

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115524.D
 Acq On : 12 Jul 2019 12:14
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 13:12:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192136	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	789519	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	374868	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	699310	20.00	ng	0.00
76) Chrysene-d12	14.06	240	370881	20.00	ng	0.00
87) Perylene-d12	15.52	264	379351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2079414	167.21	ng	0.01
7) Phenol-d6	6.54	99	2618438	165.56	ng	0.02
23) Nitrobenzene-d5	7.47	82	2487233	186.13	ng	0.02
42) 2,4,6-Tribromophenol	10.73	330	762095	183.87	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	3546114	165.99	ng	0.00
79) Terphenyl-d14	13.00	244	3574345	197.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	560036	91.813	ng	99
3) Pyridine	3.47	79	1560359	92.511	ng	99
4) n-Nitrosodimethylamine	3.45	42	582493	85.164	ng	97
6) Aniline	6.57	93	1845358	82.683	ng	99
8) 2-Chlorophenol	6.69	128	1181407	84.134	ng	97
9) Benzaldehyde	6.44	77	504886	50.123	ng	98
10) Phenol	6.55	94	1554331	82.140	ng	83
11) bis(2-Chloroethyl)ether	6.63	93	1213503	86.444	ng	100
12) 1,3-Dichlorobenzene	6.84	146	1342503	87.266	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1315103	85.342	ng	98
14) 1,2-Dichlorobenzene	7.07	146	1135764	79.608	ng	96
15) Benzyl Alcohol	7.05	79	1006187	79.282	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1531830	78.041	ng	97
17) 2-Methylphenol	7.14	107	1090954	90.688	ng	98
18) Hexachloroethane	7.41	117	502457	87.528	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	896424	83.778	ng	99
20) 3+4-Methylphenols	7.31	107	1084423	76.314	ng	96
22) Acetophenone	7.32	105	1531667	80.962	ng	# 92
24) Nitrobenzene	7.49	77	1297557	85.980	ng	99
25) Isophorone	7.73	82	2598581	89.717	ng	100
26) 2-Nitrophenol	7.79	139	724643	116.795	ng	92
27) 2,4-Dimethylphenol	7.83	122	1047888	88.573	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	1479410	82.831	ng	99
29) 2,4-Dichlorophenol	8.04	162	1043763	88.578	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	1158650	88.324	ng	99
31) Naphthalene	8.20	128	3125887	79.711	ng	98
32) Benzoic acid	8.02	122	987205	122.119	ng	97
33) 4-Chloroaniline	8.25	127	1543516	88.216	ng	97
34) Hexachlorobutadiene	8.32	225	663868	89.236	ng	100
35) Caprolactam	8.67	113	287564	74.928	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	1111629	89.187	ng	100
37) 2-Methylnaphthalene	8.89	142	2104696	80.296	ng	97
38) 1-Methylnaphthalene	8.99	142	1968694	78.718	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	956202	88.665	ng	98

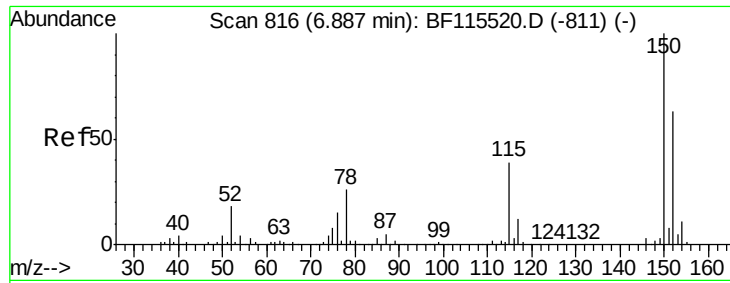
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	606980	97.108	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	772684	98.414	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	759759	93.322	ng	98
46) 1,1'-Biphenyl	9.36	154	2382863	80.856	ng	98
47) 2-Chloronaphthalene	9.39	162	2058918	84.532	ng	98
48) 2-Nitroaniline	9.47	65	722647	100.985	ng	99
49) Acenaphthylene	9.80	152	2958344	80.222	ng	98
50) Dimethylphthalate	9.67	163	2575028	91.519	ng	99
51) 2,6-Dinitrotoluene	9.72	165	601593	98.587	ng	97
52) Acenaphthene	9.97	154	1994866	85.954	ng	99
53) 3-Nitroaniline	9.89	138	691211	97.527	ng	98
54) 2,4-Dinitrophenol	9.99	184	370857	173.684	ng	# 91
55) Dibenzofuran	10.15	168	2528605	77.344	ng	97
56) 4-Nitrophenol	10.05	139	524868	95.720	ng	98
57) 2,4-Dinitrotoluene	10.13	165	751766	96.939	ng	95
58) Fluorene	10.49	166	1901816	73.794	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	611184	86.903	ng	99
60) Diethylphthalate	10.36	149	2281201	82.370	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	951442	75.639	ng	95
62) 4-Nitroaniline	10.52	138	661122	95.033	ng	98
63) Azobenzene	10.63	77	2172316	76.093	ng	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	451792	148.711	ng	91
66) n-Nitrosodiphenylamine	10.60	169	1868966	84.822	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	703942	89.711	ng	96
68) Hexachlorobenzene	11.04	284	808116	91.779	ng	95
69) Atrazine	11.12	200	456186	66.899	ng	99
70) Pentachlorophenol	11.22	266	499474	93.080	ng	99
71) Phenanthrene	11.44	178	2968058	80.701	ng	98
72) Anthracene	11.50	178	2957033	80.179	ng	98
73) Carbazole	11.65	167	2735434	81.074	ng	99
74) Di-n-butylphthalate	11.98	149	3063143	75.120	ng	98
75) Fluoranthene	12.63	202	2933866	75.763	ng	97
77) Benzidine	12.74	184	719389	49.740	ng	96
78) Pyrene	12.86	202	2999821	104.011	ng	98
80) Butylbenzylphthalate	13.47	149	1289698	102.345	ng	99
81) Benzo(a)anthracene	14.04	228	2153824	90.635	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	701662	81.373	ng	97
83) Chrysene	14.09	228	2177059	89.163	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1491220	95.556	ng	# 98
85) Di-n-octyl phthalate	14.64	149	2388190	85.963	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	2347544	111.092	ng	99
88) Benzo(b)fluoranthene	15.10	252	2290874	92.751	ng	99
89) Benzo(k)fluoranthene	15.13	252	1804788	82.163	ng	99
90) Benzo(a)pyrene	15.47	252	1927178	90.464	ng	100
91) Dibenzo(a,h)anthracene	17.04	278	1832665	100.673	ng	98
92) Benzo(g,h,i)perylene	17.48	276	1950784	113.217	ng	98

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

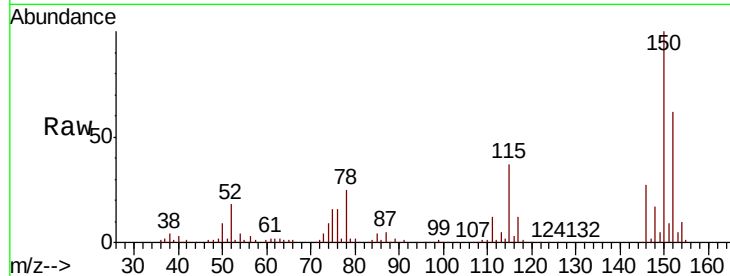


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.4	189.6
115	60.3	49.6	74.4

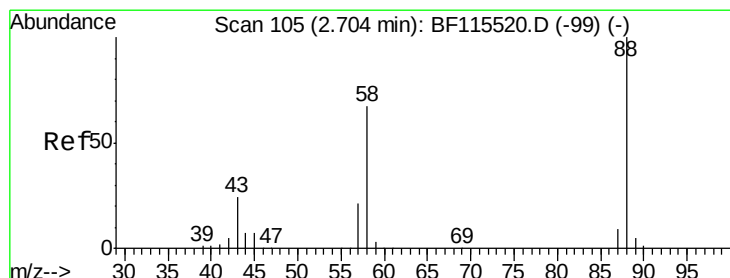
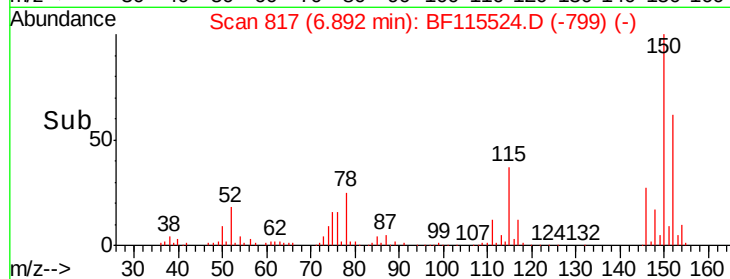
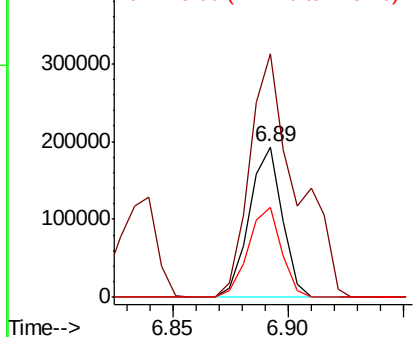


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

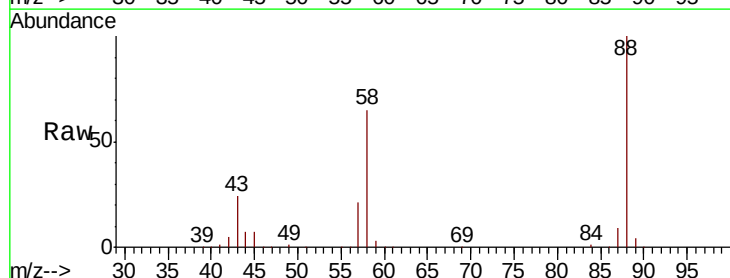
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 91.813 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	52.2	78.4
43	23.9	19.0	28.4

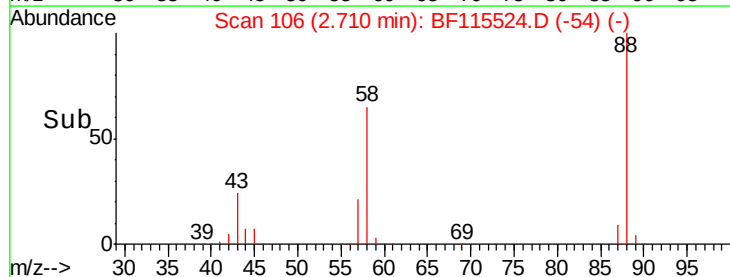
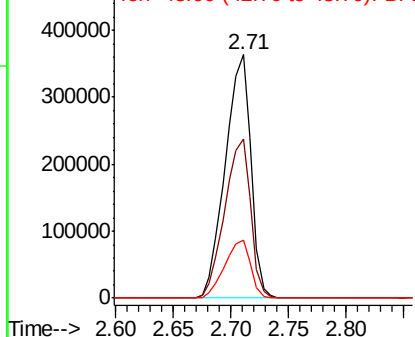


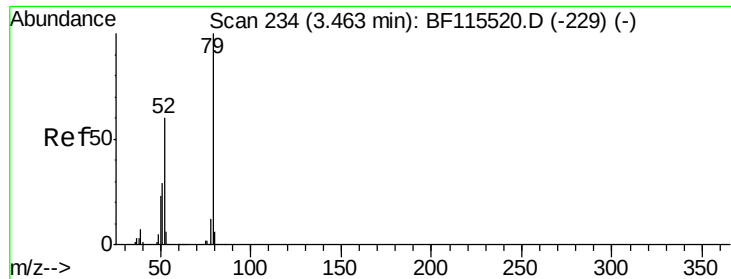
Abundance

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: 92.511 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

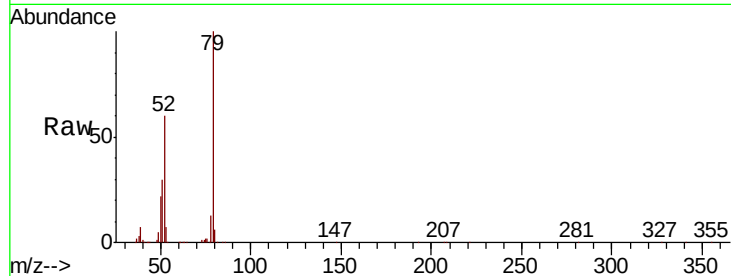
Tot Ion: 79 Resp: 1560359

Ion Ratio Lower Upper

79 100

52 59.7 47.6 71.4

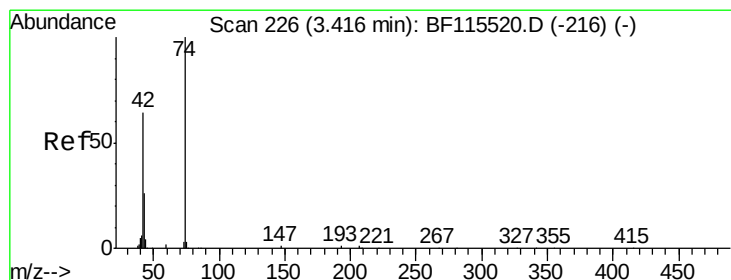
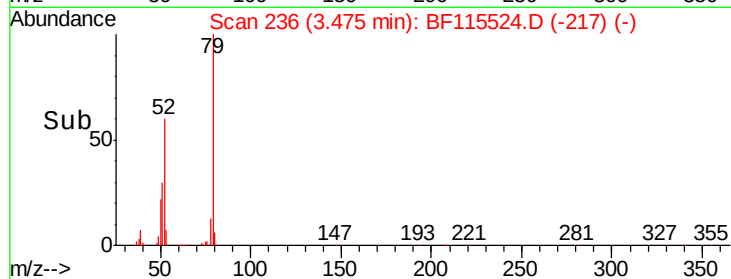
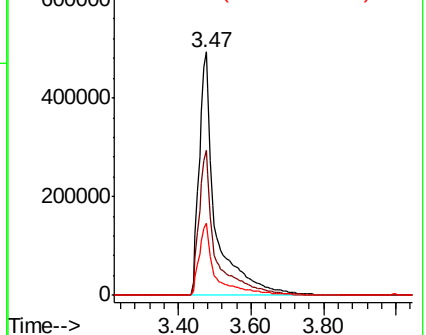
51 29.8 23.4 35.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 85.164 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

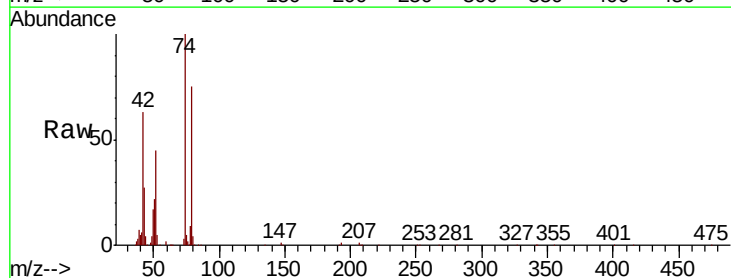
Tgt Ion: 42 Resp: 582493

Ion Ratio Lower Upper

42 100

74 159.4 124.8 187.2

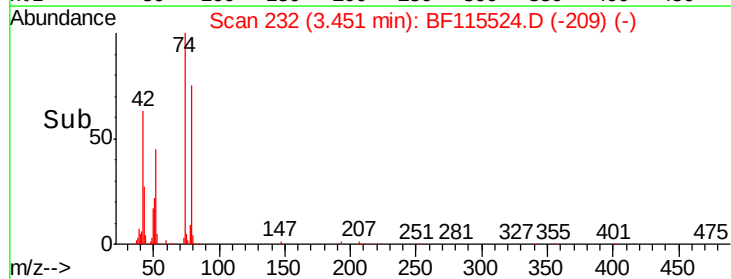
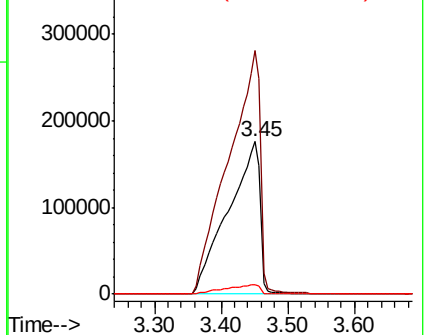
44 6.3 5.6 8.4

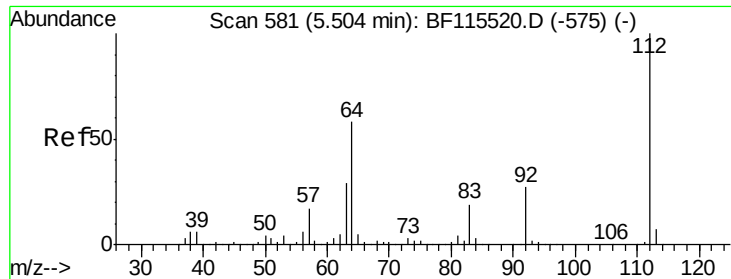


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 167.213 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampled :

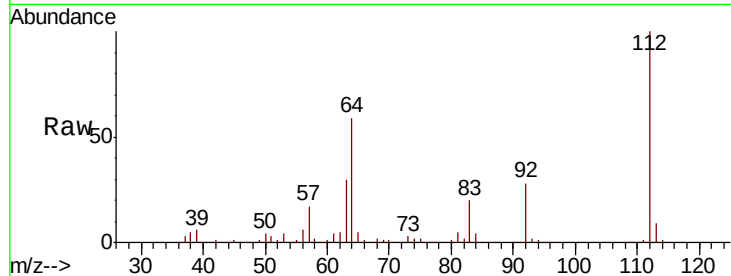
Tot Ion:112 Resp: 2079414

Ion Ratio Lower Upper

112 100

64 58.5 46.2 69.4

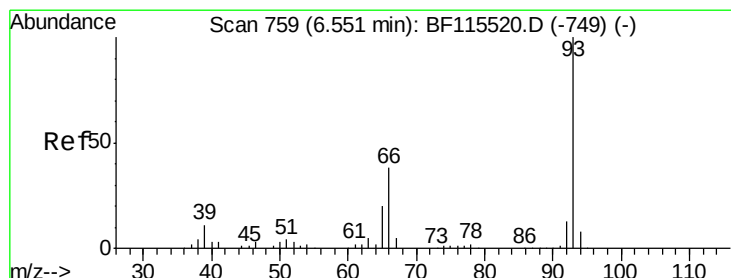
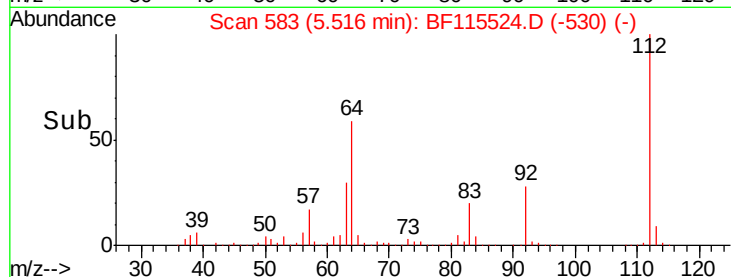
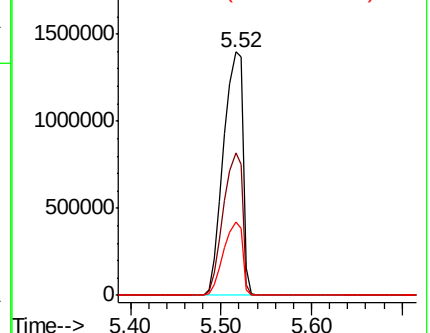
63 30.1 23.4 35.2



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: 82.683 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

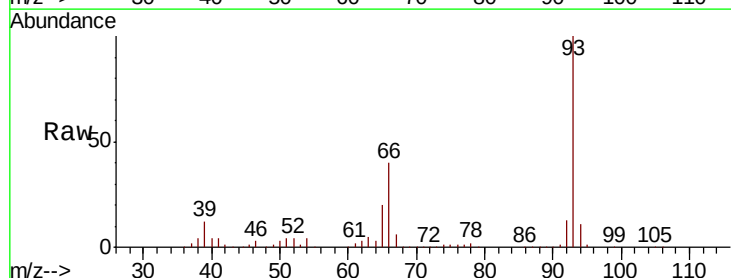
Tgt Ion: 93 Resp: 1845358

Ion Ratio Lower Upper

93 100

66 39.6 31.2 46.8

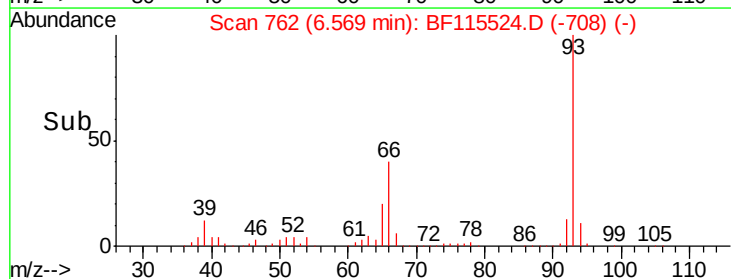
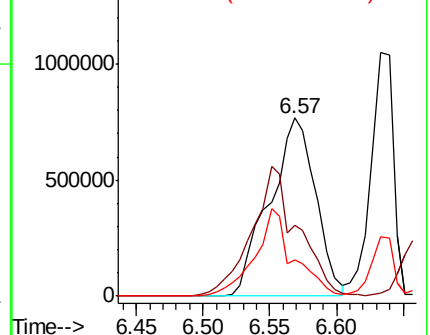
65 20.2 15.8 23.8

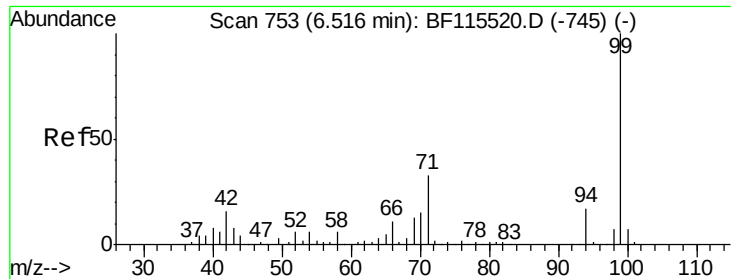


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 165.560 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

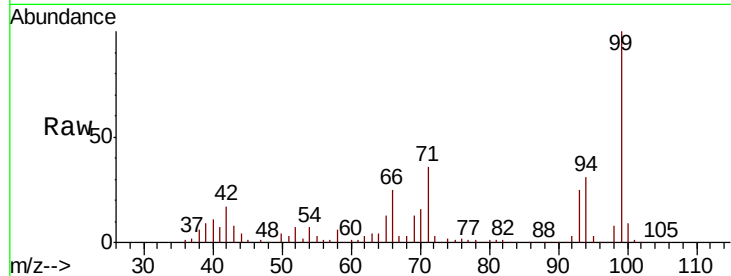
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2618438

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.6	18.8
71	35.6	26.6	39.8

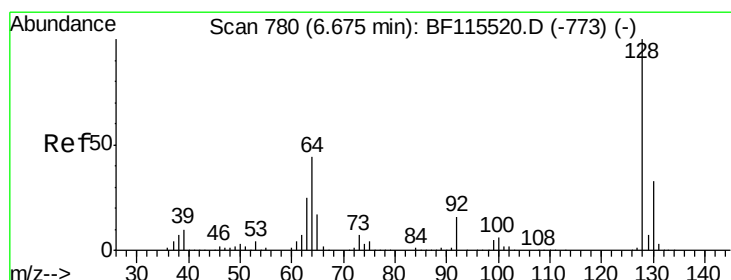
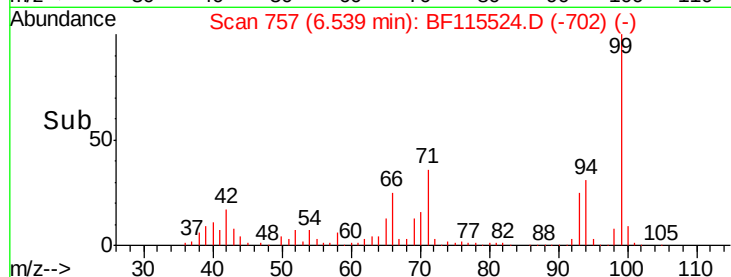
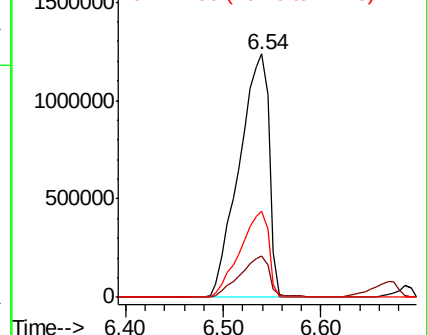


Abundance

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: 84.134 ng

RT: 6.69 min Scan# 782

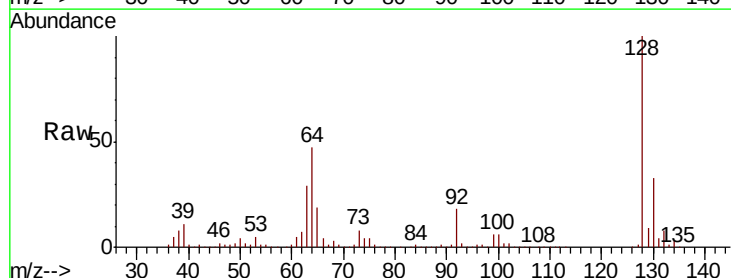
Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion: 128 Resp: 1181407

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	46.8	23.9	63.9

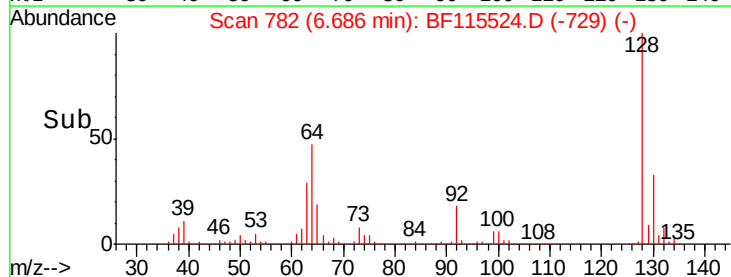
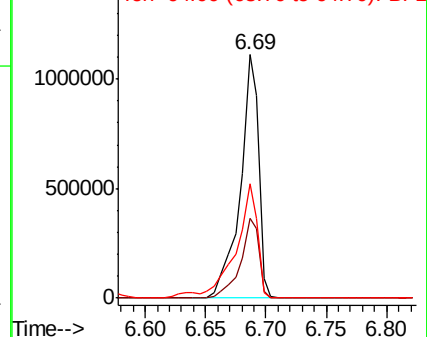


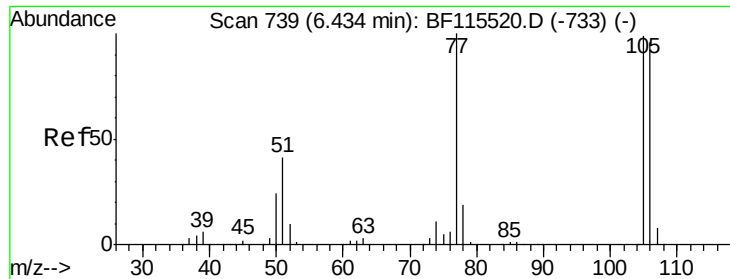
Abundance

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: 50.123 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

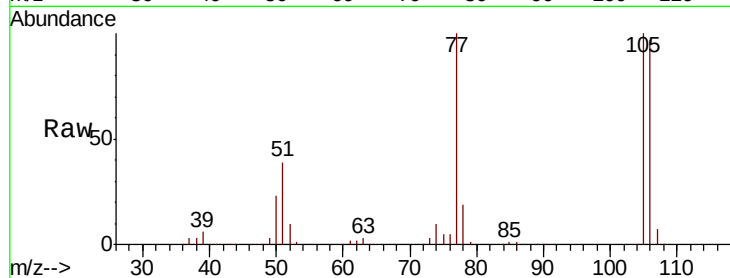
Tot Ion: 77 Resp: 504886

Ion Ratio Lower Upper

77 100

105 100.4 78.8 118.8

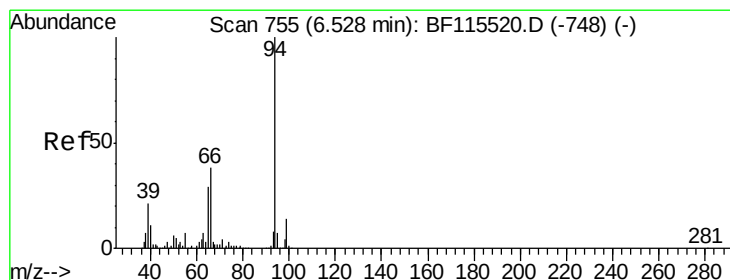
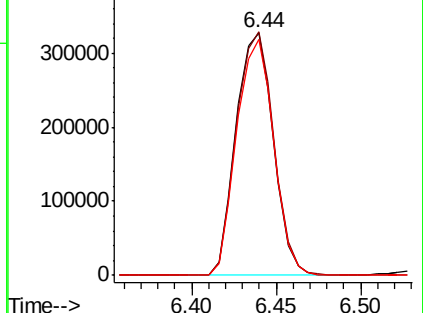
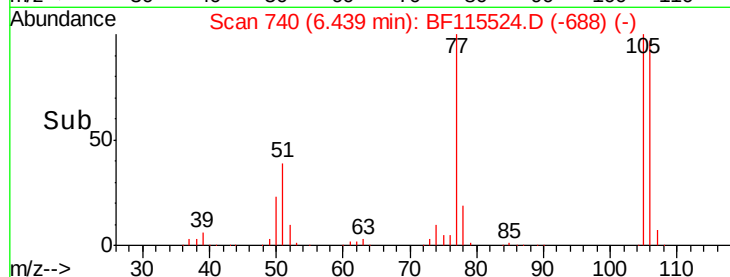
106 97.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 82.140 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

