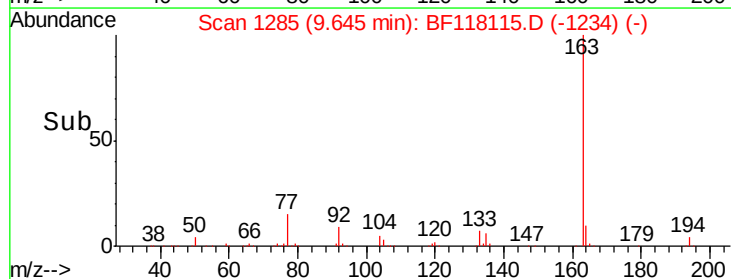
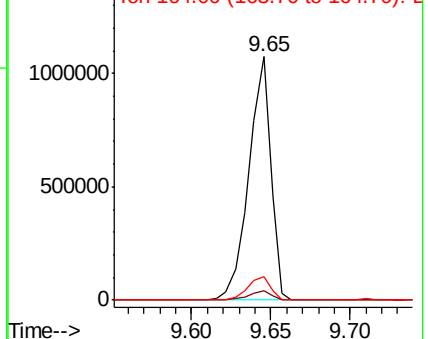
163 100

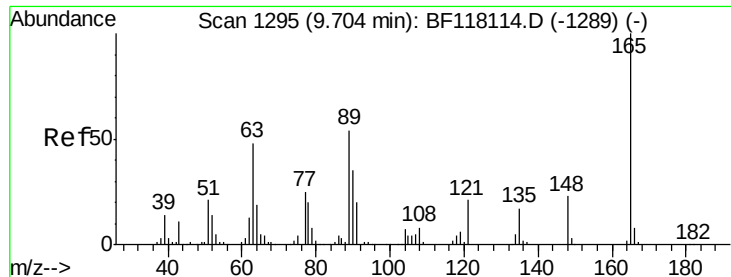
194 4.0 3.1 4.7

164 9.8 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

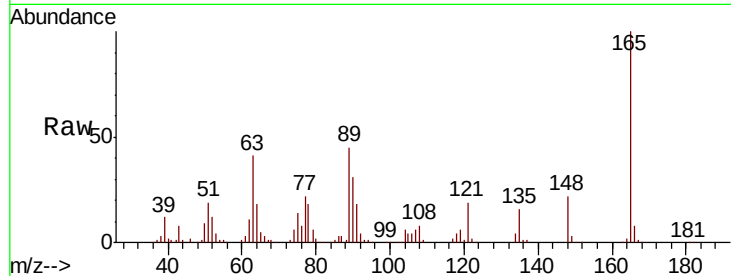




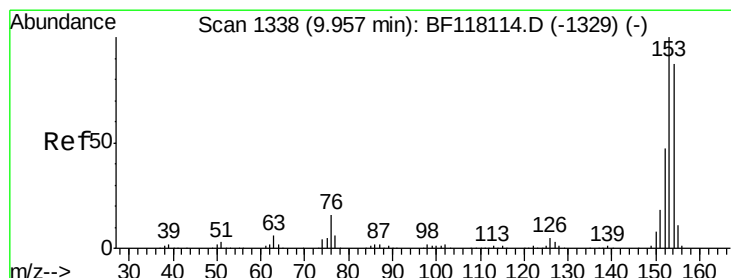
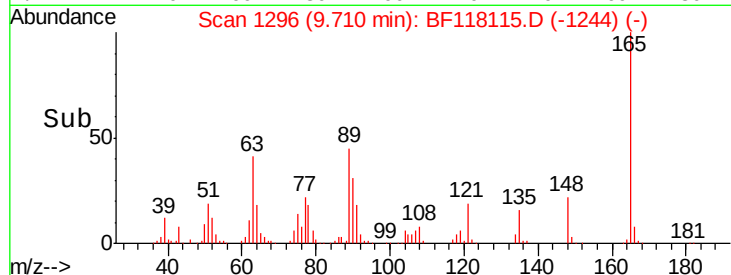
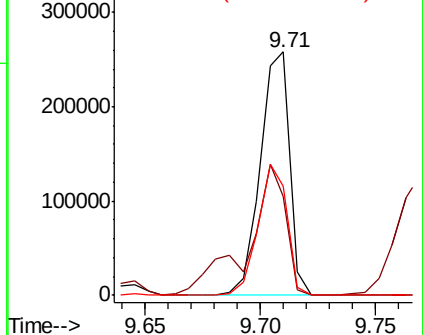
#51
 2,6-Dinitrotoluene
 Concen: 52.262 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	41.4	62.0#
89	44.8	42.9	64.3

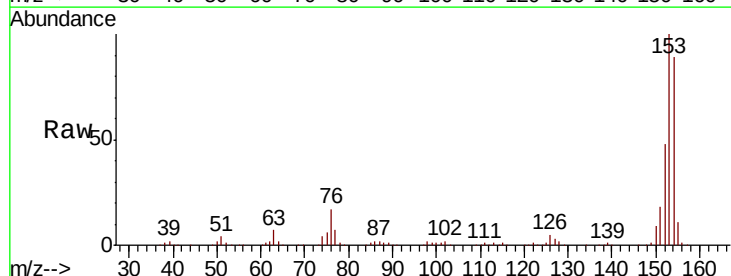


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

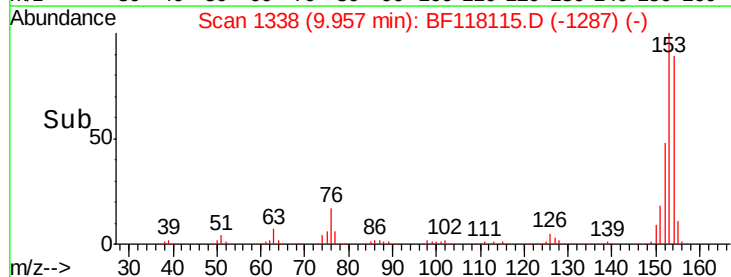
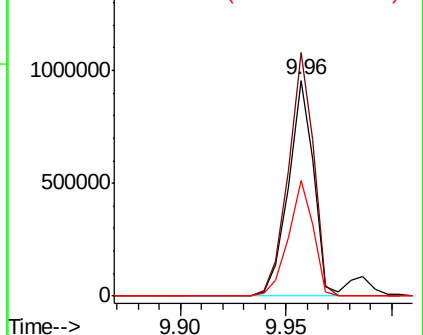


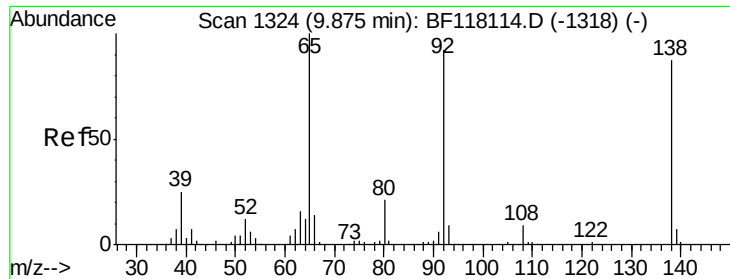
#52
 Acenaphthene
 Concen: 49.213 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.8	137.6
152	53.8	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

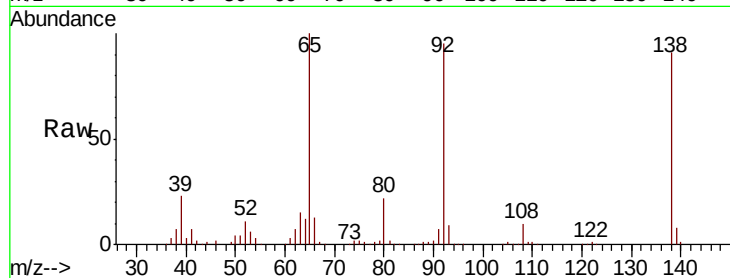




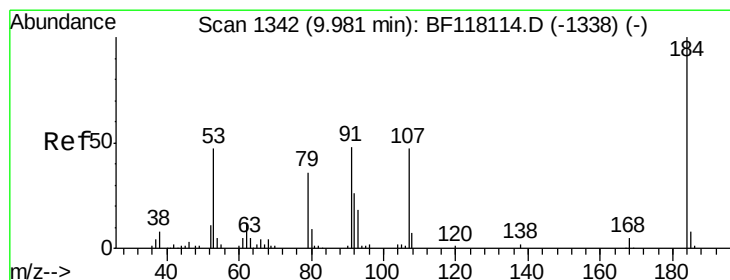
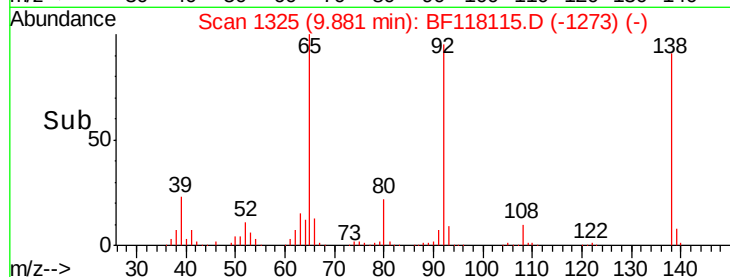
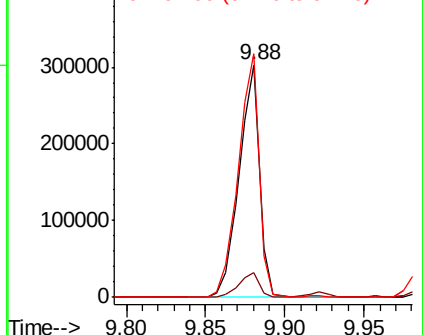
#53
3-Nitroaniline
Concen: 51.359 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 269670
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 104.7 84.9 127.3

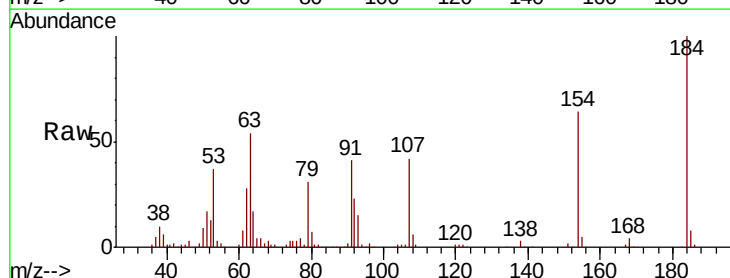


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

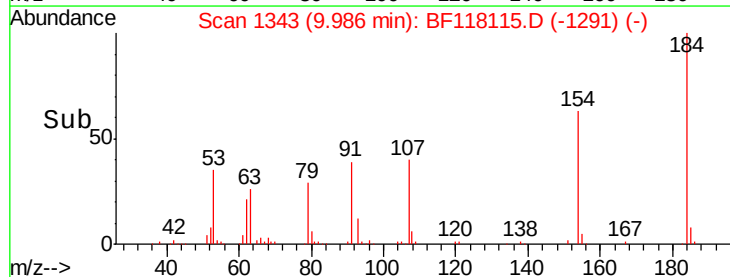
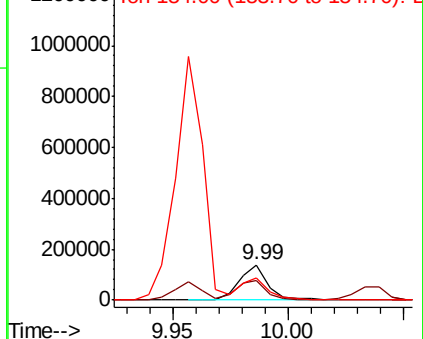


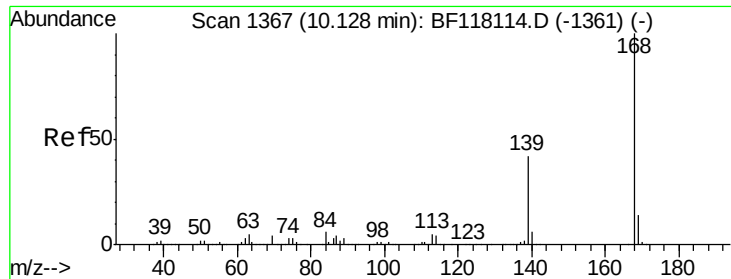
#54
2,4-Dinitrophenol
Concen: 61.681 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:184 Resp: 120155
Ion Ratio Lower Upper
184 100
63 54.1 53.9 80.9
154 63.6 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

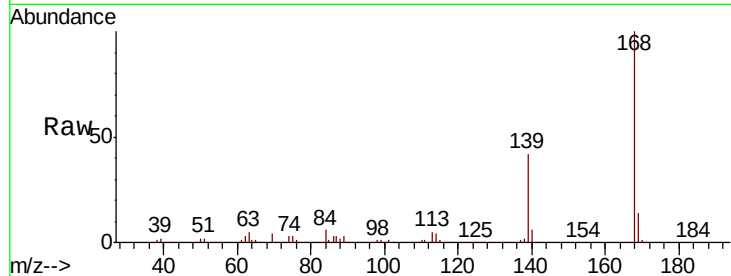




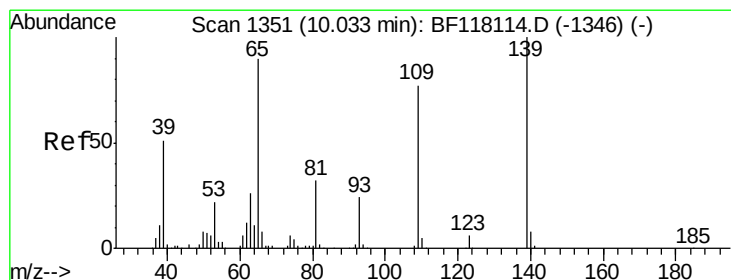
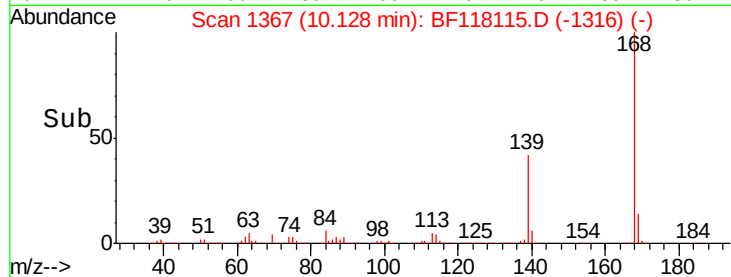
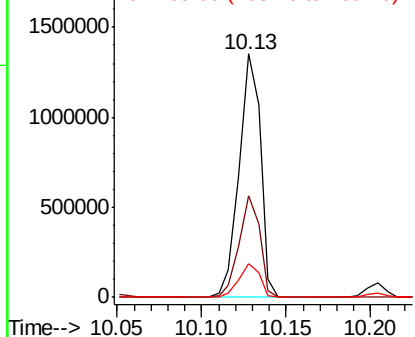
#55
Dibenzofuran
Concen: 52.631 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1189479
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.0
169 13.8 11.0 16.6

