

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
 Data File : BF118302.D
 Acq On : 24 Dec 2019 11:56
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 24 14:48:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147879	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	593980	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	317366	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	595074	20.00	ng	0.00
76) Chrysene-d12	14.05	240	419468	20.00	ng	0.00
87) Perylene-d12	15.53	264	366552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	674908	79.94	ng	0.00
7) Phenol-d6	6.49	99	820867	80.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	779554	73.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	301944	78.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1609123	77.15	ng	0.00
79) Terphenyl-d14	12.99	244	1888462	77.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	131981	37.072	ng	100
3) Pyridine	3.33	79	355270	38.679	ng	100
4) n-Nitrosodimethylamine	3.29	42	149927	37.944	ng	100
6) Aniline	6.52	93	530631	40.620	ng	100
8) 2-Chlorophenol	6.64	128	379717	39.885	ng	100
9) Benzaldehyde	6.40	77	232766	44.816	ng	100
10) Phenol	6.50	94	465052	39.931	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	333588	39.604	ng	100
12) 1,3-Dichlorobenzene	6.79	146	434789	39.095	ng	100
13) 1,4-Dichlorobenzene	6.87	146	444912	39.728	ng	100
14) 1,2-Dichlorobenzene	7.02	146	420305	39.965	ng	100
15) Benzyl Alcohol	7.00	79	318192	39.915	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	354677	35.021	ng	100
17) 2-Methylphenol	7.11	107	305035	40.284	ng	100
18) Hexachloroethane	7.36	117	162208	39.309	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	252756	40.731	ng	100
20) 3+4-Methylphenols	7.26	107	397152	41.757	ng	100
22) Acetophenone	7.27	105	551009	38.613	ng	100
24) Nitrobenzene	7.44	77	391648	37.755	ng	100
25) Isophorone	7.68	82	676193	37.780	ng	100
26) 2-Nitrophenol	7.76	139	208269	37.564	ng	100
27) 2,4-Dimethylphenol	7.79	122	280968	37.991	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	444570	38.012	ng	100
29) 2,4-Dichlorophenol	8.00	162	323892	37.567	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	377920	37.508	ng	100
31) Naphthalene	8.16	128	1139998	38.215	ng	100
32) Benzoic acid	7.93	122	223570	33.481	ng	100
33) 4-Chloroaniline	8.21	127	488359	37.914	ng	100
34) Hexachlorobutadiene	8.27	225	226540	37.495	ng	100
35) Caprolactam	8.59	113	103751	39.022	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	346300	38.168	ng	100
37) 2-Methylnaphthalene	8.86	142	785895	38.914	ng	100
38) 1-Methylnaphthalene	8.96	142	729016	38.445	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	360519	37.499	ng	100

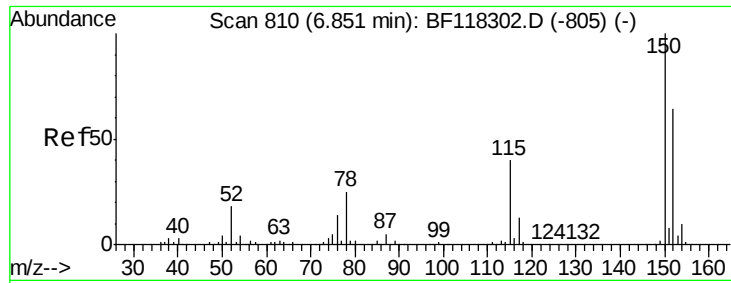
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	120868	28.059	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	241520	37.625	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	249818	37.563	ng	100
46) 1,1'-Biphenyl	9.32	154	957139	38.239	ng	100
47) 2-Chloronaphthalene	9.35	162	780171	38.748	ng	100
48) 2-Nitroaniline	9.45	65	217701	37.915	ng	100
49) Acenaphthylene	9.76	152	1154244	38.867	ng	100
50) Dimethylphthalate	9.62	163	901127	38.441	ng	100
51) 2,6-Dinitrotoluene	9.69	165	195498	38.353	ng	100
52) Acenaphthene	9.93	154	698215	38.520	ng	100
53) 3-Nitroaniline	9.86	138	233650	38.950	ng	100
54) 2,4-Dinitrophenol	9.97	184	87933	34.674	ng	100
55) Dibenzofuran	10.11	168	1041545	39.215	ng	100
56) 4-Nitrophenol	10.02	139	143603	34.494	ng	100
57) 2,4-Dinitrotoluene	10.10	165	262678	38.609	ng	100
58) Fluorene	10.45	166	841727	39.879	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	215566	39.288	ng	100
60) Diethylphthalate	10.32	149	904249	39.151	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	420549	39.599	ng	100
62) 4-Nitroaniline	10.47	138	244309	39.049	ng	100
63) Azobenzene	10.60	77	769303	39.018	ng	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	124786	37.971	ng	100
66) n-Nitrosodiphenylamine	10.56	169	728140	39.183	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	263721	38.823	ng	100
68) Hexachlorobenzene	11.00	284	308535	38.589	ng	100
69) Atrazine	11.09	200	233237	49.495	ng	100
70) Pentachlorophenol	11.20	266	138126	36.736	ng	100
71) Phenanthrene	11.42	178	1238123	39.140	ng	100
72) Anthracene	11.47	178	1240456	39.309	ng	100
73) Carbazole	11.63	167	1094181	38.645	ng	100
74) Di-n-butylphthalate	11.95	149	1411582	39.836	ng	100
75) Fluoranthene	12.62	202	1271321	39.309	ng	100
77) Benzidine	12.73	184	477557	43.247	ng	100
78) Pyrene	12.84	202	1261770	38.171	ng	100
80) Butylbenzylphthalate	13.46	149	578727	38.658	ng	100
81) Benzo(a)anthracene	14.04	228	1107964	38.199	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	394121	41.374	ng	100
83) Chrysene	14.07	228	1061970	38.330	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	767911	38.901	ng	100
85) Di-n-octyl phthalate	14.63	149	1127025	37.689	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	844954	36.245	ng	100
88) Benzo(b)fluoranthene	15.10	252	904731	37.320	ng	100
89) Benzo(k)fluoranthene	15.13	252	916776	39.365	ng	100
90) Benzo(a)pyrene	15.47	252	812221	37.935	ng	100
91) Dibenzo(a,h)anthracene	17.05	278	692047	37.685	ng	100
92) Benzo(g,h,i)perylene	17.49	276	669453	37.936	ng	100

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

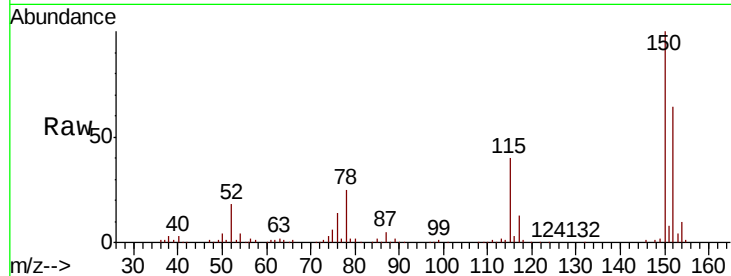


#1

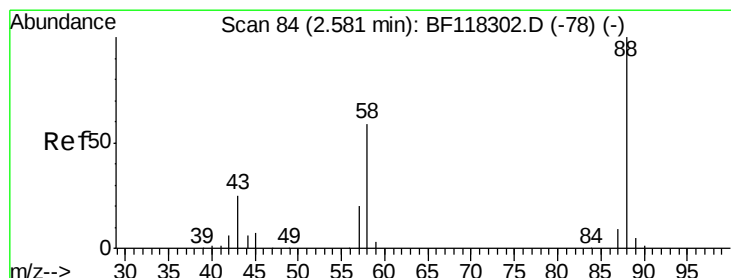
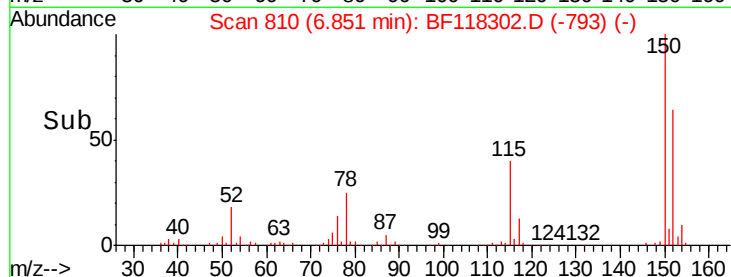
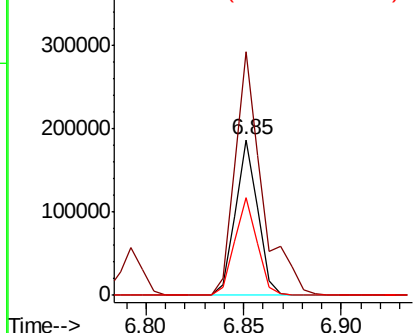
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 147879
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 62.8 50.2 75.4



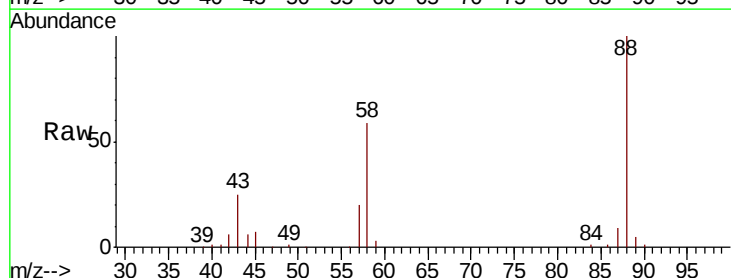
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



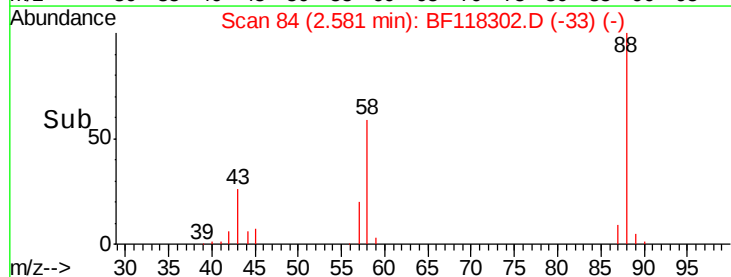
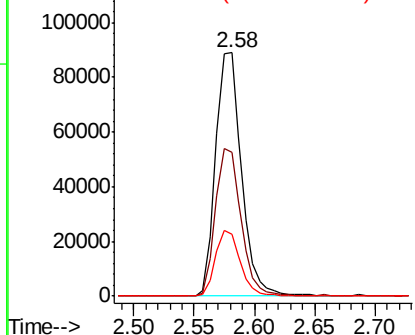
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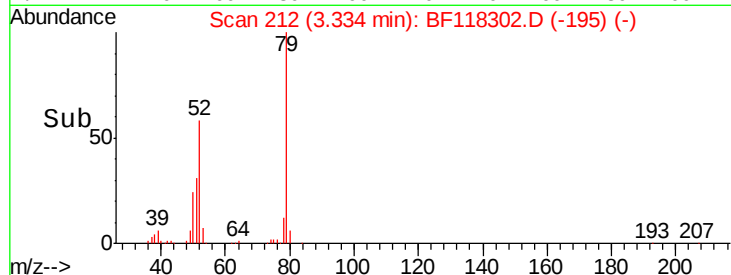
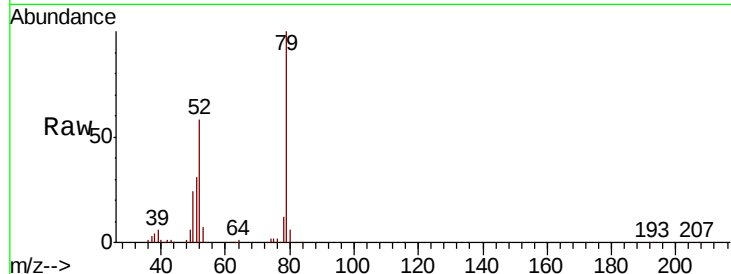
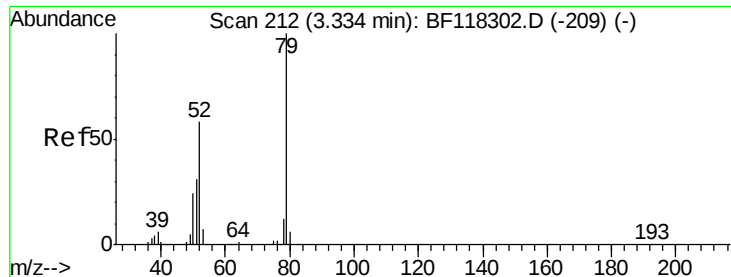
1,4-Dioxane
Concen: 37.072 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion: 88 Resp: 131981
Ion Ratio Lower Upper
88 100
58 59.5 47.6 71.4
43 25.7 20.6 30.8



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



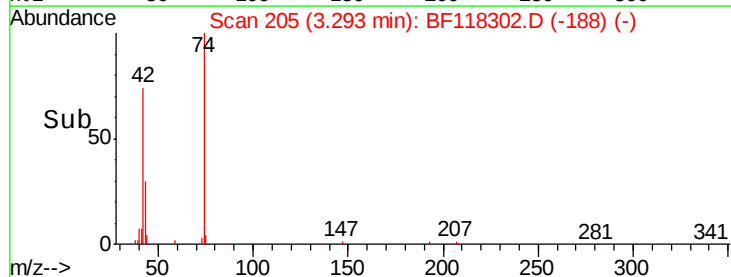
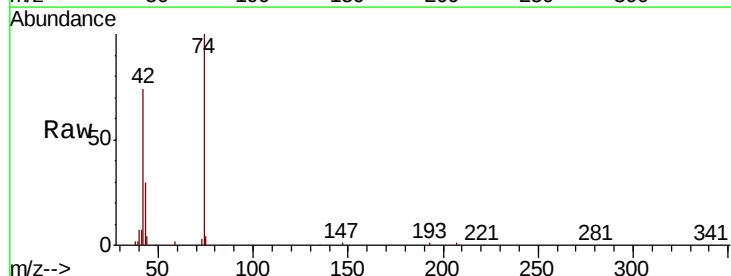
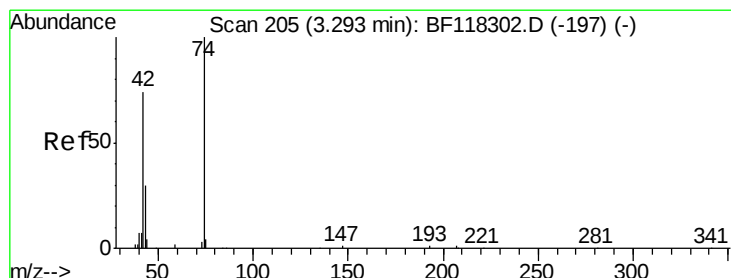
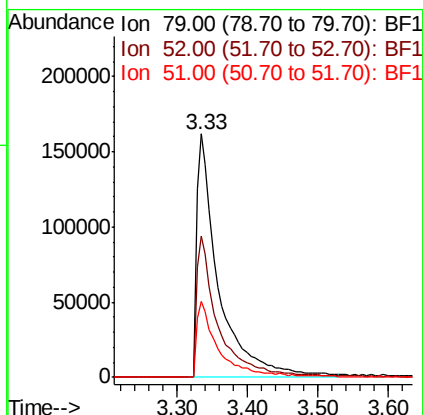


#3
 Pvridine
 Concen: 38.679 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion: 79 Resp: 355270

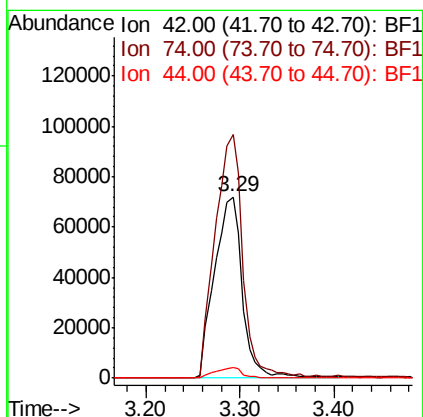
Ion	Ratio	Lower	Upper
79	100		
52	58.0	46.4	69.6
51	31.1	24.9	37.3



#4
 n-Nitrosodimethylamine
 Concen: 37.944 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion: 42 Resp: 149927

Ion	Ratio	Lower	Upper
42	100		
74	134.6	107.7	161.5
44	6.0	4.8	7.2





#5

2-Fluorophenol

Concen: 79.935 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

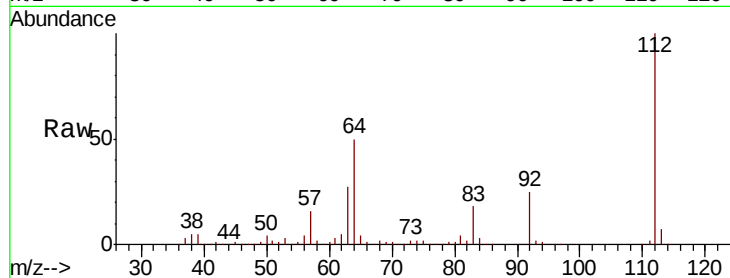
Tot Ion: 112 Resp: 674908

Ion Ratio Lower Upper

112 100

64 49.6 39.7 59.5

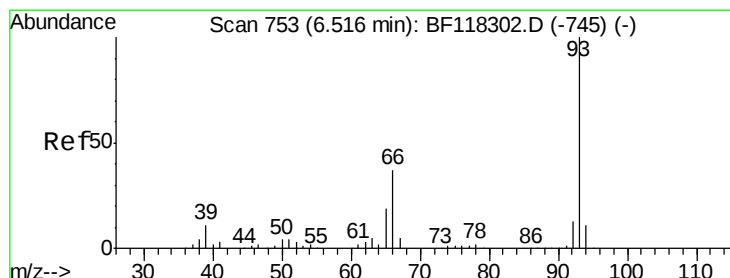
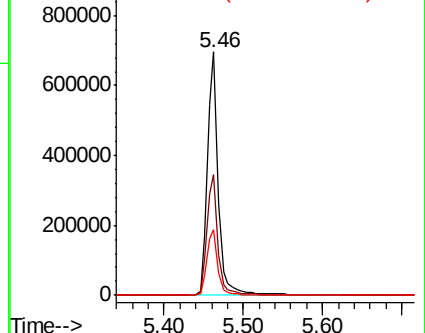
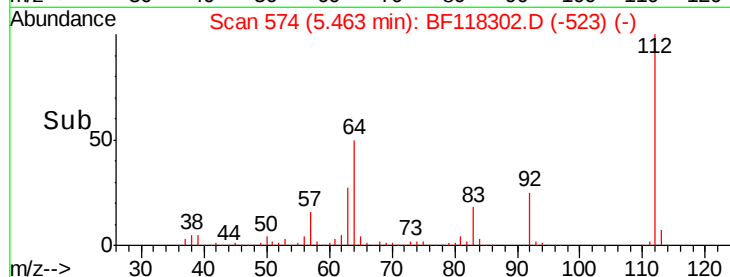
63 27.1 21.7 32.5



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: 40.620 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

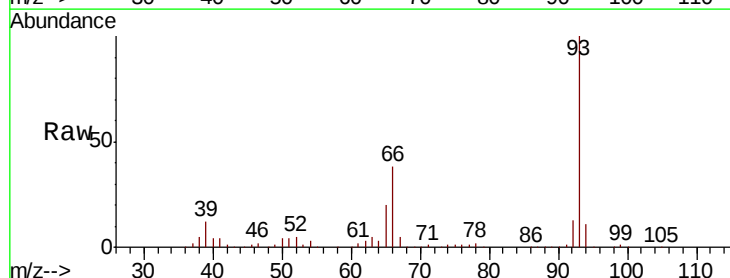
Tgt Ion: 93 Resp: 530631

Ion Ratio Lower Upper

93 100

66 37.8 30.2 45.4

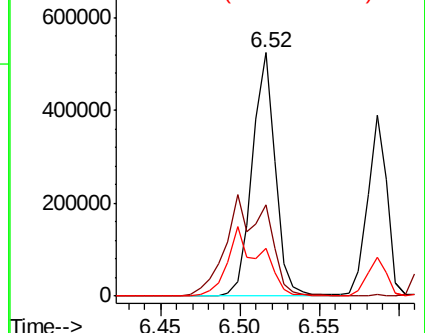
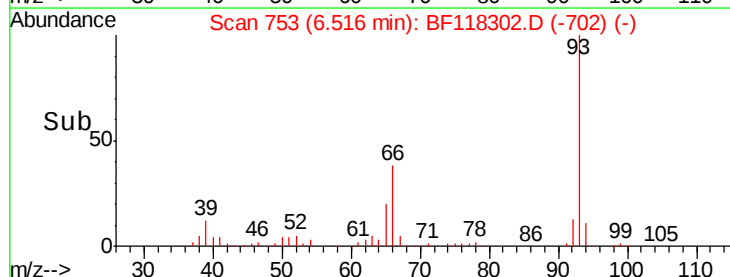
65 19.6 15.7 23.5

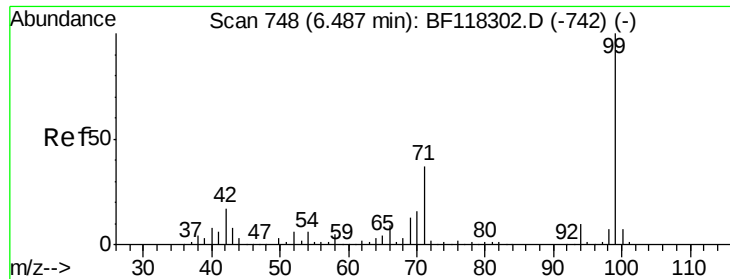


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.381 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

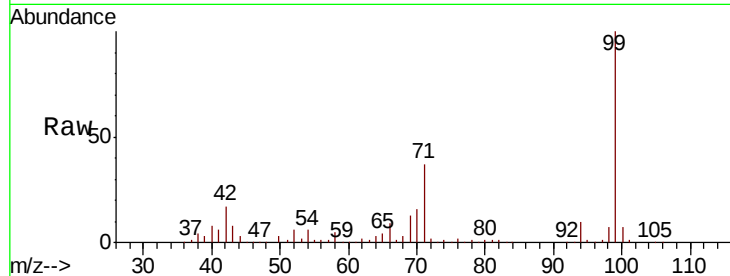
Tot Ion: 99 Resp: 820867

Ion Ratio Lower Upper

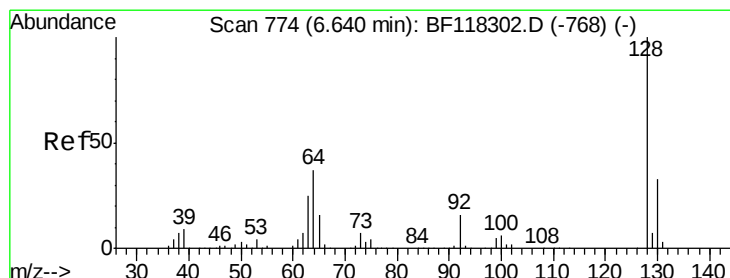
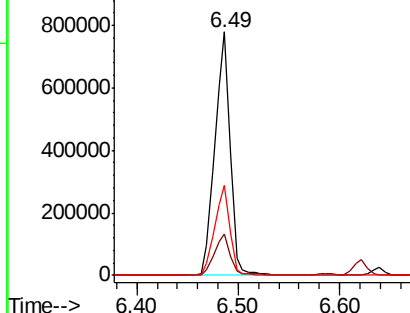
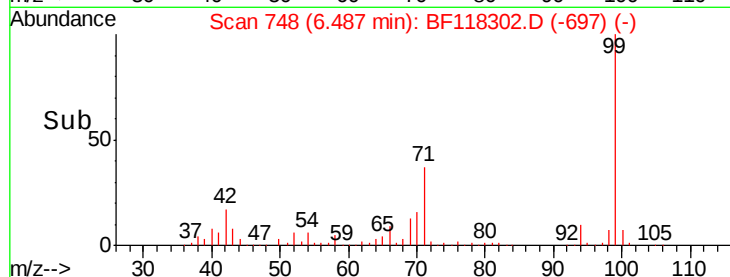
99 100

42 16.9 13.5 20.3

71 36.8 29.4 44.2



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: 39.885 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

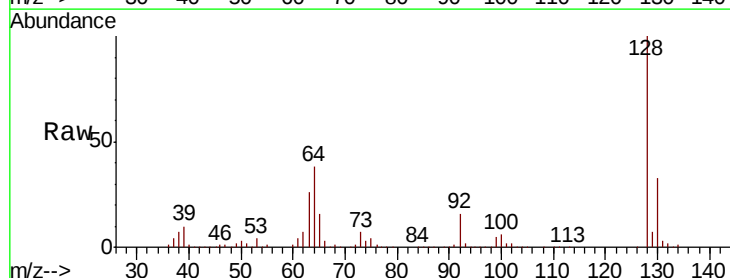
Tgt Ion:128 Resp: 379717

Ion Ratio Lower Upper

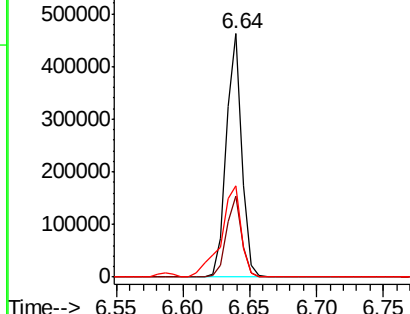
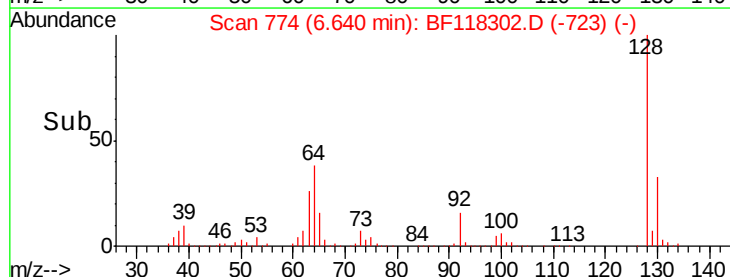
128 100

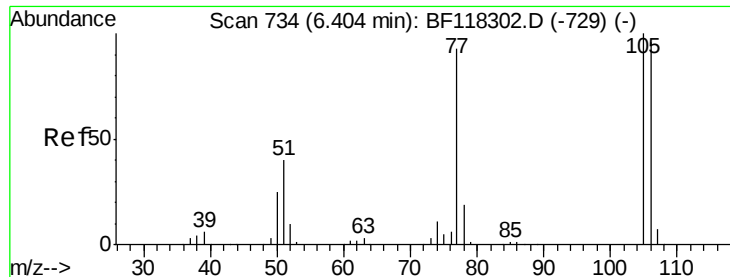
130 33.2 13.2 53.2

64 37.7 17.7 57.7



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: 44.816 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

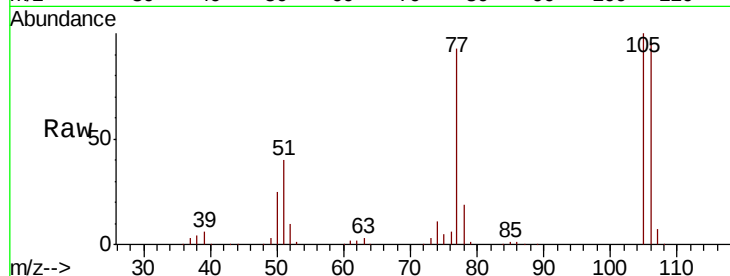
Tot Ion: 77 Resp: 232766

Ion Ratio Lower Upper

77 100

105 107.5 87.5 127.5

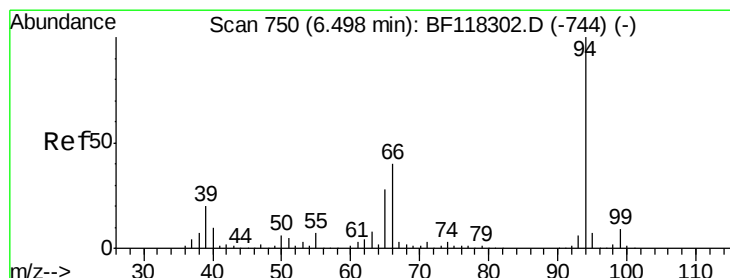
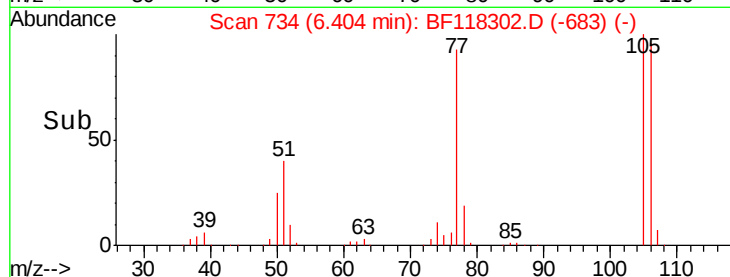
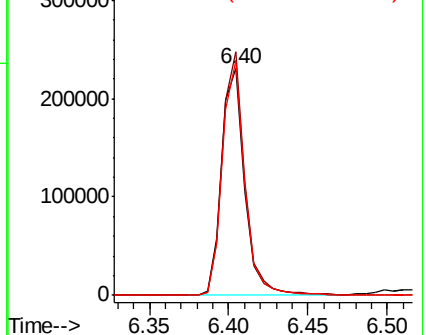
106 103.6 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.931 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

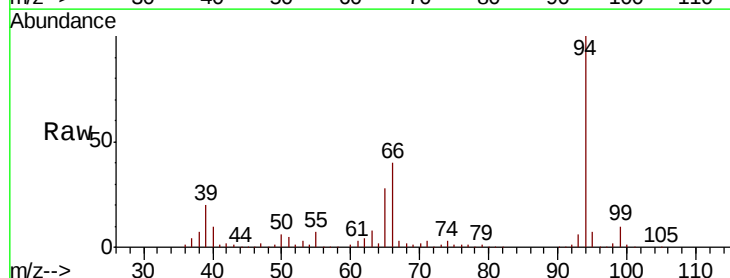
Tgt Ion: 94 Resp: 465052

Ion Ratio Lower Upper

94 100

65 27.8 7.8 47.8

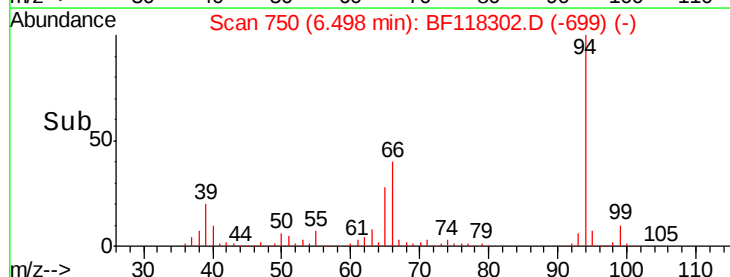
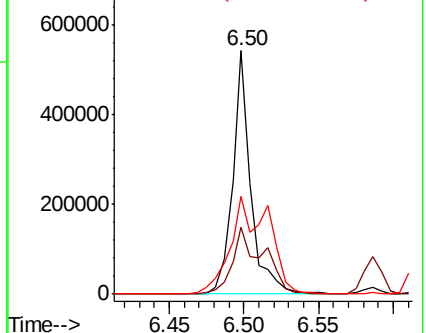
66 40.4 20.4 60.4