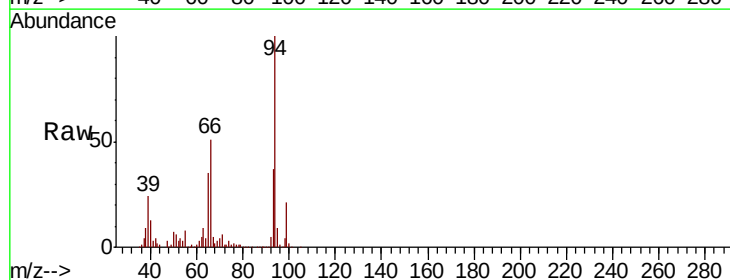
Tgt Ion: 94 Resp: 1554331

Ion Ratio Lower Upper

94 100

65 34.5 8.6 48.6

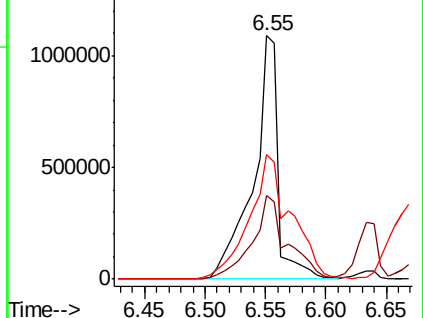
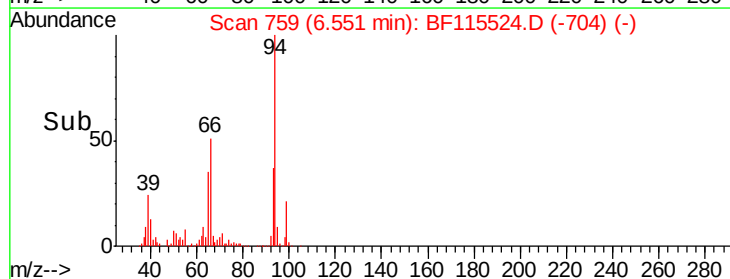
66 51.3 18.7 58.7

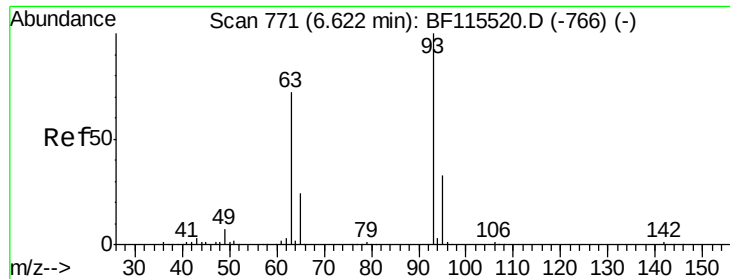


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

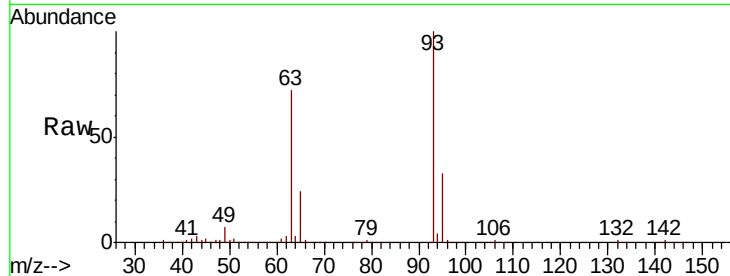




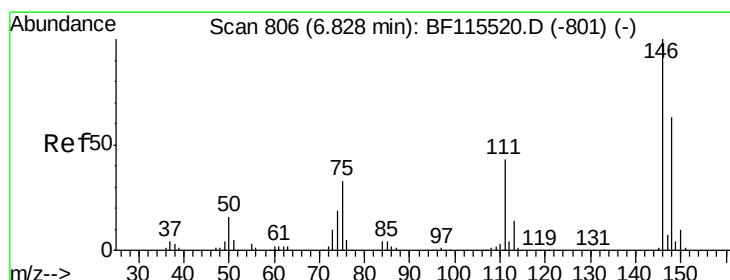
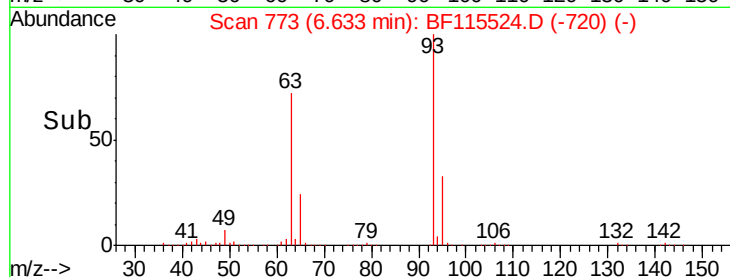
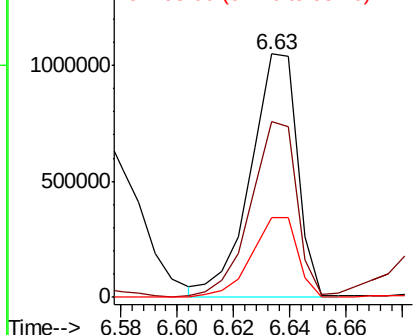
#11
bis(2-Chloroethyl)ether
Concen: 86.444 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1213503
Ion Ratio Lower Upper
93 100
63 72.2 52.0 92.0
95 32.9 13.1 53.1

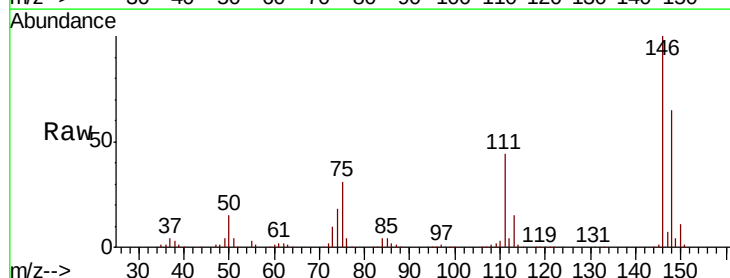


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

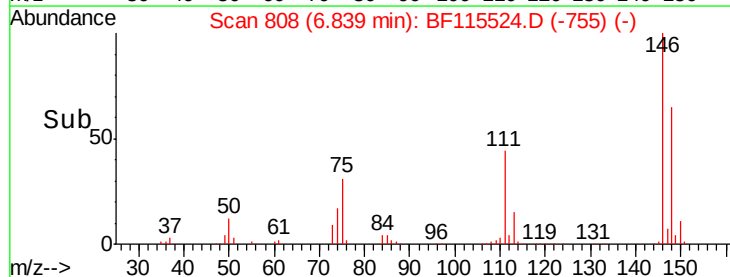
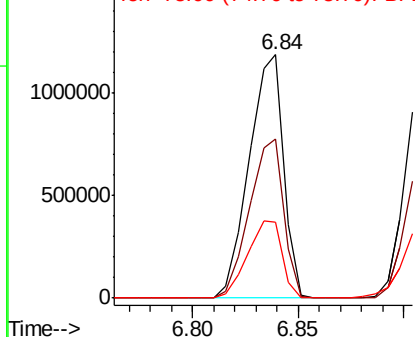


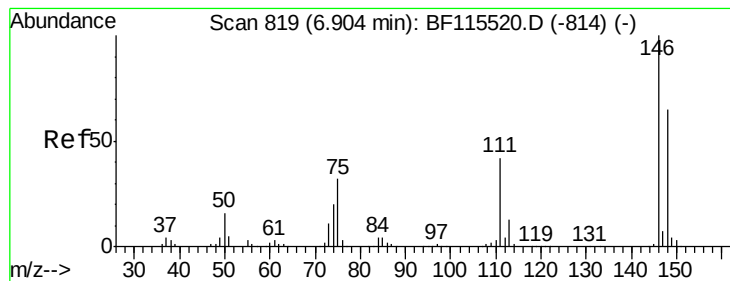
#12
1,3-Dichlorobenzene
Concen: 87.266 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion: 146 Resp: 1342503
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
75 31.1 26.1 39.1



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: 85.342 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

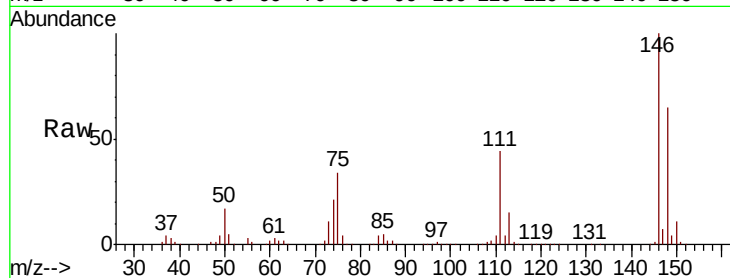
Tot Ion:146 Resp: 1315103

Ion Ratio Lower Upper

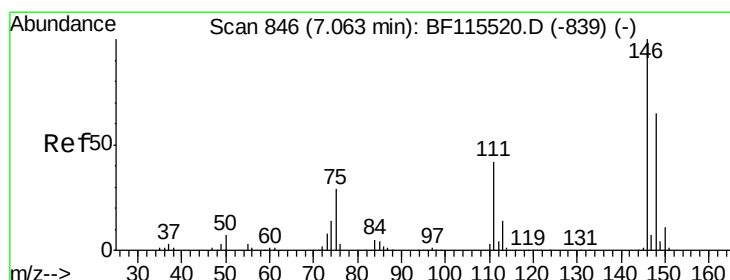
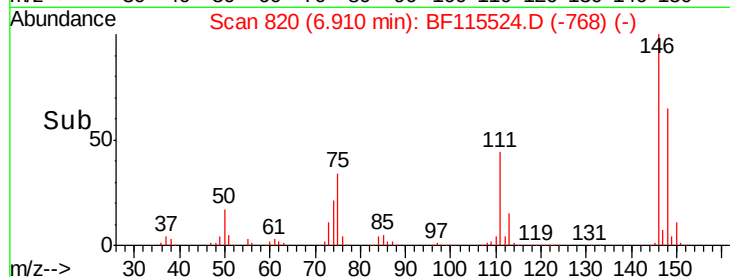
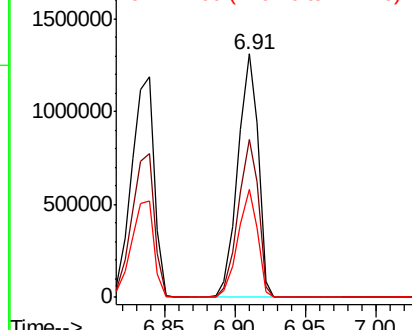
146 100

148 64.7 51.8 77.8

111 44.4 33.6 50.4



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: 79.608 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

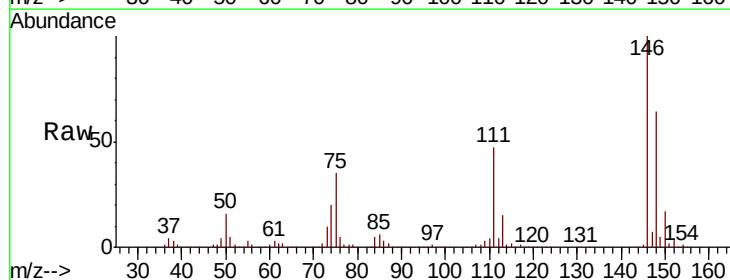
Tgt Ion:146 Resp: 1135764

Ion Ratio Lower Upper

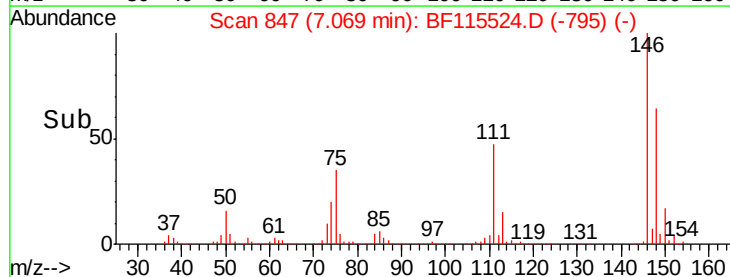
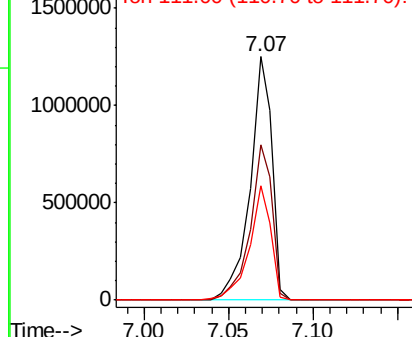
146 100

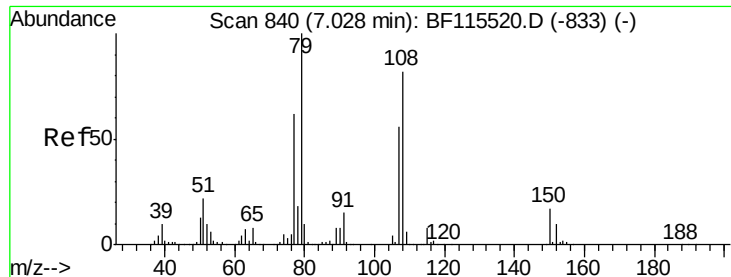
148 63.9 52.1 78.1

111 47.0 33.8 50.8



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





#15

Benzyl Alcohol

Concen: 79.282 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

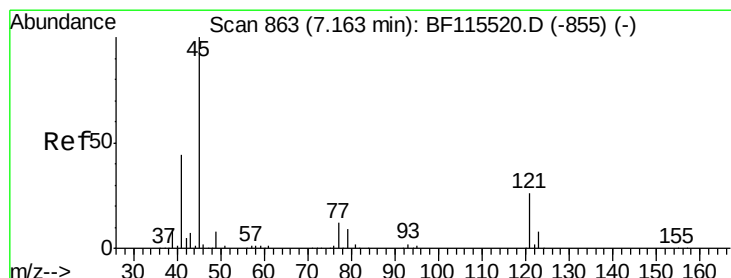
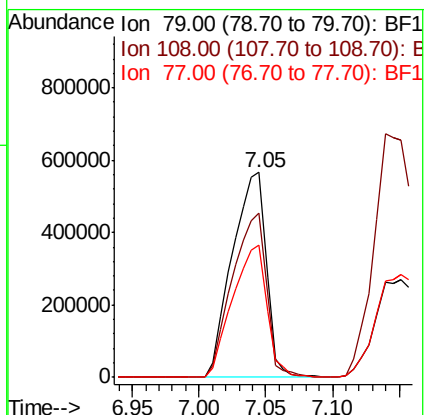
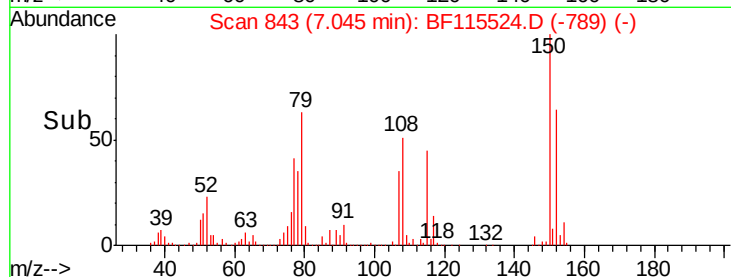
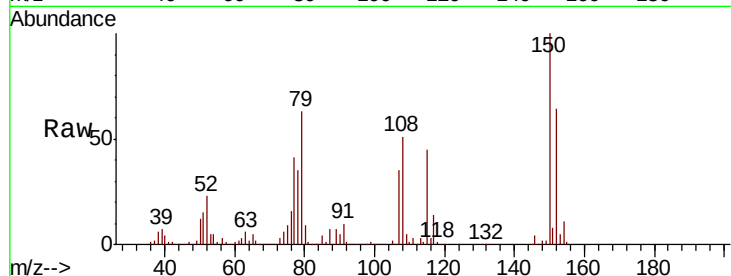
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 1006187

Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.3	97.9
77	64.8	50.0	75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 78.041 ng

RT: 7.17 min Scan# 865

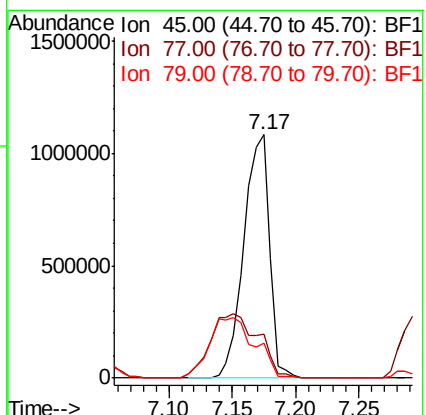
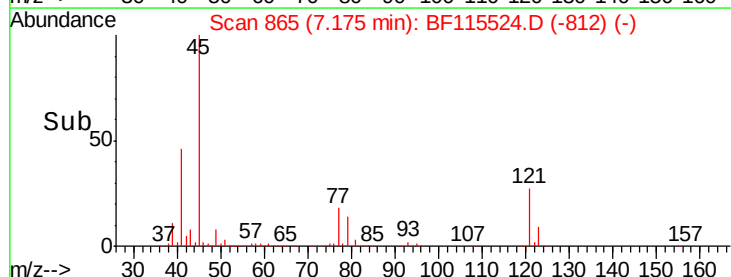
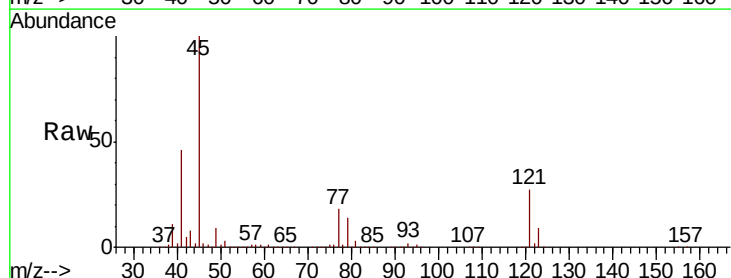
Delta R.T. 0.01 min

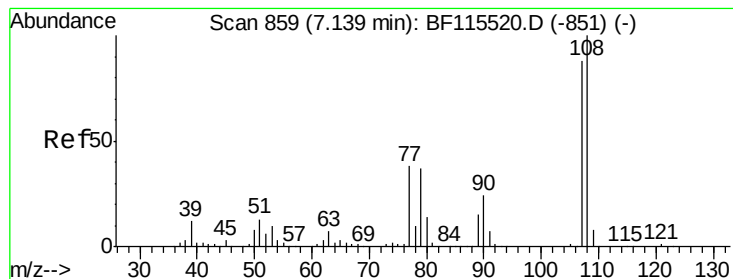
Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion: 45 Resp: 1531830

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	36.7
79	14.1	0.0	32.8

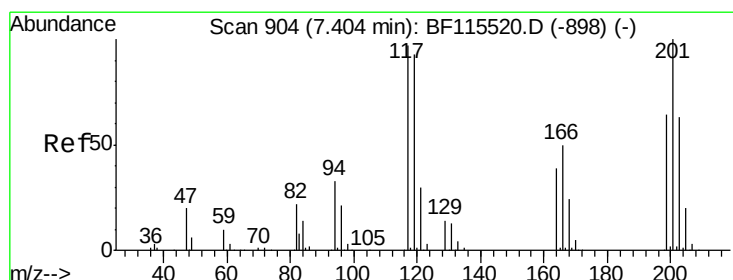
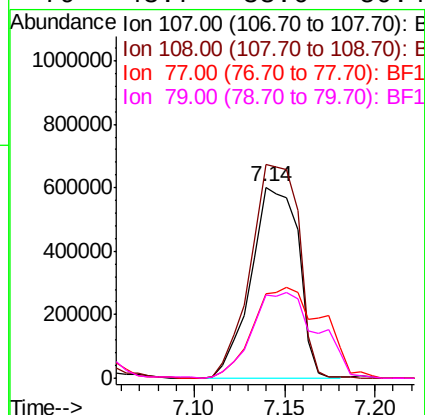
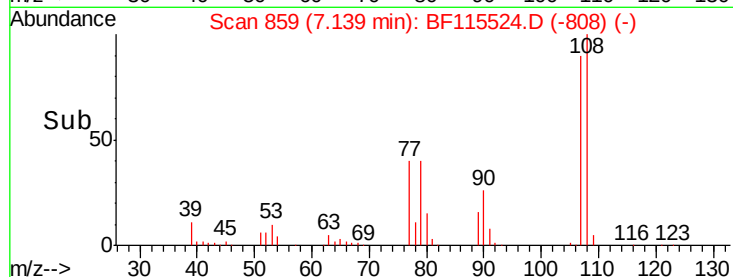
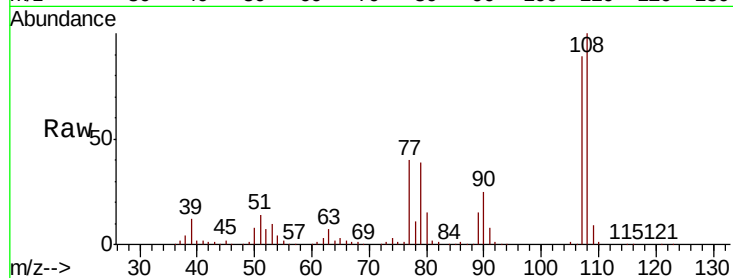




#17
2-Methylphenol
Concen: 90.688 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

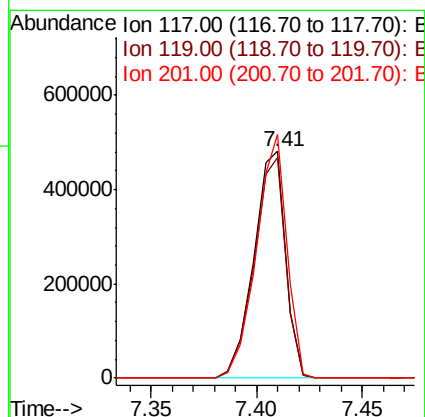
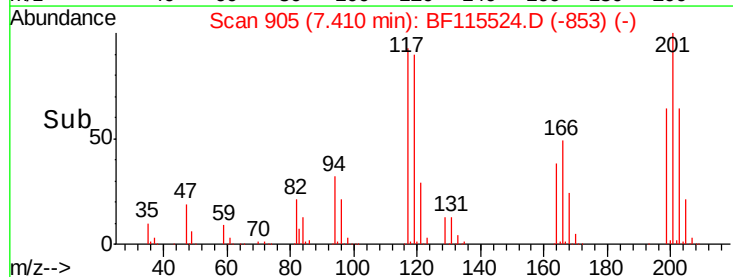
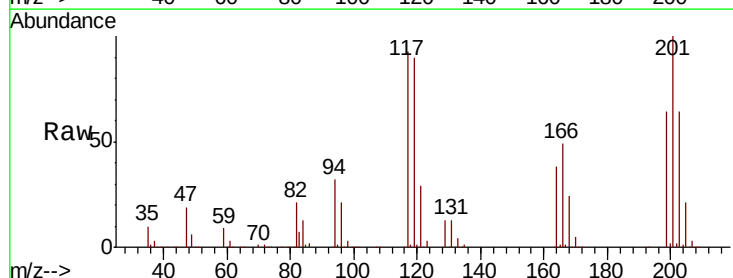
Instrument :
BNA_F
ClientSampleId :

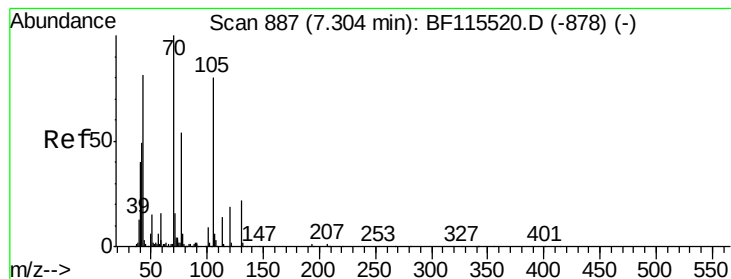
Tot Ion:107 Resp: 1090954
Ion Ratio Lower Upper
107 100
108 111.8 90.5 135.7
77 44.6 34.9 52.3
79 43.7 33.6 50.4



#18
Hexachloroethane
Concen: 87.528 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:117 Resp: 502457
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 107.5 82.2 123.4





#19

n-Nitroso-di-n-propylamine

Concen: 83.778 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 896424

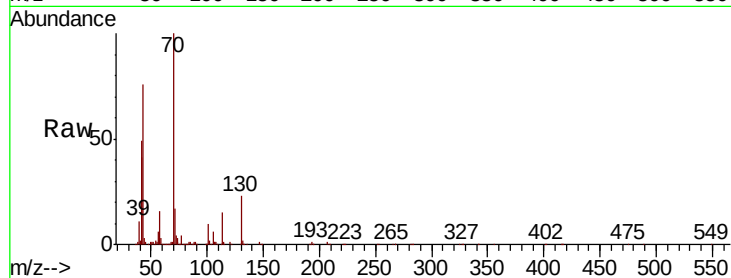
Ion Ratio Lower Upper

70 100

42 49.5 39.4 59.0

101 10.1 7.4 11.2

130 22.7 17.4 26.2

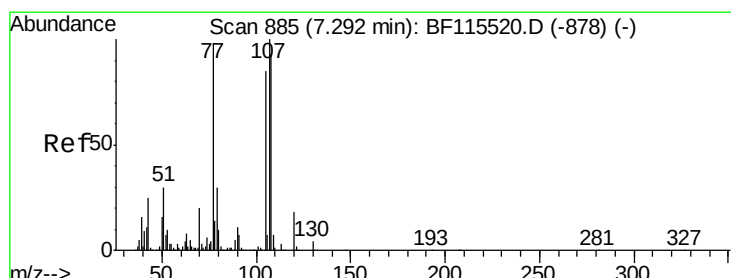
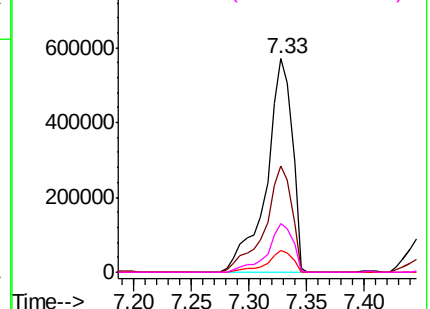
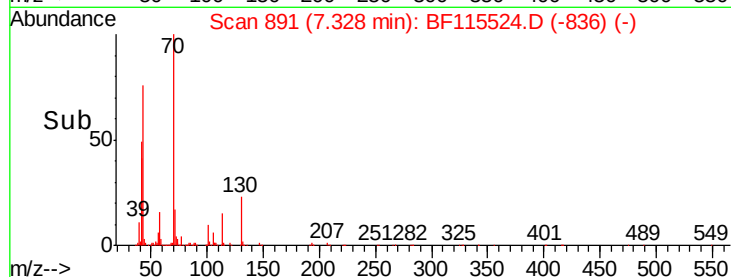


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 76.314 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion:107 Resp: 1084423

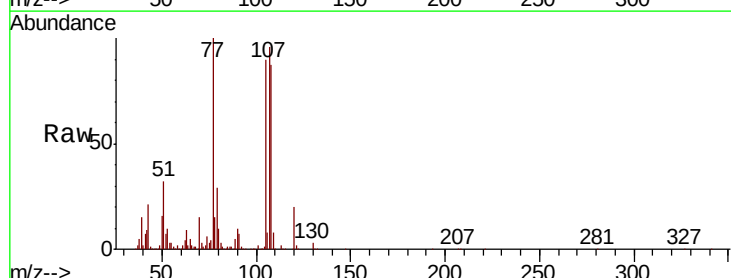
Ion Ratio Lower Upper

107 100

108 90.7 72.9 112.9

77 104.5 77.6 117.6

79 30.0 10.5 50.5

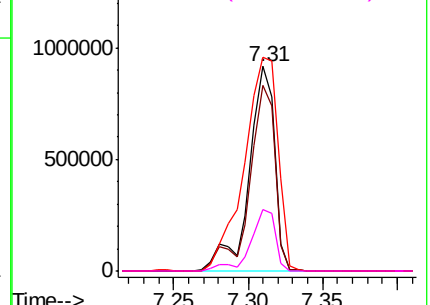
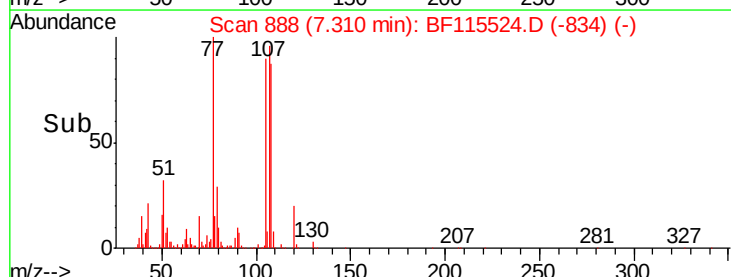


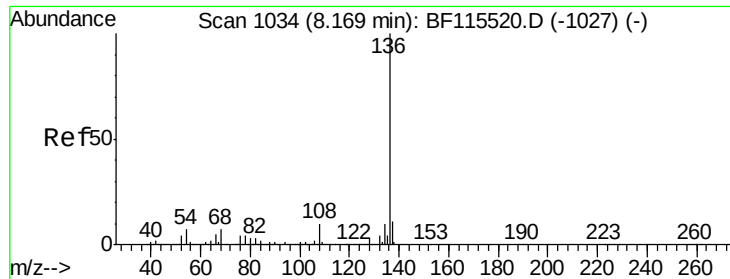
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

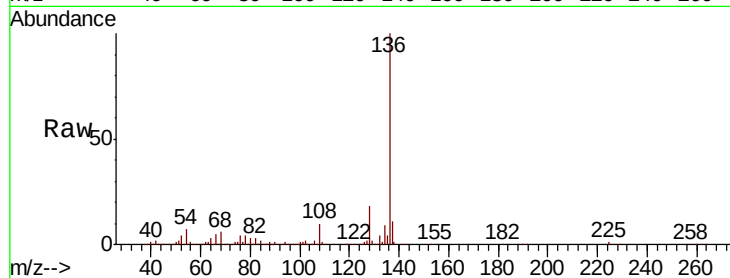




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 789519
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 7.0	5.9 8.9
68 6.3	5.4 8.0



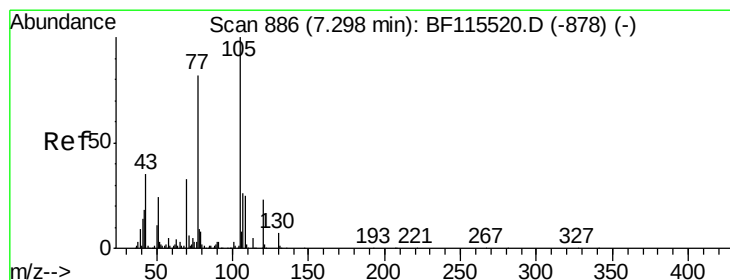
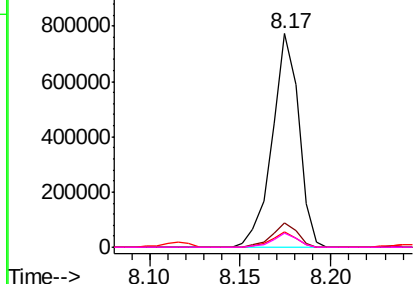
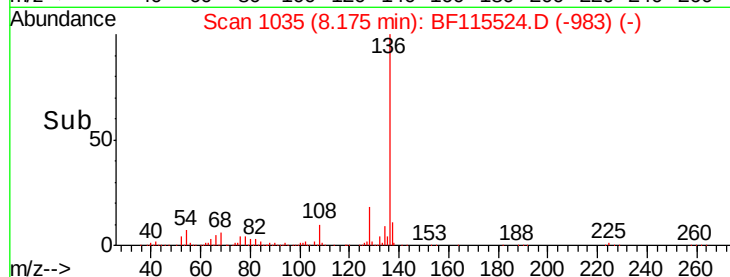
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

