

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118122.D
 Acq On : 7 Dec 2019 12:00
 Operator : JU
 Sample : PB125281BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:41:36 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 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181967	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	775625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	409900	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	759320	20.00	ng	0.00
76) Chrysene-d12	14.06	240	527648	20.00	ng	0.00
87) Perylene-d12	15.55	264	320283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1130904	108.85	ng	0.01
7) Phenol-d6	6.51	99	1382167	109.99	ng	0.01
23) Nitrobenzene-d5	7.43	82	722543	52.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	499603	100.33	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1480005	54.94	ng	0.00
79) Terphenyl-d14	13.00	244	1702119	55.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	110115	25.136	ng	97
3) Pyridine	3.47	79	254651	22.531	ng	100
4) n-Nitrosodimethylamine	3.41	42	169776	34.918	ng	95
6) Aniline	6.53	93	395002	24.573	ng	99
8) 2-Chlorophenol	6.66	128	468056	39.954	ng	97
9) Benzaldehyde	6.42	77	67094	5.499	ng	96
10) Phenol	6.52	94	544646	38.005	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	413657	39.910	ng	97
12) 1,3-Dichlorobenzene	6.81	146	446003	32.590	ng	98
13) 1,4-Dichlorobenzene	6.89	146	466110	33.824	ng	99
14) 1,2-Dichlorobenzene	7.04	146	449693	34.749	ng	97
15) Benzyl Alcohol	7.02	79	394110	40.177	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	459486	36.870	ng	98
17) 2-Methylphenol	7.13	107	369414	39.647	ng	98
18) Hexachloroethane	7.38	117	170546	33.587	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	295782	38.735	ng	99
20) 3+4-Methylphenols	7.28	107	461370	39.421	ng	92
22) Acetophenone	7.28	105	626148	33.602	ng	99
24) Nitrobenzene	7.46	77	463038	34.184	ng	97
25) Isophorone	7.70	82	826690	35.371	ng	100
26) 2-Nitrophenol	7.77	139	264573	36.543	ng	93
27) 2,4-Dimethylphenol	7.81	122	398435	41.258	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	507370	33.222	ng	99
29) 2,4-Dichlorophenol	8.02	162	393262	34.931	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	427370	32.482	ng	99
31) Naphthalene	8.18	128	1326442	34.052	ng	99
32) Benzoic acid	7.95	122	324877	37.258	ng	95
33) 4-Chloroaniline	8.23	127	345755	20.557	ng	98
34) Hexachlorobutadiene	8.29	225	250234	31.717	ng	99
35) Caprolactam	8.61	113	61670	17.763	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	420615	35.502	ng	98
37) 2-Methylnaphthalene	8.87	142	918991	34.848	ng	99
38) 1-Methylnaphthalene	8.97	142	852453	34.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	405155	32.628	ng	99

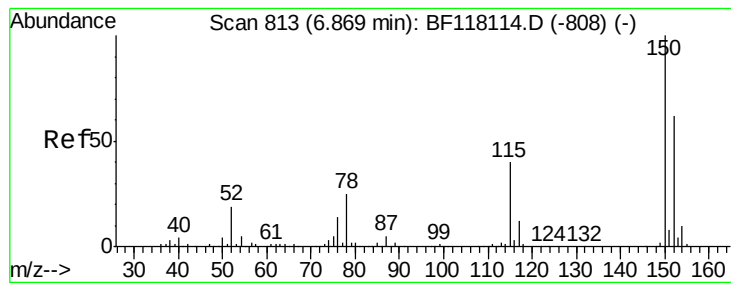
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118122.D
 Acq On : 7 Dec 2019 12:00
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304603	54.750	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	288929	34.849	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	307410	35.788	ng	97
46) 1,1'-Biphenyl	9.34	154	1095217	33.878	ng	98
47) 2-Chloronaphthalene	9.36	162	856639	32.941	ng	98
48) 2-Nitroaniline	9.46	65	244848	33.016	ng	97
49) Acenaphthylene	9.78	152	1332305	34.735	ng	100
50) Dimethylphthalate	9.64	163	1018409	33.636	ng	98
51) 2,6-Dinitrotoluene	9.70	165	229782	34.902	ng	98
52) Acenaphthene	9.95	154	785225	33.541	ng	100
53) 3-Nitroaniline	9.87	138	179774	23.203	ng	99
54) 2,4-Dinitrophenol	9.99	184	249291	76.110	ng	94
55) Dibenzofuran	10.13	168	1185735	34.566	ng	100
56) 4-Nitrophenol	10.05	139	375905	69.911	ng	98
57) 2,4-Dinitrotoluene	10.11	165	310578	35.344	ng	97
58) Fluorene	10.47	166	931650	34.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	256104	36.139	ng	99
60) Diethylphthalate	10.34	149	1027977	34.461	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	464959	33.898	ng	95
62) 4-Nitroaniline	10.49	138	223186	27.620	ng	98
63) Azobenzene	10.62	77	876059	34.402	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	169911	40.519	ng	97
66) n-Nitrosodiphenylamine	10.58	169	823296	34.720	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	293787	33.894	ng	# 92
68) Hexachlorobenzene	11.02	284	338099	33.140	ng	96
69) Atrazine	11.11	200	250316	37.369	ng	98
70) Pentachlorophenol	11.22	266	378096	78.806	ng	99
71) Phenanthrene	11.44	178	1377823	34.134	ng	100
72) Anthracene	11.49	178	1418591	35.230	ng	100
73) Carbazole	11.65	167	1220283	33.777	ng	99
74) Di-n-butylphthalate	11.97	149	1588759	35.138	ng	99
75) Fluoranthene	12.63	202	1420449	34.419	ng	99
77) Benzidine	12.75	184	40995	2.951	ng	99
78) Pyrene	12.86	202	1424331	34.254	ng	100
80) Butylbenzylphthalate	13.47	149	653487	34.702	ng	98
81) Benzo(a)anthracene	14.05	228	1195704	32.772	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	351219	29.311	ng	98
83) Chrysene	14.09	228	1135818	32.590	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	875507	35.258	ng	98
85) Di-n-octyl phthalate	14.65	149	1301542	34.602	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	897165	30.594	ng	100
88) Benzo(b)fluoranthene	15.12	252	960691	45.353	ng	96
89) Benzo(k)fluoranthene	15.14	252	910623	44.750	ng	97
90) Benzo(a)pyrene	15.49	252	791034	42.283	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	768194	47.874	ng	99
92) Benzo(g,h,i)perylene	17.52	276	771928	50.062	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

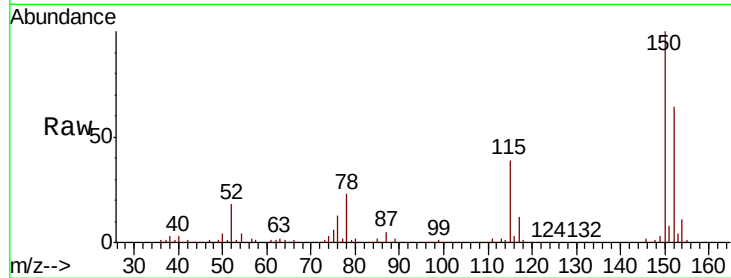
Tot Ion:152 Resp: 181967

Ion Ratio Lower Upper

152 100

150 156.0 128.3 192.5

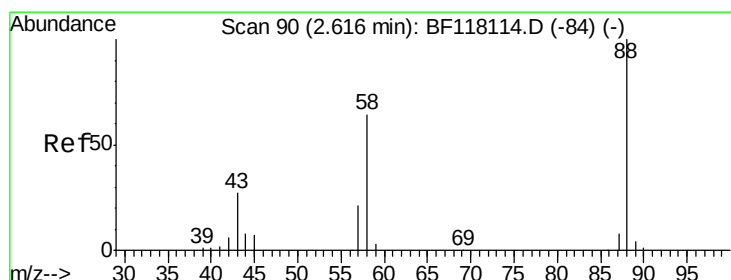
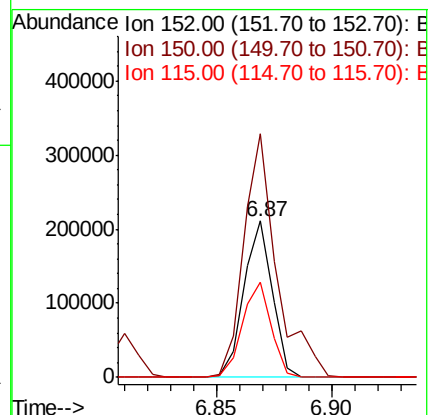
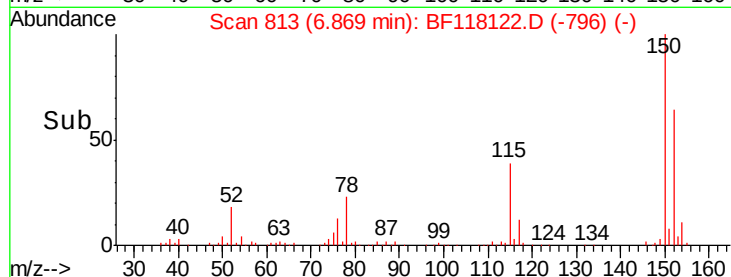
115 61.2 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.136 ng

RT: 2.71 min Scan# 106

Delta R.T. 0.09 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

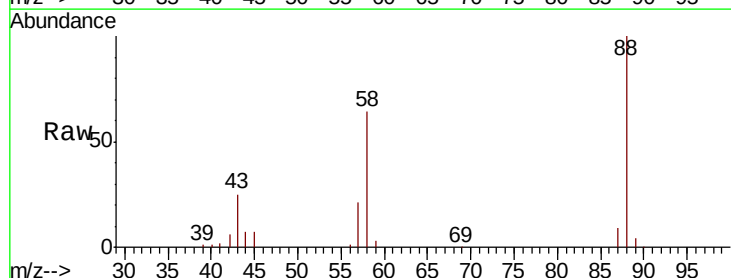
Tgt Ion: 88 Resp: 110115

Ion Ratio Lower Upper

88 100

58 66.7 52.2 78.4

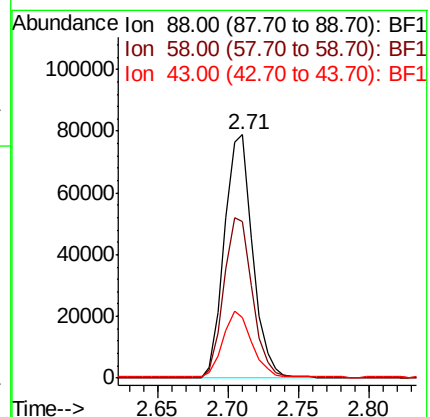
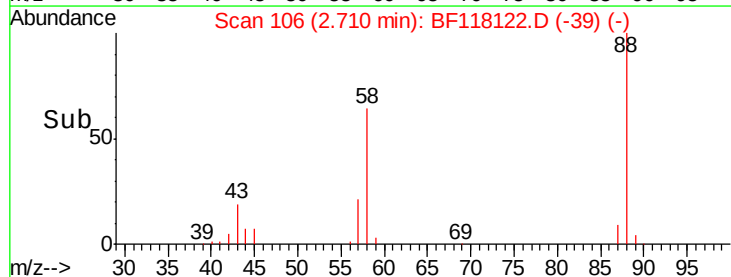
43 29.6 21.4 32.2

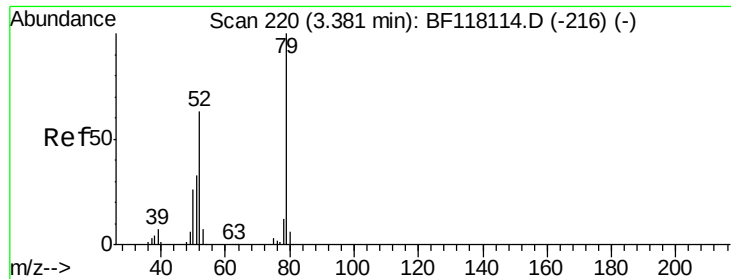


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 22.531 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.09 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

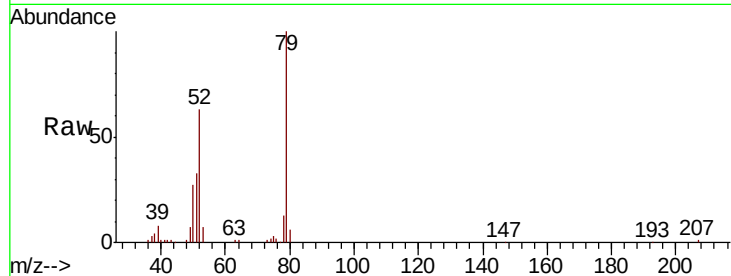
Tot Ion: 79 Resp: 254651

Ion Ratio Lower Upper

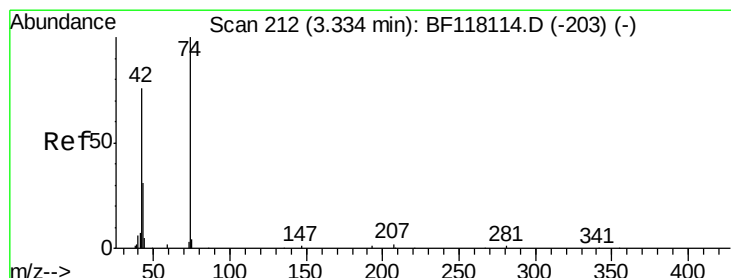
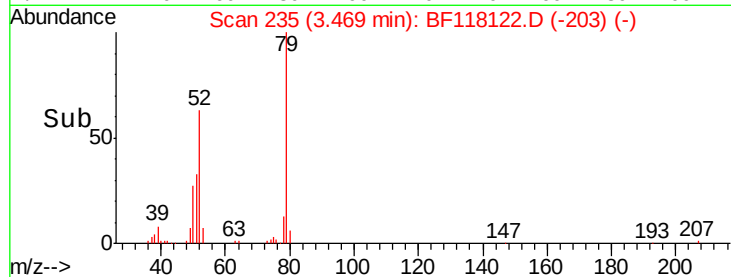
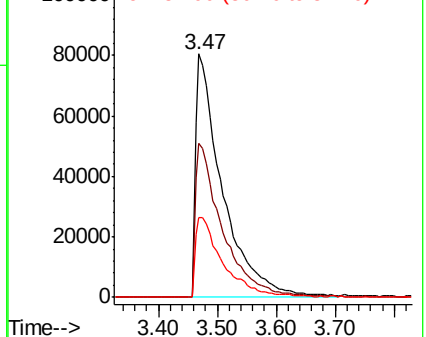
79 100

52 63.2 50.7 76.1

51 32.9 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.918 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

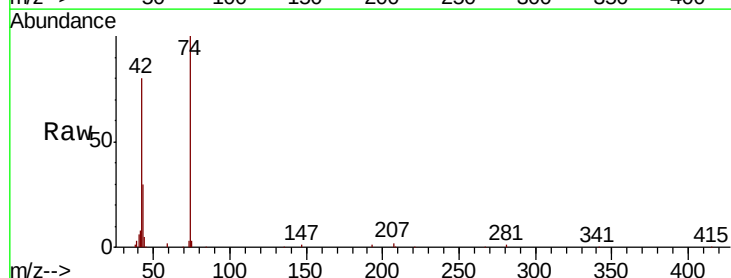
Tgt Ion: 42 Resp: 169776

Ion Ratio Lower Upper

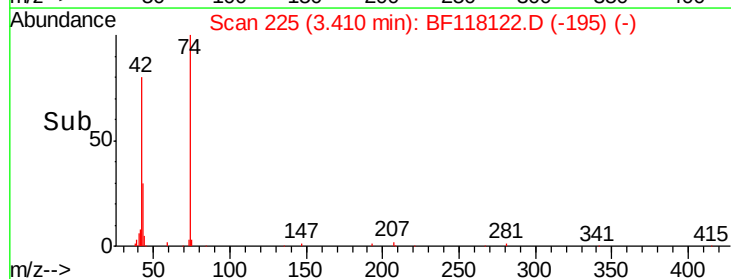
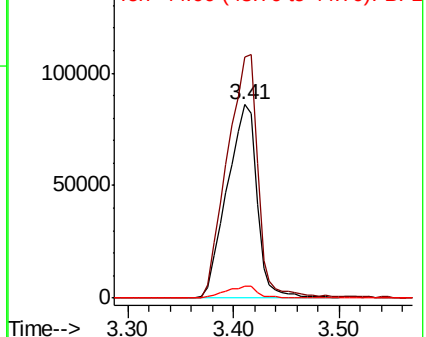
42 100

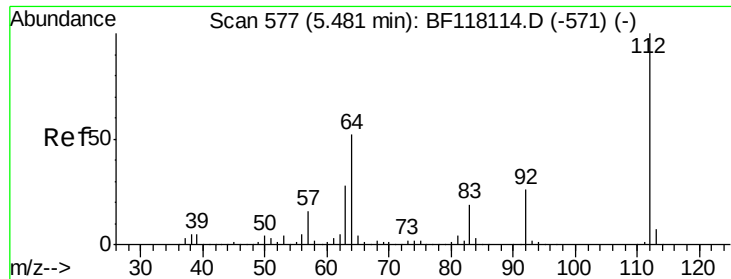
74 124.8 104.6 157.0

44 6.0 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.852 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampled :

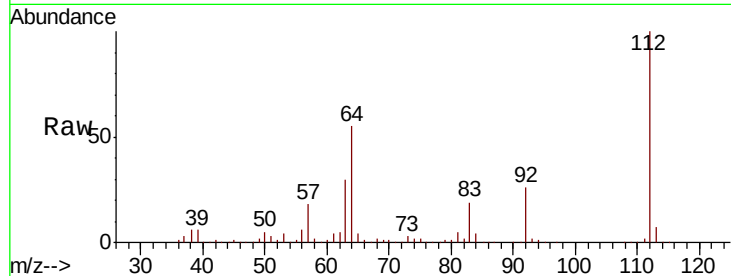
Tot Ion: 112 Resp: 1130904

Ion Ratio Lower Upper

112 100

64 55.0 41.3 61.9

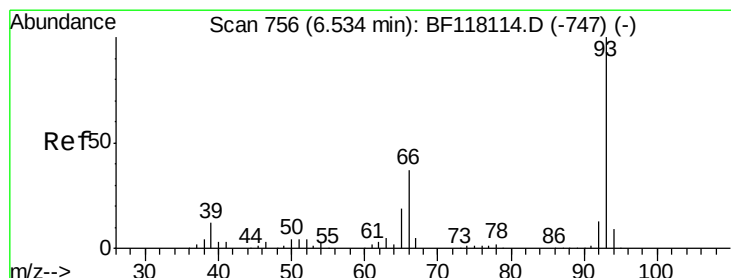
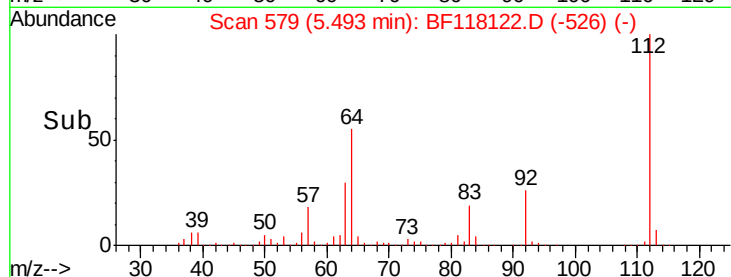
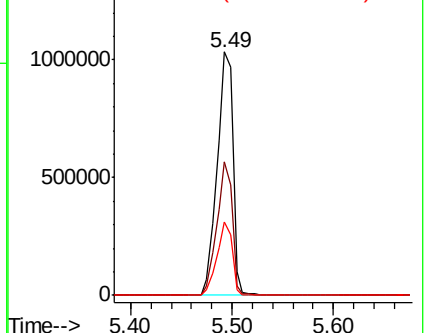
63 30.0 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.573 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

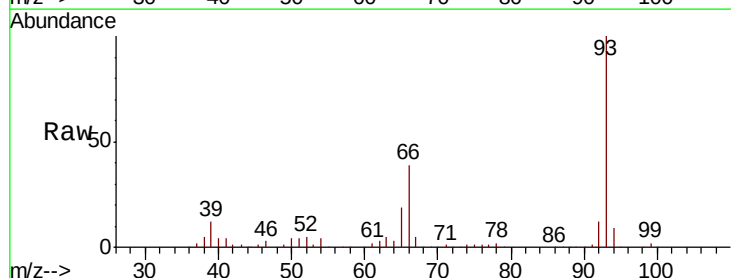
Tgt Ion: 93 Resp: 395002

Ion Ratio Lower Upper

93 100

66 38.6 30.2 45.2

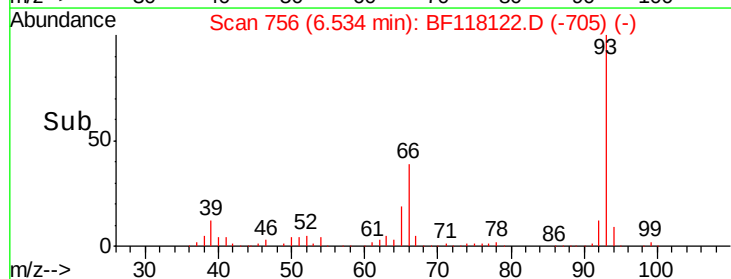
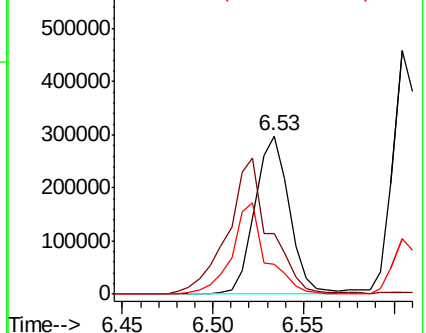
65 19.2 15.5 23.3

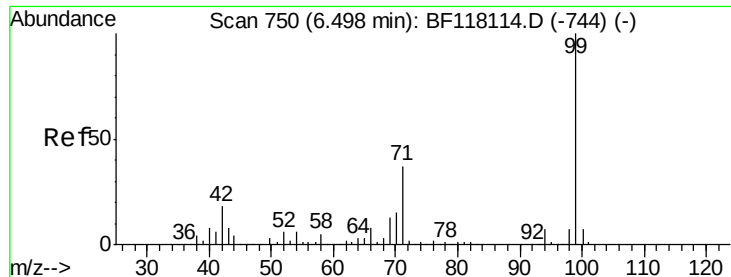


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.990 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

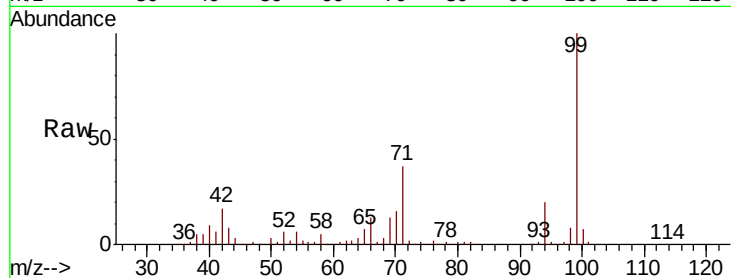
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1382167

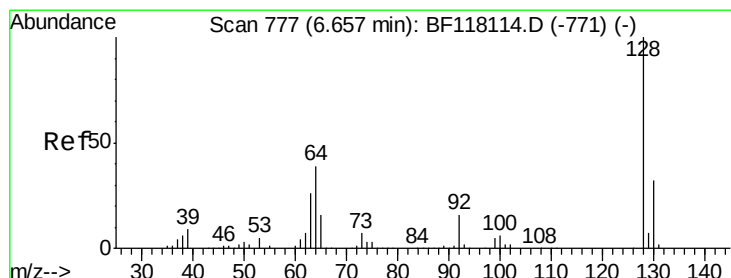
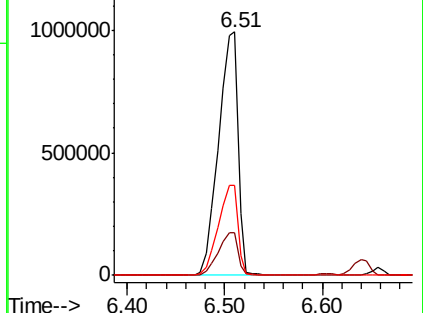
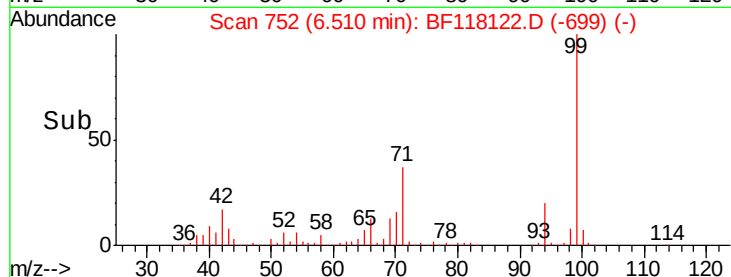
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	36.8	29.7	44.5



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: 39.954 ng

RT: 6.66 min Scan# 777

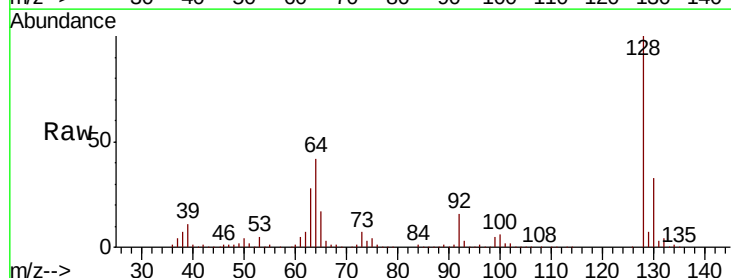
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion: 128 Resp: 468056

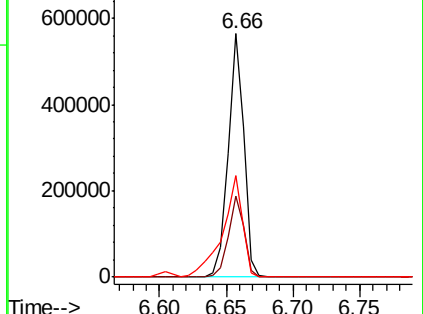
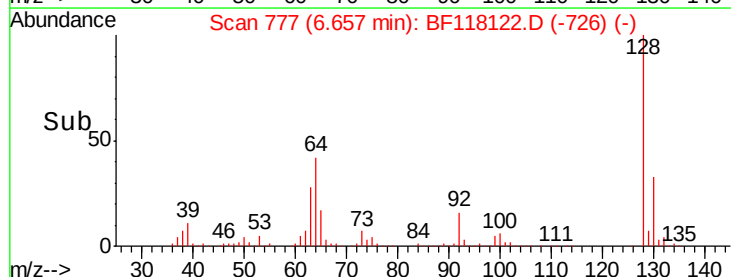
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.1	52.1
64	41.9	19.3	59.3

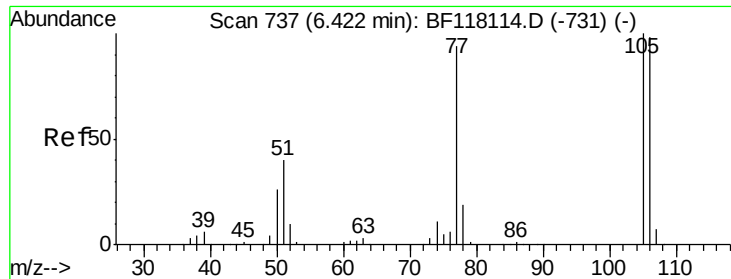


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

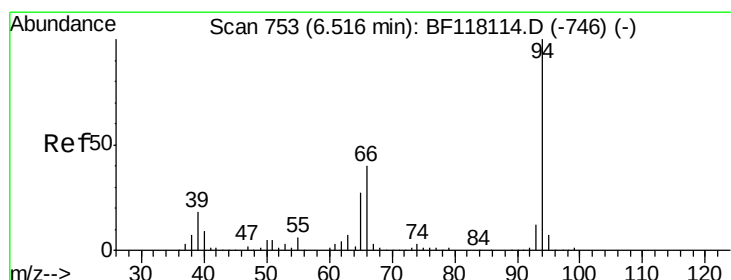
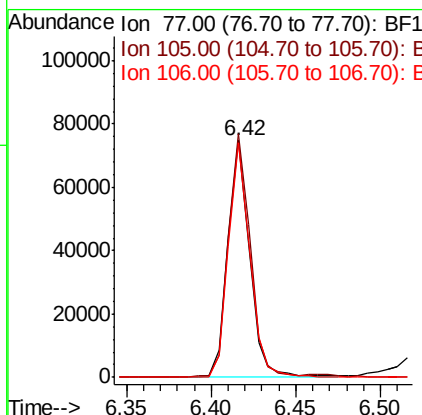
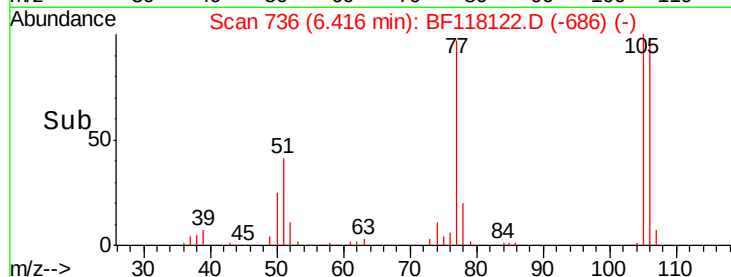
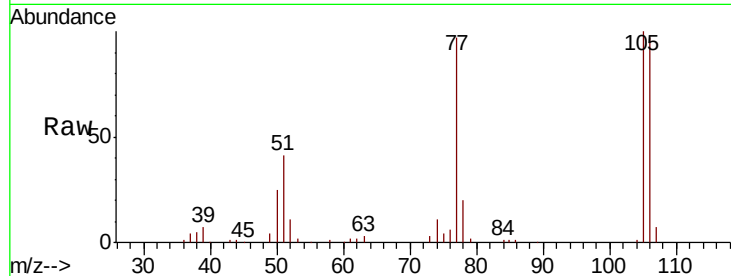




#9
Benzaldehyde
Concen: 5.499 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

