

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115079.D
 Acq On : 21 Jun 2019 15:05
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 16:39:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	208914	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	860477	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	423309	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	820877	20.00	ng	0.00
76) Chrysene-d12	13.75	240	596138	20.00	ng	0.00
87) Perylene-d12	15.11	264	697528	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1321586	105.63	ng	0.00
7) Phenol-d6	6.26	99	1609047	106.61	ng	0.00
23) Nitrobenzene-d5	7.18	82	1399827	97.92	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	447375	98.69	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2448831	98.05	ng	0.00
79) Terphenyl-d14	12.71	244	2617907	82.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	313776	53.578	ng	99
3) Pyridine	2.86	79	887856	53.848	ng	99
4) n-Nitrosodimethylamine	2.81	42	347171	59.307	ng	99
6) Aniline	6.28	93	1118206	55.324	ng	100
8) 2-Chlorophenol	6.40	128	755727	53.270	ng	98
9) Benzaldehyde	6.16	77	526137	60.639	ng	99
10) Phenol	6.27	94	924277	54.737	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	704940	53.788	ng	98
12) 1,3-Dichlorobenzene	6.56	146	830903	50.143	ng	99
13) 1,4-Dichlorobenzene	6.64	146	836449	50.209	ng	99
14) 1,2-Dichlorobenzene	6.79	146	779780	49.718	ng	99
15) Benzyl Alcohol	6.77	79	593308	52.469	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1015790	57.909	ng	99
17) 2-Methylphenol	6.88	107	617450	52.180	ng	98
18) Hexachloroethane	7.14	117	304704	50.647	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	512889	55.933	ng	97
20) 3+4-Methylphenols	7.04	107	701932	49.842	ng	89
22) Acetophenone	7.04	105	956259	49.093	ng	99
24) Nitrobenzene	7.20	77	775596	53.324	ng	97
25) Isophorone	7.45	82	1409494	52.643	ng	99
26) 2-Nitrophenol	7.52	139	391184	48.252	ng	98
27) 2,4-Dimethylphenol	7.57	122	612730	52.391	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	895039	52.104	ng	99
29) 2,4-Dichlorophenol	7.76	162	640238	51.820	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	708219	49.609	ng	99
31) Naphthalene	7.92	128	2077428	51.026	ng	99
32) Benzoic acid	7.70	122	414902	49.031	ng	100
33) 4-Chloroaniline	7.97	127	957284	50.938	ng	98
34) Hexachlorobutadiene	8.05	225	387388	48.819	ng	99
35) Caprolactam	8.35	113	213962	51.995	ng	94
36) 4-Chloro-3-methylphenol	8.46	107	639511	51.363	ng	98
37) 2-Methylnaphthalene	8.61	142	1404822	51.735	ng	99
38) 1-Methylnaphthalene	8.71	142	1340235	52.221	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	589044	47.100	ng	100

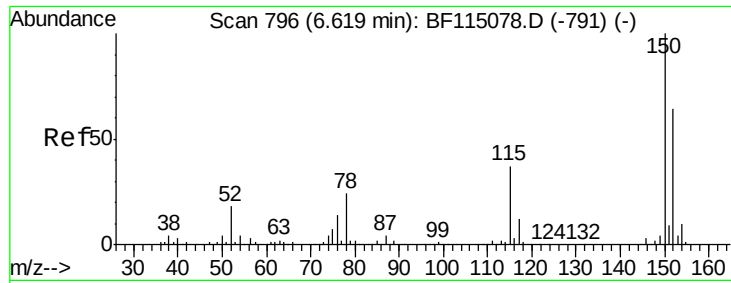
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115079.D
 Acq On : 21 Jun 2019 15:05
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	358525	58.178	nq	98
43) 2,4,6-Trichlorophenol	8.89	196	462791	49.545	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	478844	50.726	nq	98
46) 1,1'-Biphenyl	9.08	154	1593141	46.965	nq	98
47) 2-Chloronaphthalene	9.10	162	1347116	49.110	nq	98
48) 2-Nitroaniline	9.20	65	408619	50.398	nq	90
49) Acenaphthylene	9.51	152	2101350	49.824	nq	99
50) Dimethylphthalate	9.39	163	1514873	47.586	nq	100
51) 2,6-Dinitrotoluene	9.44	165	365175	50.569	nq	89
52) Acenaphthene	9.68	154	1314787	54.489	nq	99
53) 3-Nitroaniline	9.61	138	445683	50.373	nq	97
54) 2,4-Dinitrophenol	9.70	184	166525	47.543	nq	# 90
55) Dibenzofuran	9.85	168	1827996	50.266	nq	97
56) 4-Nitrophenol	9.76	139	352560	57.785	nq	98
57) 2,4-Dinitrotoluene	9.84	165	477399	51.941	nq	90
58) Fluorene	10.20	166	1259964	47.370	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	399203	52.354	nq	100
60) Diethylphthalate	10.08	149	1554635	51.074	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	597625	45.519	nq	98
62) 4-Nitroaniline	10.22	138	441342	49.613	nq	98
63) Azobenzene	10.35	77	1438949	54.036	nq	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	220716	47.973	nq	84
66) n-Nitrosodiphenylamine	10.31	169	1259567	51.333	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	448651	50.903	nq	98
68) Hexachlorobenzene	10.74	284	480903	49.560	nq	96
69) Atrazine	10.84	200	410100	51.837	nq	99
70) Pentachlorophenol	10.93	266	316951	60.146	nq	100
71) Phenanthrene	11.15	178	2097000	49.477	nq	100
72) Anthracene	11.20	178	2102033	49.162	nq	99
73) Carbazole	11.35	167	1934878	51.845	nq	99
74) Di-n-butylphthalate	11.71	149	2243806	47.691	nq	99
75) Fluoranthene	12.33	202	2145992	49.517	nq	98
77) Benzidine	12.45	184	1321310	54.798	nq	98
78) Pyrene	12.55	202	2223607	40.945	nq	99
80) Butylbenzylphthalate	13.19	149	996978	39.304	nq	91
81) Benzo(a)anthracene	13.74	228	2092438	46.905	nq	99
82) 3,3'-Dichlorobenzidine	13.71	252	766662	44.826	nq	98
83) Chrysene	13.78	228	1894152	42.699	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1293738	43.154	nq	100
85) Di-n-octyl phthalate	14.37	149	2212980	42.866	nq	100
86) Indeno(1,2,3-cd)pyrene	16.40	276	2216629	56.885	nq	100
88) Benzo(b)fluoranthene	14.74	252	2132779	45.996	nq	99
89) Benzo(k)fluoranthene	14.77	252	1873190	46.024	nq	99
90) Benzo(a)pyrene	15.07	252	1929530	48.224	nq	98
91) Dibenzo(a,h)anthracene	16.42	278	1764444	51.206	nq	99
92) Benzo(g,h,i)perylene	16.79	276	1784312	50.775	nq	99