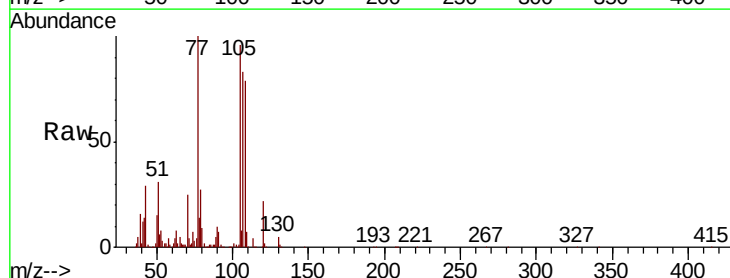
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 80.962 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt	Ion:105	Resp:	1531667
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.5	6.7#
51	32.0	19.5	29.3#
120	22.4	18.1	27.1



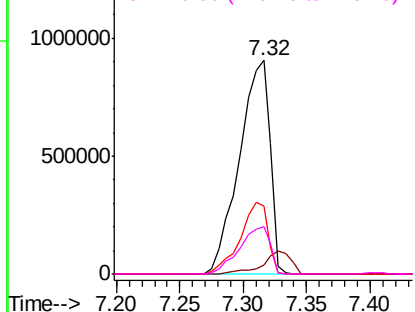
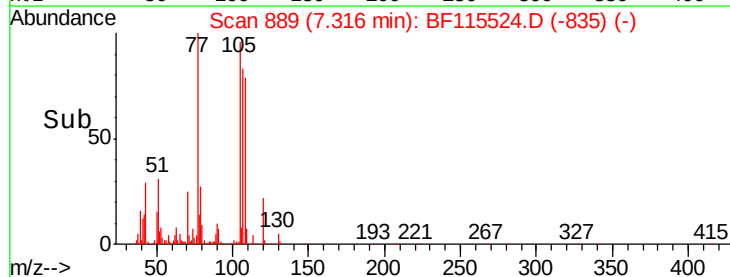
Abundance

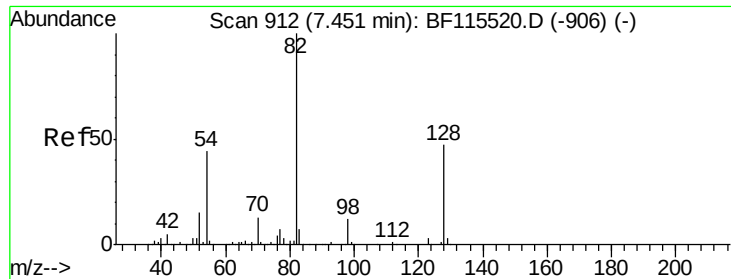
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 186.131 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

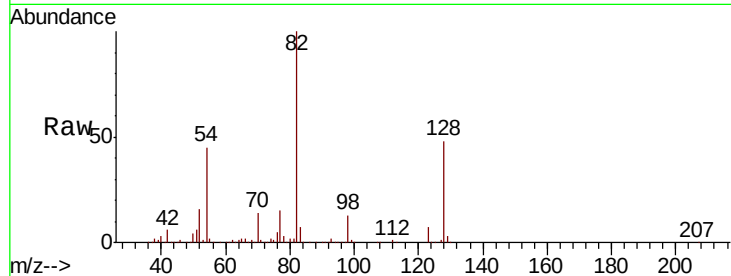
Tot Ion: 82 Resp: 2487233

Ion Ratio Lower Upper

82 100

128 48.2 37.8 56.8

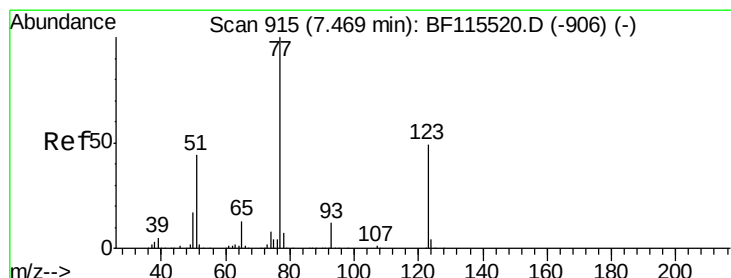
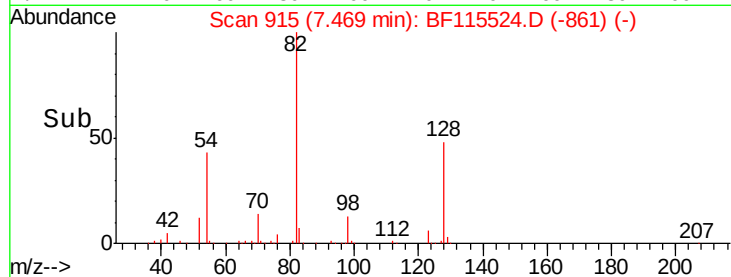
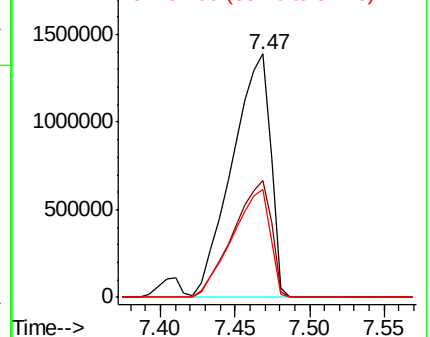
54 44.5 35.0 52.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 85.980 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

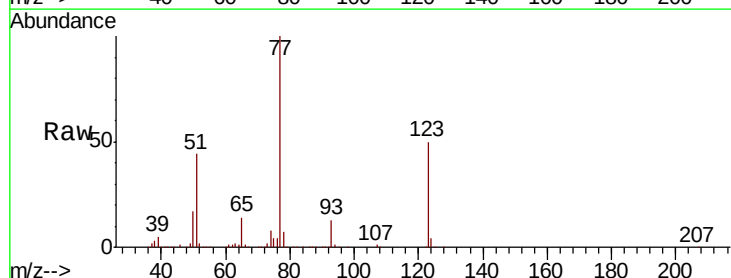
Tgt Ion: 77 Resp: 1297557

Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

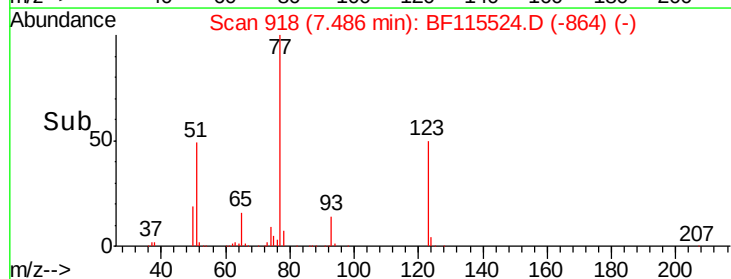
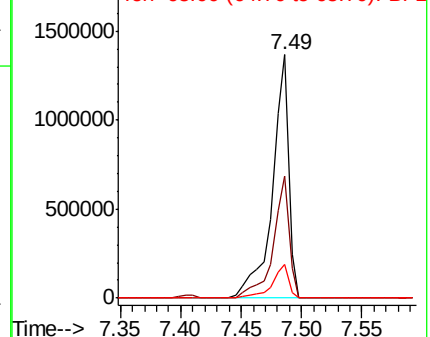
65 13.7 10.4 15.6

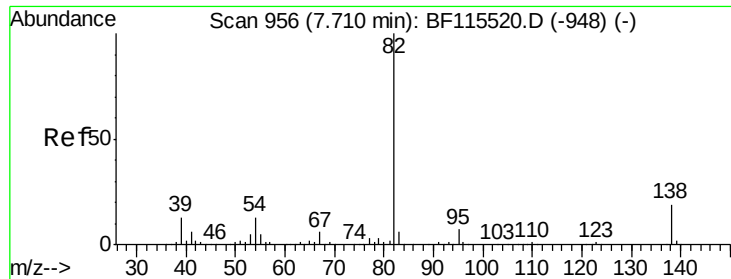


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 89.717 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

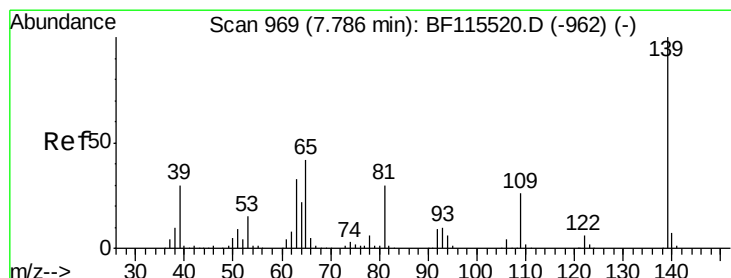
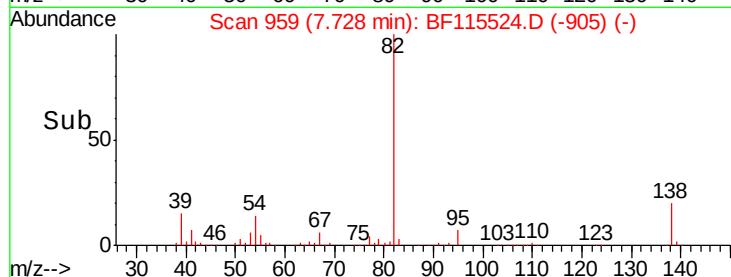
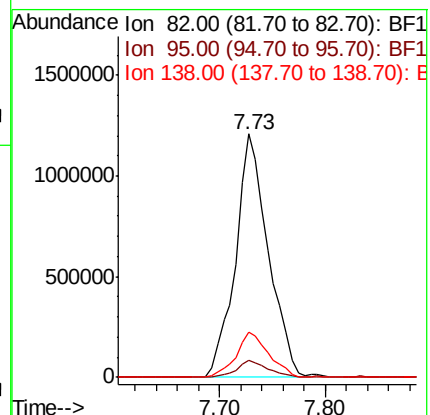
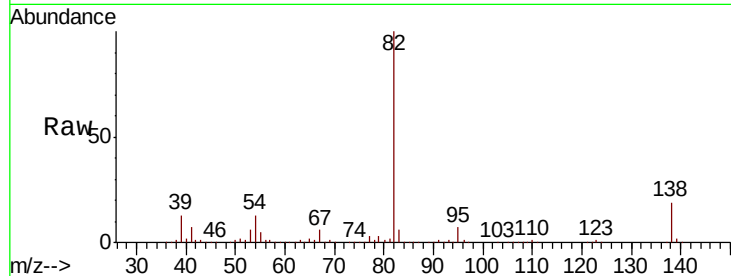
Tot Ion: 82 Resp: 2598581

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.6 15.0 22.4



#26

2-Nitrophenol

Concen: 116.795 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

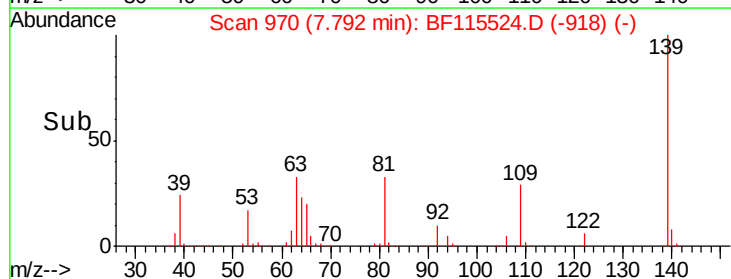
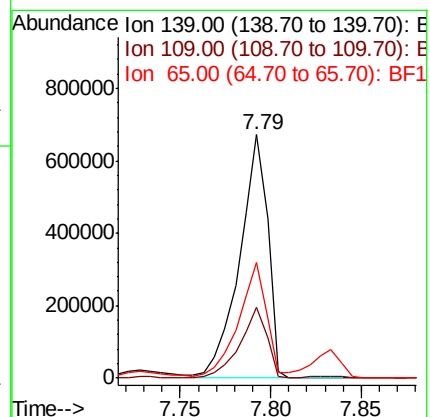
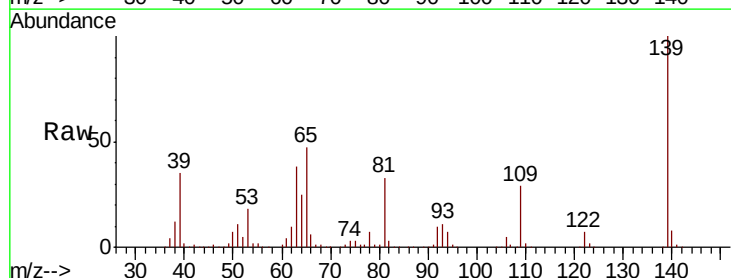
Tgt Ion: 139 Resp: 724643

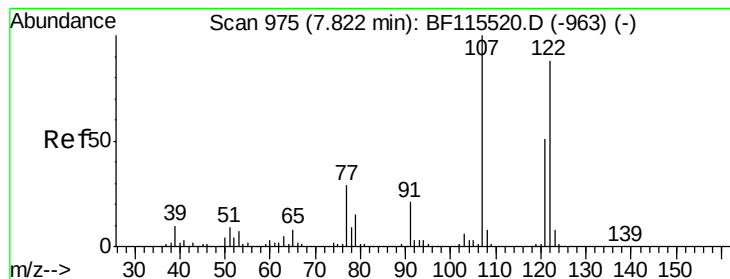
Ion Ratio Lower Upper

139 100

109 29.1 21.0 31.4

65 47.4 33.3 49.9





#27

2,4-Dimethylphenol

Concen: 88.573 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

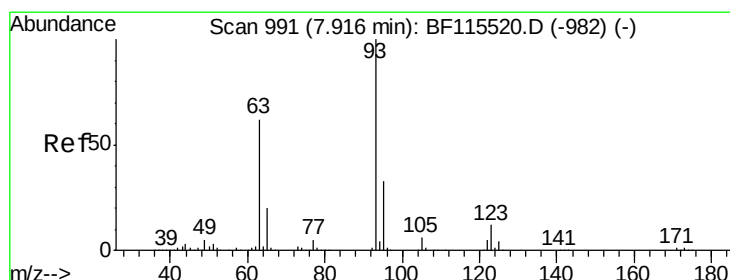
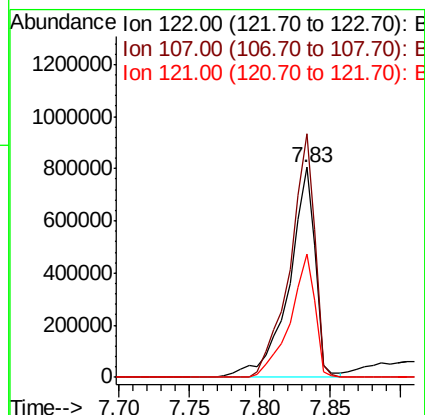
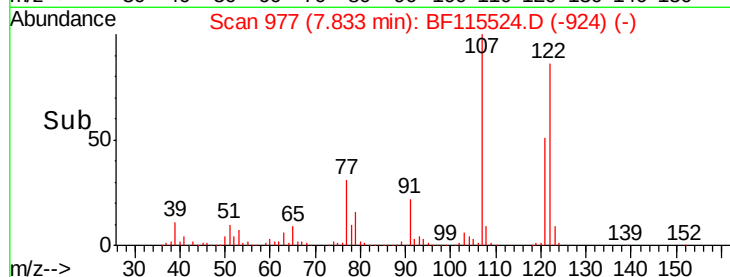
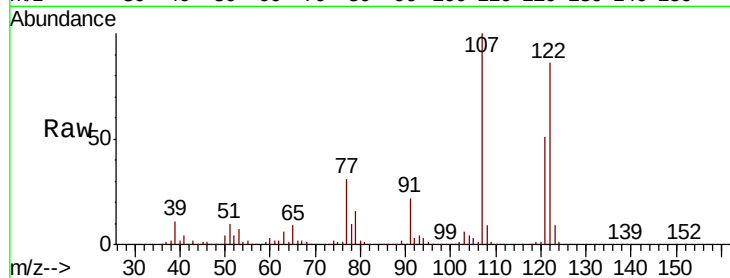
Tot Ion:122 Resp: 1047888

Ion Ratio Lower Upper

122 100

107 116.1 90.9 136.3

121 58.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 82.831 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

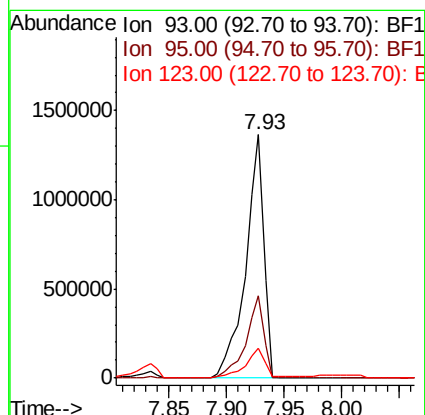
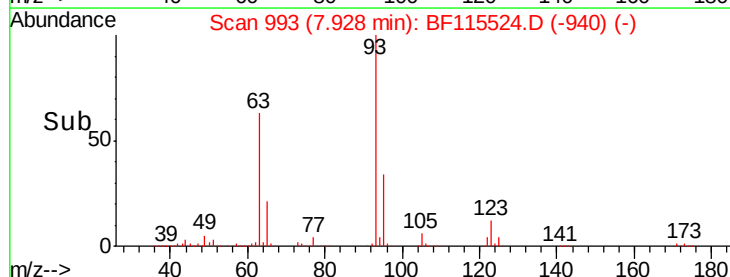
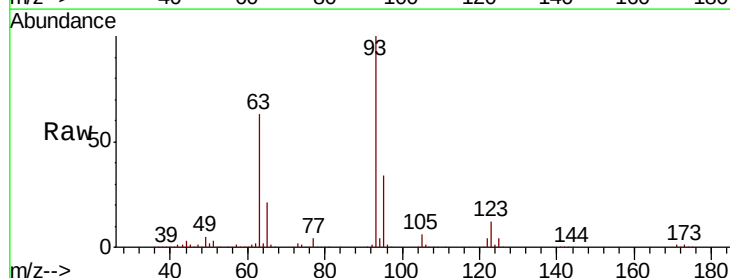
Tgt Ion: 93 Resp: 1479410

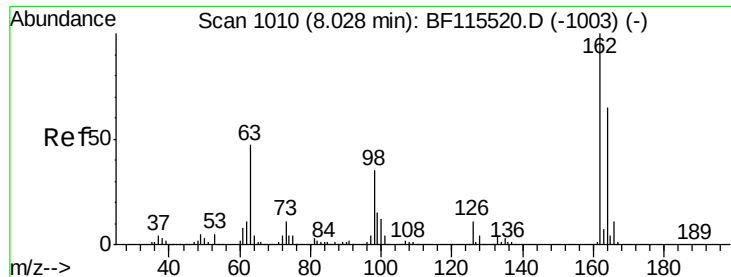
Ion Ratio Lower Upper

93 100

95 33.7 26.4 39.6

123 12.4 9.7 14.5

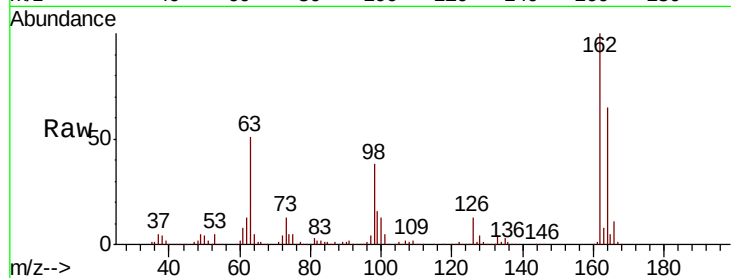




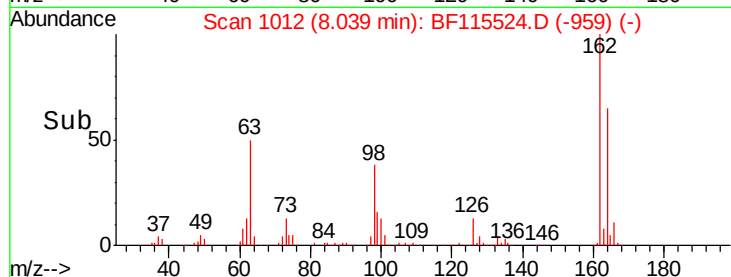
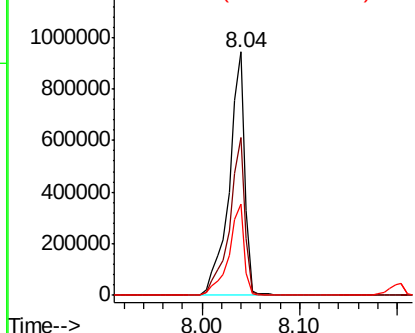
#29
 2,4-Dichlorophenol
 Concen: 88.578 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1043763
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.4 85.4
 98 37.7 14.5 54.5

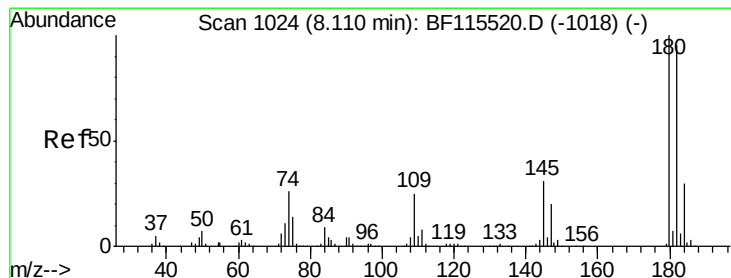


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

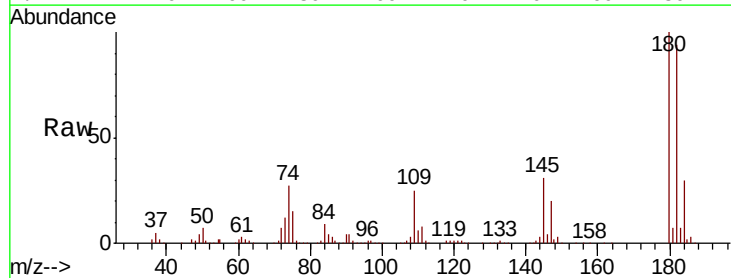
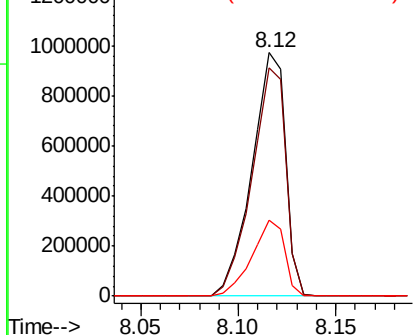


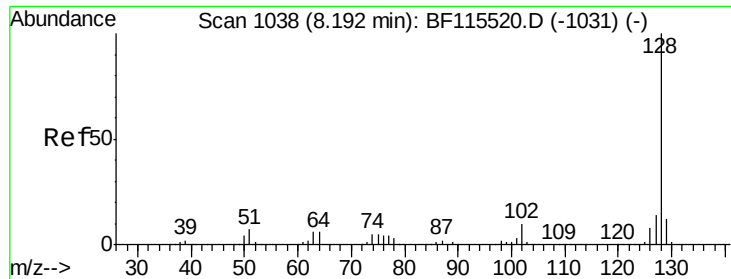
#30
 1,2,4-Trichlorobenzene
 Concen: 88.324 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:180 Resp: 1158650
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.8 113.8
 145 31.4 24.7 37.1



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

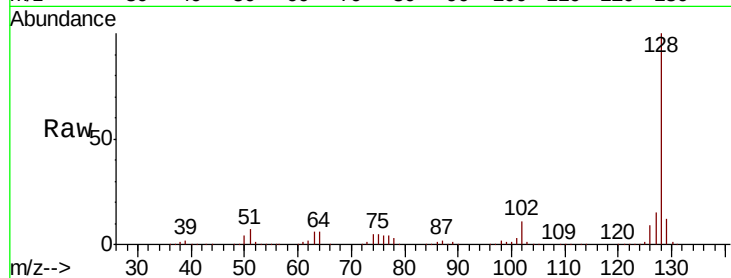




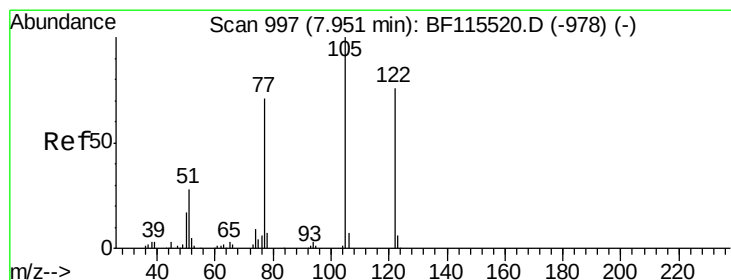
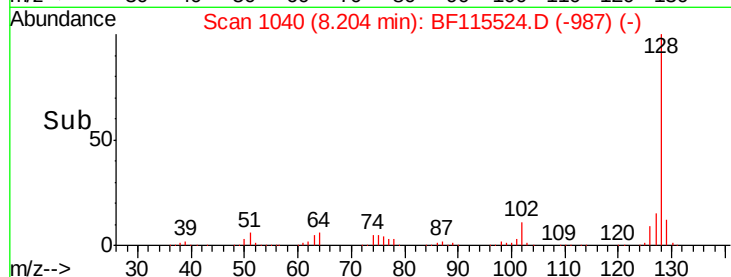
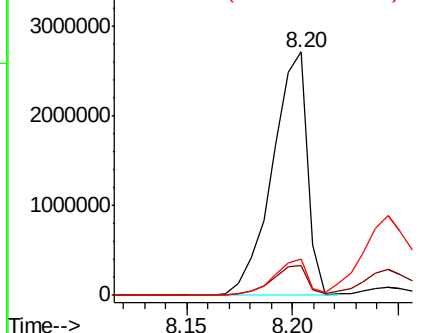
#31
Naphthalene
Concen: 79.711 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3125887
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.2
127 15.1 11.2 16.8

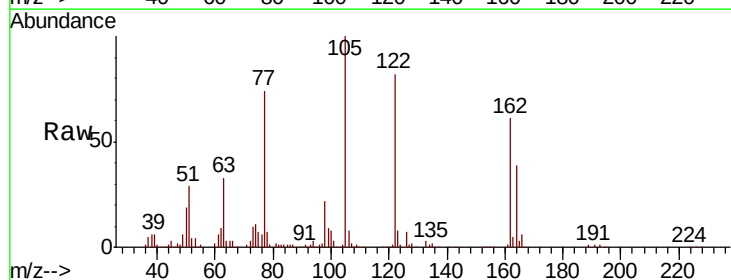


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

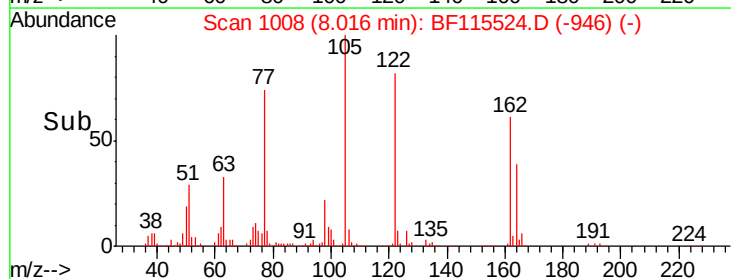
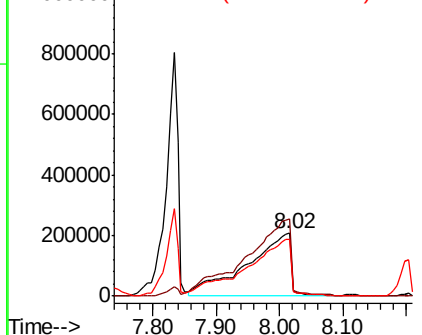


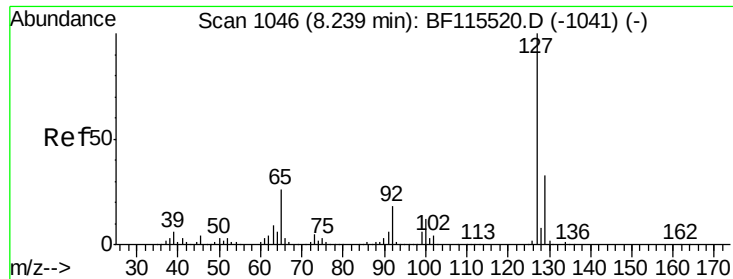
#32
Benzoic acid
Concen: 122.119 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.06 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:122 Resp: 987205
Ion Ratio Lower Upper
122 100
105 122.5 106.8 146.8
77 90.2 71.7 111.7



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

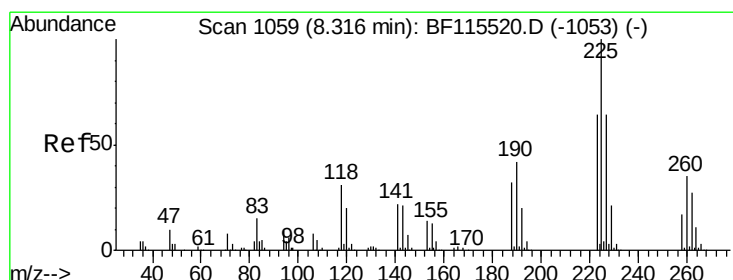
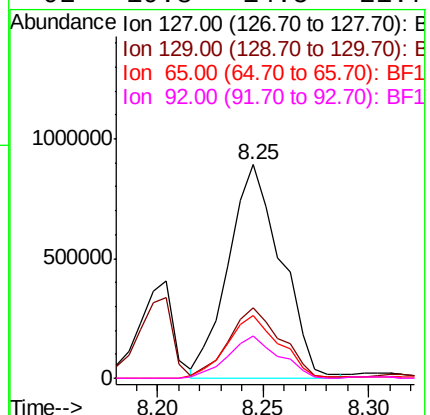
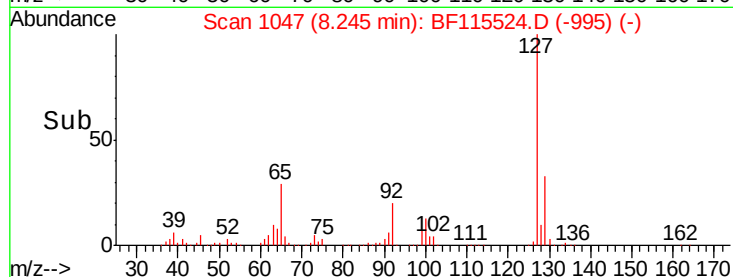
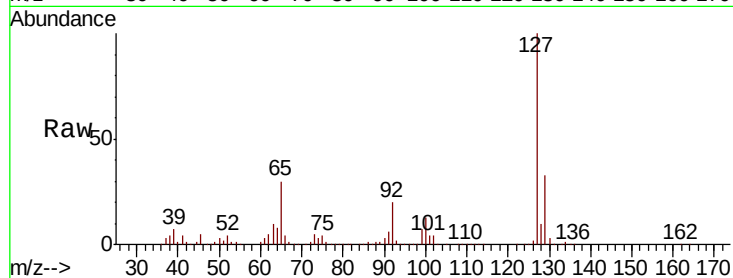