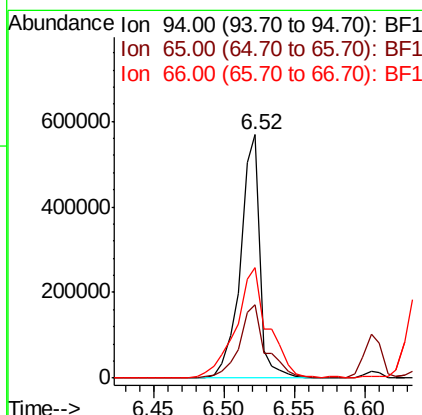
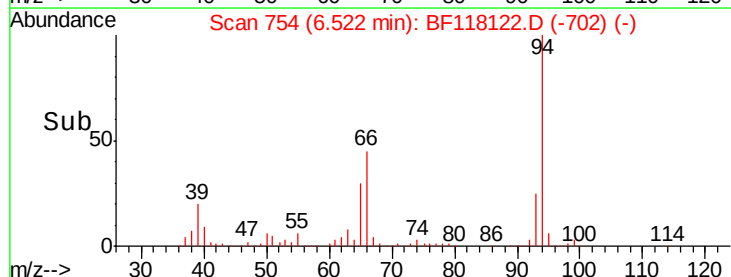
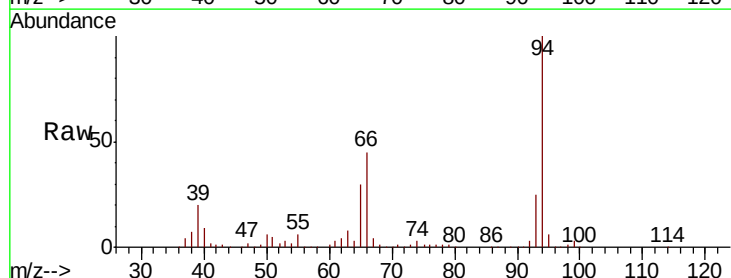
Instrument :
BNA_F
ClientSampled :

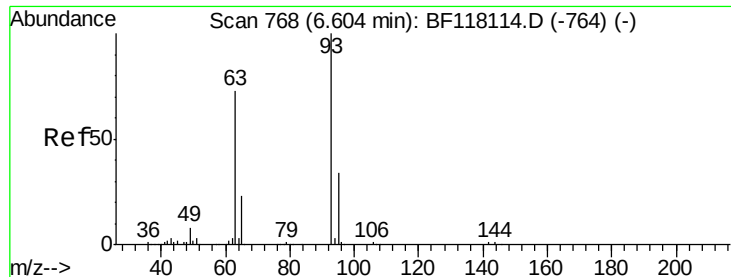
Tot Ion: 77 Resp: 67094
Ion Ratio Lower Upper
77 100
105 102.9 86.4 126.4
106 99.4 83.8 123.8



#10
Phenol
Concen: 38.005 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion: 94 Resp: 544646
Ion Ratio Lower Upper
94 100
65 30.0 7.3 47.3
66 45.2 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 39.910 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

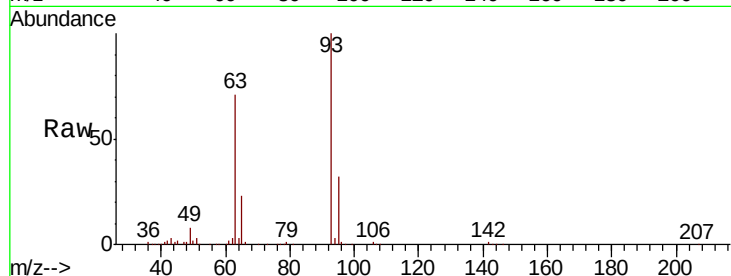
Tot Ion: 93 Resp: 413657

Ion Ratio Lower Upper

93 100

63 70.7 53.2 93.2

95 32.0 13.8 53.8

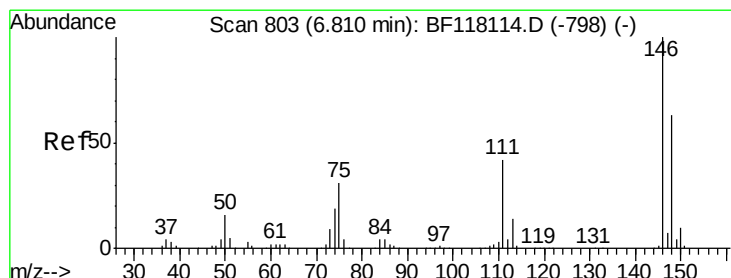
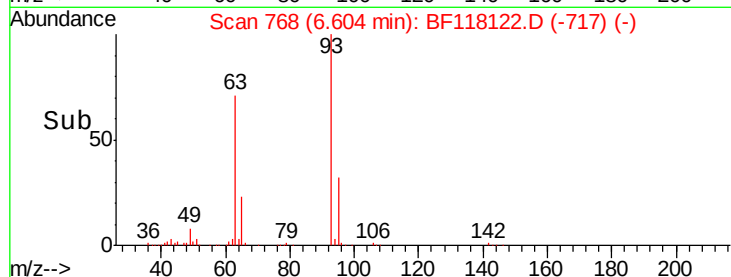
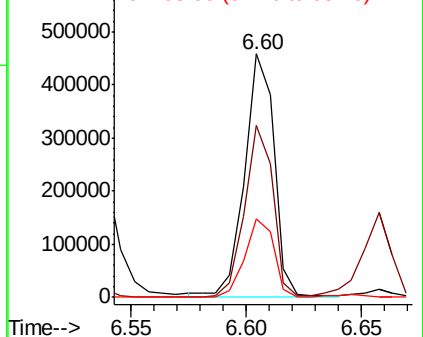


Abundance

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: 32.590 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

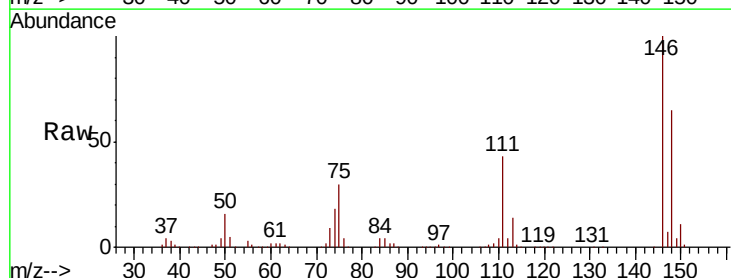
Tgt Ion: 146 Resp: 446003

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.4

75 30.4 24.6 37.0

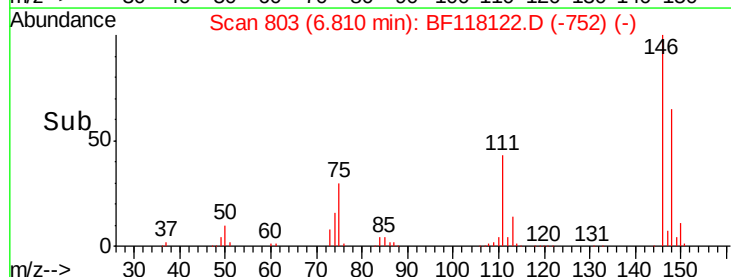
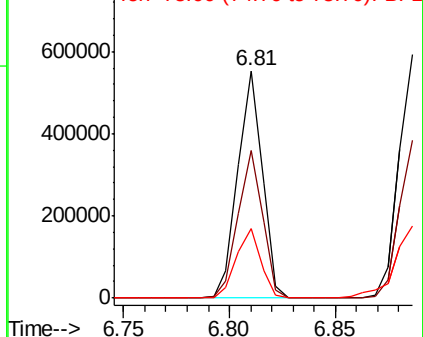


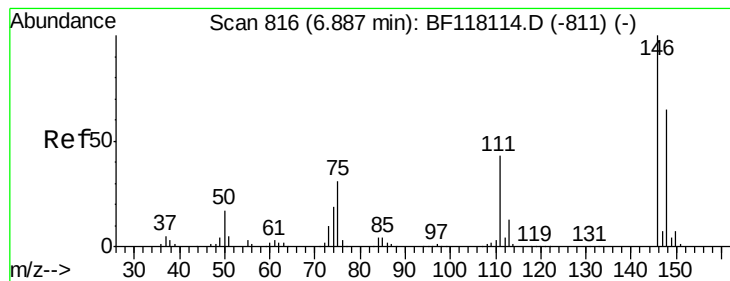
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 33.824 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

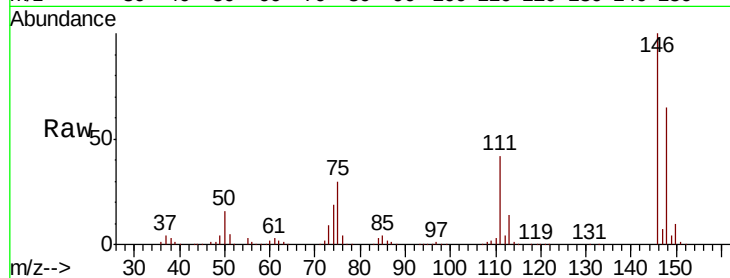
Tot Ion:146 Resp: 466110

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

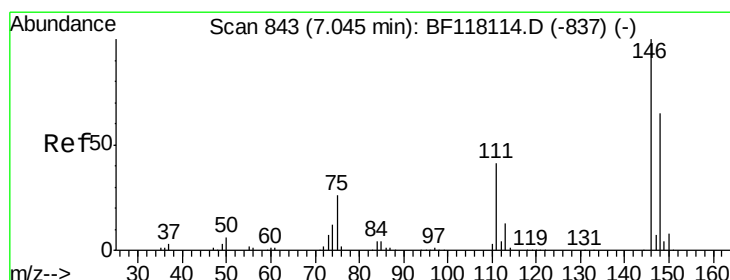
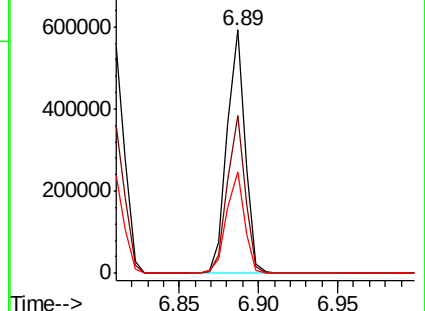
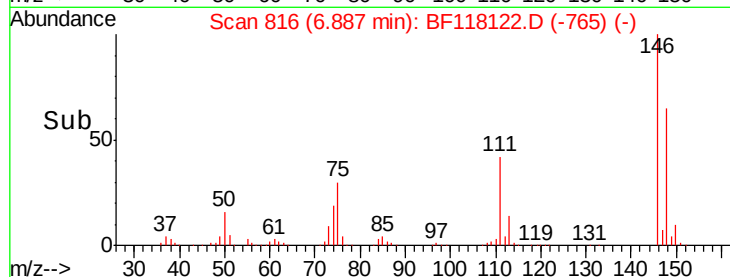
111 41.5 34.6 52.0



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: 34.749 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

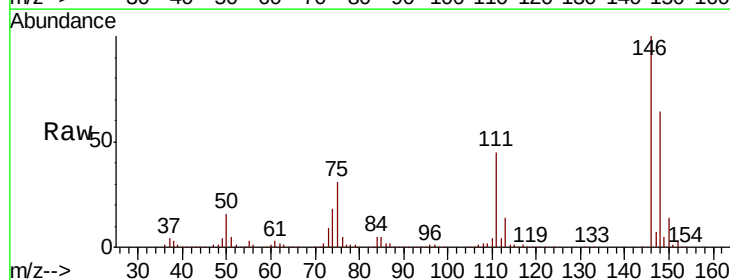
Tgt Ion:146 Resp: 449693

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

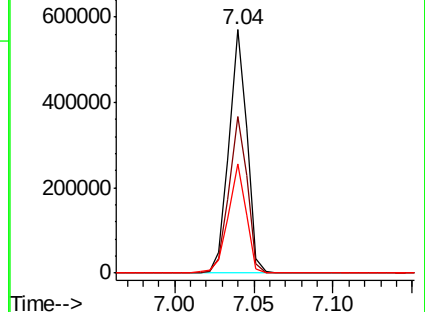
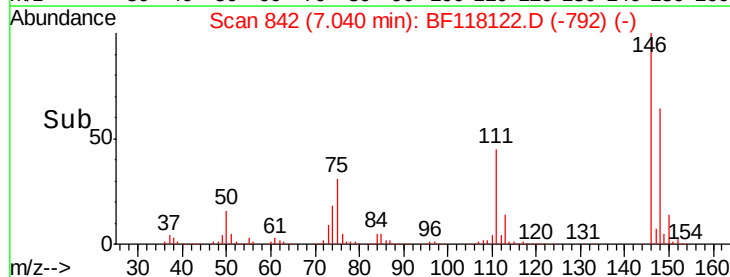
111 44.9 33.1 49.7

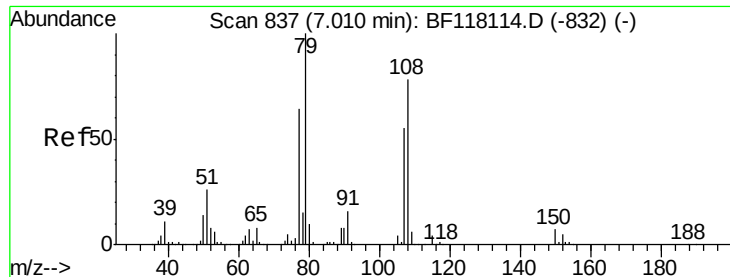


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.177 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampled :

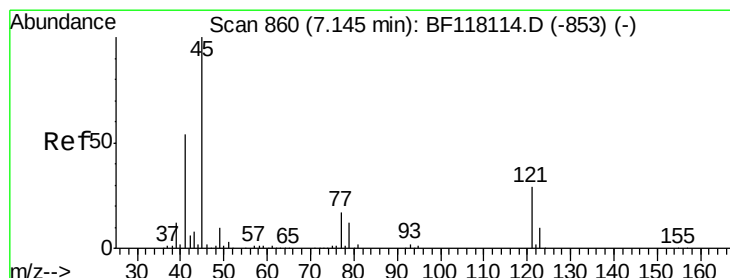
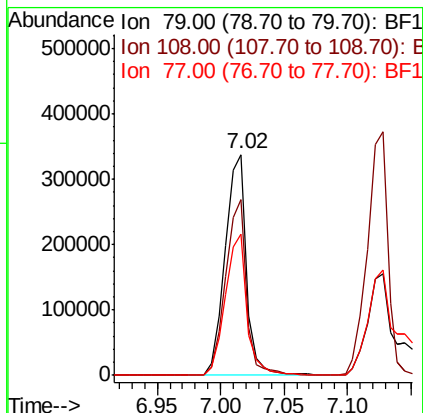
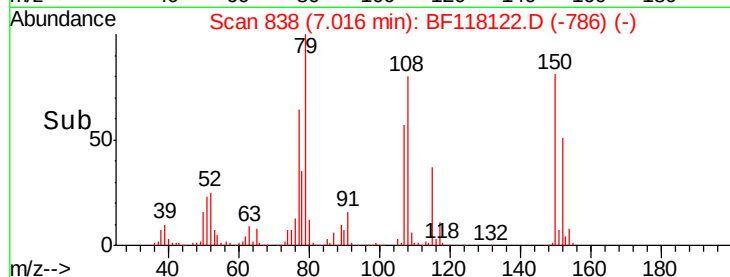
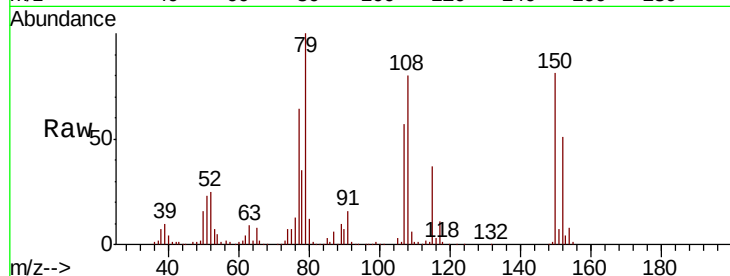
Tot Ion: 79 Resp: 394110

Ion Ratio Lower Upper

79 100

108 79.5 62.7 94.1

77 63.7 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.870 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

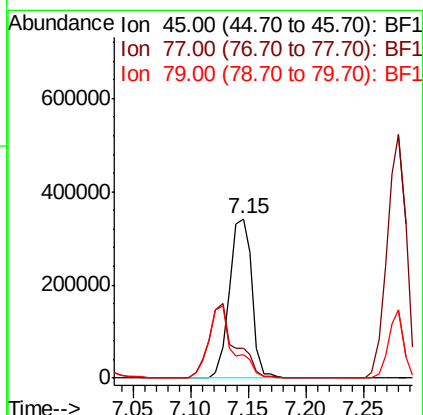
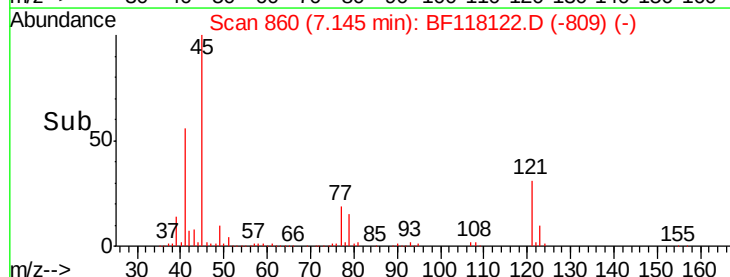
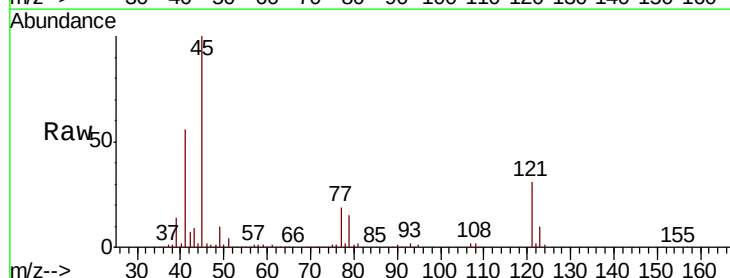
Tgt Ion: 45 Resp: 459486

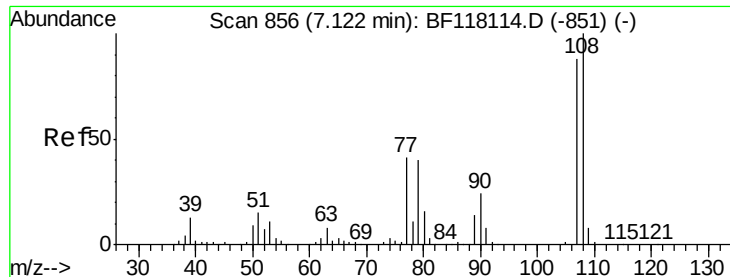
Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.0

79 14.6 0.0 33.2

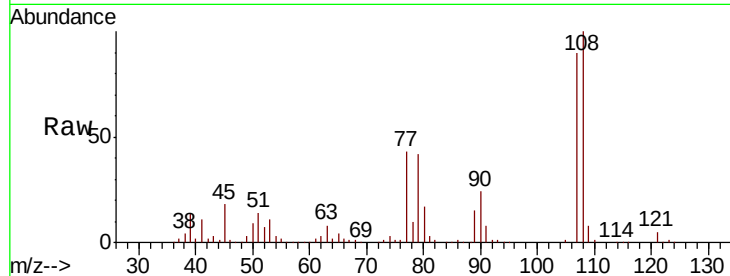




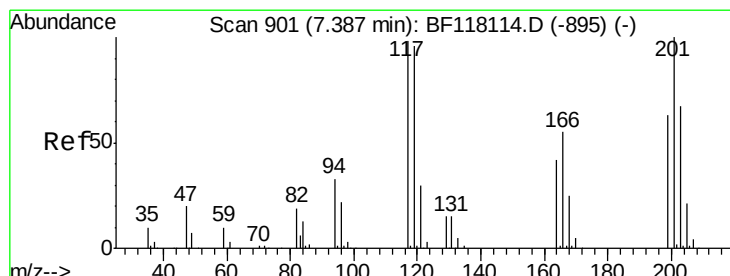
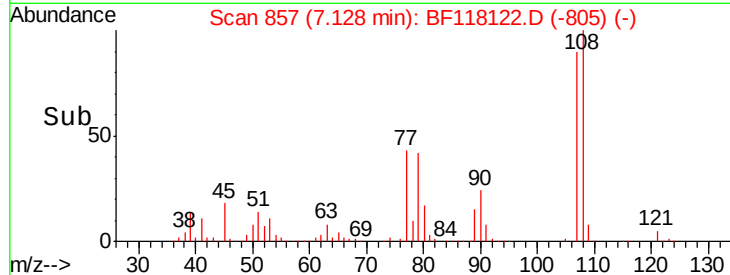
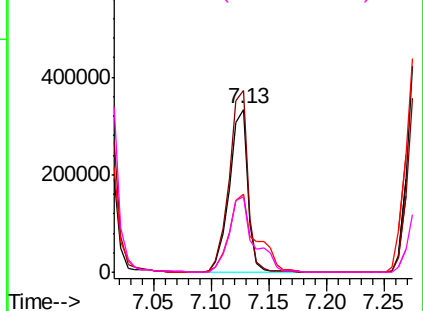
#17
2-Methylphenol
Concen: 39.647 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 369414
Ion Ratio Lower Upper
107 100
108 111.4 91.1 136.7
77 48.2 37.8 56.6
79 46.5 37.0 55.6

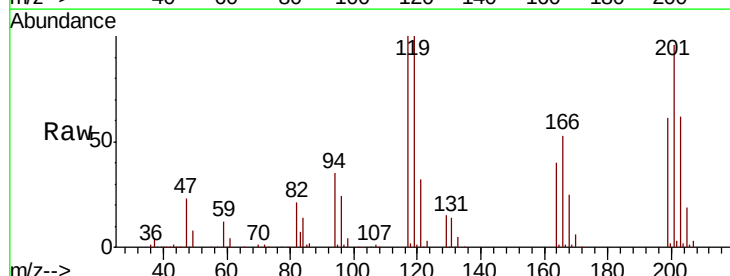


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

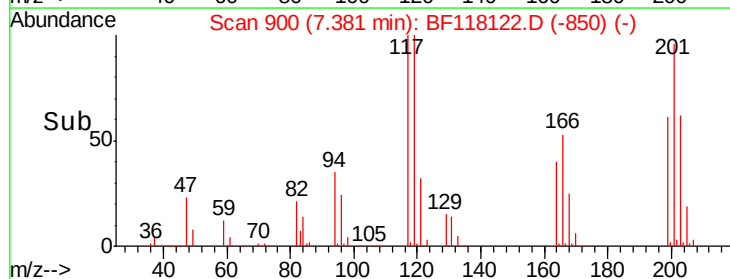
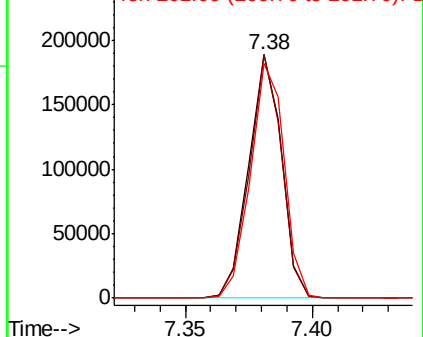


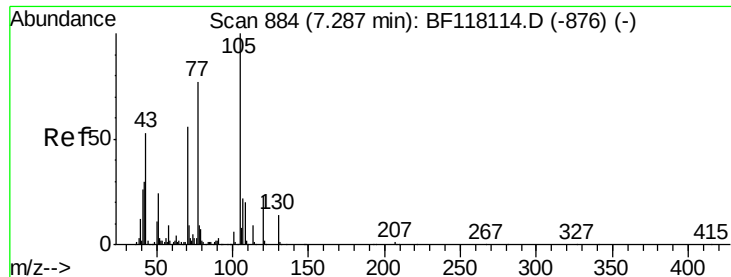
#18
Hexachloroethane
Concen: 33.587 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:117 Resp: 170546
Ion Ratio Lower Upper
117 100
119 100.0 78.2 117.4
201 96.4 81.6 122.4



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

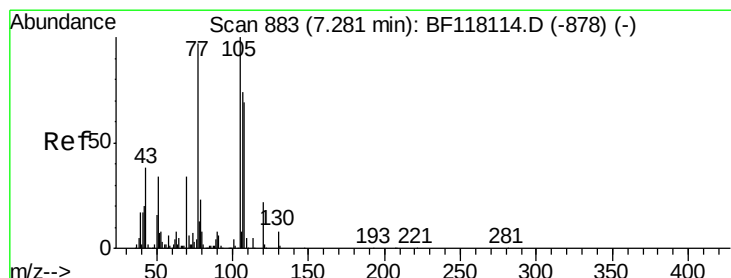
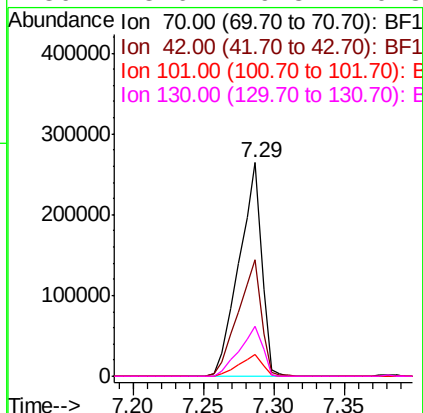
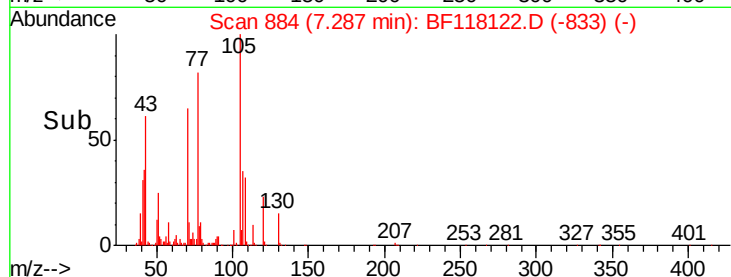
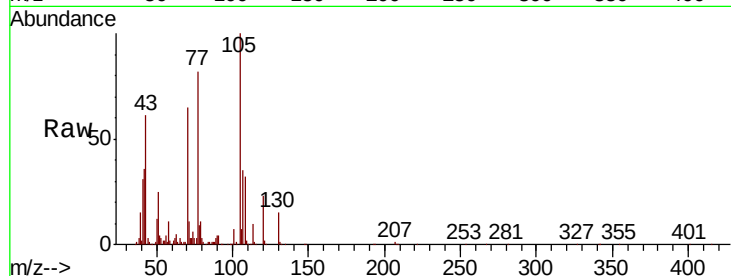




#19
n-Nitroso-di-n-propylamine
Concen: 38.735 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

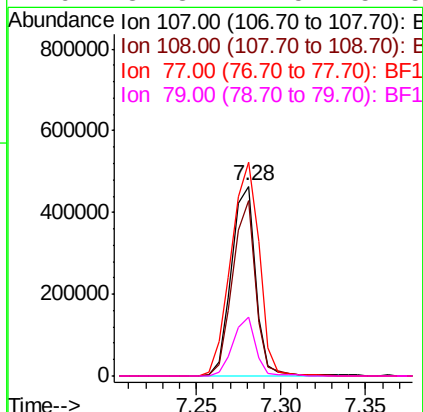
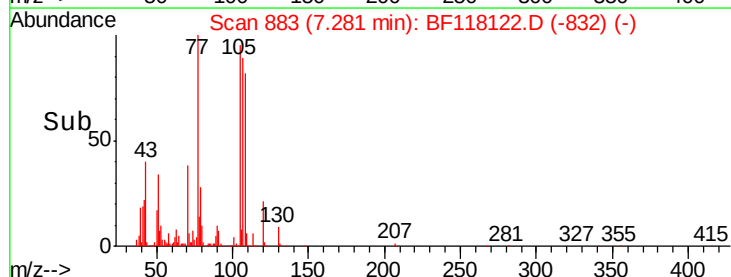
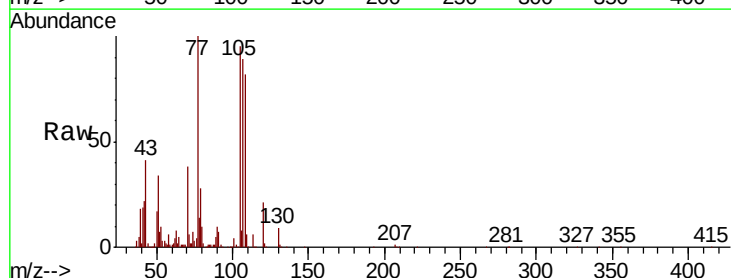
Instrument :
BNA_F
ClientSampleId :

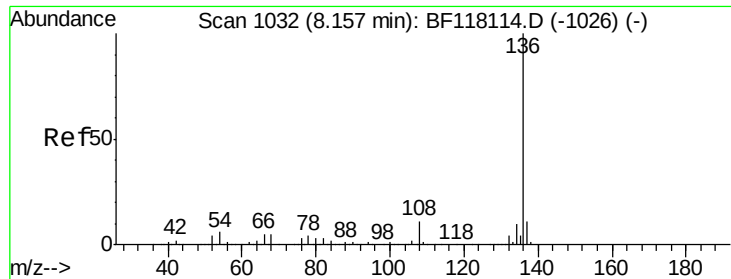
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.2	64.8
101	10.1	8.1	12.1
130	23.6	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.421 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.2	113.2
77	112.5	110.9	150.9
79	31.3	11.5	51.5

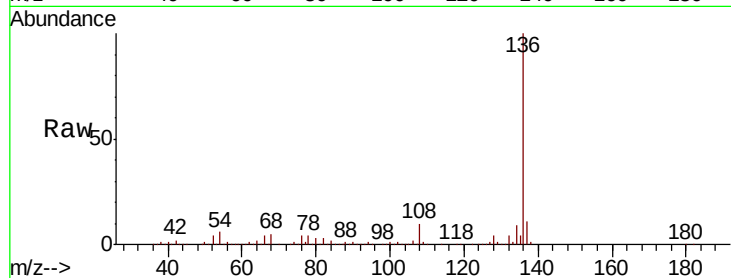




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	775625
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.6
54 6.1	5.0	7.6
68 4.8	3.8	5.8