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

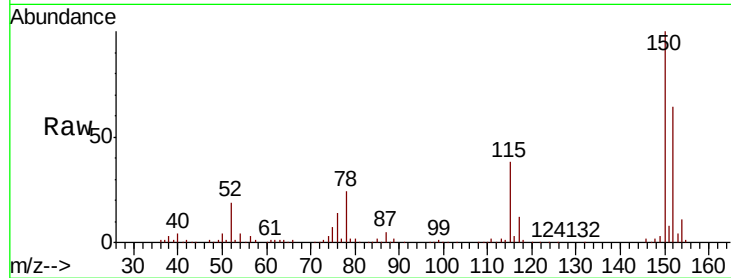


#1

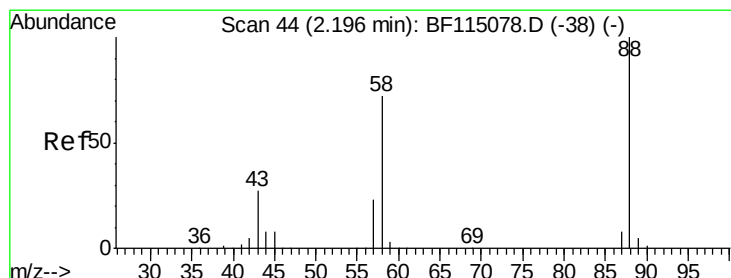
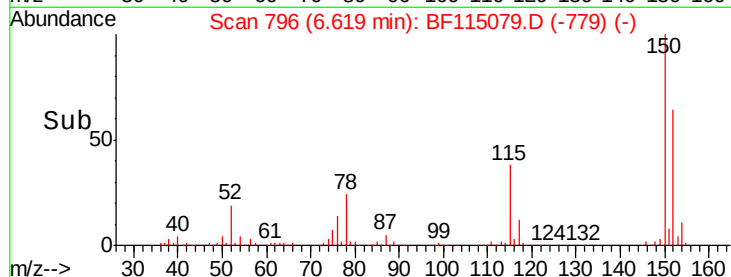
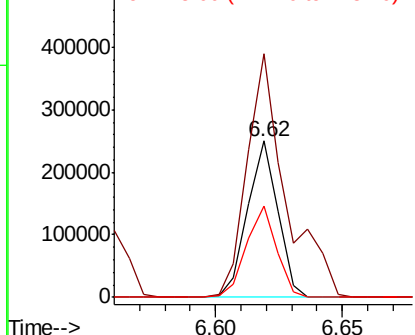
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 208914
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 58.7 46.1 69.1



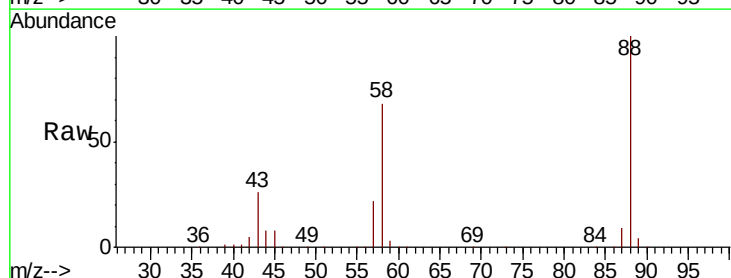
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



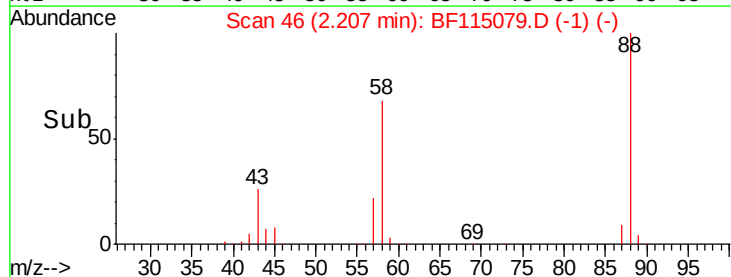
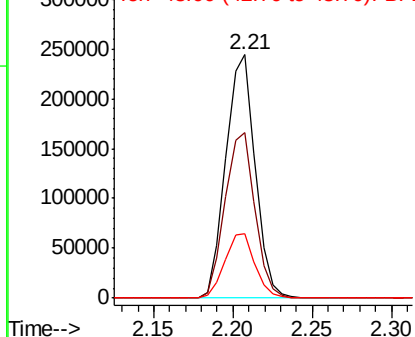
#2

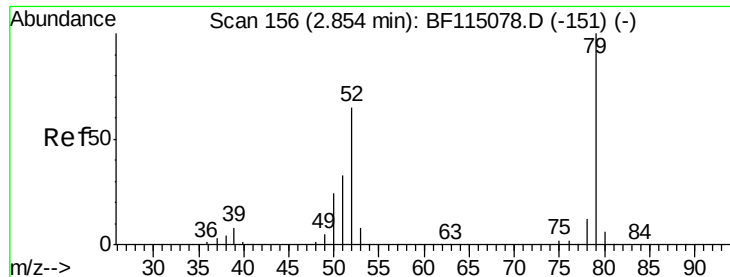
1,4-Dioxane
Concen: 53.578 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion: 88 Resp: 313776
Ion Ratio Lower Upper
88 100
58 69.2 56.1 84.1
43 27.2 21.3 31.9



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: 53.848 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