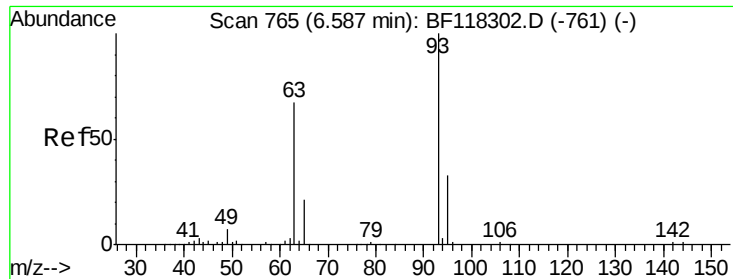


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.604 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

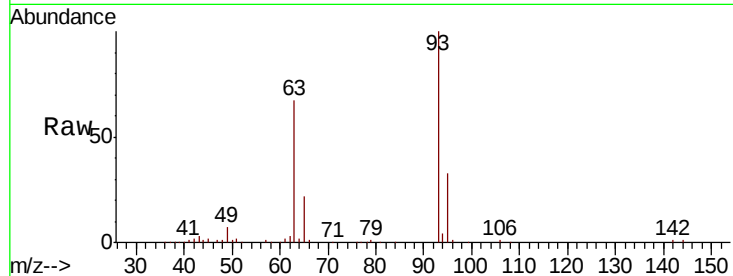
Tot Ion: 93 Resp: 333588

Ion Ratio Lower Upper

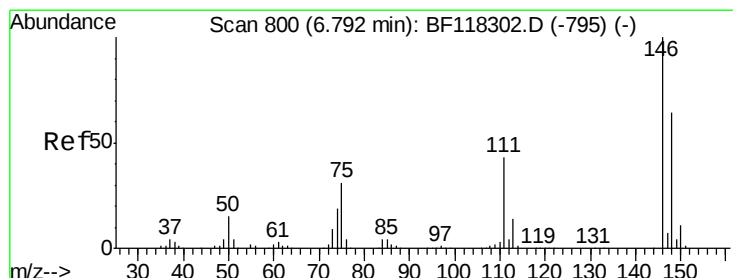
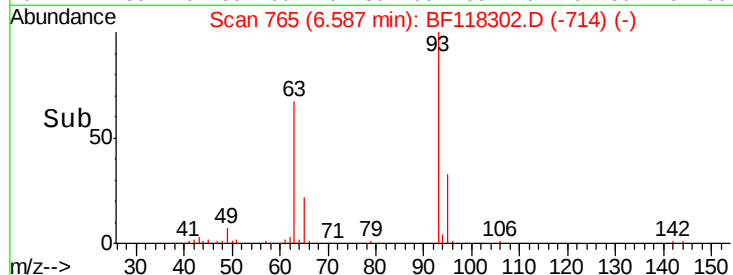
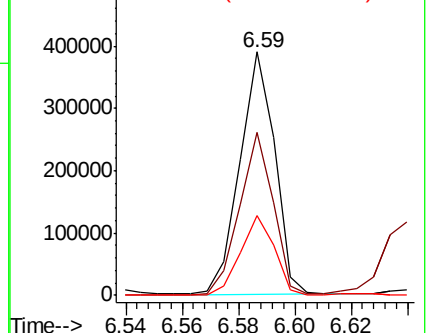
93 100

63 67.0 47.0 87.0

95 32.8 12.8 52.8



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: 39.095 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

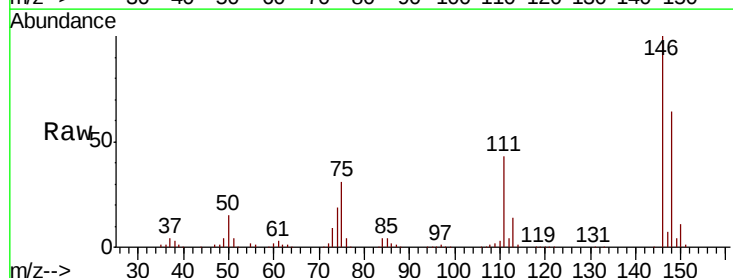
Tgt Ion: 146 Resp: 434789

Ion Ratio Lower Upper

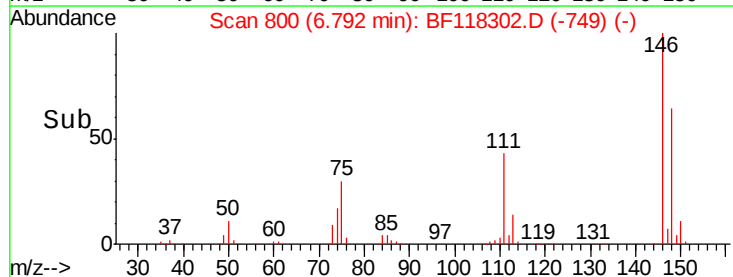
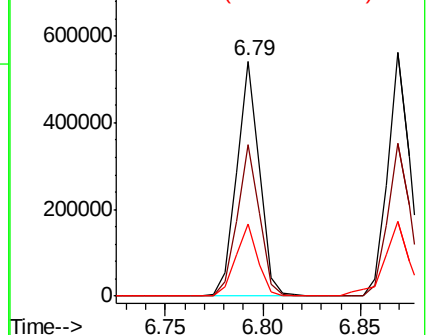
146 100

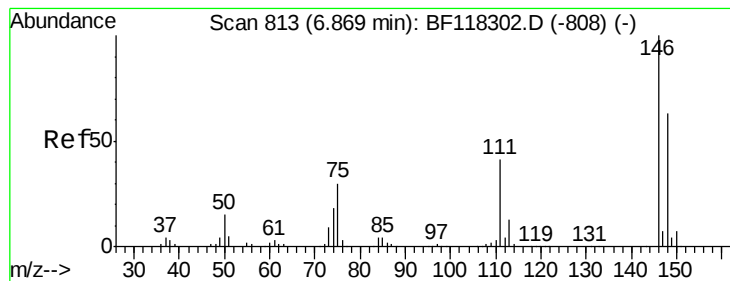
148 64.2 51.4 77.0

75 30.5 24.4 36.6



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: 39.728 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

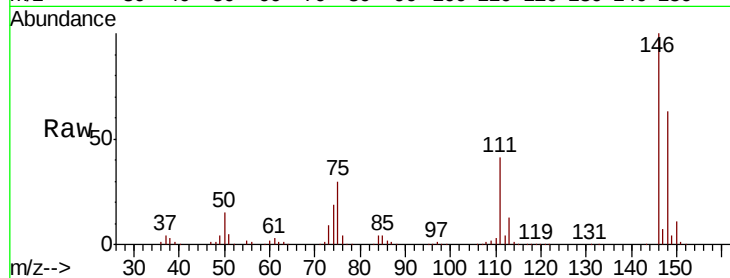
Tot Ion:146 Resp: 444912

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

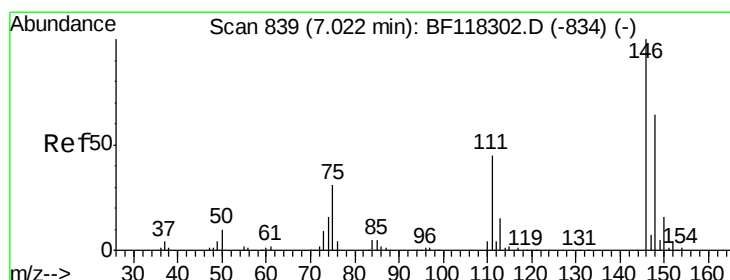
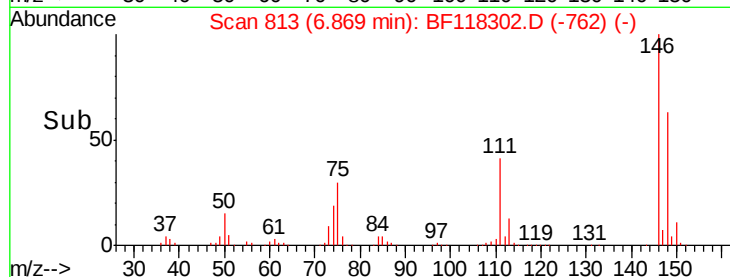
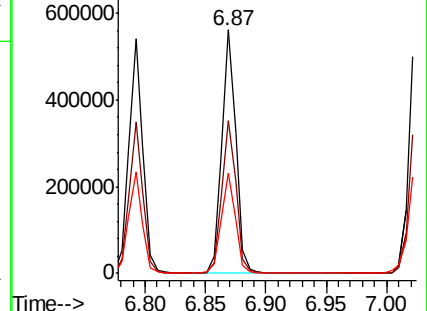
111 41.0 32.8 49.2



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: 39.965 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

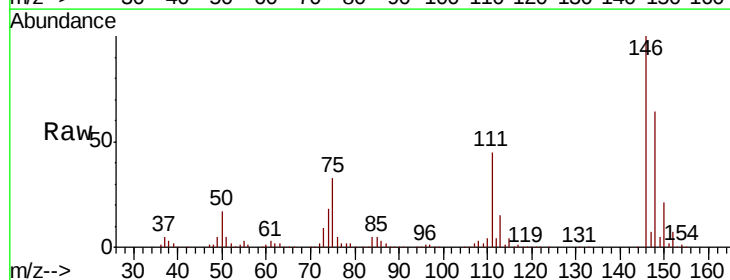
Tgt Ion:146 Resp: 420305

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

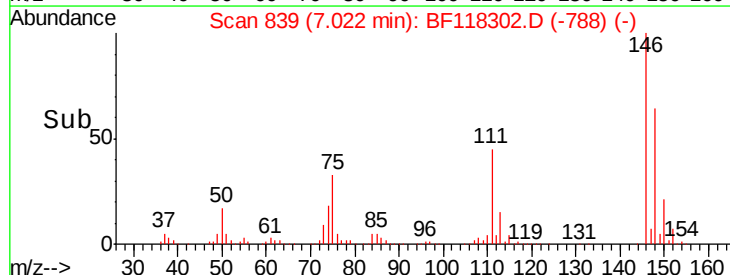
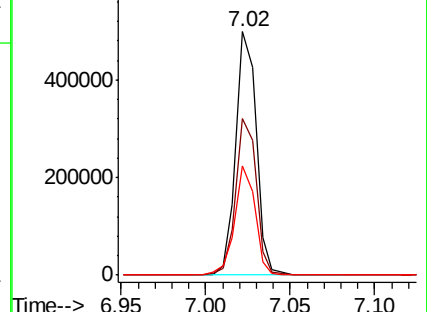
111 44.6 35.7 53.5

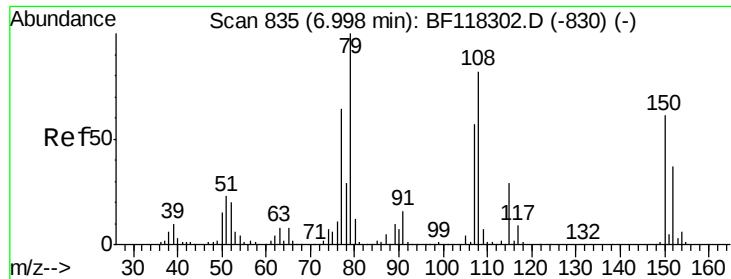


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.915 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

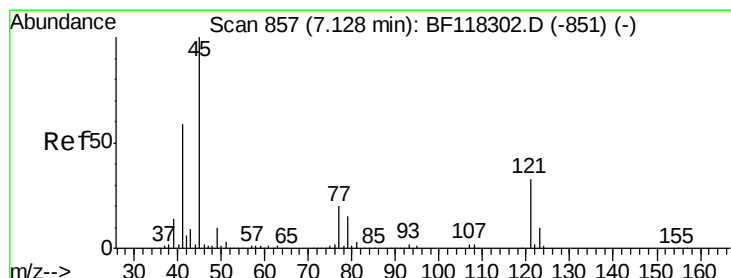
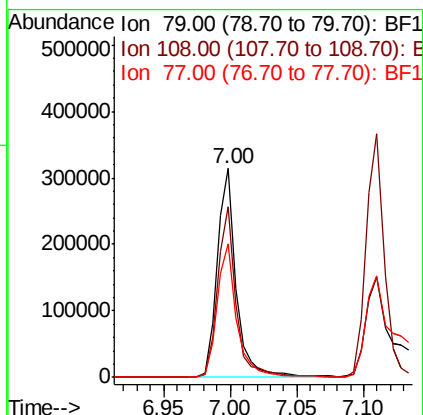
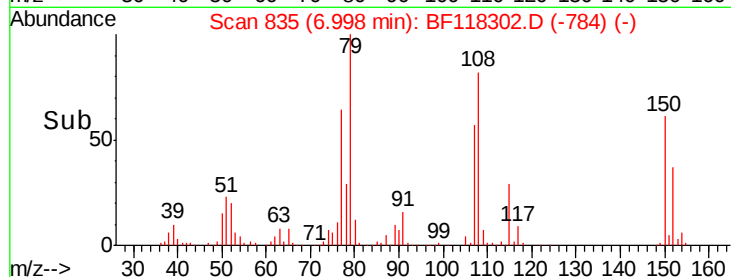
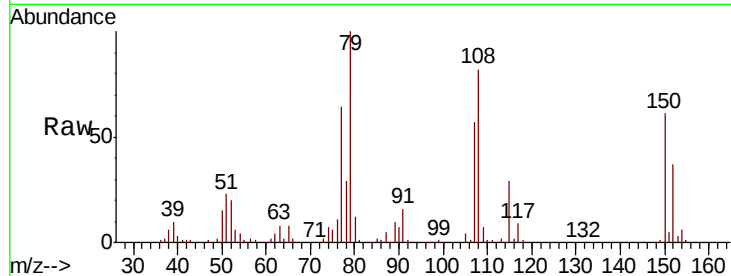
Tot Ion: 79 Resp: 318192

Ion Ratio Lower Upper

79 100

108 81.7 65.4 98.0

77 64.2 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.021 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

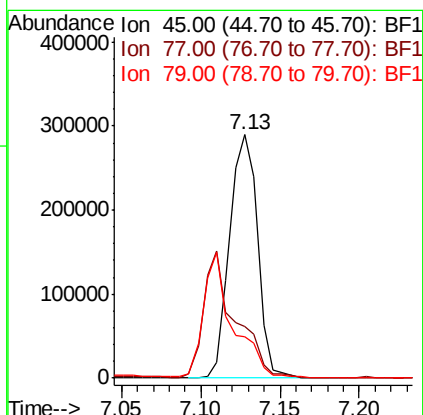
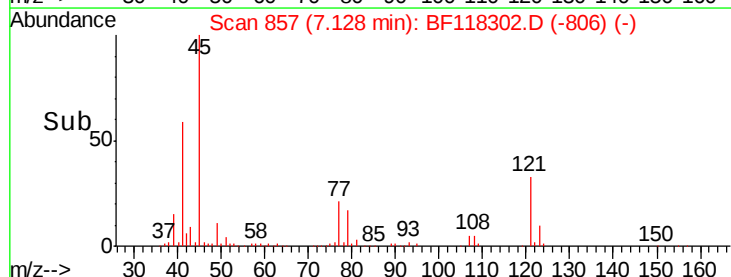
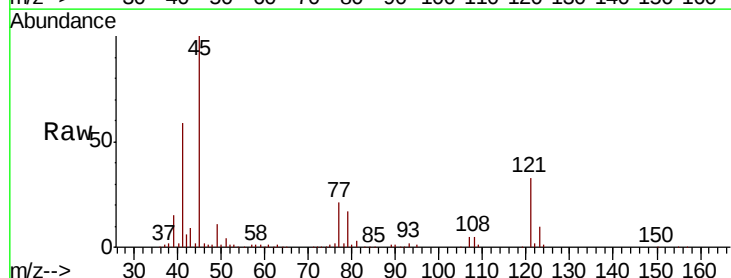
Tgt Ion: 45 Resp: 354677

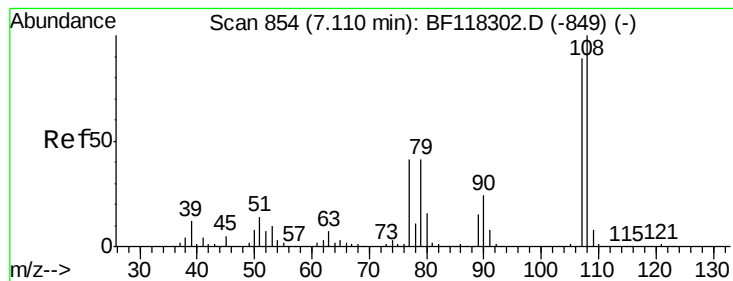
Ion Ratio Lower Upper

45 100

77 21.2 1.2 41.2

79 17.0 0.0 37.0

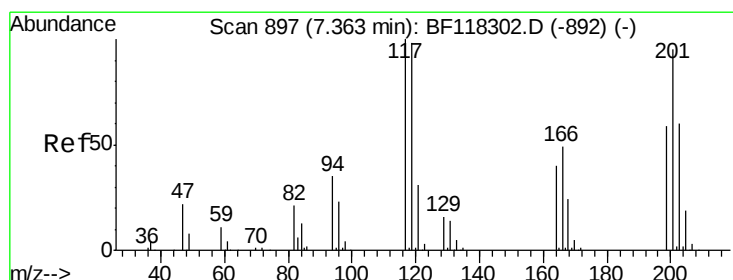
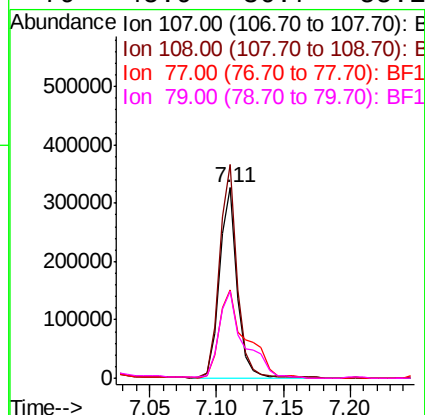
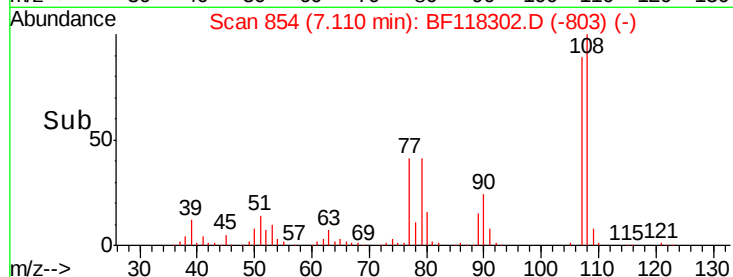
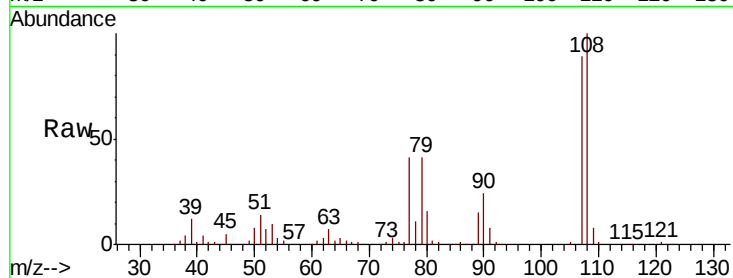




#17
2-Methylphenol
Concen: 40.284 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

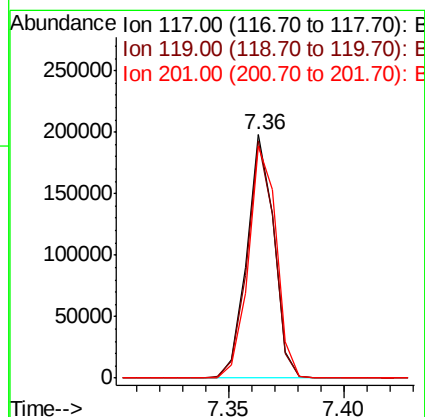
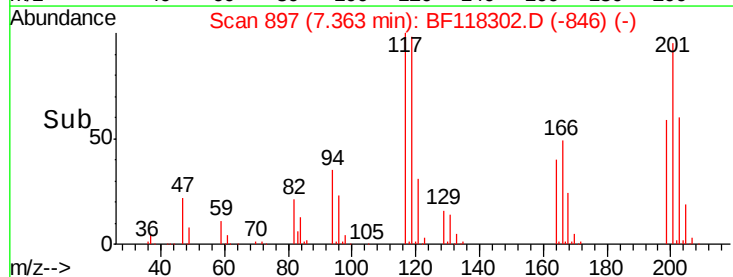
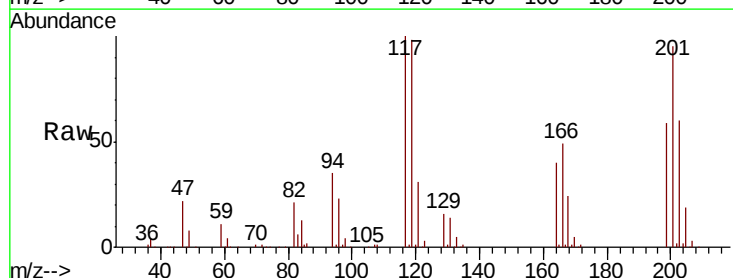
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

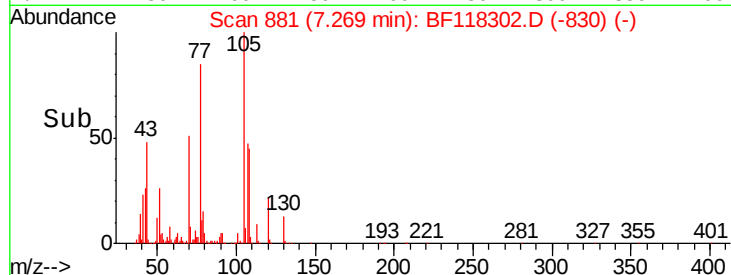
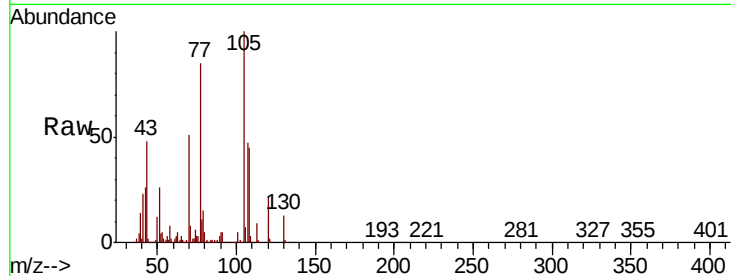
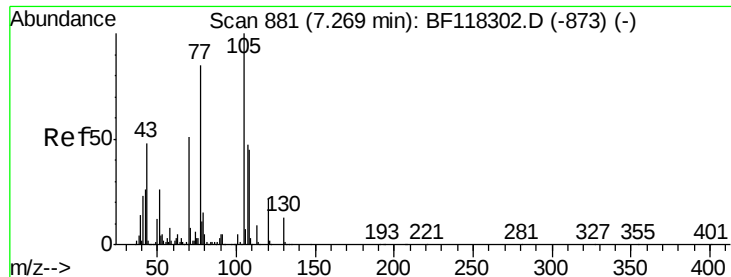
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	46.5	37.2	55.8
79	45.9	36.7	55.1



#18
Hexachloroethane
Concen: 39.309 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.0	117.0
201	95.2	76.2	114.2

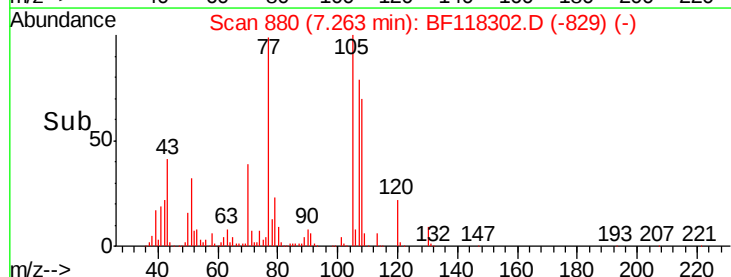
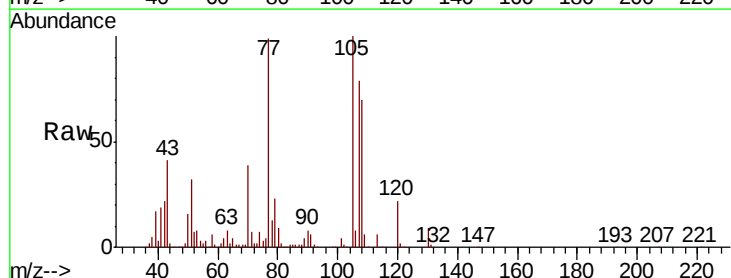
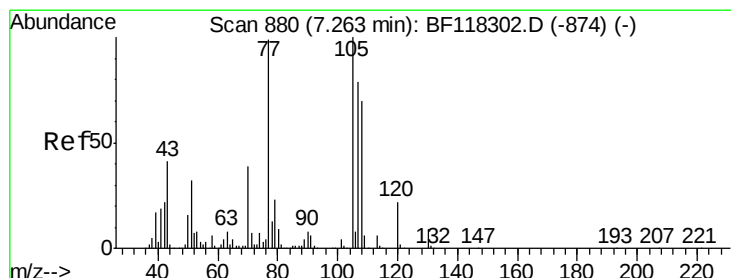
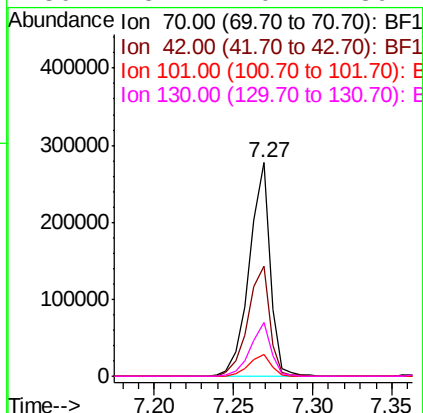




#19
n-Nitroso-di-n-propylamine
Concen: 40.731 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

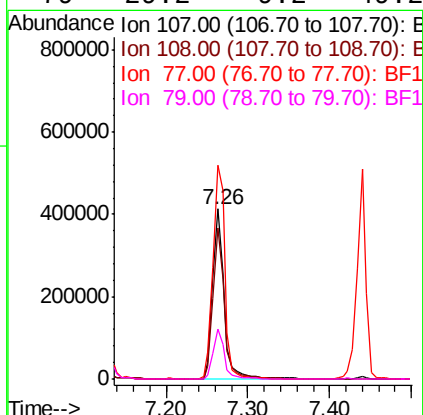
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

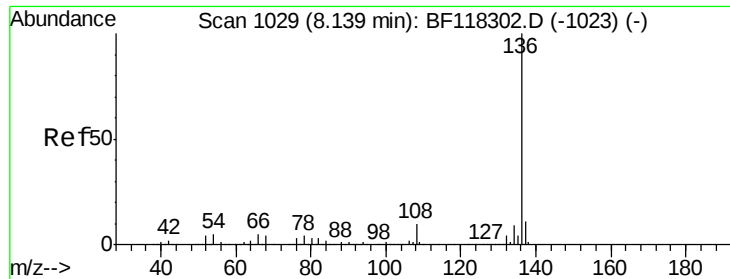
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.1	61.7
101	10.4	8.3	12.5
130	25.1	20.1	30.1



#20
3+4-Methylphenols
Concen: 41.757 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.3	109.3
77	125.9	105.9	145.9
79	29.2	9.2	49.2

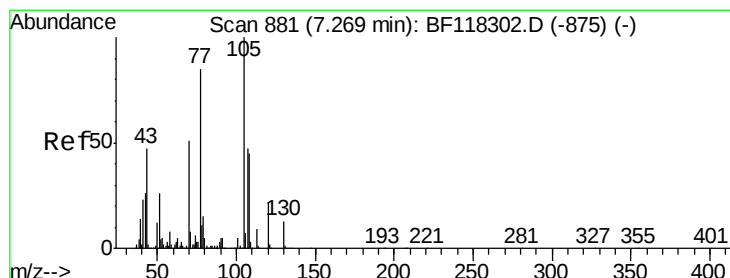
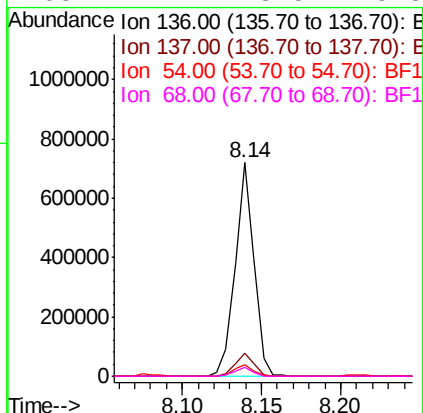
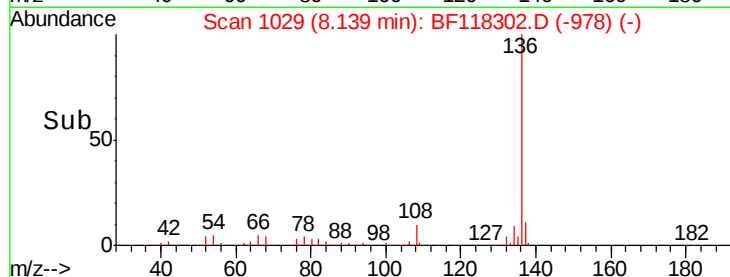
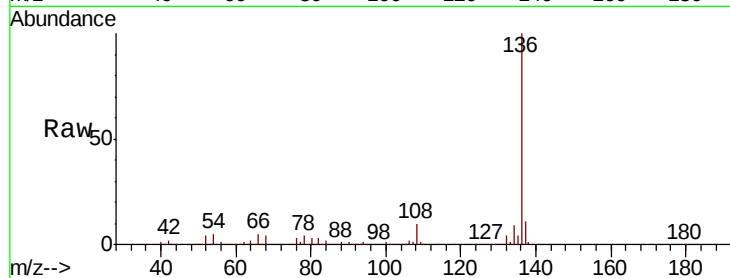