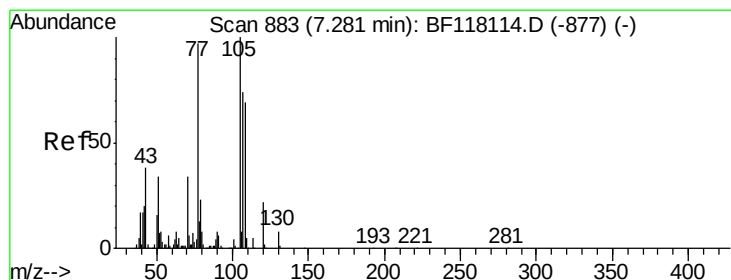
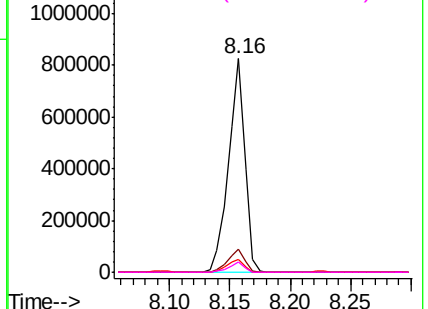
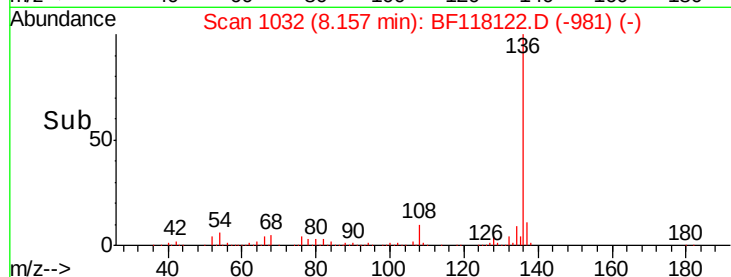
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

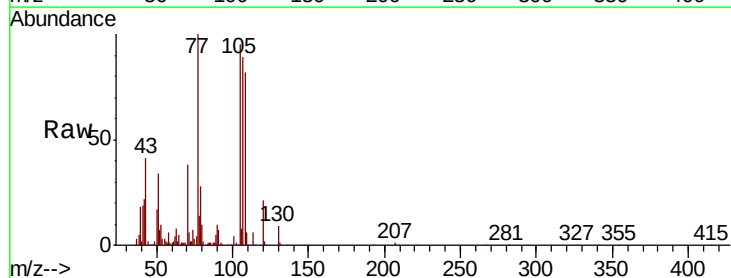
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 33.602 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:105	Resp:	626148	
Ion Ratio	Lower	Upper	
105 100			
71 6.3	4.7	7.1	
51 35.2	27.1	40.7	
120 22.1	17.8	26.6	



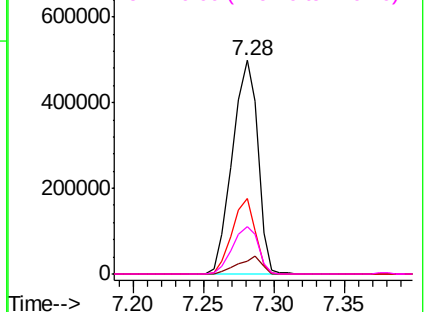
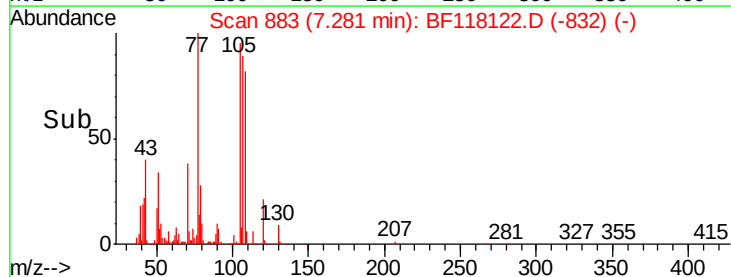
Abundance

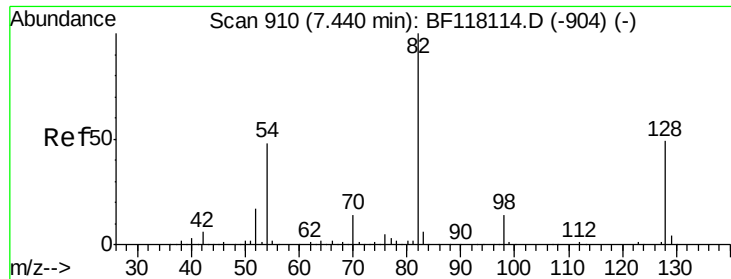
Ion 105.00 (104.70 to 105.70): E

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

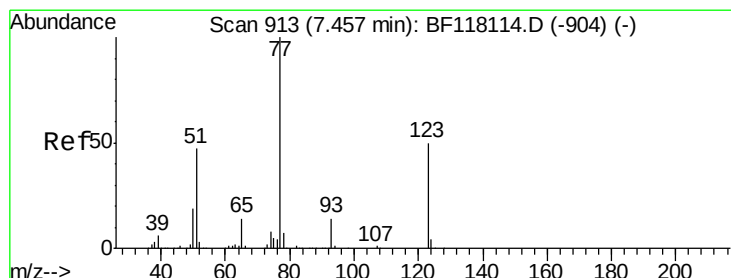
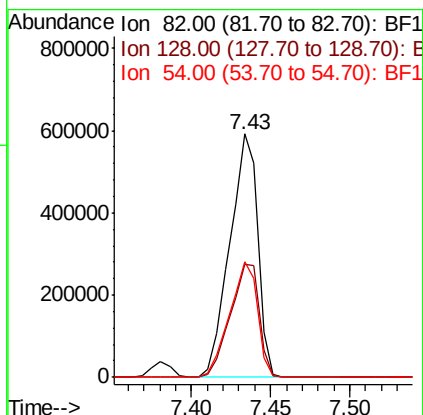
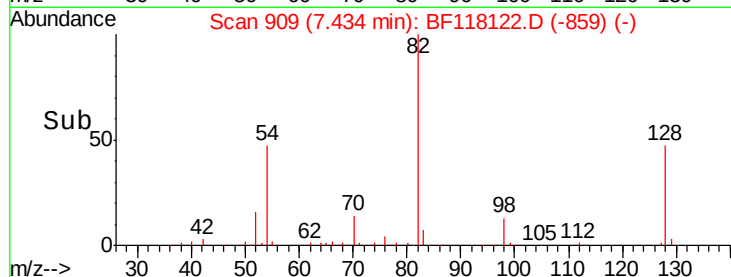
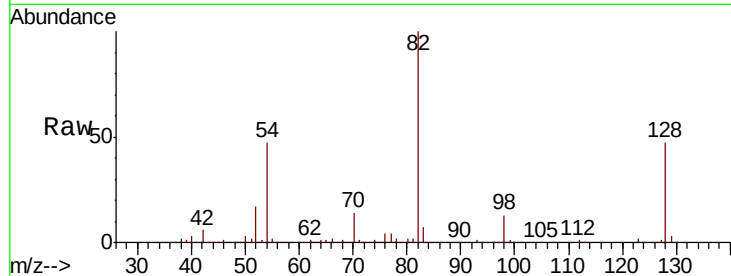




#23
Nitrobenzene-d5
Concen: 52.408 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

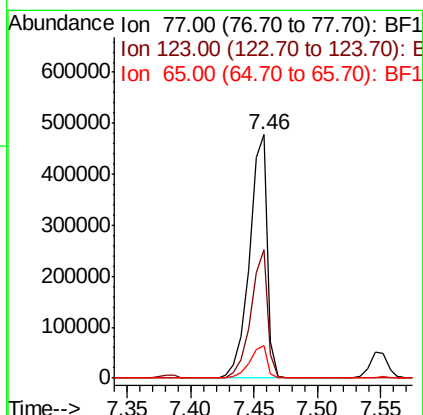
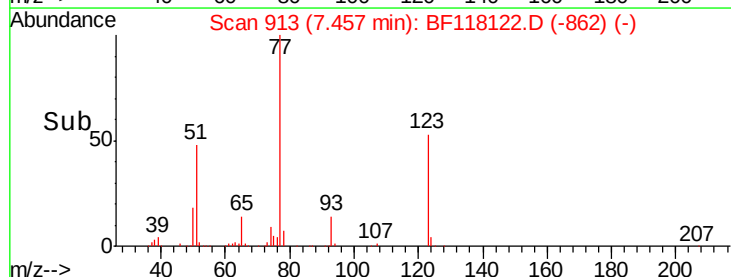
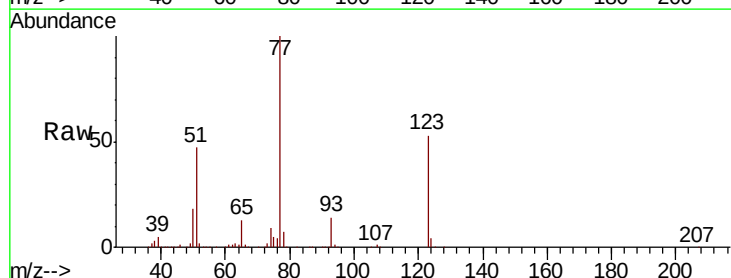
Instrument :
BNA_F
ClientSampleId :

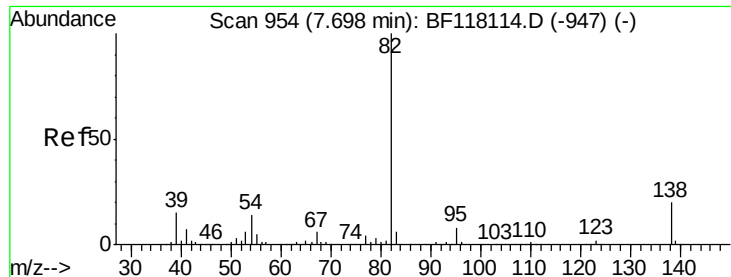
Tot Ion: 82 Resp: 722543
Ion Ratio Lower Upper
82 100
128 46.6 39.1 58.7
54 47.2 38.2 57.2



#24
Nitrobenzene
Concen: 34.184 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion: 77 Resp: 463038
Ion Ratio Lower Upper
77 100
123 52.9 40.1 60.1
65 13.3 10.9 16.3





#25

Isophorone

Concen: 35.371 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

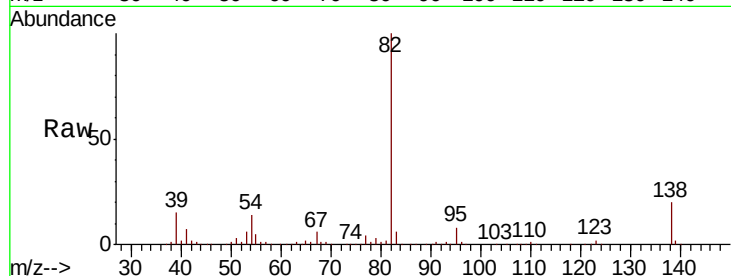
Tot Ion: 82 Resp: 826690

Ion Ratio Lower Upper

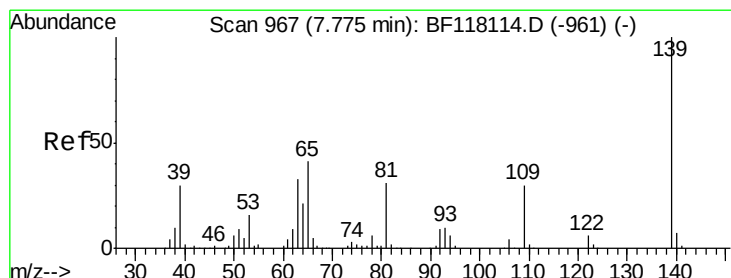
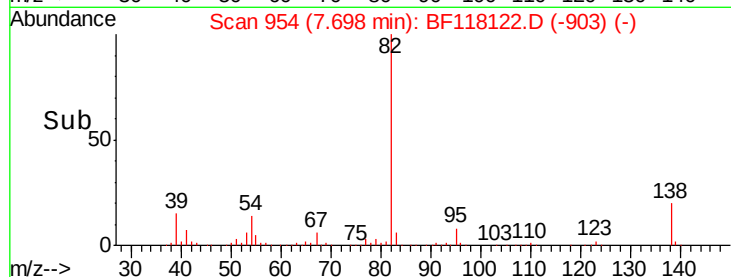
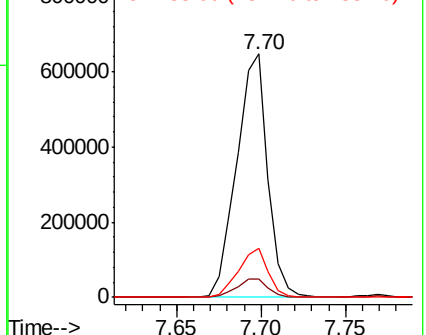
82 100

95 7.8 6.3 9.5

138 20.2 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: 36.543 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

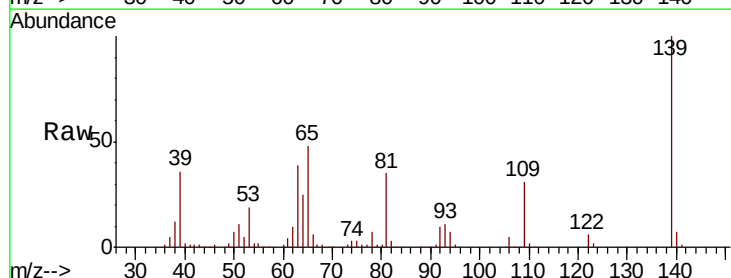
Tgt Ion: 139 Resp: 264573

Ion Ratio Lower Upper

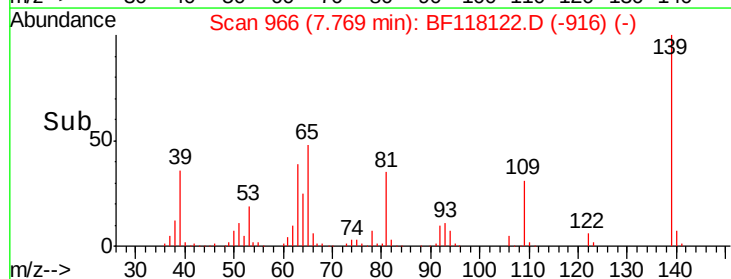
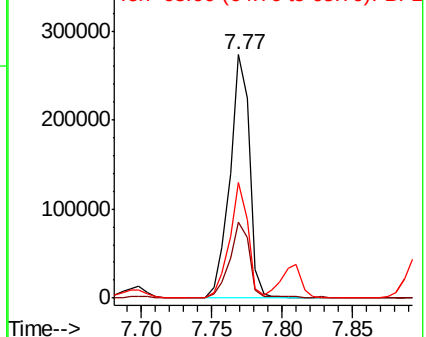
139 100

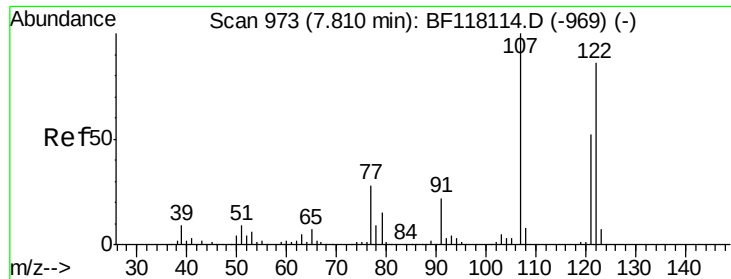
109 31.1 23.9 35.9

65 47.7 33.0 49.6



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

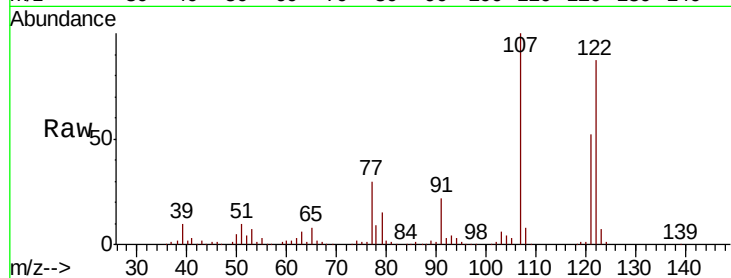




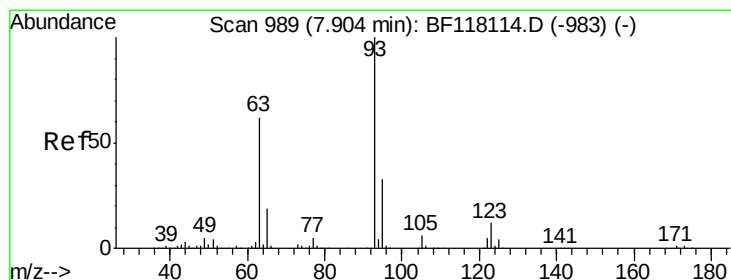
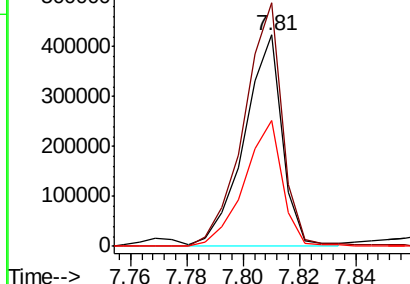
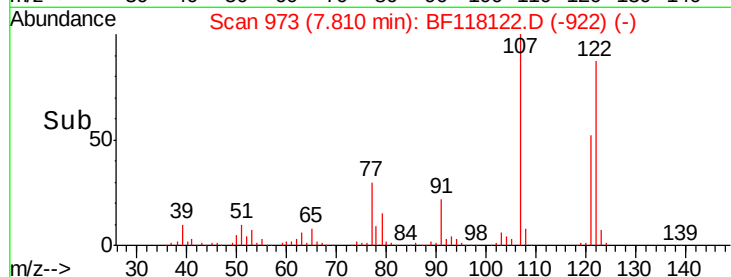
#27
2,4-Dimethylphenol
Concen: 41.258 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.9	139.3
121	59.8	48.3	72.5

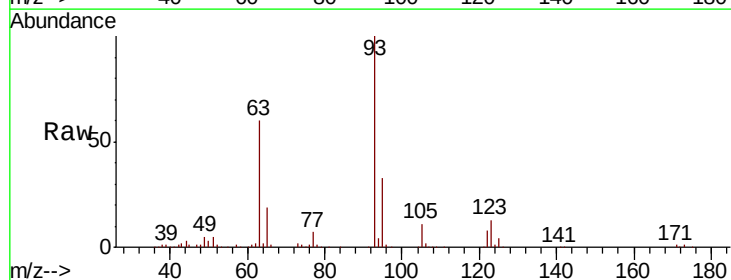


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

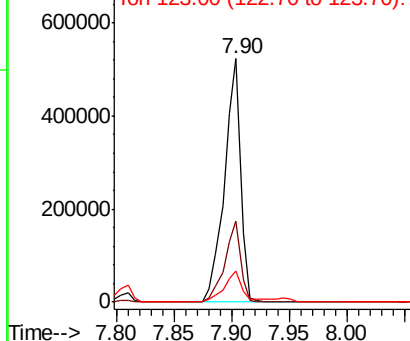
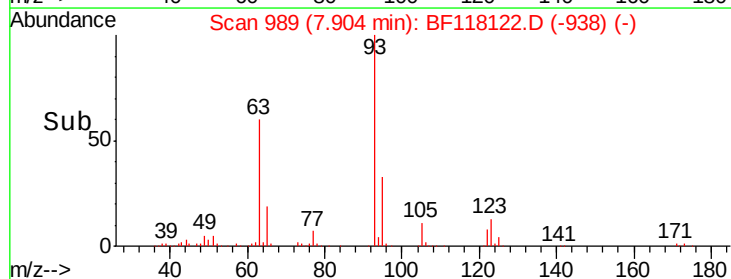


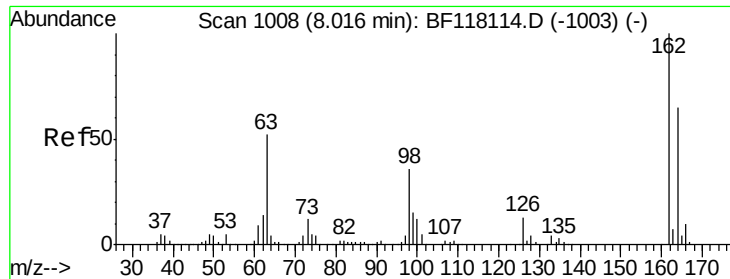
#28
bis(2-Chloroethoxy)methane
Concen: 33.222 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.7	40.1
123	12.7	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

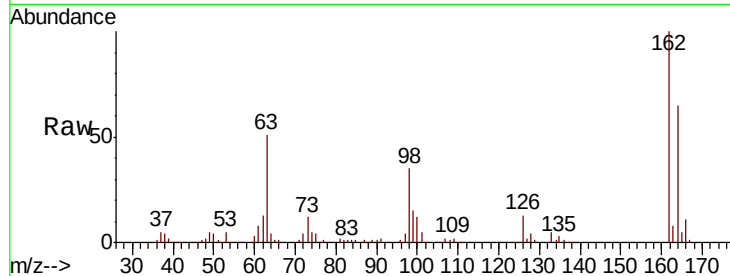




#29
 2,4-Dichlorophenol
 Concen: 34.931 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.2	85.2
98	35.4	15.9	55.9

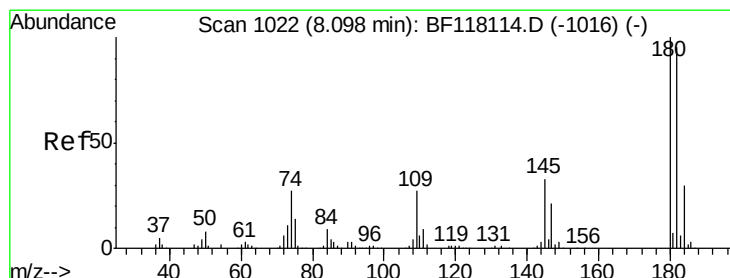
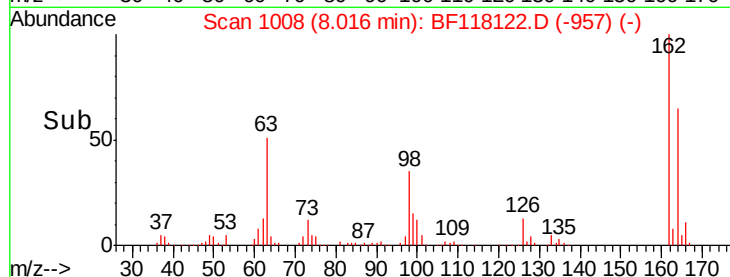
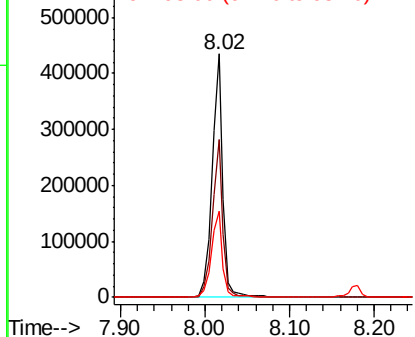


Abundance

Ion 162.00 (161.70 to 162.70): E

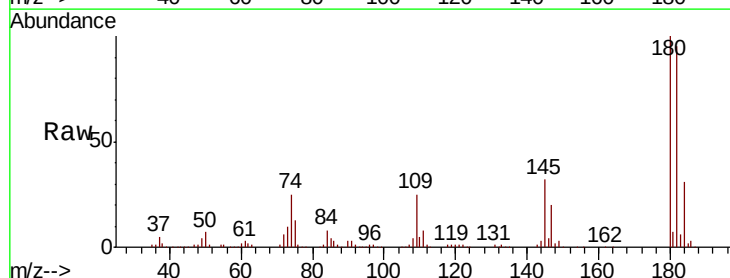
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.482 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.1	114.1
145	32.0	26.1	39.1

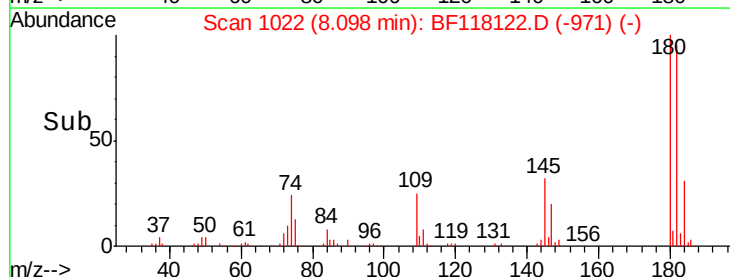
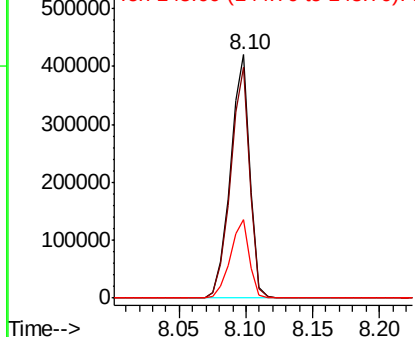


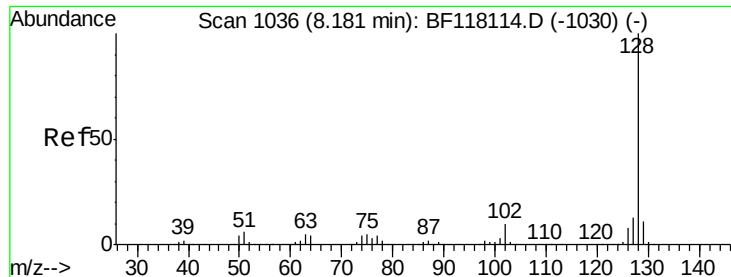
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.052 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

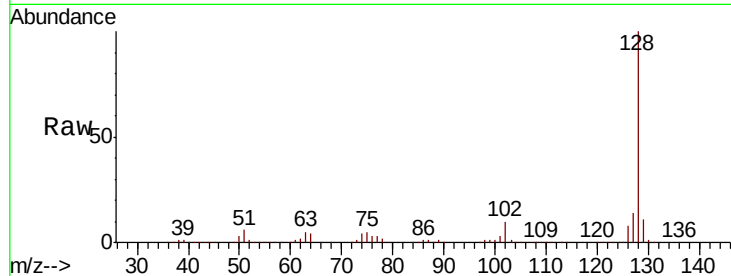
Tot Ion:128 Resp: 1326442

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

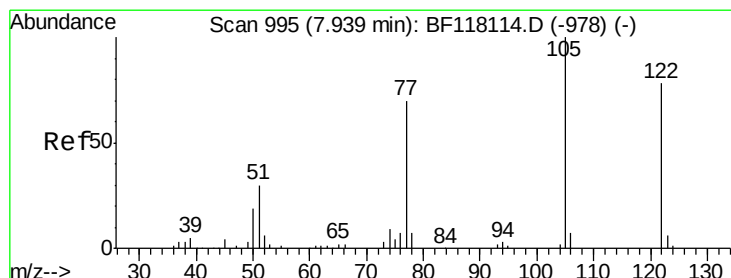
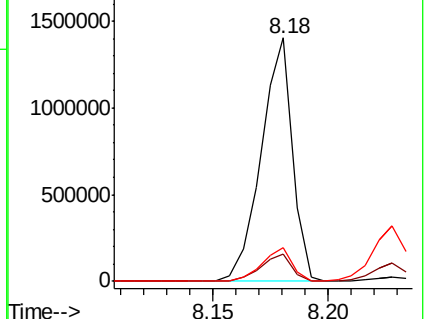
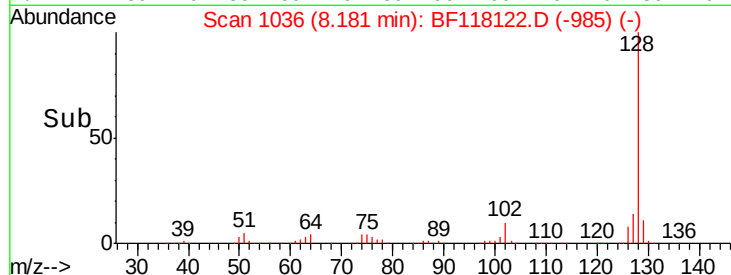
127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.258 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

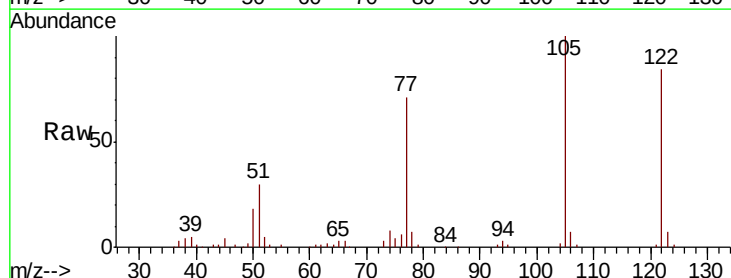
Tgt Ion:122 Resp: 324877

Ion Ratio Lower Upper

122 100

105 118.6 104.7 144.7

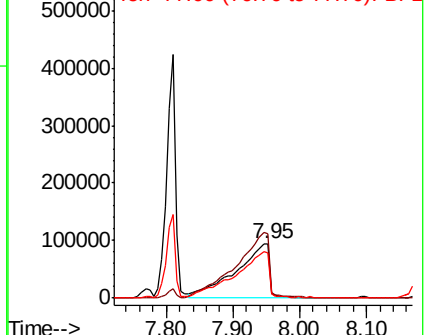
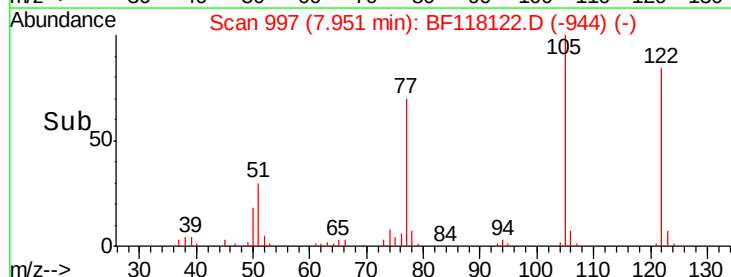
77 84.2 69.1 109.1