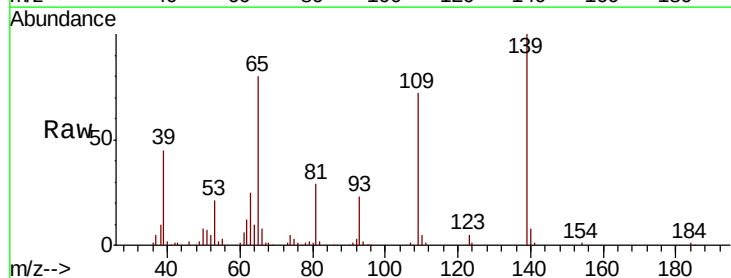


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

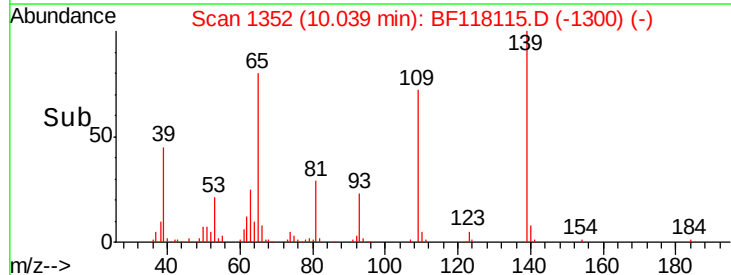
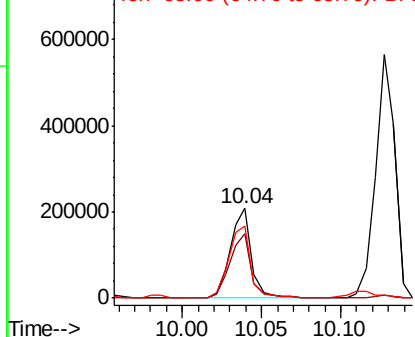


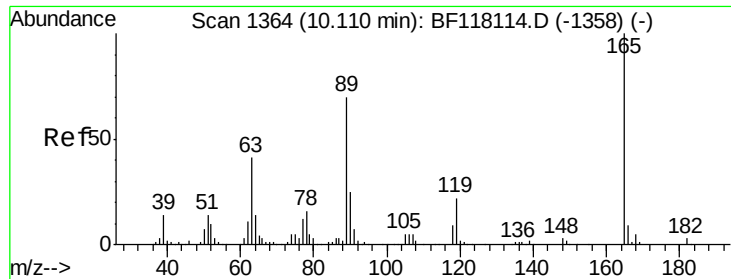
#56
4-Nitrophenol
Concen: 49.500 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:139 Resp: 194005
Ion Ratio Lower Upper
139 100
109 72.3 57.3 97.3
65 80.3 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: 55.480 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 309683

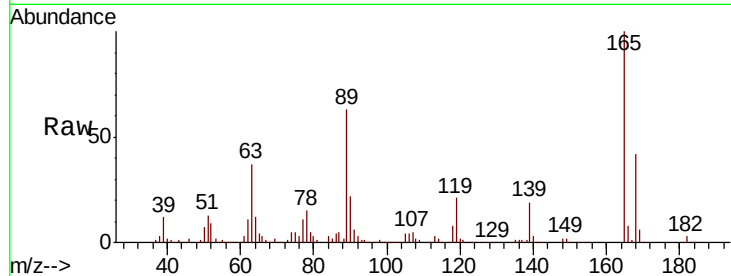
Ion Ratio Lower Upper

165 100

63 37.3 32.6 49.0

89 62.9 56.1 84.1

182 3.0 2.1 3.1

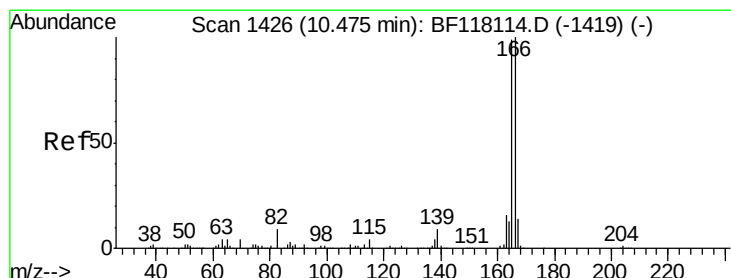
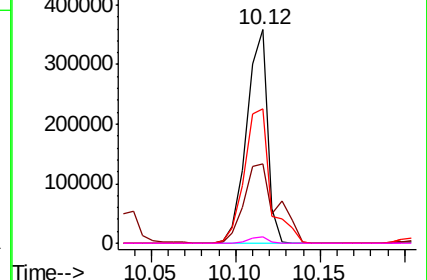
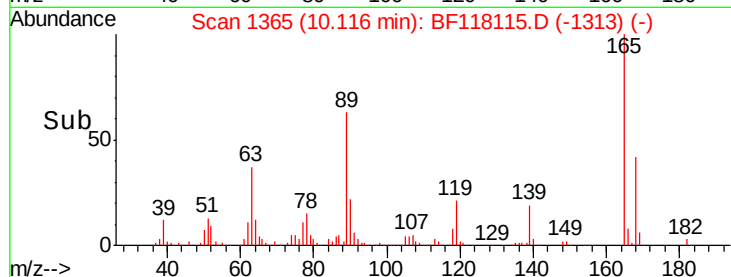


Abundance Ion 165.00 (164.70 to 165.70): E

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: 53.075 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

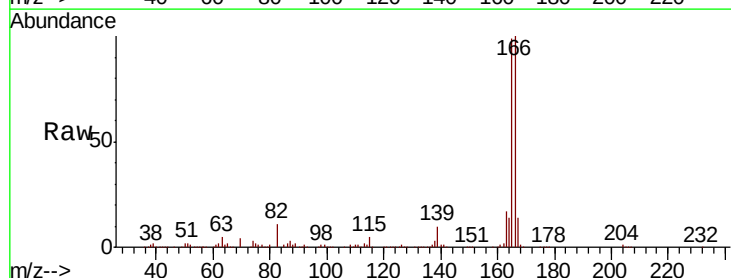
Tgt Ion:166 Resp: 929525

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

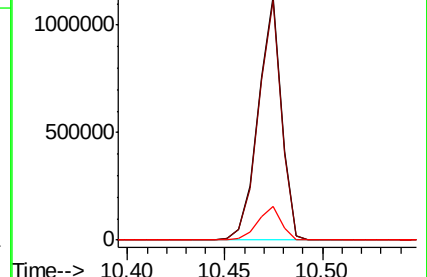
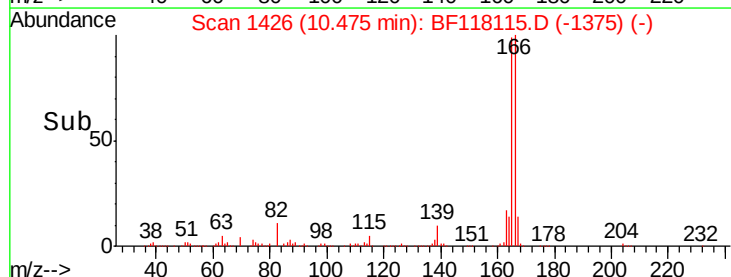
167 13.9 10.9 16.3

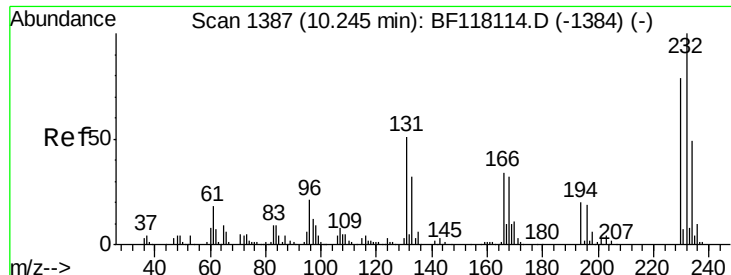


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

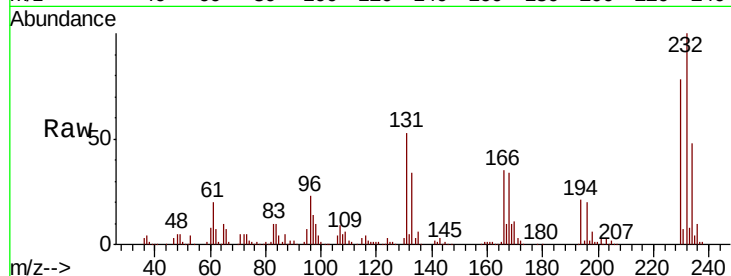




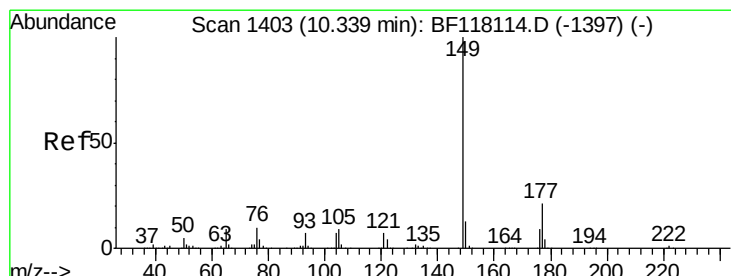
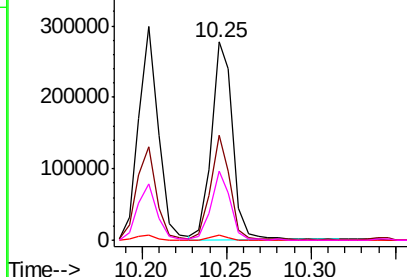
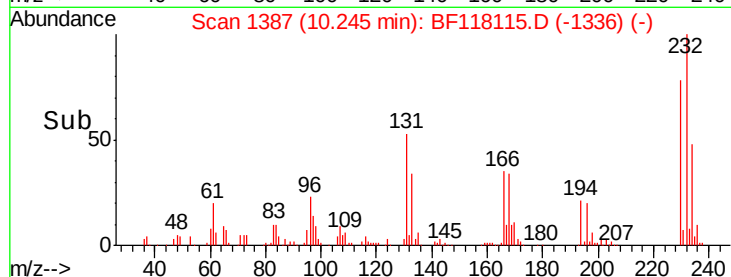
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.228 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 245036
Ion Ratio Lower Upper
232 100
131 49.1 38.8 58.2
130 2.3 1.9 2.9
166 32.6 25.4 38.0

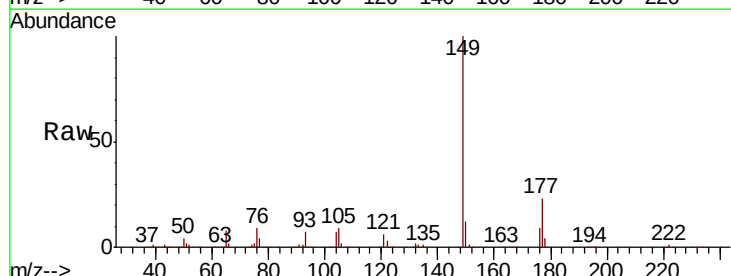


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

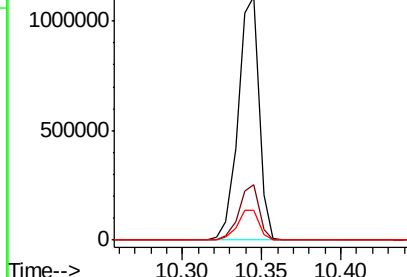
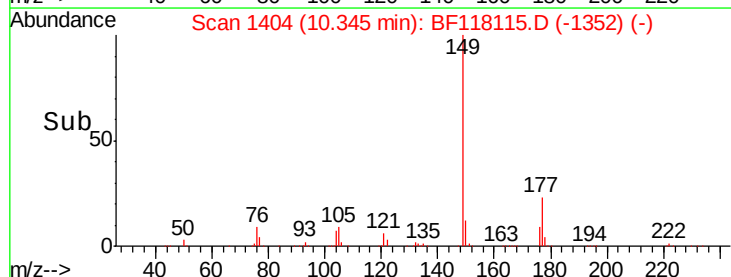


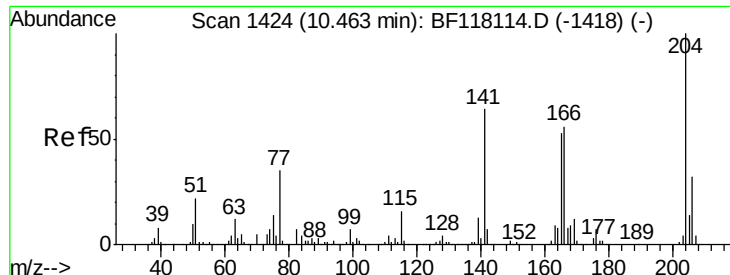
#60
Diethylphthalate
Concen: 52.116 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:149 Resp: 1020148
Ion Ratio Lower Upper
149 100
177 22.8 17.0 25.4
150 12.5 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