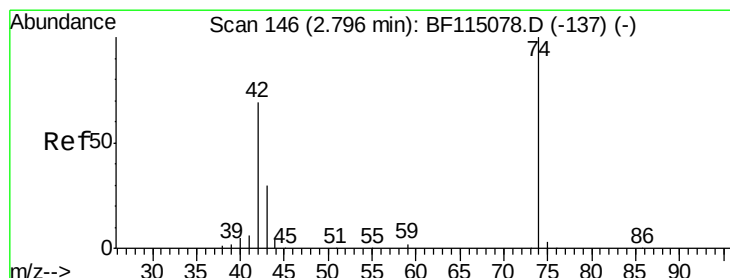
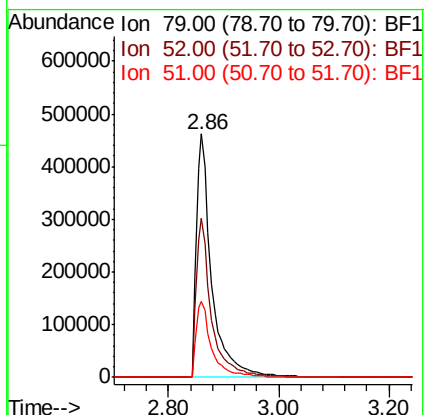
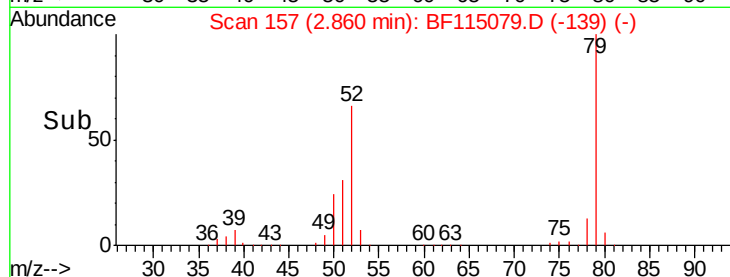
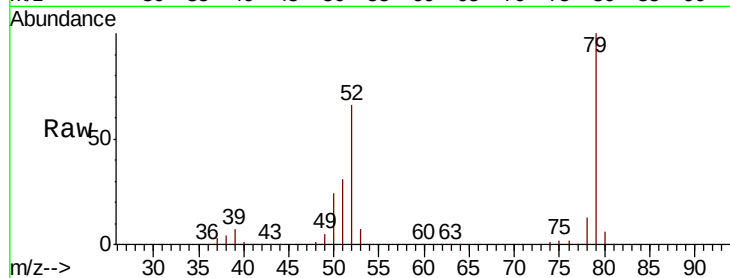
Tot Ion: 79 Resp: 887856

Ion Ratio Lower Upper

79 100

52 65.5 52.3 78.5

51 31.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 59.307 ng

RT: 2.81 min Scan# 149

Delta R.T. 0.02 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

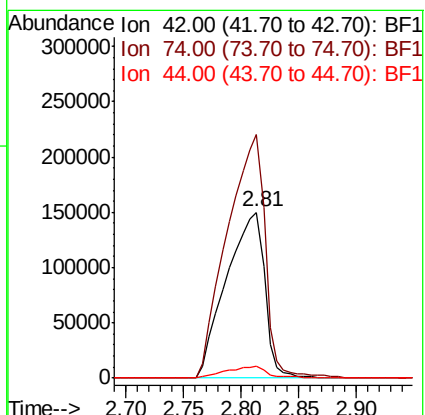
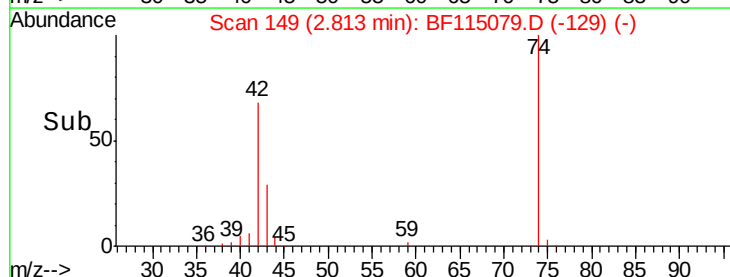
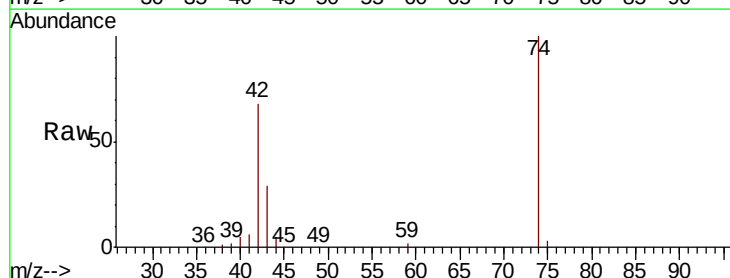
Tgt Ion: 42 Resp: 347171