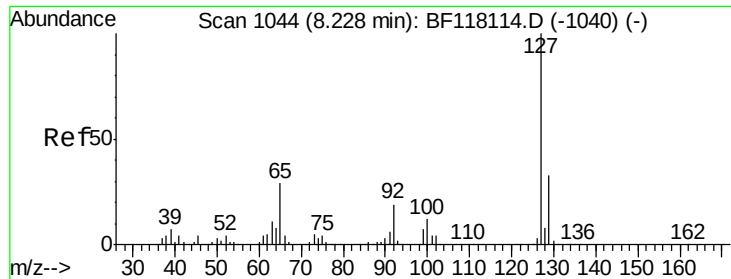


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

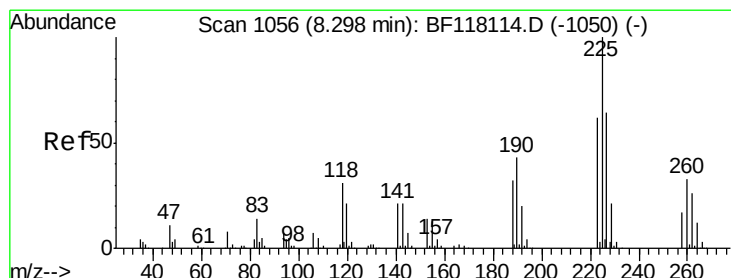
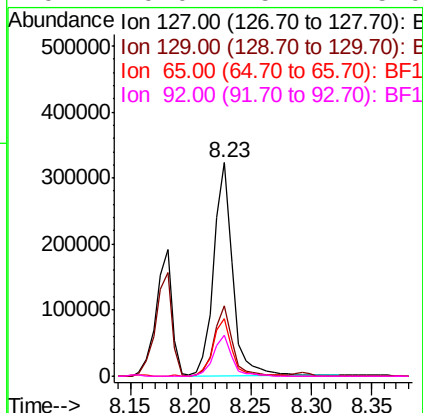
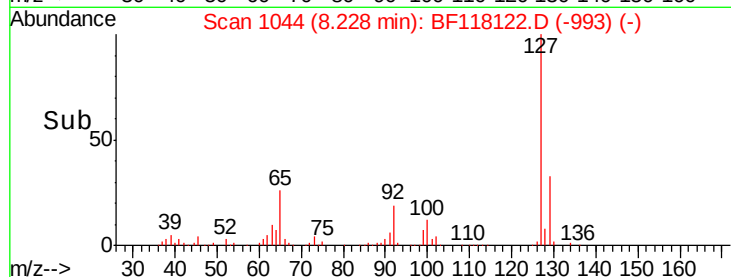
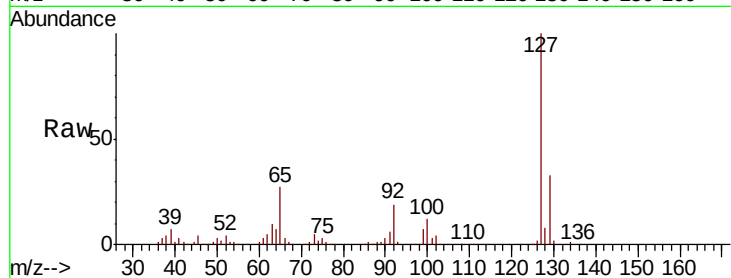




#33
4-Chloroaniline
Concen: 20.557 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

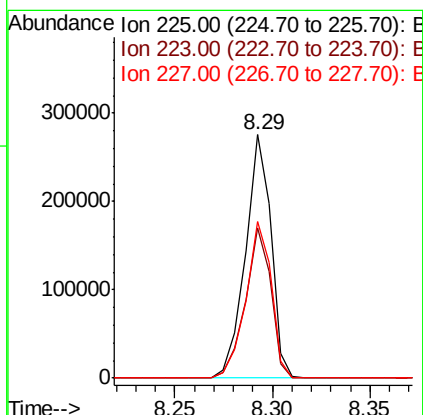
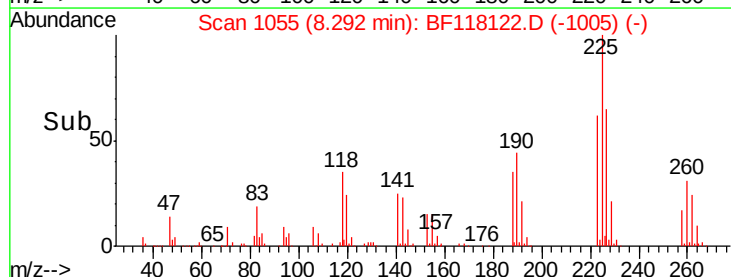
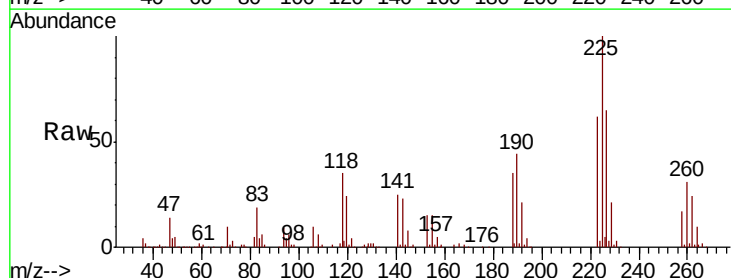
Instrument :
BNA_F
ClientSampled :

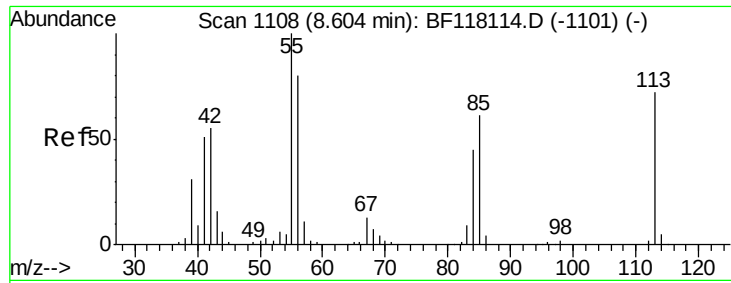
Tot Ion:	127	Resp:	345755
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	27.1	23.2	34.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 31.717 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:	225	Resp:	250234
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.6	74.4
227	64.6	51.0	76.6

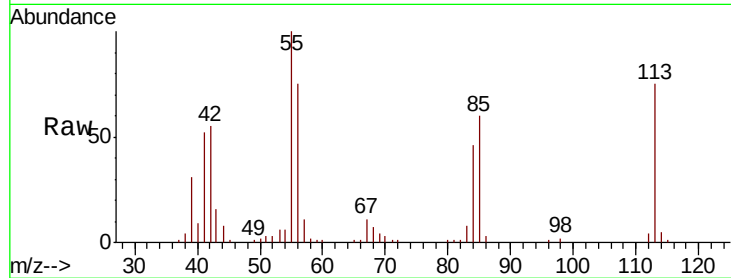




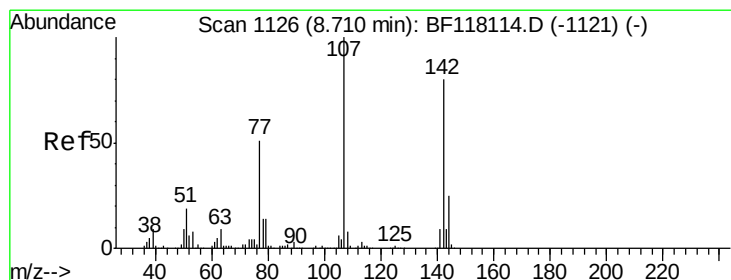
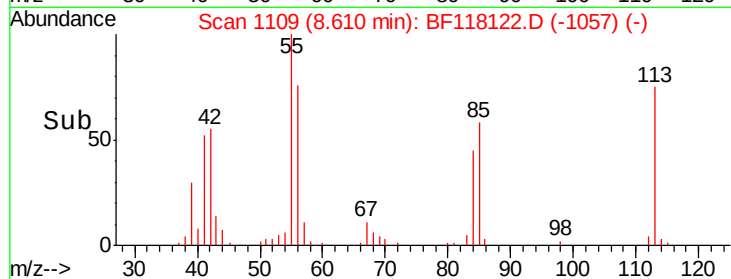
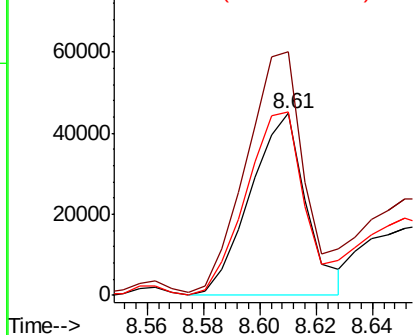
#35
Caprolactam
Concen: 17.763 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 61670
Ion Ratio Lower Upper
113 100
55 133.7 118.9 158.9
56 100.7 91.4 131.4

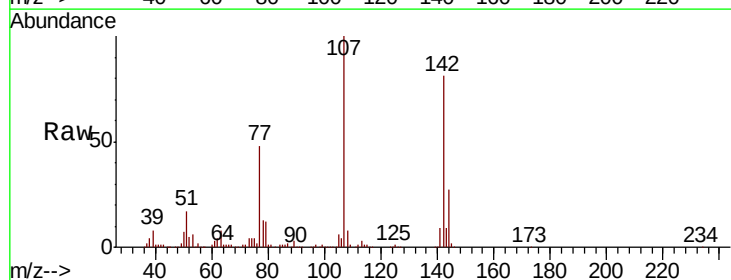


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

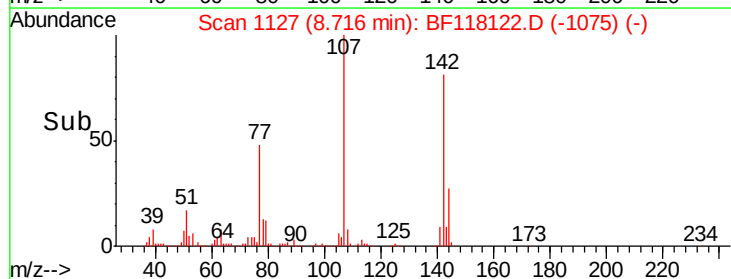
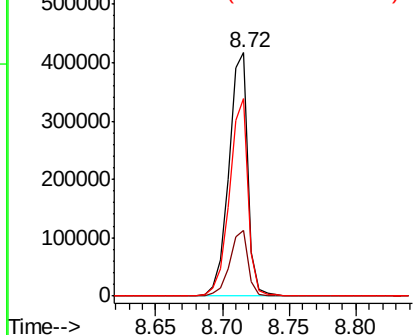


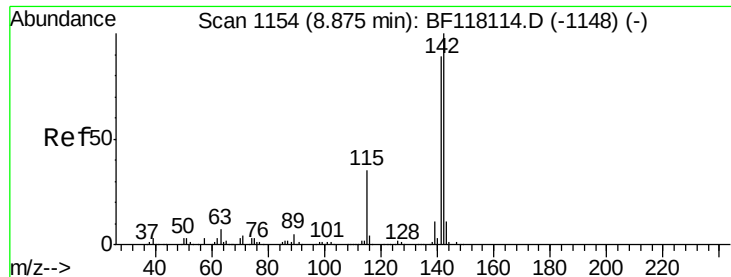
#36
4-Chloro-3-methylphenol
Concen: 35.502 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:107 Resp: 420615
Ion Ratio Lower Upper
107 100
144 26.7 20.3 30.5
142 81.1 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

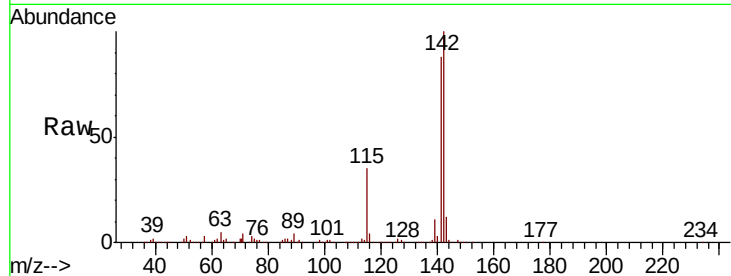




#37
2-Methylnaphthalene
Concen: 34.848 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.0
115	34.9	28.2	42.4

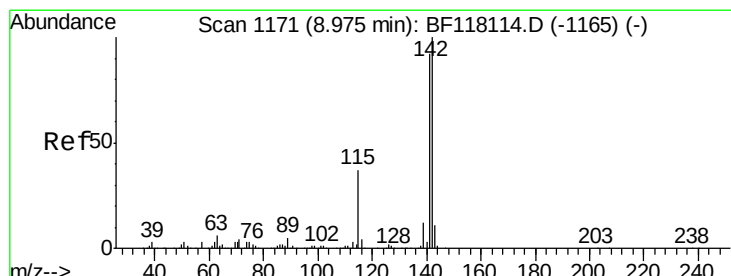
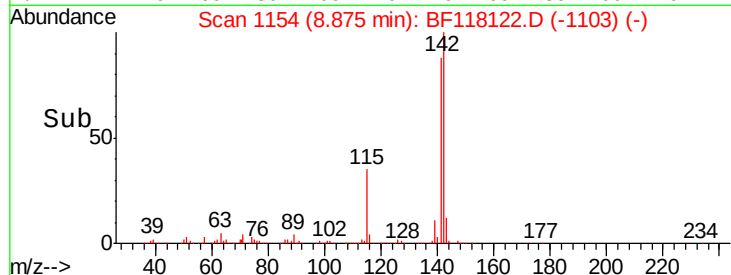
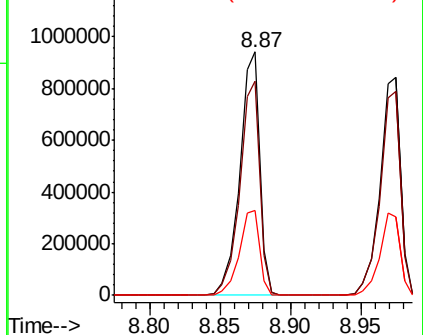


Abundance

Ion 142.00 (141.70 to 142.70): E

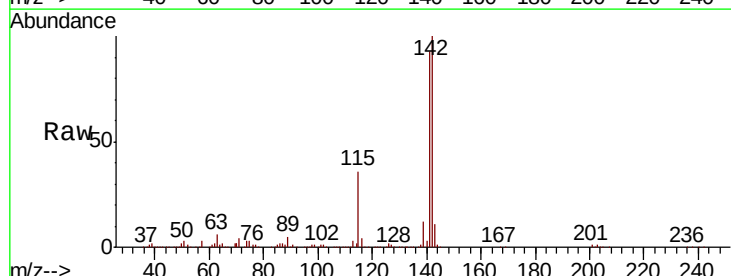
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.426 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.0	111.0
116	3.6	3.2	4.8

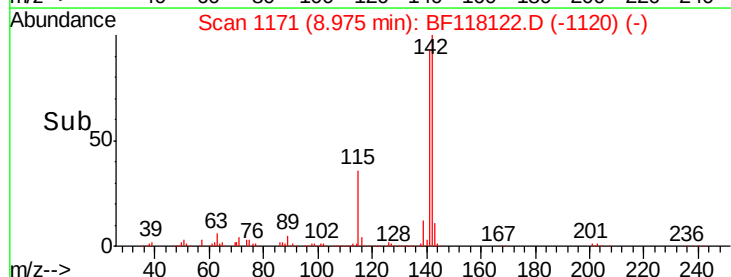
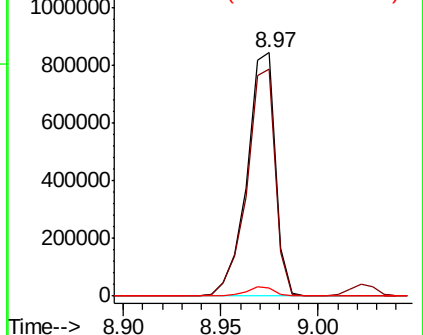


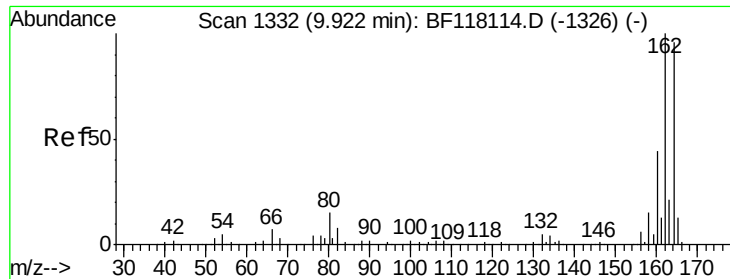
Abundance

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

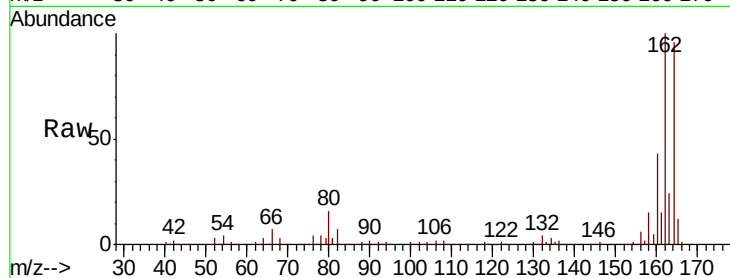




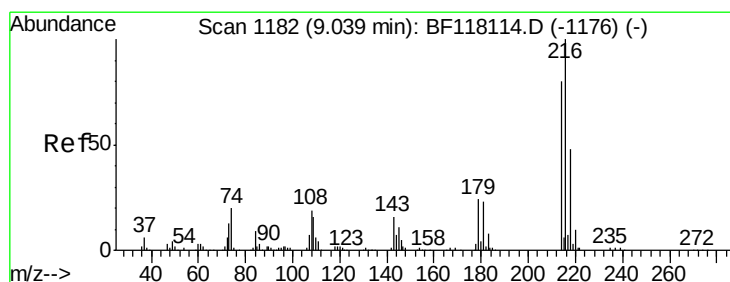
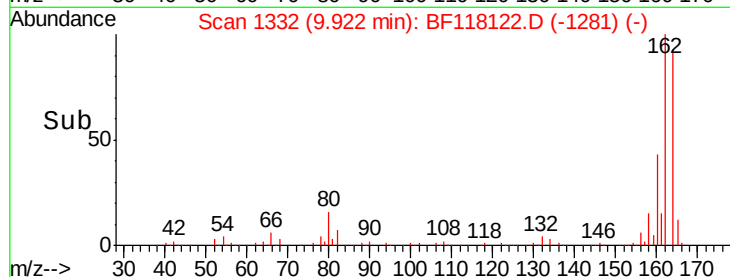
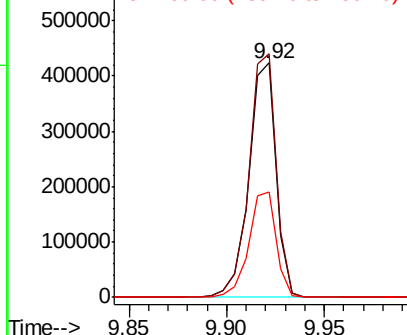
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 409900
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 45.1 36.6 54.8

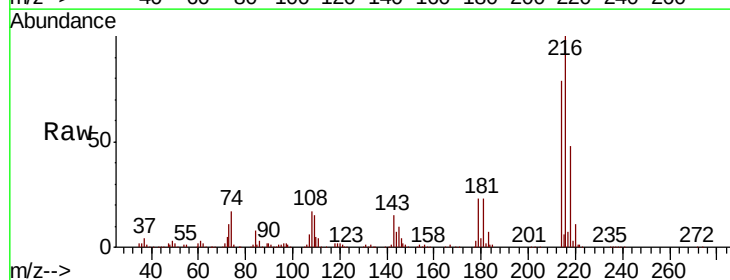


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

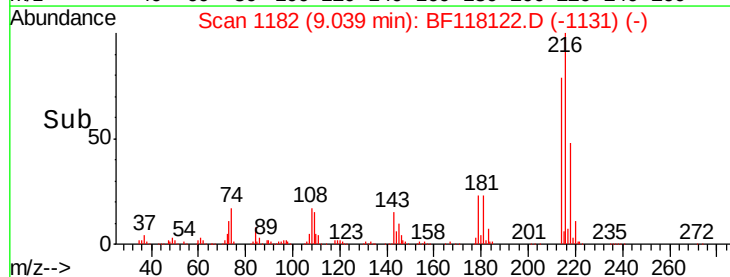
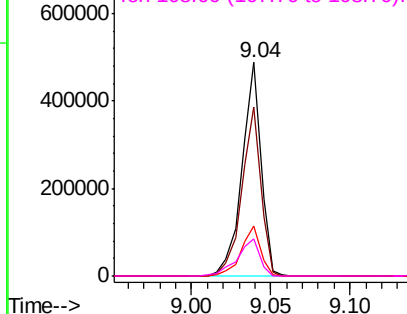


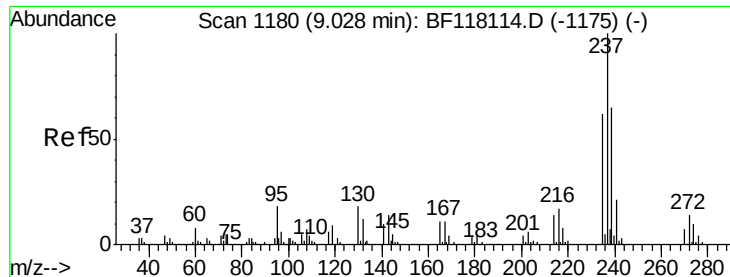
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.628 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion:216 Resp: 405155
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.4 95.2
 179 23.7 18.6 27.8
 108 20.4 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: 54.750 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

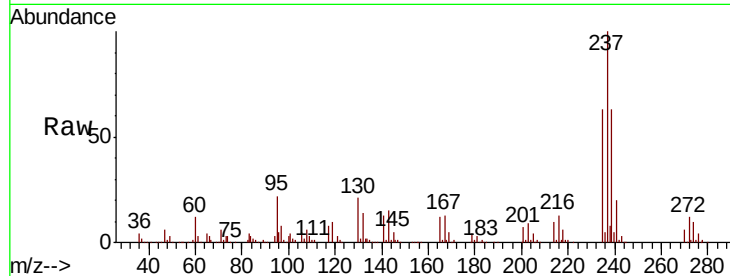
Tot Ion:237 Resp: 304603

Ion Ratio Lower Upper

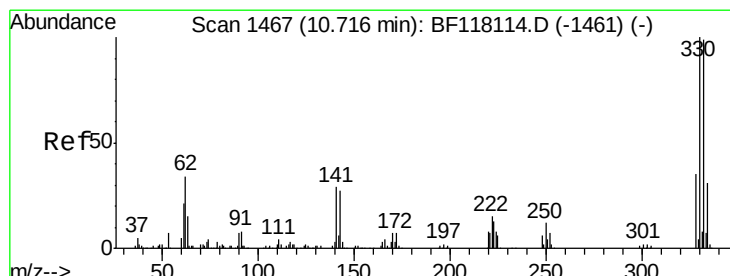
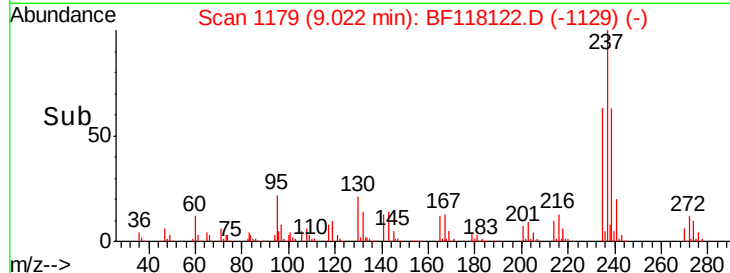
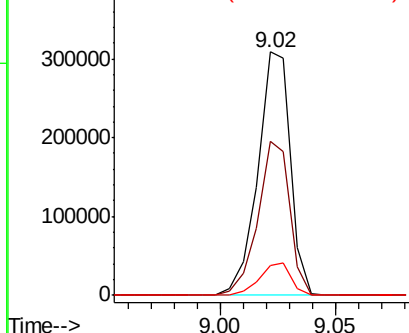
237 100

235 63.2 41.5 81.5

272 12.5 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: 100.331 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

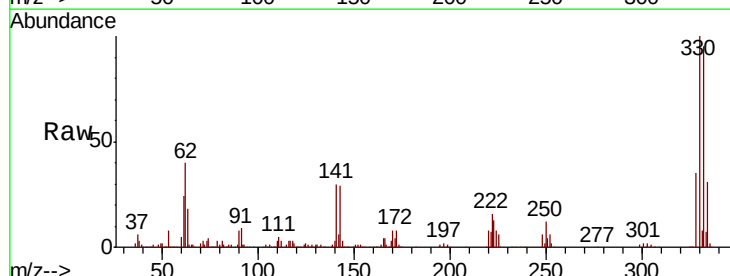
Tgt Ion:330 Resp: 499603

Ion Ratio Lower Upper

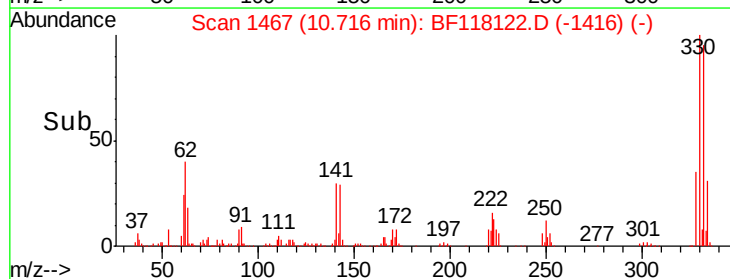
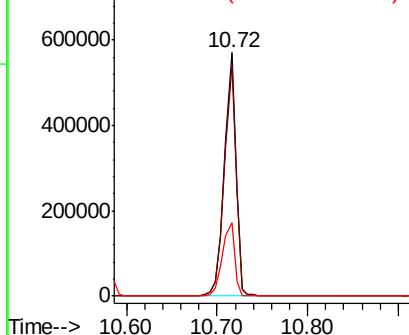
330 100

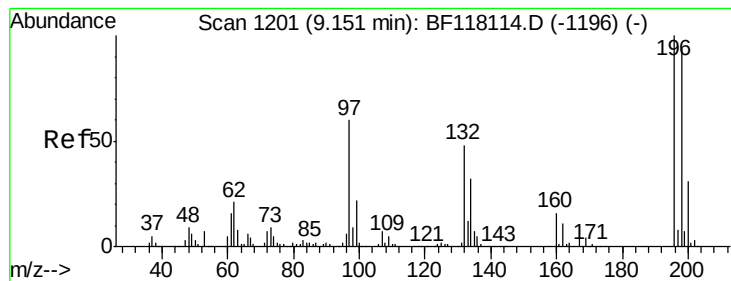
332 95.3 78.1 117.1

141 31.7 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: 34.849 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

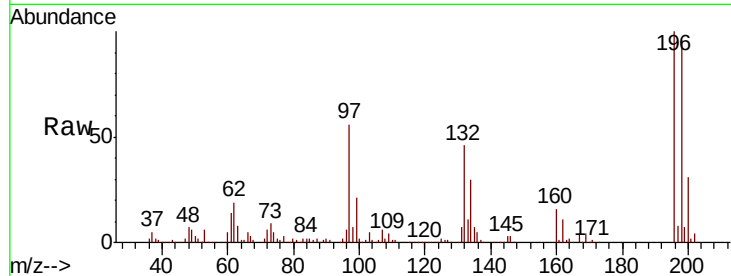
Tot Ion:196 Resp: 288929

Ion Ratio Lower Upper

196 100

198 96.2 75.0 112.4

200 30.6 24.5 36.7

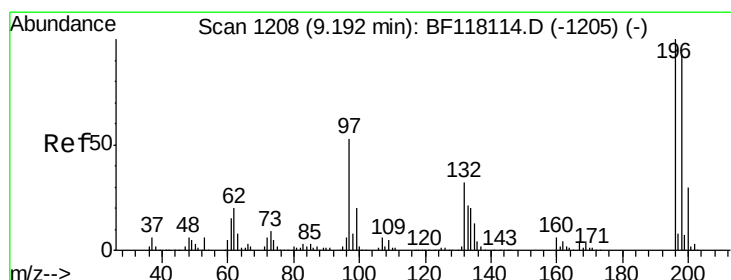
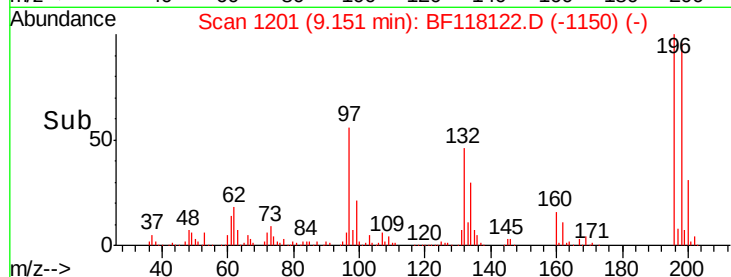
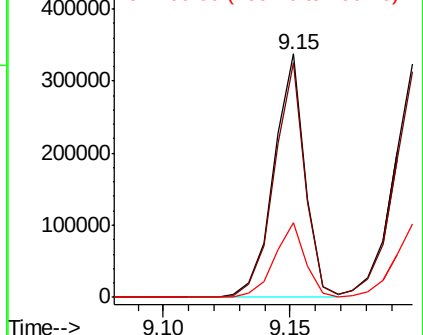


Abundance

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: 35.788 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:196 Resp: 307410

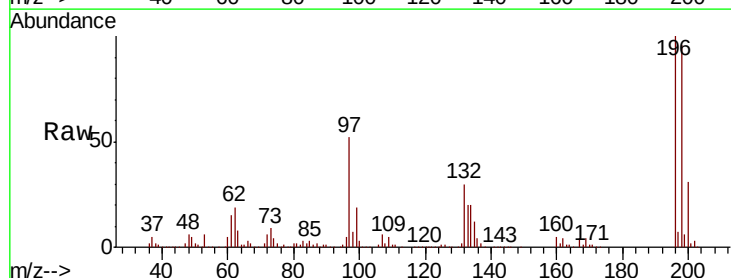
Ion Ratio Lower Upper

196 100

198 96.4 74.2 111.4

97 52.2 42.5 63.7

132 30.2 25.4 38.2



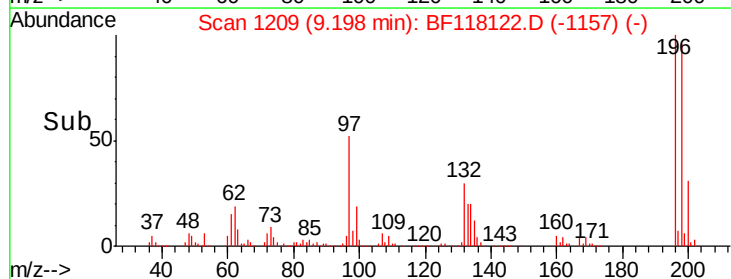
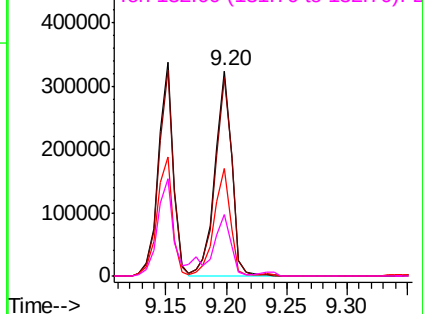
Abundance