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

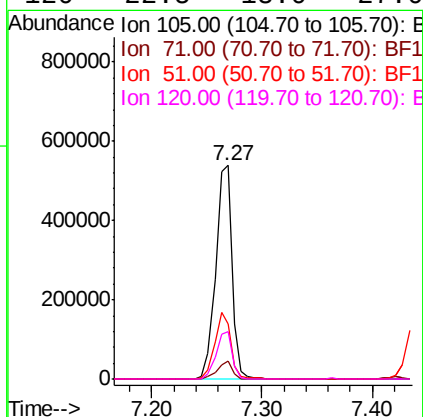
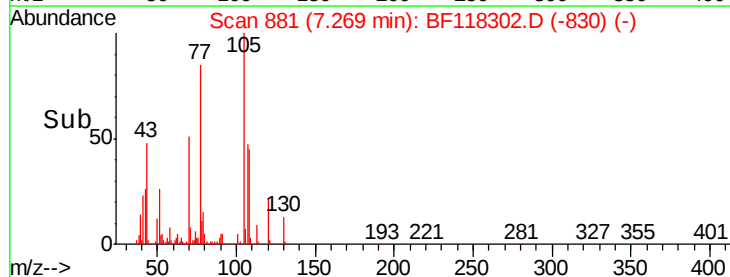
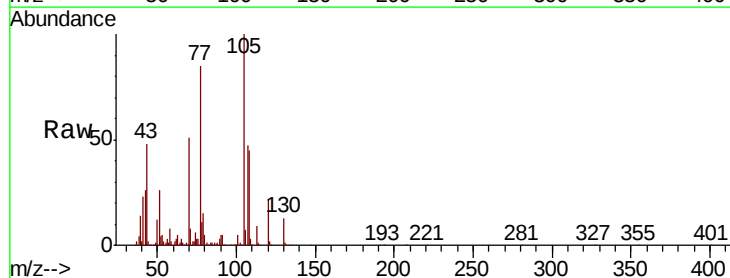
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

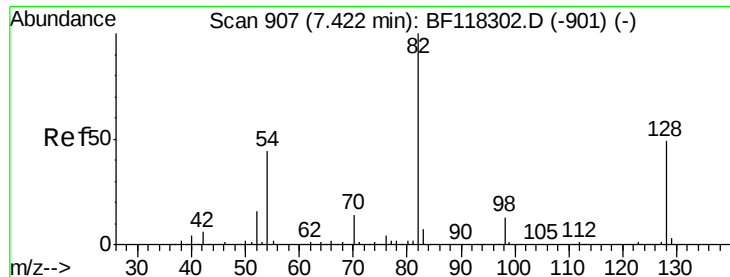
Tot Ion:136	Resp:	593980
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	5.3	4.2 6.4
68	4.4	3.5 5.3



#22
Acetophenone
Concen: 38.613 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:105	Resp:	551009
Ion Ratio	Lower	Upper
105	100	
71	8.2	6.6 9.8
51	25.7	20.6 30.8
120	22.5	18.0 27.0

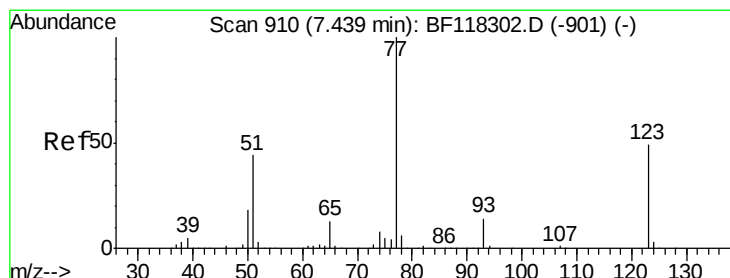
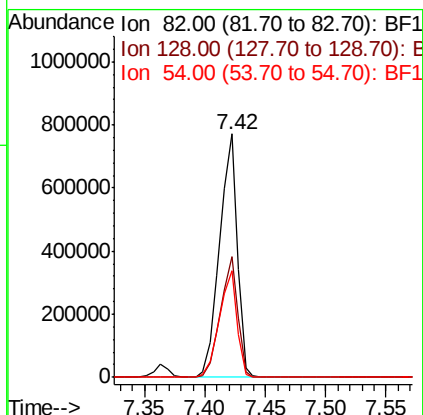
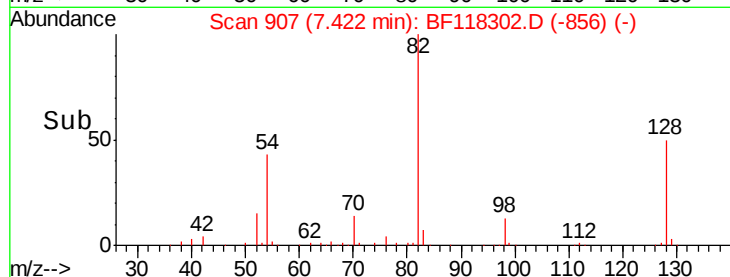
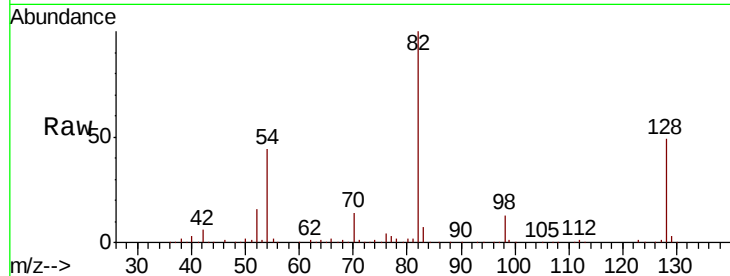




#23
Nitrobenzene-d5
Concen: 73.834 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

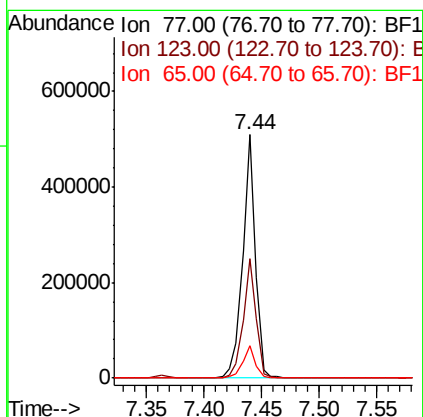
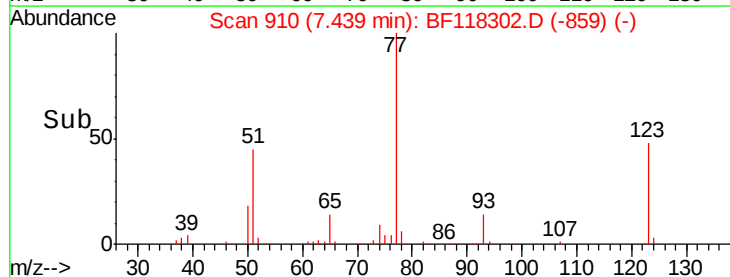
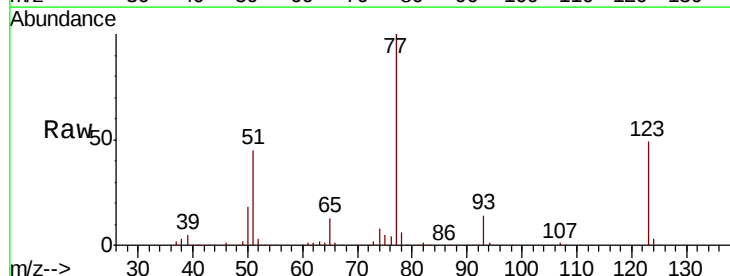
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

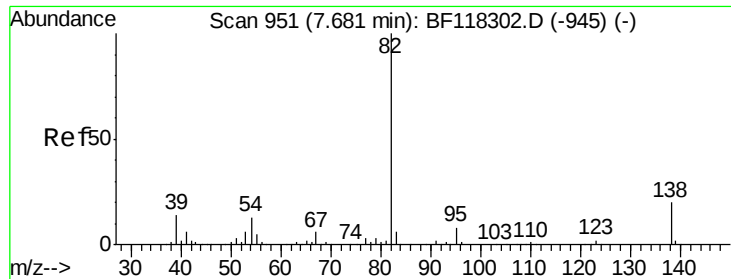
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.6	59.4
54	43.6	34.9	52.3



#24
Nitrobenzene
Concen: 37.755 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.1	58.7
65	13.3	10.6	16.0





#25

Isophorone

Concen: 37.780 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

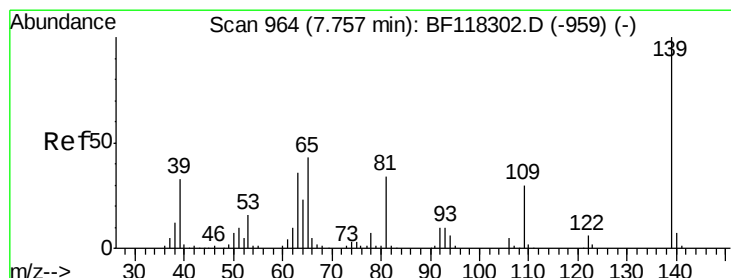
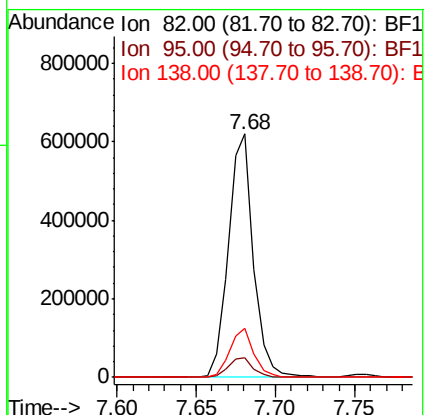
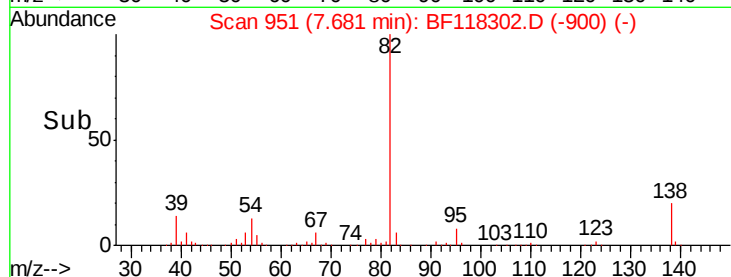
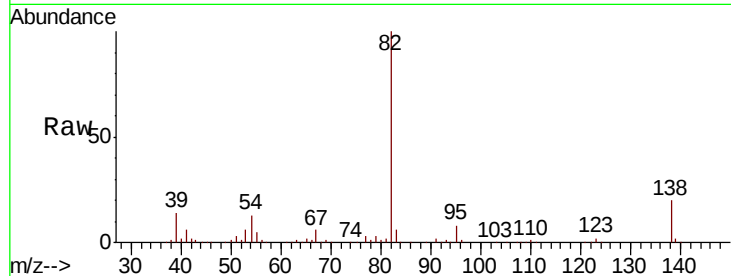
Tot Ion: 82 Resp: 676193

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 20.2 16.2 24.2



#26

2-Nitrophenol

Concen: 37.564 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

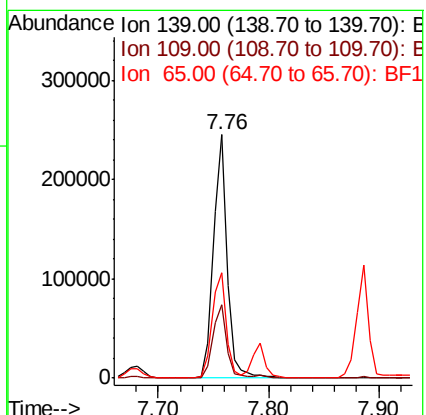
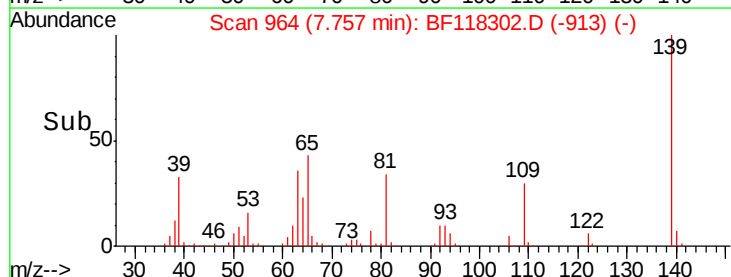
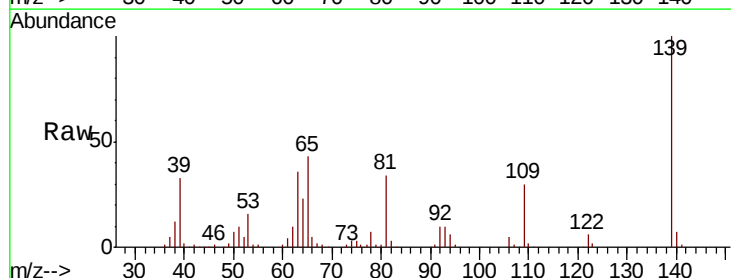
Tgt Ion: 139 Resp: 208269

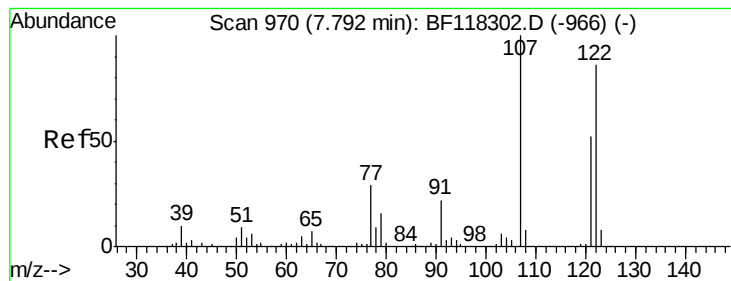
Ion Ratio Lower Upper

139 100

109 30.1 24.1 36.1

65 43.3 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 37.991 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

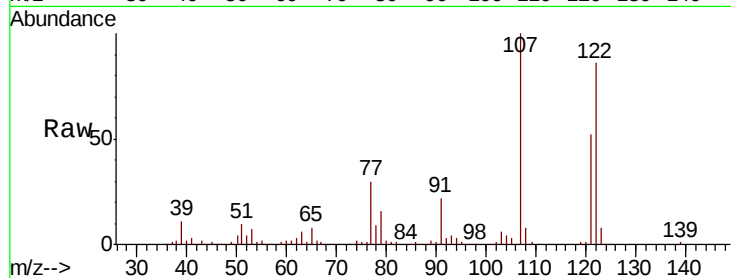
Tot Ion:122 Resp: 280968

Ion Ratio Lower Upper

122 100

107 116.1 92.9 139.3

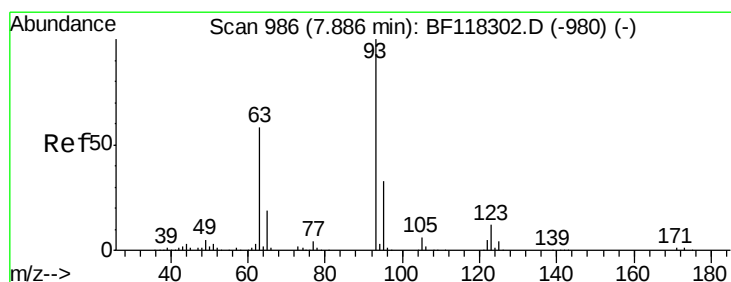
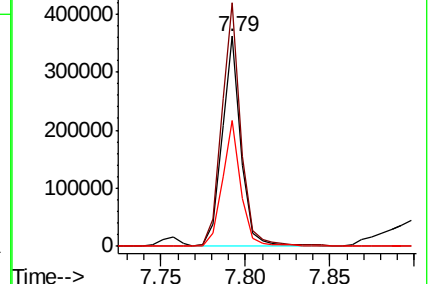
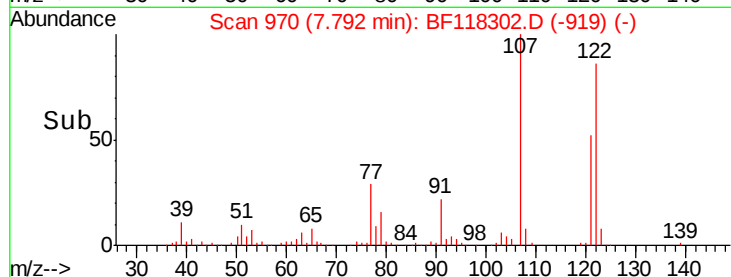
121 59.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.012 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

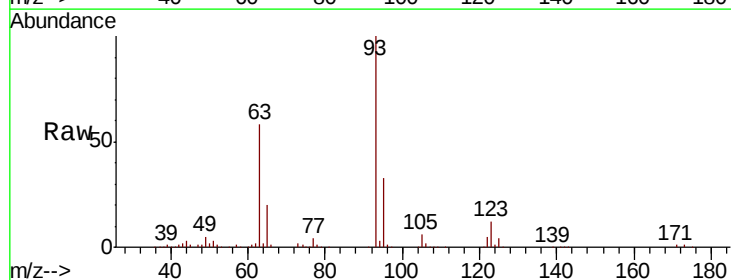
Tgt Ion: 93 Resp: 444570

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

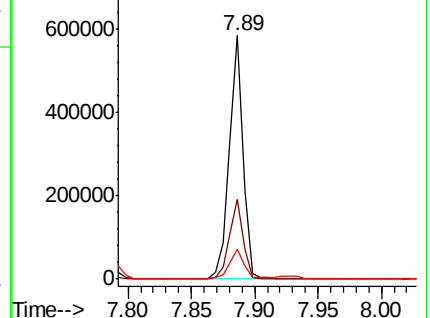
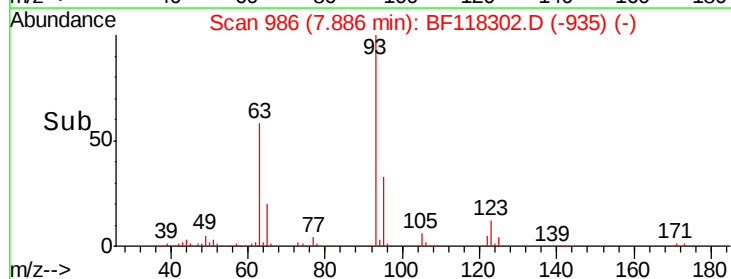
123 12.3 9.8 14.8

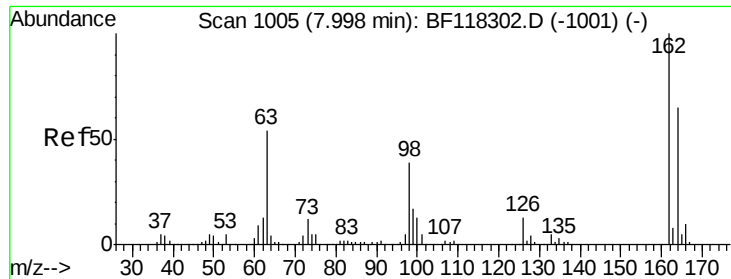


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

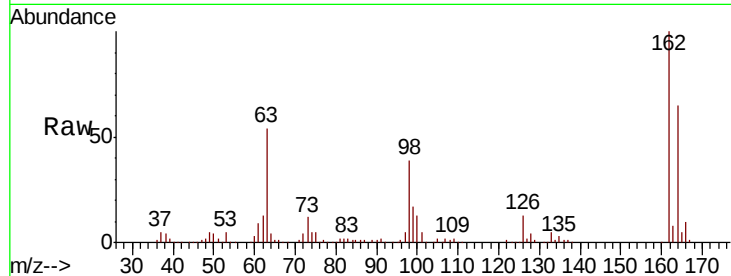




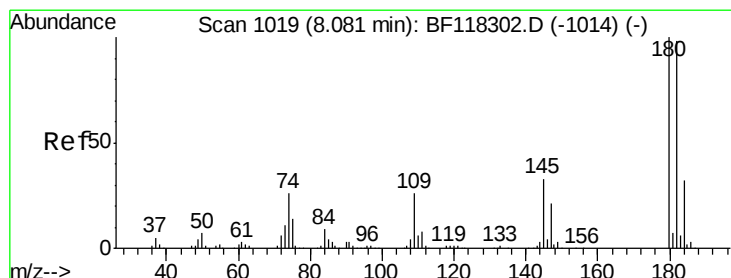
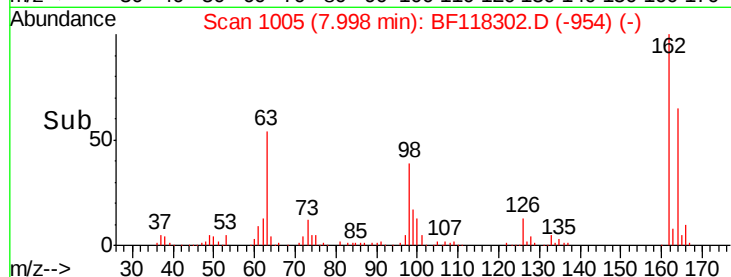
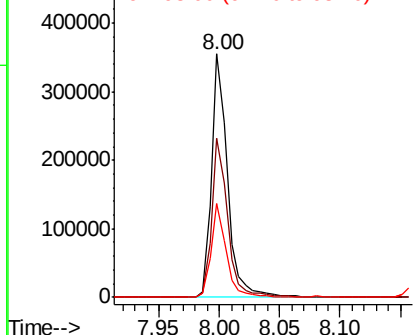
#29
 2,4-Dichlorophenol
 Concen: 37.567 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:162 Resp: 323892
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.1 85.1
 98 38.6 18.6 58.6

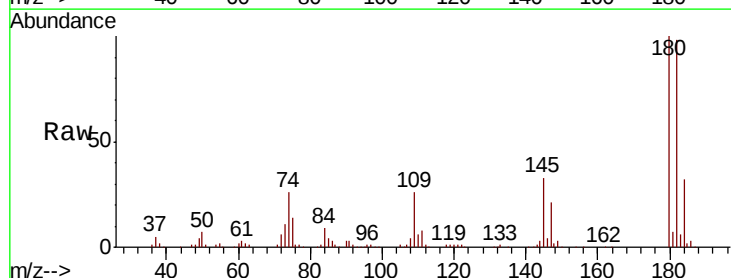


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

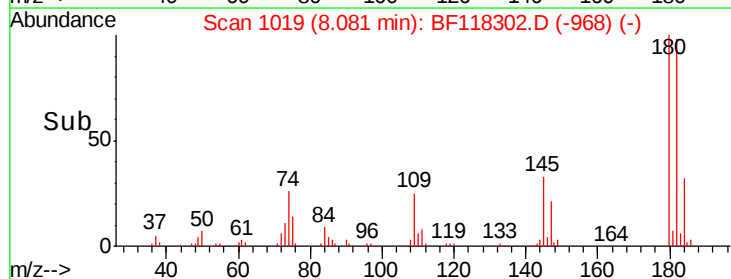
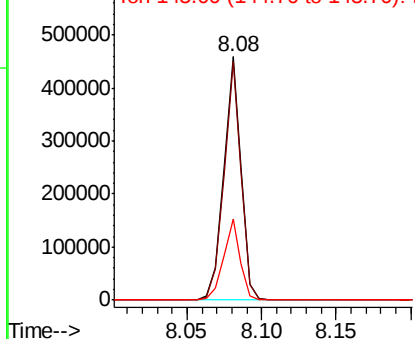


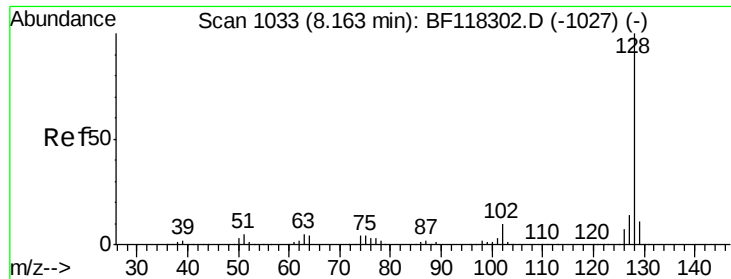
#30
 1,2,4-Trichlorobenzene
 Concen: 37.508 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:180 Resp: 377920
 Ion Ratio Lower Upper
 180 100
 182 97.9 78.3 117.5
 145 33.4 26.7 40.1



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

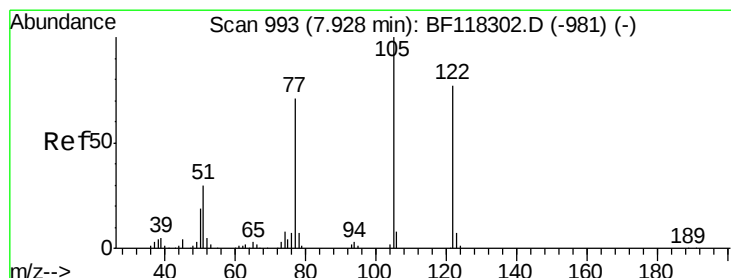
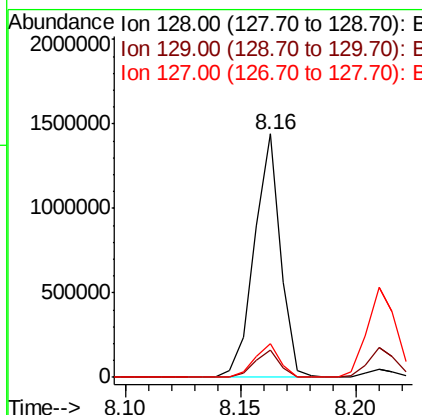
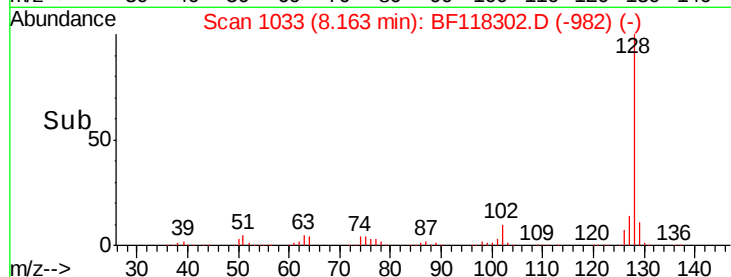
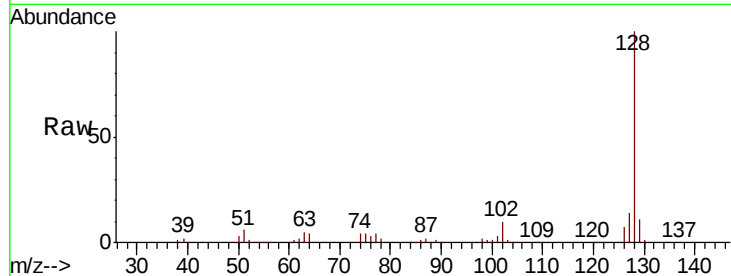




#31
Naphthalene
Concen: 38.215 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

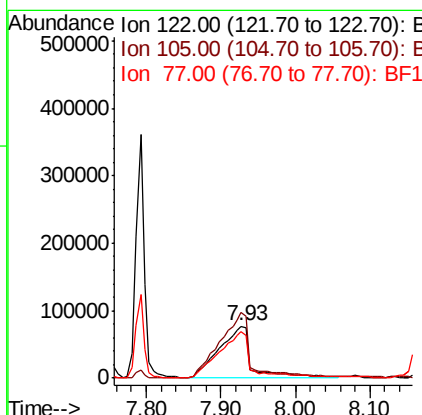
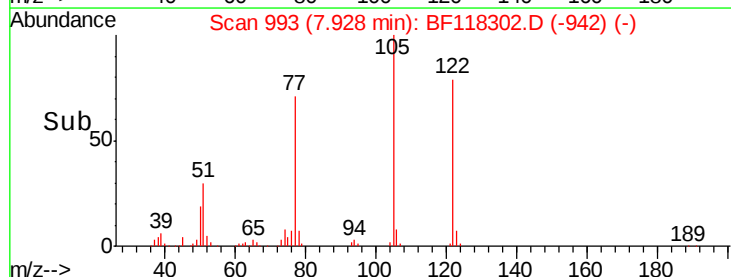
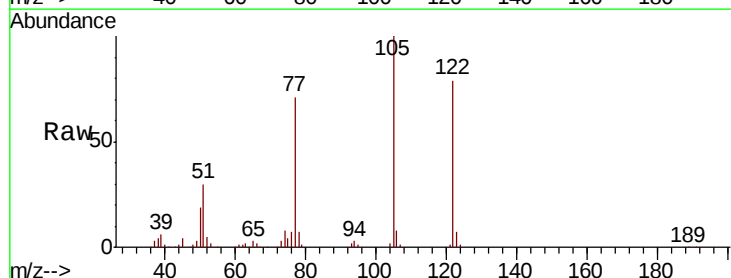
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

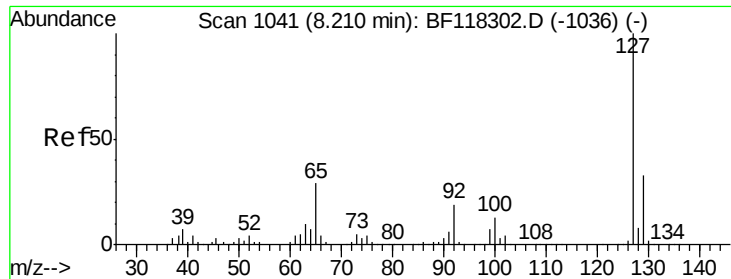
Tot Ion:128 Resp: 1139998
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 33.481 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:122 Resp: 223570
Ion Ratio Lower Upper
122 100
105 126.8 106.8 146.8
77 90.4 70.4 110.4