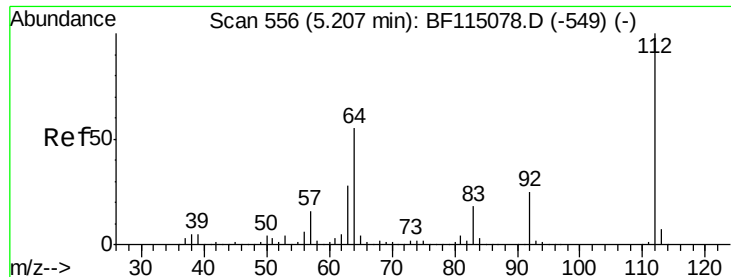
Ion Ratio Lower Upper

42 100

74 146.9 116.6 175.0

44 6.9 5.3 7.9





#5

2-Fluorophenol

Concen: 105.630 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

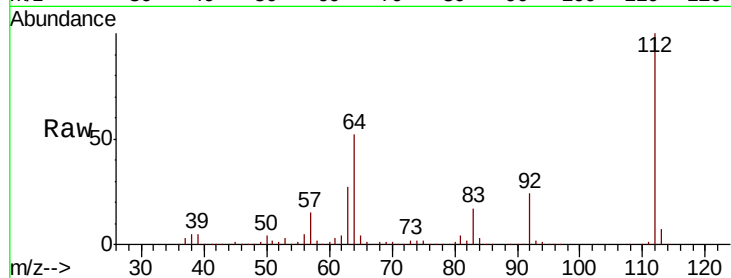
Tot Ion: 112 Resp: 1321586

Ion Ratio Lower Upper

112 100

64 51.6 43.8 65.6

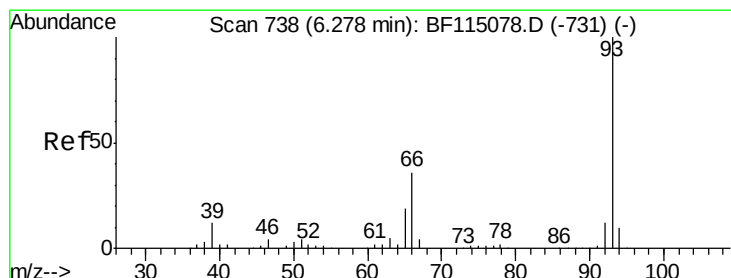
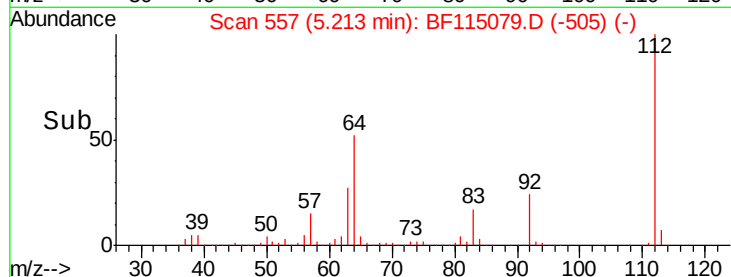
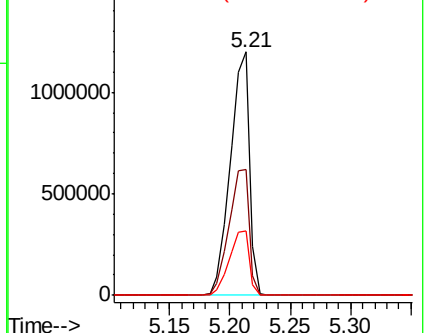
63 26.5 22.2 33.4



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: 55.324 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

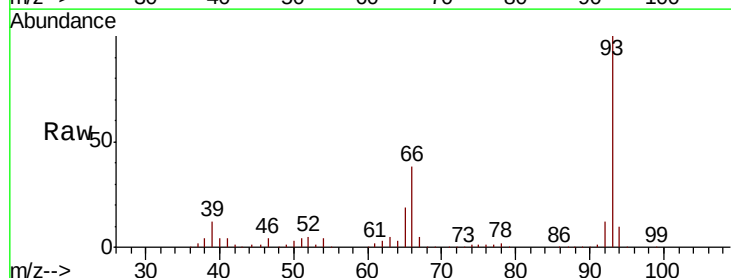
Tgt Ion: 93 Resp: 1118206

Ion Ratio Lower Upper

93 100

66 37.7 30.0 45.0

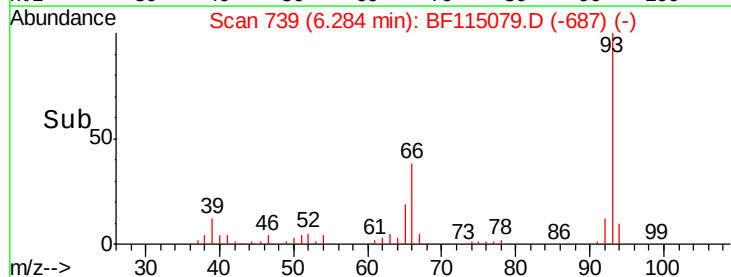
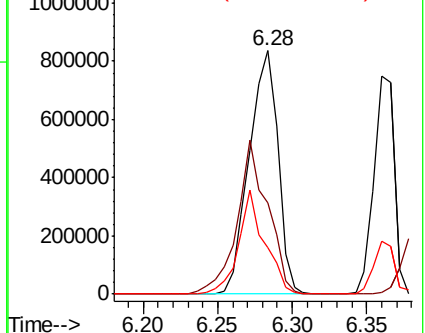
65 19.4 15.6 23.4

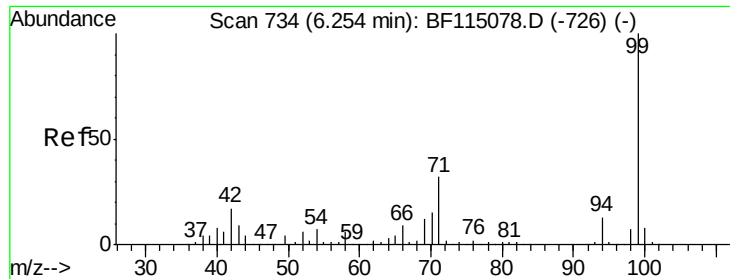


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.614 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

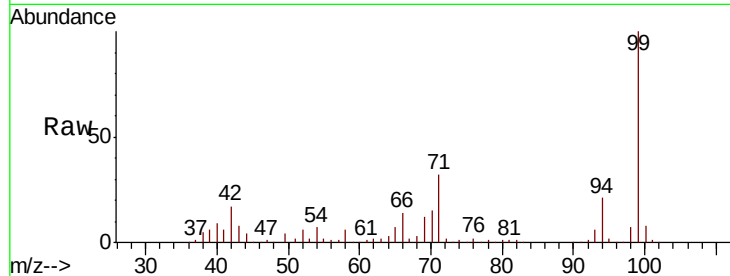
Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1609047