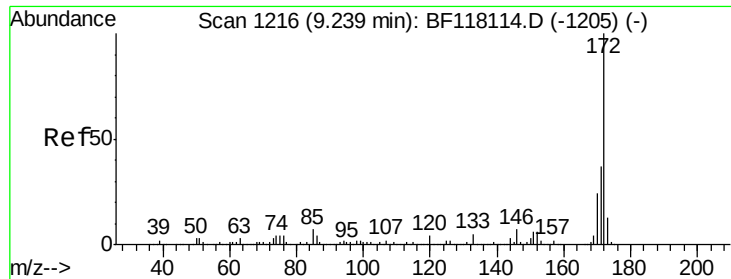
Ion 196.00 (195.70 to 196.70): E

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

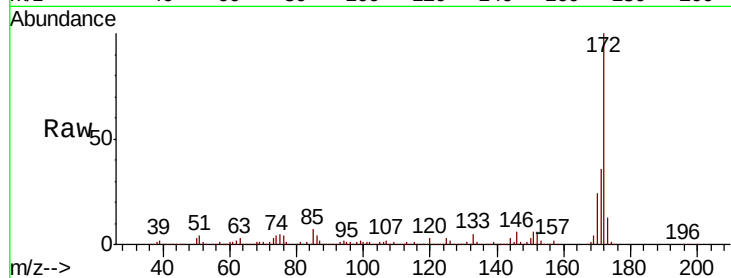




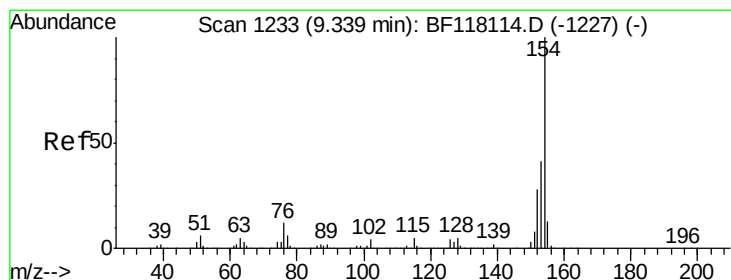
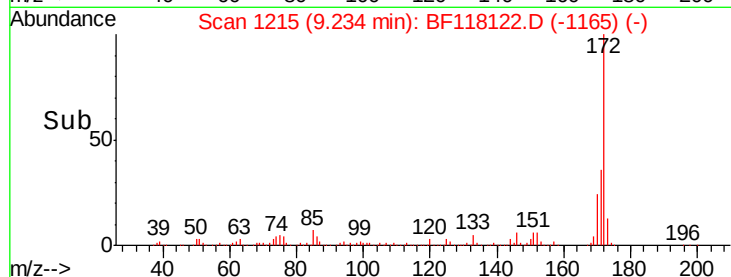
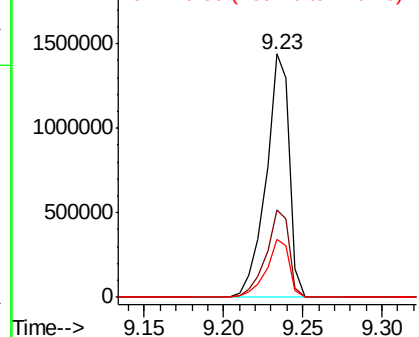
#45
2-Fluorobiphenyl
Concen: 54.941 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1480005
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.8 19.4 29.2

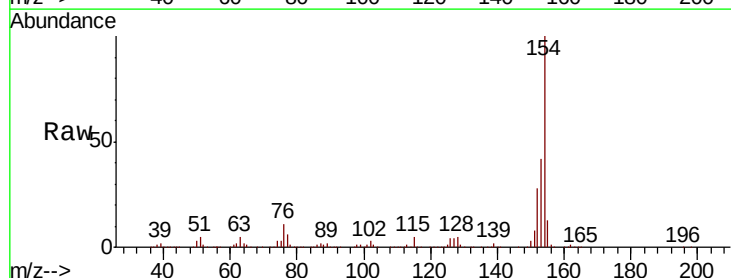


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

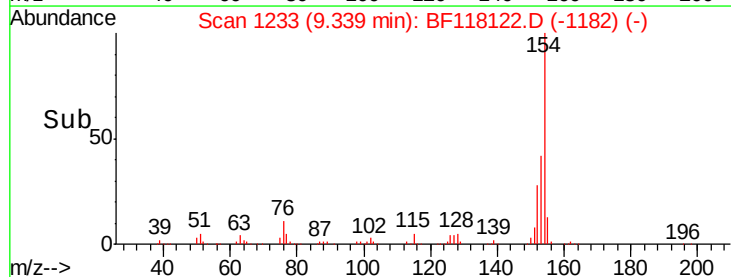
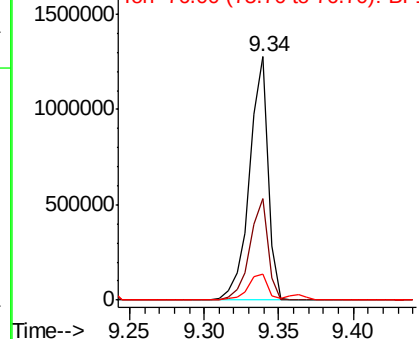


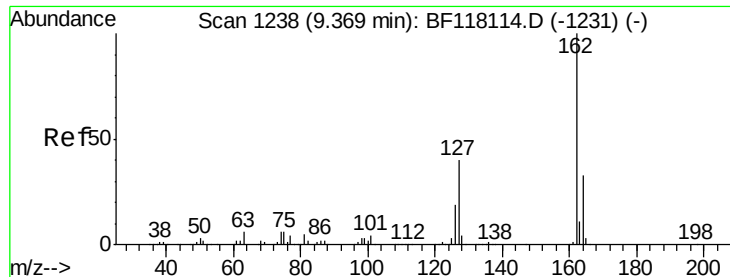
#46
1,1'-Biphenyl
Concen: 33.878 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:154 Resp: 1095217
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 10.8 0.0 31.9



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

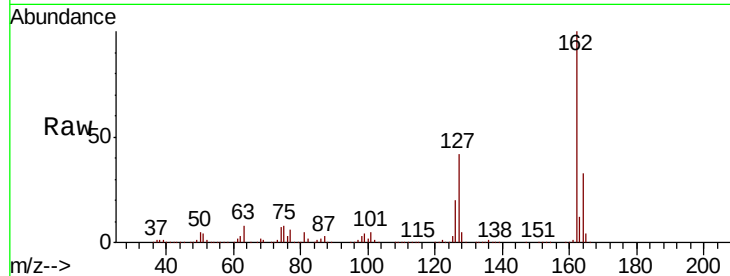




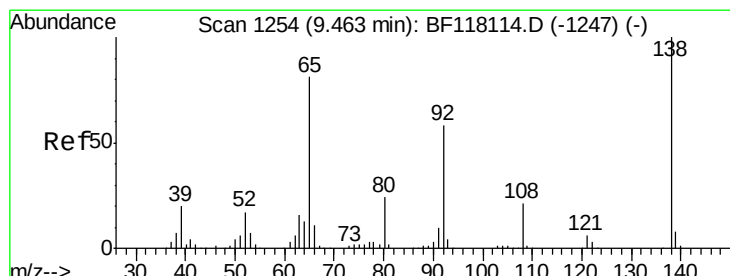
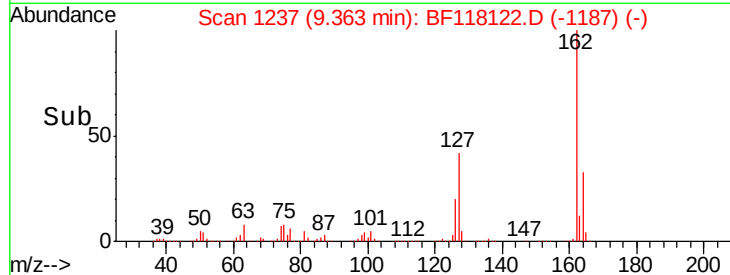
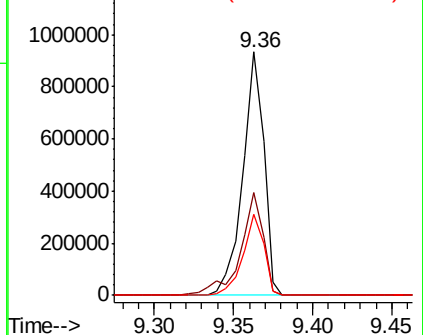
#47
 2-Chloronaphthalene
 Concen: 32.941 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.0	48.0
164	33.2	26.1	39.1

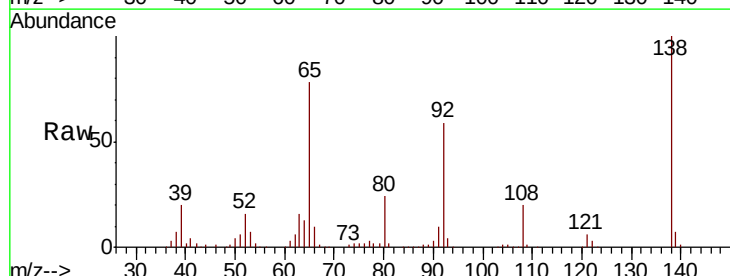


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

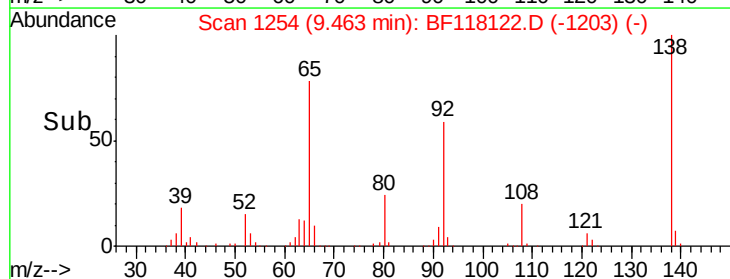
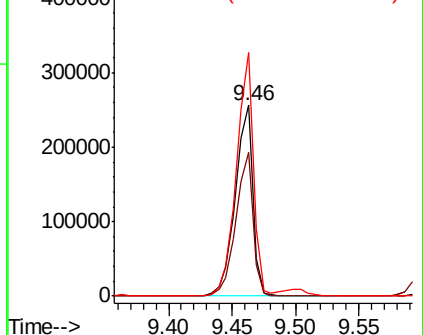


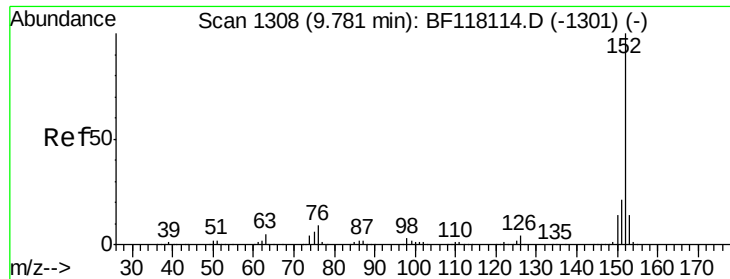
#48
 2-Nitroaniline
 Concen: 33.016 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	57.8	86.6
138	127.5	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: 34.735 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

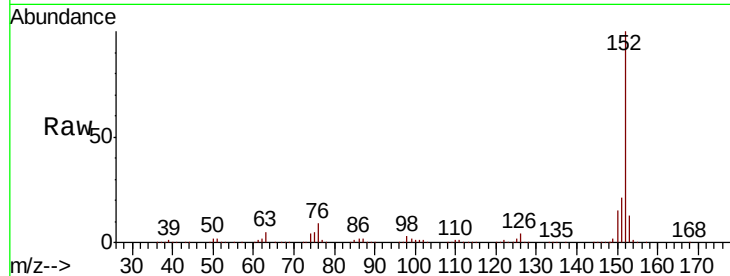
Tot Ion:152 Resp: 1332305

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

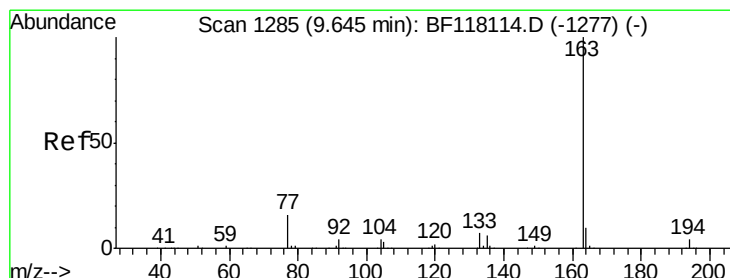
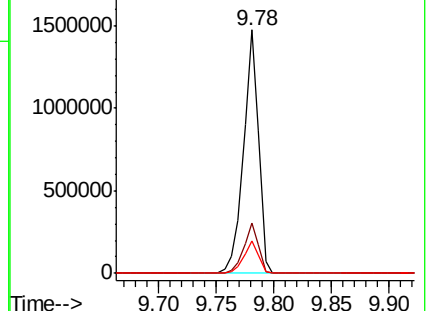
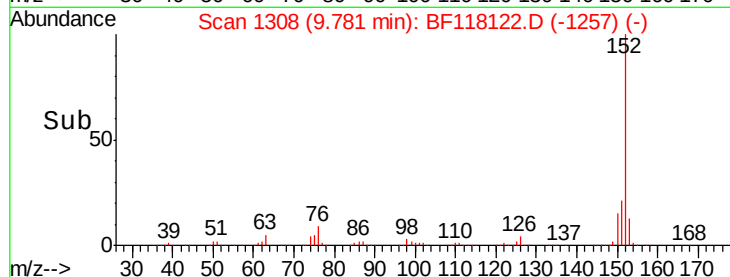
153 13.3 10.8 16.2



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: 33.636 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

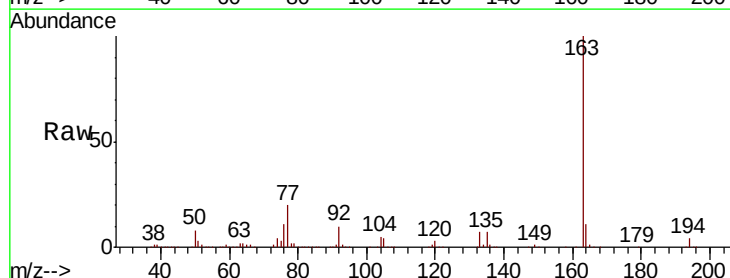
Tgt Ion:163 Resp: 1018409

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

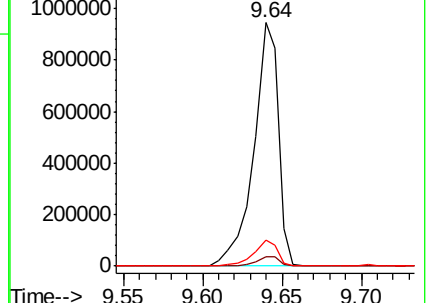
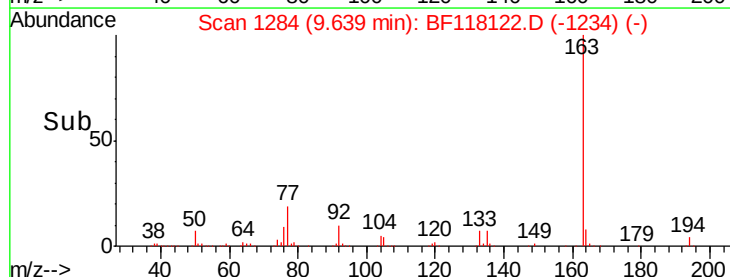
164 10.6 7.7 11.5

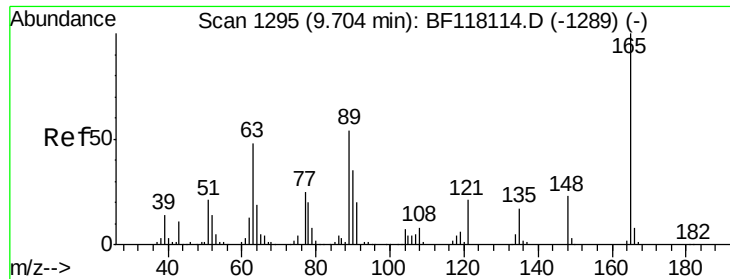


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

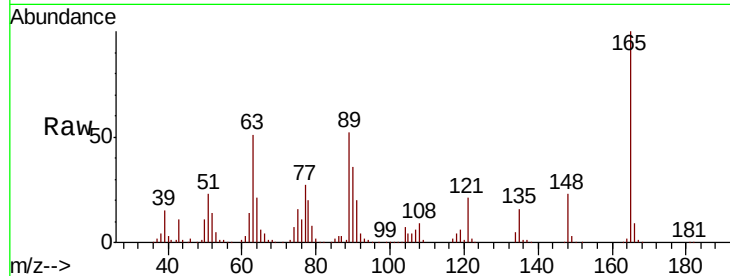




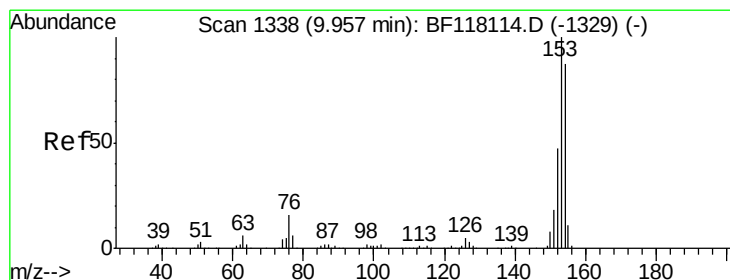
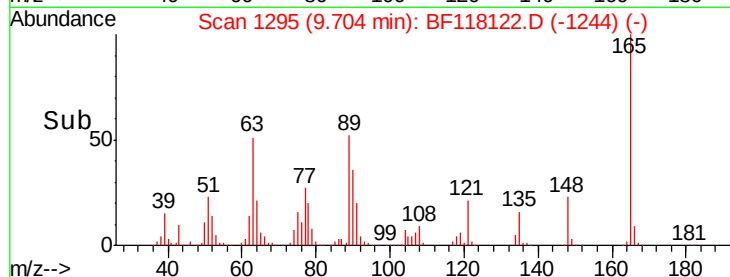
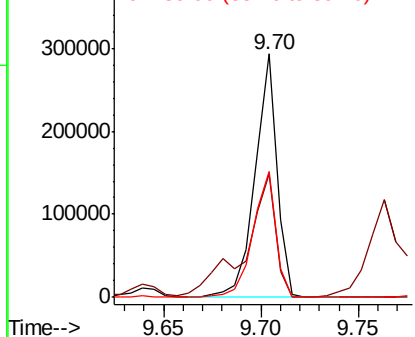
#51
 2,6-Dinitrotoluene
 Concen: 34.902 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	41.4	62.0
89	51.5	42.9	64.3

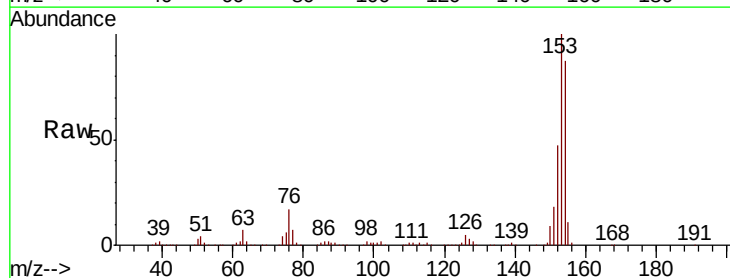


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

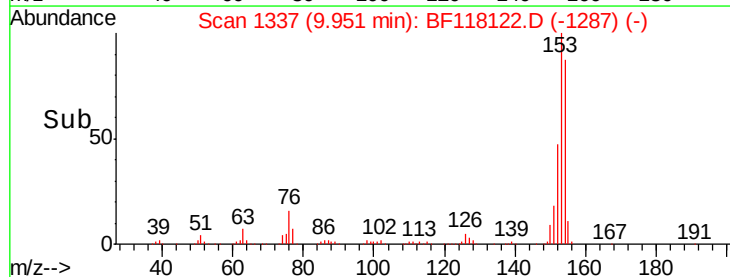
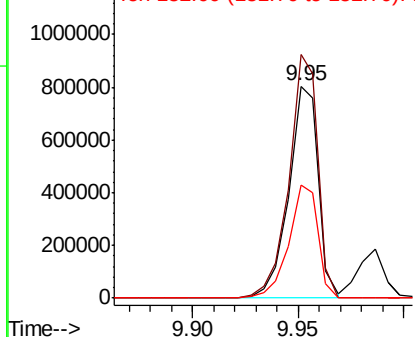


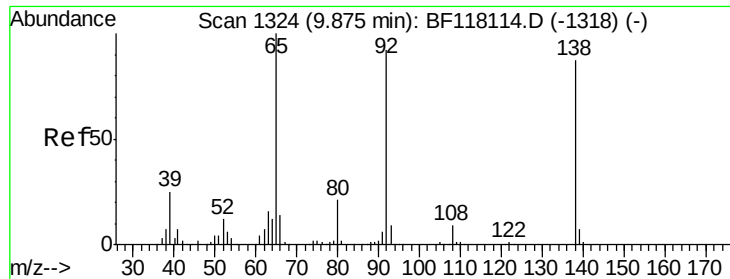
#52
 Acenaphthene
 Concen: 33.541 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.8	137.6
152	53.6	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

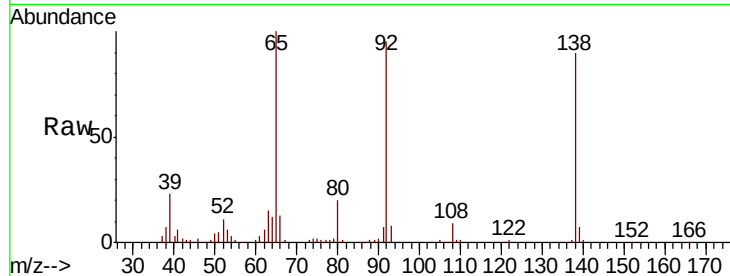




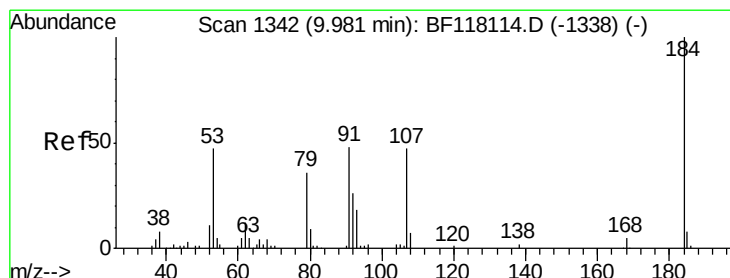
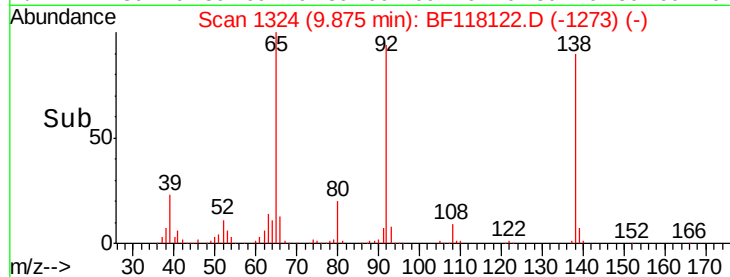
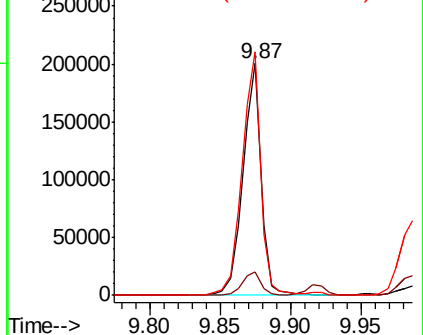
#53
3-Nitroaniline
Concen: 23.203 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 179774
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 105.1 84.9 127.3

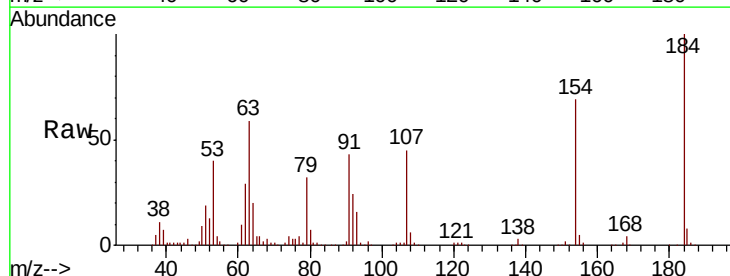


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

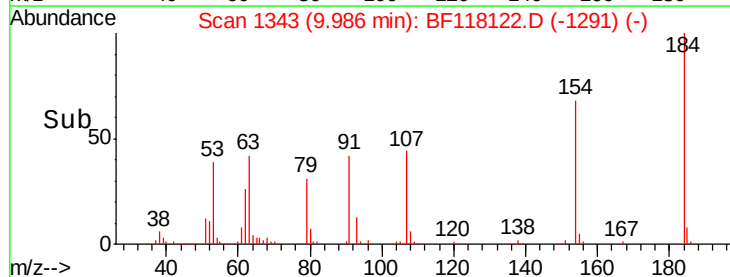
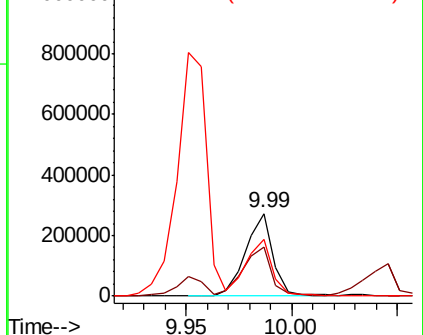


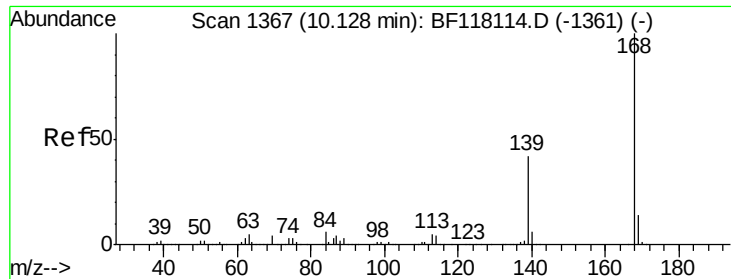
#54
2,4-Dinitrophenol
Concen: 76.110 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:184 Resp: 249291
Ion Ratio Lower Upper
184 100
63 59.0 53.9 80.9
154 68.6 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

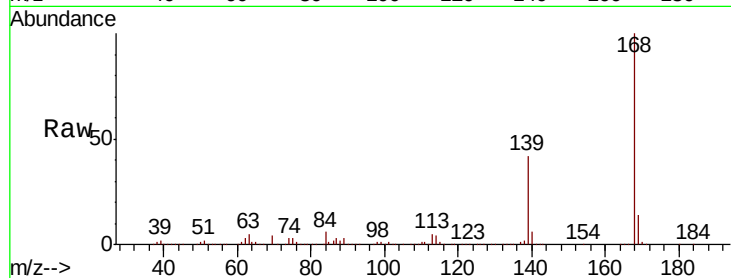




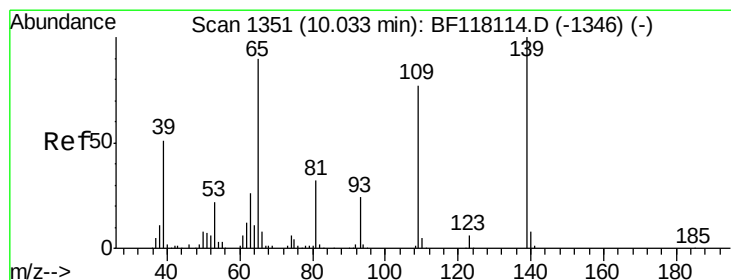
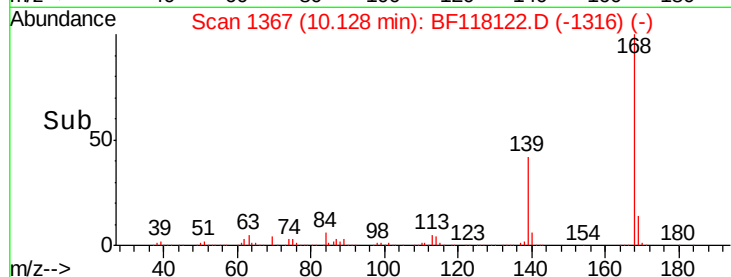
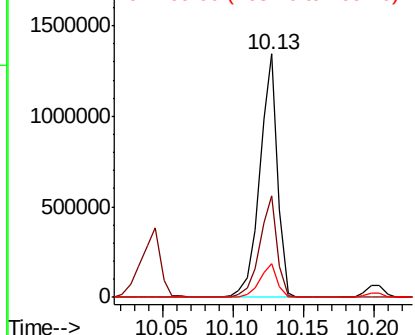
#55
Dibenzofuran
Concen: 34.566 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1185735
Ion Ratio Lower Upper
168 100
139 41.5 33.4 50.0
169 13.6 11.0 16.6

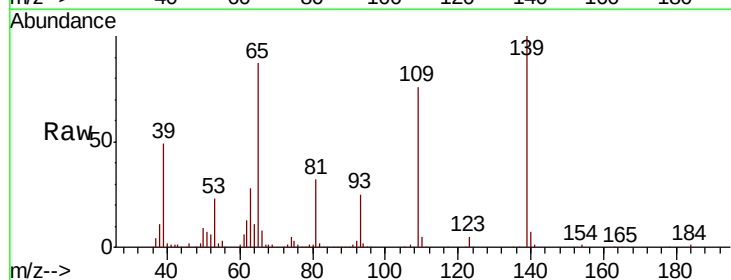


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

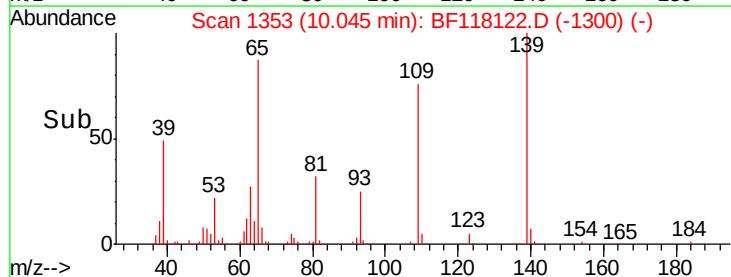
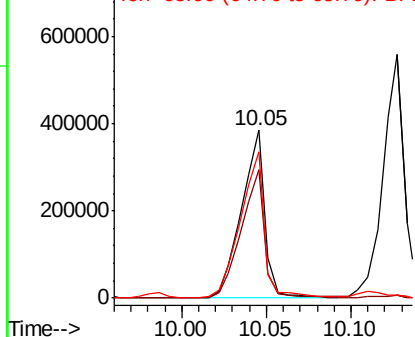


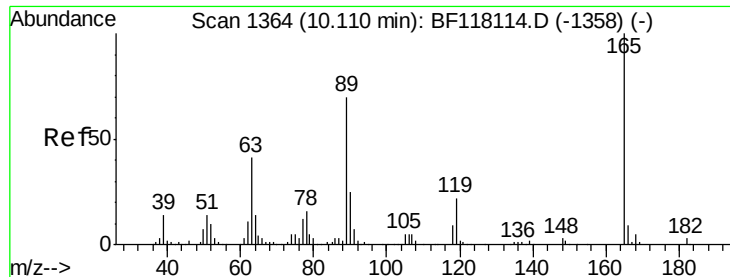
#56
4-Nitrophenol
Concen: 69.911 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:139 Resp: 375905
Ion Ratio Lower Upper
139 100
109 76.2 57.3 97.3
65 87.4 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