#33
4-Chloroaniline
Concen: 88.216 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

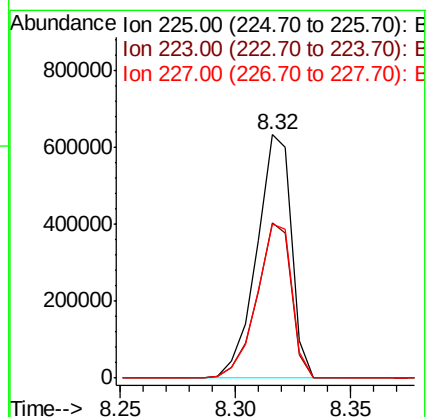
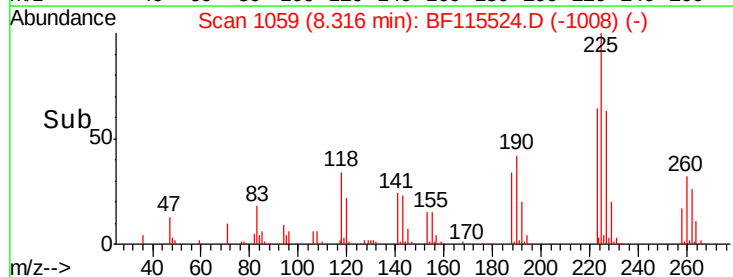
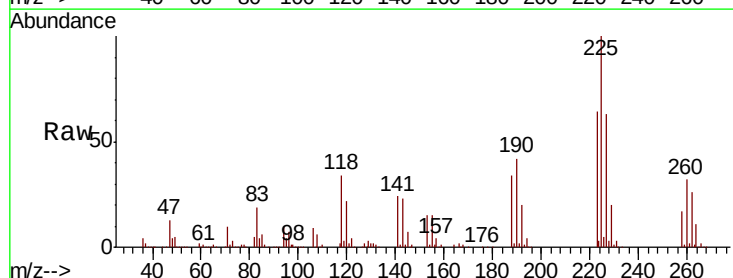
Instrument :
BNA_F
ClientSampled :

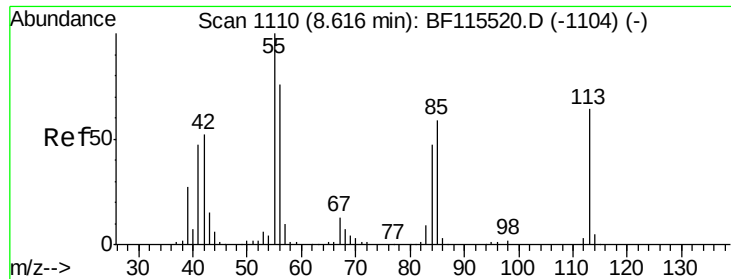
Tot Ion:	127	Resp:	1543516
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	29.6	21.2	31.8
92	19.8	14.5	21.7



#34
Hexachlorobutadiene
Concen: 89.236 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:	225	Resp:	663868
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.4	51.3	76.9

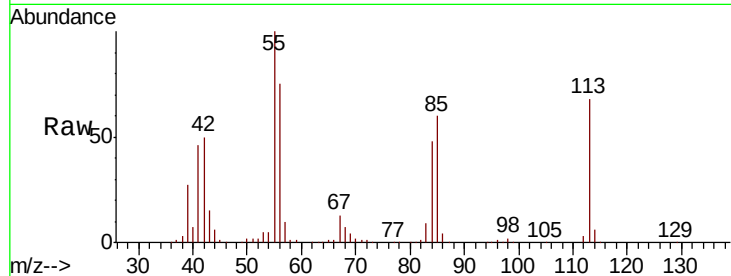




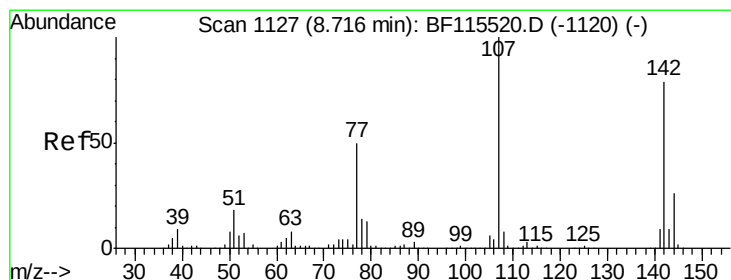
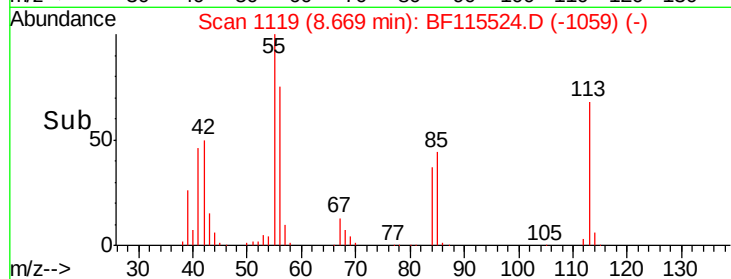
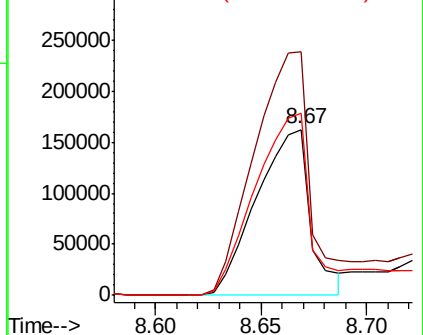
#35
Caprolactam
Concen: 74.928 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.05 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 287564
Ion Ratio Lower Upper
113 100
55 146.9 136.8 176.8
56 110.3 98.7 138.7

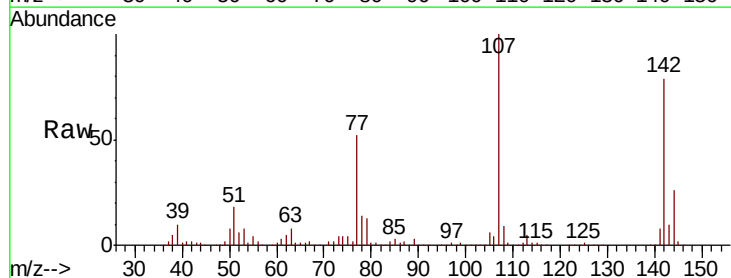


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

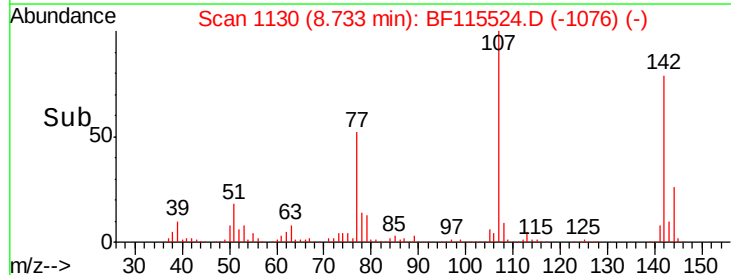
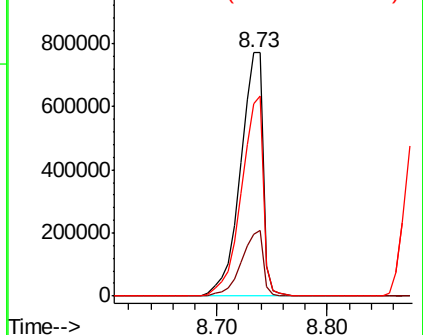


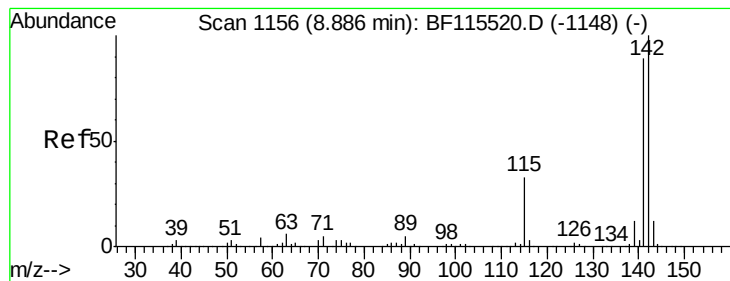
#36
4-Chloro-3-methylphenol
Concen: 89.187 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:107 Resp: 1111629
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 78.9 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 80.296 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampled :

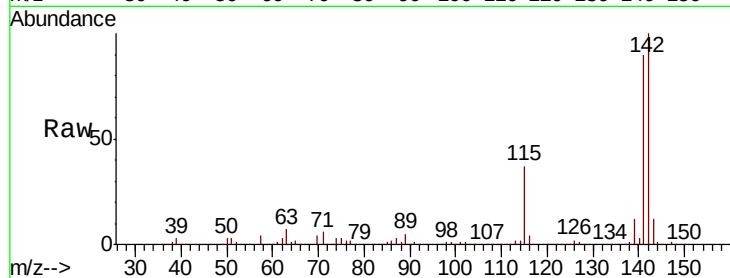
Tot Ion:142 Resp: 2104696

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.4

115 37.4 26.6 39.8

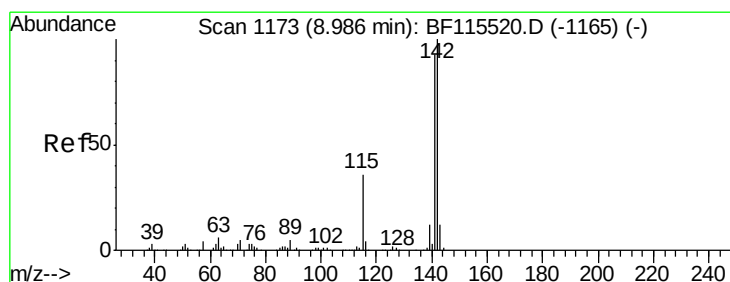
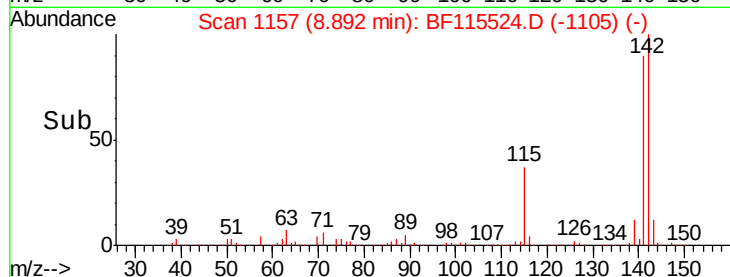
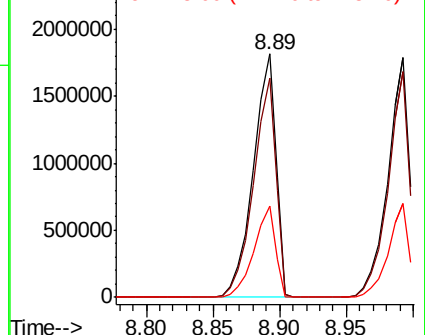


Abundance

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: 78.718 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

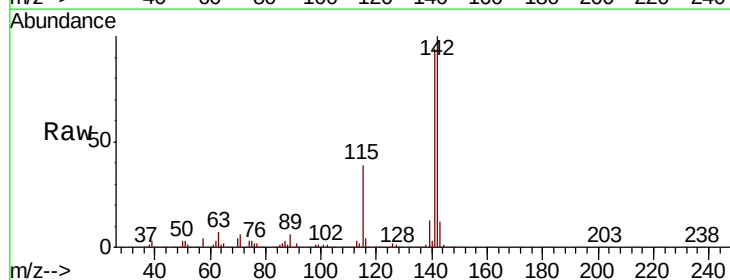
Tgt Ion:142 Resp: 1968694

Ion Ratio Lower Upper

142 100

141 94.1 74.6 112.0

116 4.1 2.9 4.3

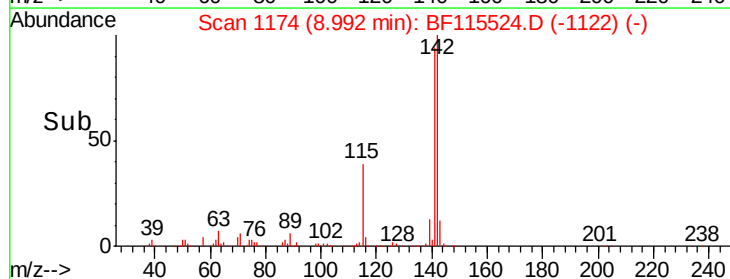
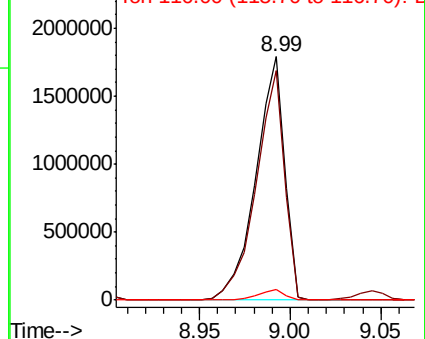


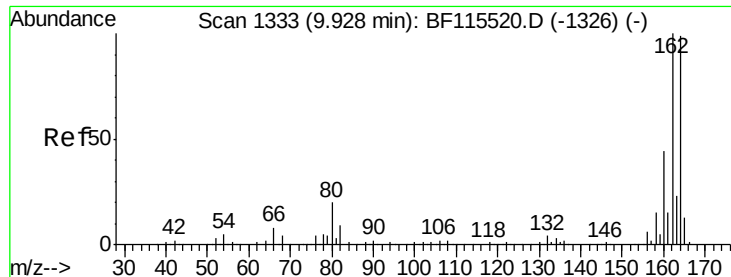
Abundance

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: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampled :

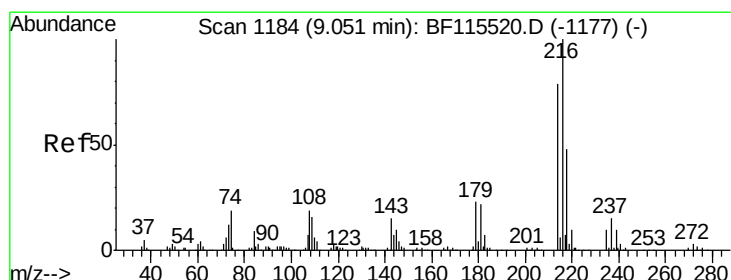
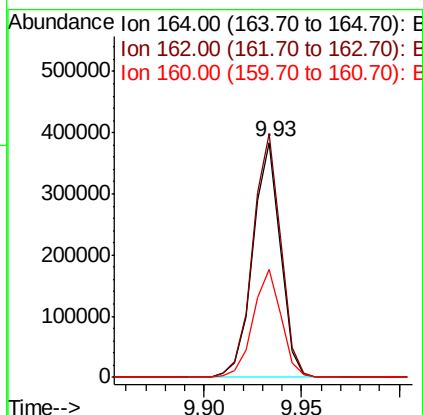
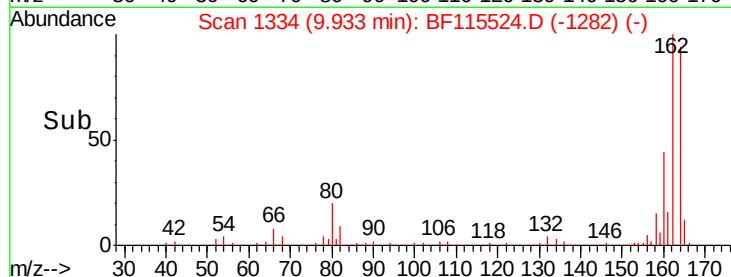
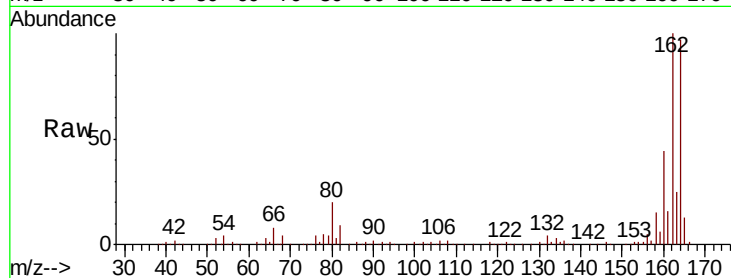
Tot Ion:164 Resp: 374868

Ion Ratio Lower Upper

164 100

162 103.6 80.7 121.1

160 46.0 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 88.665 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion:216 Resp: 956202

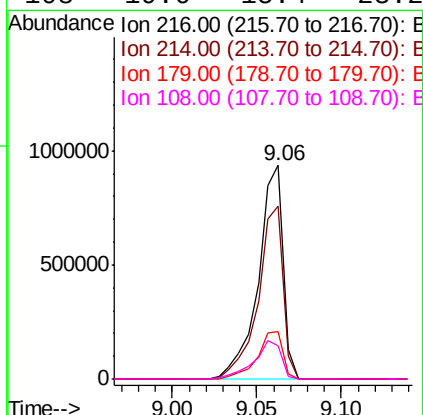
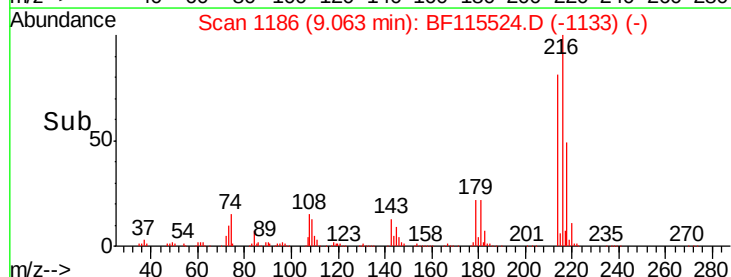
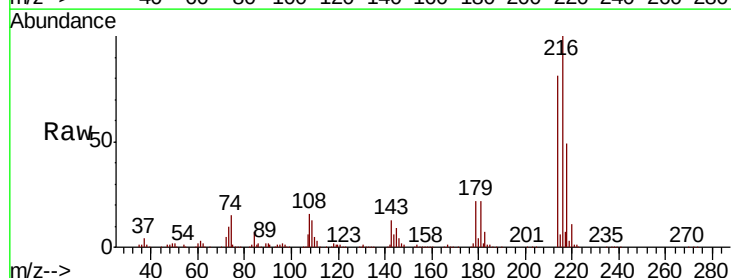
Ion Ratio Lower Upper

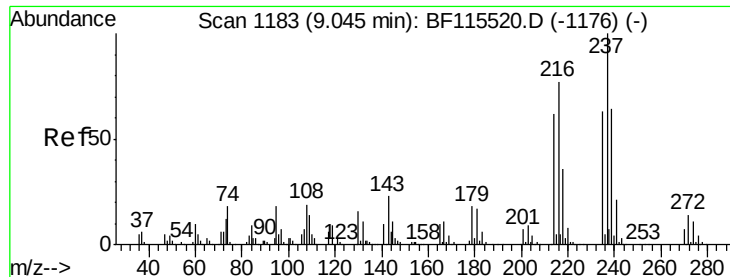
216 100

214 81.4 63.0 94.6

179 22.9 17.5 26.3

108 19.6 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 97.108 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

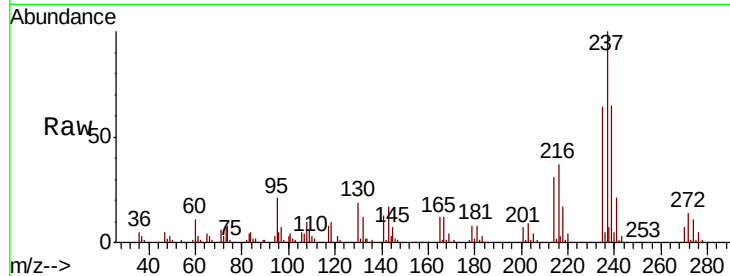
Tot Ion:237 Resp: 606980

Ion Ratio Lower Upper

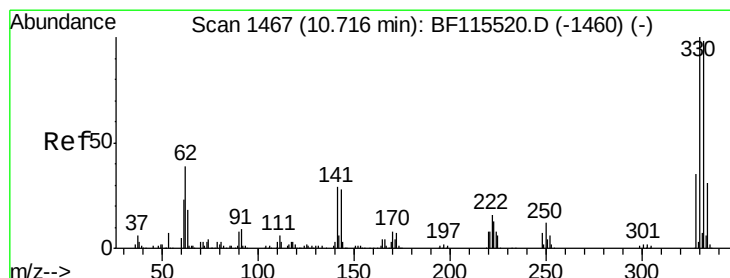
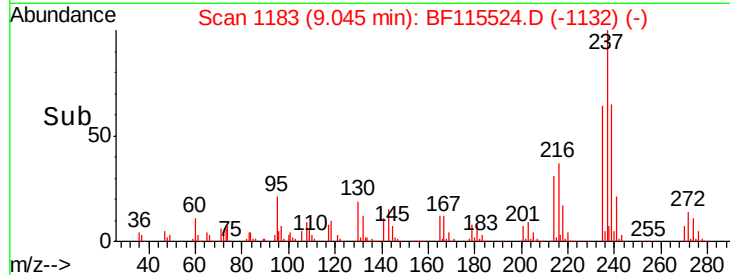
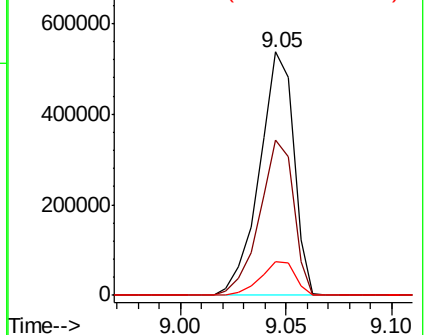
237 100

235 63.6 42.9 82.9

272 13.9 0.0 33.8



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: 183.868 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

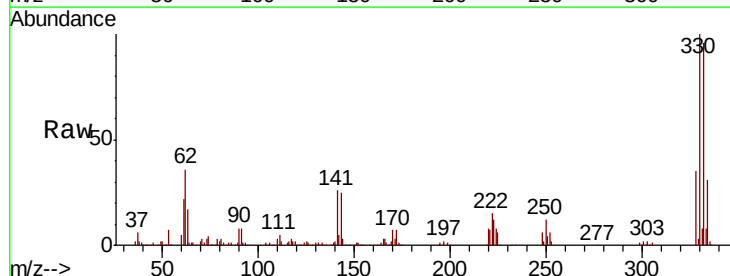
Tgt Ion:330 Resp: 762095

Ion Ratio Lower Upper

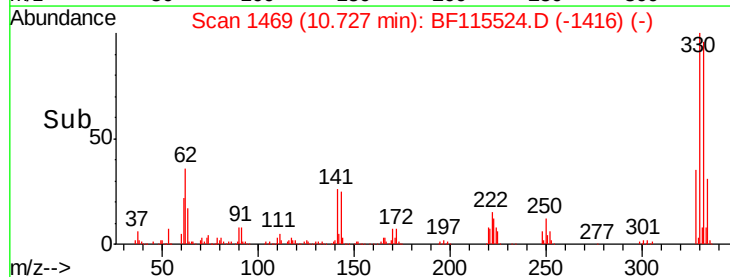
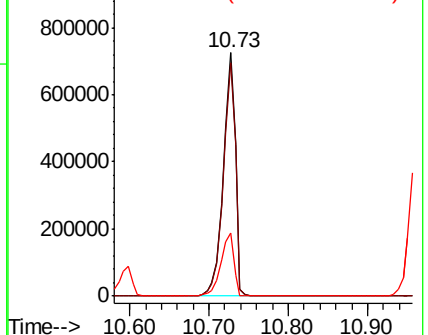
330 100

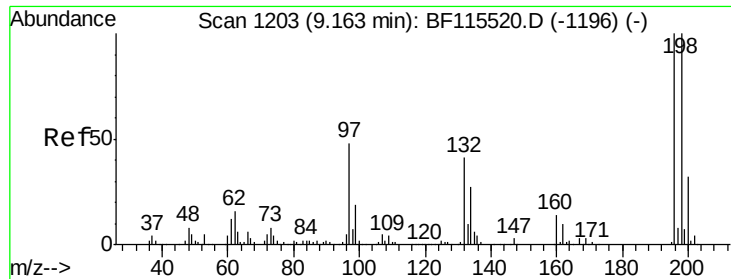
332 96.8 77.8 116.8

141 28.0 24.6 37.0



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

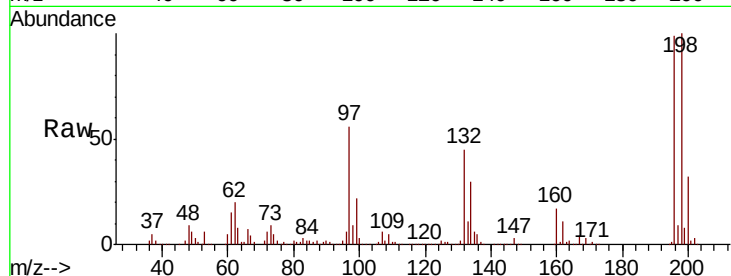




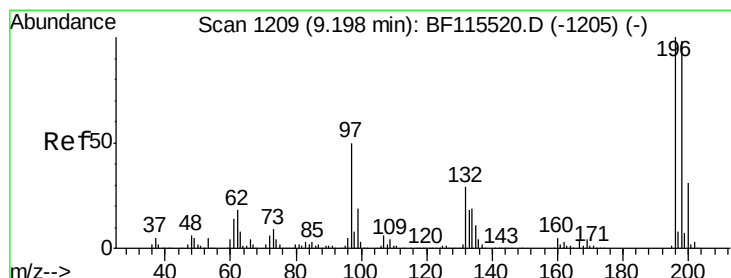
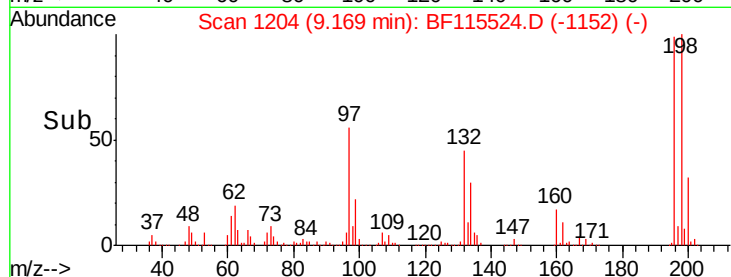
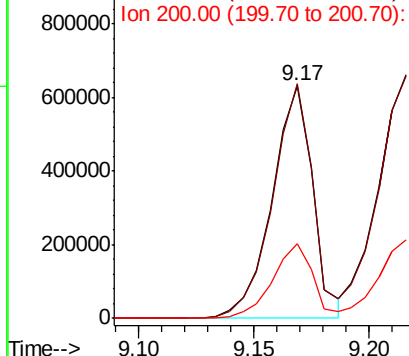
#43
 2,4,6-Trichlorophenol
 Concen: 98.414 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 772684
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.3 120.5
 200 32.2 26.0 39.0

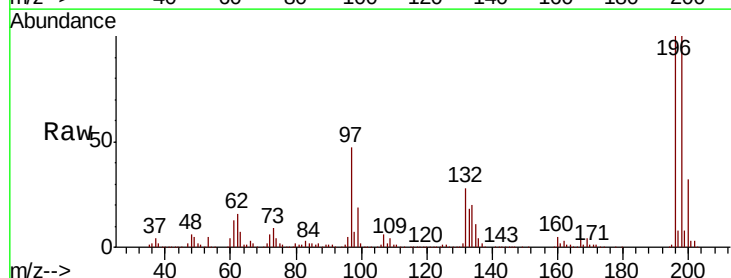


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

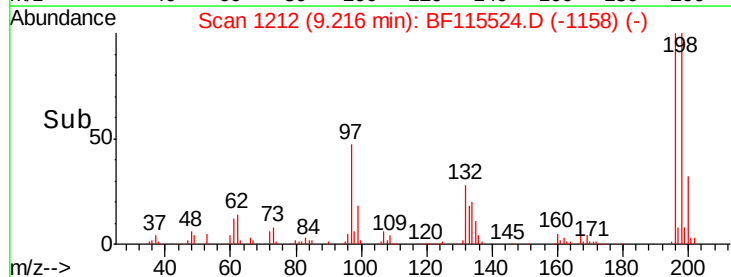
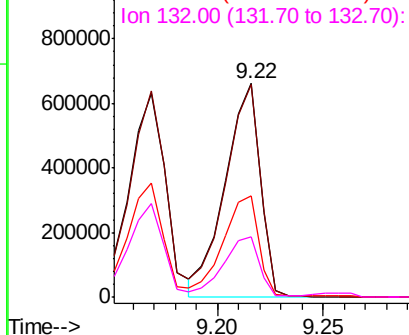


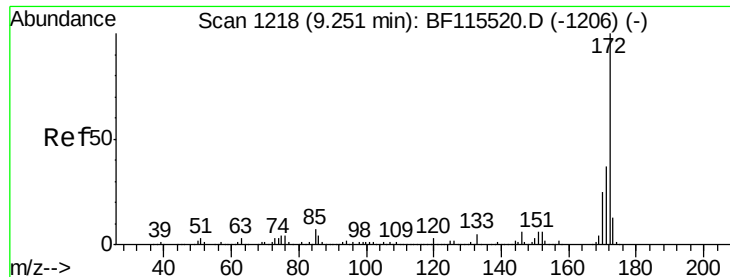
#44
 2,4,5-Trichlorophenol
 Concen: 93.322 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.02 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:196 Resp: 759759
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.8 118.2
 97 47.2 39.8 59.6
 132 28.5 23.0 34.6