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.6	25.5	38.3

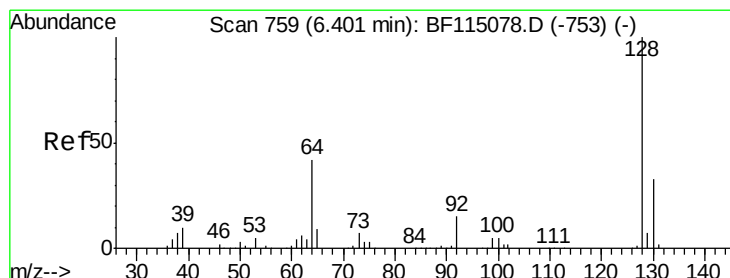
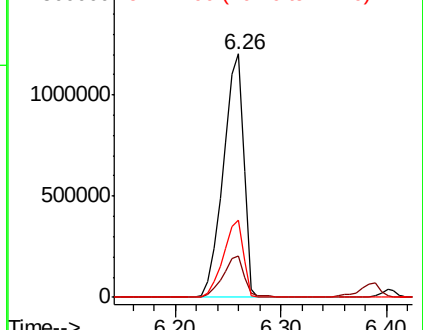
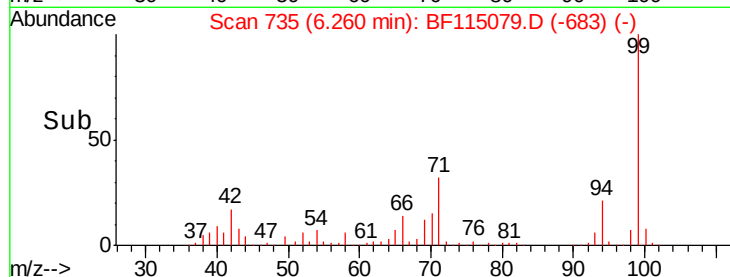


Abundance

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: 53.270 ng

RT: 6.40 min Scan# 759

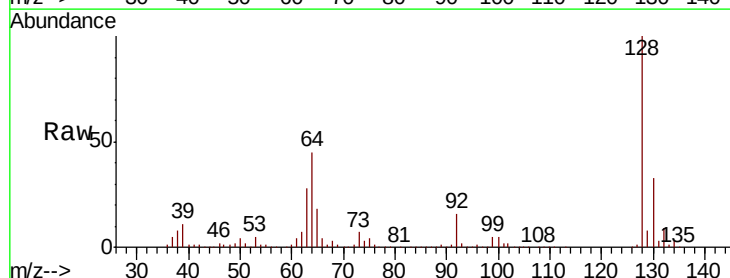
Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion: 128 Resp: 755727

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	45.1	22.9	62.9

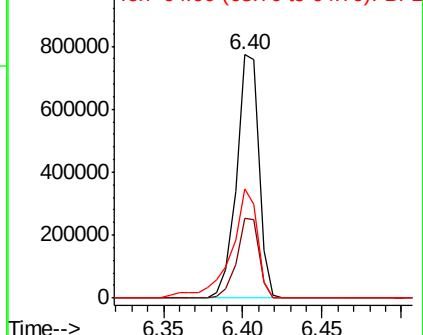
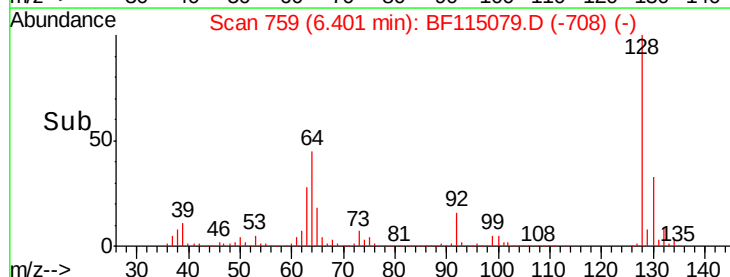


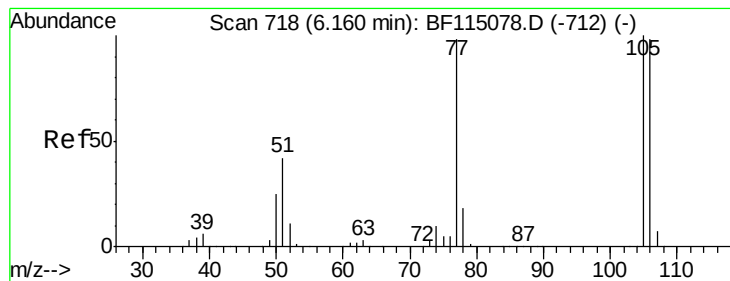
Abundance

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: 60.639 ng

RT: 6.16 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

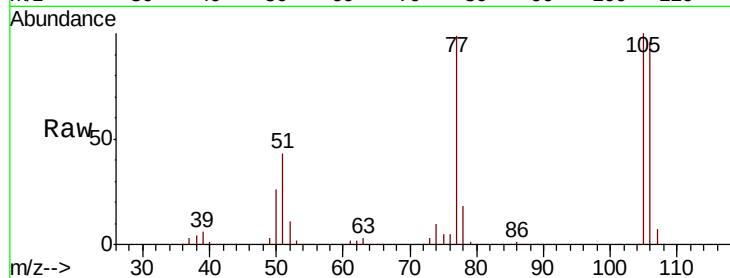
Tot Ion: 77 Resp: 526137

Ion Ratio Lower Upper

77 100

105 101.5 81.5 121.5

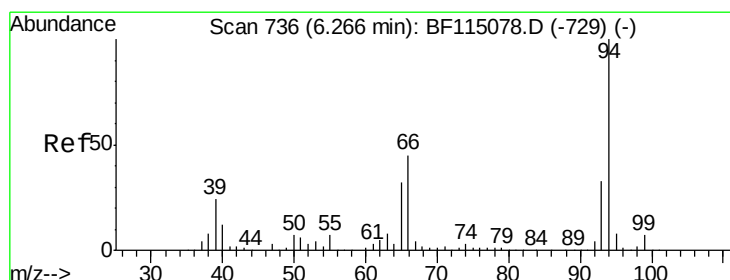
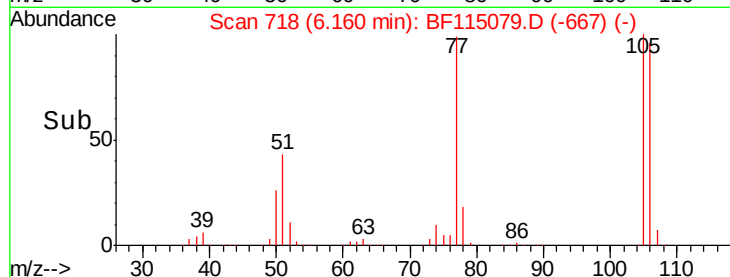
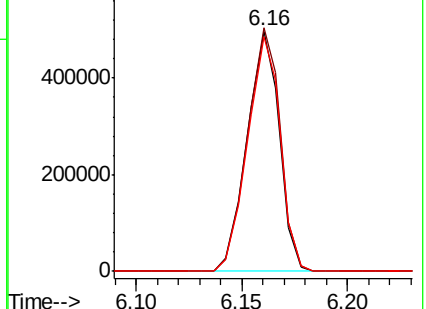
106 97.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 54.737 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