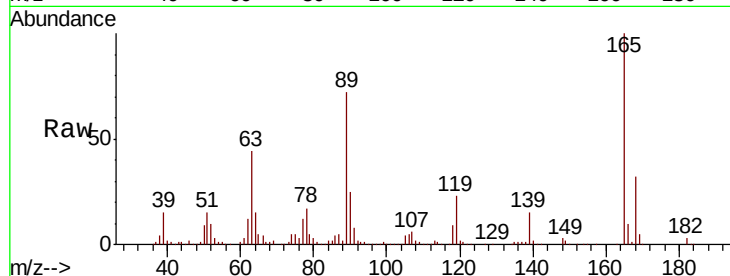




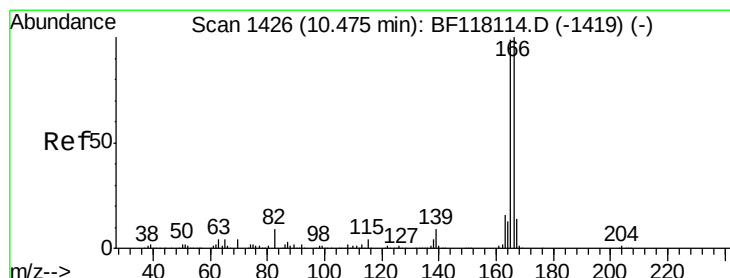
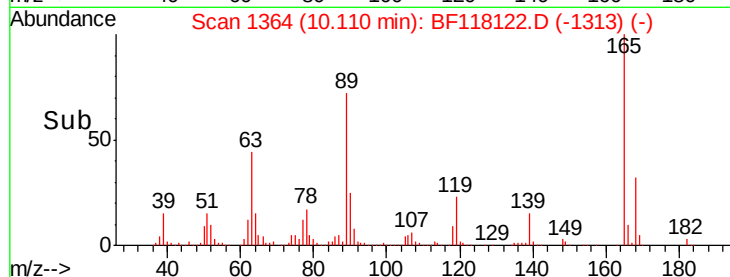
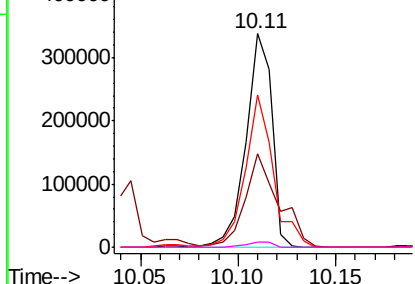
#57
2,4-Dinitrotoluene
Concen: 35.344 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	310578
Ion Ratio	Lower	Upper
165	100	
63	43.8	32.6 49.0
89	71.6	56.1 84.1
182	2.7	2.1 3.1

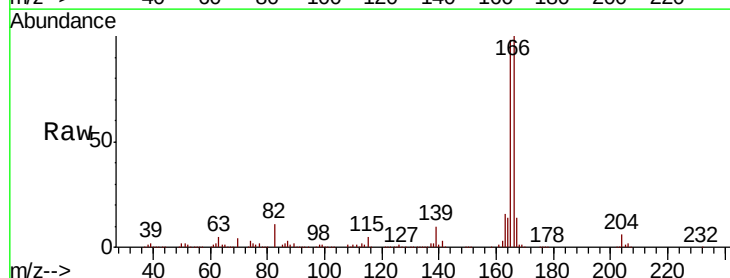


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

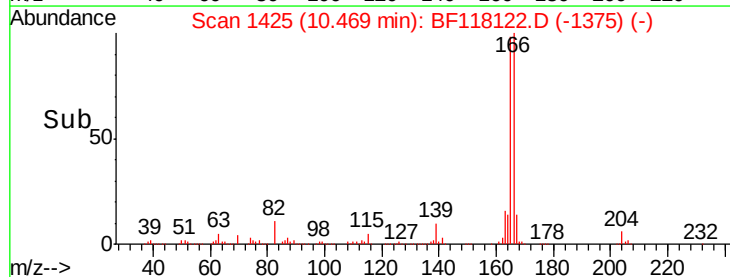
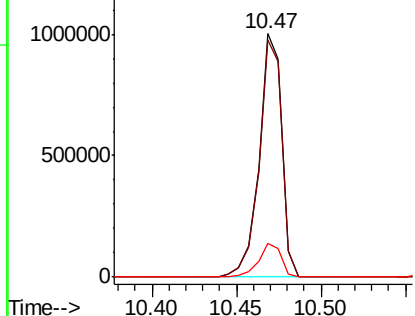


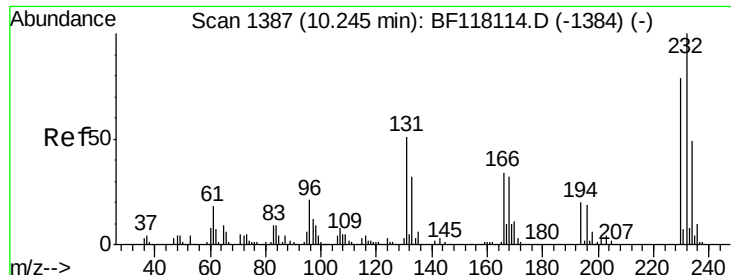
#58
Fluorene
Concen: 34.175 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:166	Resp:	931650
Ion Ratio	Lower	Upper
166	100	
165	97.6	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

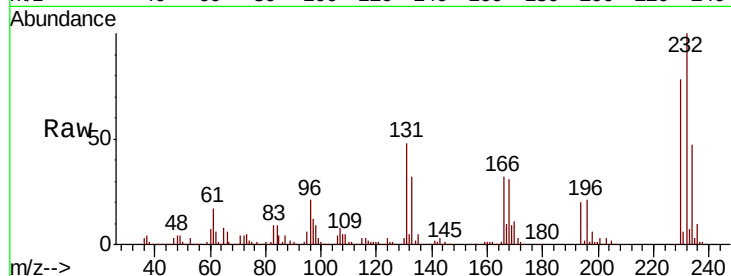




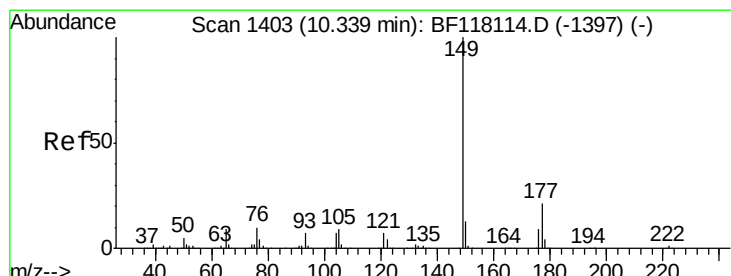
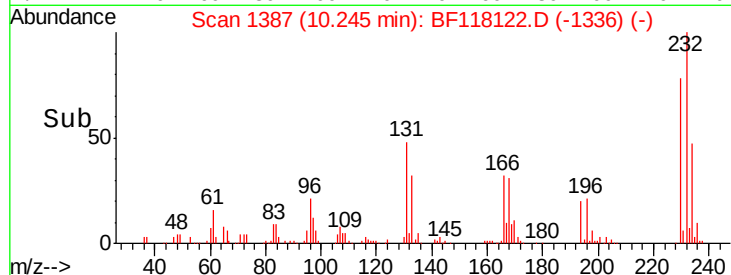
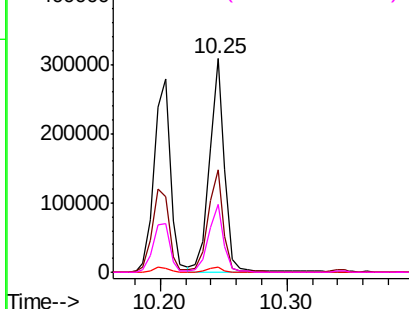
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.139 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 256104
Ion Ratio Lower Upper
232 100
131 48.1 38.8 58.2
130 2.6 1.9 2.9
166 32.3 25.4 38.0

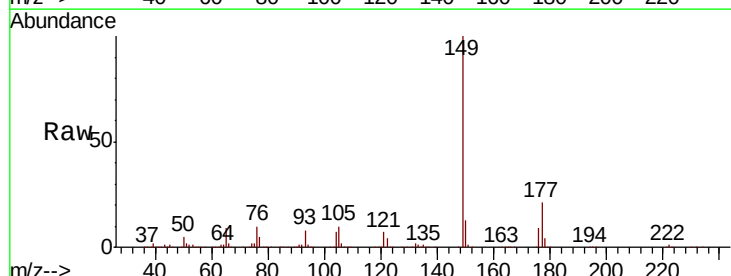


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

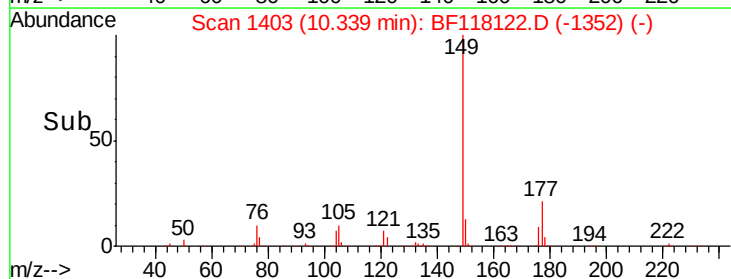
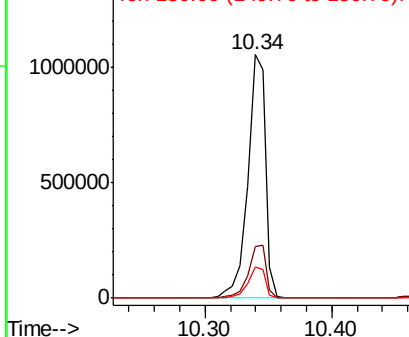


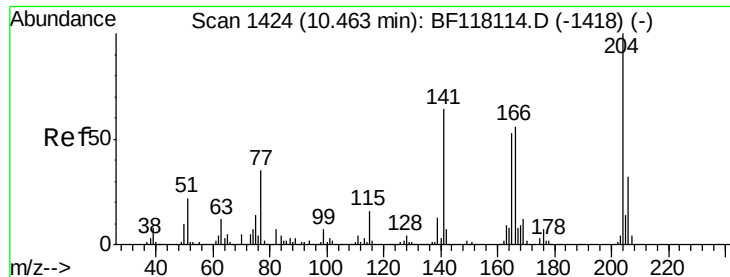
#60
Diethylphthalate
Concen: 34.461 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:149 Resp: 1027977
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.4
150 12.9 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

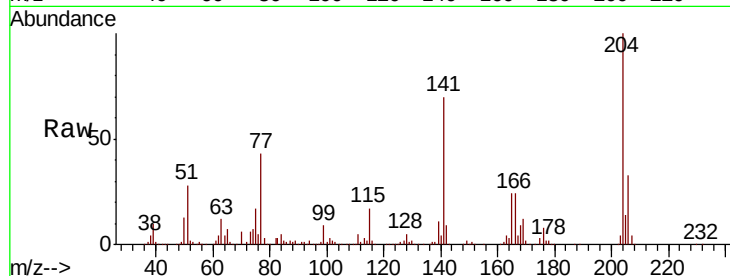




#61
4-Chlorophenyl-phenylether
Concen: 33.898 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	70.0	51.0	76.6

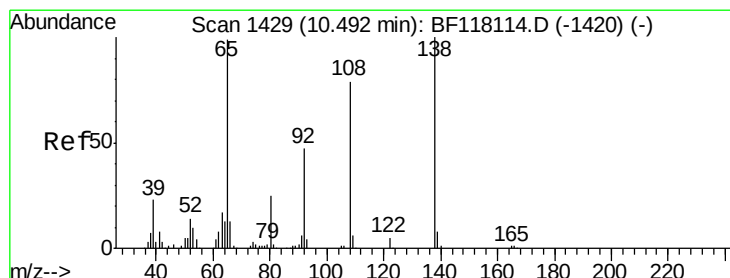
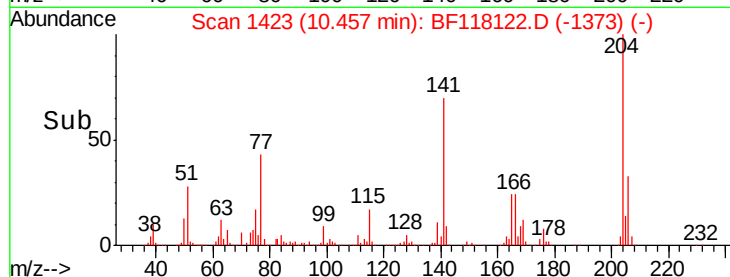
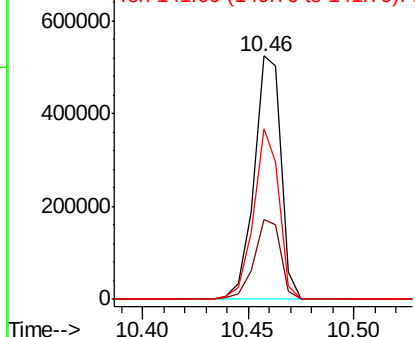


Abundance

Ion 204.00 (203.70 to 204.70): E

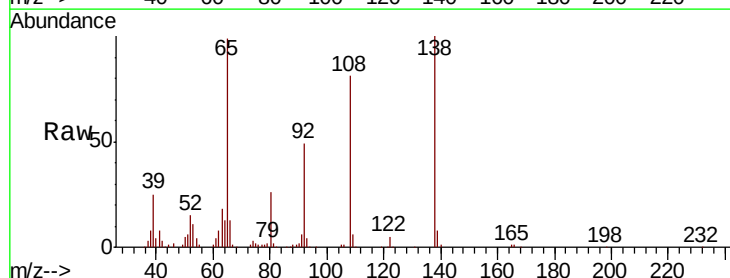
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 27.620 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.1	67.1
108	80.8	59.0	99.0

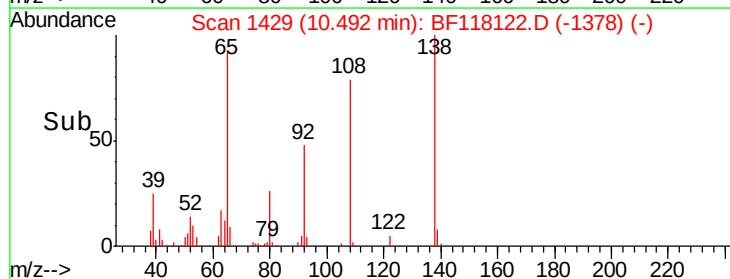
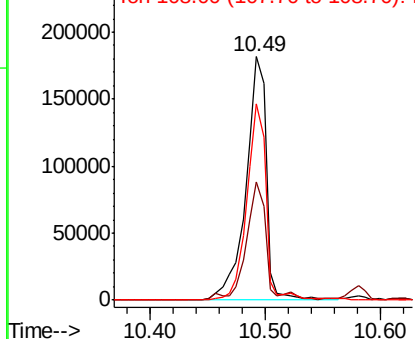


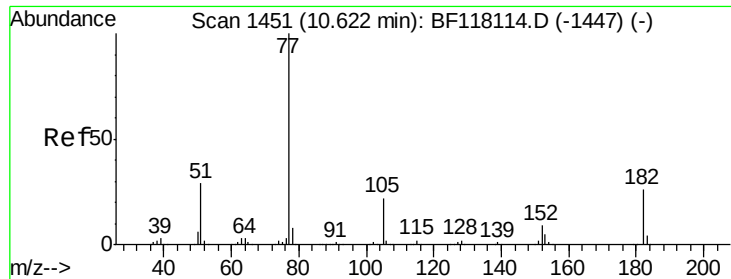
Abundance

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: 34.402 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 876059

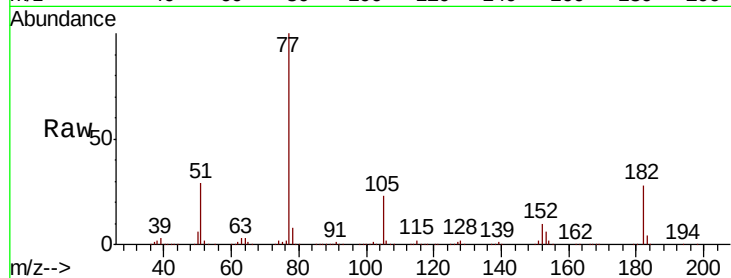
Ion Ratio Lower Upper

77 100

182 27.9 5.7 45.7

105 23.0 2.2 42.2

51 29.3 9.6 49.6

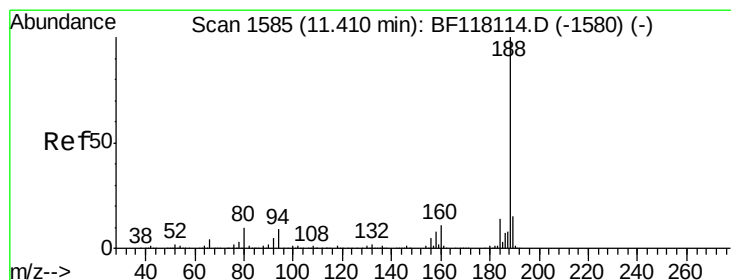
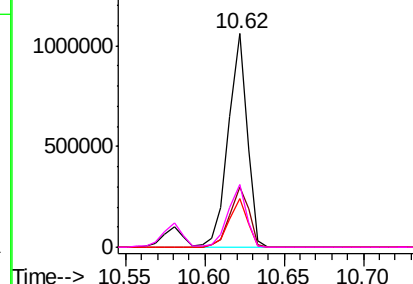
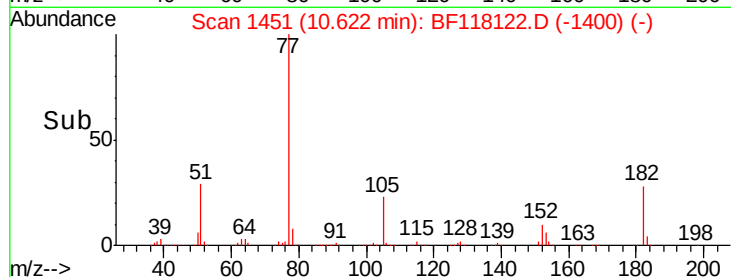


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

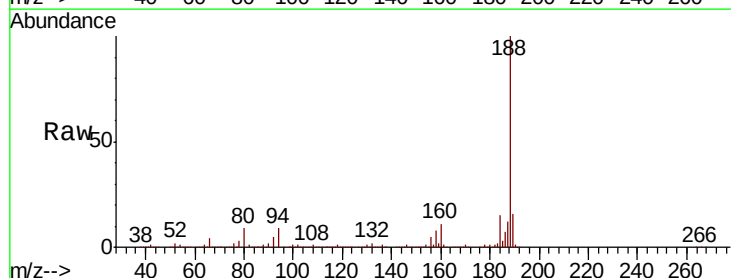
Tgt Ion: 188 Resp: 759320

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

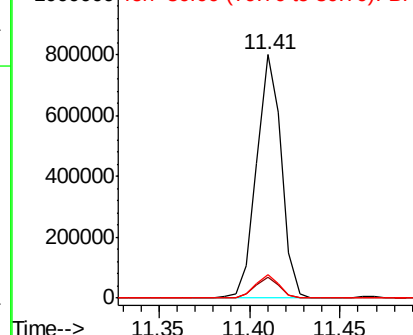
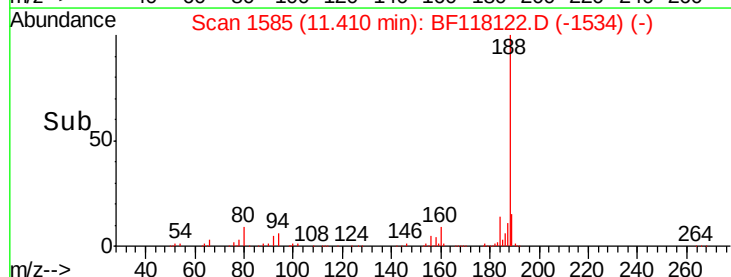
80 9.4 7.9 11.9

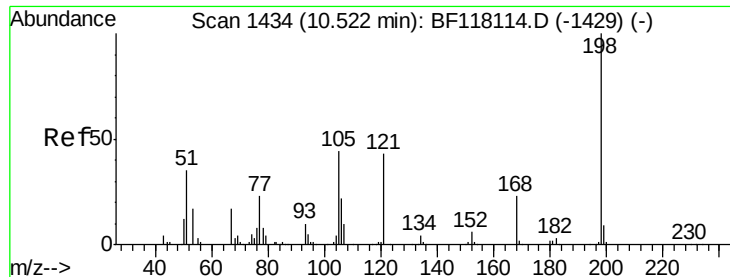


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

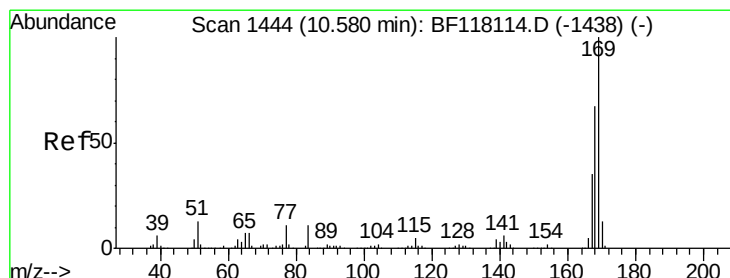
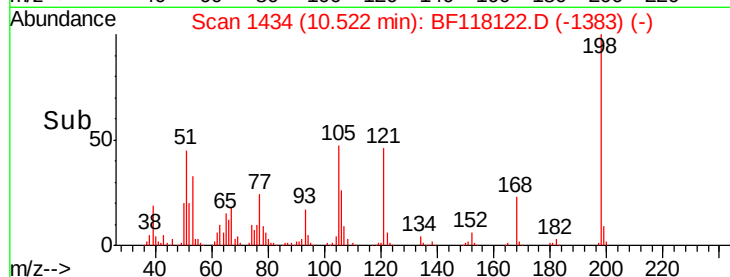
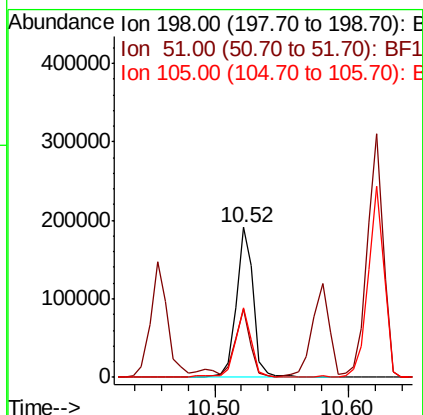
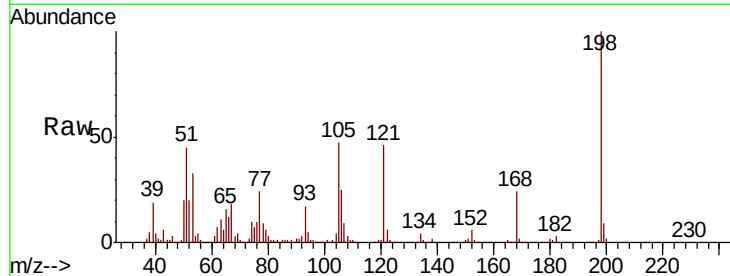




#65
4,6-Dinitro-2-methylphenol
Concen: 40.519 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

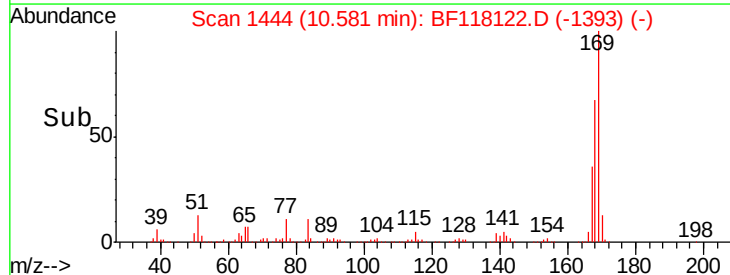
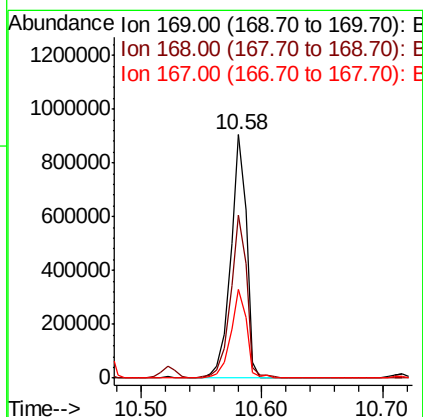
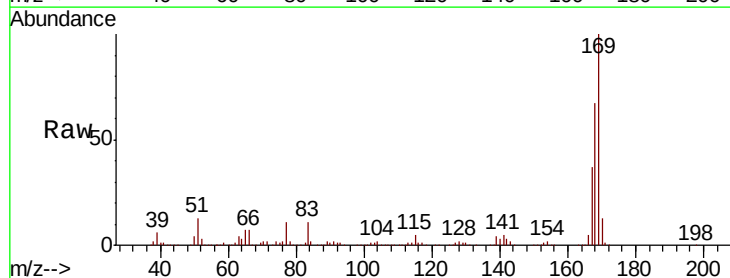
Instrument :
BNA_F
ClientSampleId :

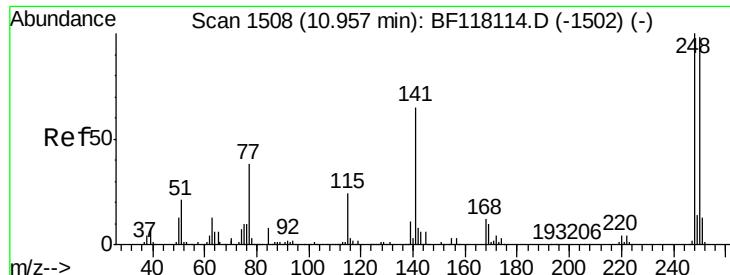
Tot Ion:198 Resp: 169911
Ion Ratio Lower Upper
198 100
51 45.3 22.0 62.0
105 46.7 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 34.720 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:169 Resp: 823296
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.5 28.4 42.6

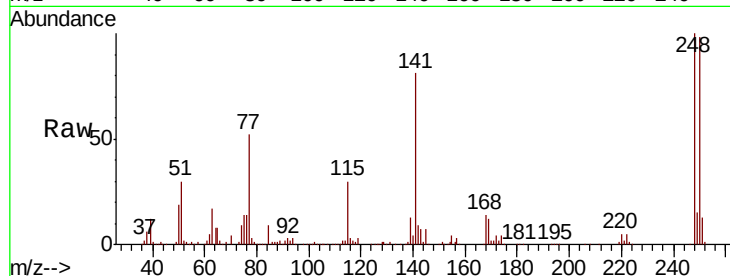




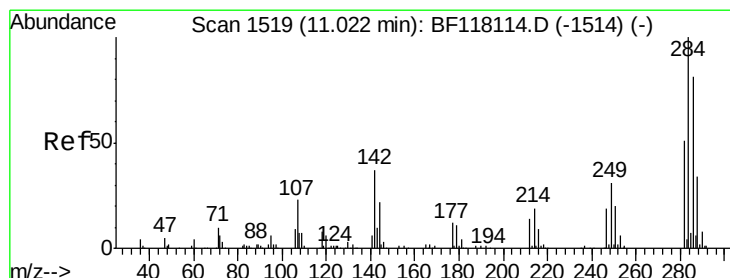
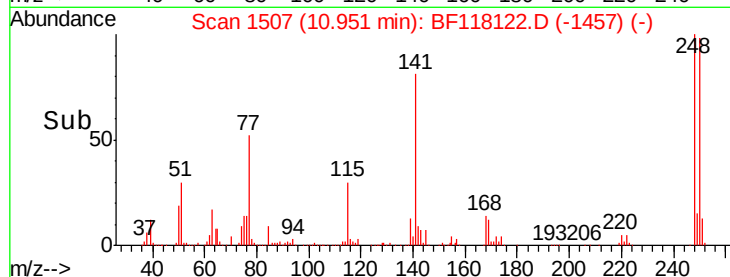
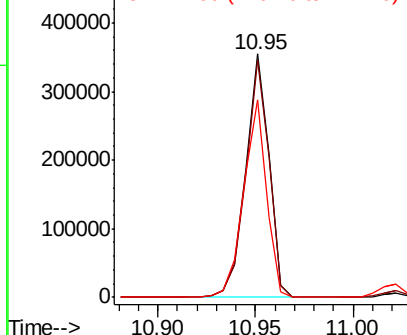
#67
4-Bromophenyl-phenylether
Concen: 33.894 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 293787
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 80.9 52.2 78.4#

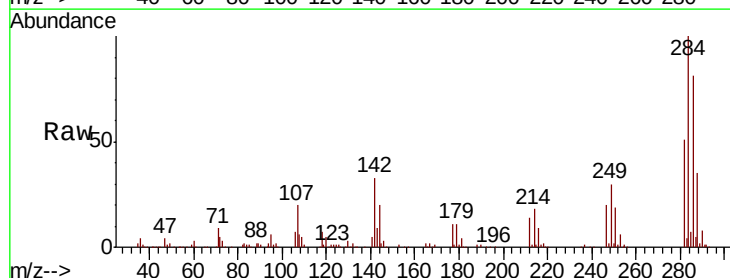


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

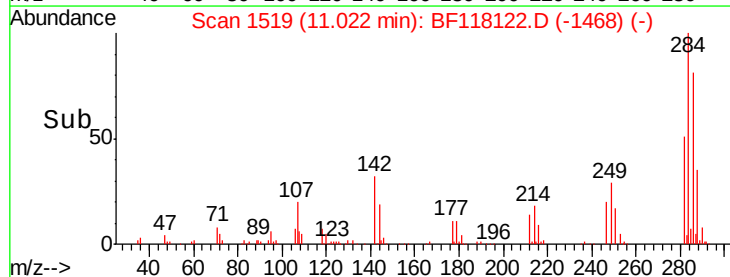
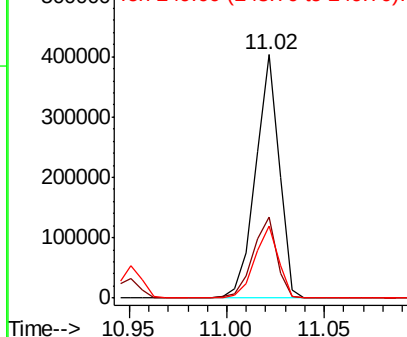