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

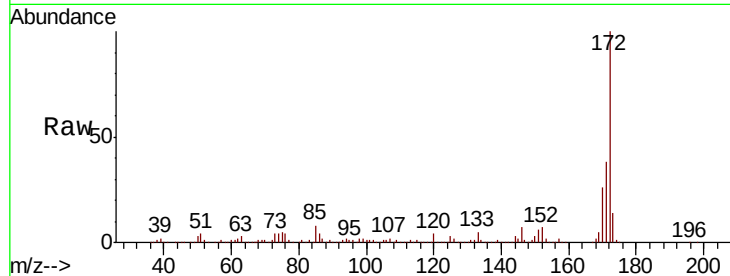




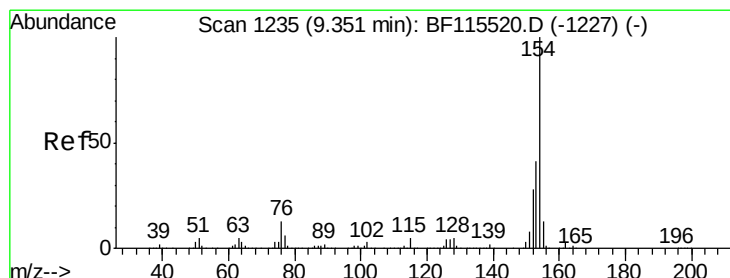
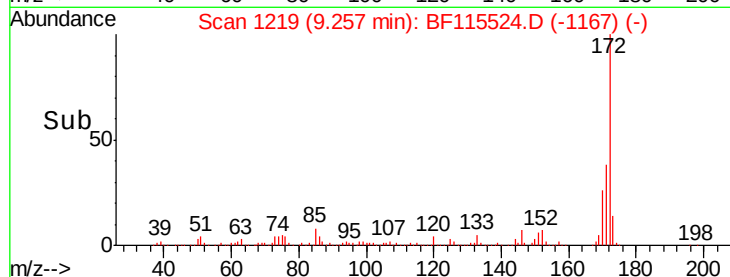
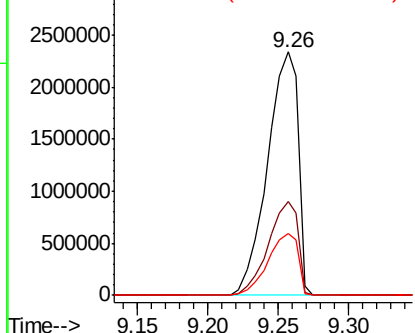
#45
2-Fluorobiphenyl
Concen: 165.993 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3546114
Ion Ratio Lower Upper
172 100
171 38.3 29.3 43.9
170 25.6 20.2 30.4

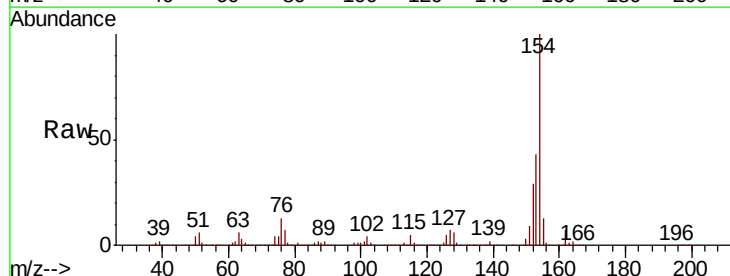


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

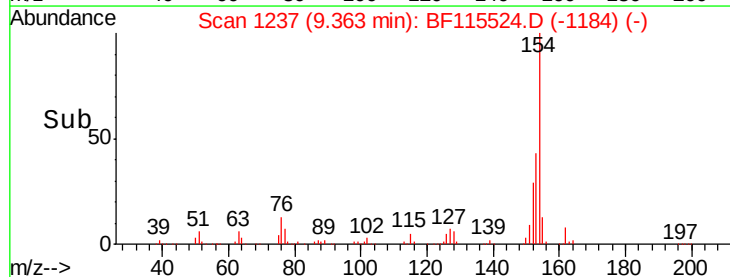
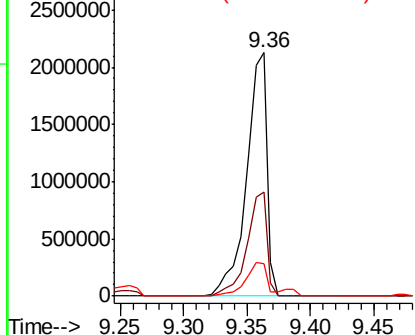


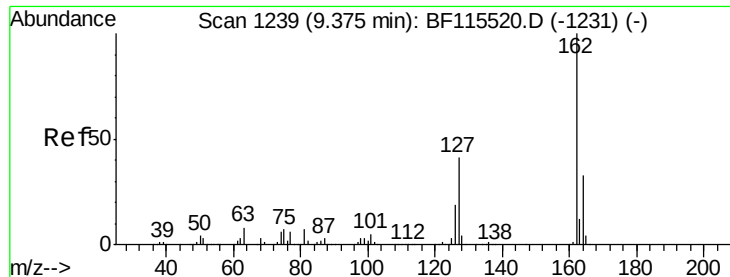
#46
1,1'-Biphenyl
Concen: 80.856 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:154 Resp: 2382863
Ion Ratio Lower Upper
154 100
153 42.6 21.5 61.5
76 13.4 0.0 32.9



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

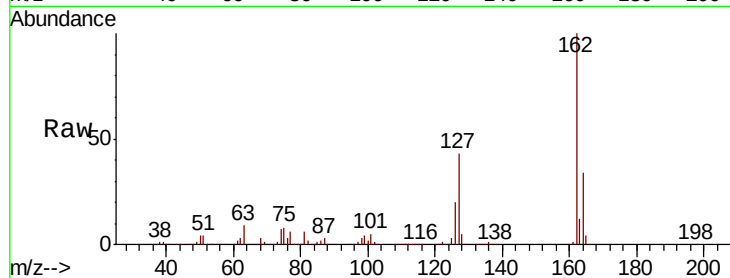




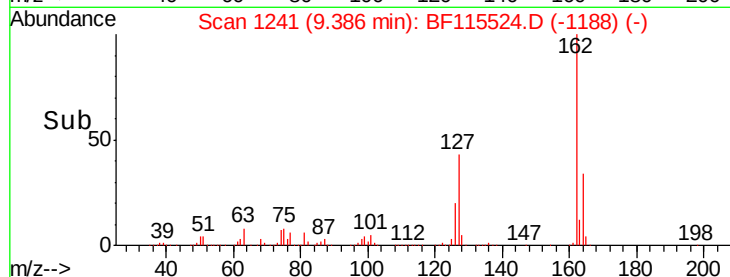
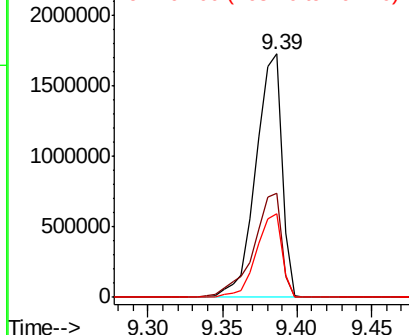
#47
 2-Chloronaphthalene
 Concen: 84.532 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2058918
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.0 49.4
 164 34.3 26.7 40.1

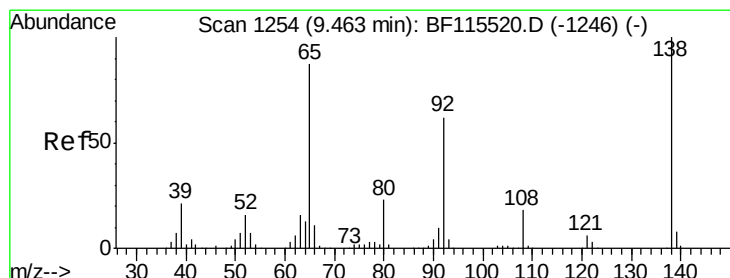


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

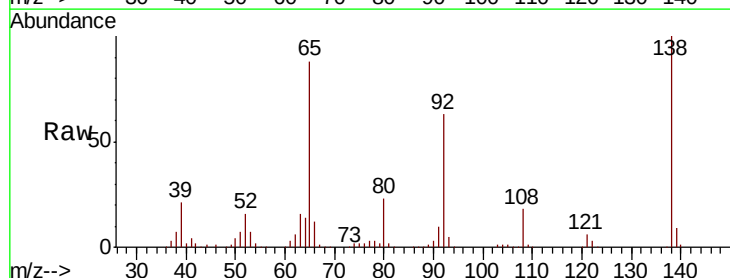
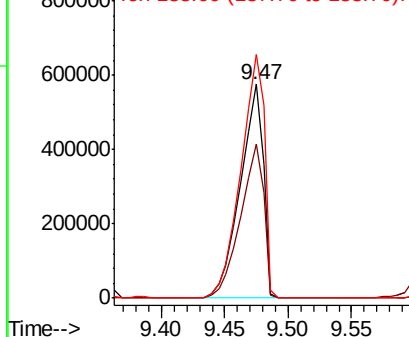


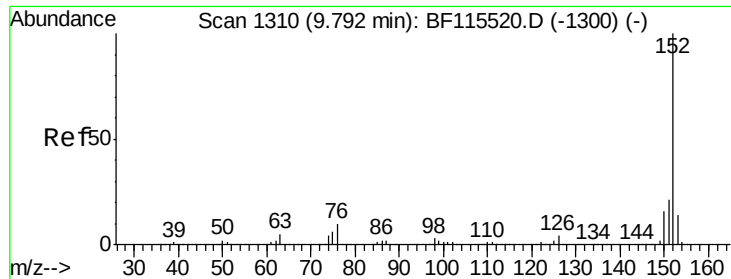
#48
 2-Nitroaniline
 Concen: 100.985 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion: 65 Resp: 722647
 Ion Ratio Lower Upper
 65 100
 92 72.2 56.8 85.2
 138 114.0 91.6 137.4



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: 80.222 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

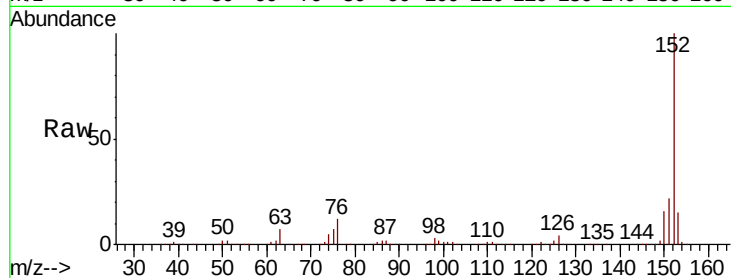
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2958344

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.1	25.7
153	15.0	11.4	17.0

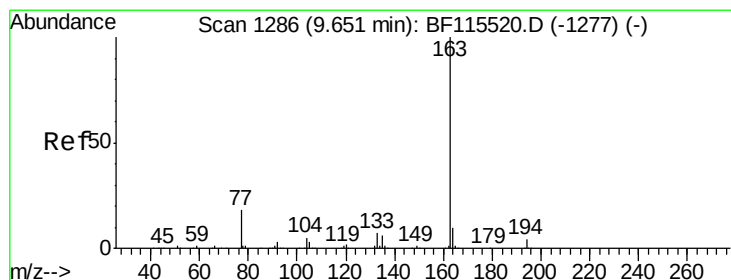
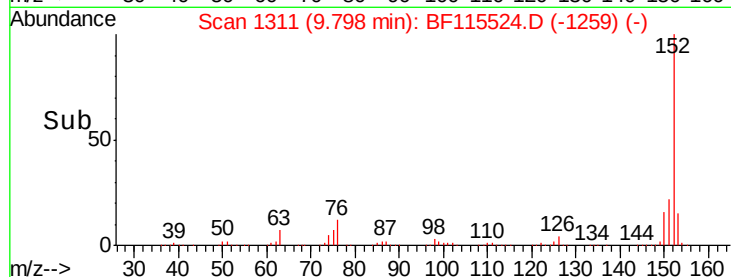
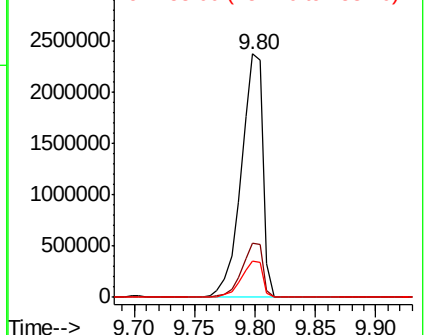


Abundance

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: 91.519 ng

RT: 9.67 min Scan# 1289

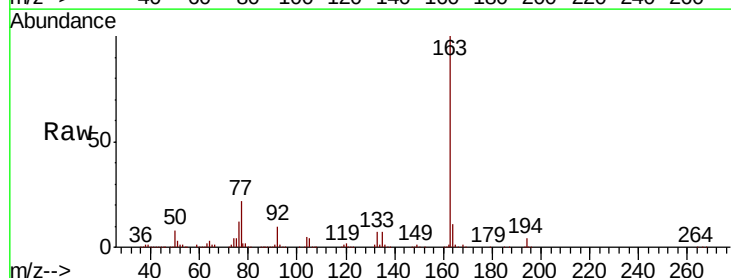
Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion:163 Resp: 2575028

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.9	8.4	12.6

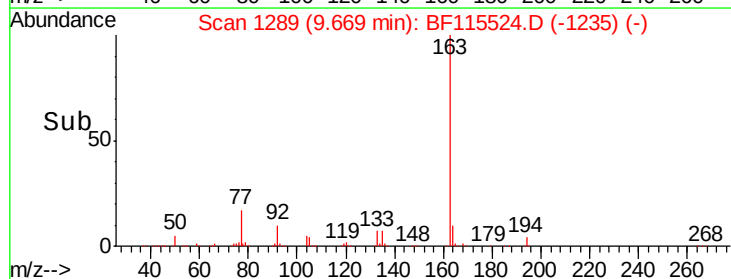
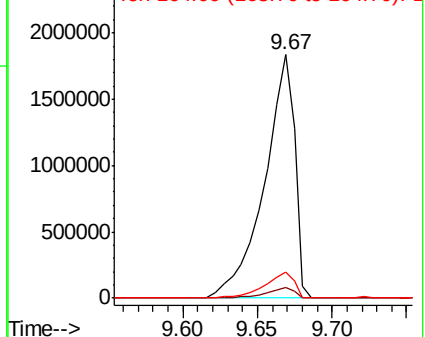


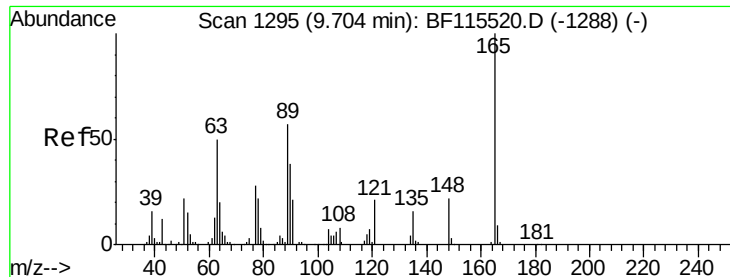
Abundance

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

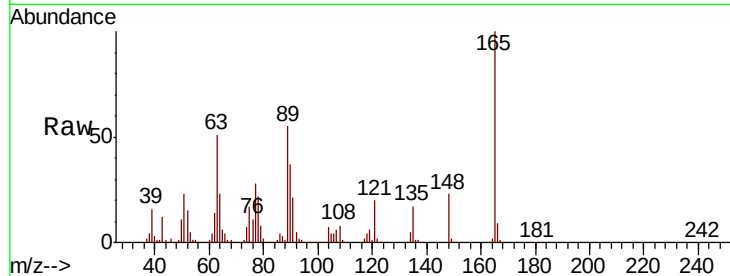




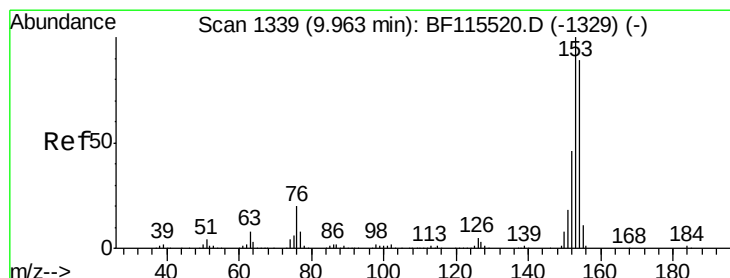
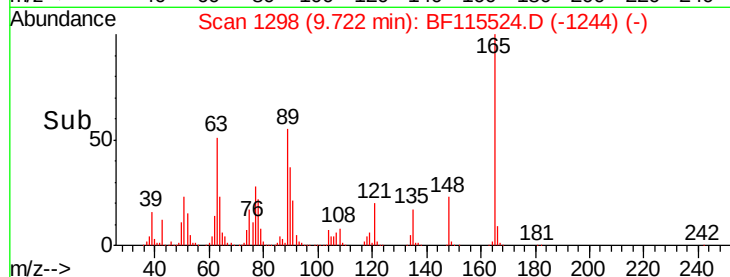
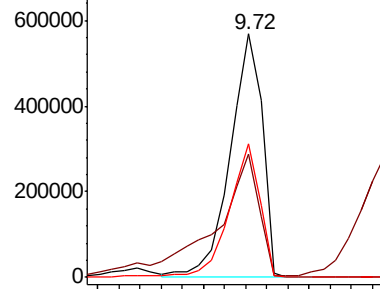
#51
 2,6-Dinitrotoluene
 Concen: 98.587 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 601593
 Ion Ratio Lower Upper
 165 100
 63 50.8 42.6 63.8
 89 54.9 45.2 67.8

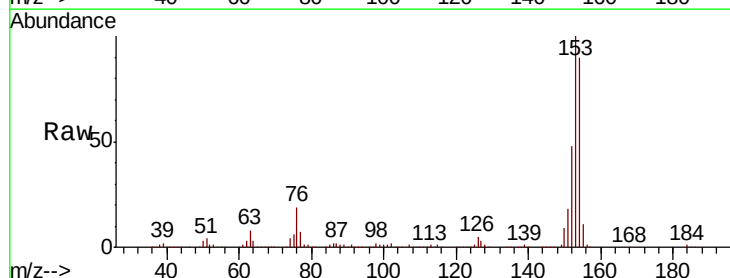


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

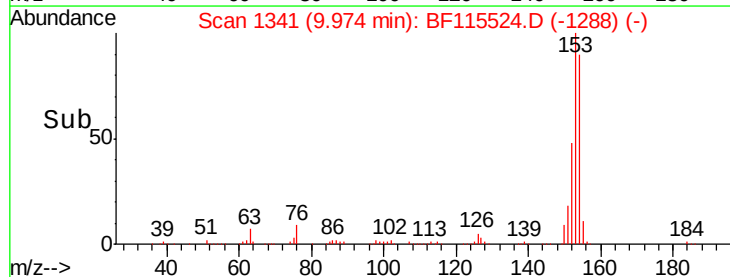
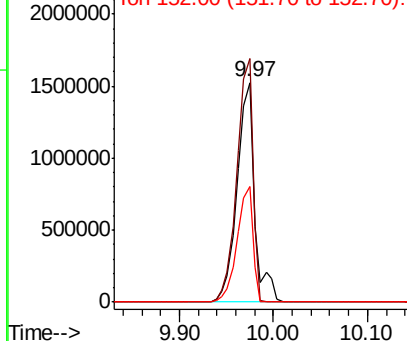


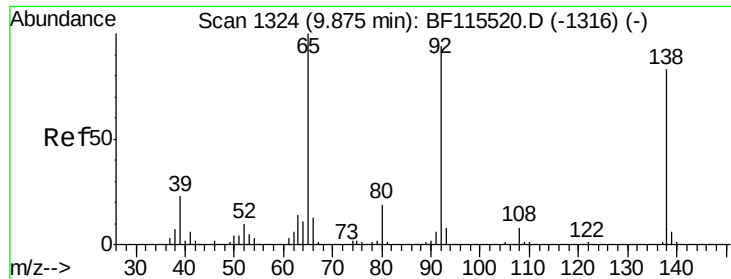
#52
 Acenaphthene
 Concen: 85.954 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:154 Resp: 1994866
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.8 134.8
 152 52.9 41.7 62.5



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

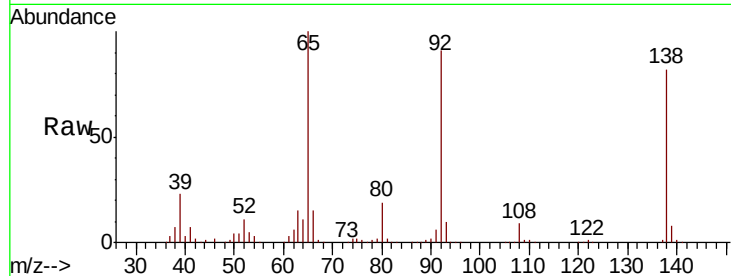




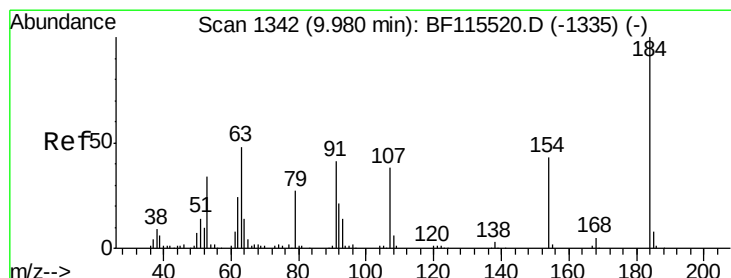
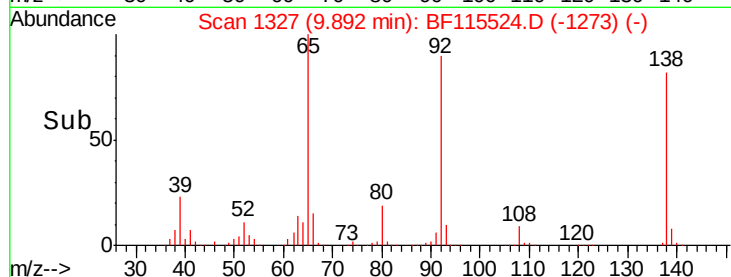
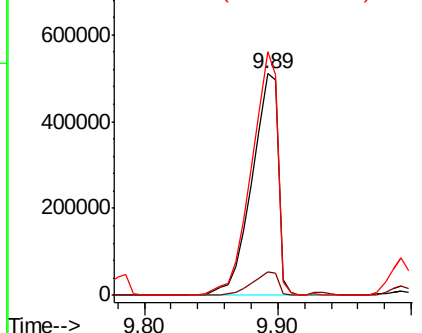
#53
 3-Nitroaniline
 Concen: 97.527 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 691211
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.1 12.1
 92 110.0 90.0 135.0

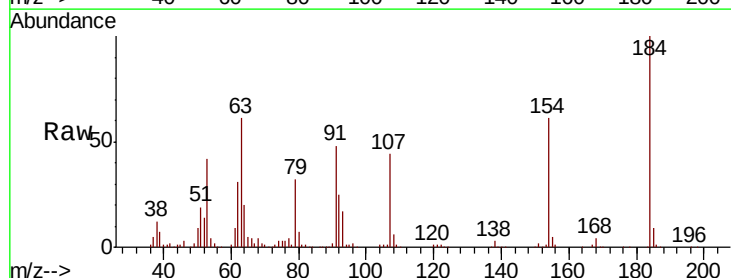


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

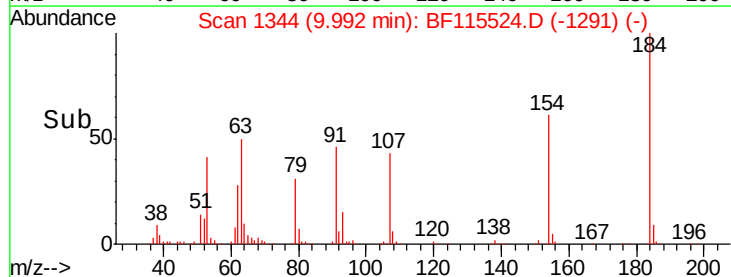
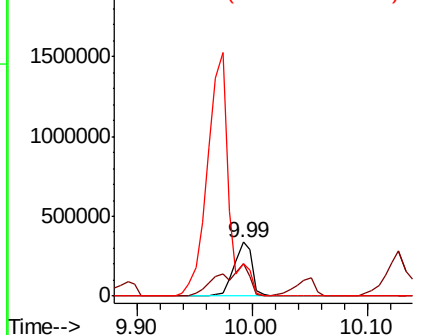


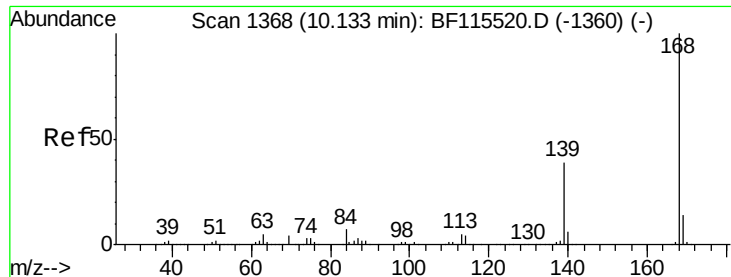
#54
 2,4-Dinitrophenol
 Concen: 173.684 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:184 Resp: 370857
 Ion Ratio Lower Upper
 184 100
 63 60.9 39.8 59.6#
 154 60.8 46.8 70.2



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

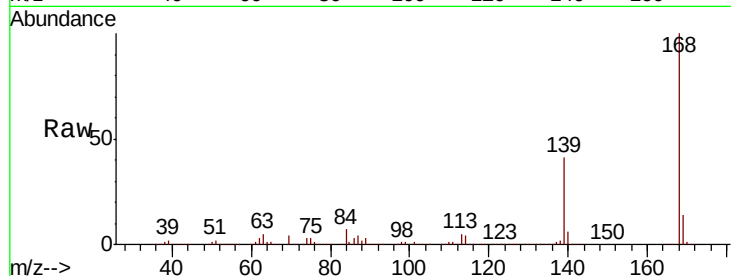




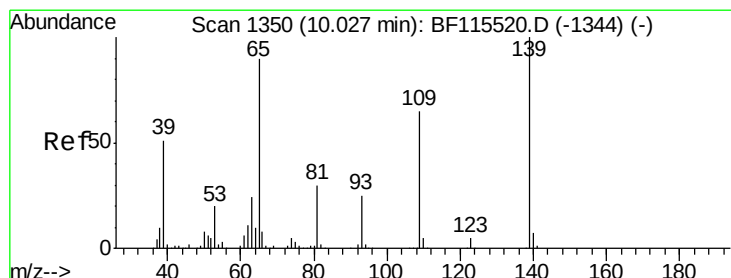
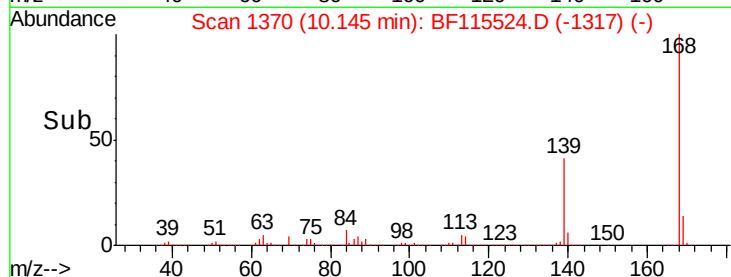
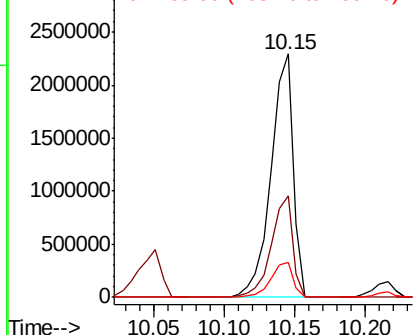
#55
Dibenzofuran
Concen: 77.344 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2528605
Ion Ratio Lower Upper
168 100
139 41.5 31.1 46.7
169 14.4 11.1 16.7

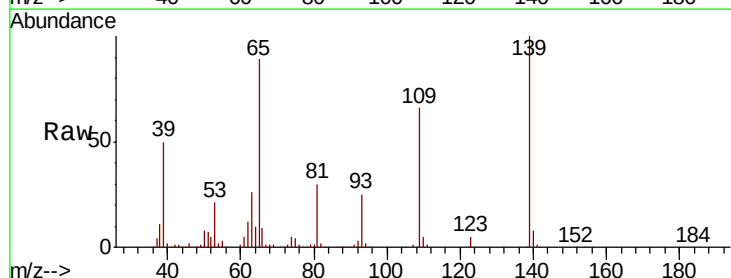


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

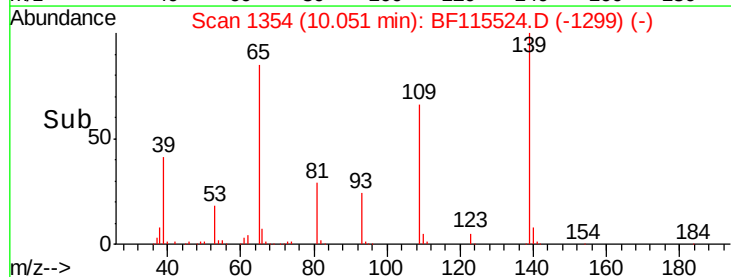
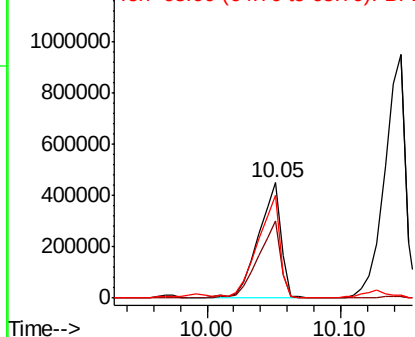


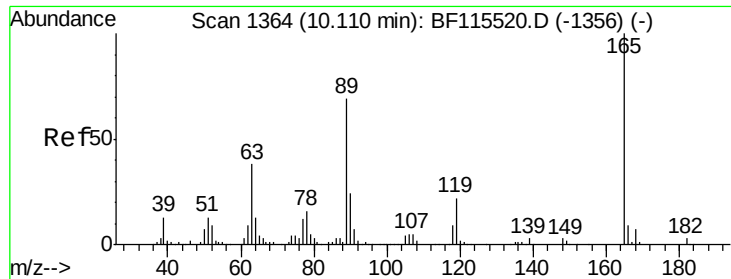
#56
4-Nitrophenol
Concen: 95.720 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:139 Resp: 524868
Ion Ratio Lower Upper
139 100
109 66.4 45.5 85.5
65 88.9 70.7 110.7