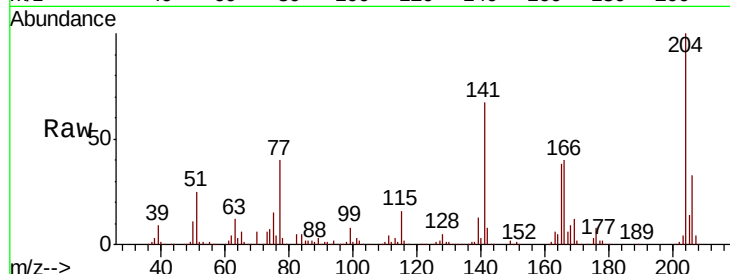




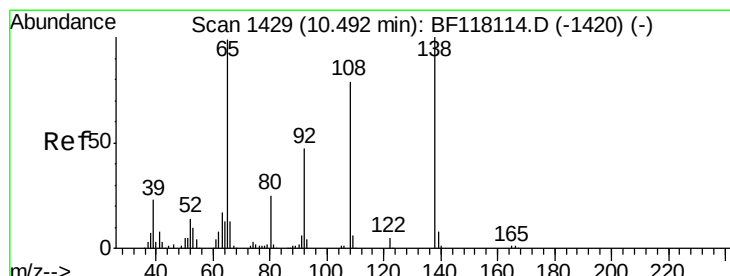
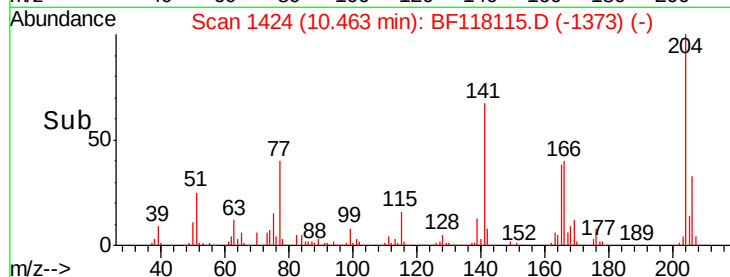
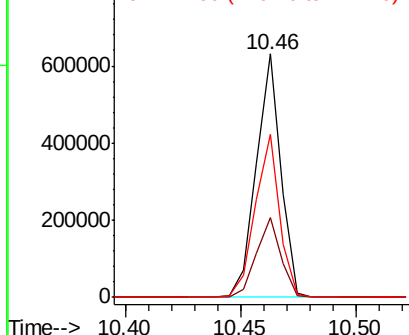
#61
4-Chlorophenyl-phenylether
Concen: 52.910 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 470260
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 67.2 51.0 76.6

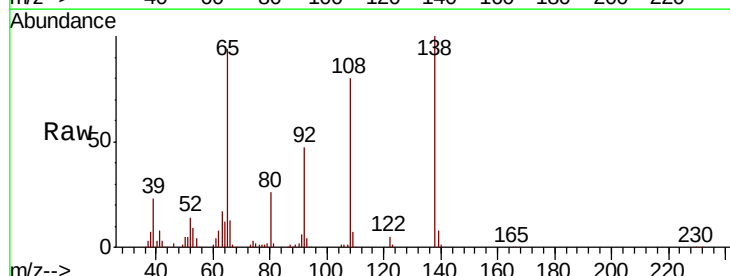


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

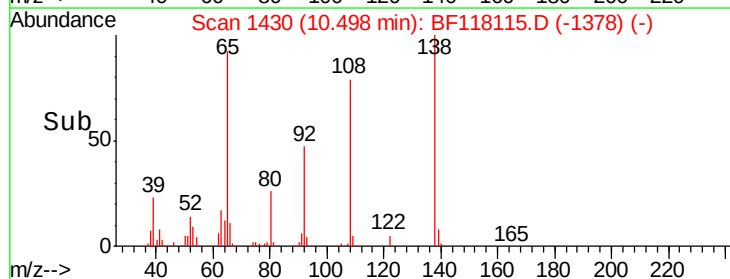
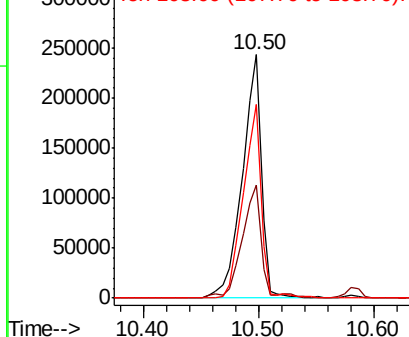


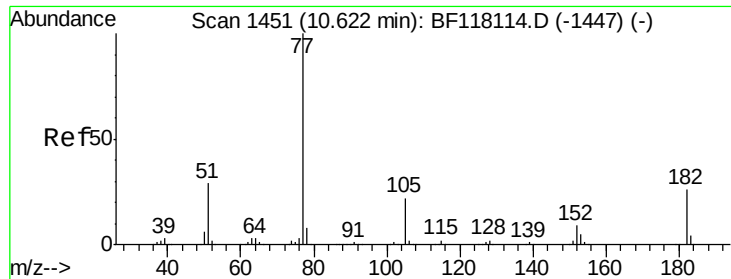
#62
4-Nitroaniline
Concen: 53.383 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:138 Resp: 280646
Ion Ratio Lower Upper
138 100
92 46.5 27.1 67.1
108 79.7 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: 48.735 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 867891

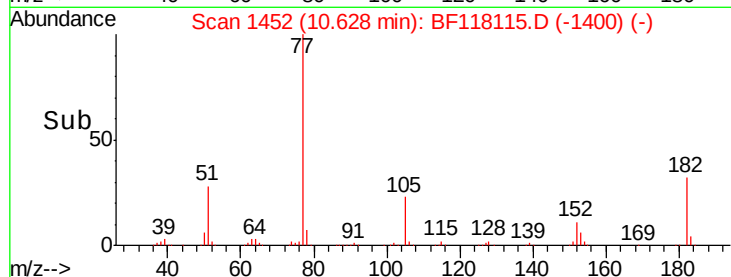
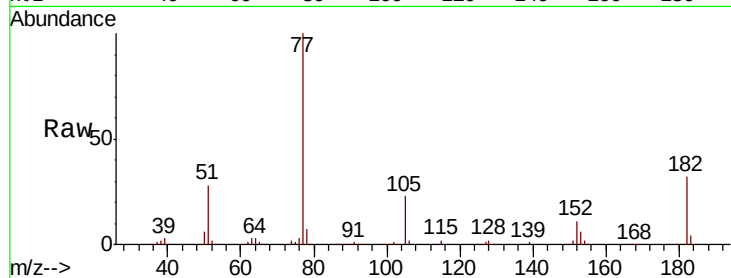
Ion Ratio Lower Upper

77 100

182 32.4 5.7 45.7

105 23.3 2.2 42.2

51 27.8 9.6 49.6

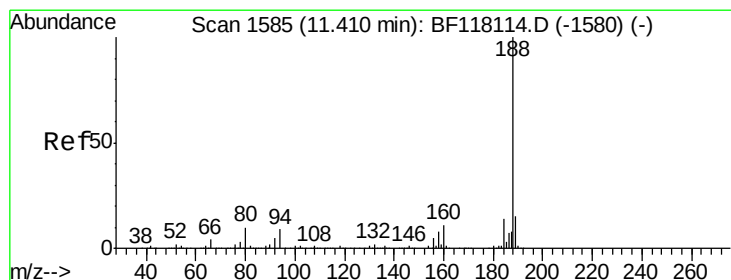
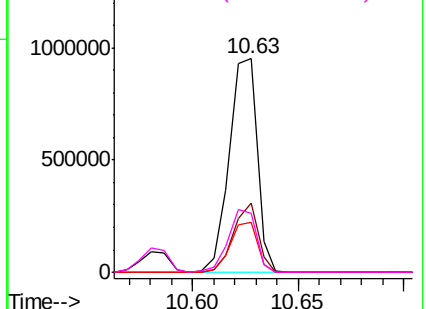


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

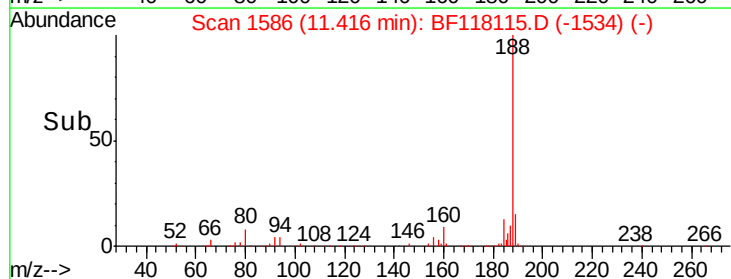
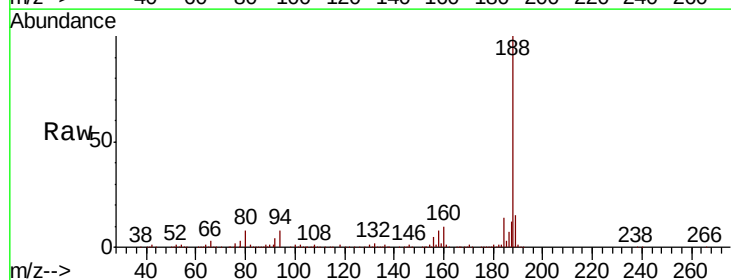
Tgt Ion: 188 Resp: 528200

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

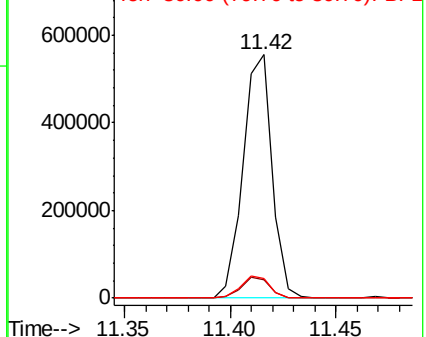
80 8.0 7.9 11.9

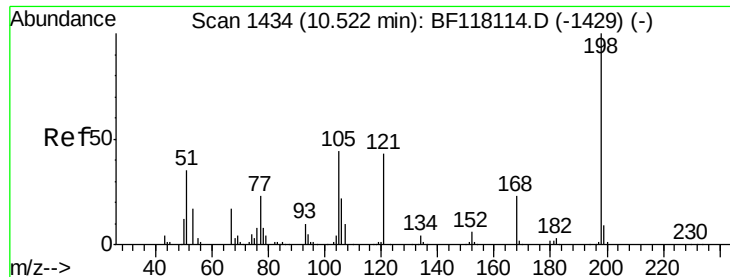


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

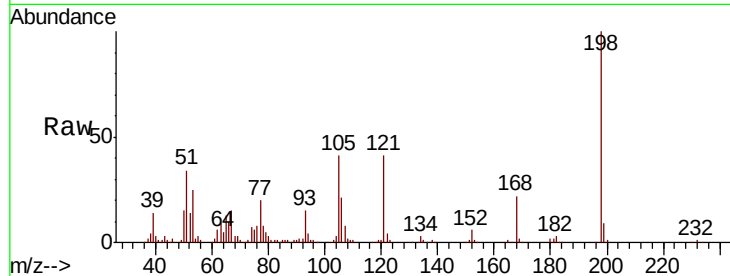




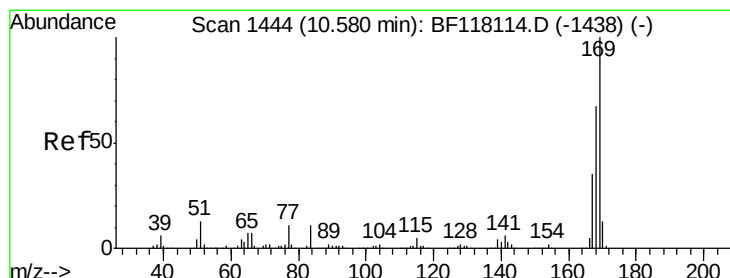
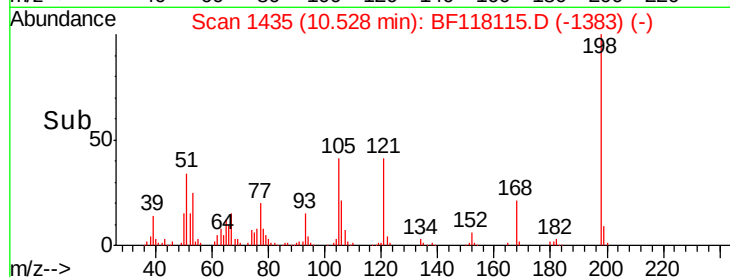
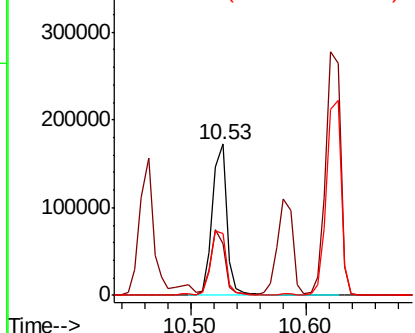
#65
4,6-Dinitro-2-methylphenol
Concen: 62.016 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 152920
Ion Ratio Lower Upper
198 100
51 33.8 22.0 62.0
105 40.6 25.6 65.6