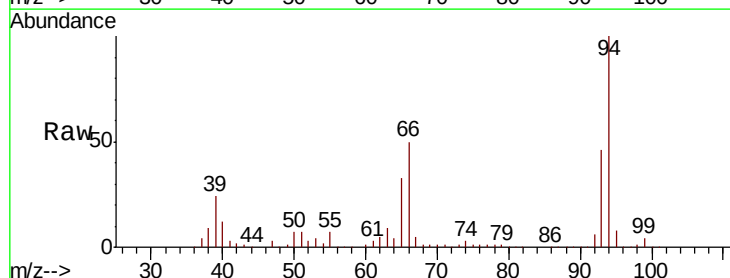
Tgt Ion: 94 Resp: 924277

Ion Ratio Lower Upper

94 100

65 33.5 11.9 51.9

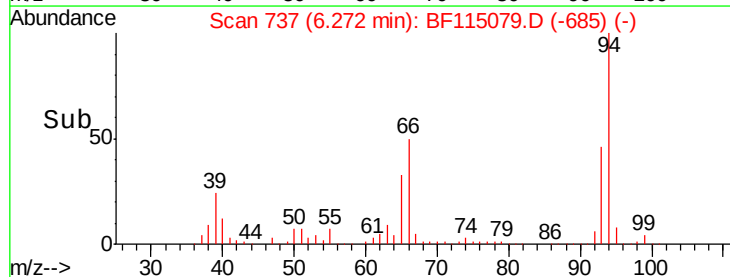
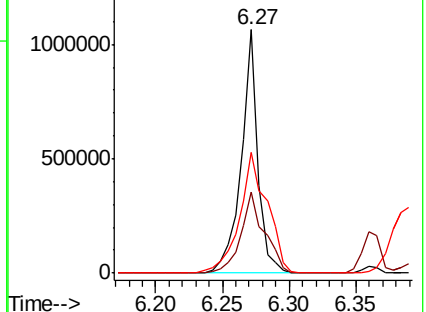
66 49.5 25.2 65.2

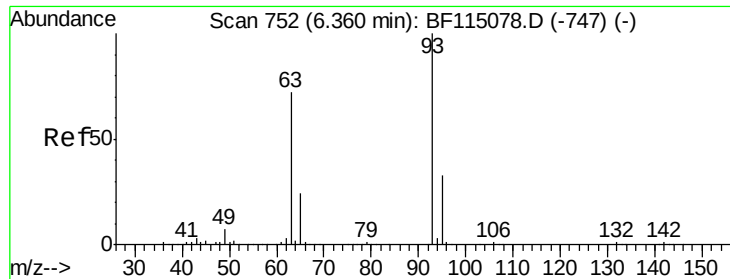


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

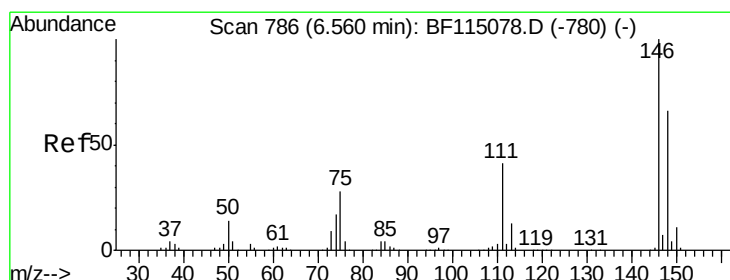
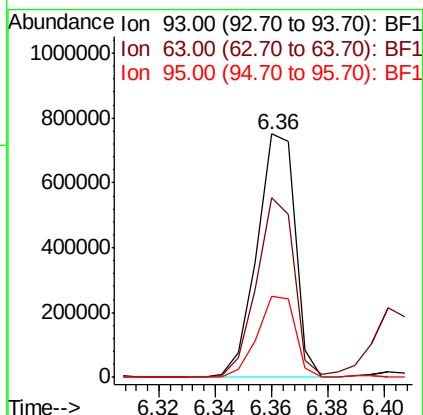
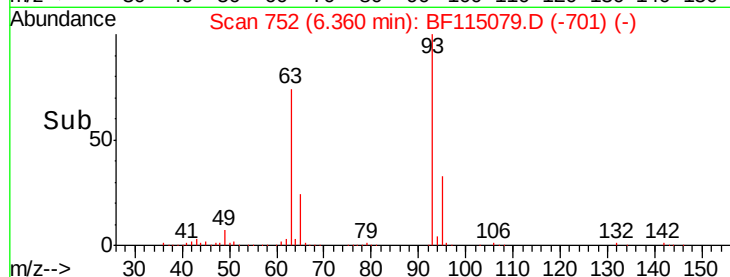
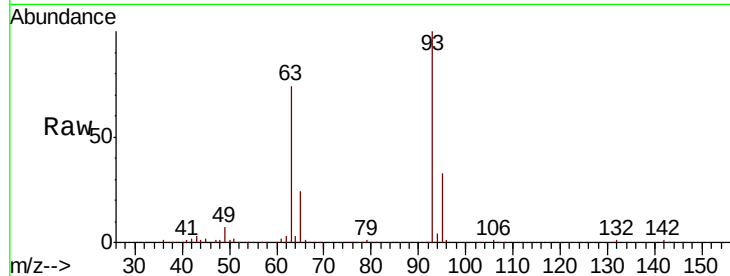




#11
bis(2-Chloroethyl)ether
Concen: 53.788 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