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

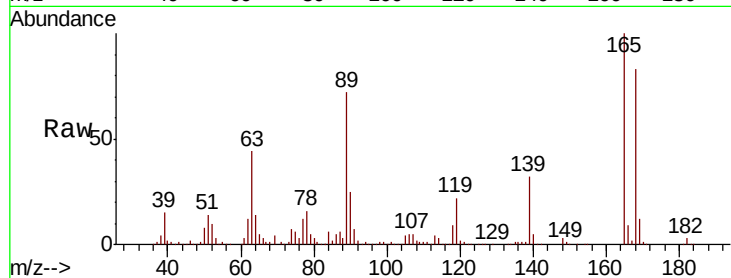




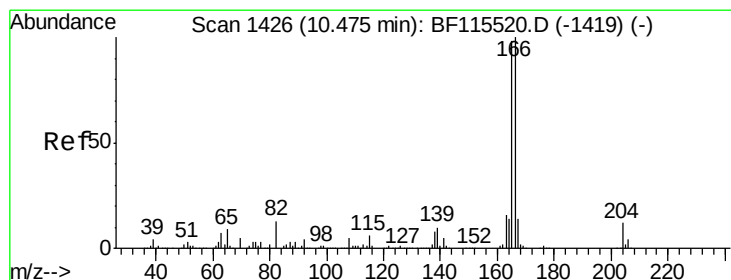
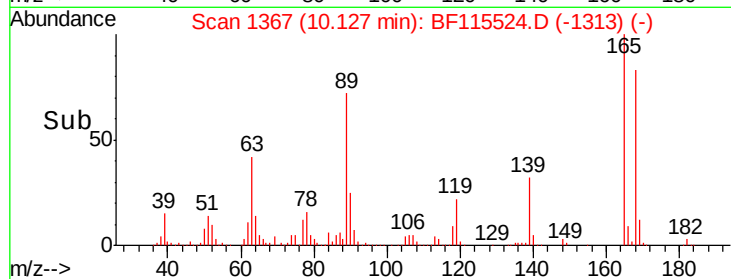
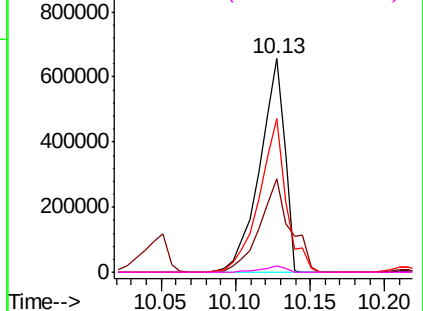
#57
2,4-Dinitrotoluene
Concen: 96.939 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	751766
Ion	Ratio	Lower	Upper
165	100		
63	43.6	31.0	46.4
89	71.9	55.3	82.9
182	2.8	2.3	3.5

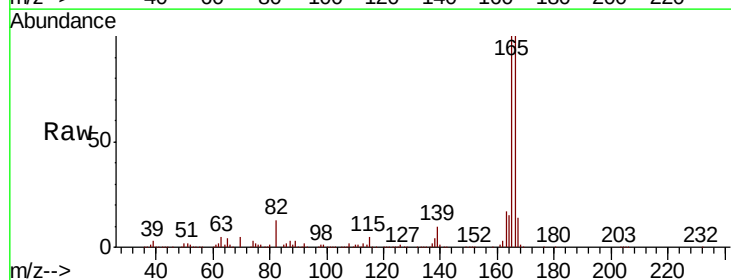


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

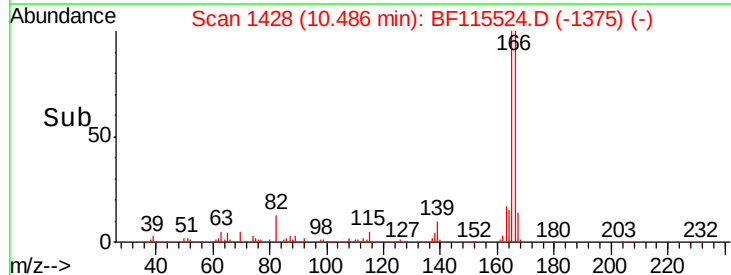
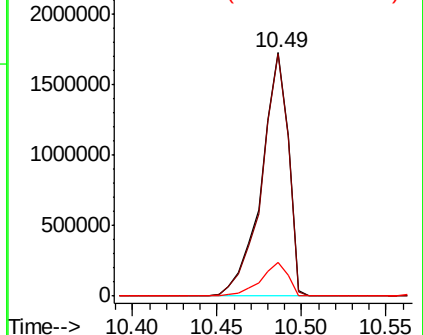


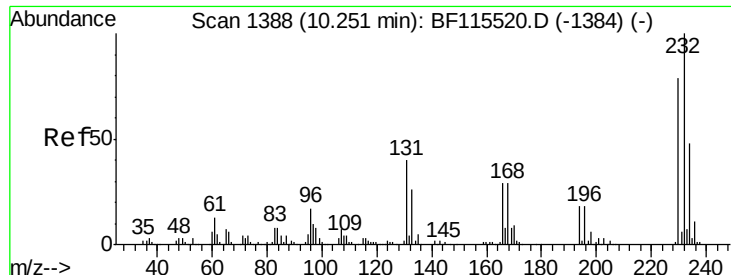
#58
Fluorene
Concen: 73.794 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:	166	Resp:	1901816
Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.7	118.1
167	14.0	11.2	16.8



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

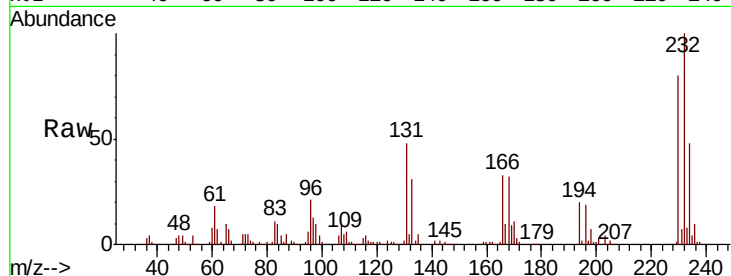




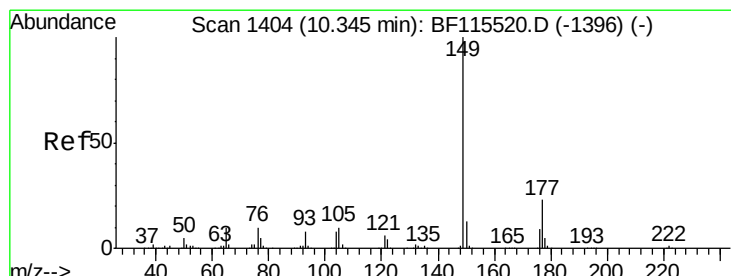
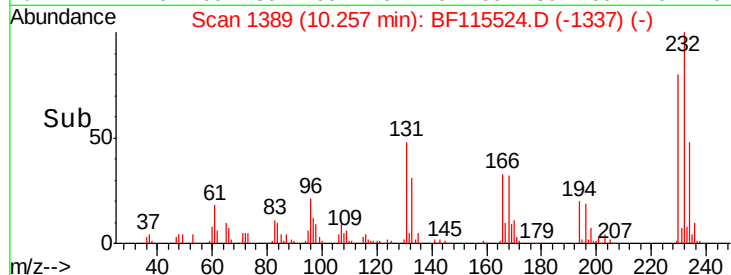
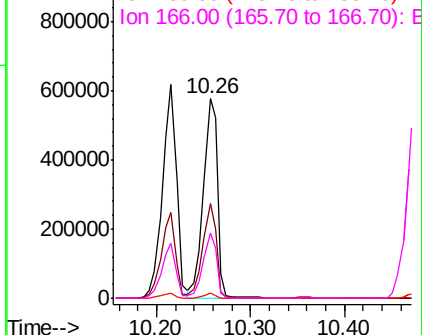
#59
2,3,4,6-Tetrachlorophenol
Concen: 86.903 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.6	53.4
130	2.2	1.7	2.5
166	31.0	24.5	36.7

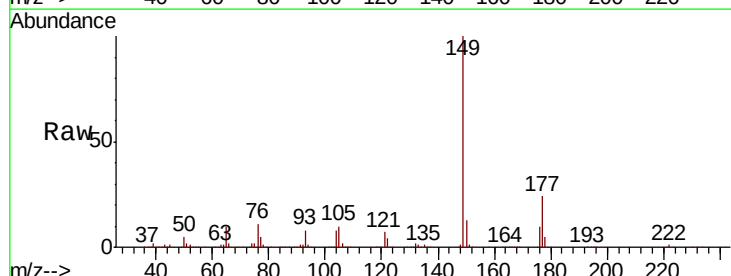


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

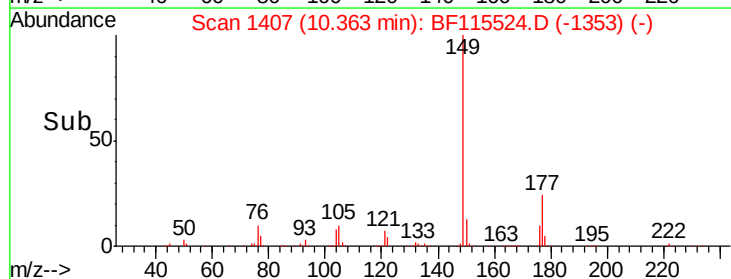
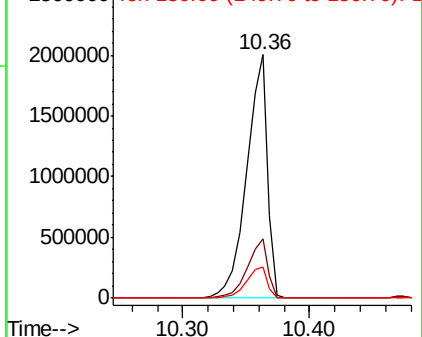


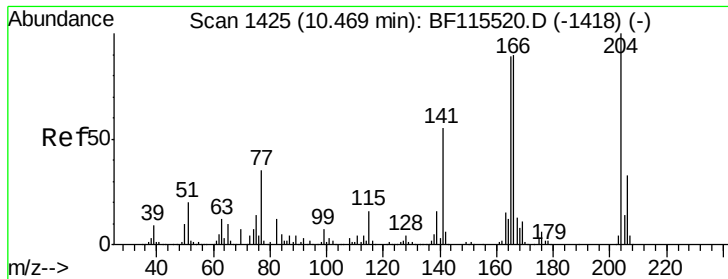
#60
Diethylphthalate
Concen: 82.370 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.7	28.1
150	13.0	10.3	15.5



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

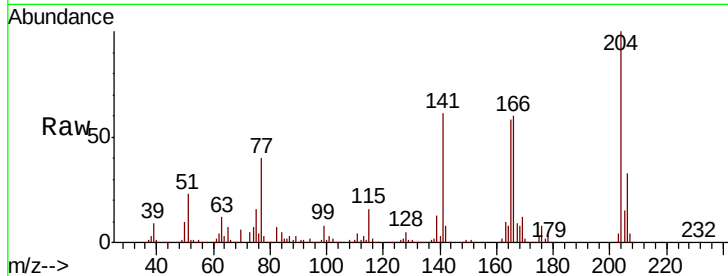




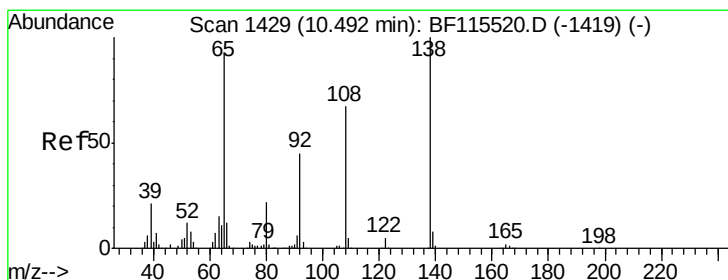
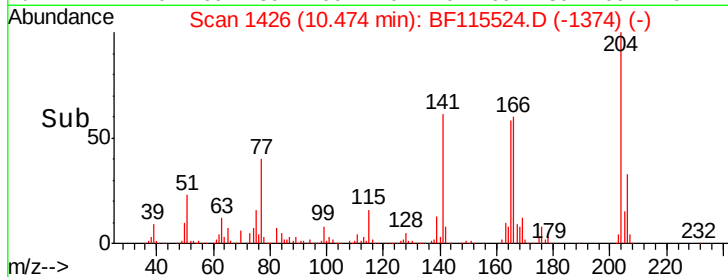
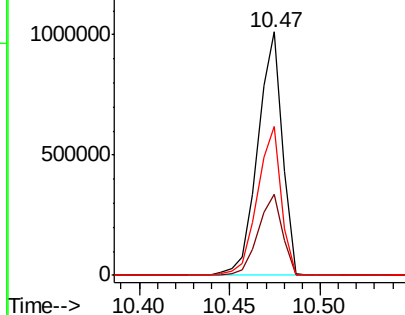
#61
4-Chlorophenyl-phenylether
Concen: 75.639 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 951442
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 61.2 44.2 66.2

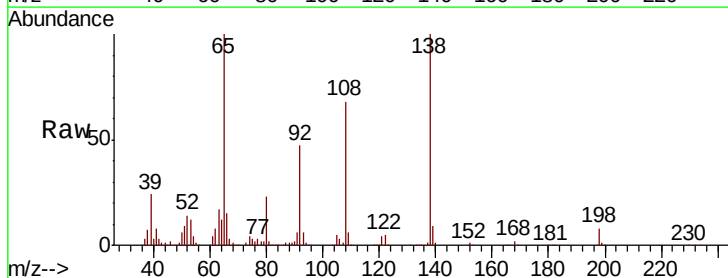


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

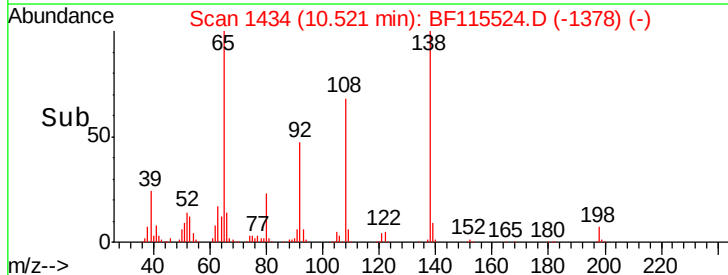
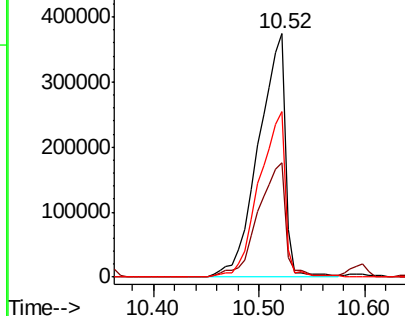


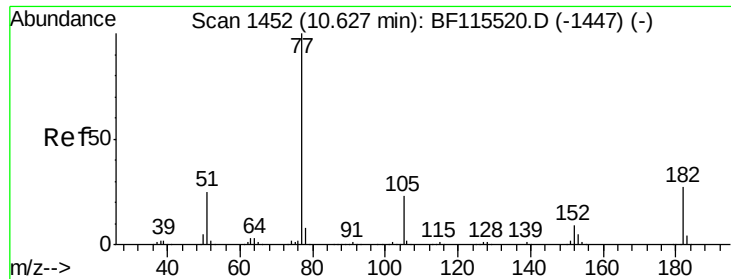
#62
4-Nitroaniline
Concen: 95.033 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.03 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:138 Resp: 661122
Ion Ratio Lower Upper
138 100
92 47.1 25.1 65.1
108 68.0 46.7 86.7



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: 76.093 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

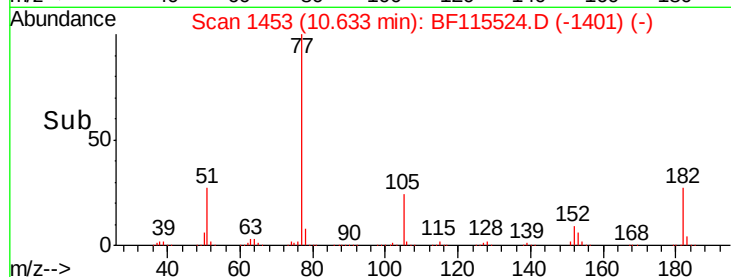
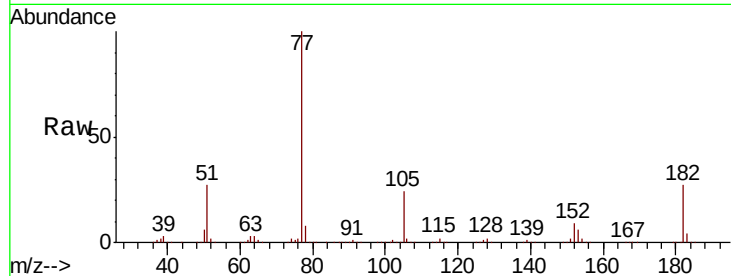
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2172316

Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.6	46.6
105	23.9	3.2	43.2
51	27.3	5.4	45.4

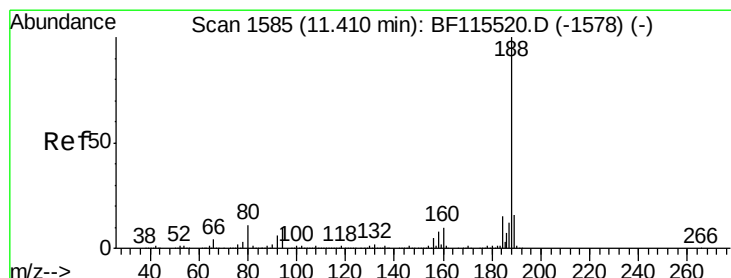


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

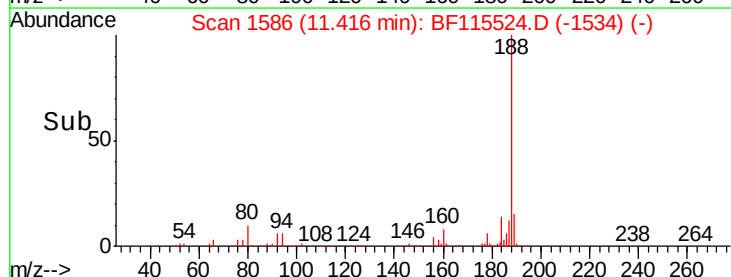
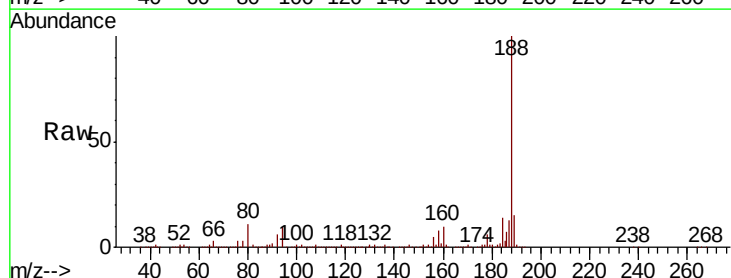
Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion: 188 Resp: 699310

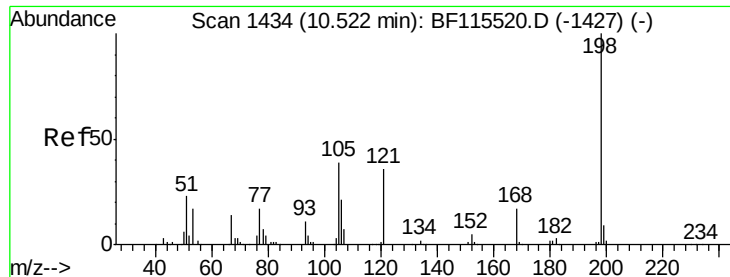
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.8	9.0	13.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

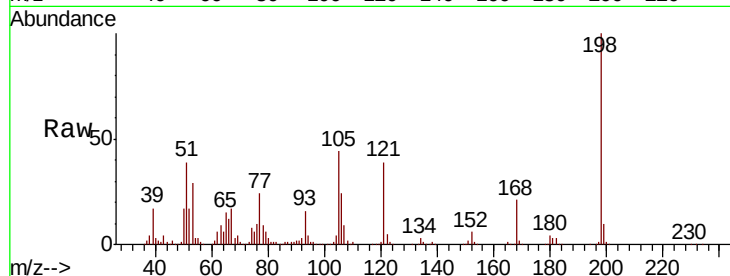
Ion 80.00 (79.70 to 80.70): BF1



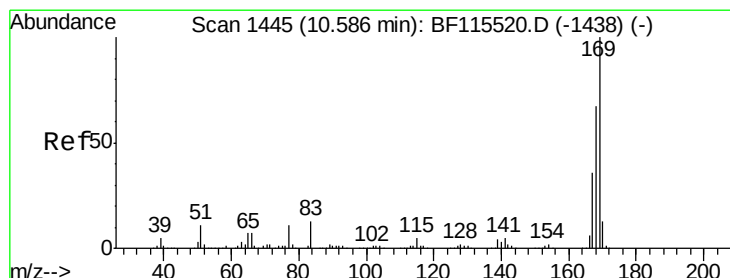
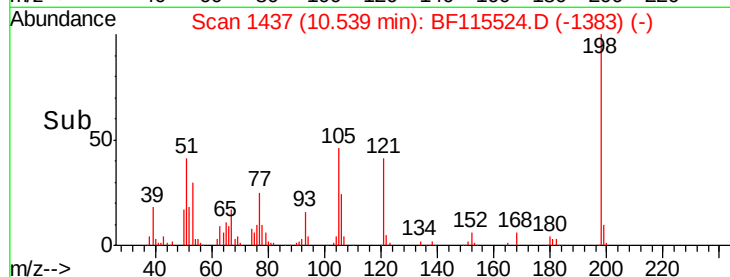
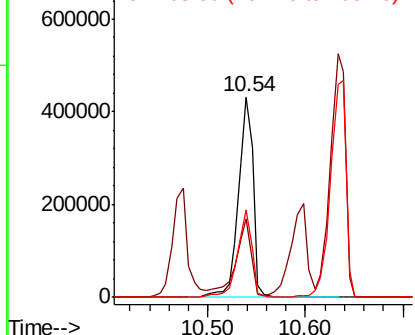
#65
4,6-Dinitro-2-methylphenol
Concen: 148.711 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 451792
Ion Ratio Lower Upper
198 100
51 39.1 12.0 52.0
105 43.6 19.5 59.5

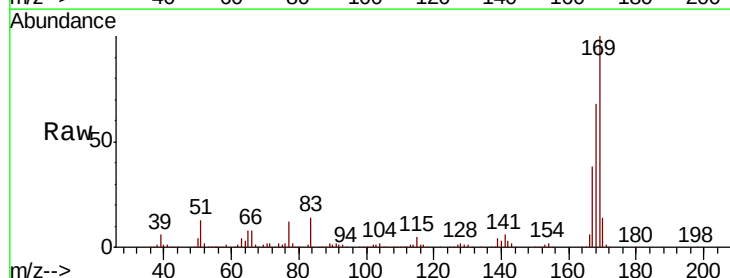


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

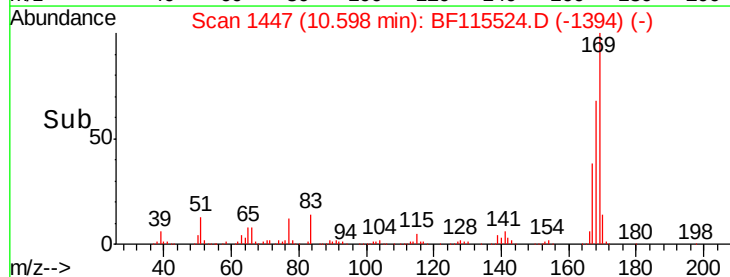
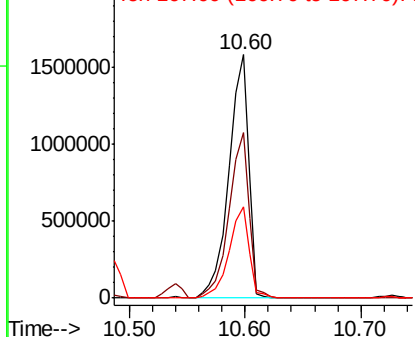


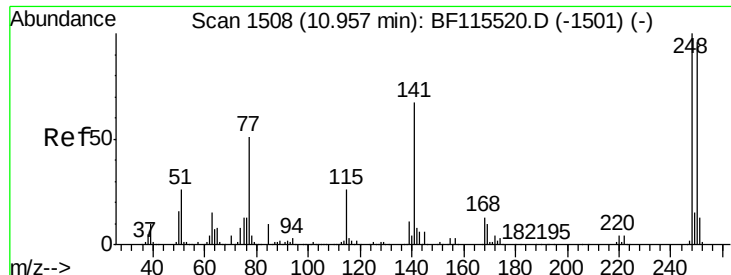
#66
n-Nitrosodiphenylamine
Concen: 84.822 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:169 Resp: 1868966
Ion Ratio Lower Upper
169 100
168 67.9 53.5 80.3
167 37.7 28.9 43.3



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

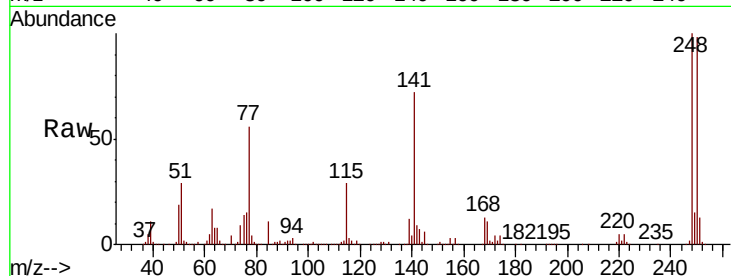




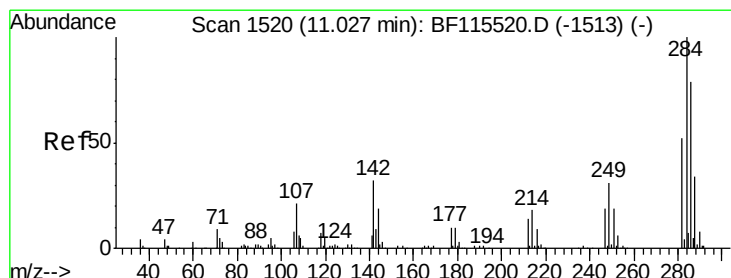
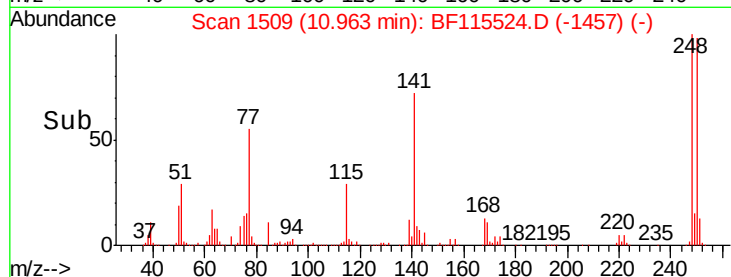
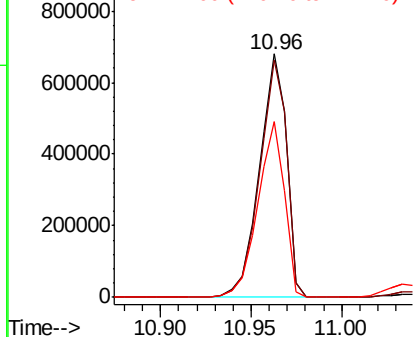
#67
 4-Bromophenyl-phenylether
 Concen: 89.711 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 703942
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.6 115.0
 141 72.1 53.7 80.5

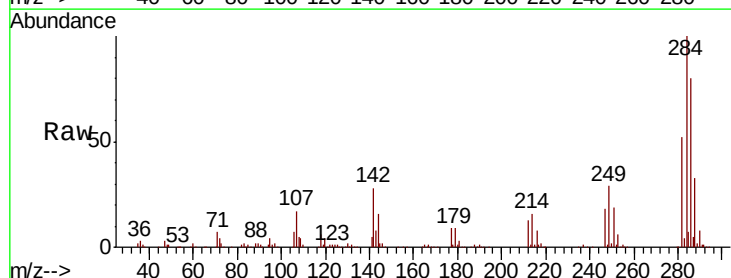


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

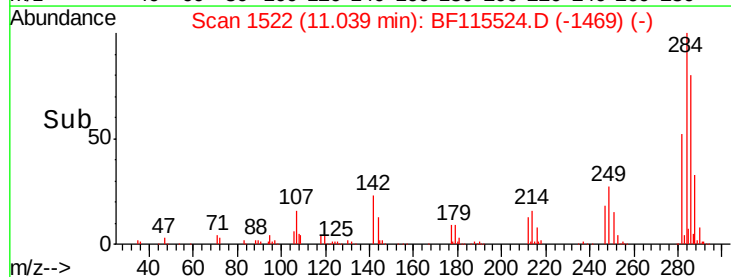
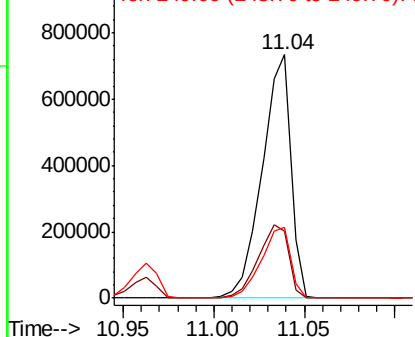


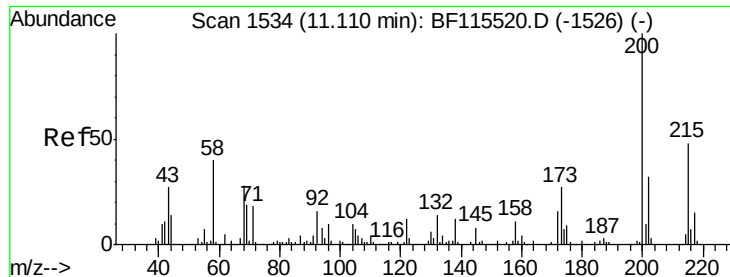
#68
 Hexachlorobenzene
 Concen: 91.779 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:284 Resp: 808116
 Ion Ratio Lower Upper
 284 100
 142 27.7 25.8 38.8
 249 29.3 24.4 36.6