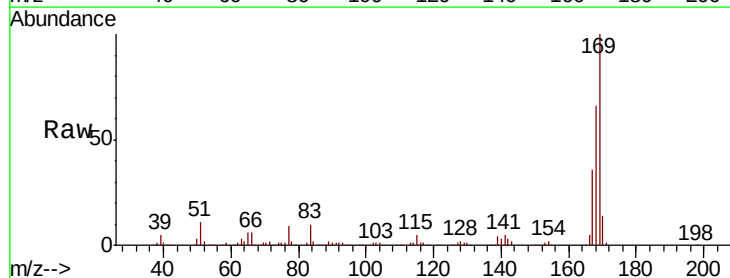


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

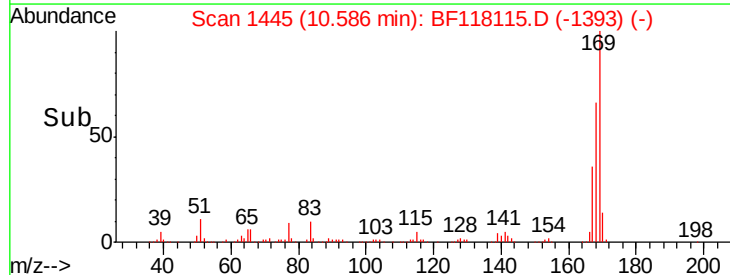
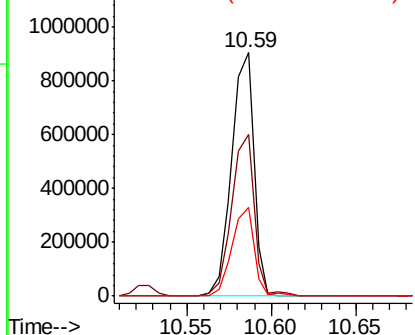


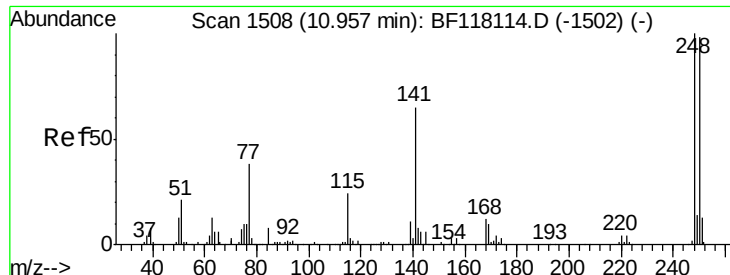
#66
n-Nitrosodiphenylamine
Concen: 54.003 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:169 Resp: 830140
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.2 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

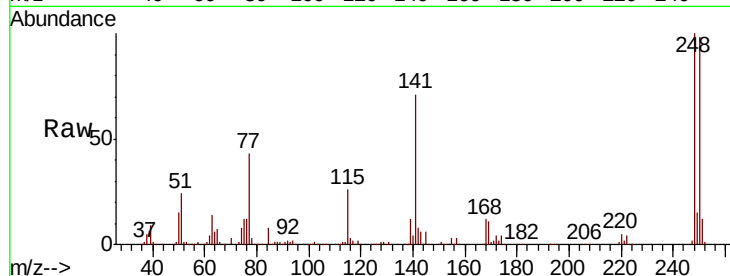




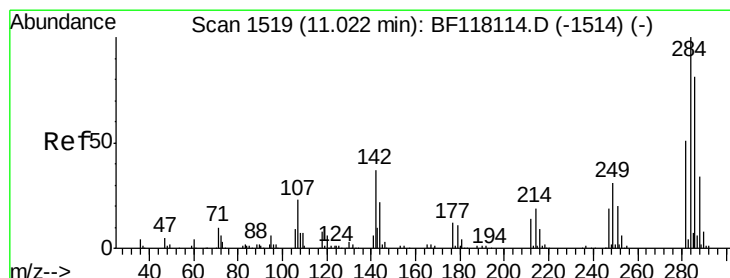
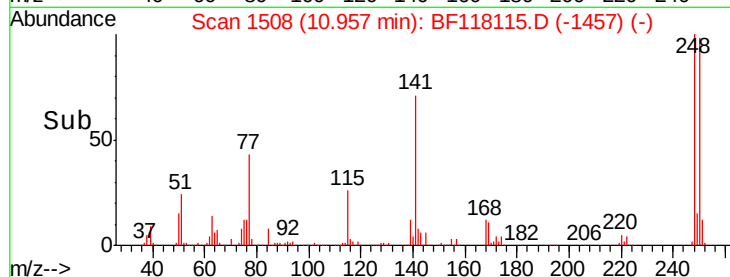
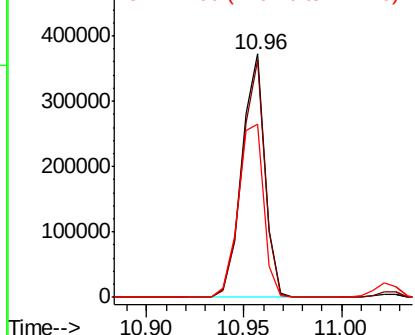
#67
4-Bromophenyl-phenylether
Concen: 53.304 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 303793
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 71.0 52.2 78.4

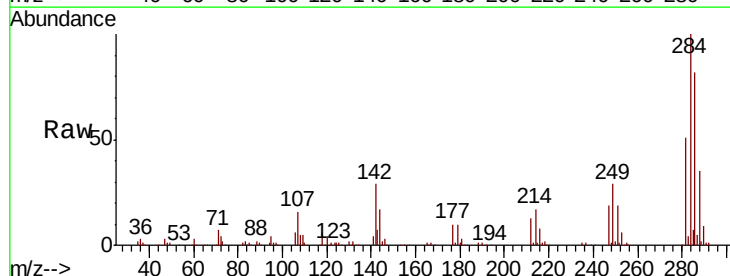


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

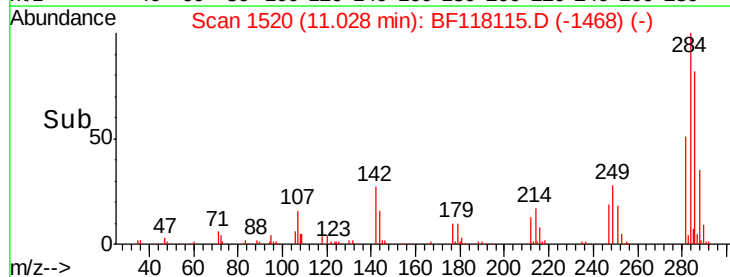
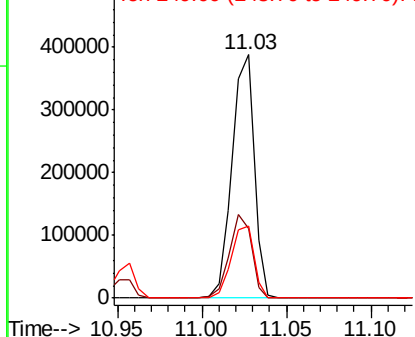


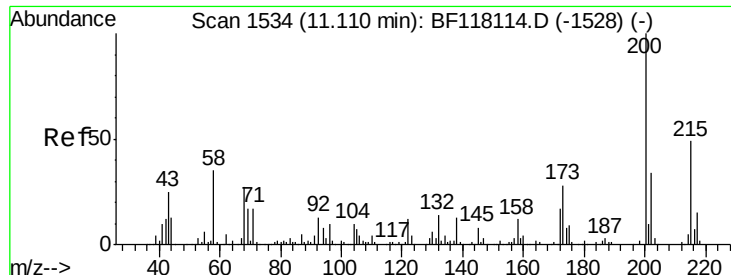
#68
Hexachlorobenzene
Concen: 53.498 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:284 Resp: 355522
Ion Ratio Lower Upper
284 100
142 28.8 29.7 44.5#
249 29.4 24.6 37.0



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

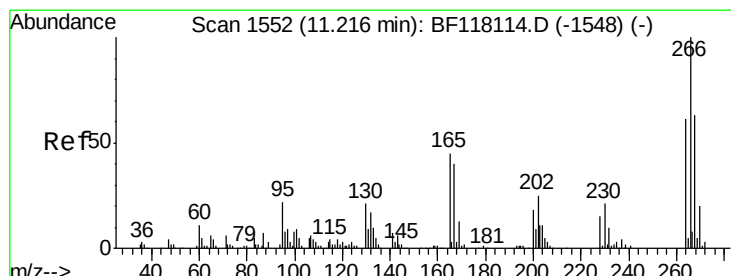
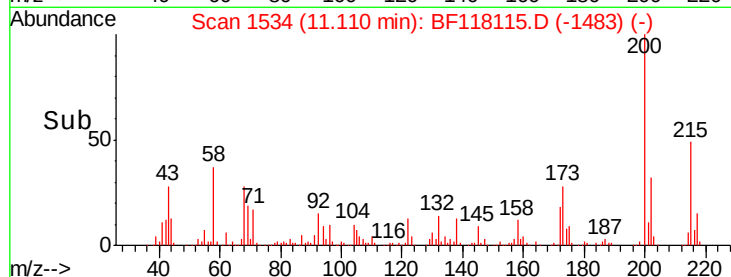
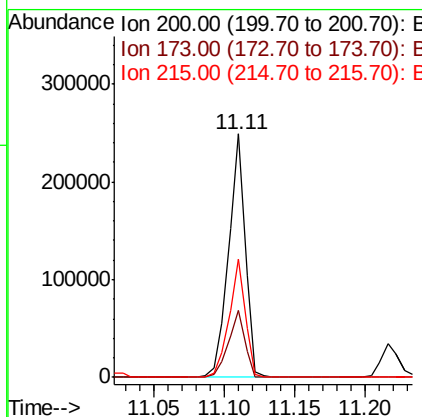
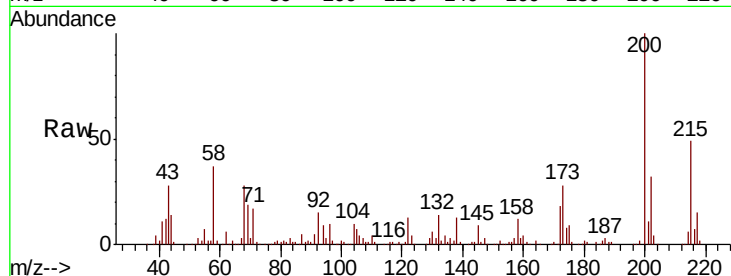




#69
 Atrazine
 Concen: 40.693 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

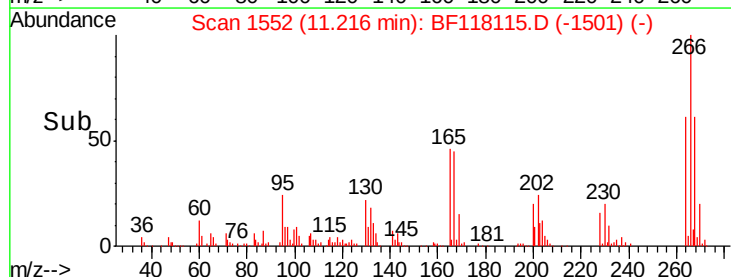
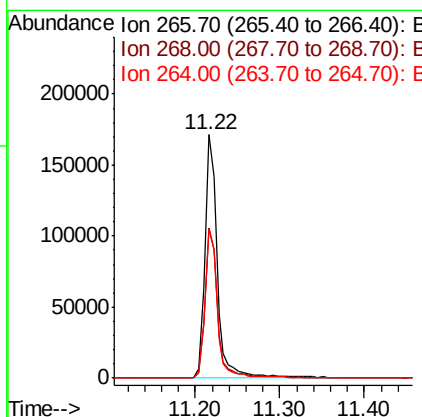
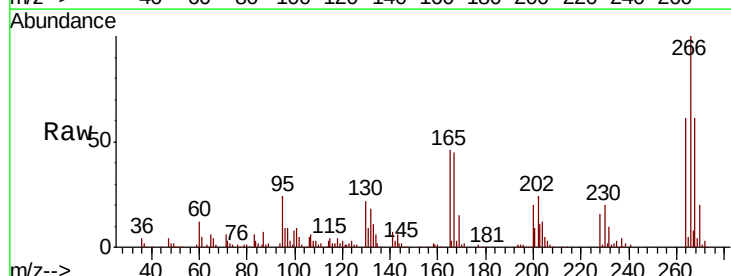
Instrument :
 BNA_F
 ClientSampleId :

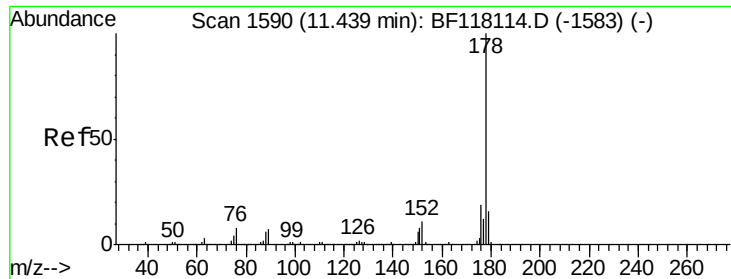
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.1	48.1
215	48.6	29.0	69.0



#70
 Pentachlorophenol
 Concen: 45.350 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	50.7	76.1
264	61.2	48.7	73.1