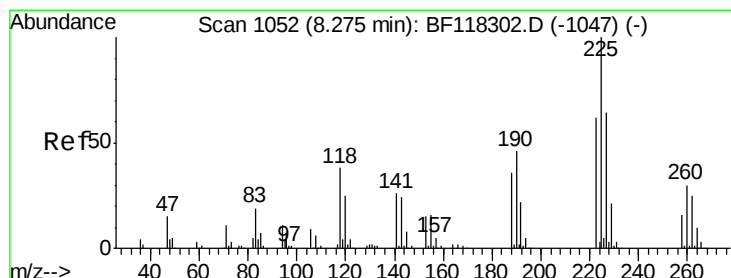
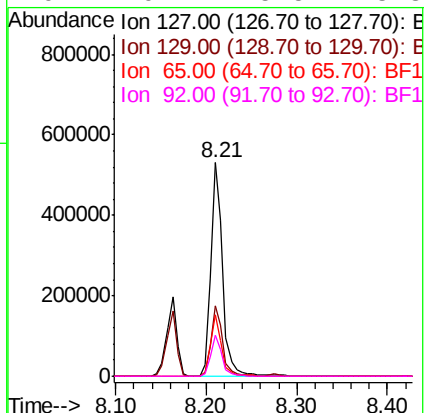
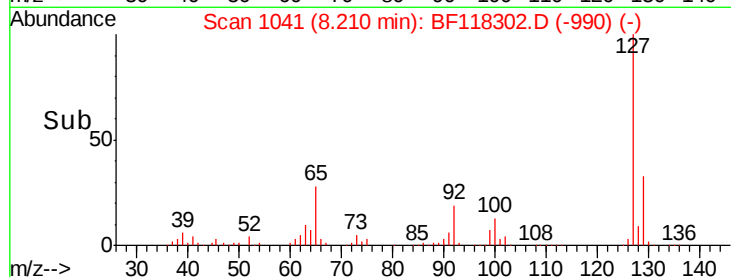
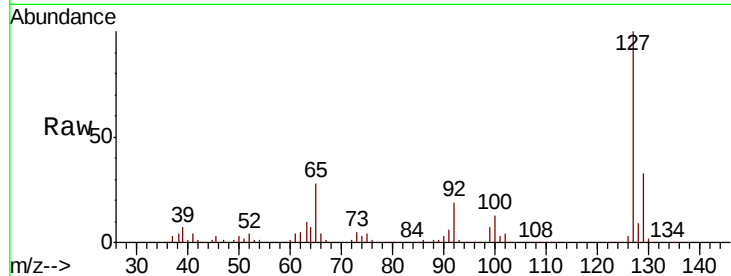




#33
4-Chloroaniline
Concen: 37.914 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

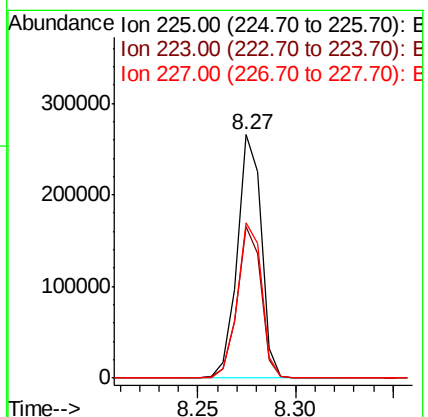
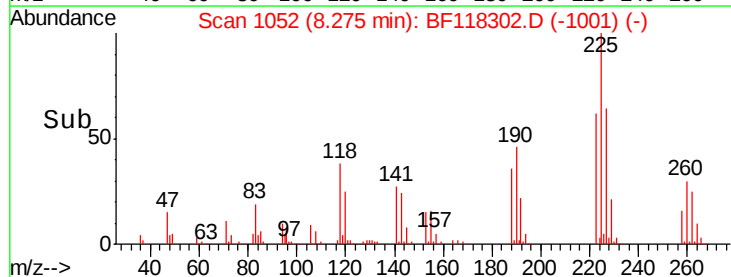
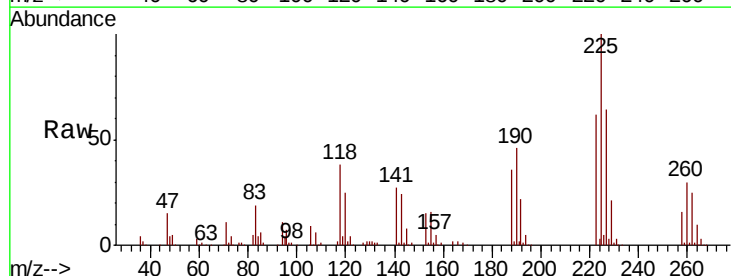
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

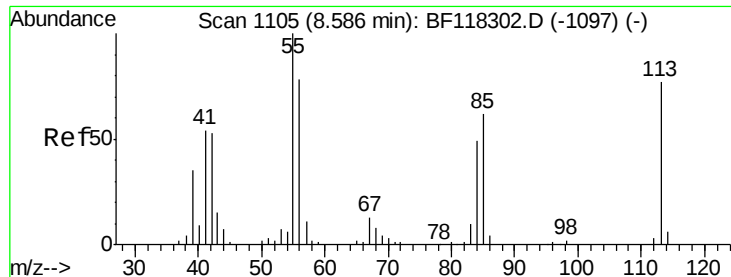
Tot Ion:127	Resp:	488359
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.5 39.7
65	28.5	22.8 34.2
92	19.4	15.5 23.3



#34
Hexachlorobutadiene
Concen: 37.495 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:225	Resp:	226540
Ion Ratio	Lower	Upper
225	100	
223	61.9	49.5 74.3
227	63.7	51.0 76.4

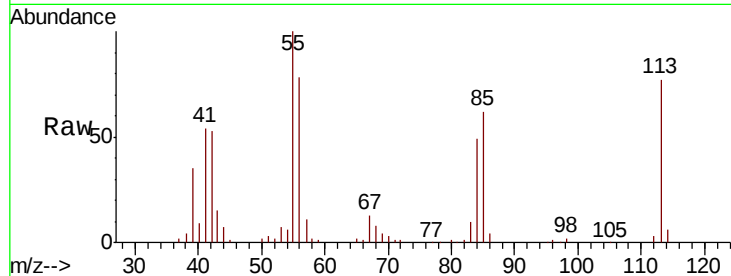




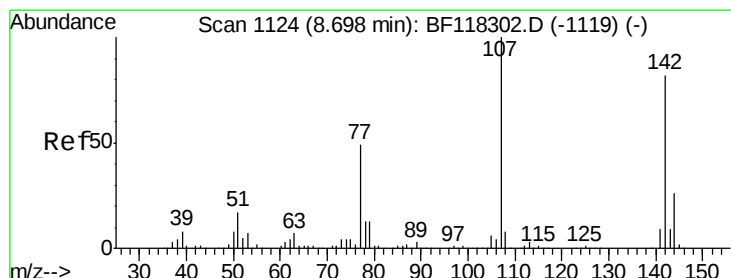
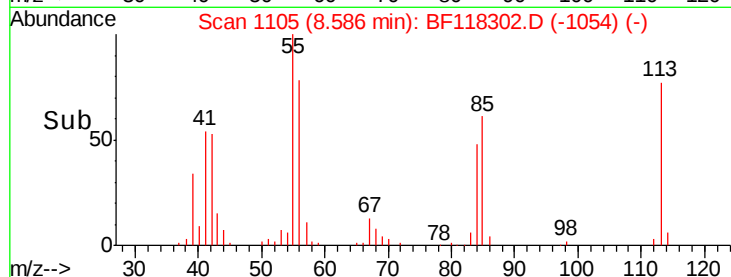
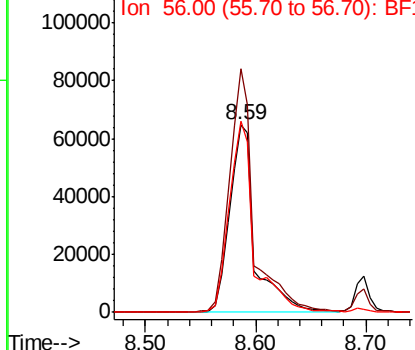
#35
 Caprolactam
 Concen: 39.022 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:113 Resp: 103751
 Ion Ratio Lower Upper
 113 100
 55 129.8 109.8 149.8
 56 101.7 81.7 121.7

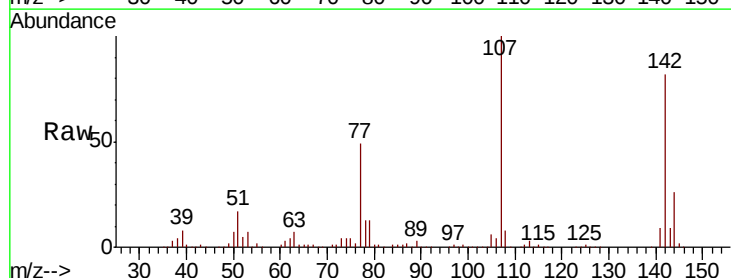


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

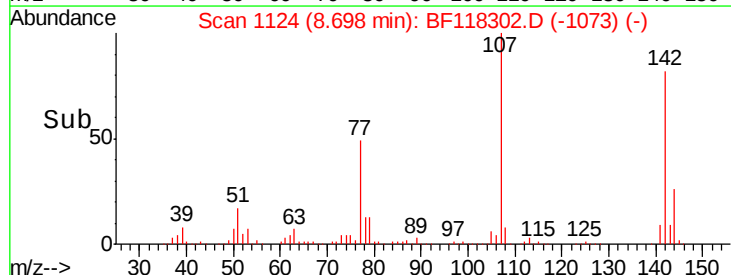
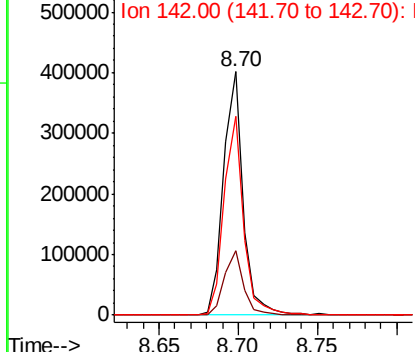


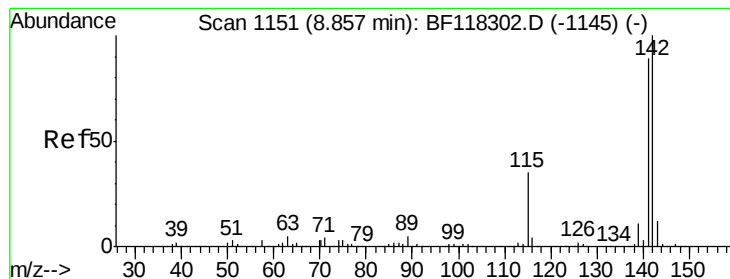
#36
 4-Chloro-3-methylphenol
 Concen: 38.168 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:107 Resp: 346300
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.2 31.8
 142 81.8 65.4 98.2



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: 38.914 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

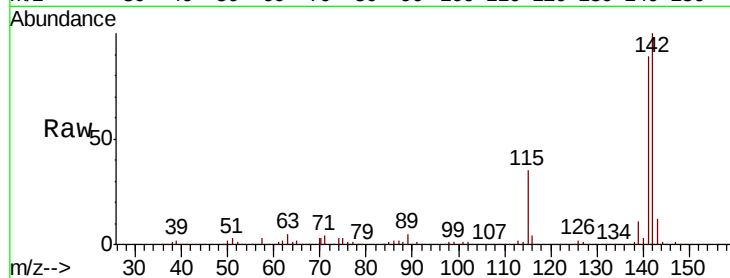
Tot Ion:142 Resp: 785895

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

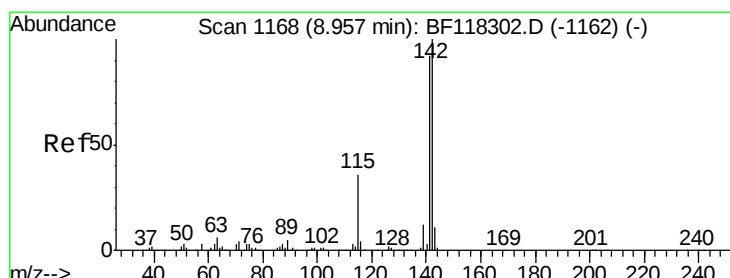
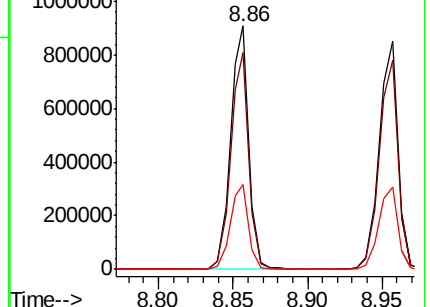
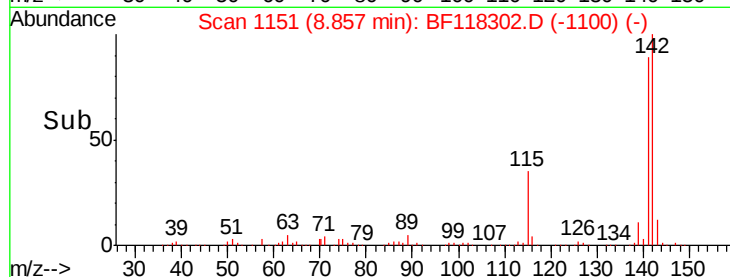
115 35.0 28.0 42.0



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: 38.445 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

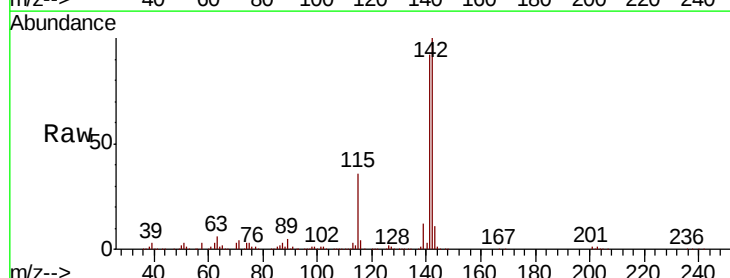
Tgt Ion:142 Resp: 729016

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

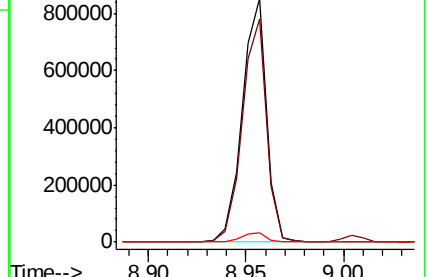
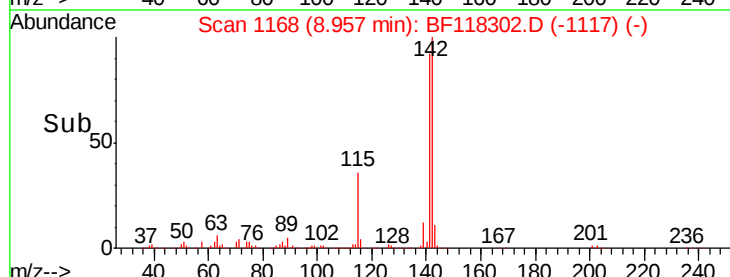
116 3.6 2.9 4.3

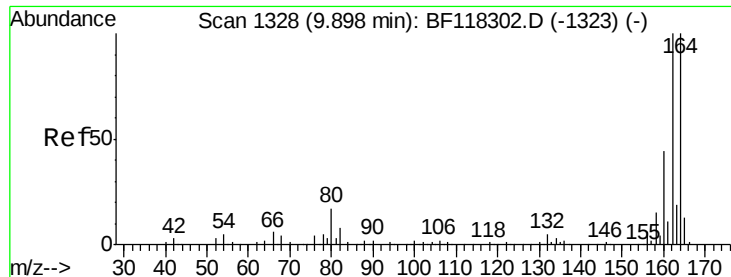


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

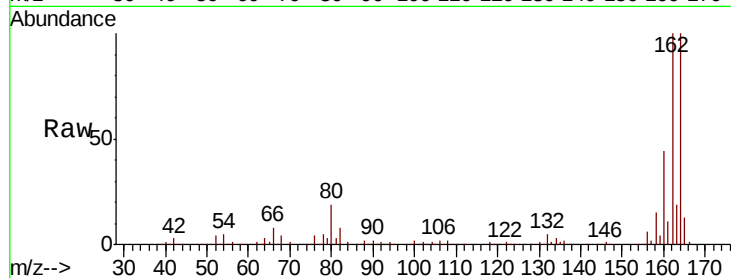
Tot Ion:164 Resp: 317366

Ion Ratio Lower Upper

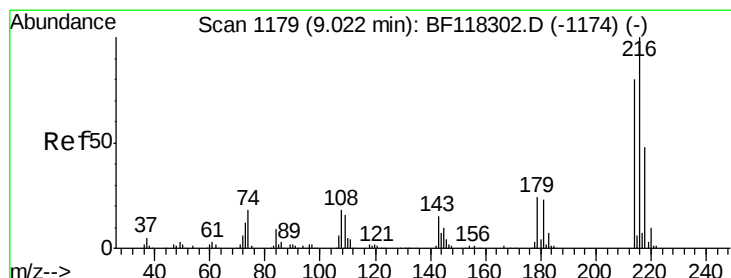
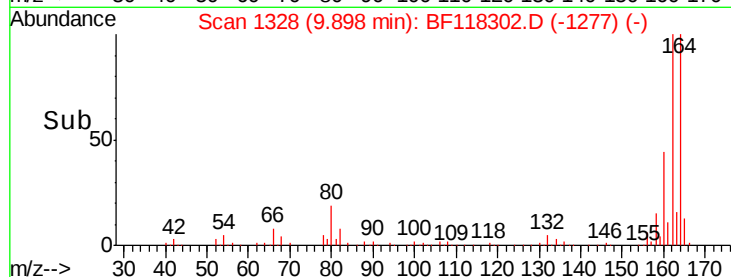
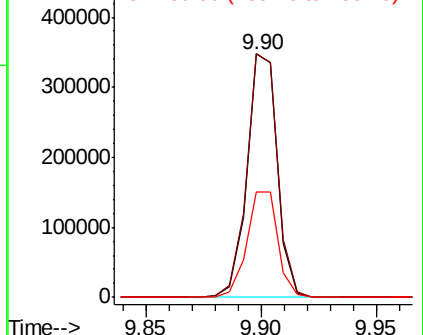
164 100

162 100.0 80.0 120.0

160 43.5 34.8 52.2



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: 37.499 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Tgt Ion:216 Resp: 360519

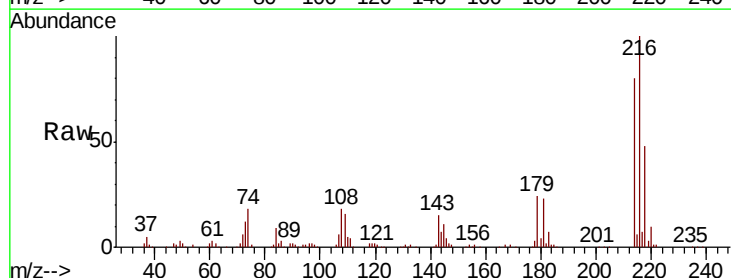
Ion Ratio Lower Upper

216 100

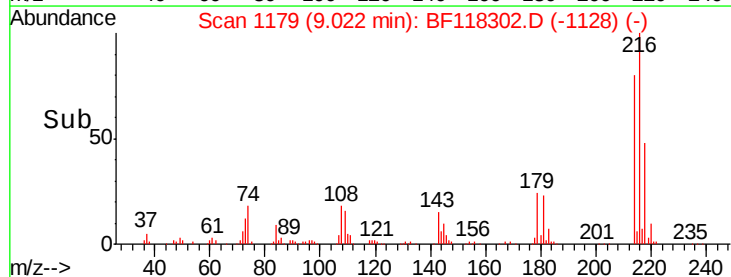
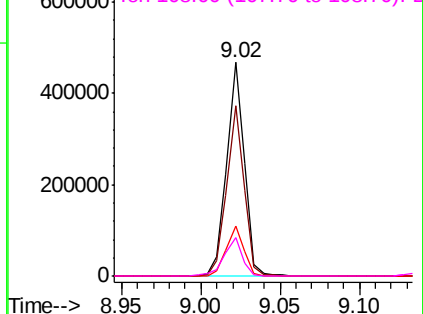
214 79.1 63.3 94.9

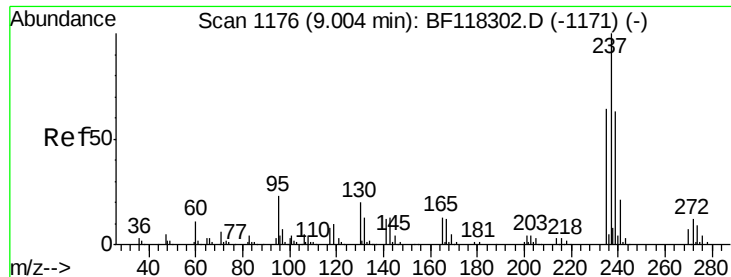
179 23.6 18.9 28.3

108 18.8 15.0 22.6



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





#41

Hexachlorocyclopentadiene

Concen: 28.059 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

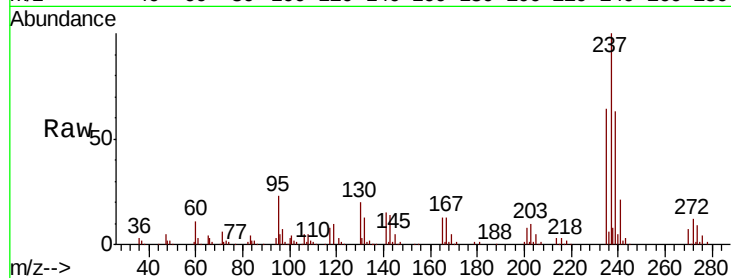
Tot Ion:237 Resp: 120868

Ion Ratio Lower Upper

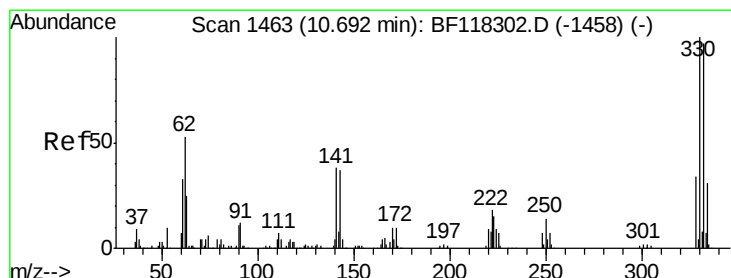
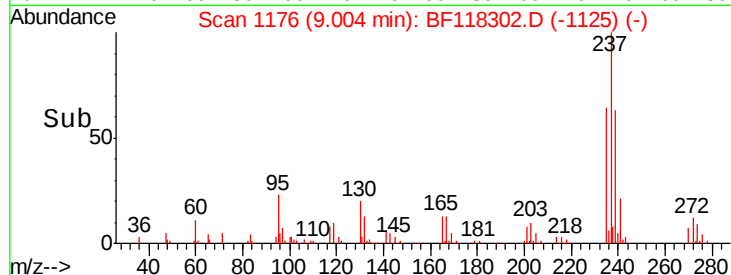
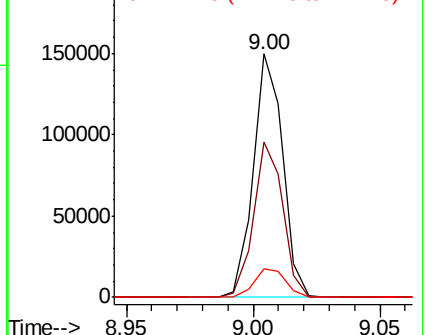
237 100

235 63.8 43.8 83.8

272 11.7 0.0 31.7



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: 78.317 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

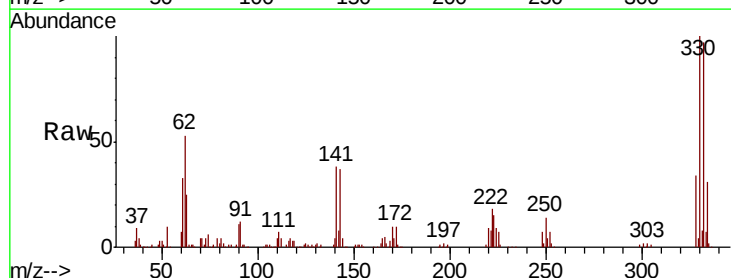
Tgt Ion:330 Resp: 301944

Ion Ratio Lower Upper

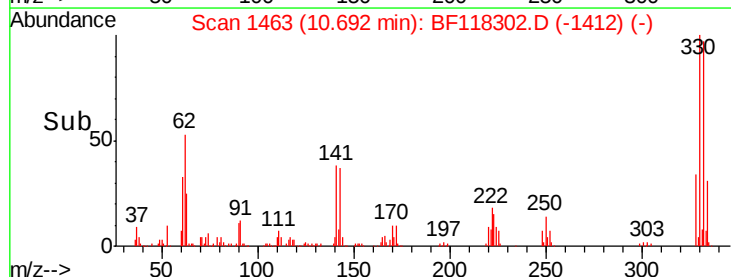
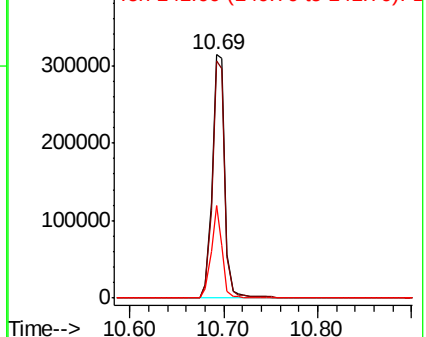
330 100

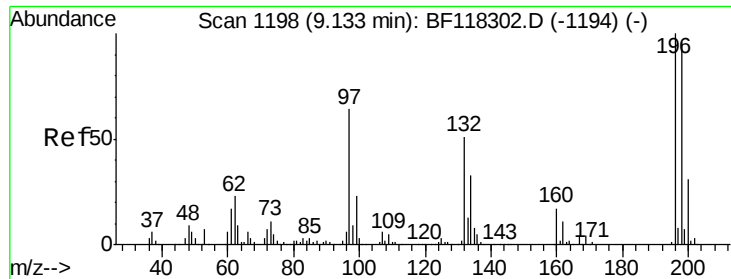
332 95.7 76.6 114.8

141 32.5 26.0 39.0



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

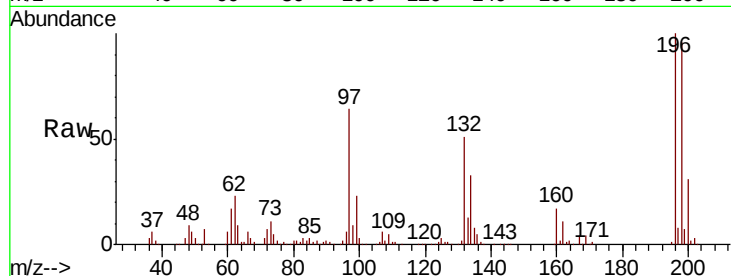




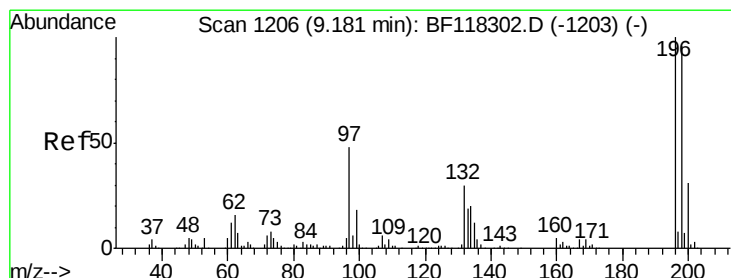
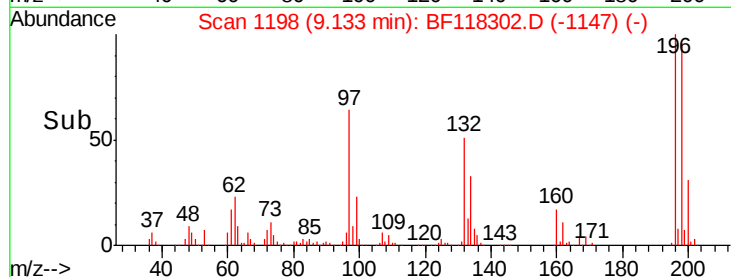
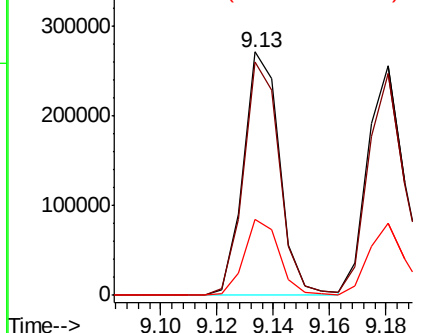
#43
 2,4,6-Trichlorophenol
 Concen: 37.625 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
200	31.0	24.8	37.2



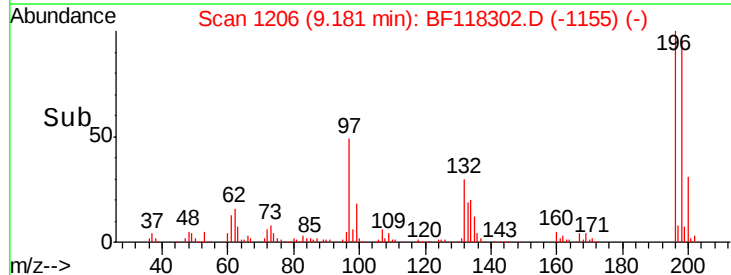
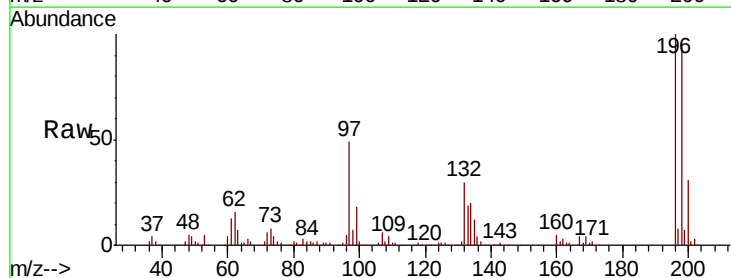
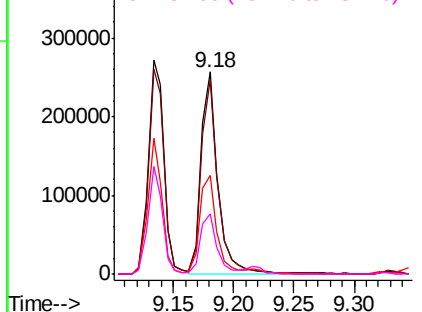
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

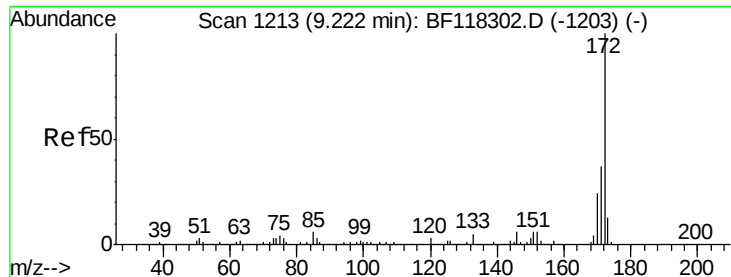


#44
 2,4,5-Trichlorophenol
 Concen: 37.563 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.0	115.4
97	48.6	38.9	58.3
132	29.9	23.9	35.9