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

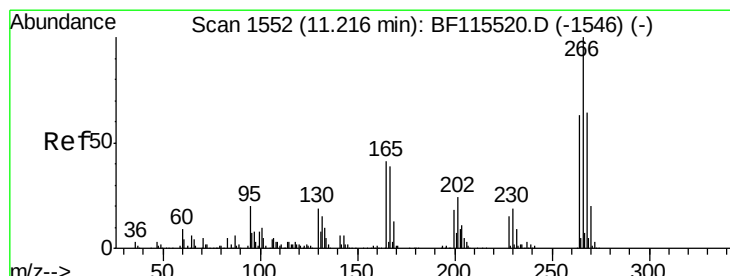
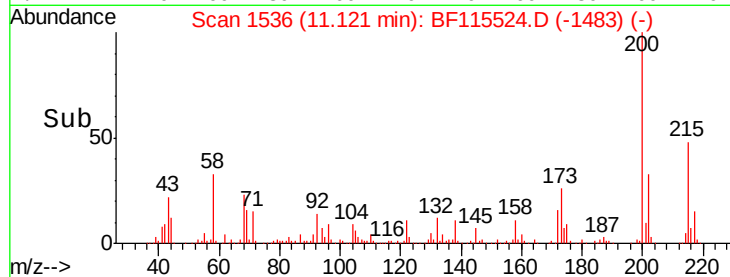
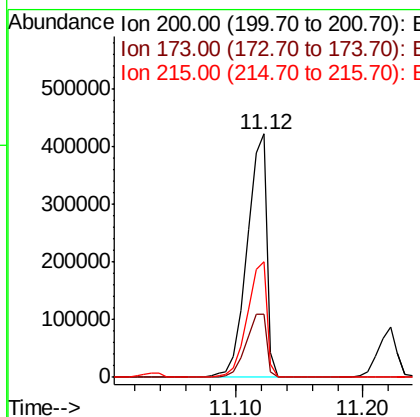
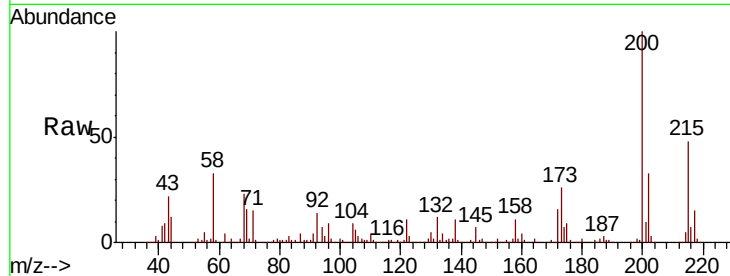




#69
Atrazine
Concen: 66.899 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

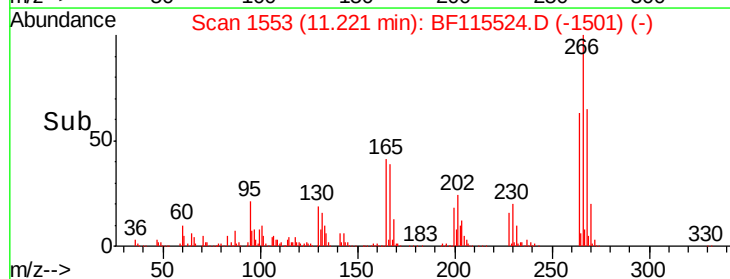
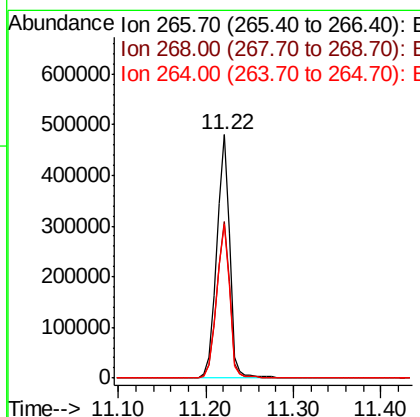
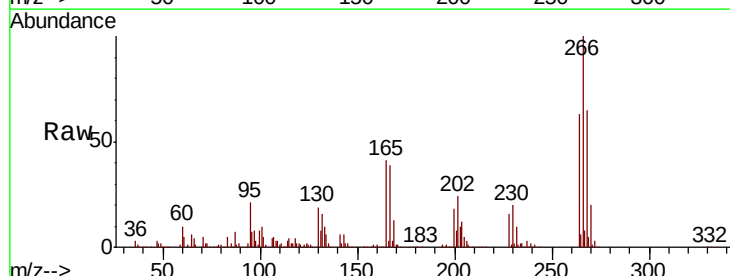
Instrument :
BNA_F
ClientSampleId :

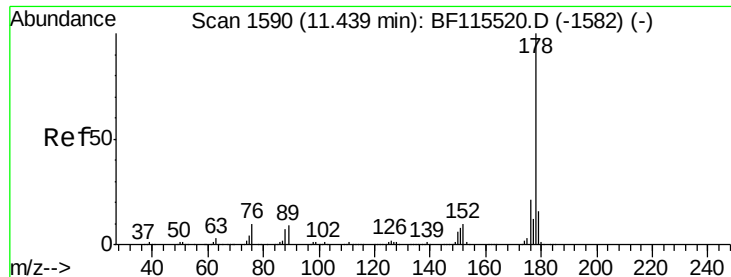
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.9	46.9
215	47.5	27.9	67.9



#70
Pentachlorophenol
Concen: 93.080 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	63.3	50.2	75.2

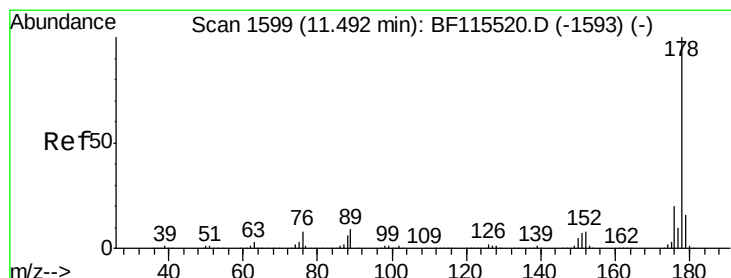
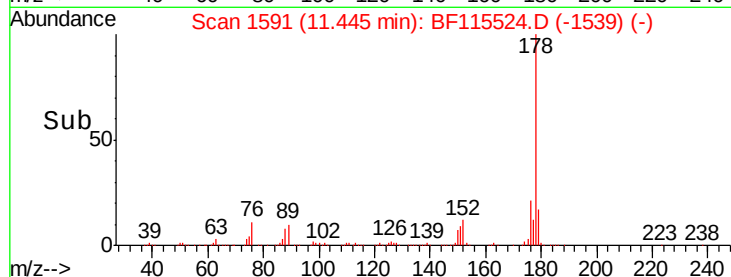
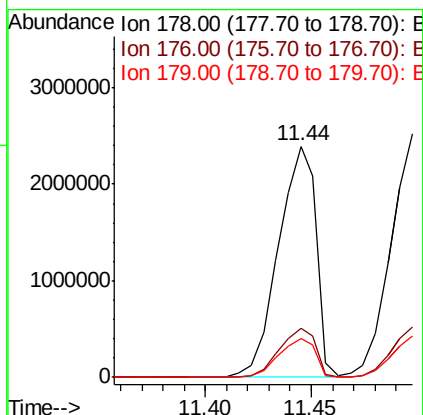
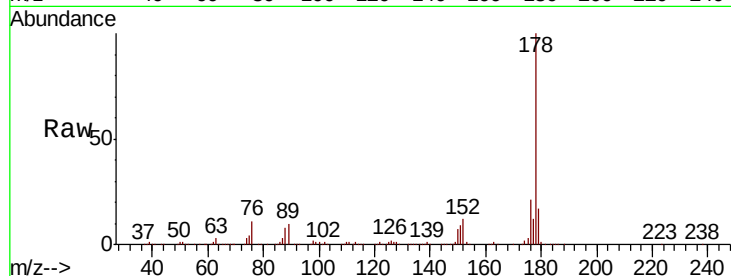




#71
Phenanthrene
Concen: 80.701 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

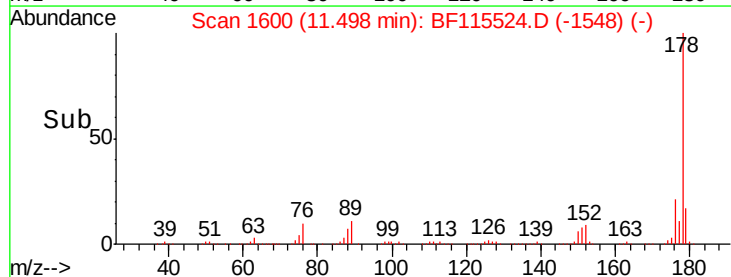
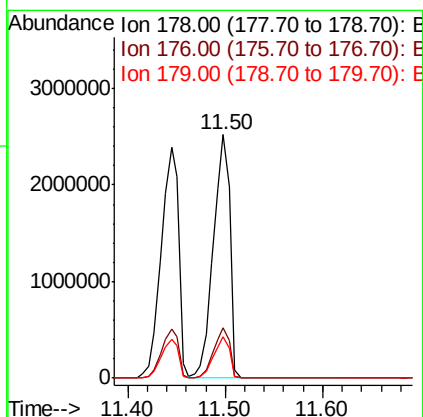
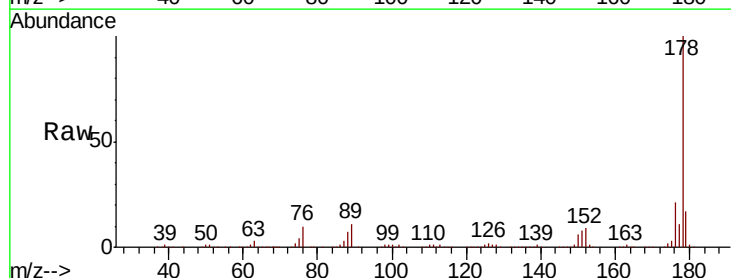
Instrument :
BNA_F
ClientSampleId :

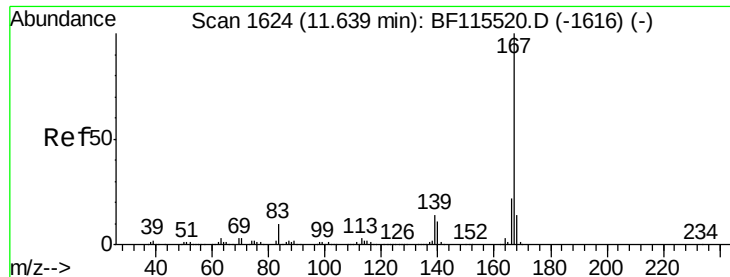
Tot Ion:178 Resp: 2968058
Ion Ratio Lower Upper
178 100
176 21.5 16.5 24.7
179 16.9 12.8 19.2



#72
Anthracene
Concen: 80.179 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:178 Resp: 2957033
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 17.0 12.7 19.1





#73

Carbazole

Concen: 81.074 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

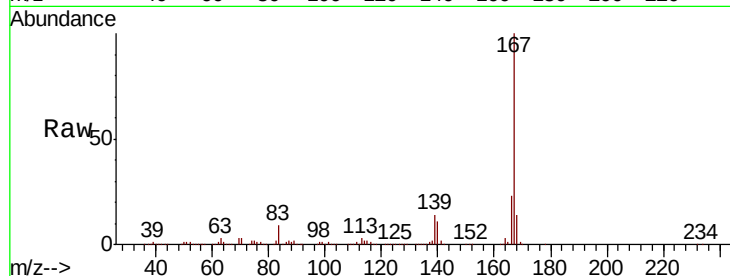
Tot Ion:167 Resp: 2735434

Ion Ratio Lower Upper

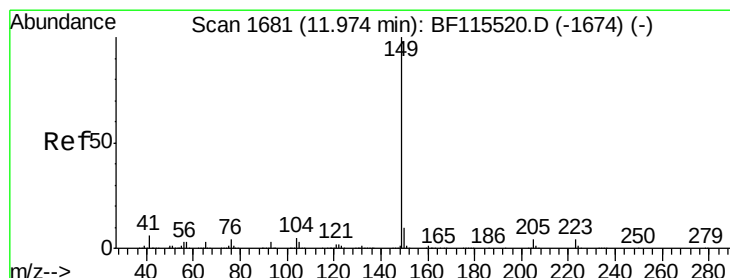
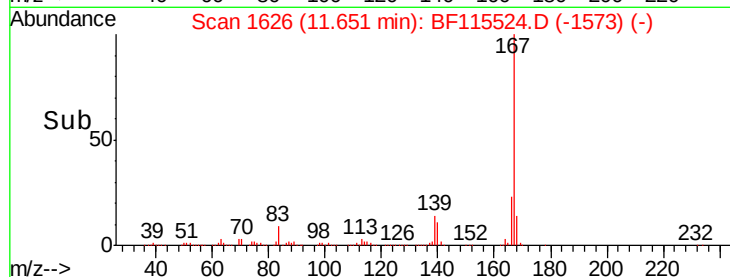
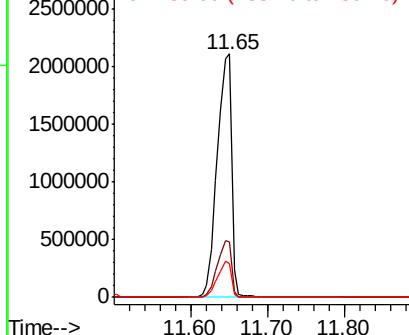
167 100

166 22.6 17.9 26.9

139 14.1 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 75.120 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

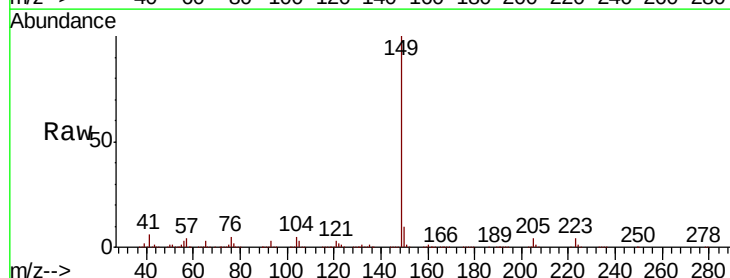
Tgt Ion:149 Resp: 3063143

Ion Ratio Lower Upper

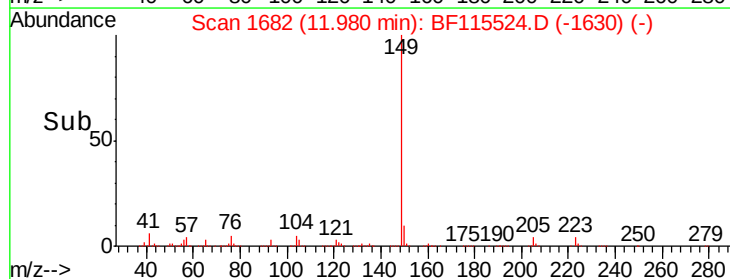
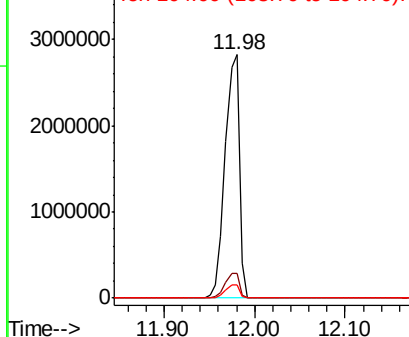
149 100

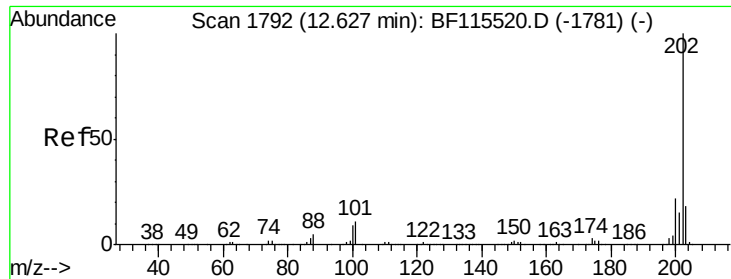
150 10.2 7.7 11.5

104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

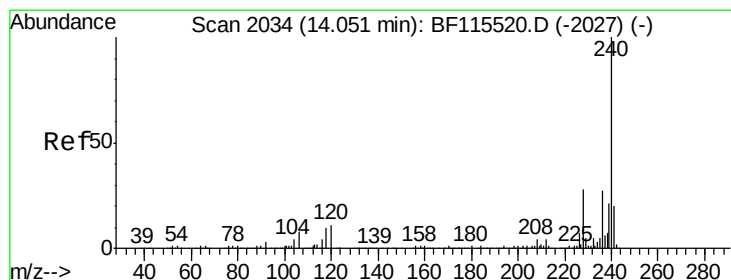
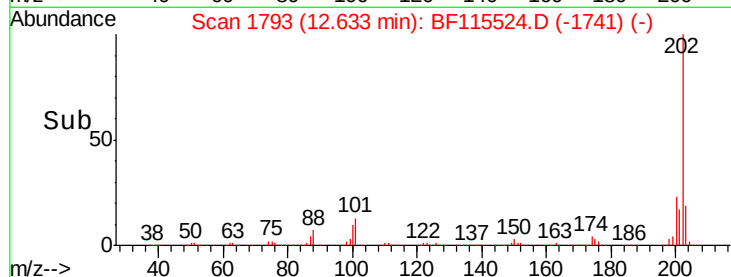
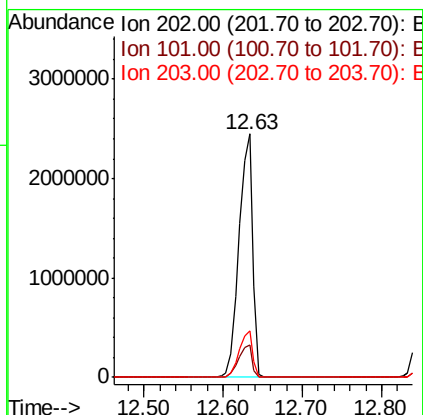
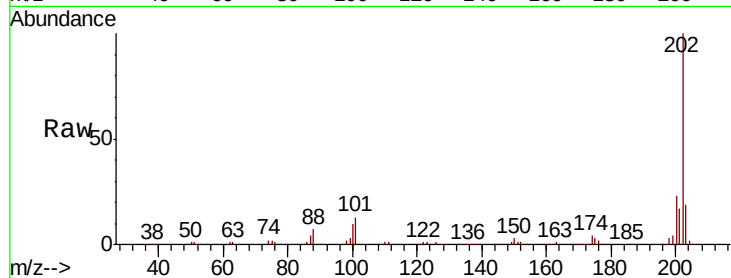




#75
Fluoranthene
Concen: 75.763 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

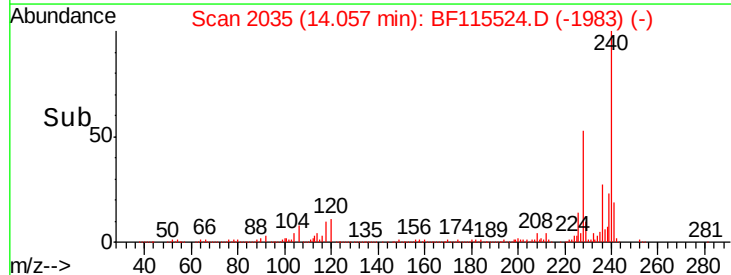
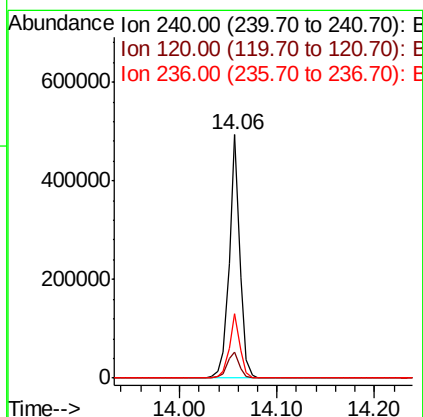
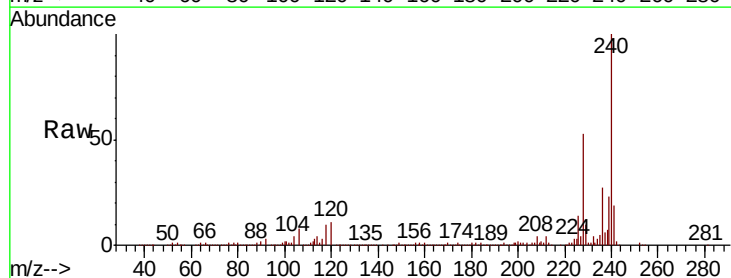
Instrument :
BNA_F
ClientSampleId :

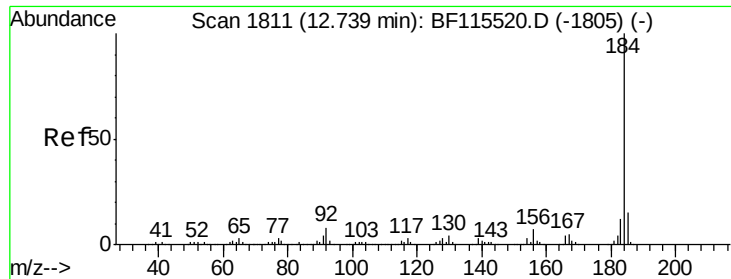
Tot Ion:202 Resp: 2933866
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 19.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:240 Resp: 370881
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 26.6 21.4 32.2





#77

Benzidine

Concen: 49.740 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

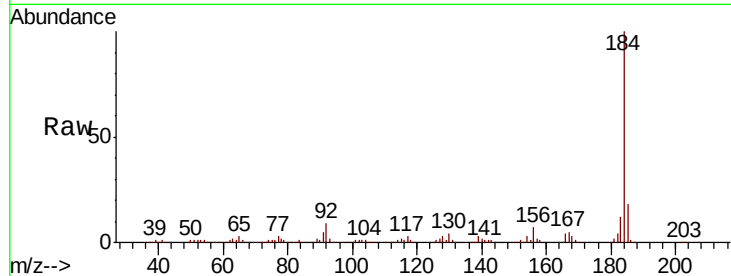
Tot Ion:184 Resp: 719389

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.0	18.0
183	11.8	9.3	13.9

184 100

185 17.7 12.0 18.0

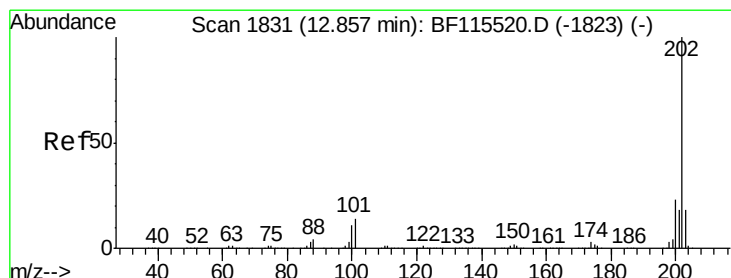
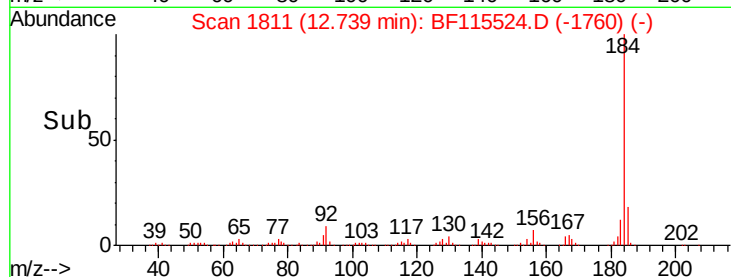
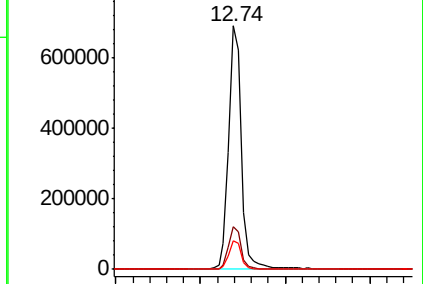
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 104.011 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

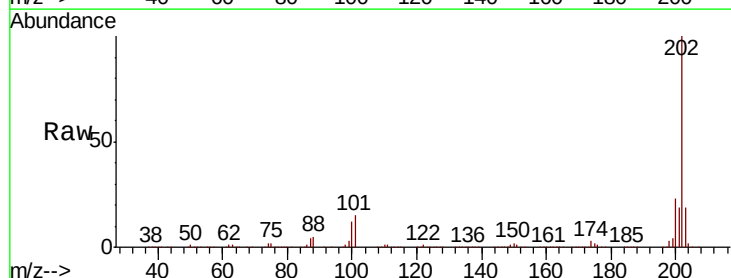
Tgt Ion:202 Resp: 2999821

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.0	27.0
203	19.0	14.6	21.8

202 100

200 23.4 18.0 27.0

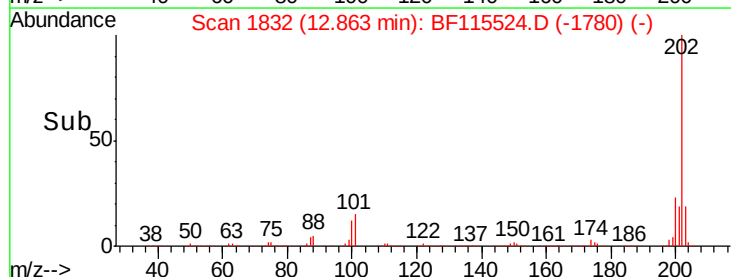
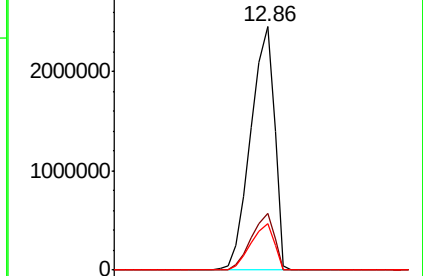
203 19.0 14.6 21.8

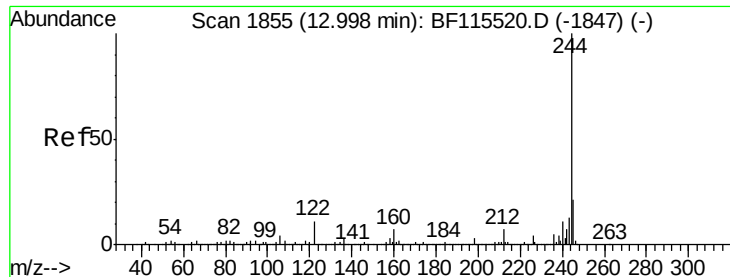


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 197.327 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

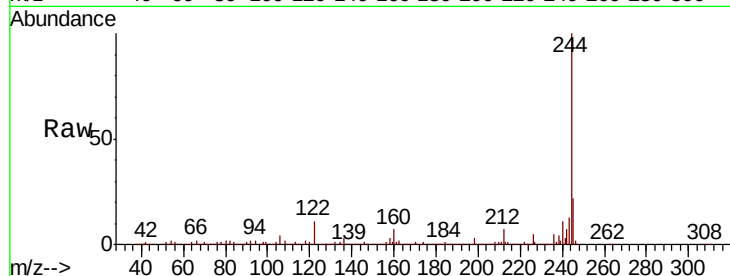
Tot Ion:244 Resp: 3574345

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

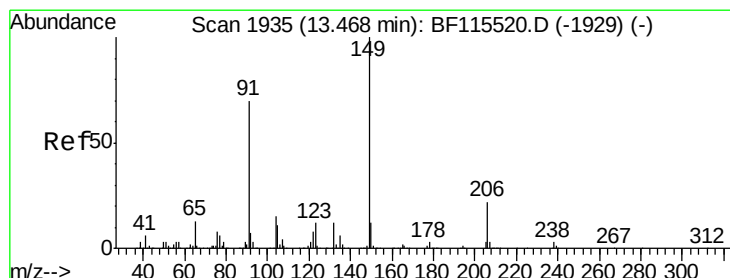
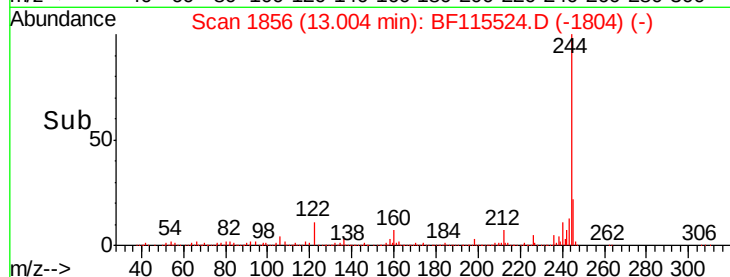
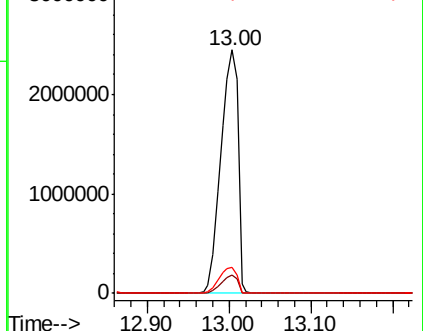
122 10.7 9.0 13.4



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: 102.345 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

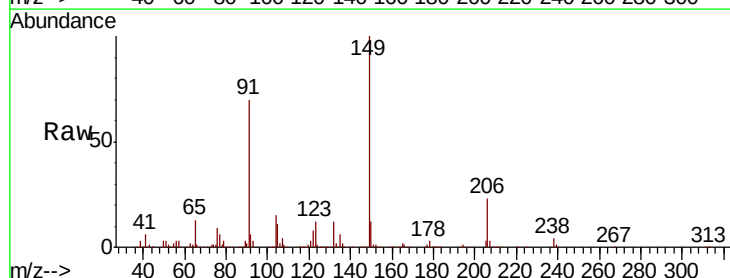
Tgt Ion:149 Resp: 1289698

Ion Ratio Lower Upper

149 100

91 69.8 56.1 84.1

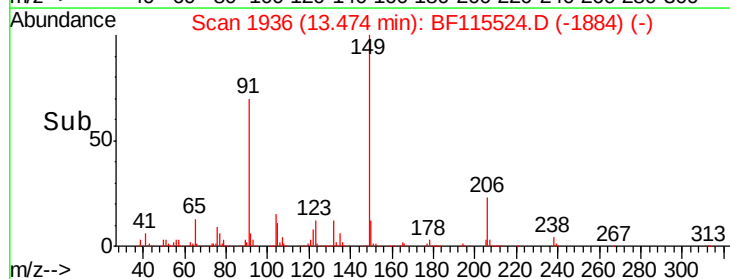
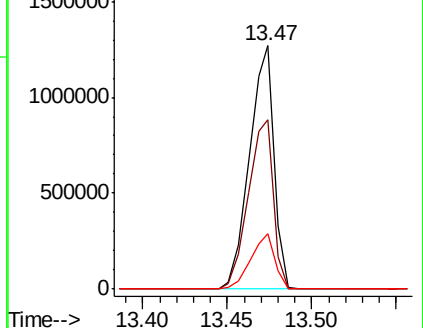
206 22.7 17.4 26.2