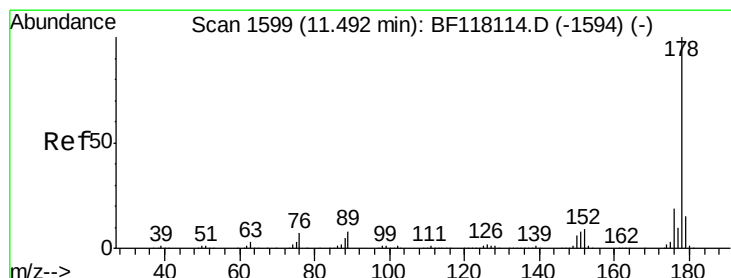
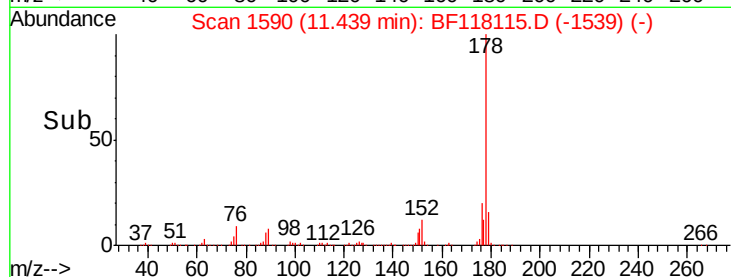
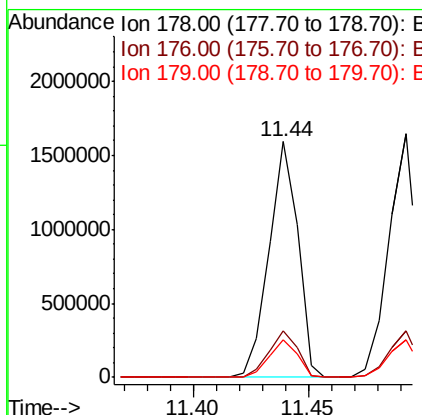
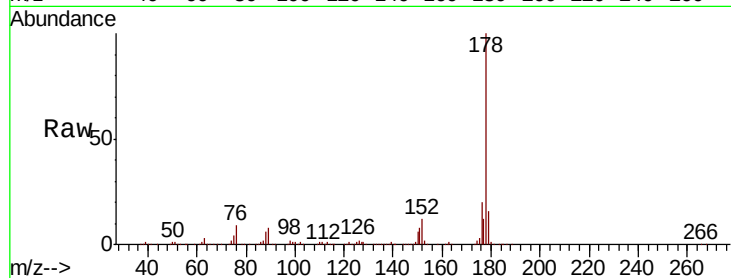




#71
Phenanthrene
Concen: 52.192 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

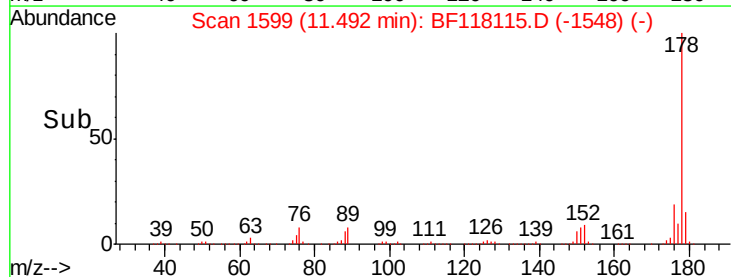
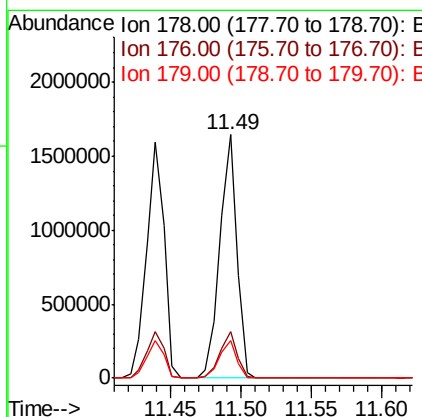
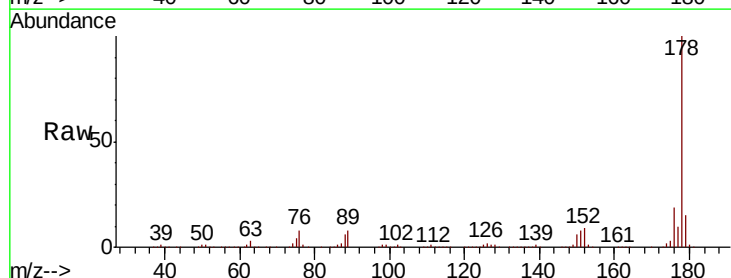
Instrument :
BNA_F
ClientSampleId :

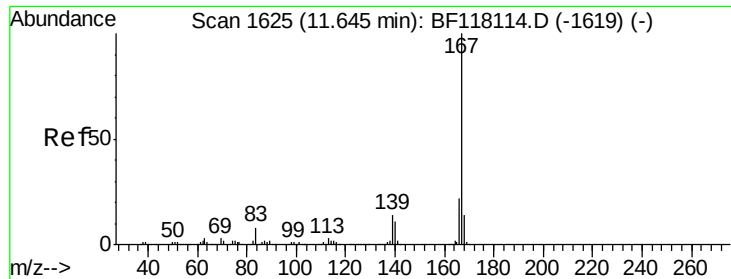
Tot Ion:178 Resp: 1386015
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.1 12.6 18.8



#72
Anthracene
Concen: 52.836 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:178 Resp: 1391162
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.2 18.4

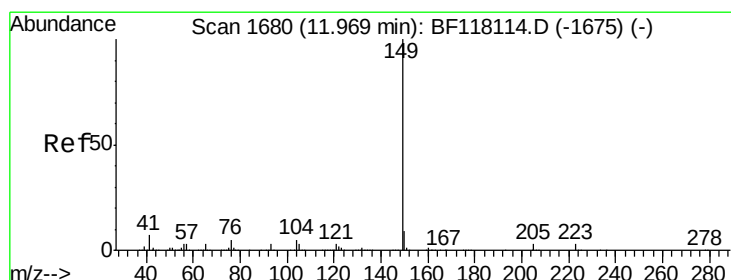
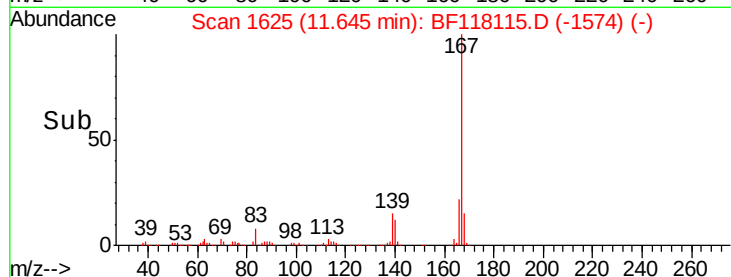
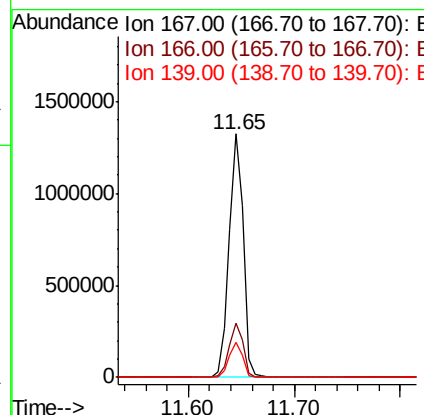
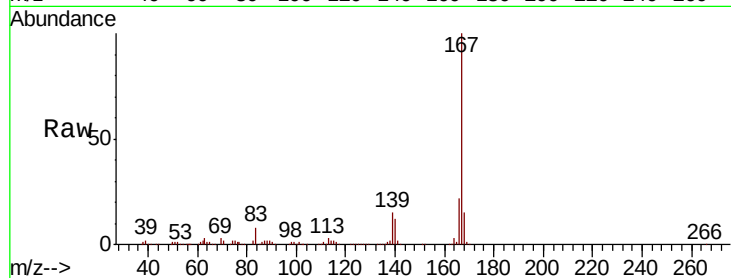




#73
 Carbazole
 Concen: 53.972 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

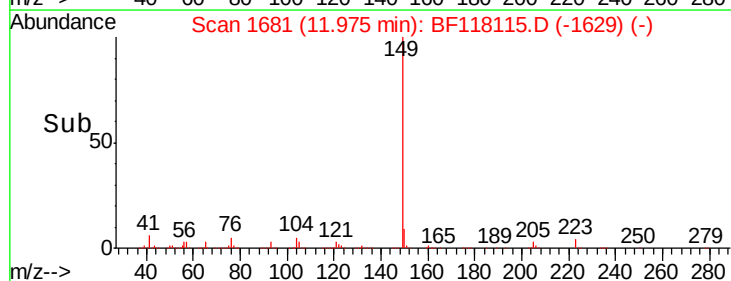
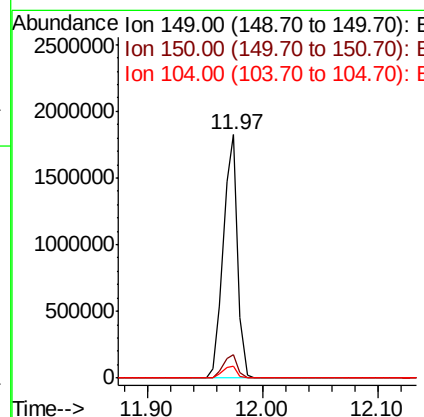
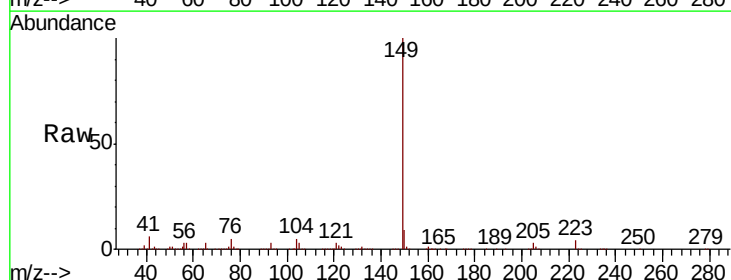
Instrument :
 BNA_F
 ClientSampleId :

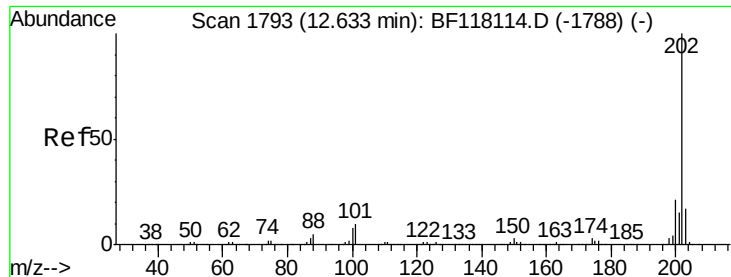
Tot Ion:167 Resp: 1241816
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 14.6 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 54.015 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion:149 Resp: 1547392
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.8 4.3 6.5

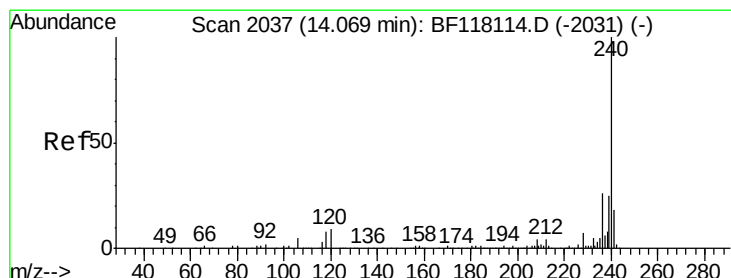
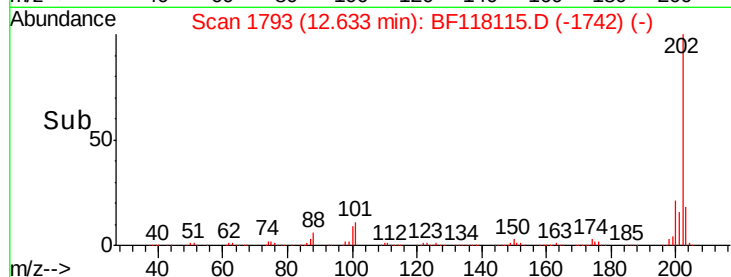
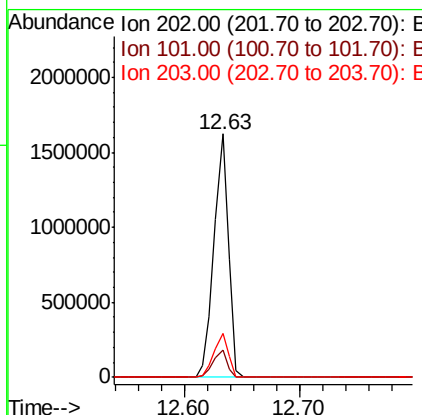
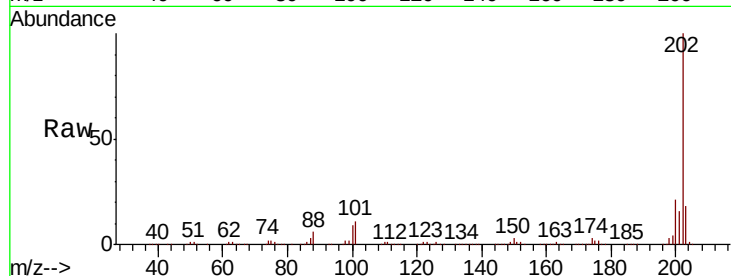




#75
 Fluoranthene
 Concen: 55.099 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

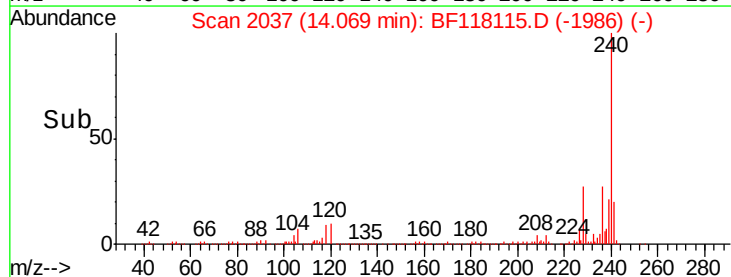
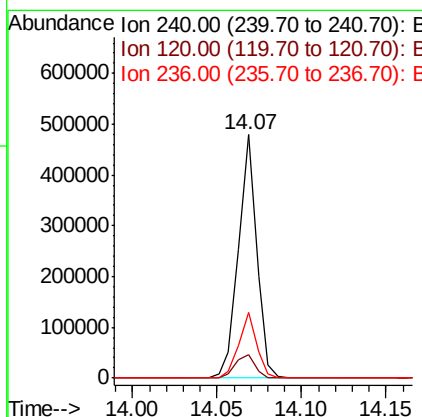
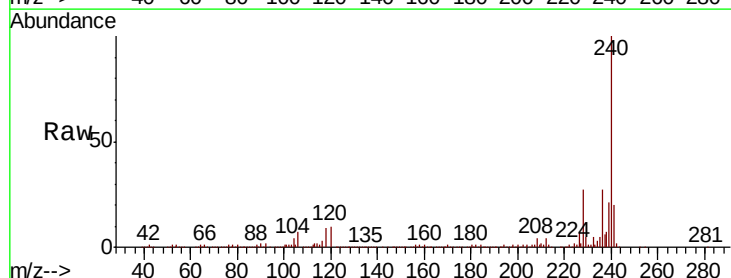
Instrument :
 BNA_F
 ClientSampleId :