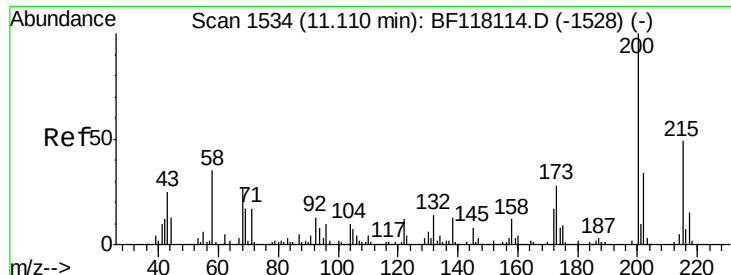
#68
Hexachlorobenzene
Concen: 33.140 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:284 Resp: 338099
Ion Ratio Lower Upper
284 100
142 33.4 29.7 44.5
249 29.7 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

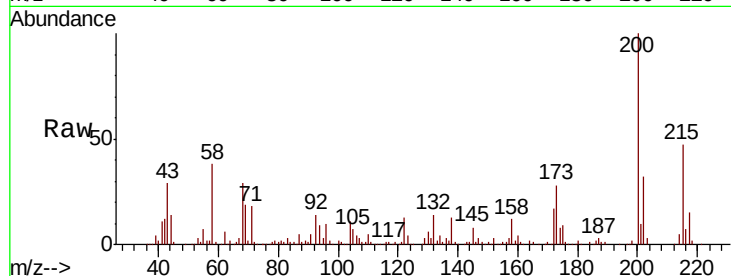




#69
Atrazine
Concen: 37.369 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	47.0	29.0	69.0

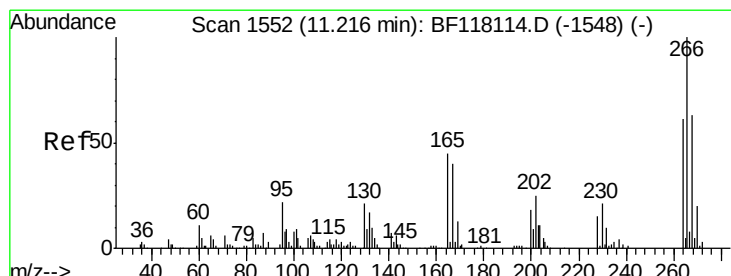
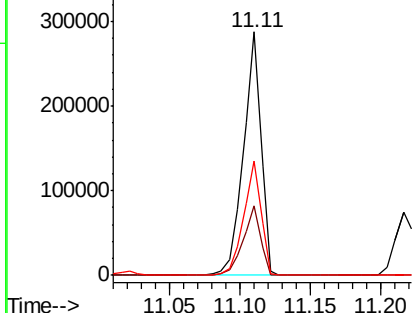
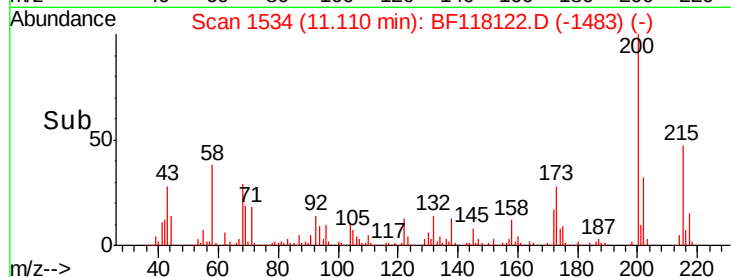


Abundance

Ion 200.00 (199.70 to 200.70): E

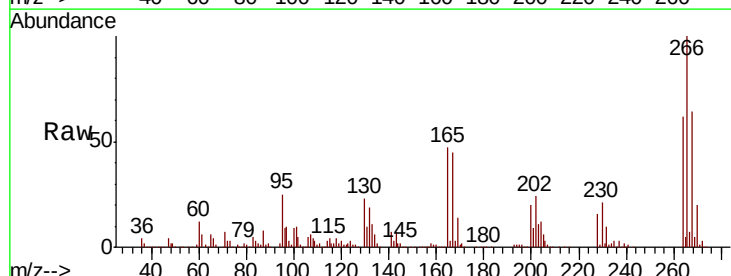
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.806 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.7	76.1
264	61.8	48.7	73.1

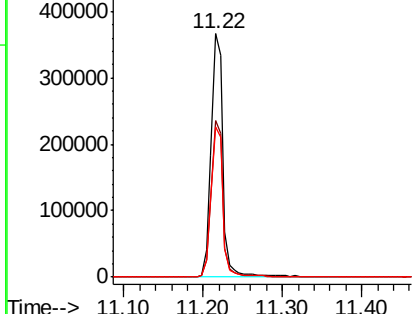
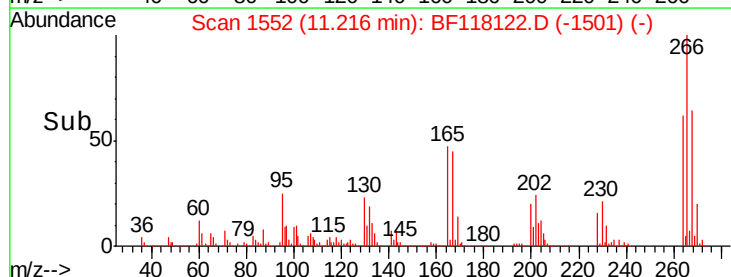


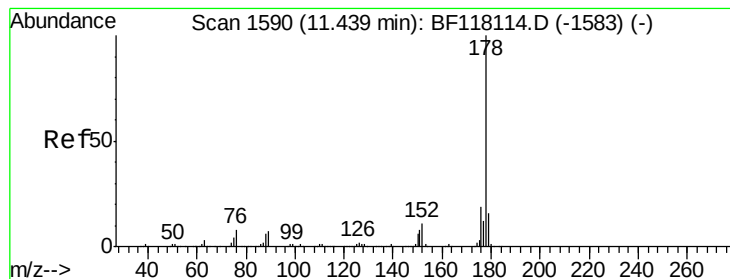
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.134 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

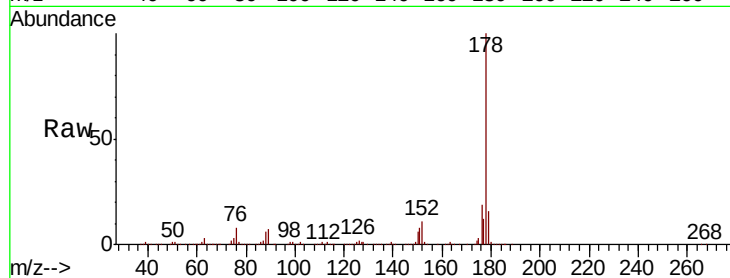
Tot Ion:178 Resp: 1377823

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

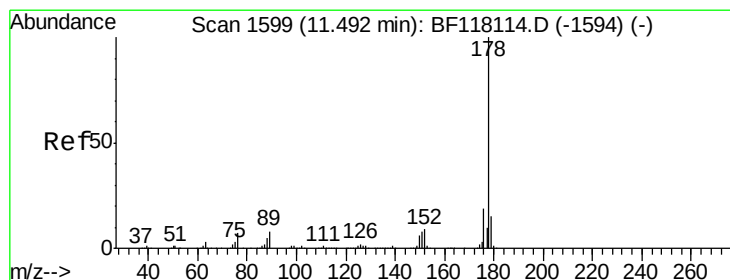
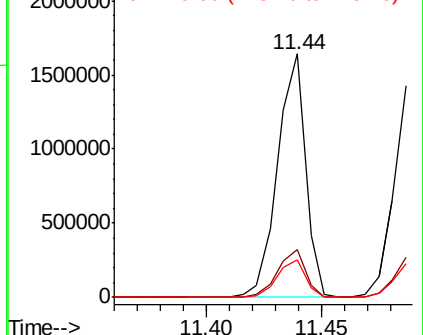
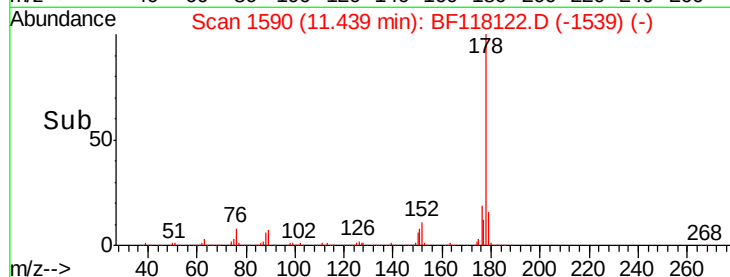
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.230 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

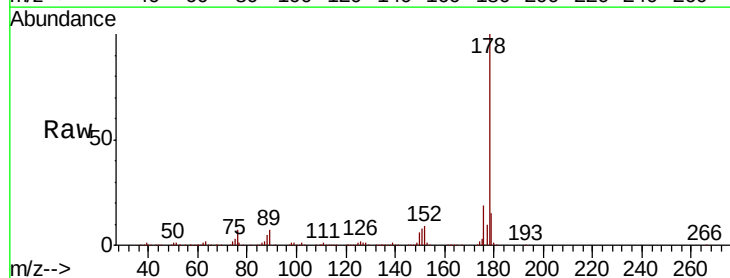
Tgt Ion:178 Resp: 1418591

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

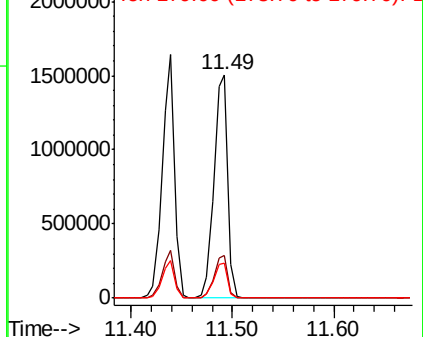
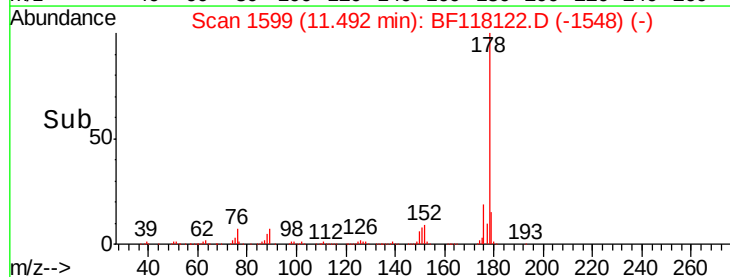
179 15.4 12.2 18.4

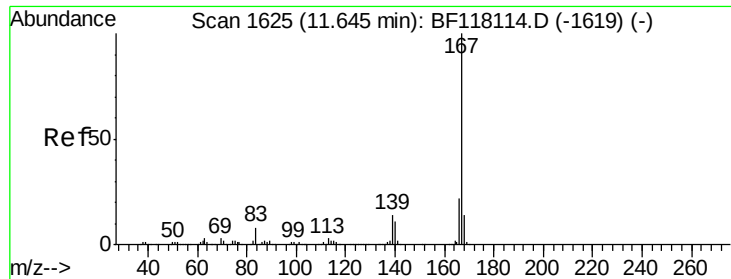


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



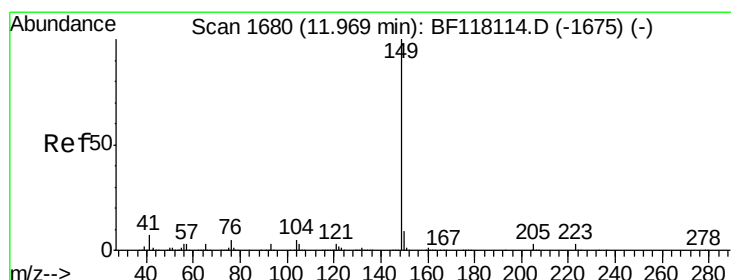
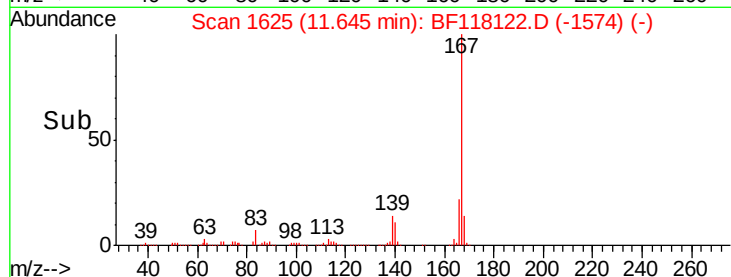
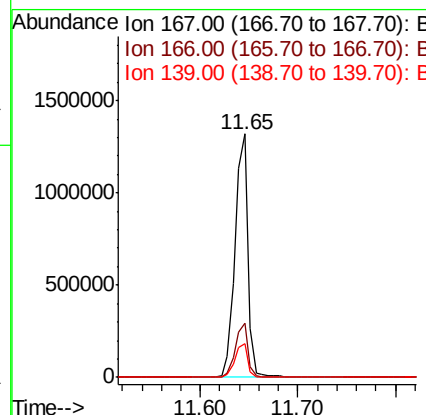
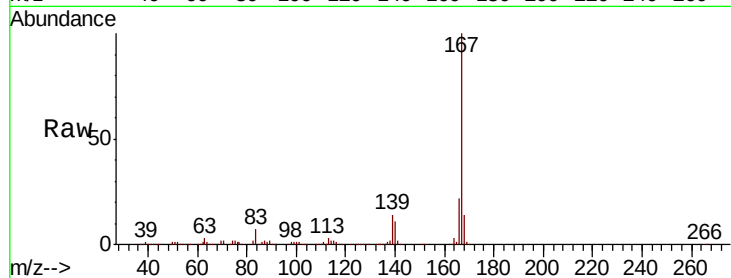


#73
 Carbazole
 Concen: 33.777 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1220283

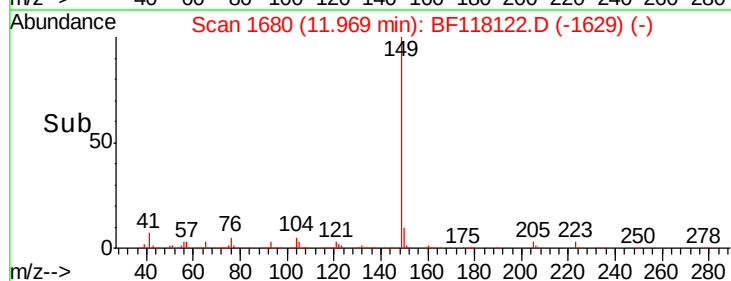
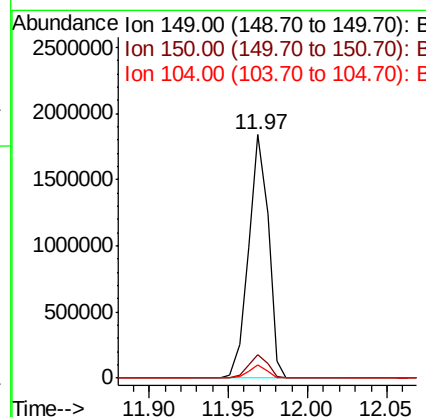
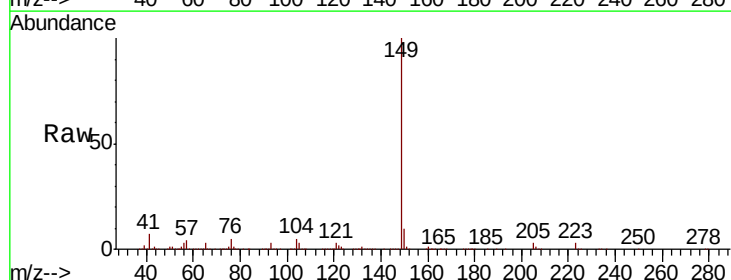
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.8	11.4	17.0

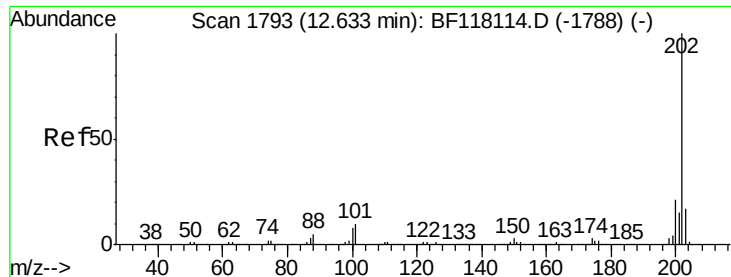


#74
 Di-n-butylphthalate
 Concen: 35.138 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion:149 Resp: 1588759

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.3	4.3	6.5

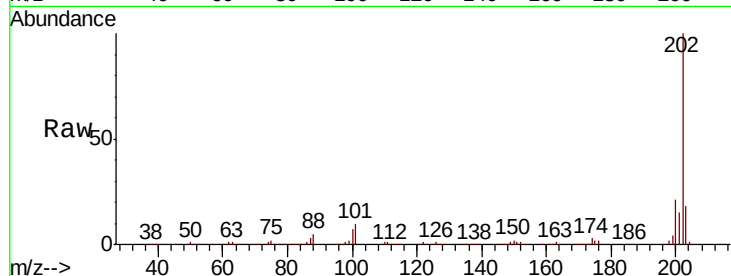




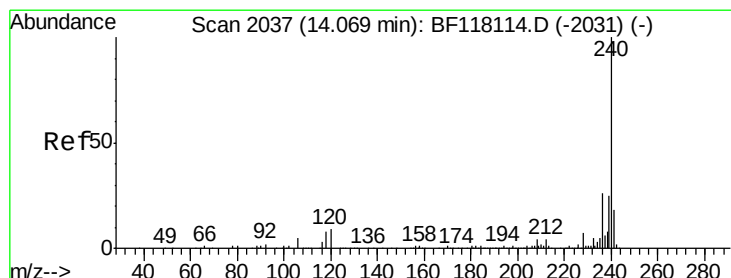
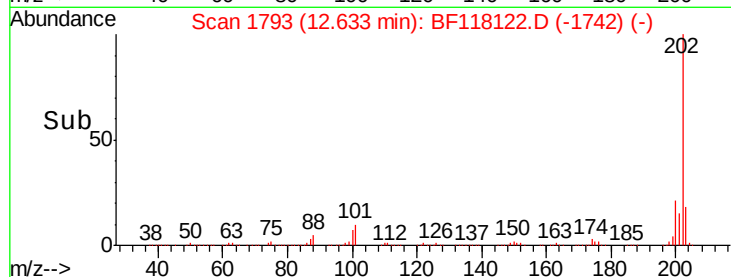
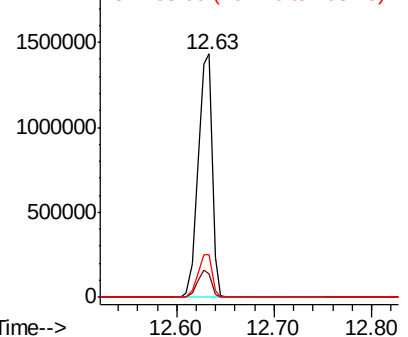
#75
 Fluoranthene
 Concen: 34.419 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1420449
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.4
 203 17.6 0.0 37.2

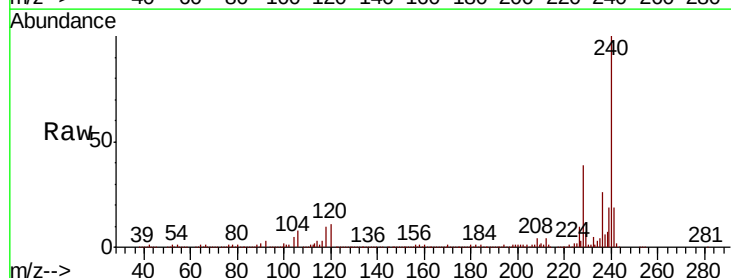


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

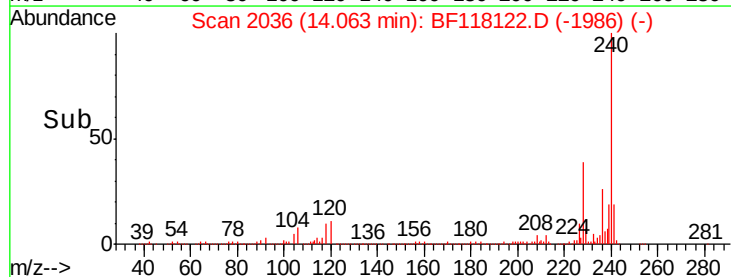
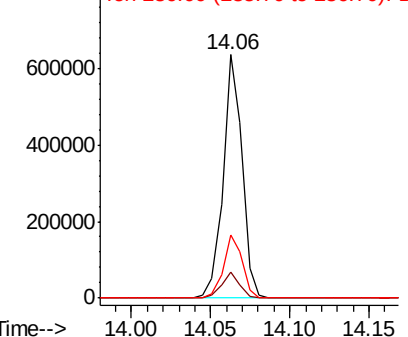


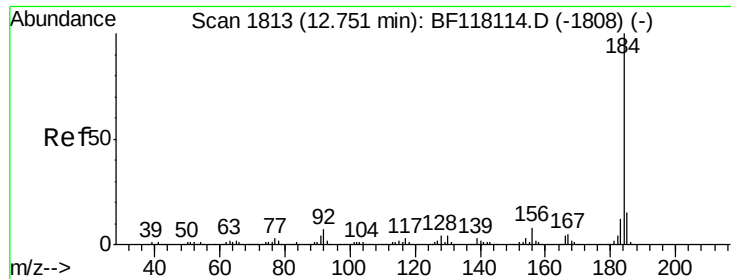
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion:240 Resp: 527648
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.1 10.7#
 236 25.9 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.951 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

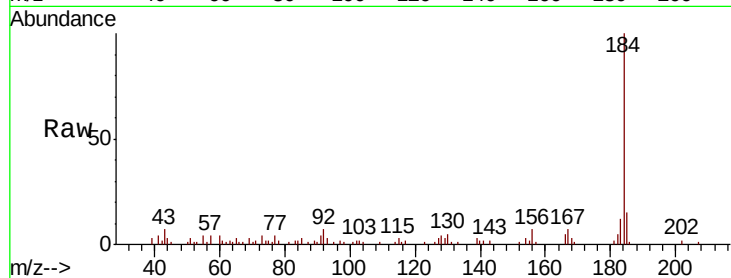
Tot Ion:184 Resp: 40995

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

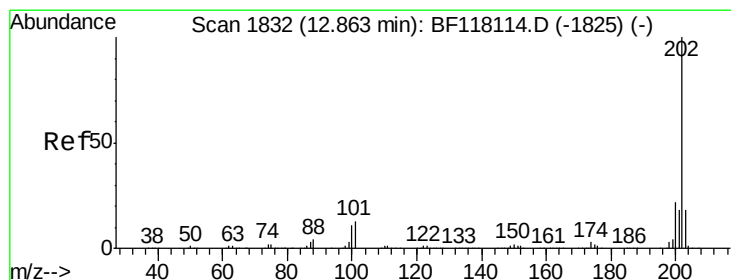
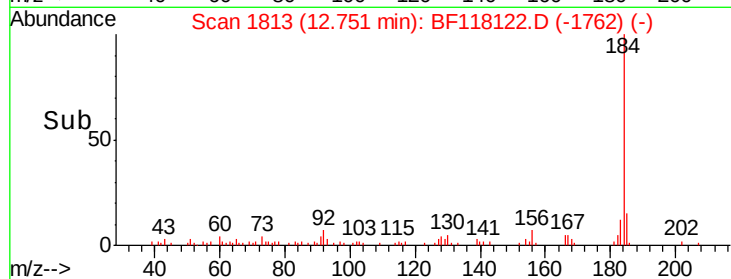
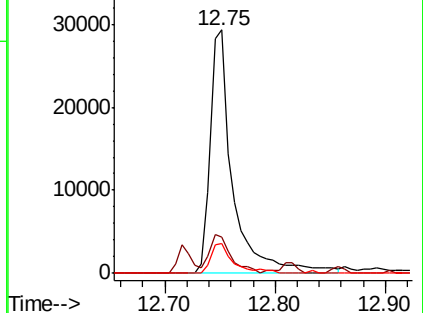
183 12.3 9.9 14.9



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: 34.254 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

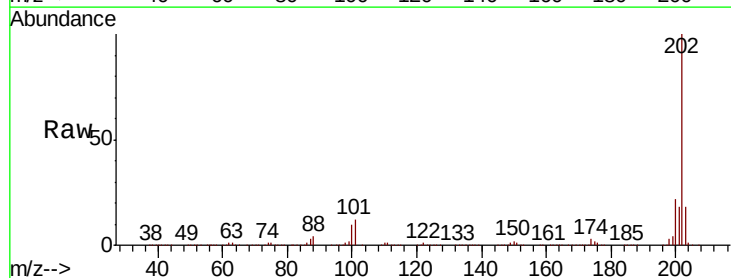
Tgt Ion:202 Resp: 1424331

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

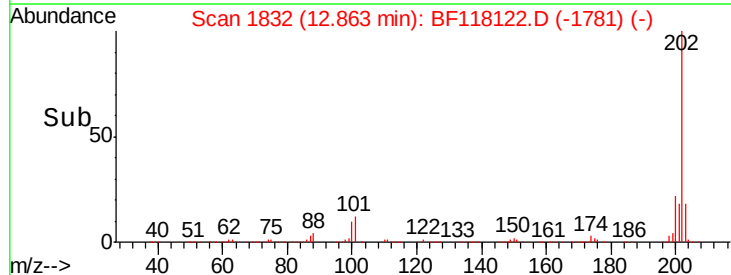
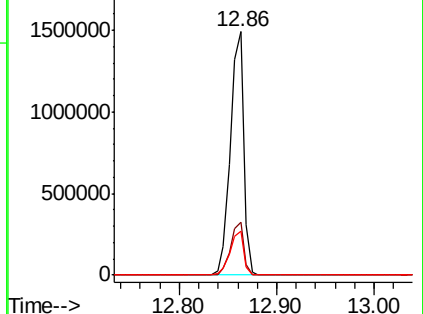
203 17.8 14.6 21.8

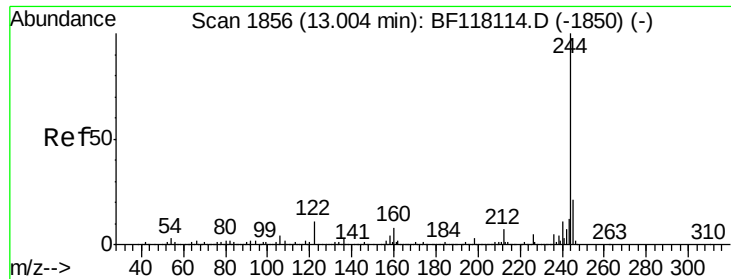


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.473 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

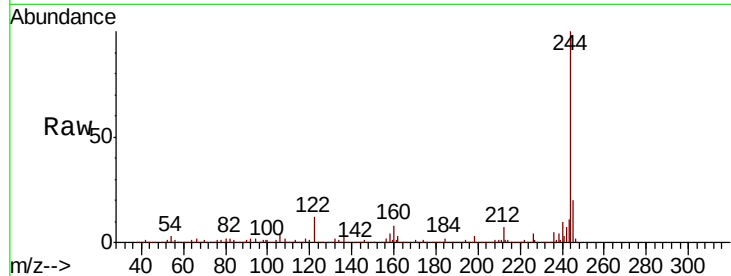
Tot Ion:244 Resp: 1702119

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

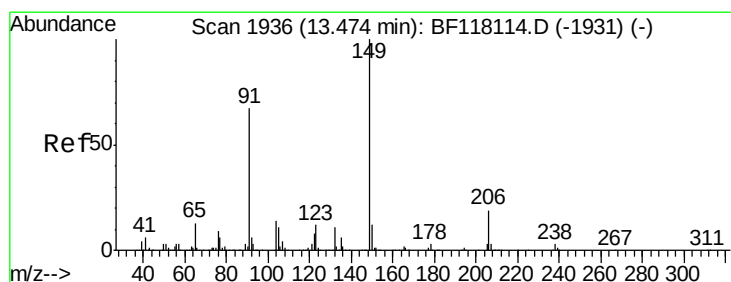
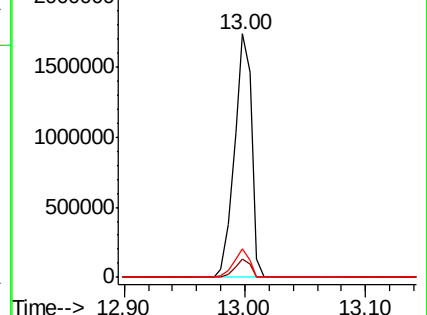
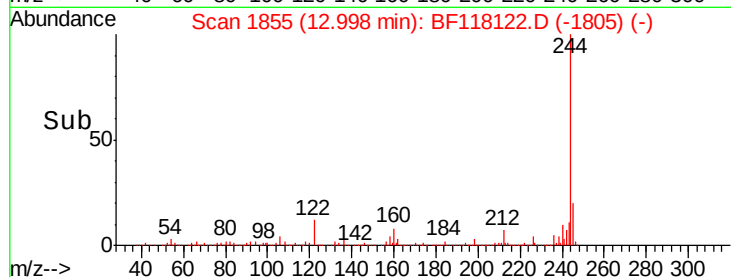
122 11.8 9.0 13.6



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: 34.702 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

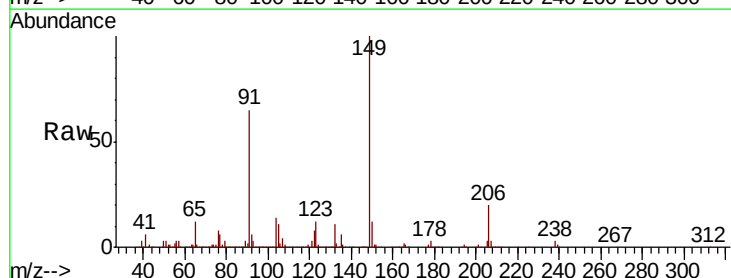
Tgt Ion:149 Resp: 653487

Ion Ratio Lower Upper

149 100

91 65.3 53.9 80.9

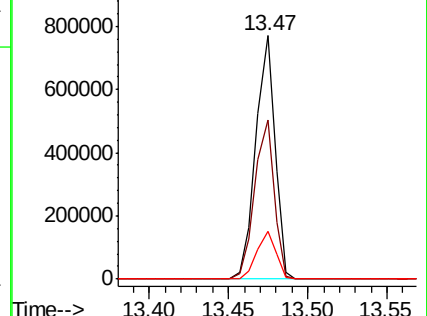
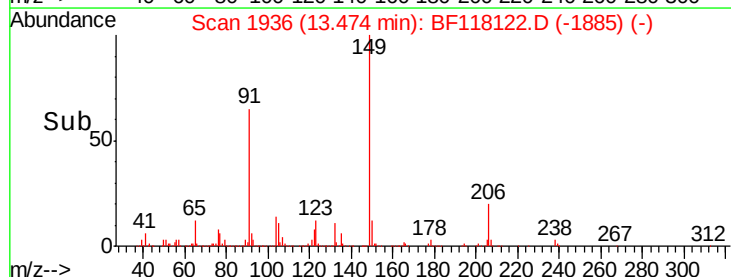
206 19.5 15.2 22.8