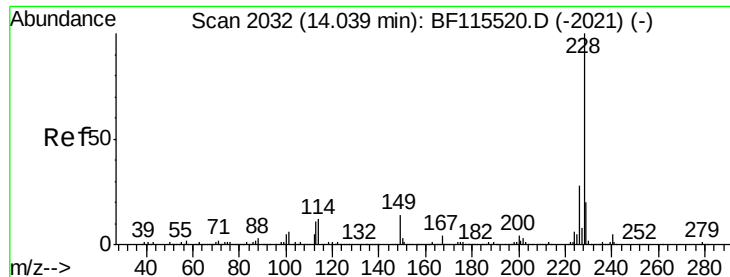


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 90.635 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

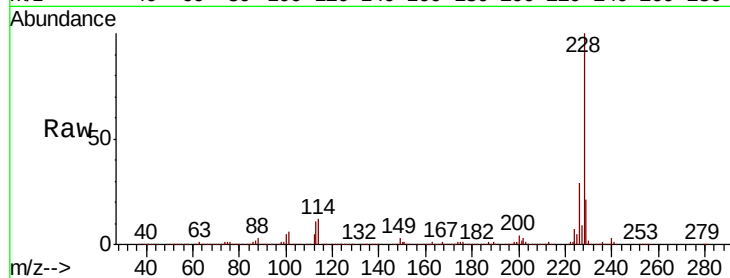
Tot Ion:228 Resp: 2153824

Ion Ratio Lower Upper

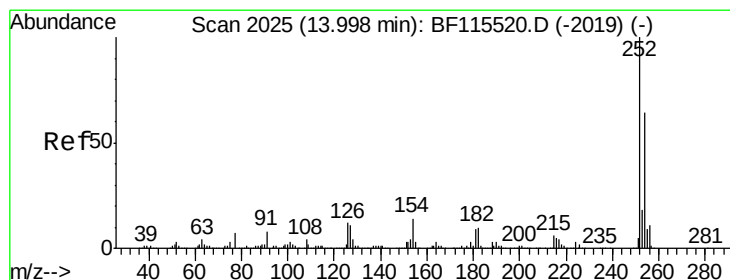
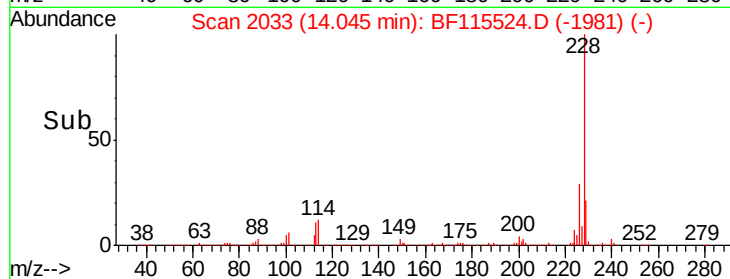
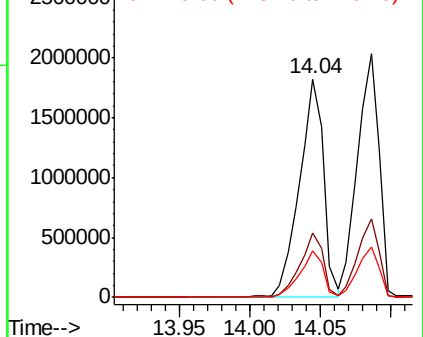
228 100

226 29.2 22.2 33.4

229 21.5 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



#82

3,3'-Dichlorobenzidine

Concen: 81.373 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

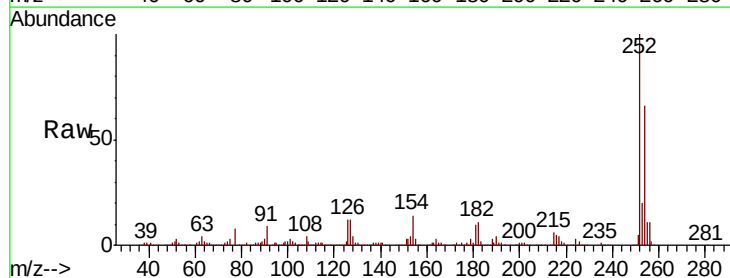
Tgt Ion:252 Resp: 701662

Ion Ratio Lower Upper

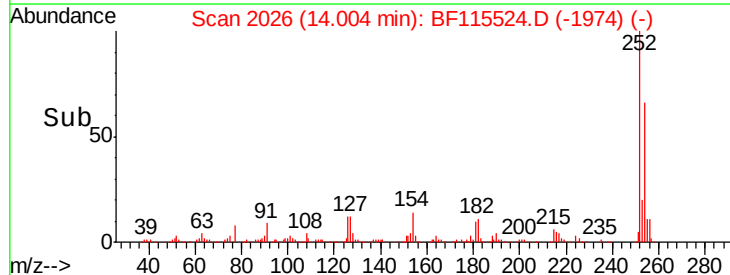
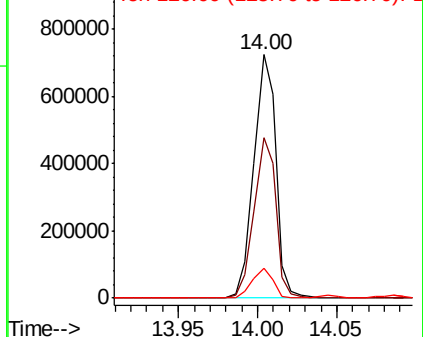
252 100

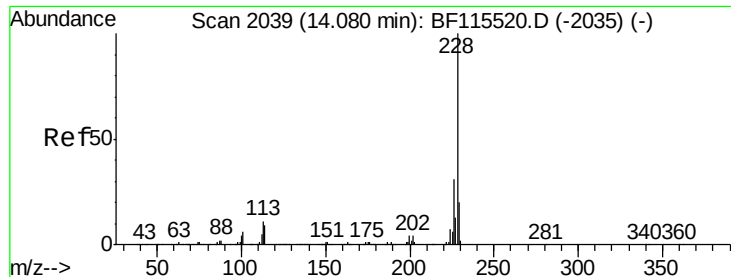
254 66.1 51.1 76.7

126 12.4 9.4 14.2



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

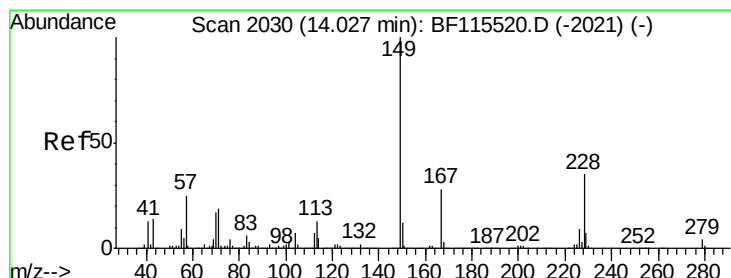
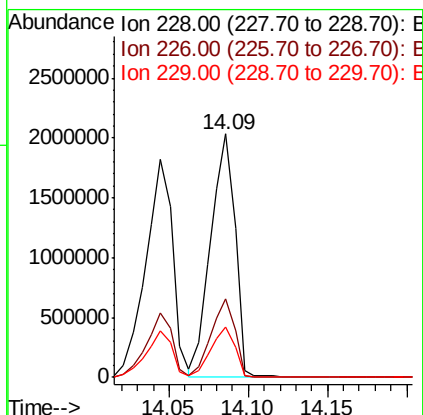
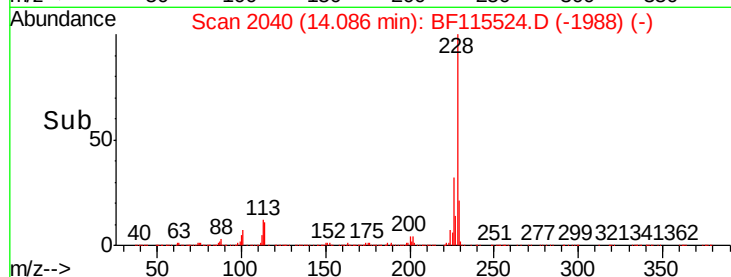
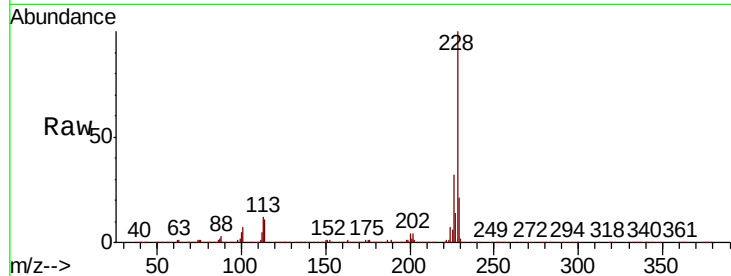




#83
 Chrysene
 Concen: 89.163 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

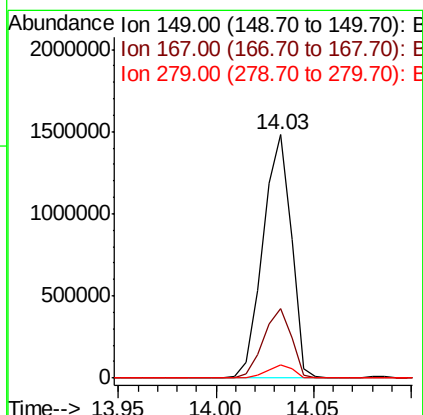
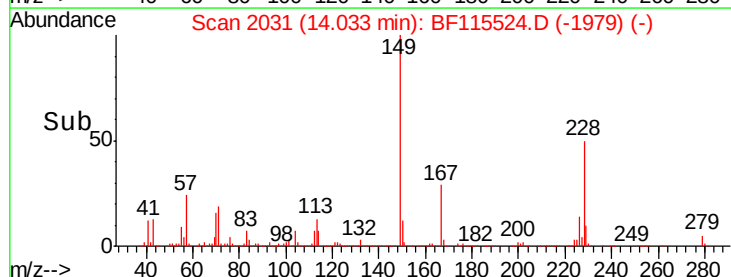
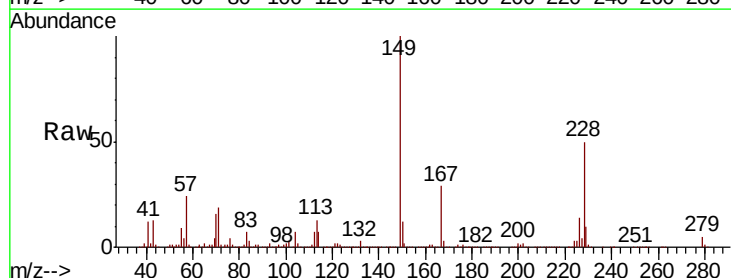
Instrument :
 BNA_F
 ClientSampleID :

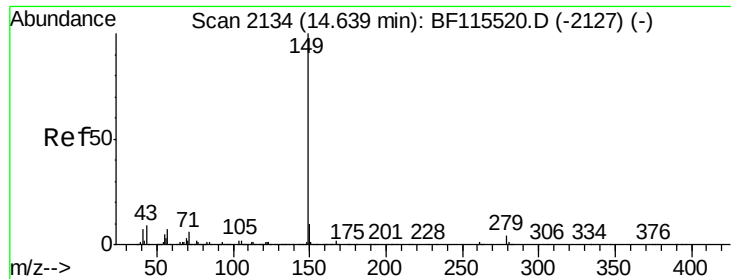
Tot Ion:228 Resp: 2177059
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.6 36.8
 229 20.8 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 95.556 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF115524.D
 Acq: 12 Jul 2019 12:14

Tgt Ion:149 Resp: 1491220
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.2 33.4
 279 5.2 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 85.963 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

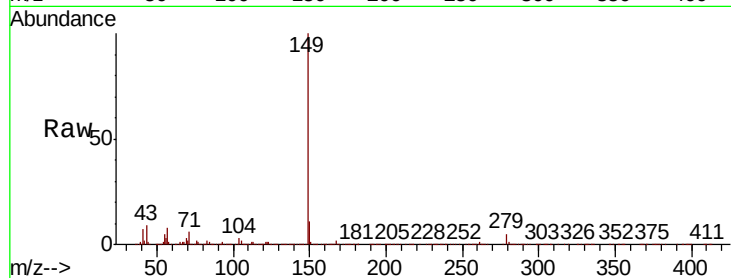
Tot Ion:149 Resp: 2388190

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

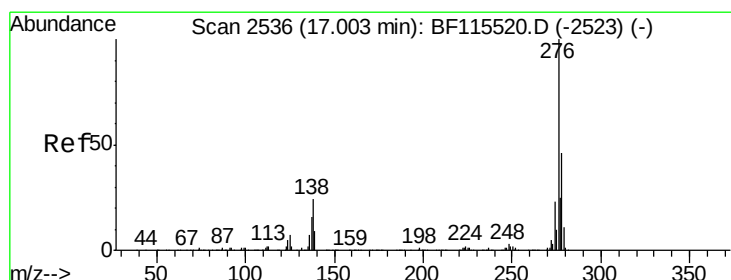
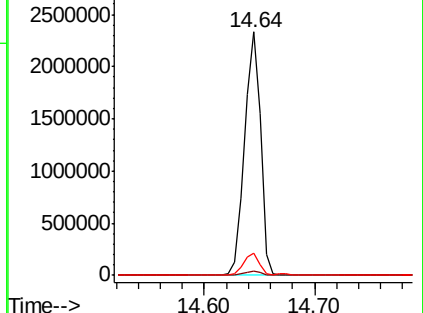
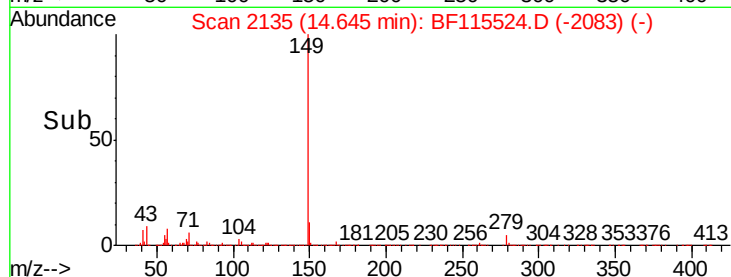
43 9.0 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 111.092 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

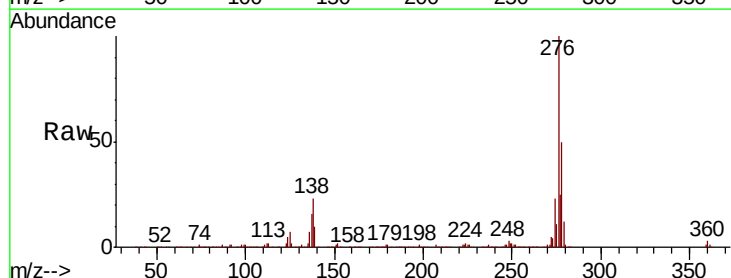
Tgt Ion:276 Resp: 2347544

Ion Ratio Lower Upper

276 100

138 25.2 20.0 30.0

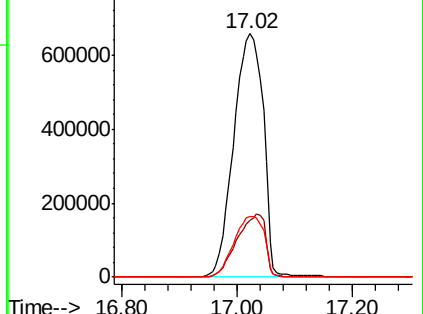
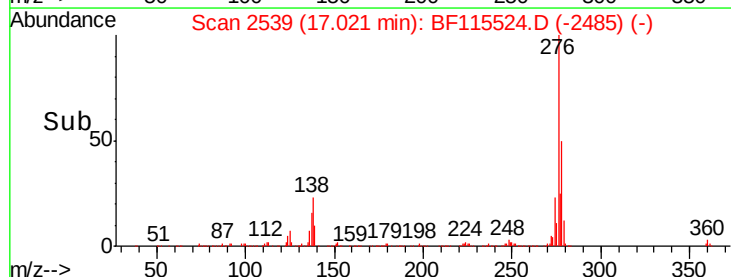
277 25.5 20.1 30.1

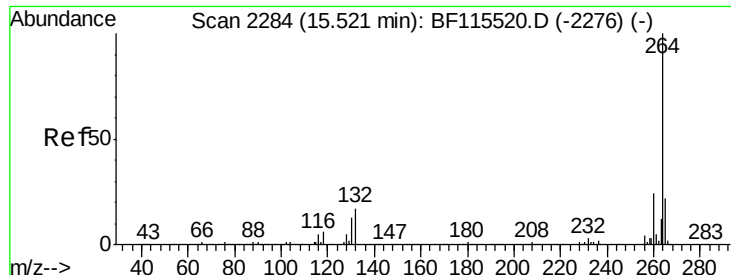


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Instrument :

BNA_F

ClientSampleId :

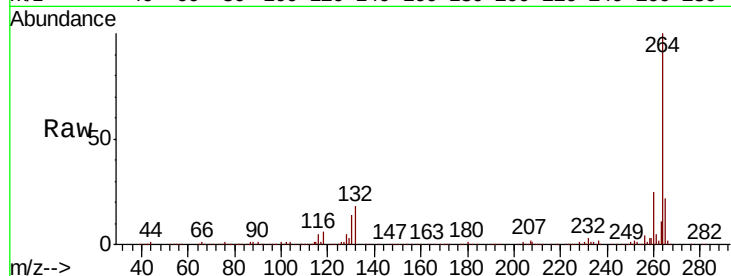
Tot Ion:264 Resp: 379351

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

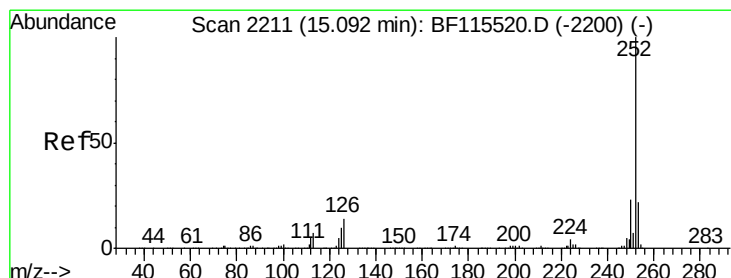
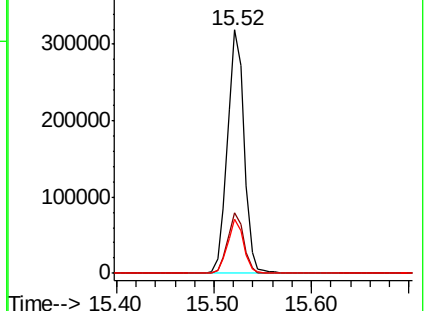
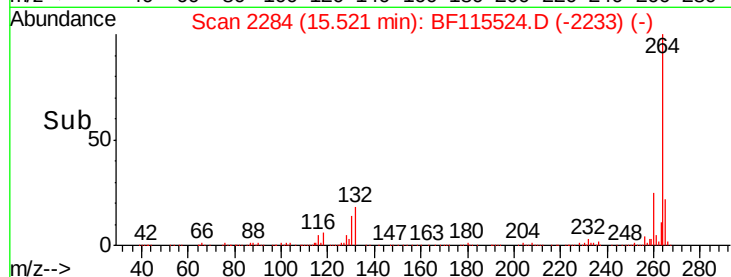
265 22.1 17.2 25.8



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: 92.751 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

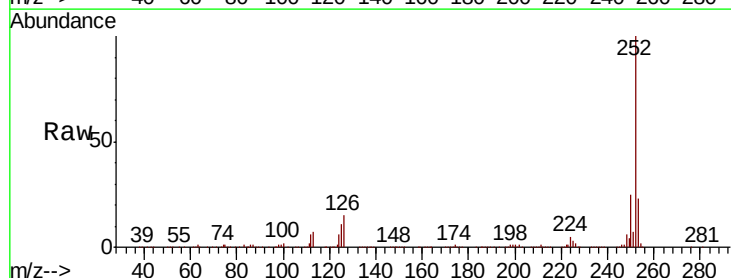
Tgt Ion:252 Resp: 2290874

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

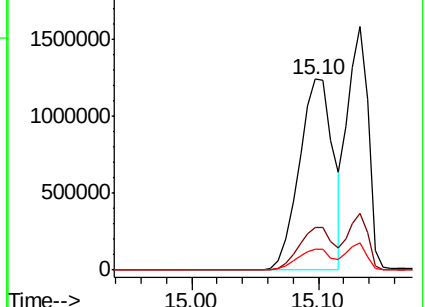
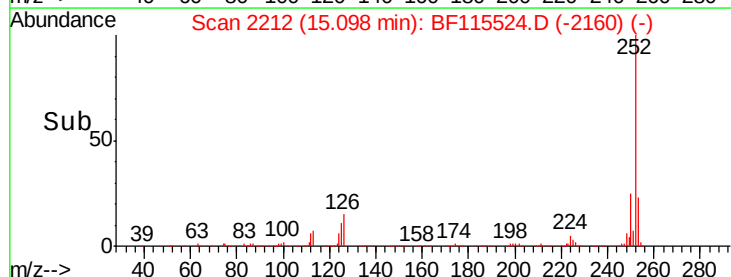
125 11.2 8.3 12.5

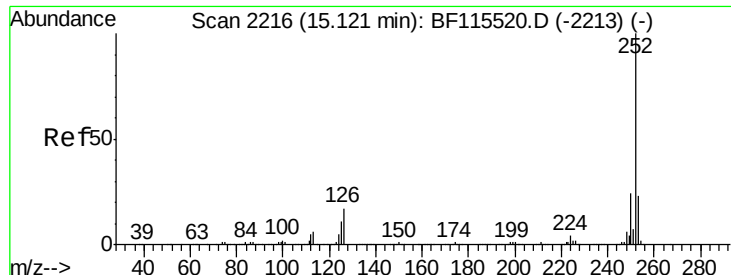


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

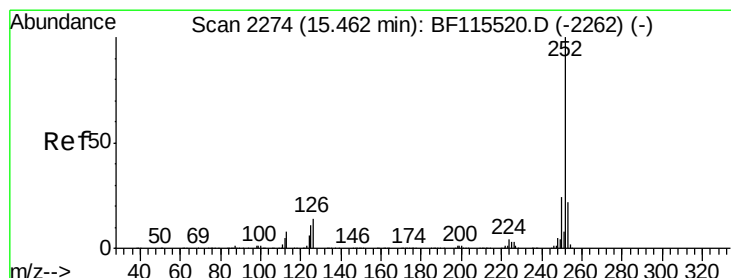
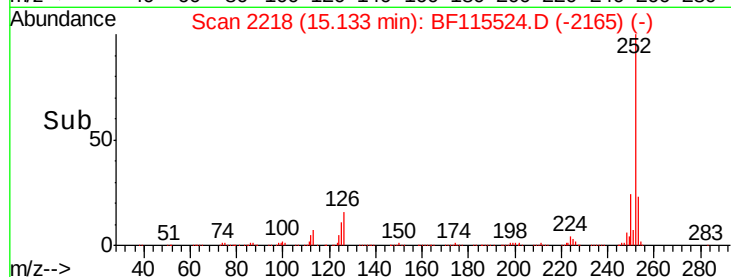
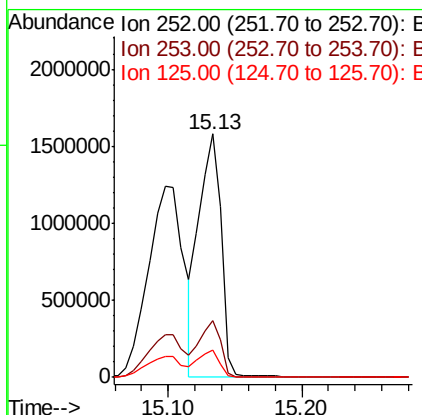
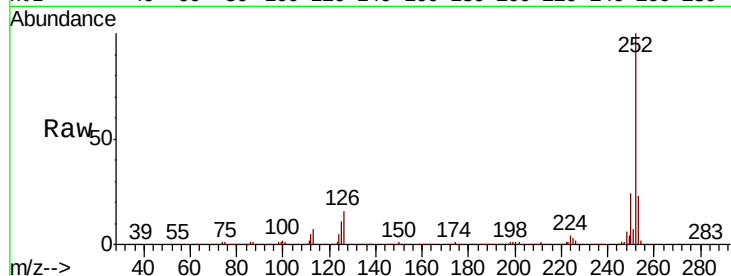




#89
Benzo(k)fluoranthene
Concen: 82.163 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

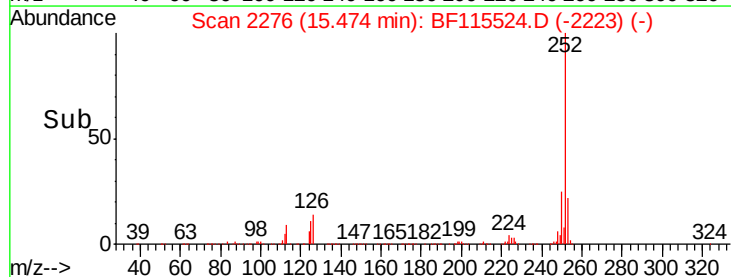
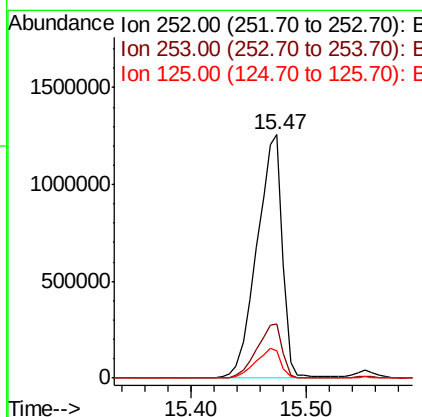
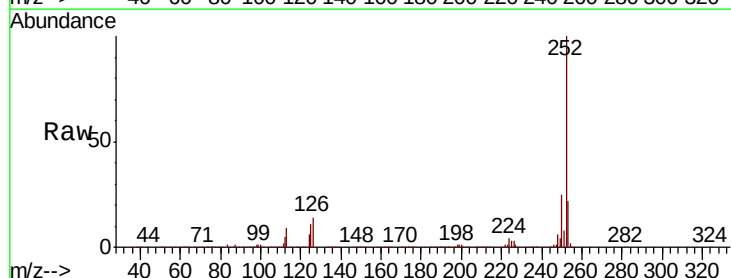
Instrument :
BNA_F
ClientSampleId :

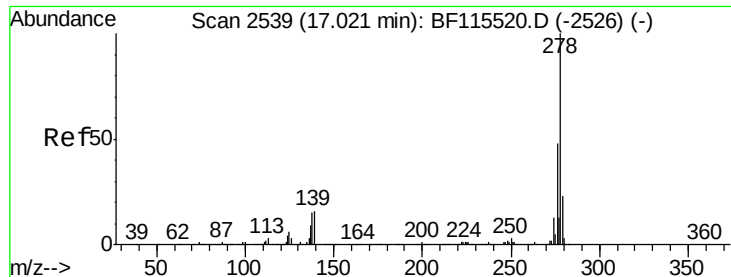
Tot Ion:252 Resp: 1804788
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 11.3 8.7 13.1



#90
Benzo(a)pyrene
Concen: 90.464 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF115524.D
Acq: 12 Jul 2019 12:14

Tgt Ion:252 Resp: 1927178
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 100.673 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.02 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

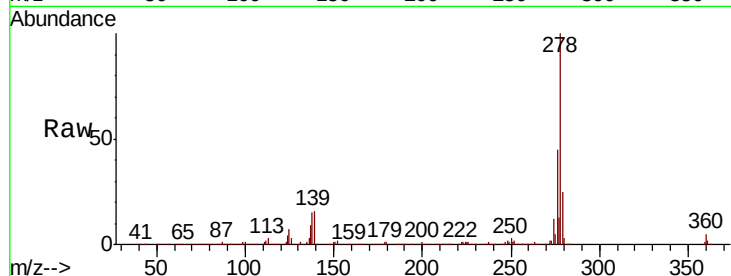
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1832665

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	24.5	18.8	28.2

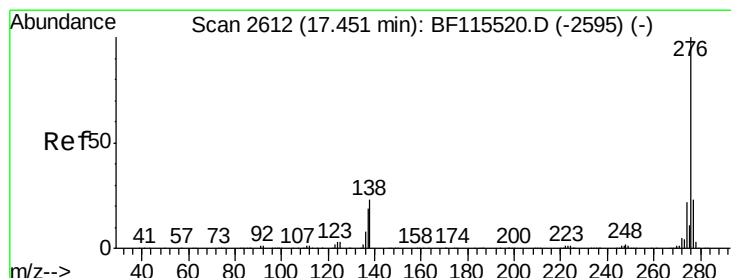
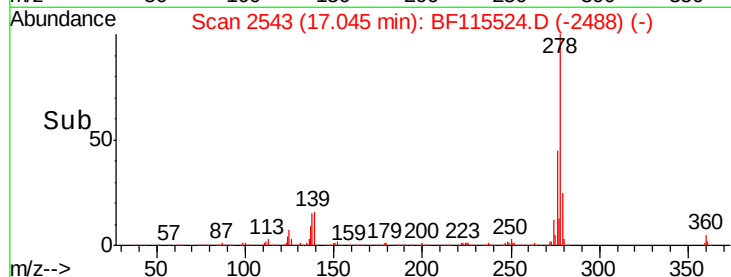
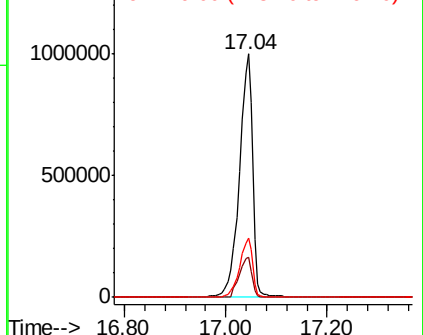


Abundance

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: 113.217 ng

RT: 17.48 min Scan# 2617

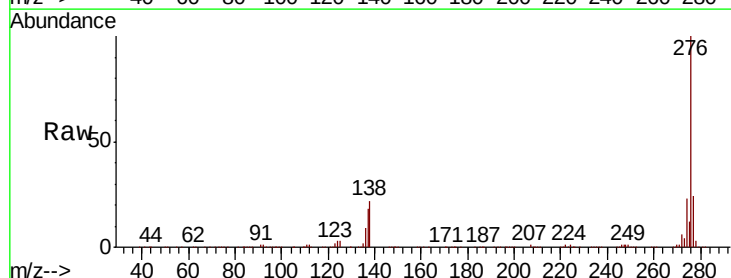
Delta R.T. 0.03 min

Lab File: BF115524.D

Acq: 12 Jul 2019 12:14

Tgt Ion:276 Resp: 1950784

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	21.5	18.0	27.0



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