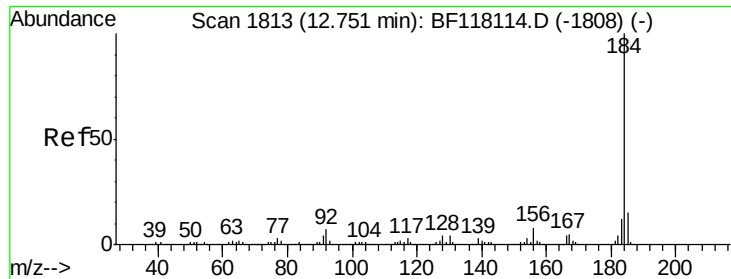
Tot Ion:202 Resp: 1415498
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.4
 203 18.2 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF118115.D
 Acq: 6 Dec 2019 15:27

Tgt Ion:240 Resp: 361973
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.1 10.7
 236 26.8 21.0 31.6





#77

Benzidine

Concen: 41.888 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

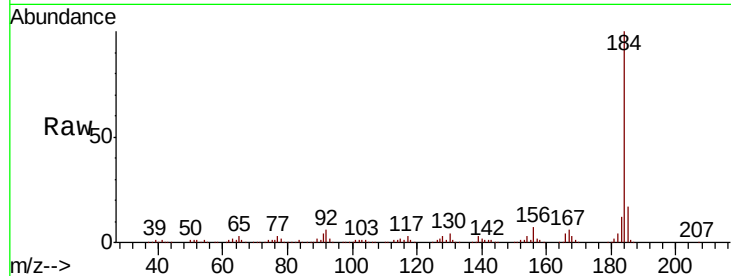
Tot Ion:184 Resp: 496654

Ion Ratio Lower Upper

184 100

185 16.6 12.3 18.5

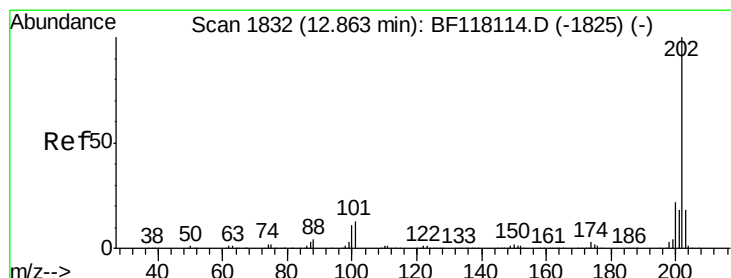
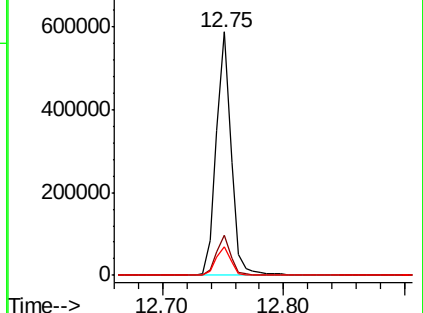
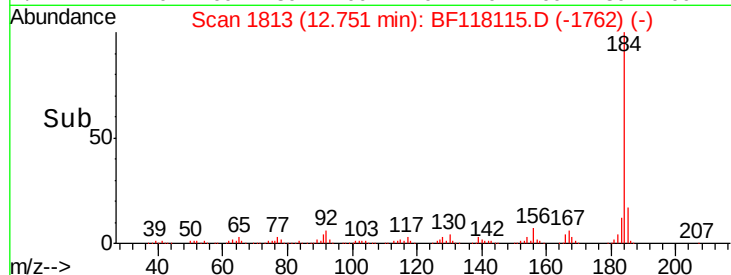
183 11.8 9.9 14.9



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: 49.526 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

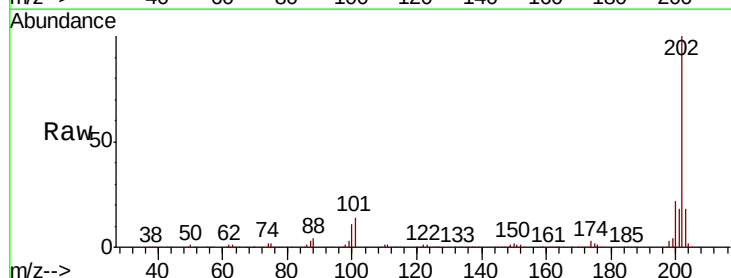
Tgt Ion:202 Resp: 1448788

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

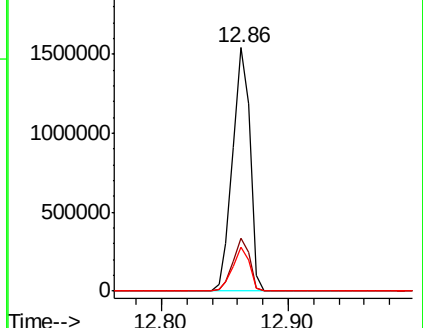
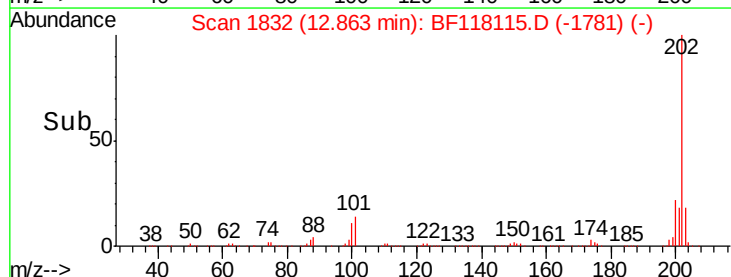
203 18.0 14.6 21.8

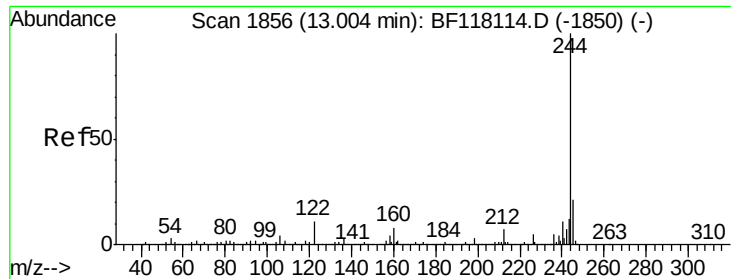


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.563 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

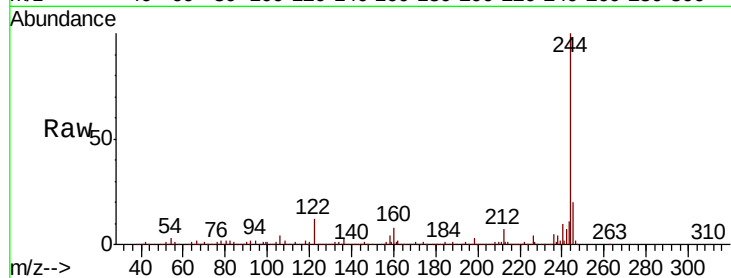
Tot Ion:244 Resp: 2110568

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

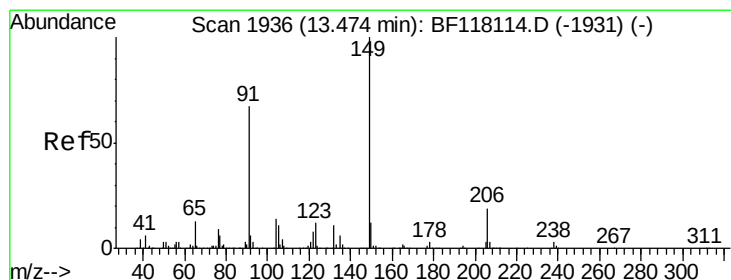
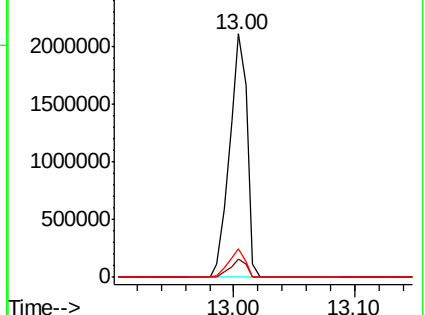
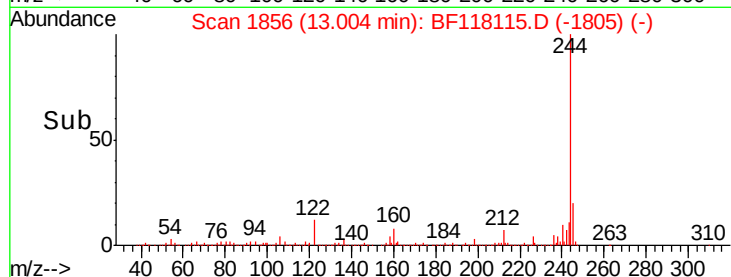
122 11.8 9.0 13.6



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: 51.871 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

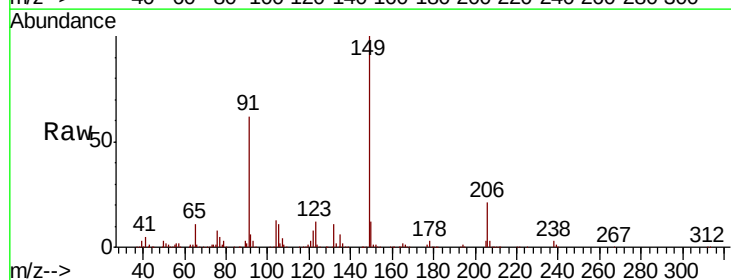
Tgt Ion:149 Resp: 651718

Ion Ratio Lower Upper

149 100

91 62.3 53.9 80.9

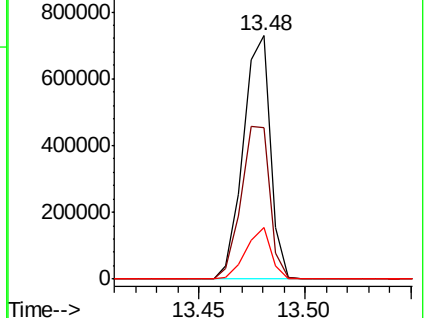
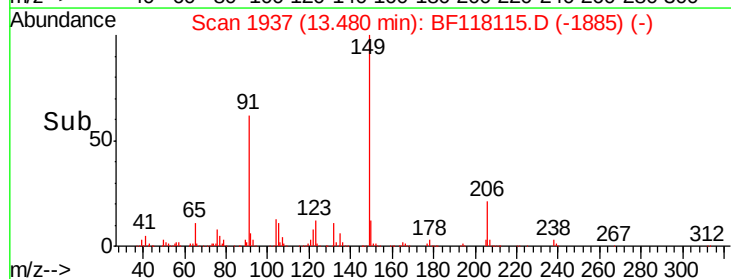
206 21.3 15.2 22.8

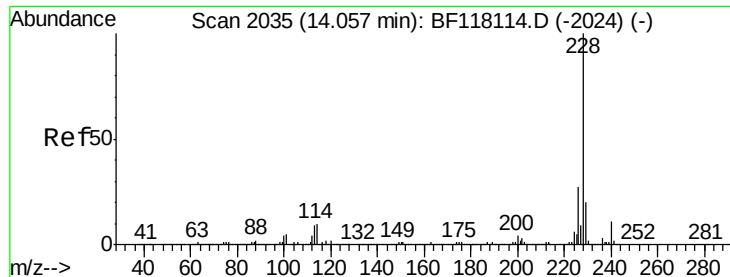


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.445 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

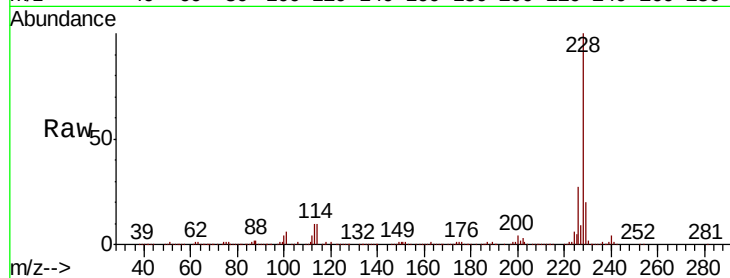
Tot Ion:228 Resp: 1254462

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

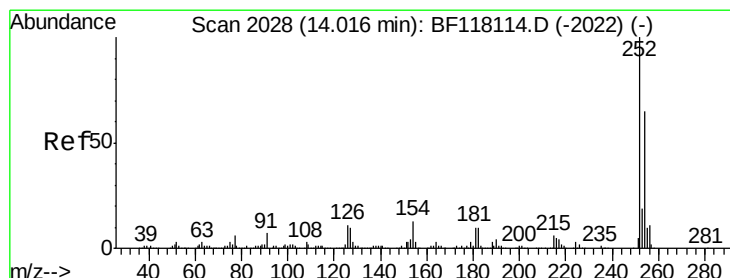
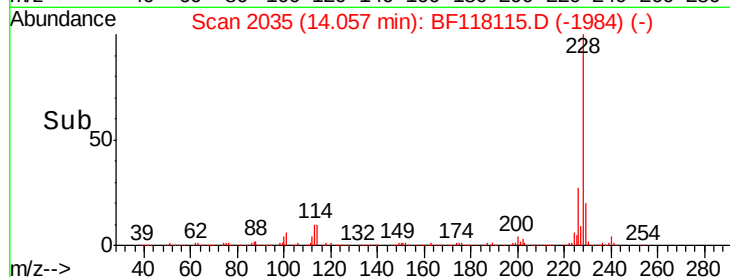
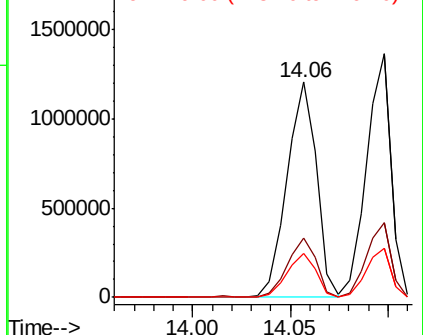
229 20.4 15.8 23.8