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

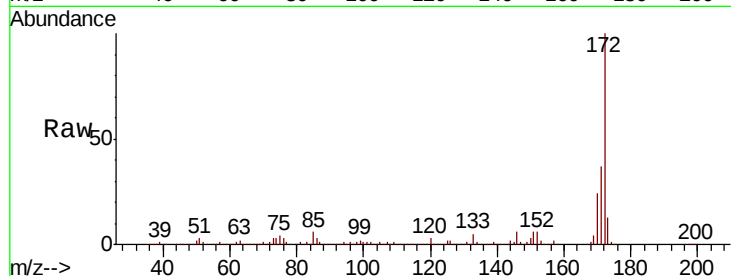




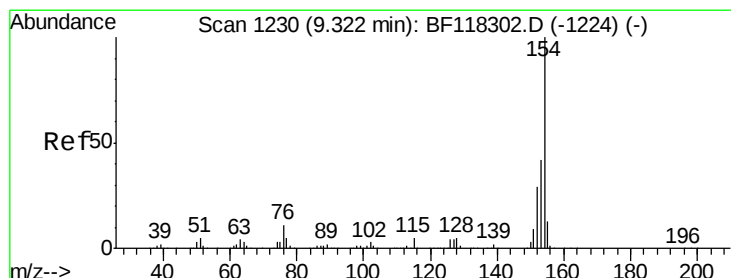
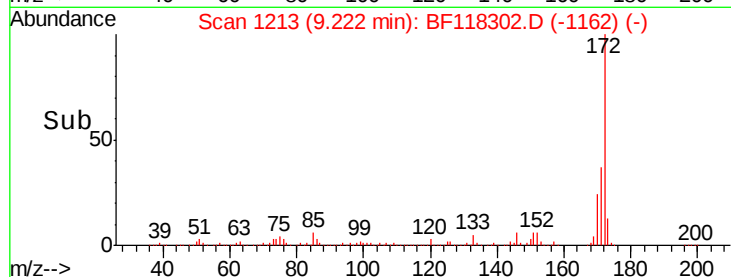
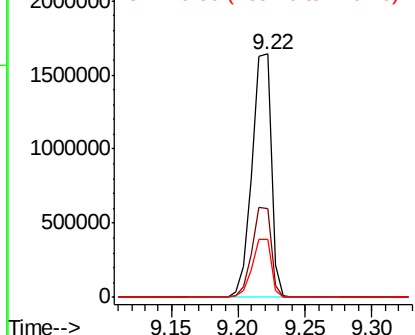
#45
2-Fluorobiphenyl
Concen: 77.151 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 1609123
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.0 19.2 28.8

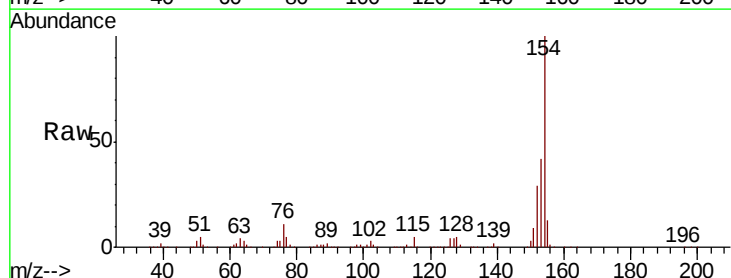


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

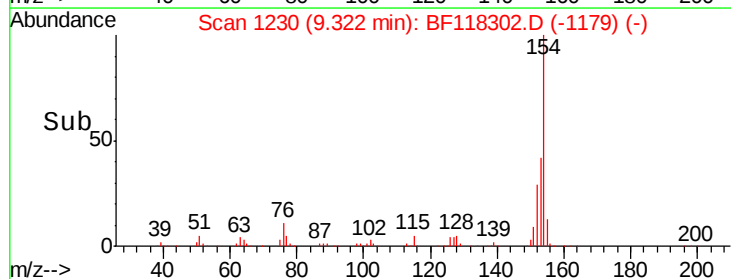
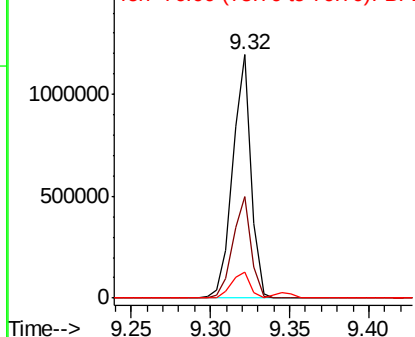


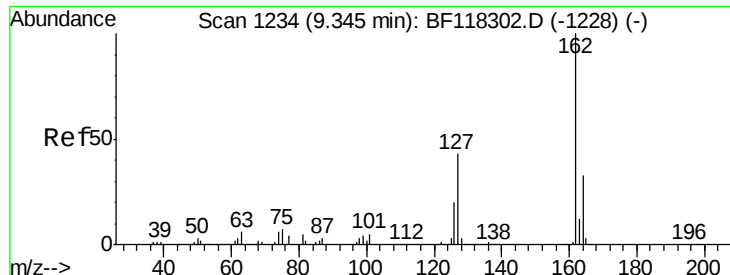
#46
1,1'-Biphenyl
Concen: 38.239 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:154 Resp: 957139
Ion Ratio Lower Upper
154 100
153 41.8 21.8 61.8
76 10.9 0.0 30.9



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

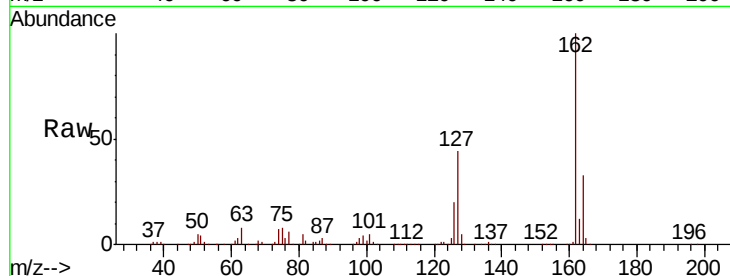




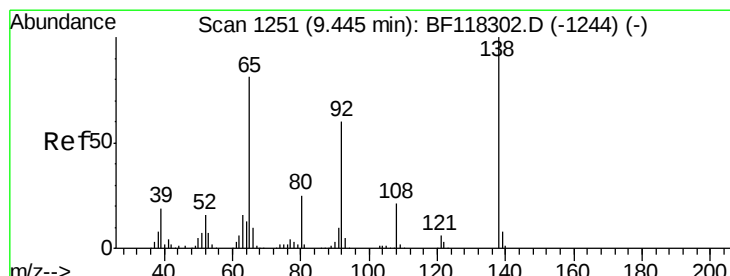
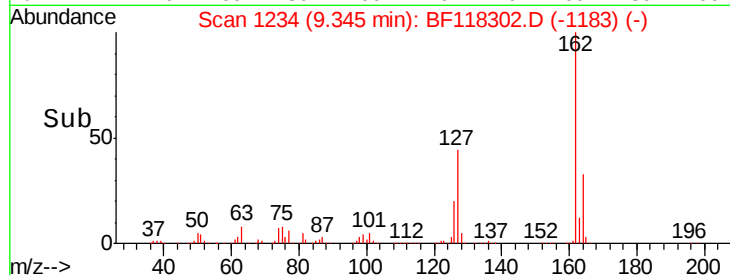
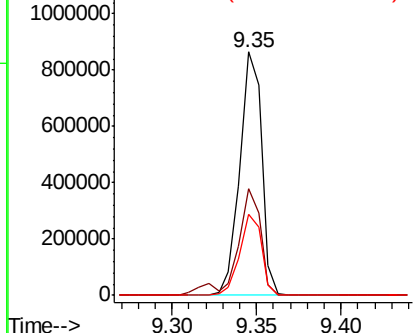
#47
 2-Chloronaphthalene
 Concen: 38.748 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	162	Resp:	780171
Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.0	52.4
164	33.3	26.6	40.0

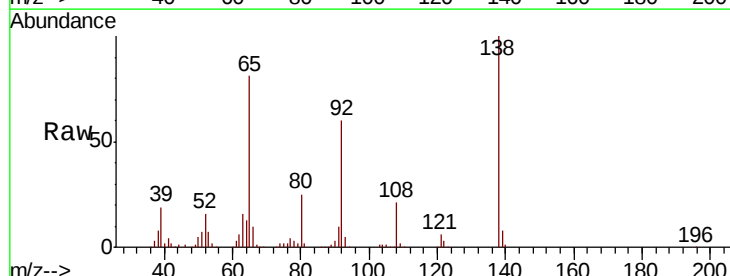


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

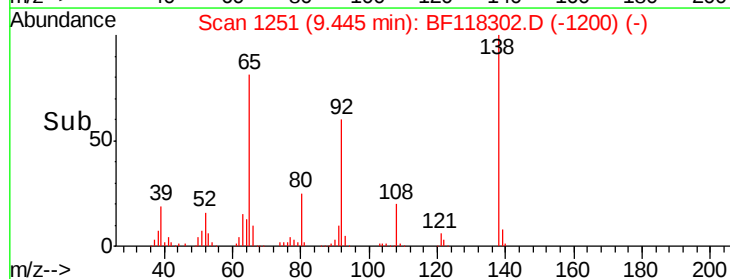
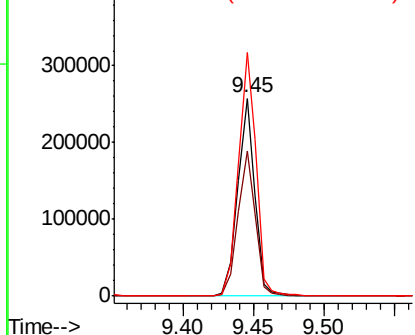


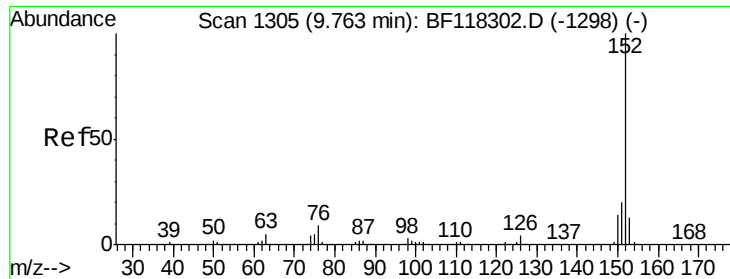
#48
 2-Nitroaniline
 Concen: 37.915 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:	65	Resp:	217701
Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	123.1	98.5	147.7



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: 38.867 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

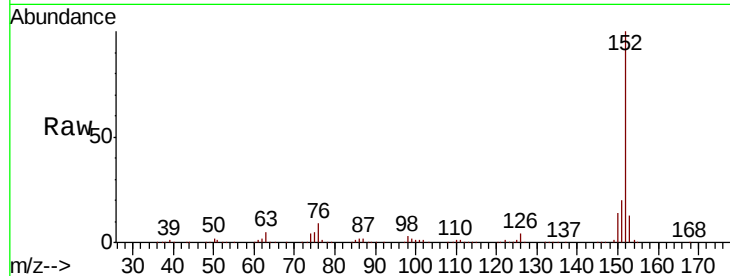
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1154244

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.1	10.5	15.7

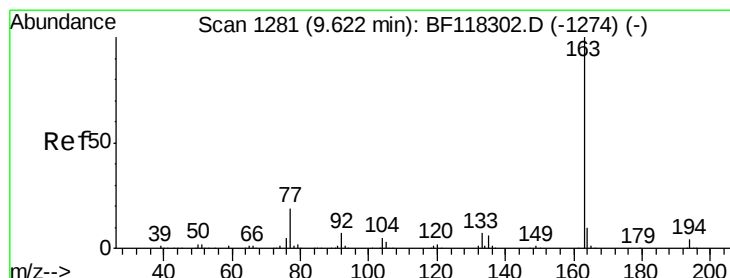
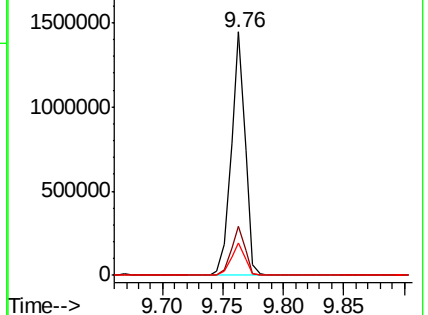
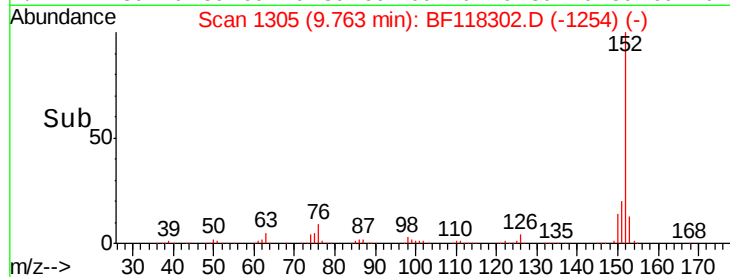


Abundance

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: 38.441 ng

RT: 9.62 min Scan# 1281

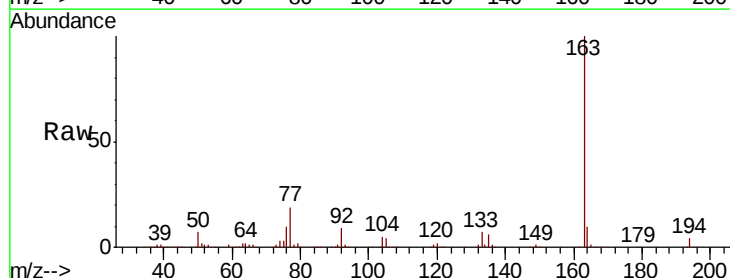
Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Tgt Ion:163 Resp: 901127

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.9	11.9

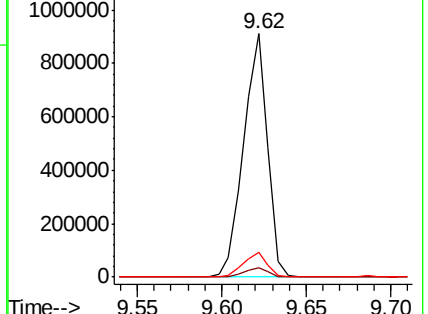
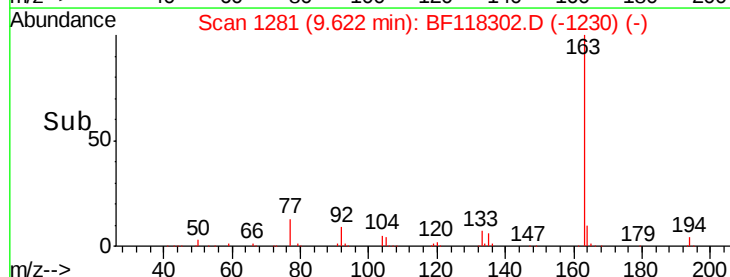


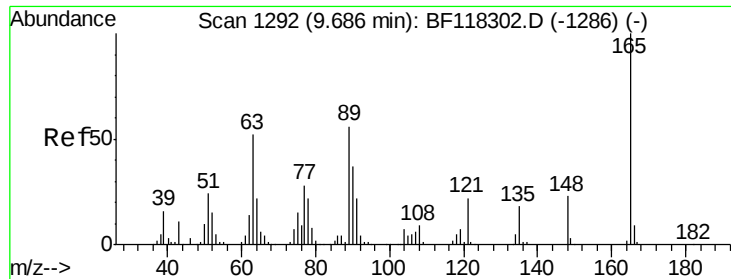
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

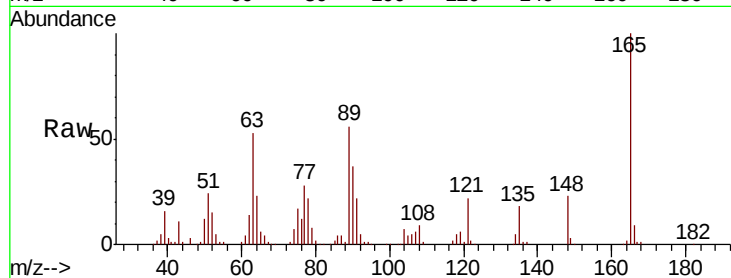




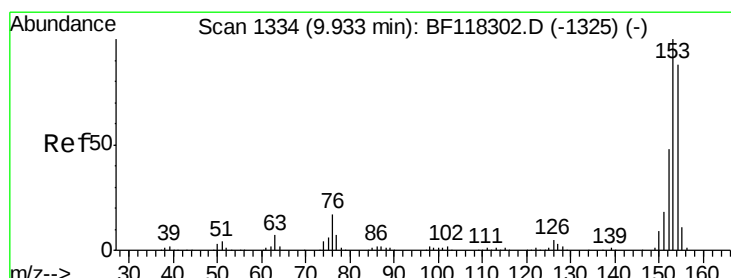
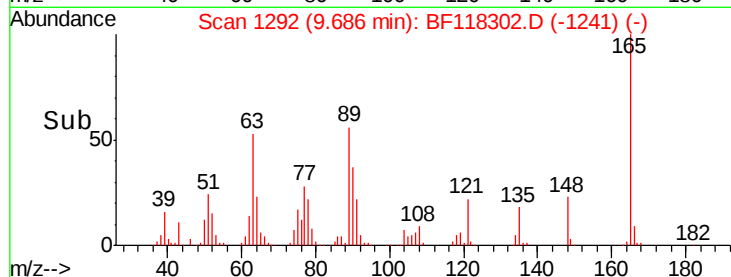
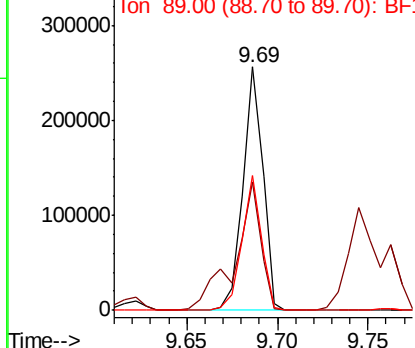
#51
 2,6-Dinitrotoluene
 Concen: 38.353 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	42.2	63.4
89	55.5	44.4	66.6

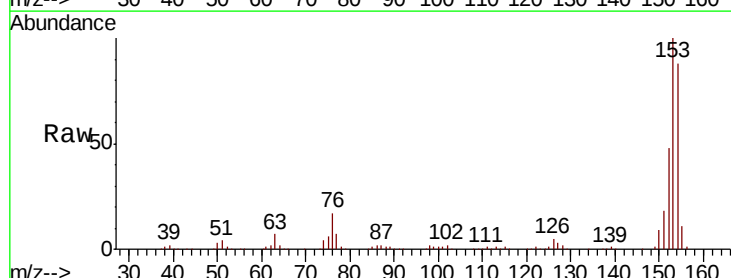


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

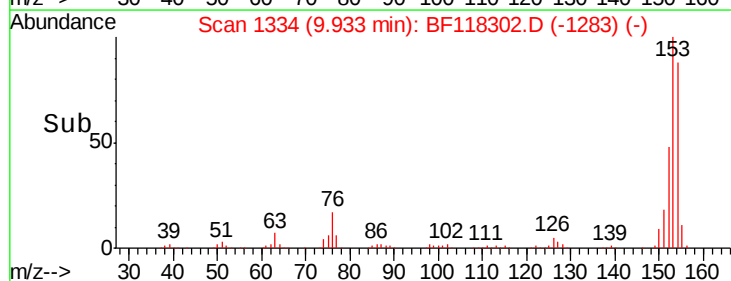
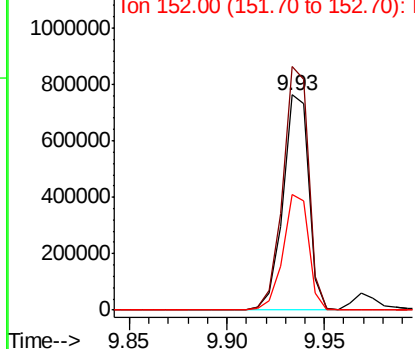


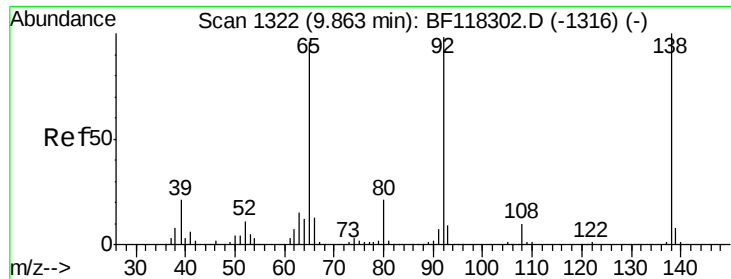
#52
 Acenaphthene
 Concen: 38.520 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	53.9	43.1	64.7



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

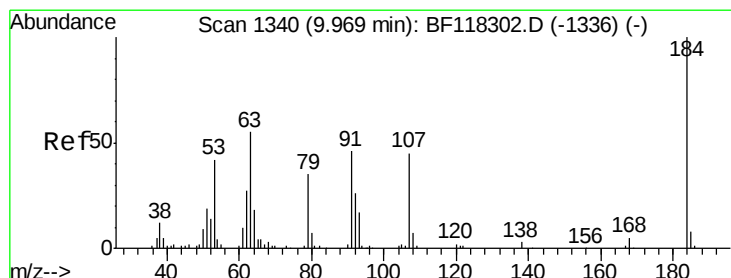
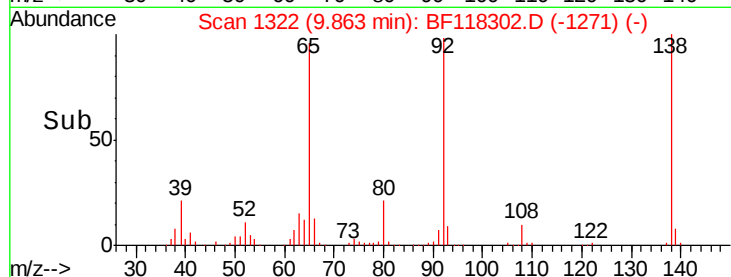
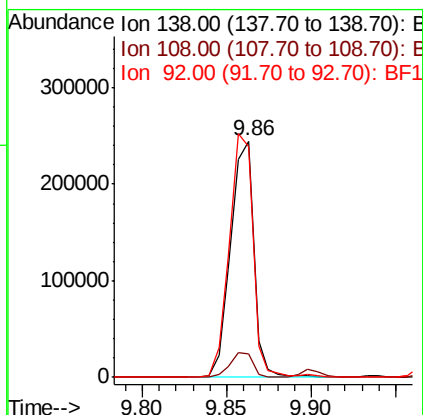
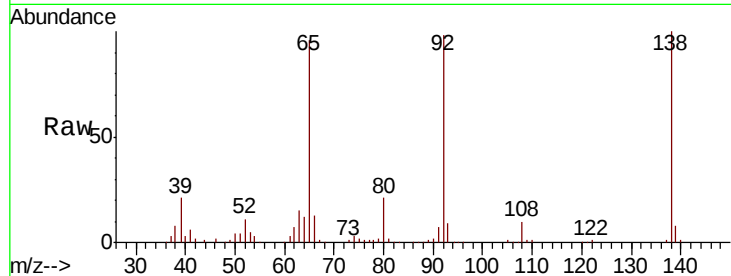




#53
3-Nitroaniline
Concen: 38.950 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

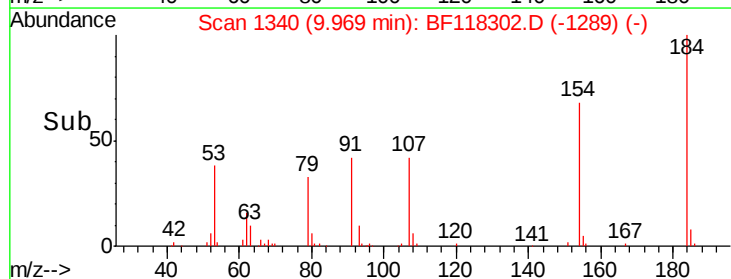
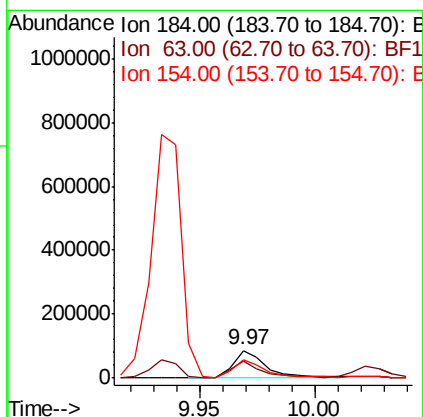
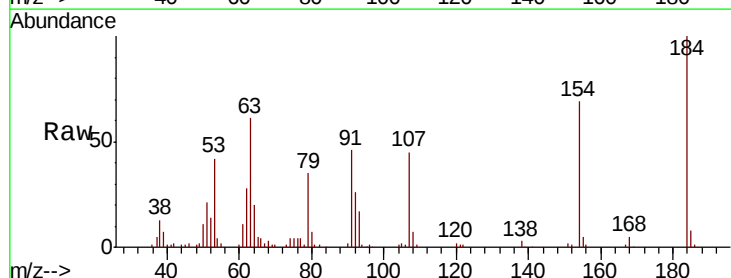
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

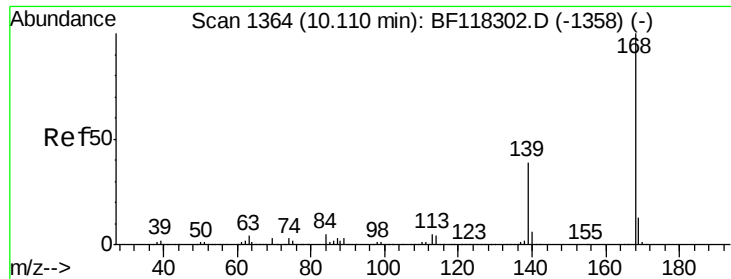
Tot Ion:138 Resp: 233650
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 97.7 78.2 117.2



#54
2,4-Dinitrophenol
Concen: 34.674 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:184 Resp: 87933
Ion Ratio Lower Upper
184 100
63 61.0 48.8 73.2
154 68.7 55.0 82.4

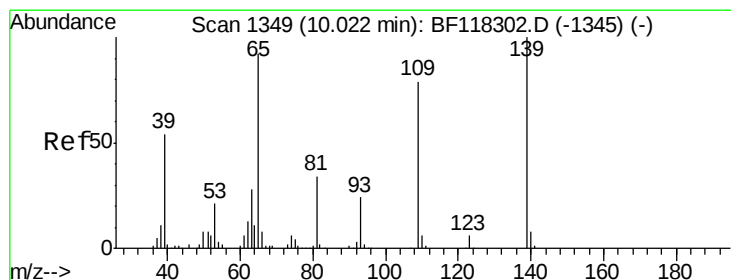
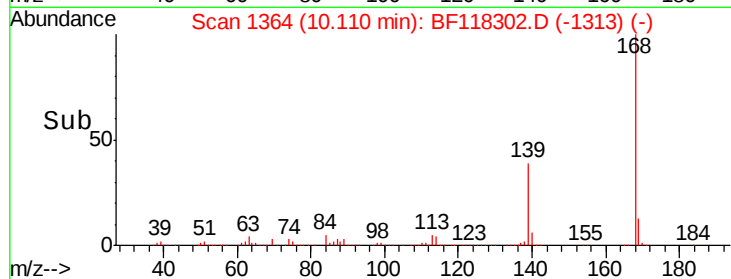
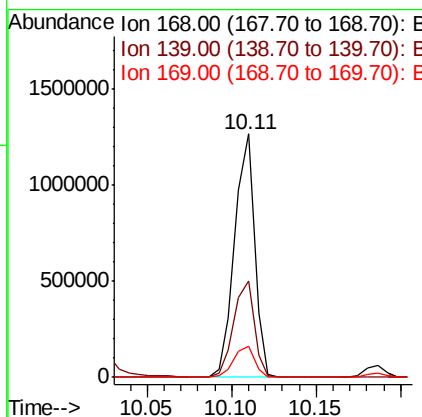
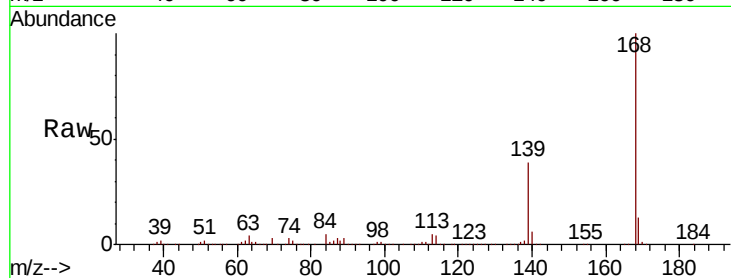




#55
Dibenzofuran
Concen: 39.215 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

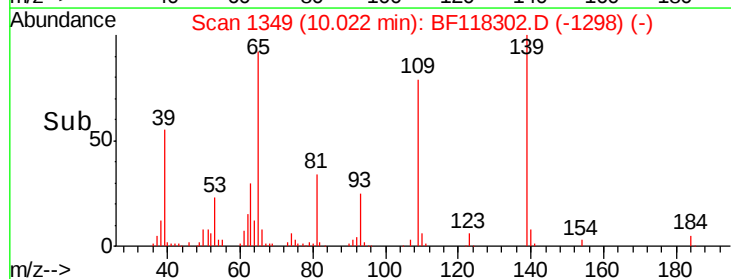
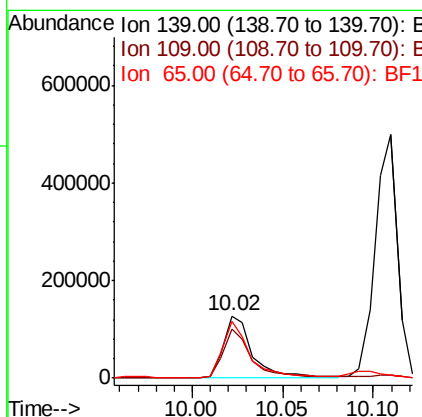
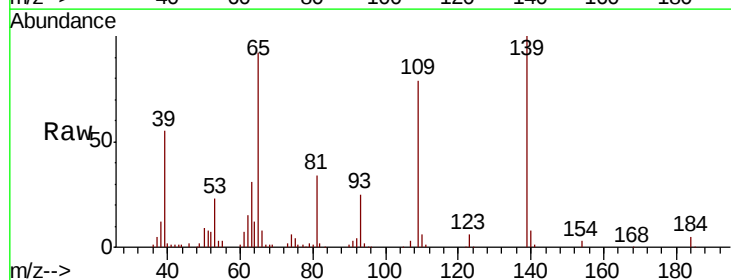
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