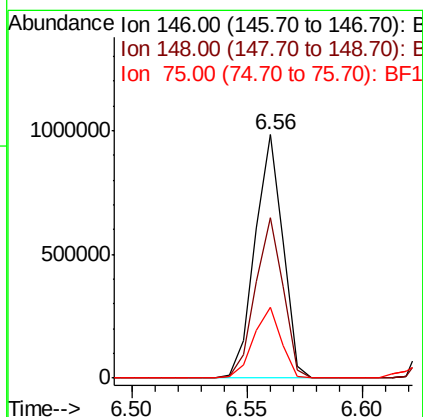
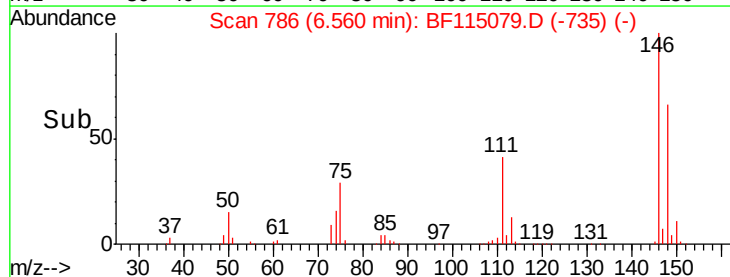
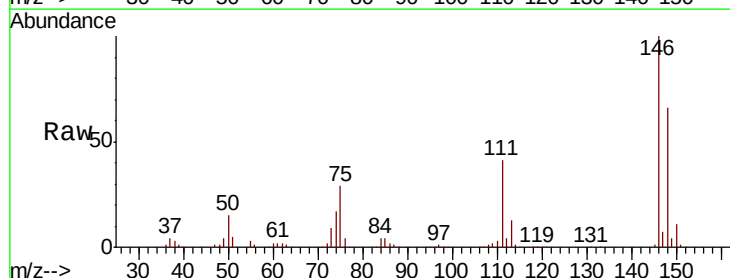
Instrument :
BNA_F
ClientSampleId :

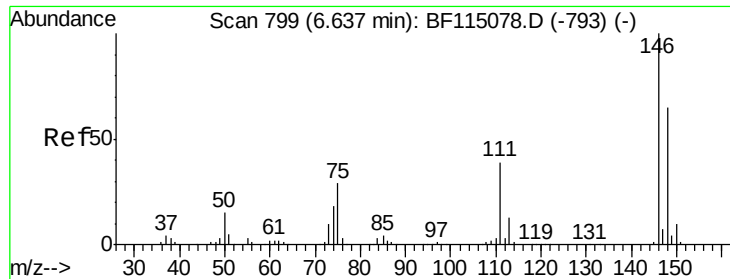
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	51.5	91.5
95	33.2	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 50.143 ng
RT: 6.56 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.6	78.8
75	29.3	22.6	34.0

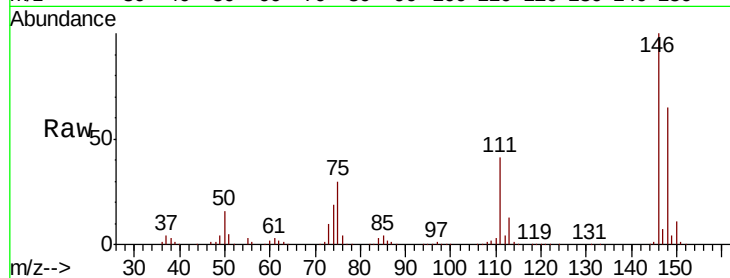




#13
 1,4-Dichlorobenzene
 Concen: 50.209 ng
 RT: 6.64 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	40.5	31.4	47.0

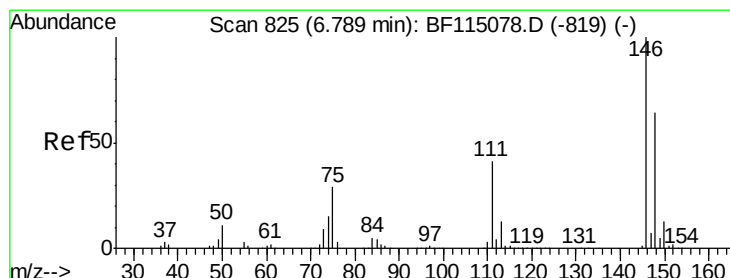
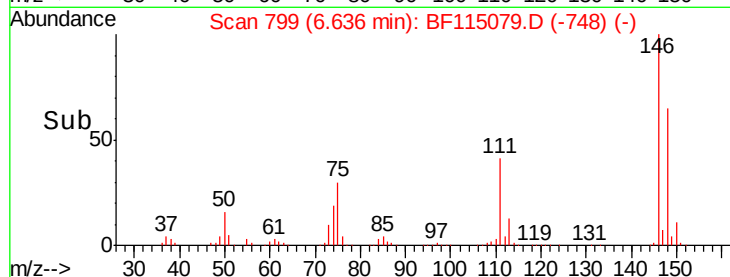
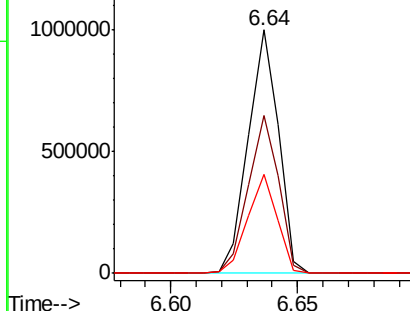


Abundance

Ion 146.00 (145.70 to 146.70): E

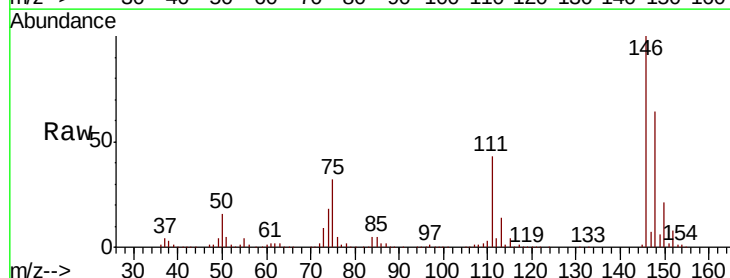
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 49.718 ng
 RT: 6.79 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.9	33.2	49.8