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: 46.983 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

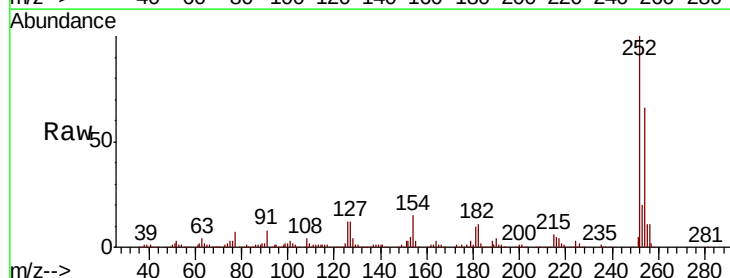
Tgt Ion:252 Resp: 393106

Ion Ratio Lower Upper

252 100

254 65.8 52.2 78.4

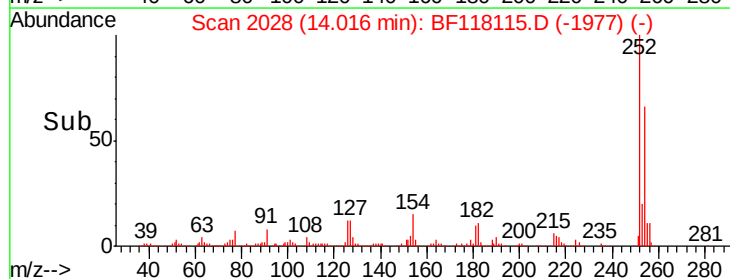
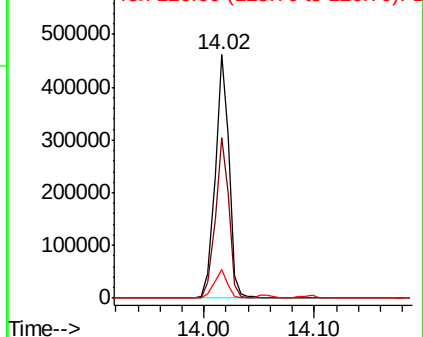
126 11.7 8.6 13.0

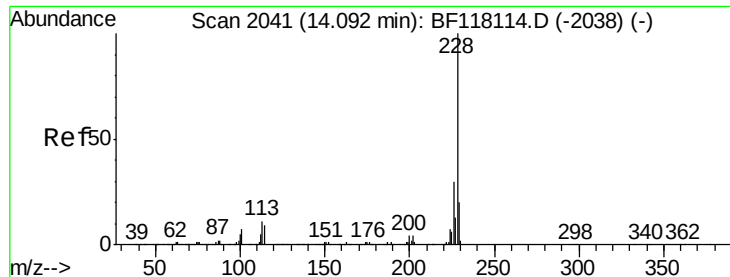


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.168 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

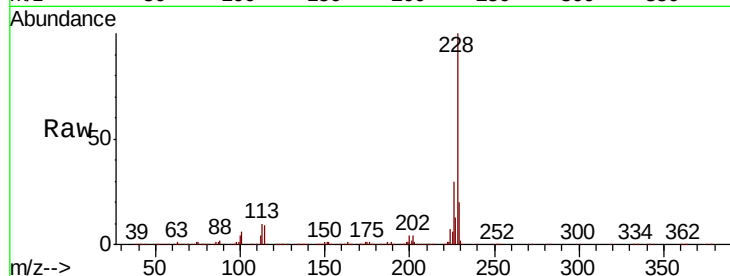
Tot Ion:228 Resp: 1185986

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

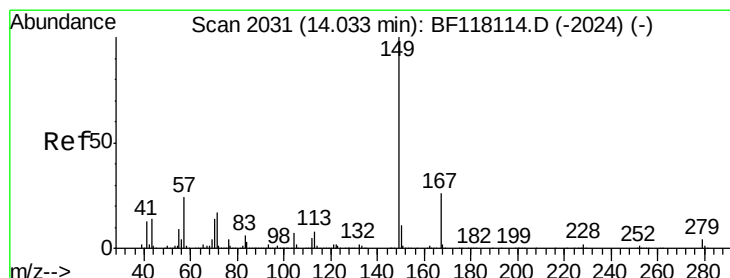
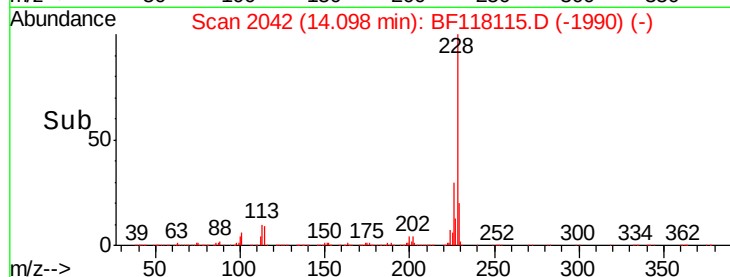
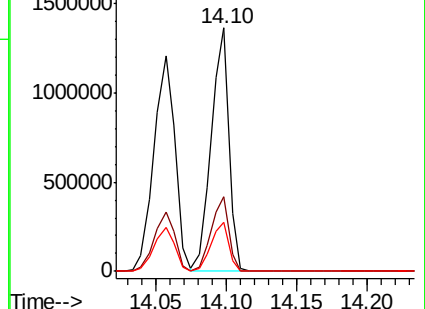
229 20.1 15.7 23.5



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: 55.910 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

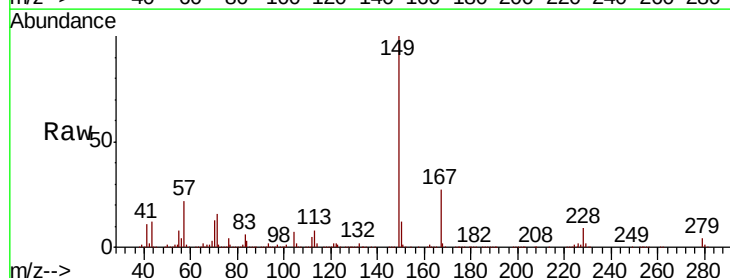
Tgt Ion:149 Resp: 851634

Ion Ratio Lower Upper

149 100

167 27.3 20.8 31.2

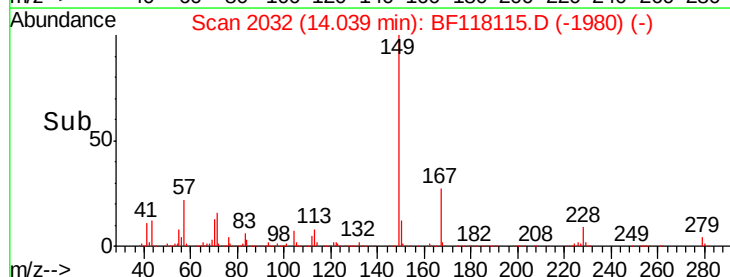
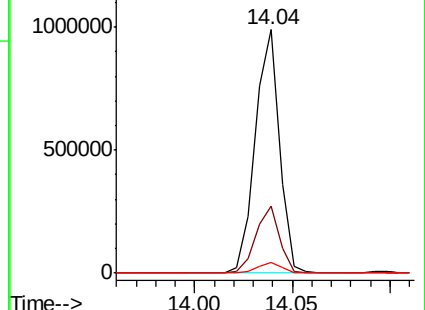
279 4.4 2.9 4.3#

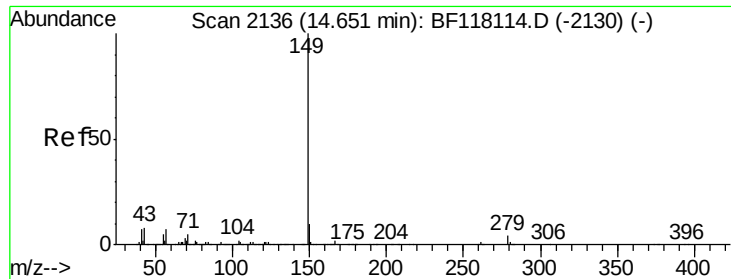


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

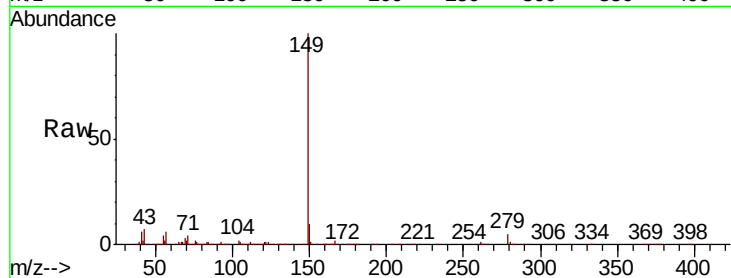




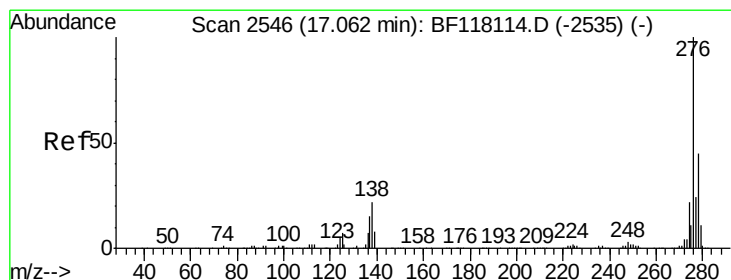
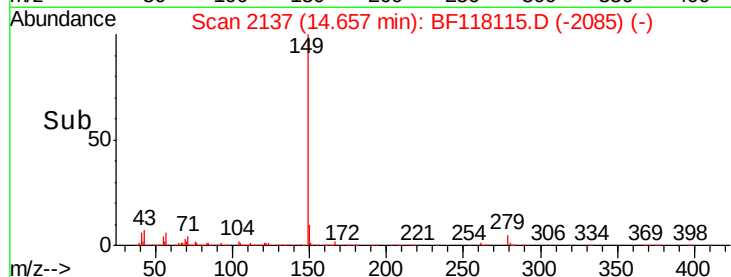
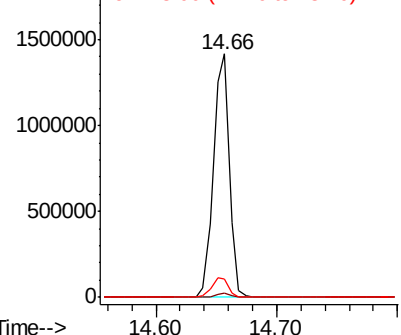
#85
Di-n-octyl phthalate
Concen: 57.664 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1290379
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.1 6.5 9.7

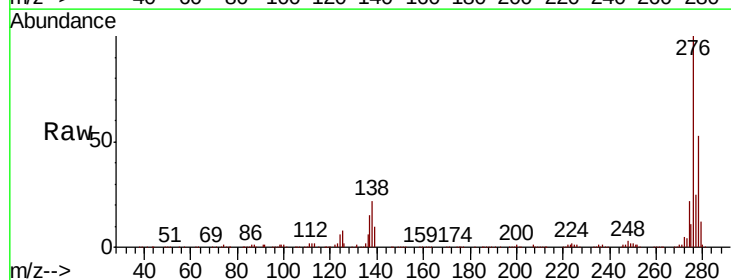


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

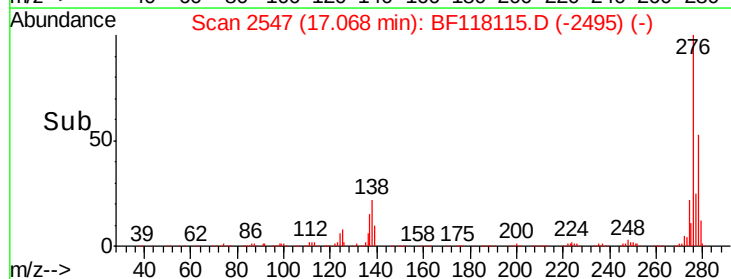
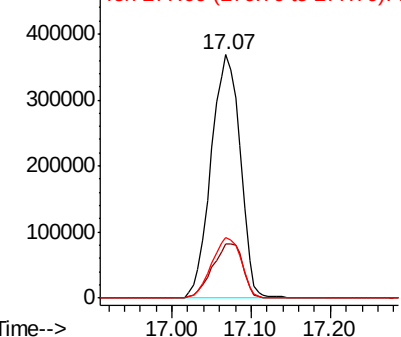


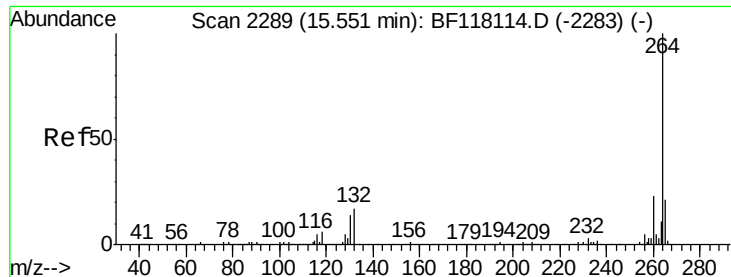
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.497 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:276 Resp: 936964
Ion Ratio Lower Upper
276 100
138 23.5 18.9 28.3
277 25.3 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: BF118115.D