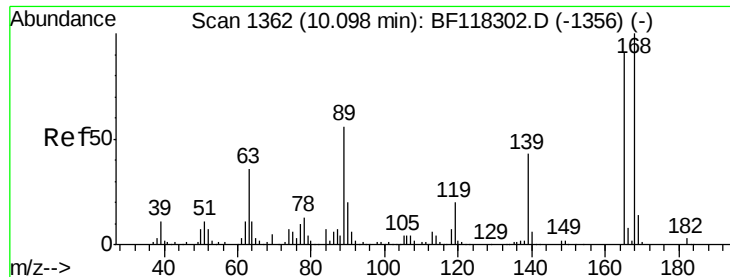
Tot Ion:168 Resp: 1041545
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 34.494 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:139 Resp: 143603
Ion Ratio Lower Upper
139 100
109 79.3 59.3 99.3
65 92.4 72.4 112.4

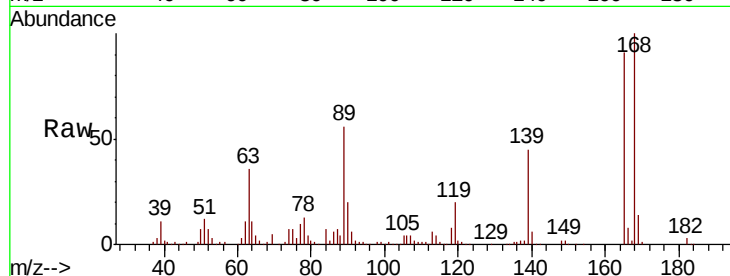




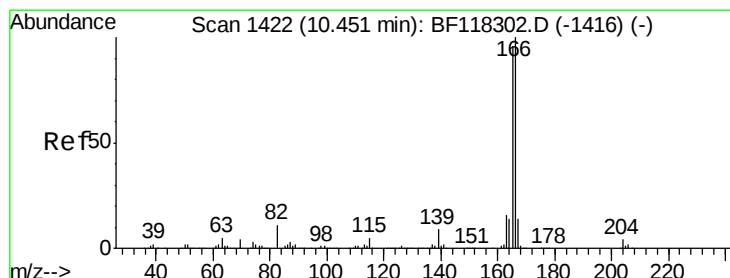
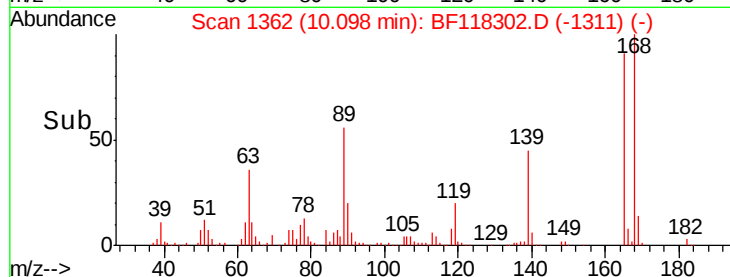
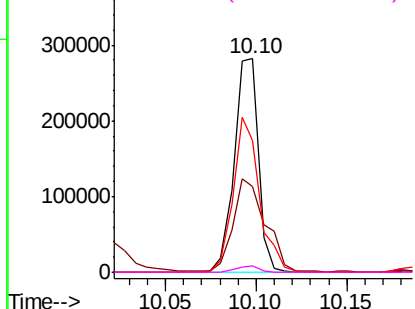
#57
 2,4-Dinitrotoluene
 Concen: 38.609 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:165 Resp: 262678
 Ion Ratio Lower Upper
 165 100
 63 40.0 32.0 48.0
 89 61.6 49.3 73.9
 182 3.0 2.4 3.6

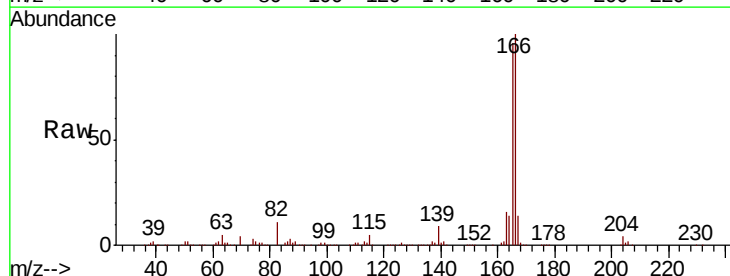


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

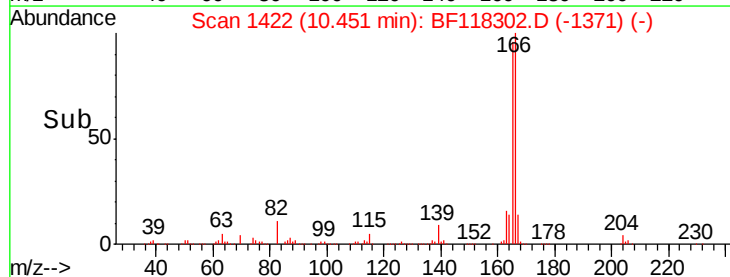
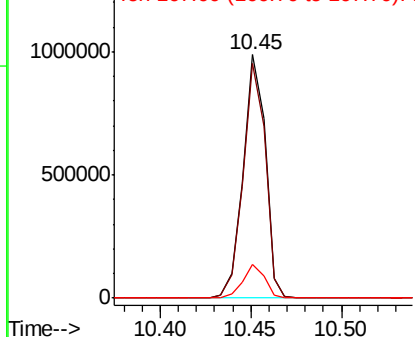


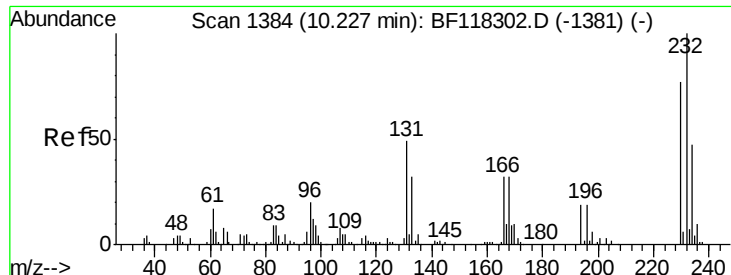
#58
 Fluorene
 Concen: 39.879 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:166 Resp: 841727
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.0 115.4
 167 13.6 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

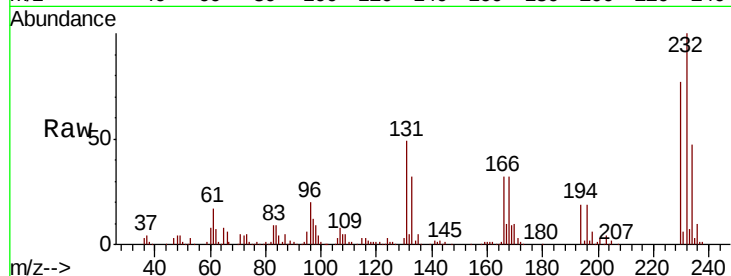




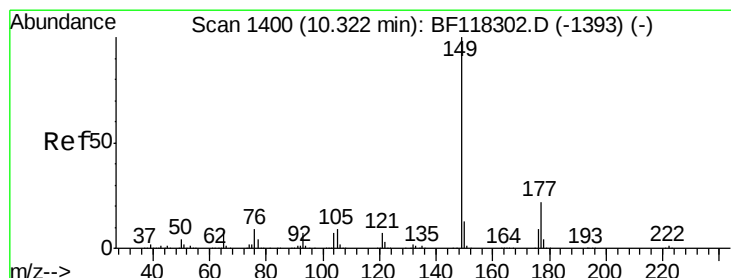
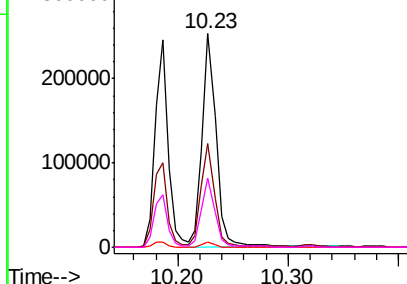
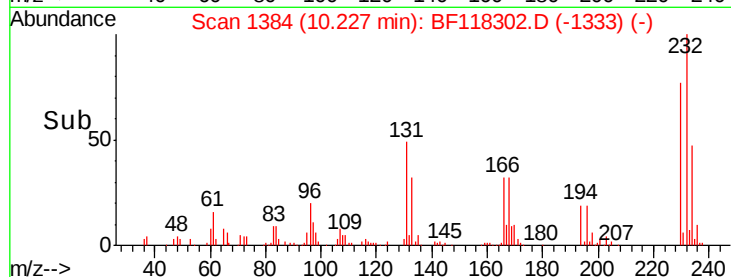
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.288 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	232	Resp:	215566
Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.7	56.5
130	2.5	2.0	3.0
166	30.9	24.7	37.1

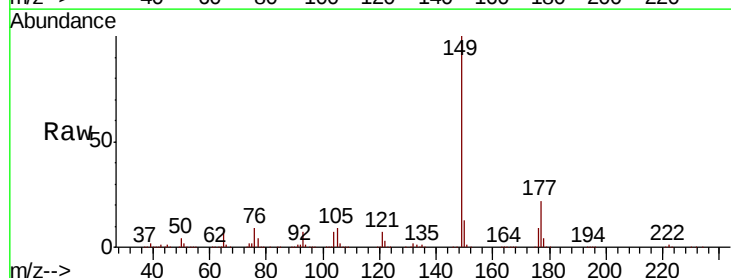


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

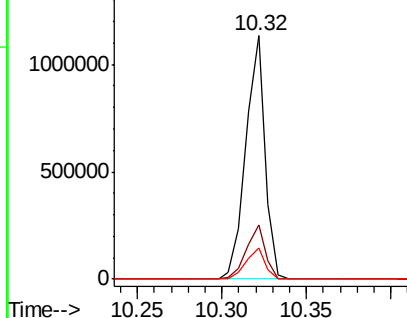
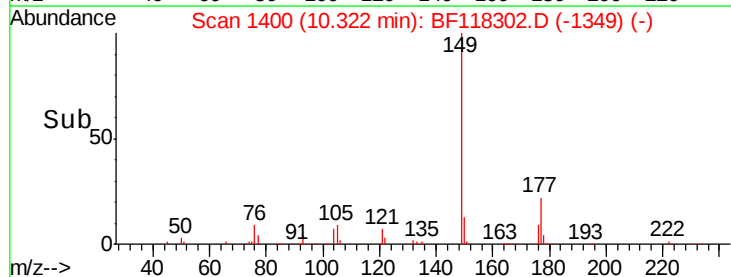


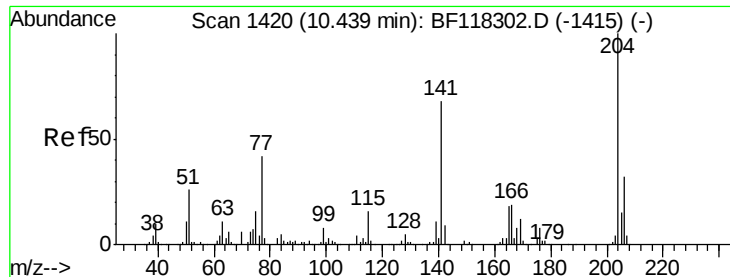
#60
 Diethylphthalate
 Concen: 39.151 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:	149	Resp:	904249
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.7	10.2	15.2



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

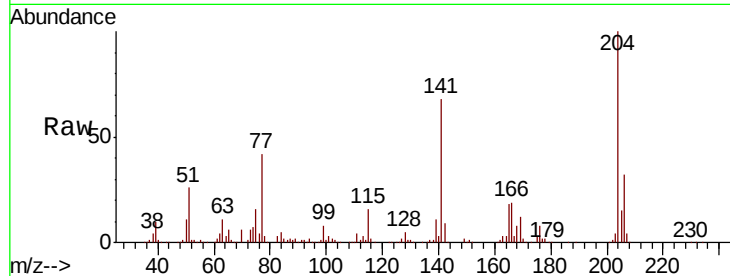




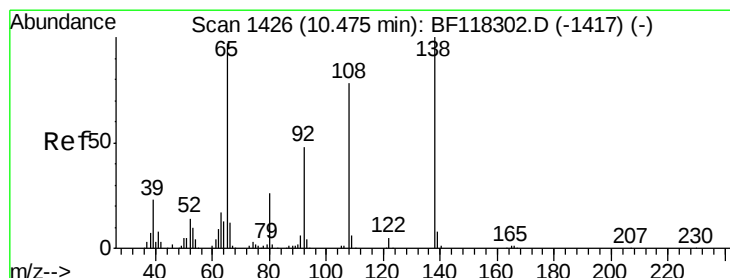
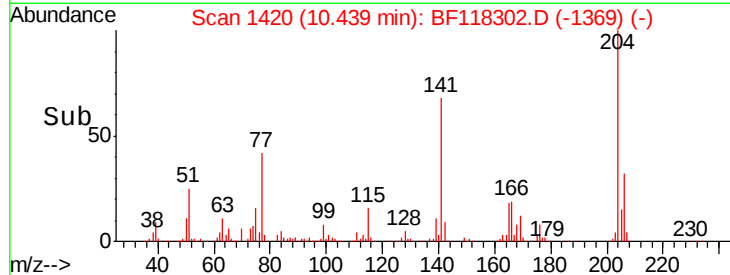
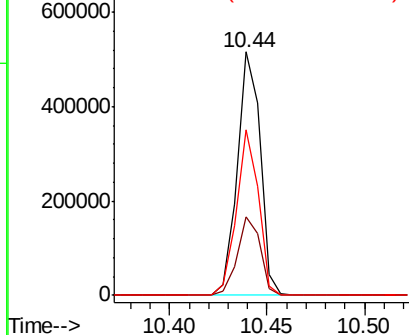
#61
 4-Chlorophenyl-phenylether
 Concen: 39.599 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	204	Resp:	420549
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	67.8	54.2	81.4

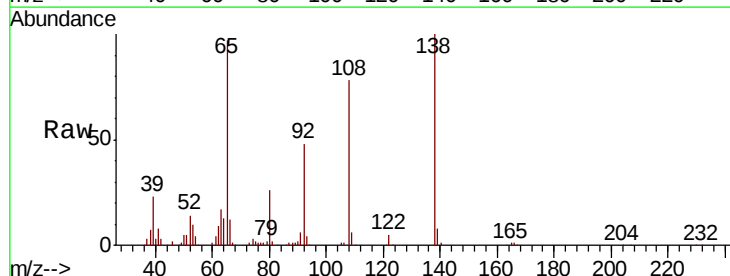


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

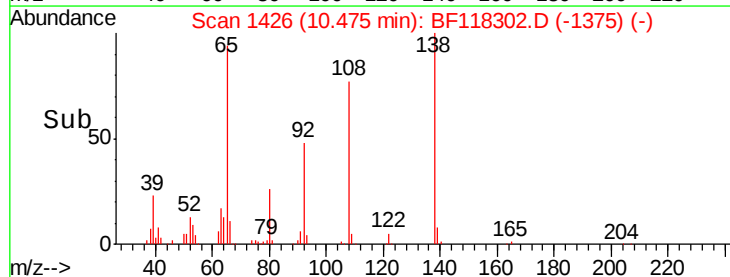
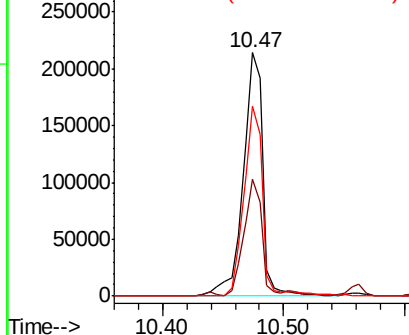


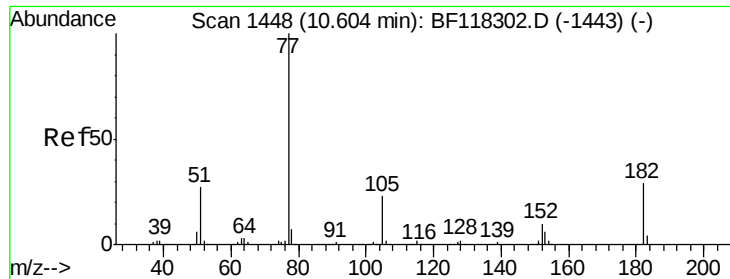
#62
 4-Nitroaniline
 Concen: 39.049 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:	138	Resp:	244309
Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.9	67.9
108	78.1	58.1	98.1



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

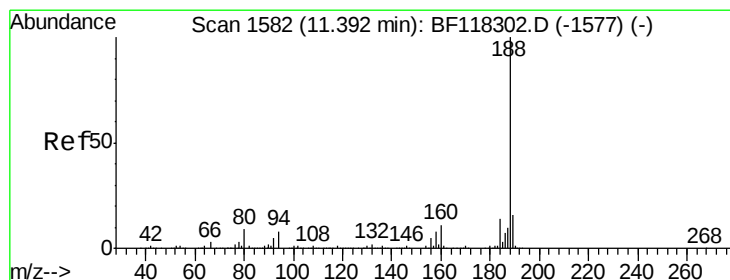
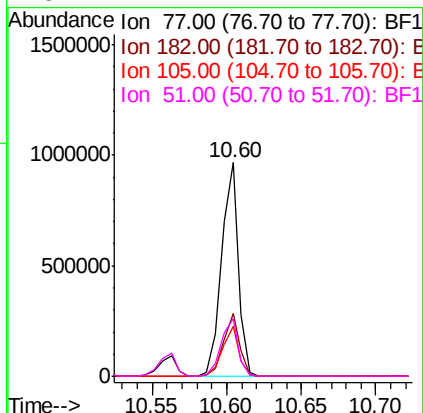
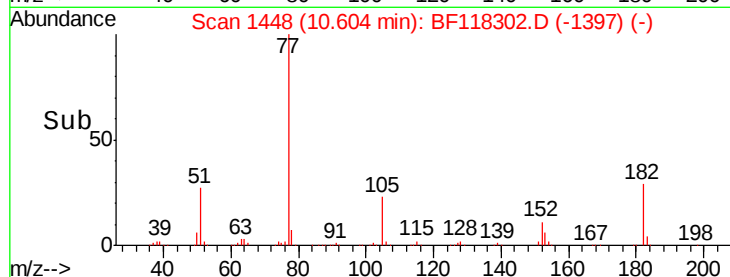
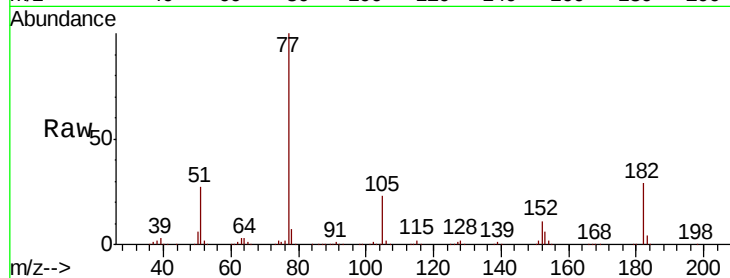




#63
Azobenzene
Concen: 39.018 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

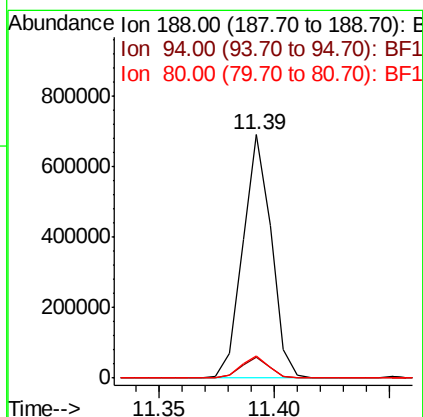
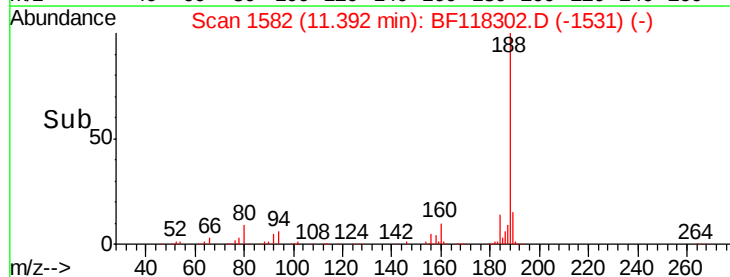
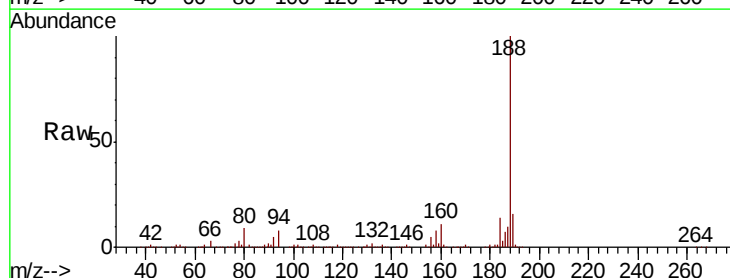
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

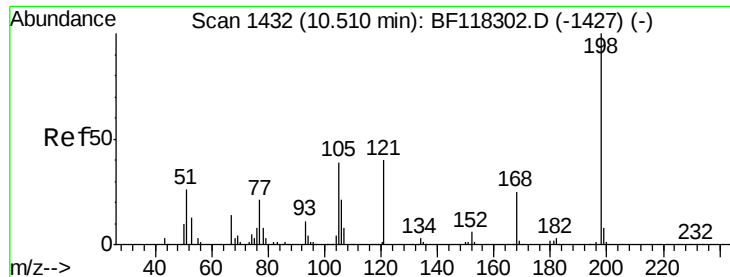
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	9.2	49.2
105	23.2	3.2	43.2
51	27.1	7.1	47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.2	10.8

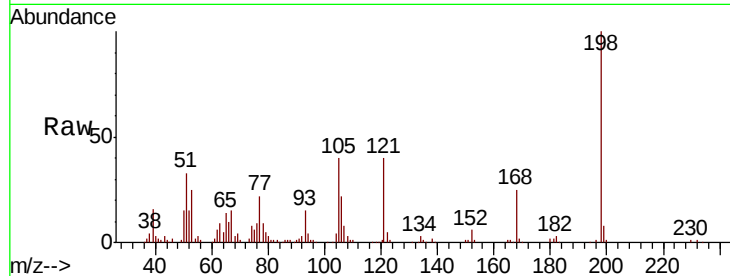




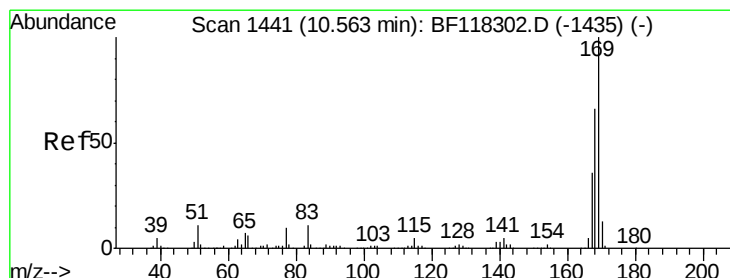
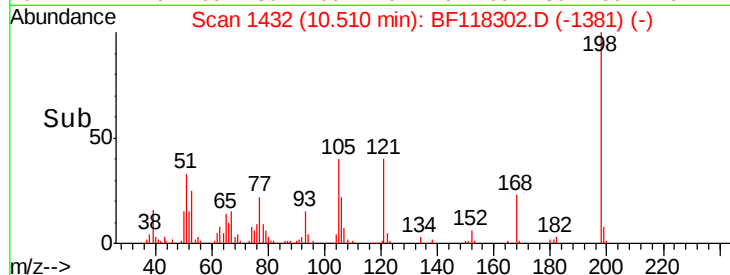
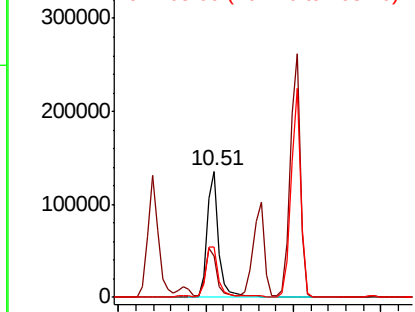
#65
4,6-Dinitro-2-methylphenol
Concen: 37.971 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:198 Resp: 124786
Ion Ratio Lower Upper
198 100
51 32.8 12.8 52.8
105 40.3 20.3 60.3

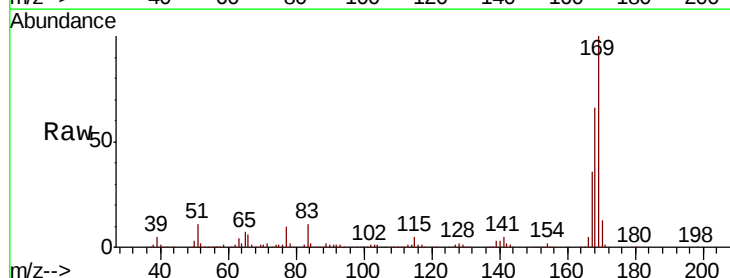


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

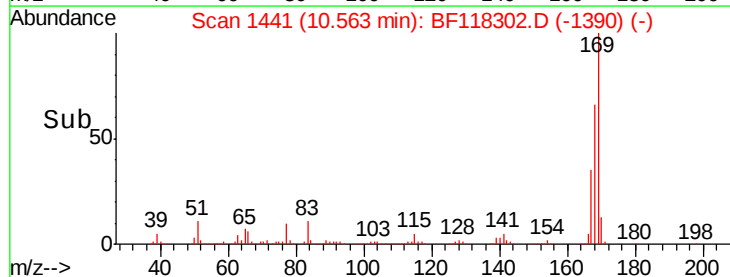
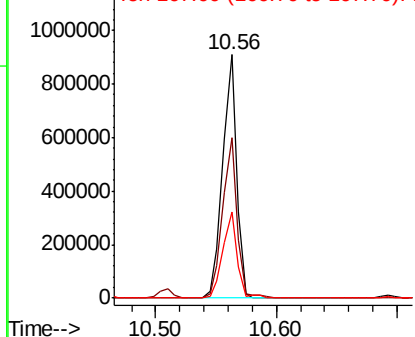


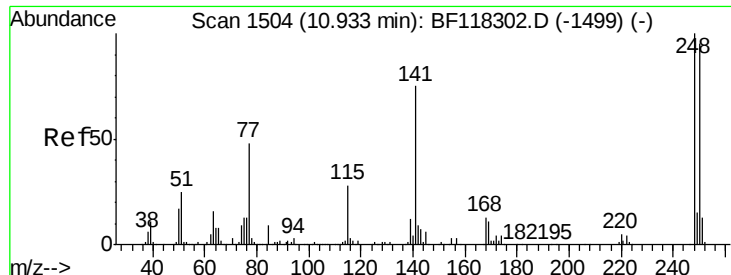
#66
n-Nitrosodiphenylamine
Concen: 39.183 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:169 Resp: 728140
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.5 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

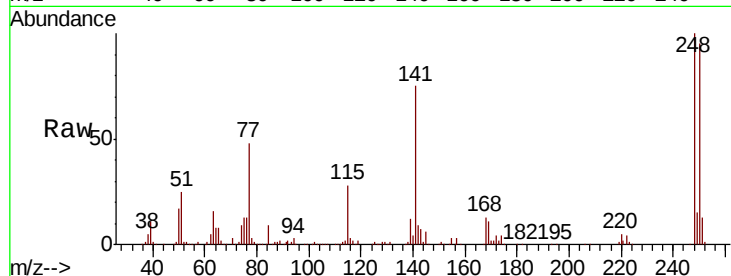




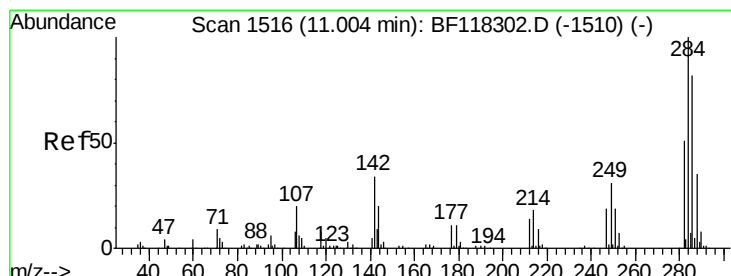
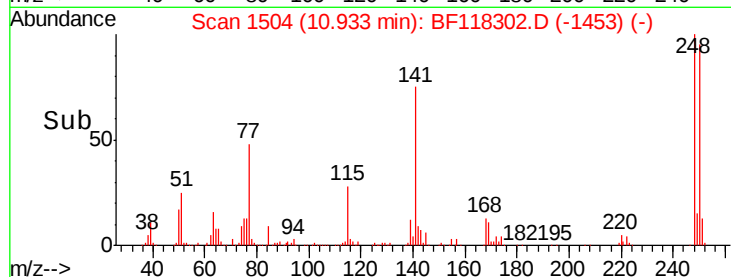
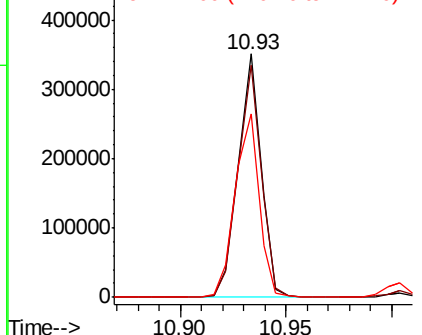
#67
 4-Bromophenyl-phenylether
 Concen: 38.823 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:248 Resp: 263721
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.4 114.6
 141 75.2 60.2 90.2

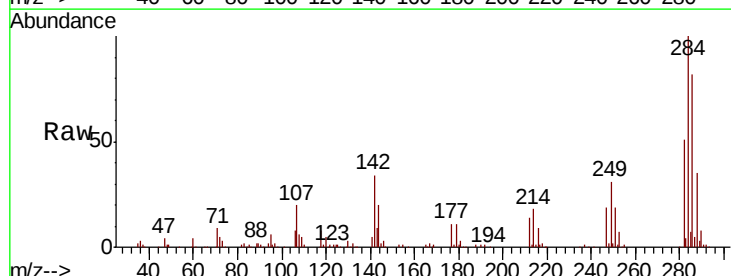


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

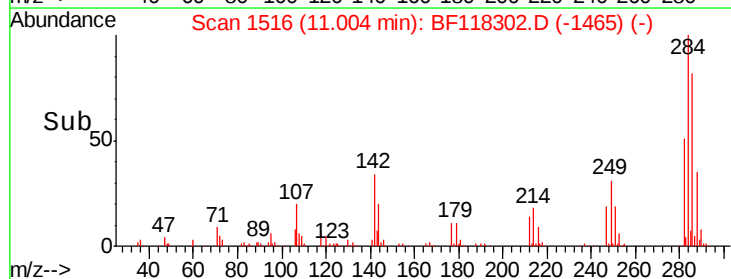
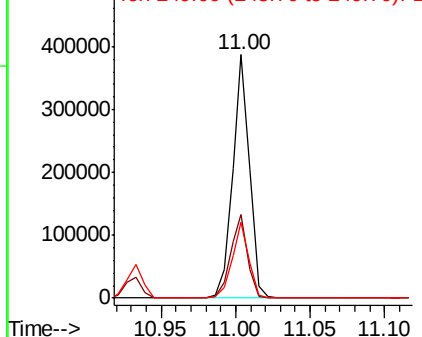