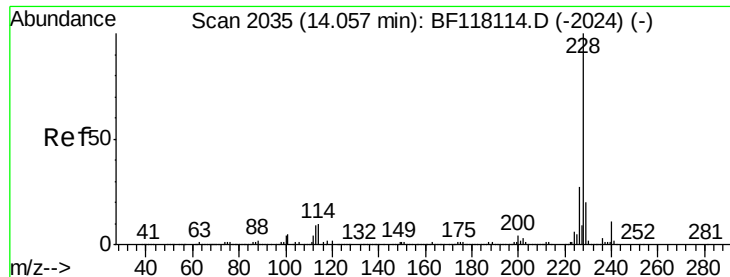


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.772 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

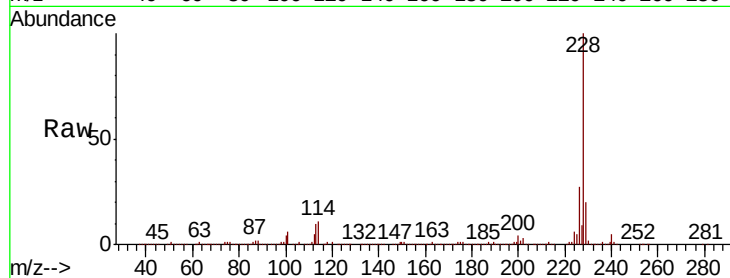
Tot Ion:228 Resp: 1195704

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

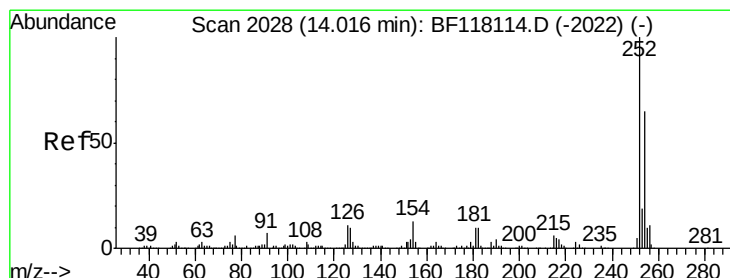
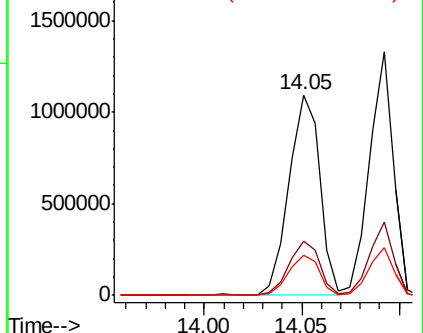
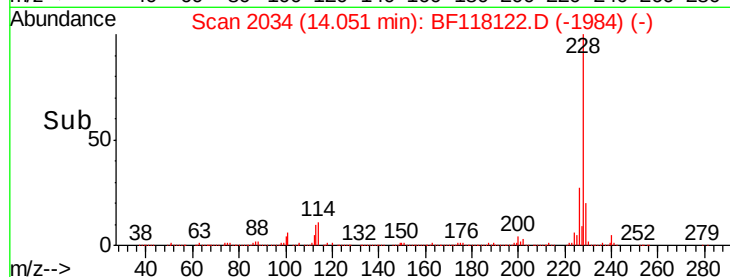
229 20.0 15.8 23.8



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: 29.311 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

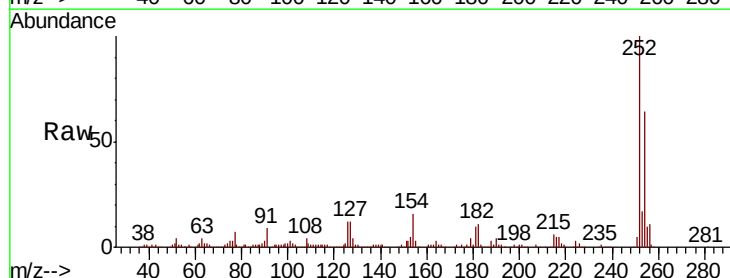
Tgt Ion:252 Resp: 351219

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

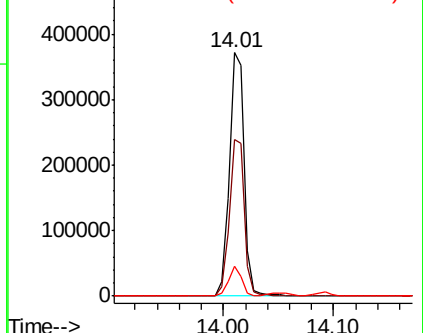
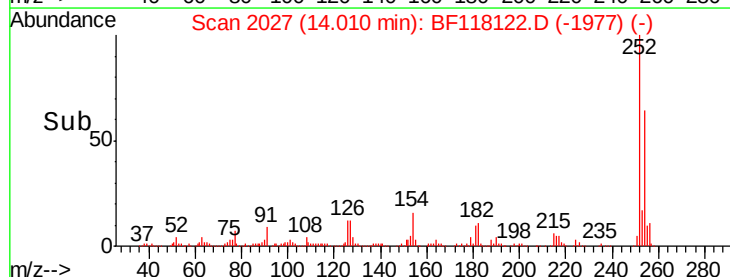
126 12.0 8.6 13.0

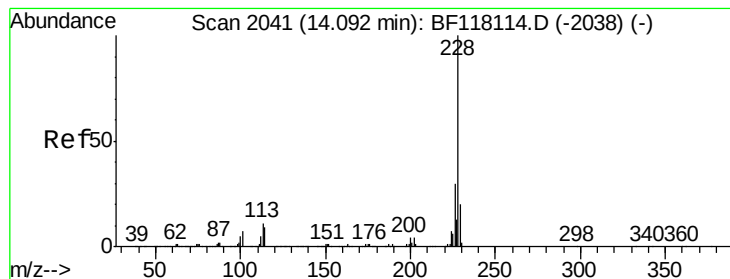


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 32.590 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

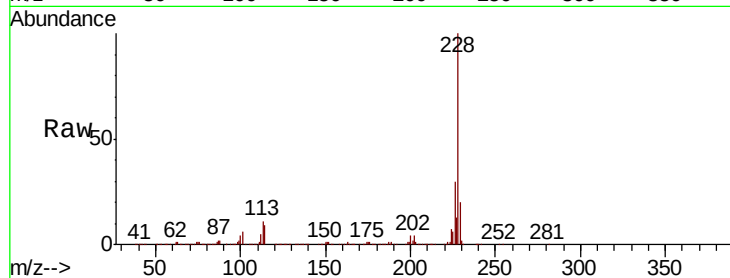
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1135818

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.6	15.7	23.5

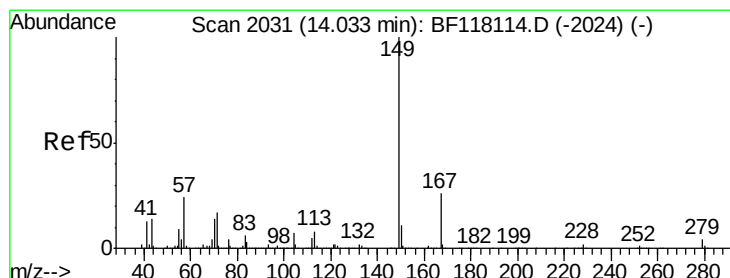
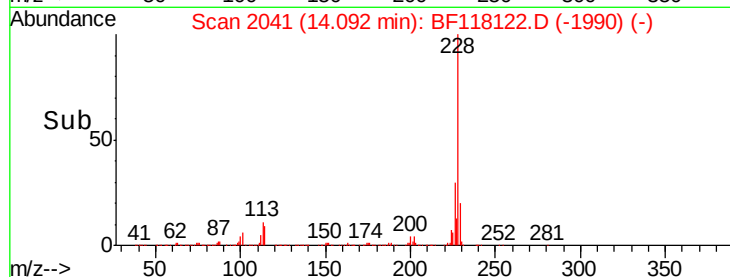
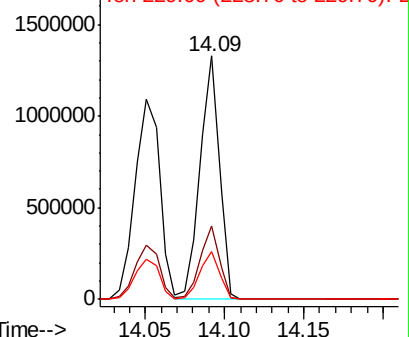


Abundance

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: 35.258 ng

RT: 14.03 min Scan# 2031

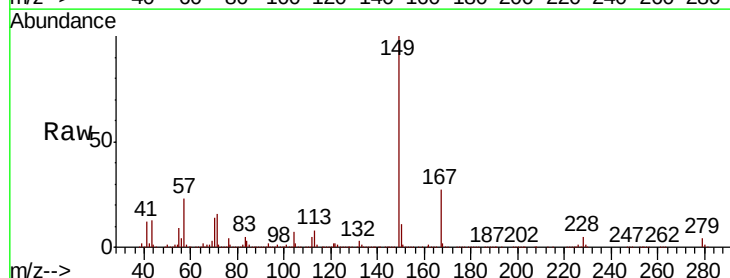
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:149 Resp: 875507

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	4.2	2.9	4.3

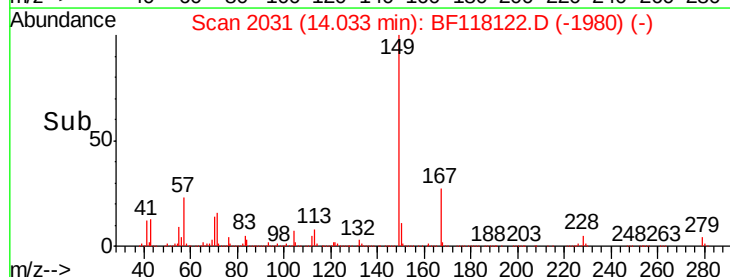
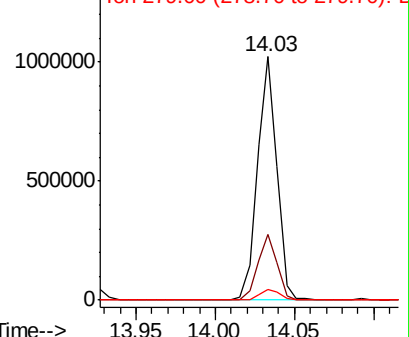


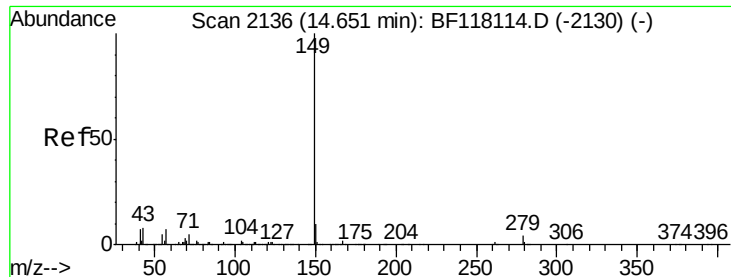
Abundance

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: 34.602 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

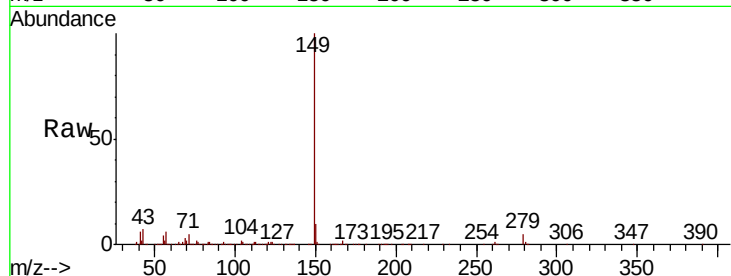
Tot Ion:149 Resp: 1301542

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

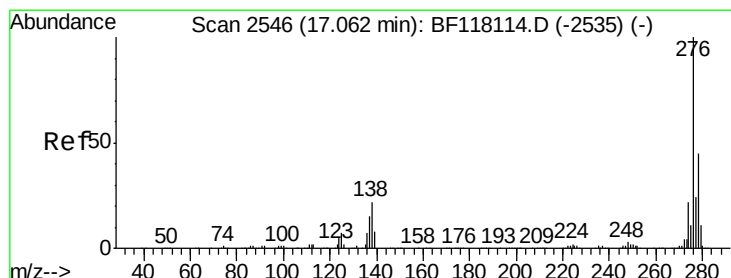
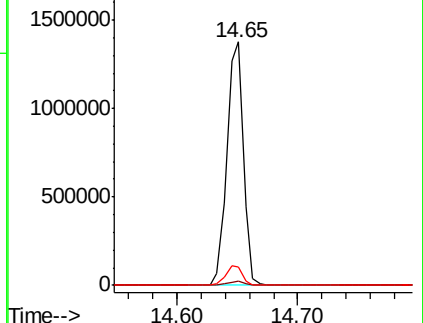
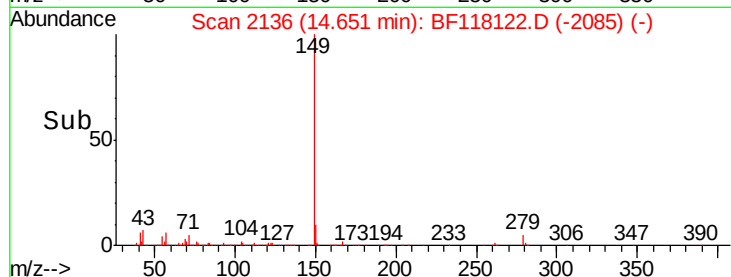
43 8.0 6.5 9.7



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: 30.594 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

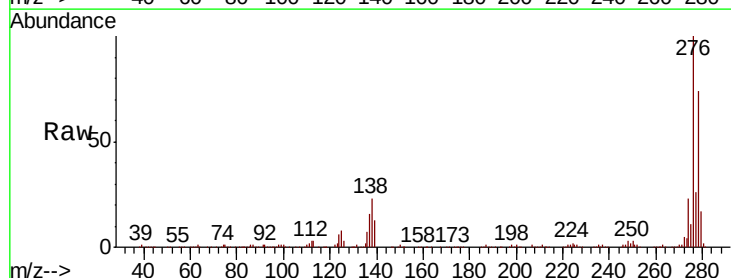
Tgt Ion:276 Resp: 897165

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

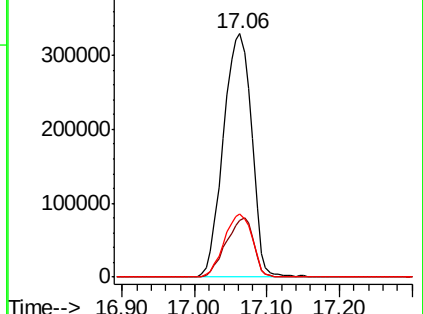
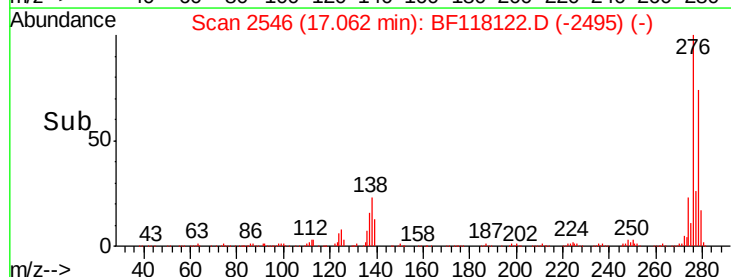
277 25.7 20.4 30.6

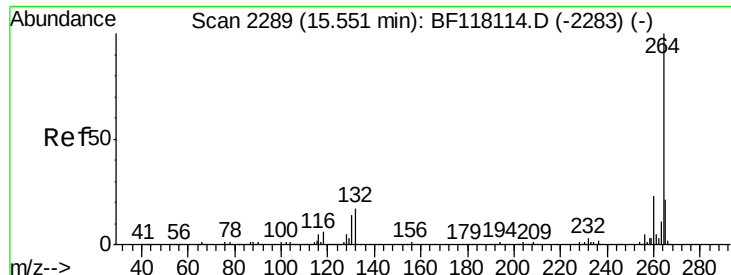


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

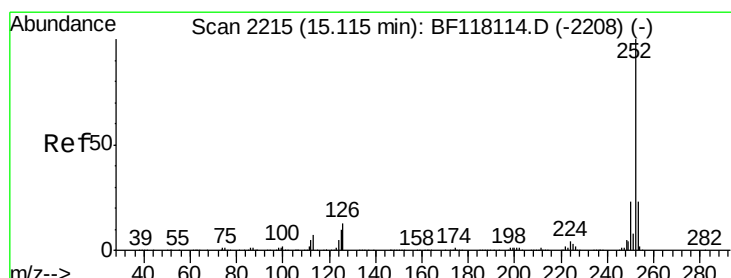
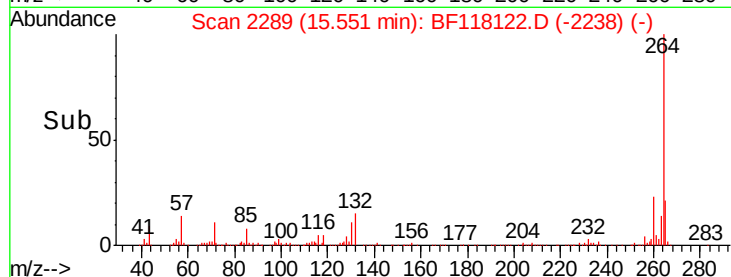
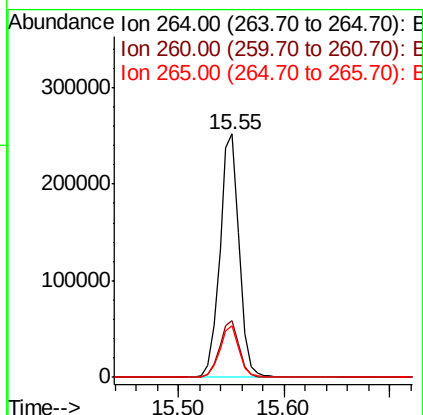
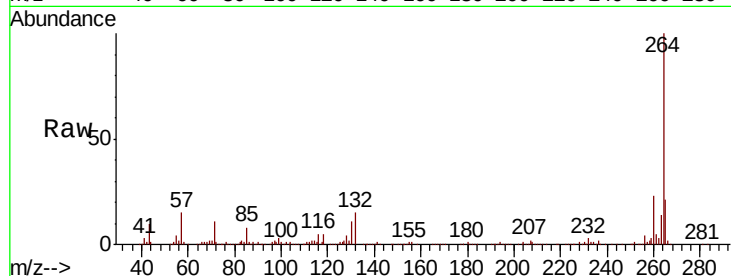




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

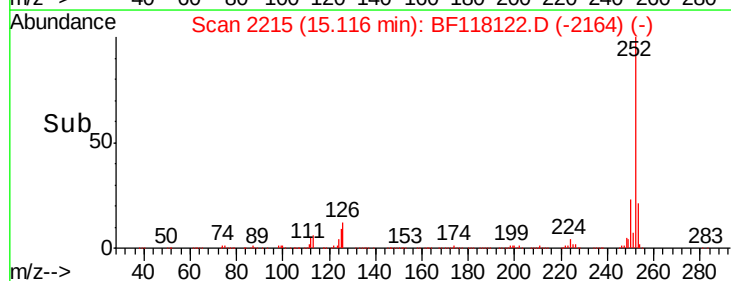
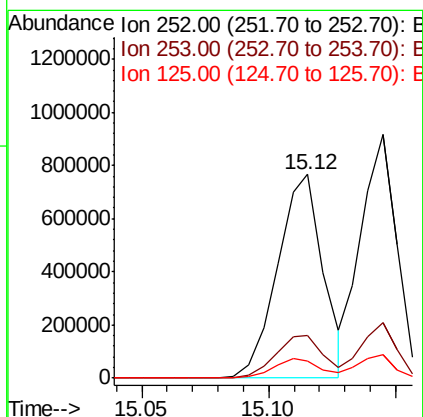
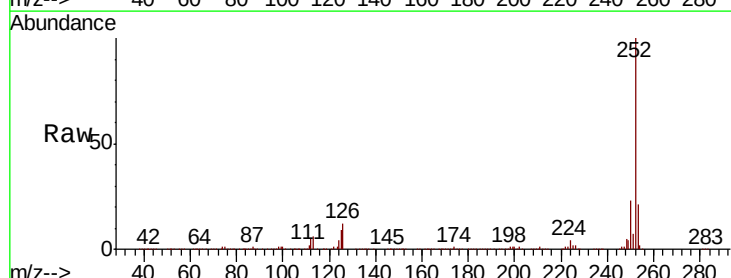
Instrument :
BNA_F
ClientSampleId :

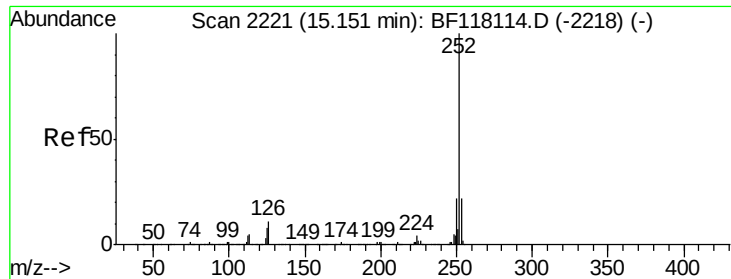
Tot Ion:264 Resp: 320283
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.1 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 45.353 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:252 Resp: 960691
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 8.6 8.3 12.5

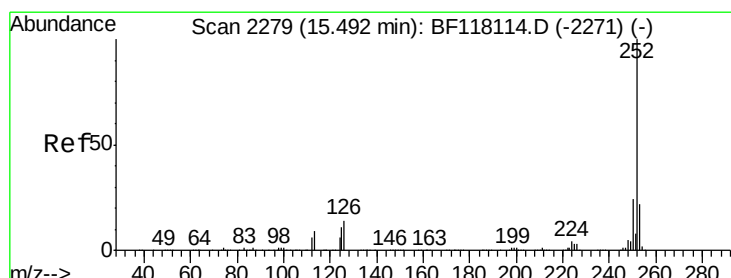
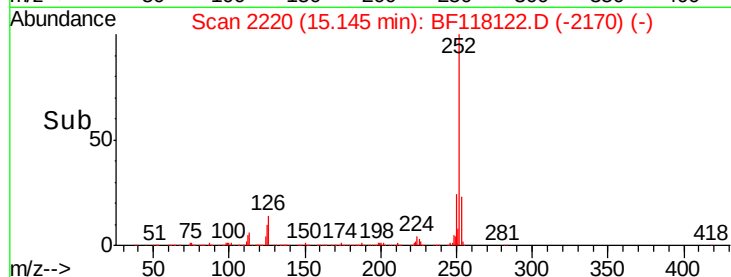
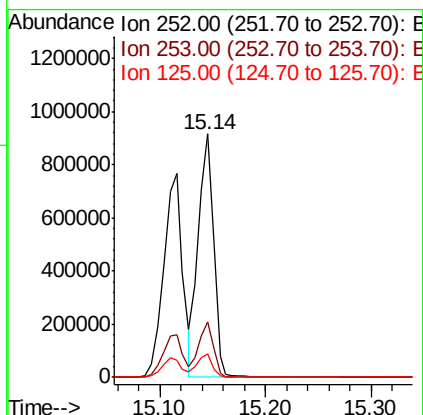
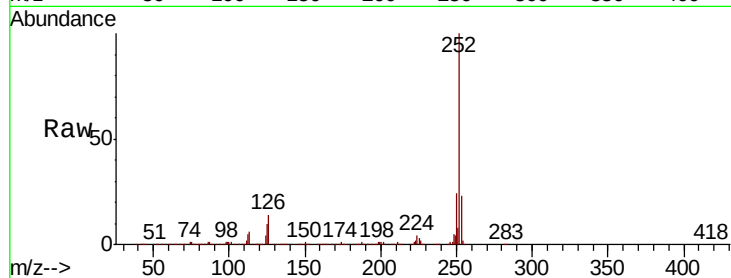




#89
Benzo(k)fluoranthene
Concen: 44.750 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

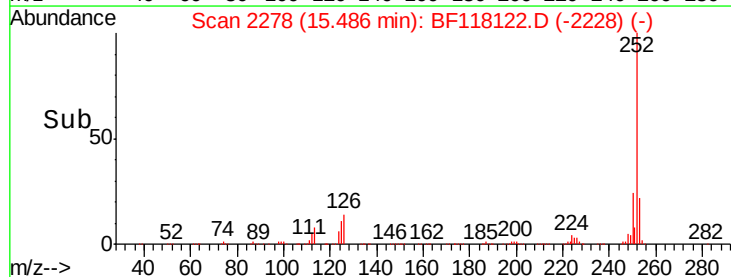
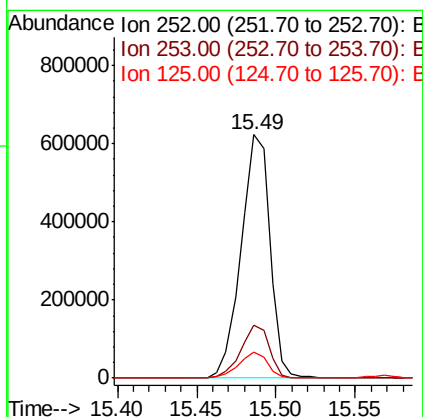
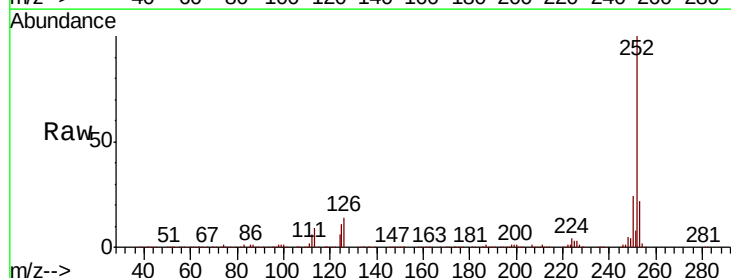
Instrument :
BNA_F
ClientSampleId :

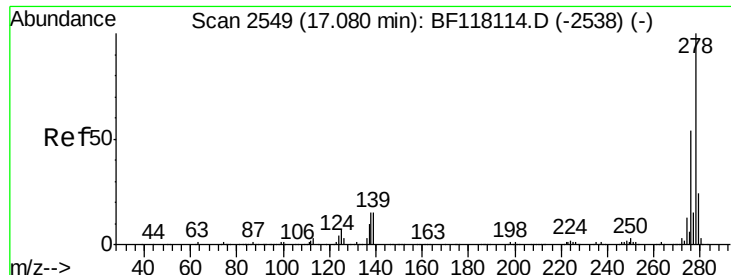
Tot Ion:252 Resp: 910623
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.9 6.7 10.1



#90
Benzo(a)pyrene
Concen: 42.283 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:252 Resp: 791034
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.7 9.1 13.7



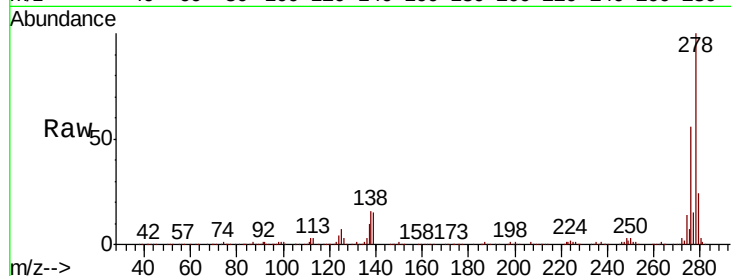


#91
Dibenzo(a,h)anthracene
Concen: 47.874 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

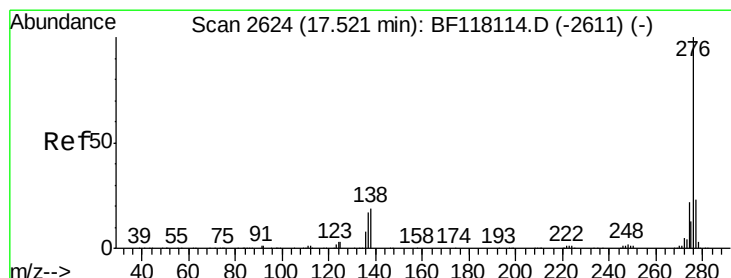
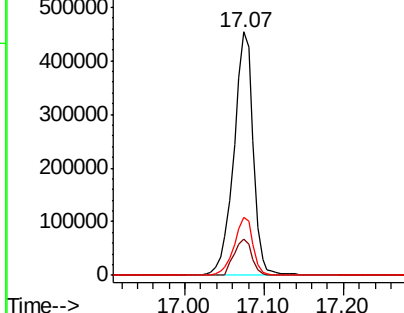
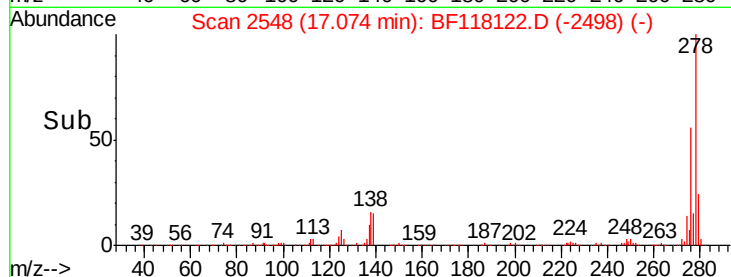
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 768194

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.1	19.0	28.4



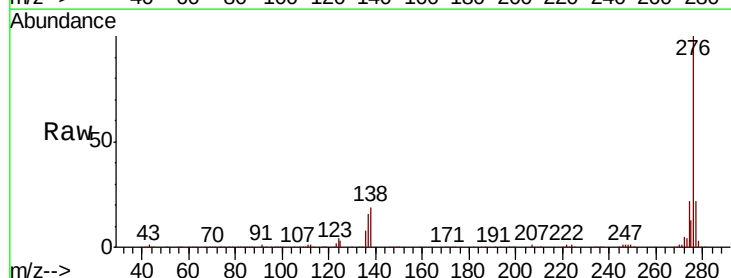
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.062 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:276 Resp: 771928

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.2	27.4
138	19.3	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