Acq: 6 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

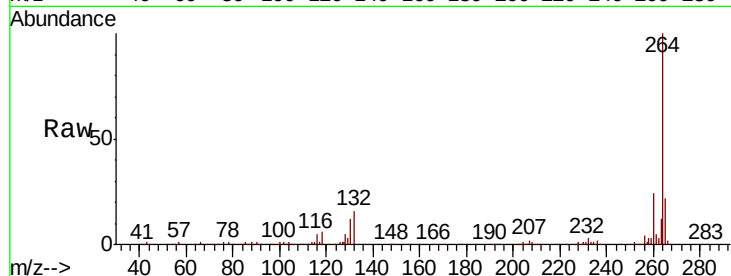
Tot Ion:264 Resp: 311989

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

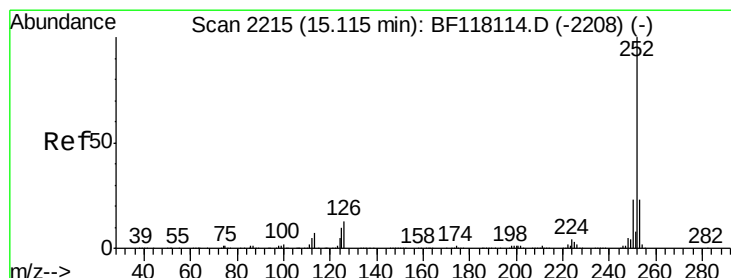
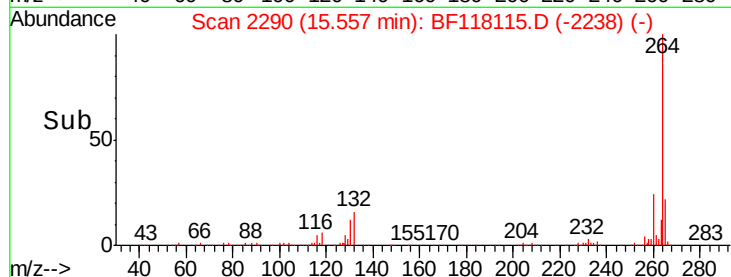
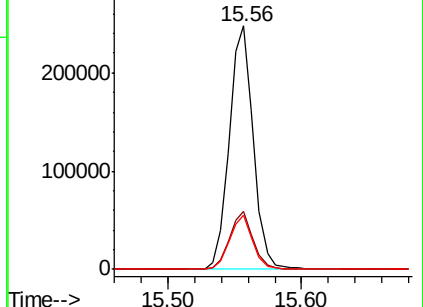
265 22.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.784 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF118115.D

Acq: 6 Dec 2019 15:27

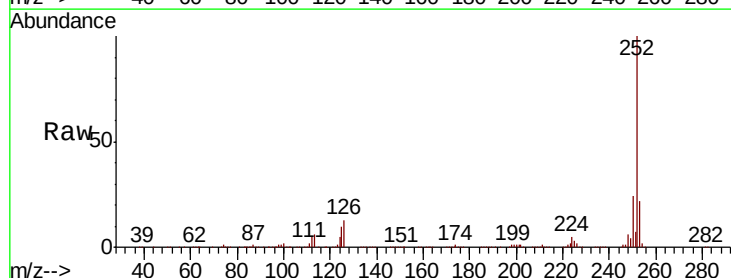
Tgt Ion:252 Resp: 1029388

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

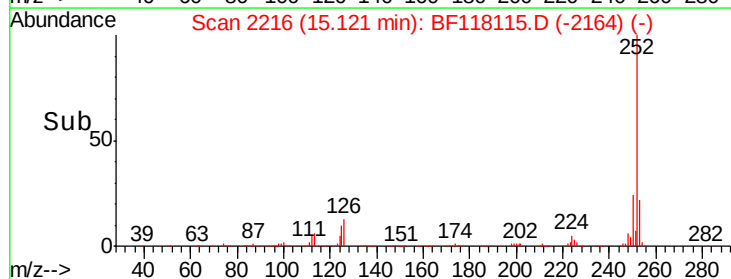
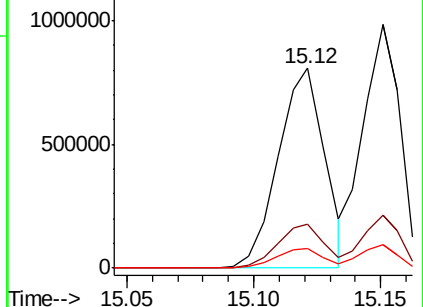
125 10.0 8.3 12.5

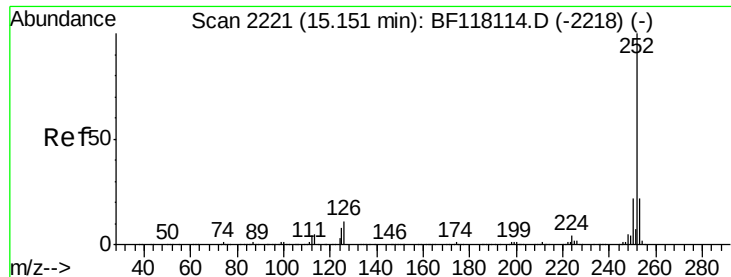


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

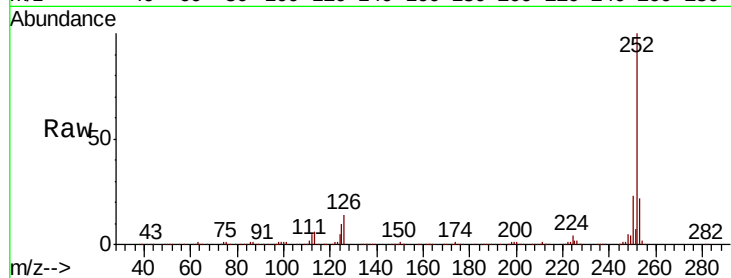




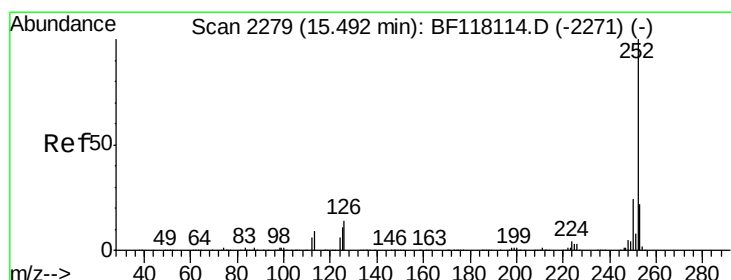
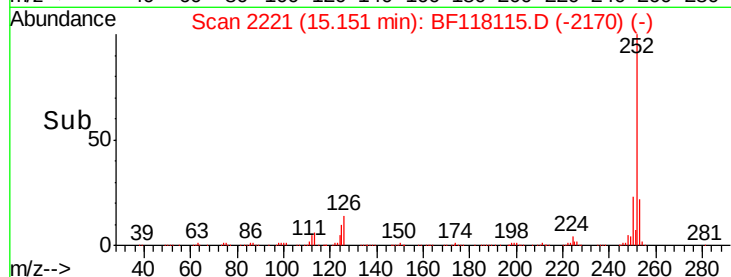
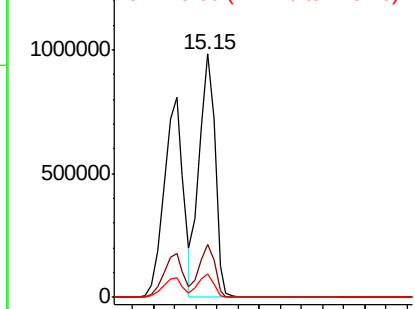
#89
Benzo(k)fluoranthene
Concen: 53.100 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1014162
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.9 6.7 10.1

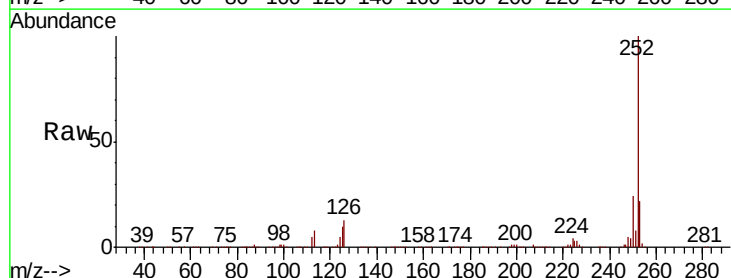


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

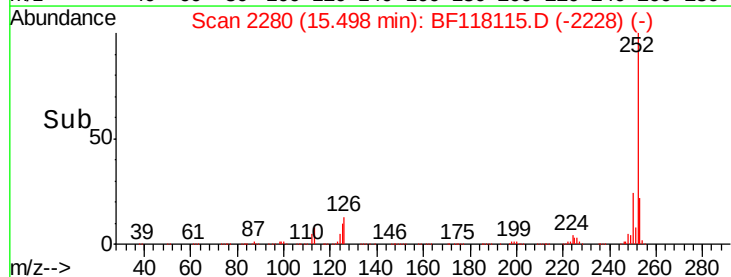
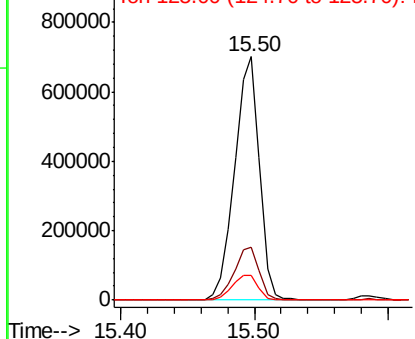


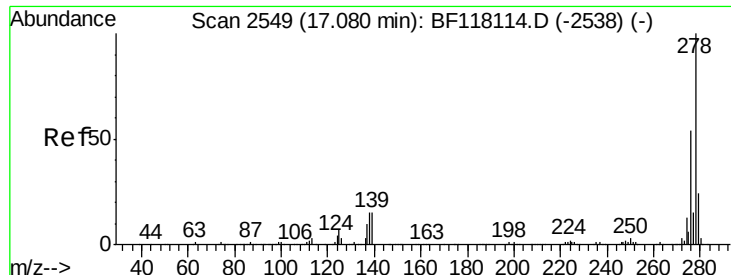
#90
Benzo(a)pyrene
Concen: 51.007 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion:252 Resp: 909171
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.0 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

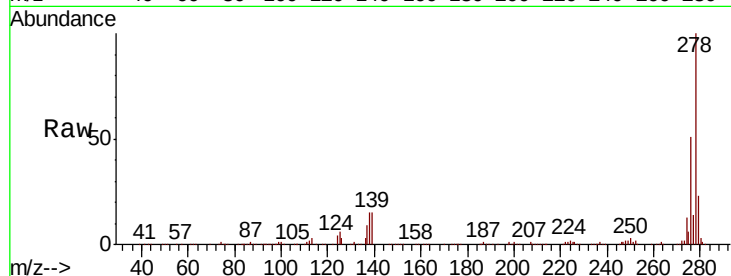




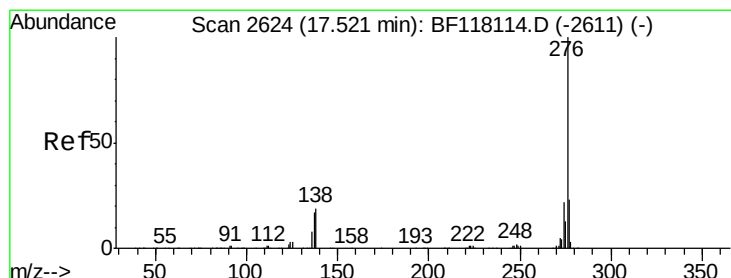
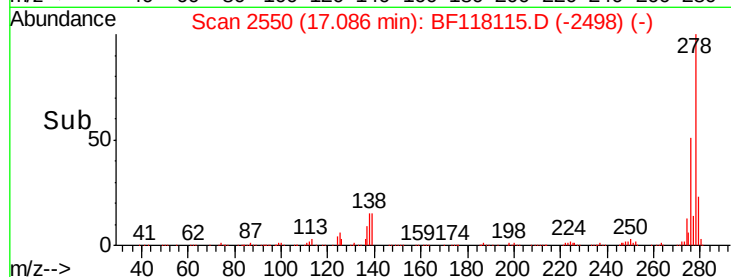
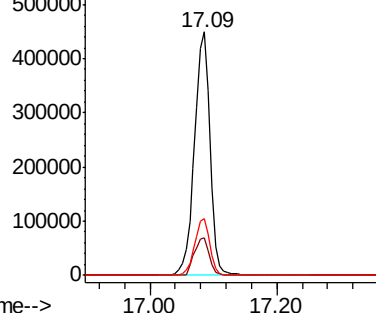
#91
Dibenzo(a,h)anthracene
Concen: 49.922 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	23.3	19.0	28.4

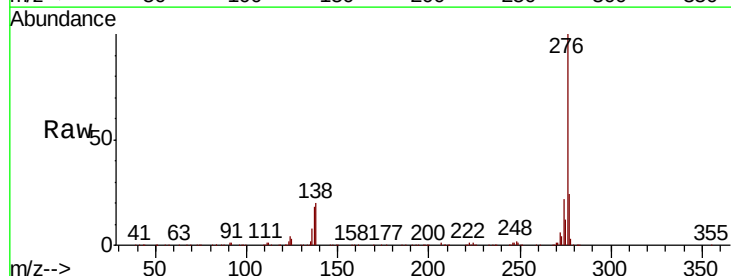


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.015 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118115.D
Acq: 6 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	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