#68
 Hexachlorobenzene
 Concen: 38.589 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:284 Resp: 308535
 Ion Ratio Lower Upper
 284 100
 142 34.1 27.3 40.9
 249 31.3 25.0 37.6



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

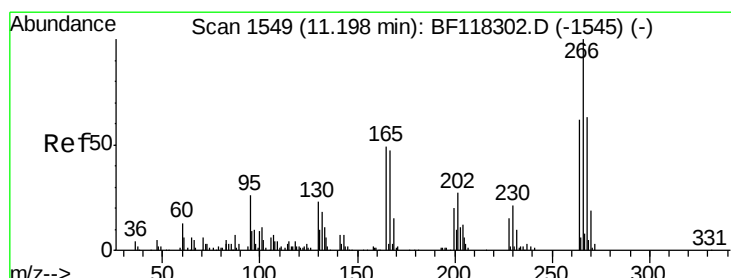
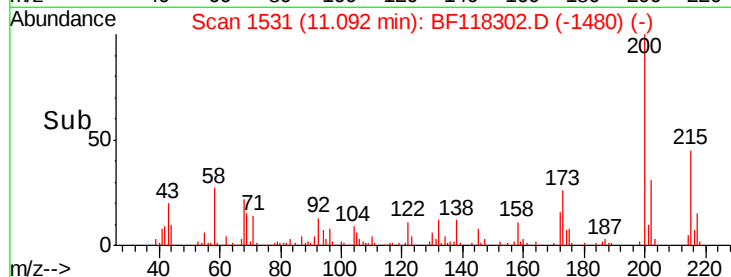
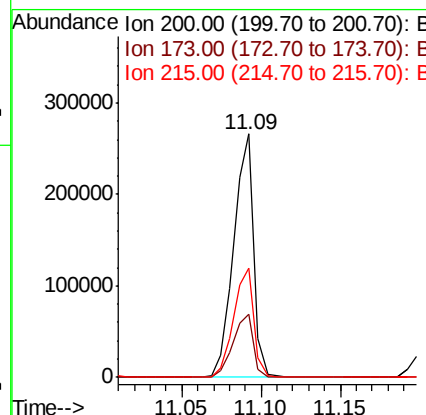
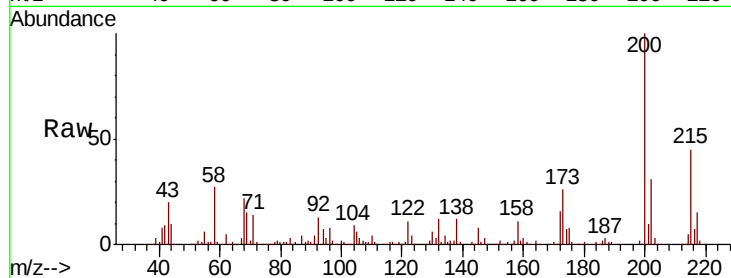




#69
 Atrazine
 Concen: 49.495 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

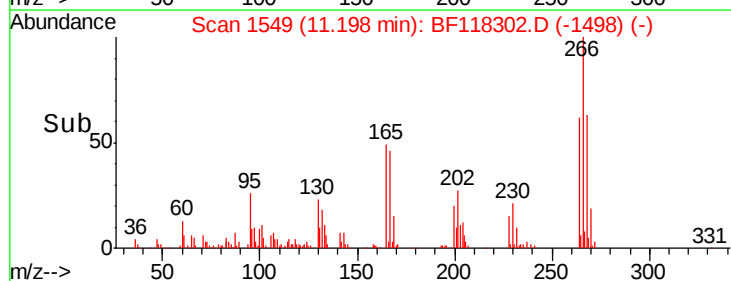
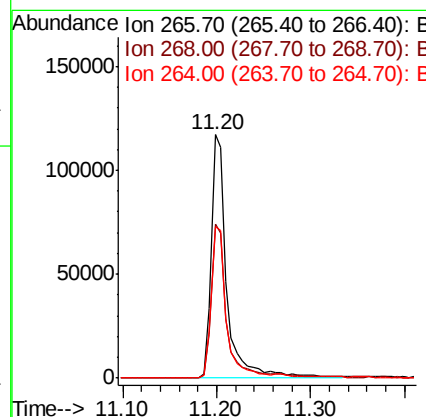
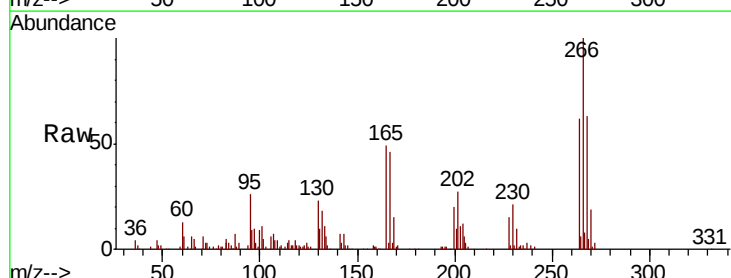
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

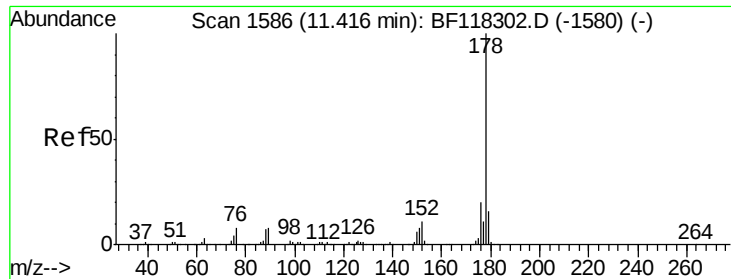
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.8	45.8
215	45.1	25.1	65.1



#70
 Pentachlorophenol
 Concen: 36.736 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	62.4	49.9	74.9

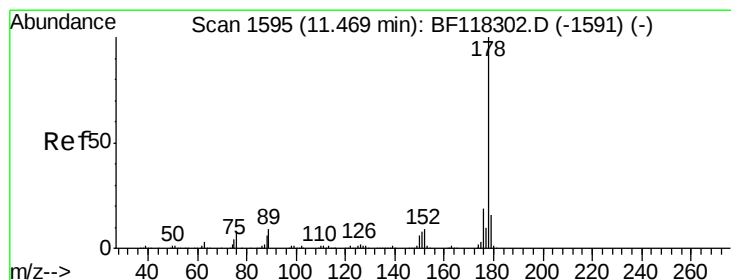
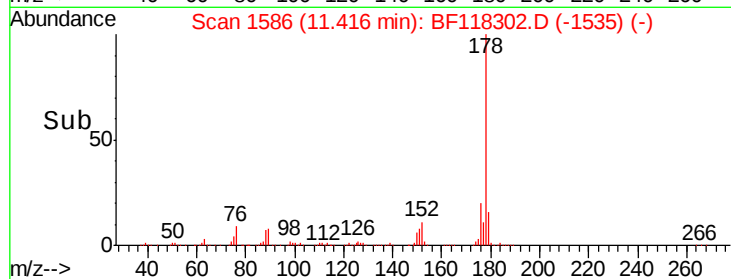
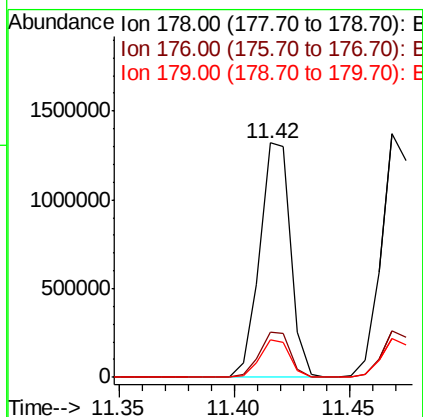
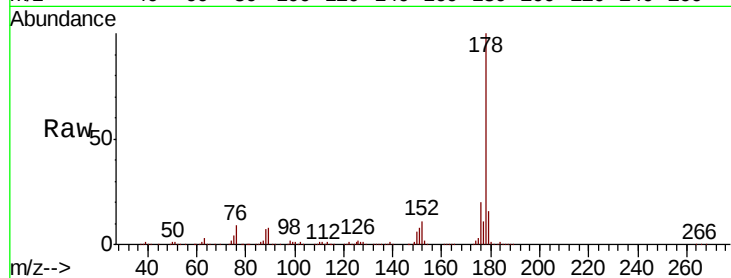




#71
Phenanthrene
Concen: 39.140 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

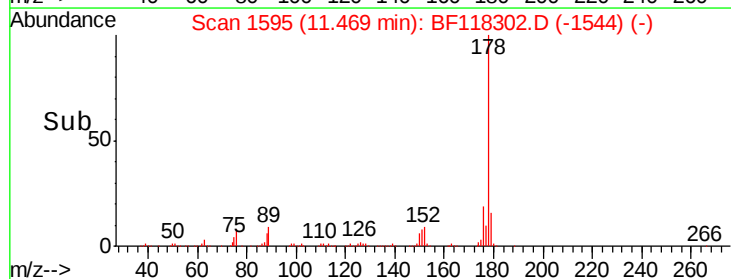
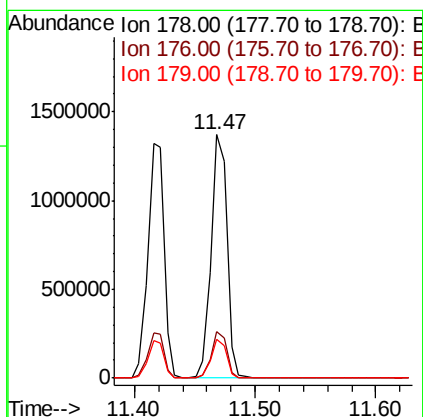
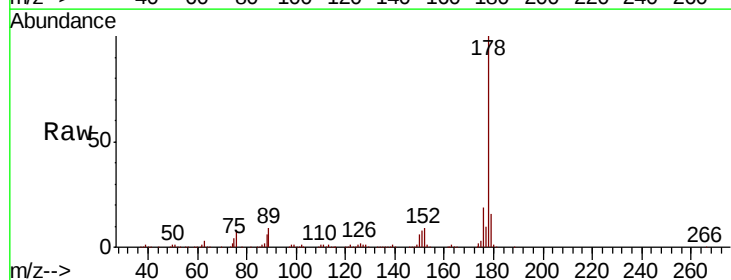
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

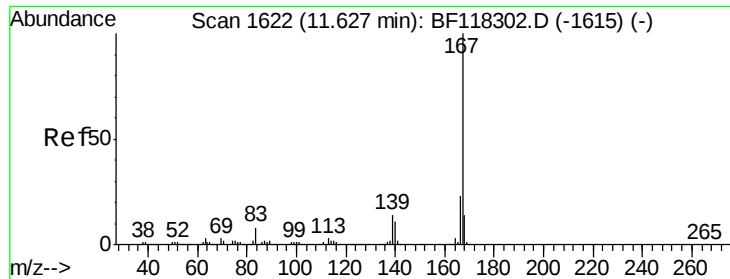
Tot Ion:178 Resp: 1238123
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 39.309 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:178 Resp: 1240456
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 16.1 12.9 19.3



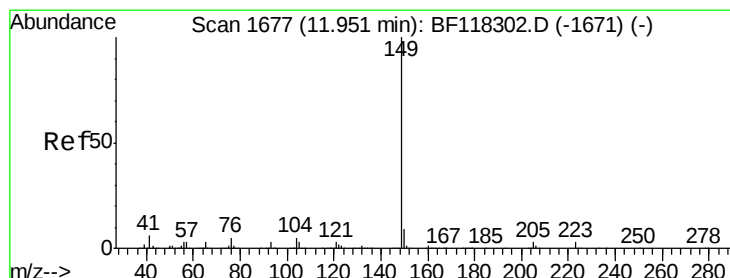
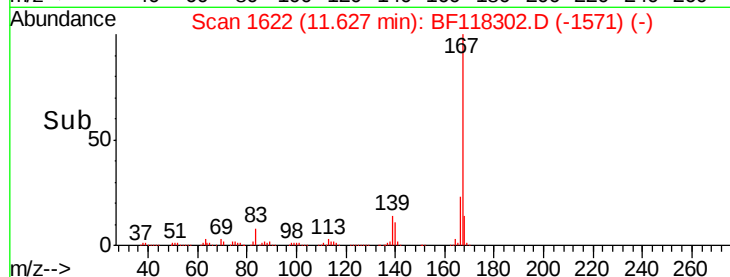
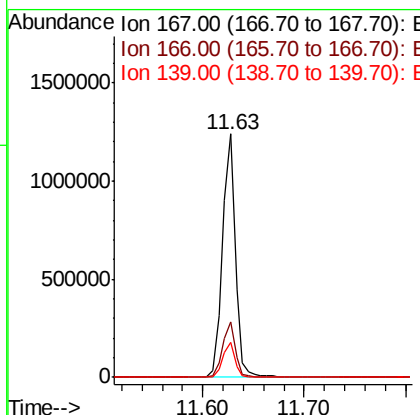
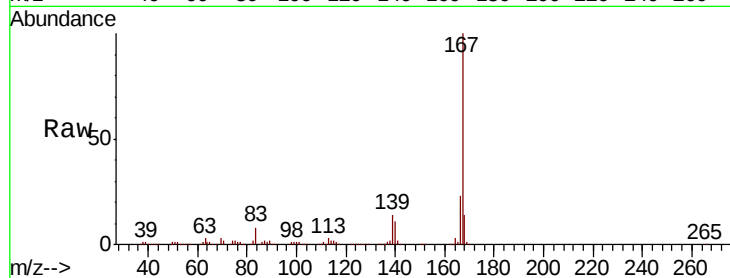


#73
 Carbazole
 Concen: 38.645 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 1094181

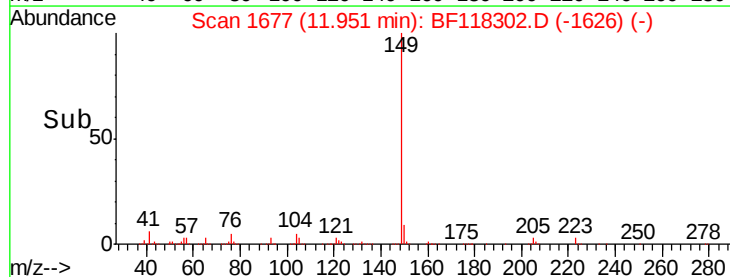
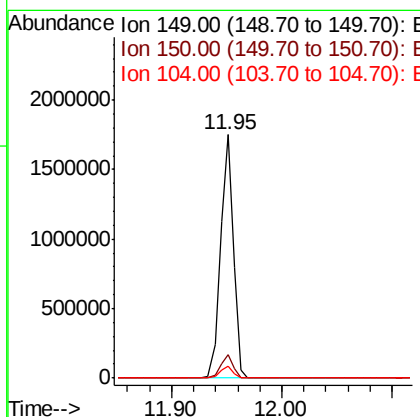
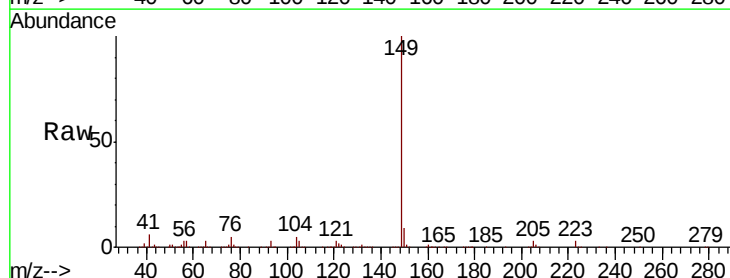
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.4	11.5	17.3

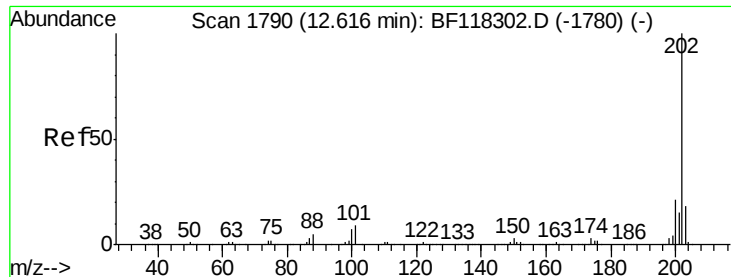


#74
 Di-n-butylphthalate
 Concen: 39.836 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:149 Resp: 1411582

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.0	6.0

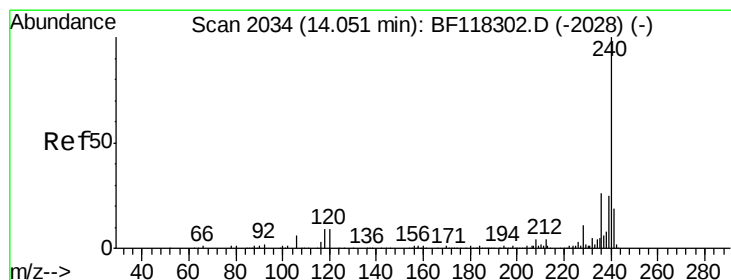
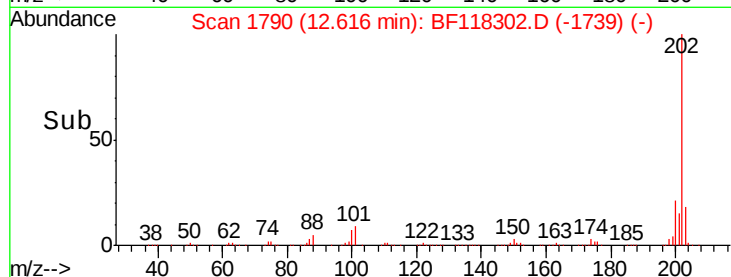
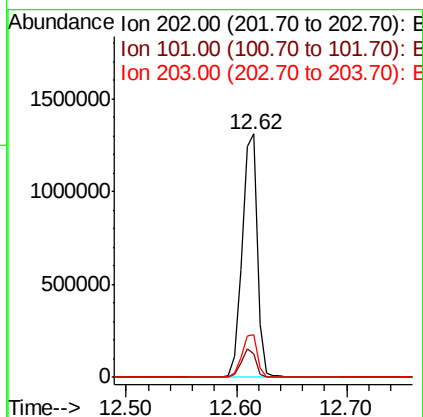
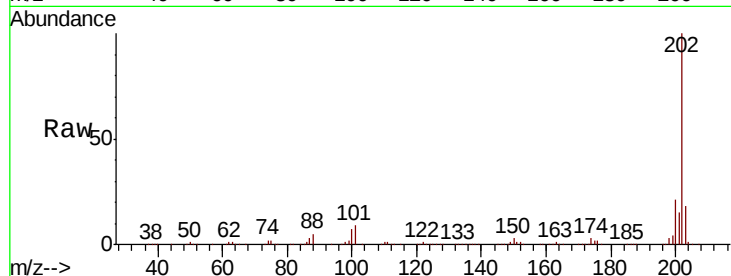




#75
 Fluoranthene
 Concen: 39.309 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

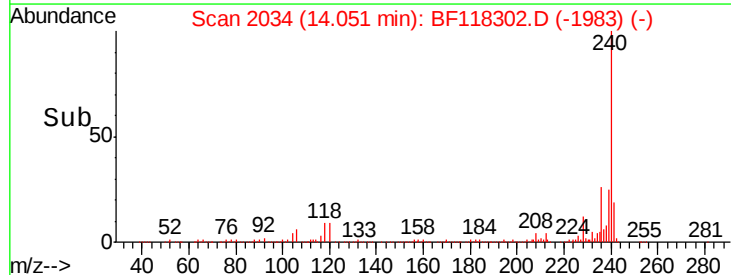
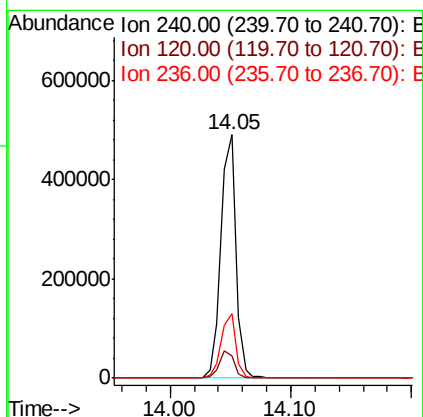
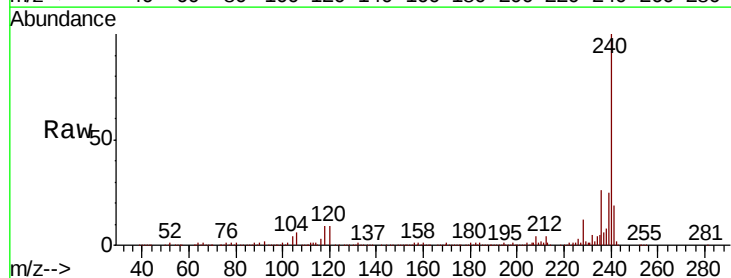
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

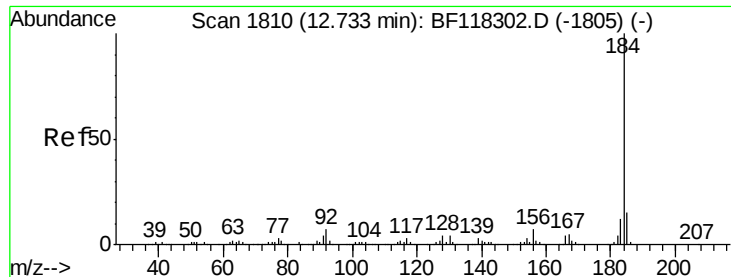
Tot Ion:202 Resp: 1271321
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 29.5
 203 17.6 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118302.D
 Acq: 24 Dec 2019 11:56

Tgt Ion:240 Resp: 419468
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.1 10.7
 236 26.3 21.0 31.6





#77

Benzidine

Concen: 43.247 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

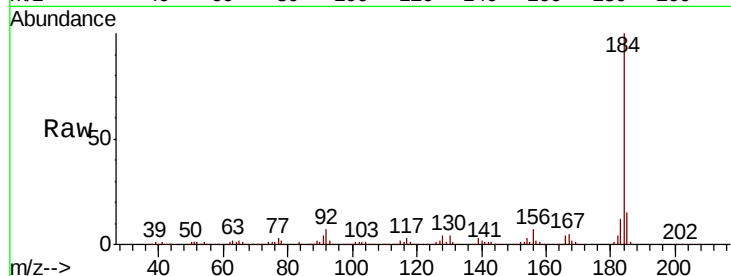
Tot Ion:184 Resp: 477557

Ion Ratio Lower Upper

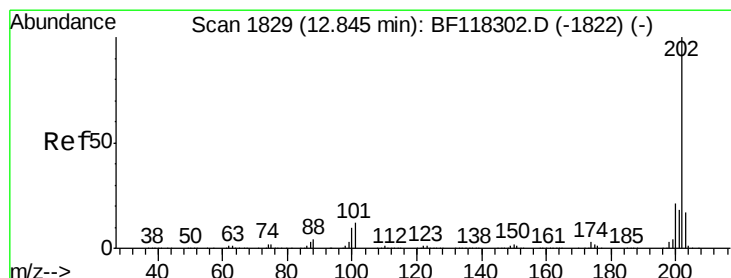
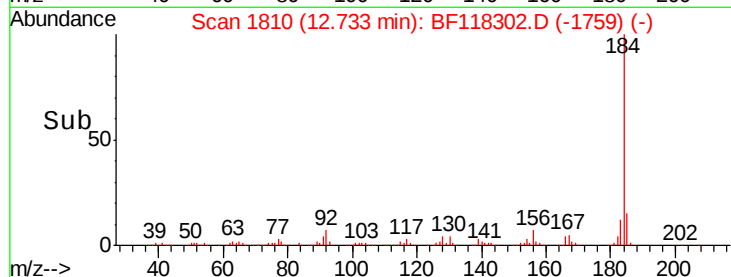
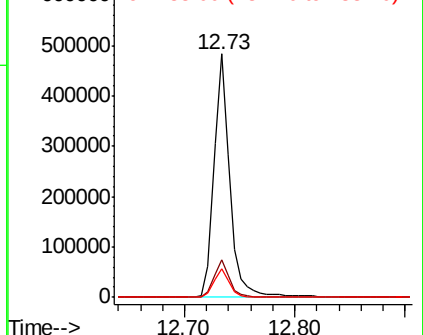
184 100

185 15.4 12.3 18.5

183 11.8 9.4 14.2



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: 38.171 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

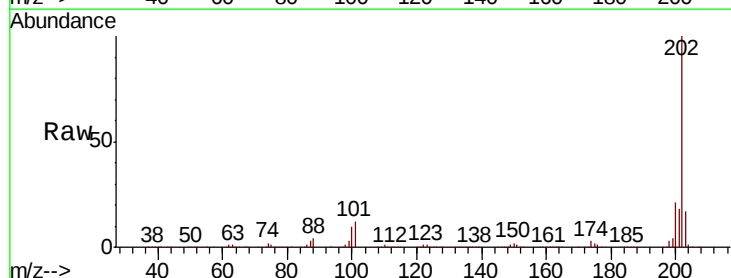
Tgt Ion:202 Resp: 1261770

Ion Ratio Lower Upper

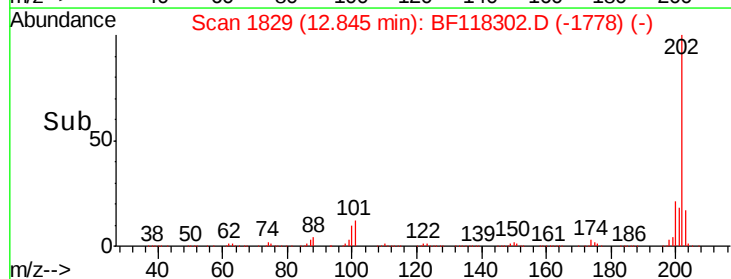
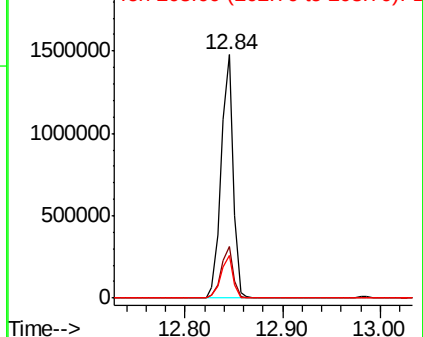
202 100

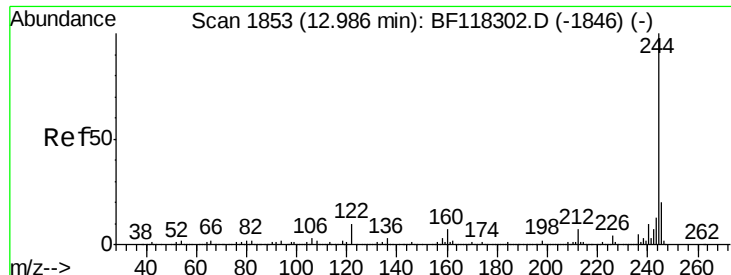
200 21.0 16.8 25.2

203 17.4 13.9 20.9



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: 77.418 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

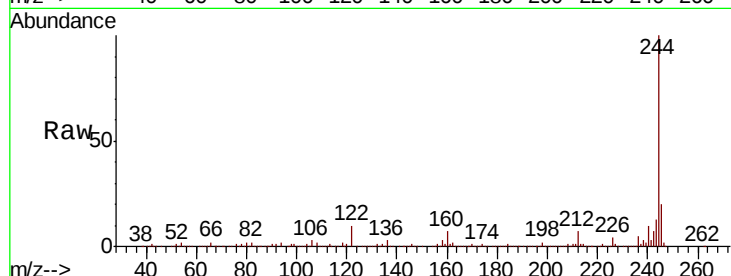
Tot Ion:244 Resp: 1888462

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

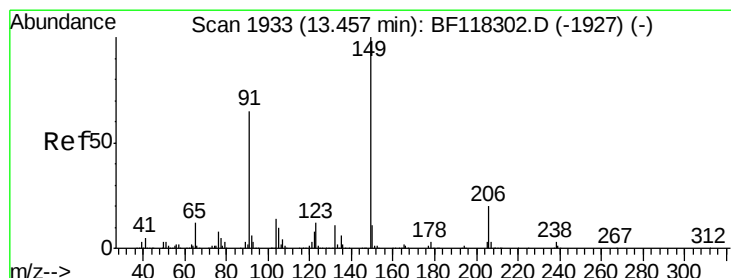
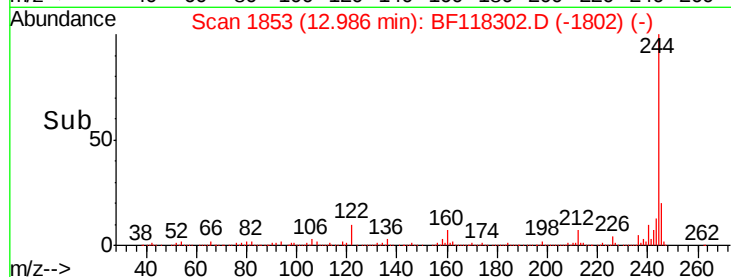
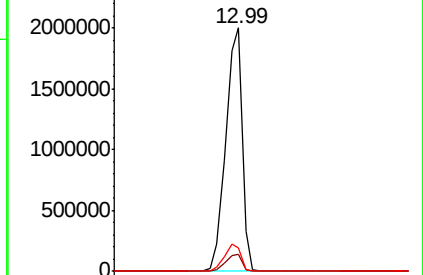
122 9.8 7.8 11.8



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: 38.658 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

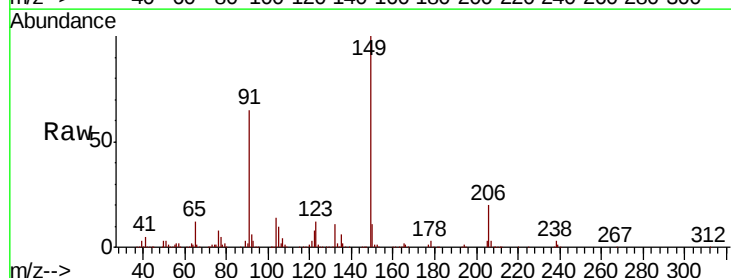
Tgt Ion:149 Resp: 578727

Ion Ratio Lower Upper

149 100

91 64.7 51.8 77.6

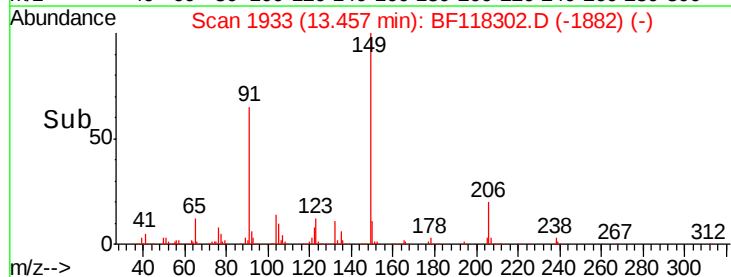
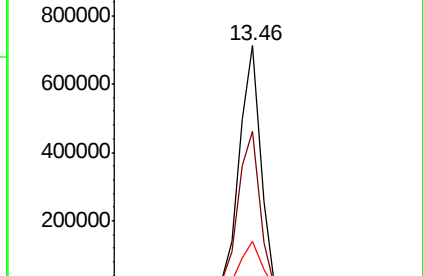
206 19.6 15.7 23.5

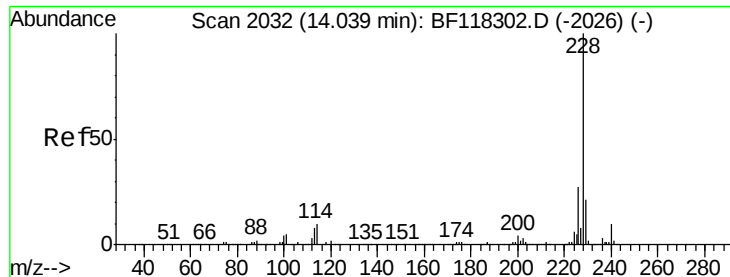


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.199 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

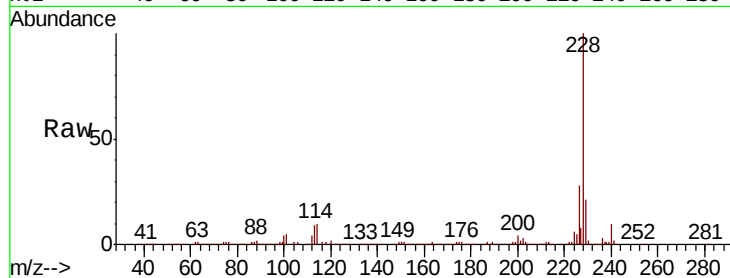
Tot Ion:228 Resp: 1107964

Ion Ratio Lower Upper

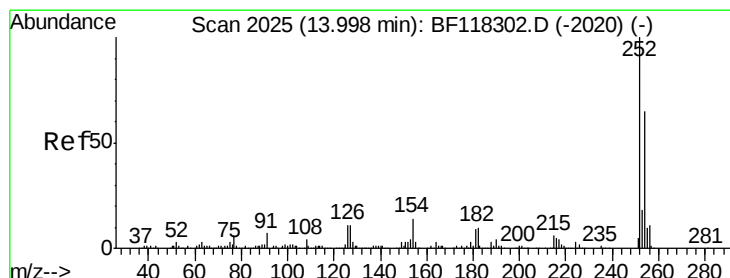
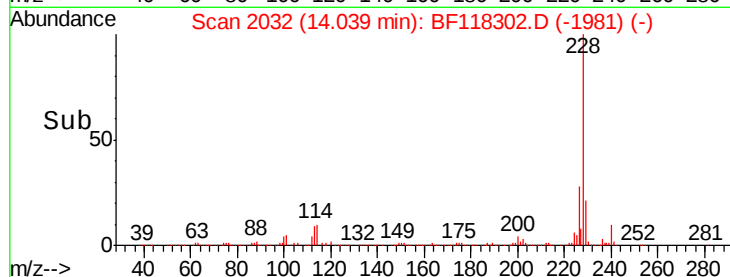
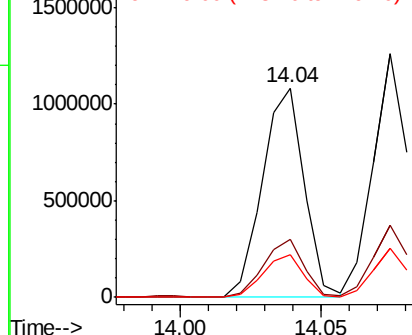
228 100

226 27.5 22.0 33.0

229 20.7 16.6 24.8



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: 41.374 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

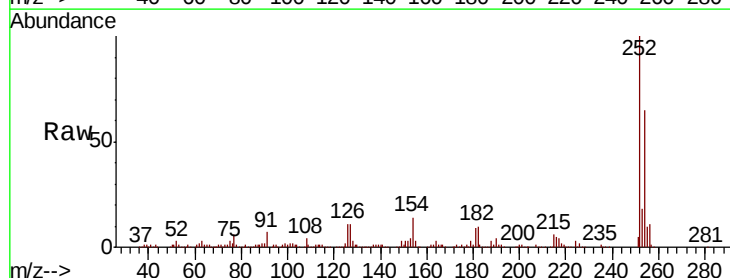
Tgt Ion:252 Resp: 394121

Ion Ratio Lower Upper

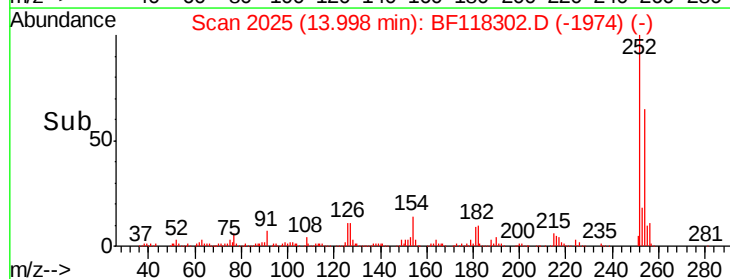
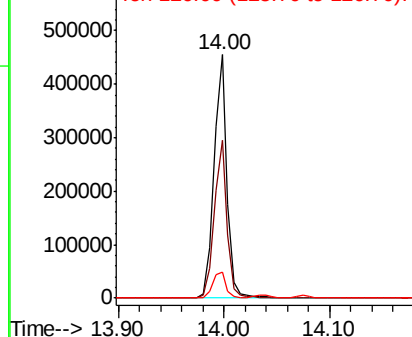
252 100

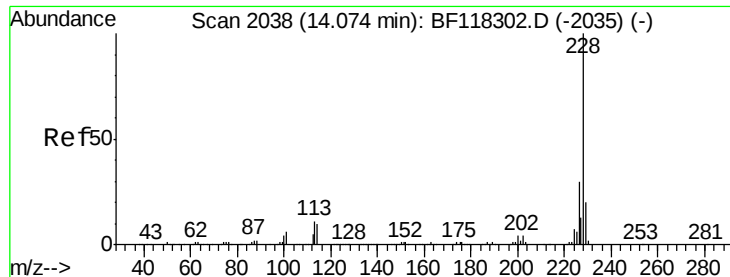
254 64.8 51.8 77.8

126 10.9 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.330 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

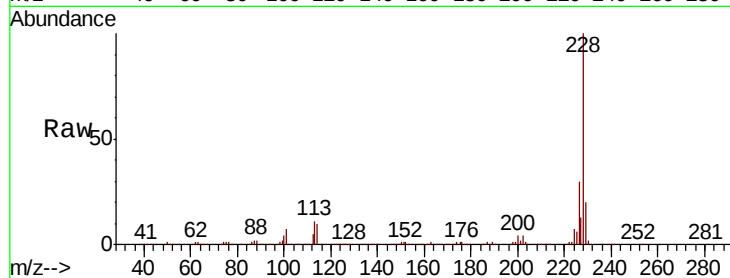
Tot Ion:228 Resp: 1061970

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.1	16.1	24.1

228 100

226 29.9 23.9 35.9

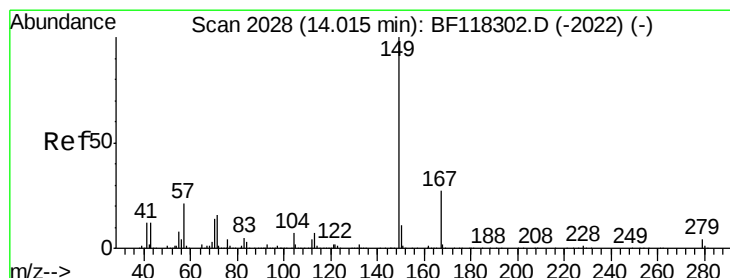
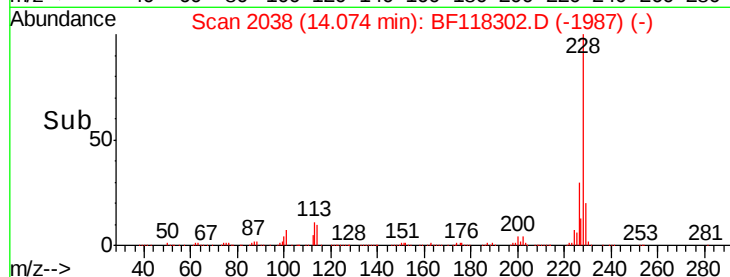
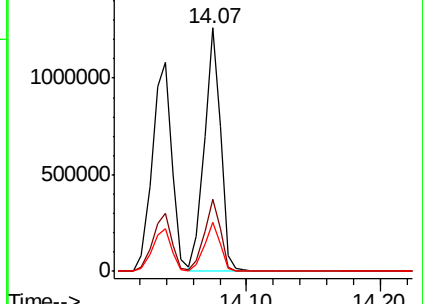
229 20.1 16.1 24.1



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: 38.901 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

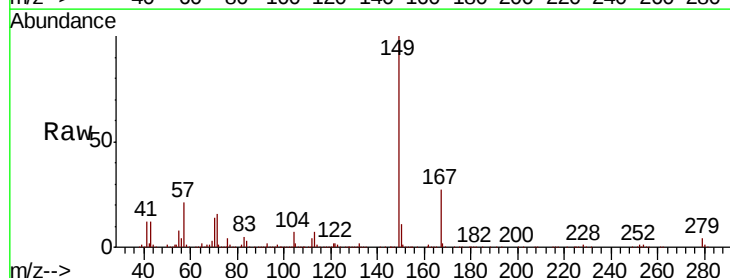
Tgt Ion:149 Resp: 767911

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	4.3	3.4	5.2

149 100

167 26.6 21.3 31.9

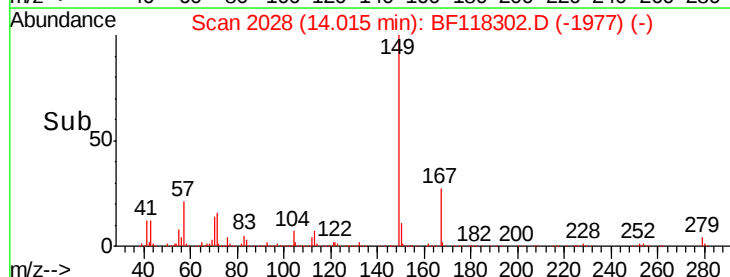
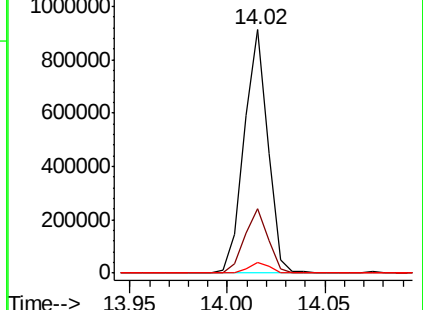
279 4.3 3.4 5.2



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: 37.689 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

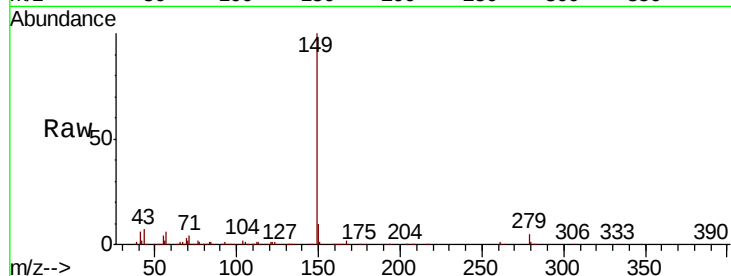
Tot Ion:149 Resp: 1127025

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

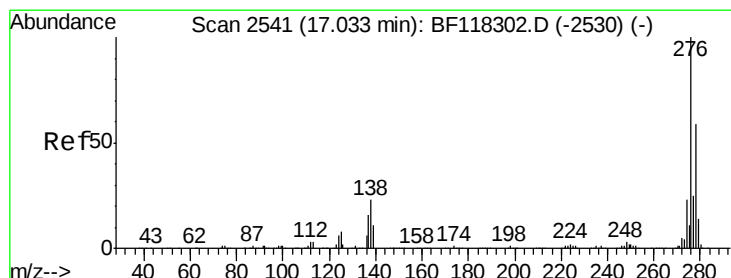
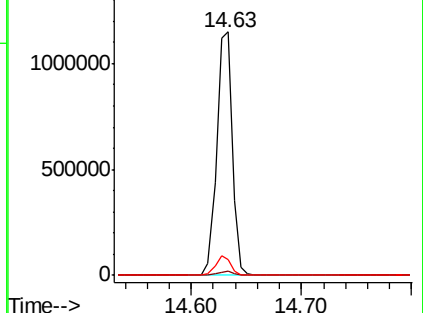
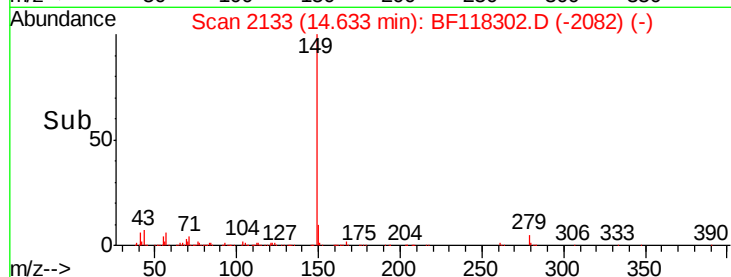
43 7.6 6.1 9.1



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: 36.245 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

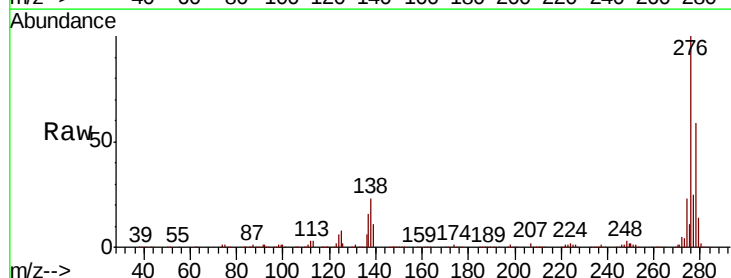
Tgt Ion:276 Resp: 844954

Ion Ratio Lower Upper

276 100

138 24.4 19.5 29.3

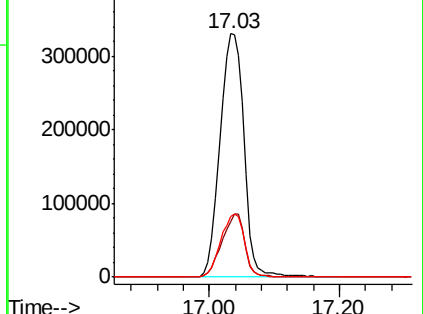
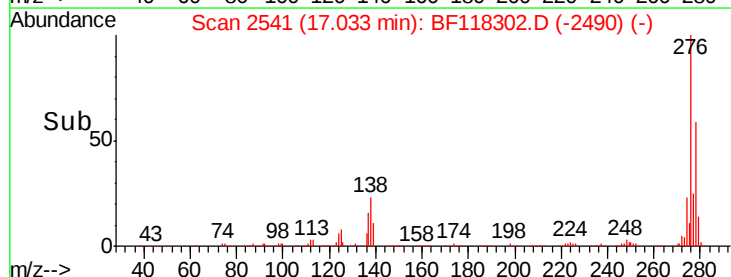
277 25.7 20.6 30.8

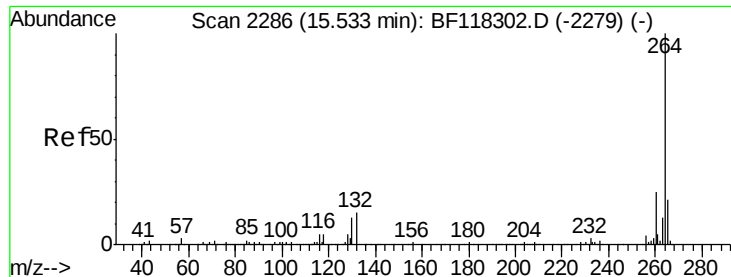


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

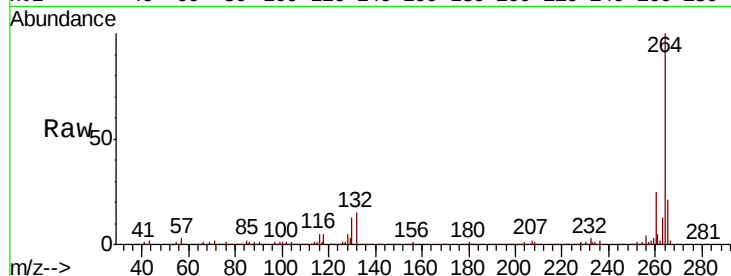




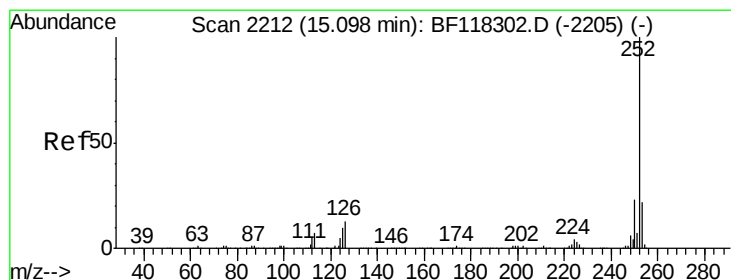
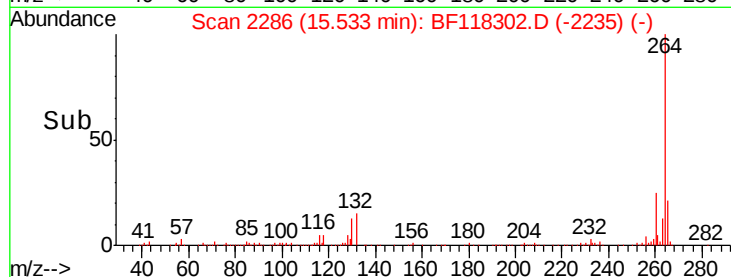
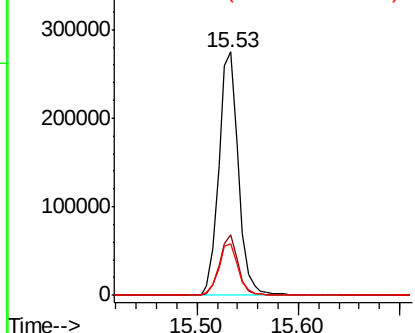
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 366552
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.2 17.0 25.4

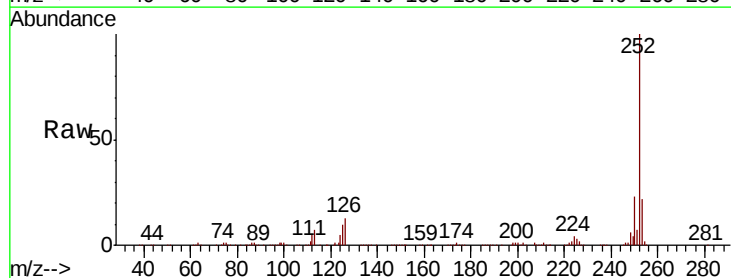


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

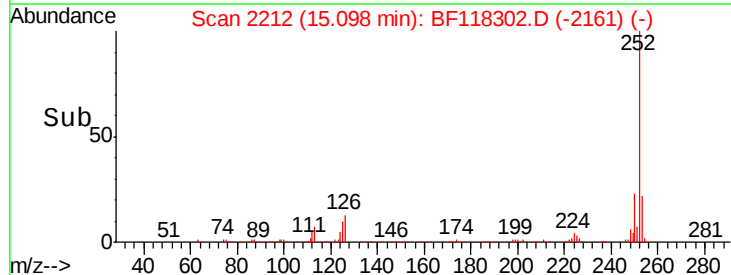
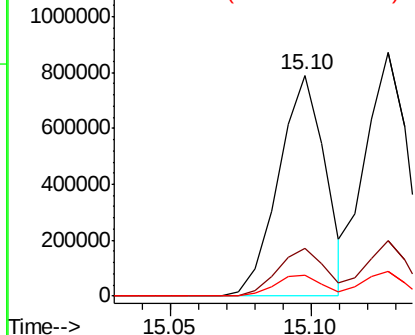


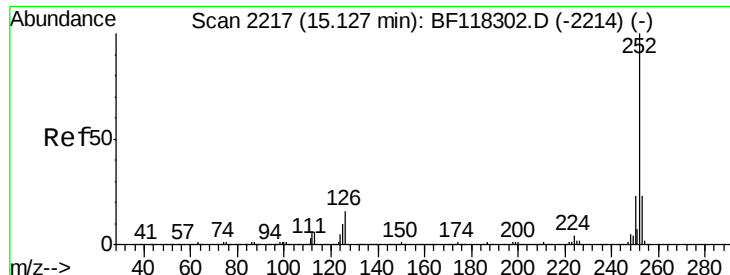
#88
Benzo(b)fluoranthene
Concen: 37.320 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:252 Resp: 904731
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 7.7 11.5



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

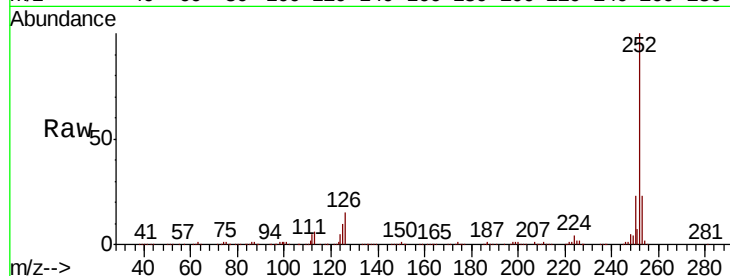




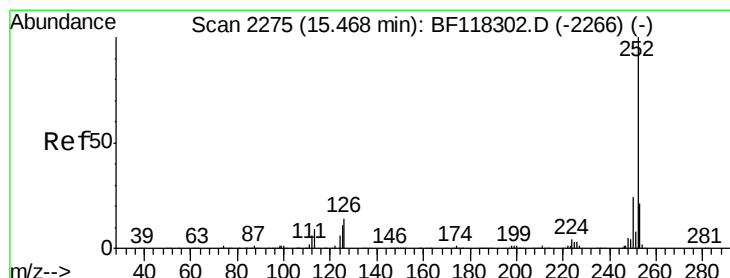
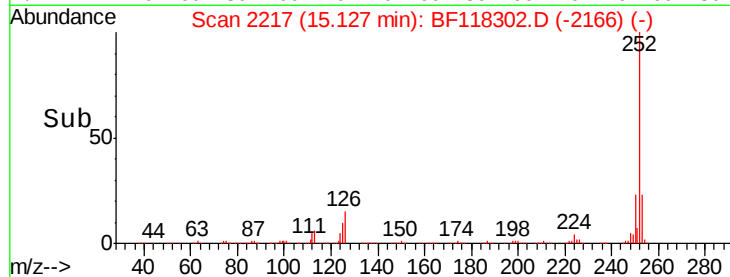
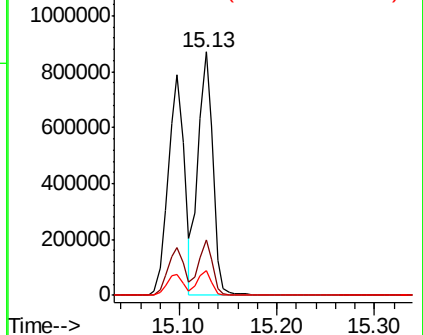
#89
Benzo(k)fluoranthene
Concen: 39.365 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 916776
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.0 8.0 12.0

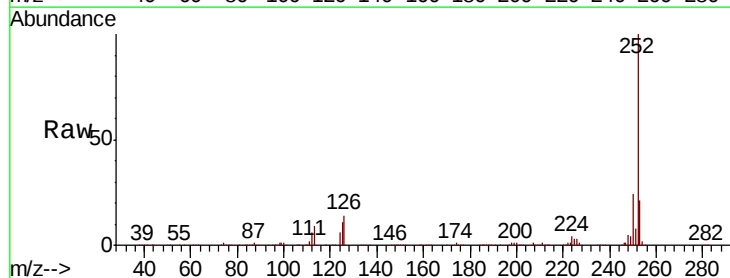


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

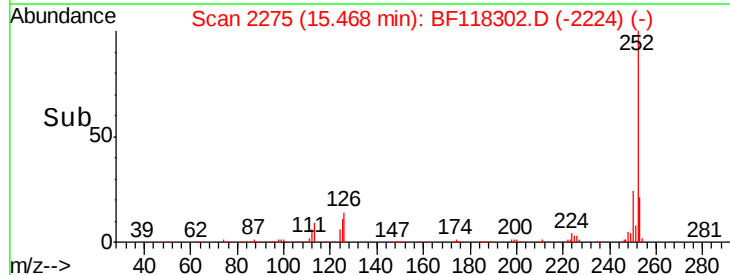
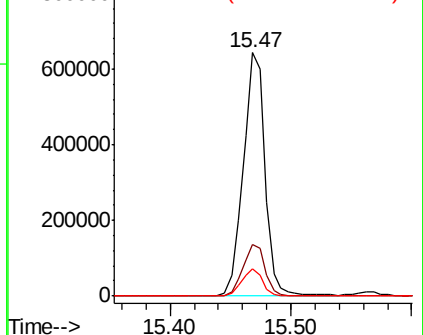


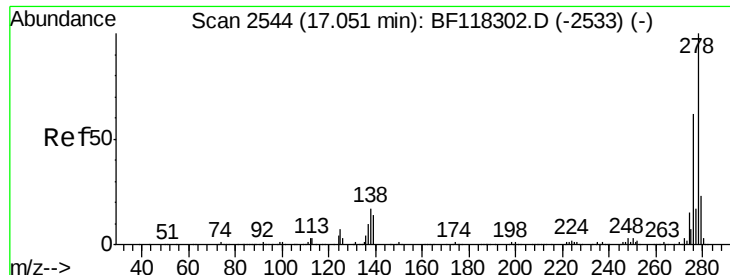
#90
Benzo(a)pyrene
Concen: 37.935 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118302.D
Acq: 24 Dec 2019 11:56

Tgt Ion:252 Resp: 812221
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.2 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 37.685 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Instrument :

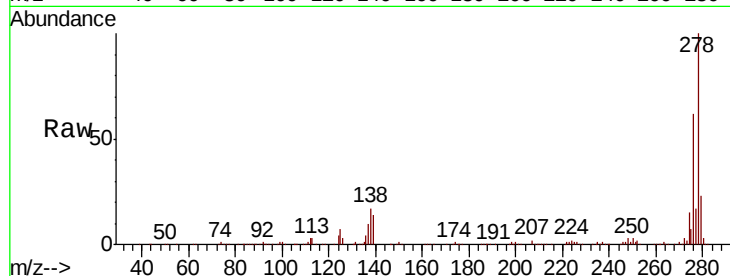
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:278 Resp: 692047

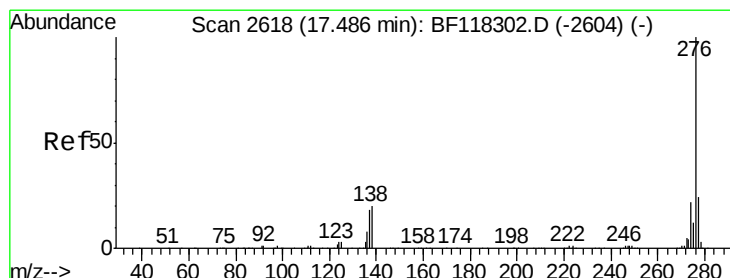
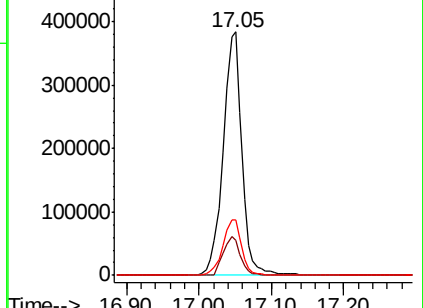
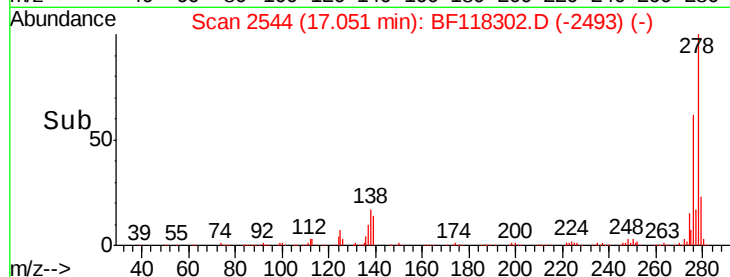
Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.5	17.3
279	22.9	18.3	27.5



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: 37.936 ng

RT: 17.49 min Scan# 2618

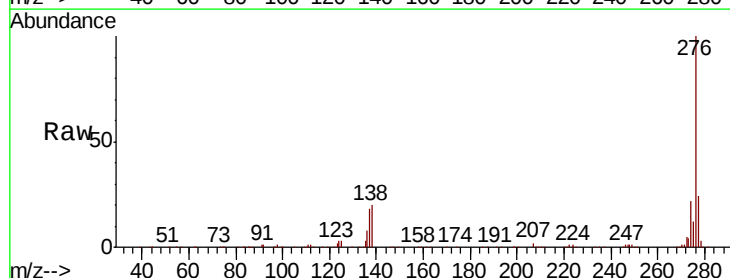
Delta R.T. 0.00 min

Lab File: BF118302.D

Acq: 24 Dec 2019 11:56

Tgt Ion:276 Resp: 669453

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	20.1	16.1	24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