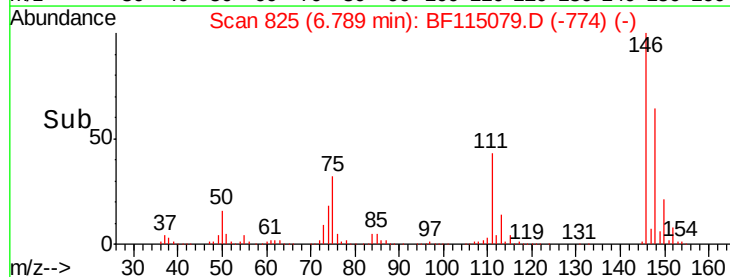
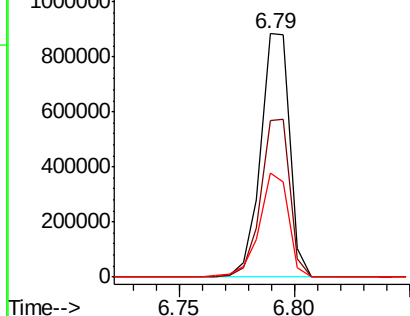


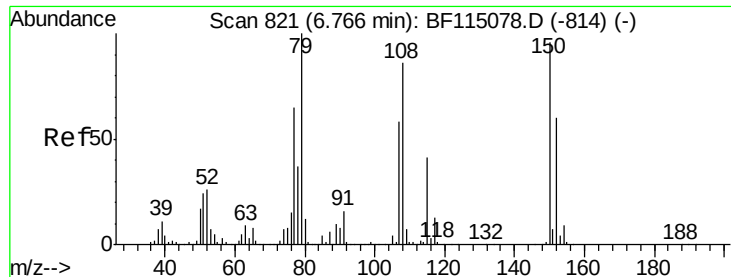
Abundance

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: 52.469 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

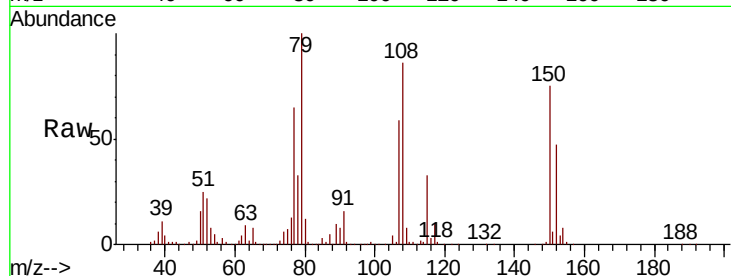
Tot Ion: 79 Resp: 593308

Ion Ratio Lower Upper

79 100

108 85.8 68.7 103.1

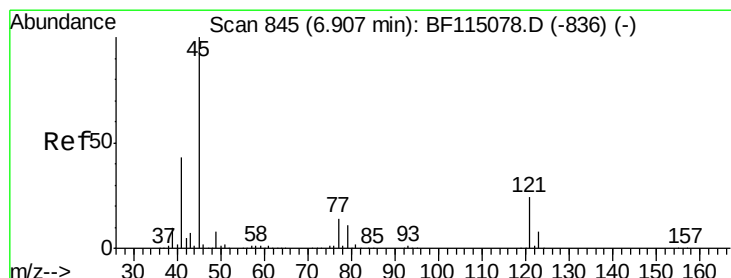
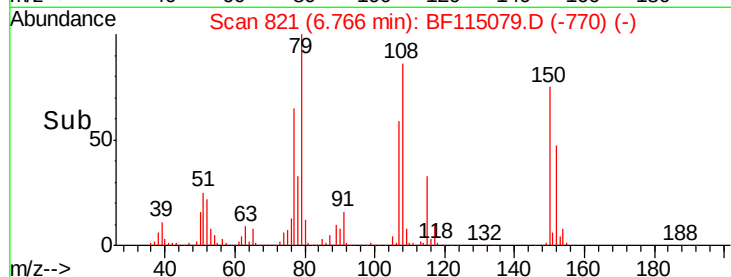
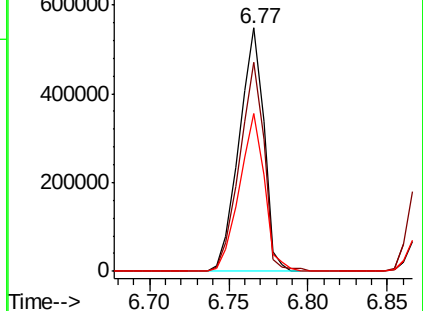
77 64.6 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.909 ng

RT: 6.91 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

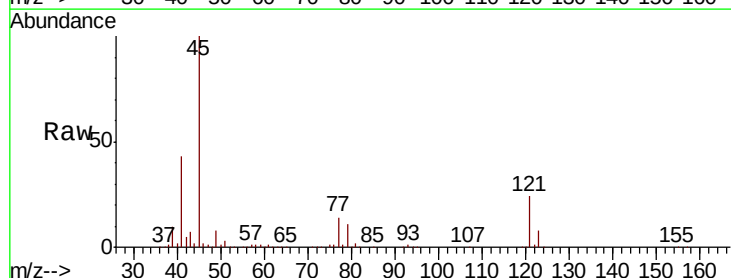
Tgt Ion: 45 Resp: 1015790

Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

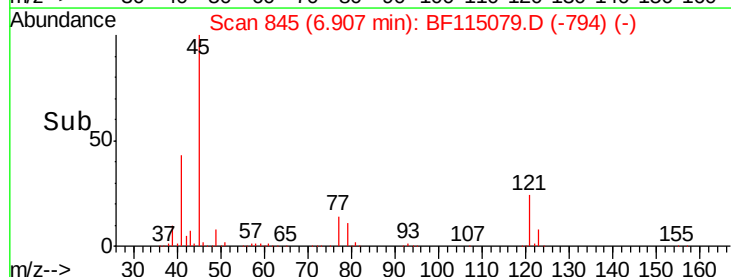
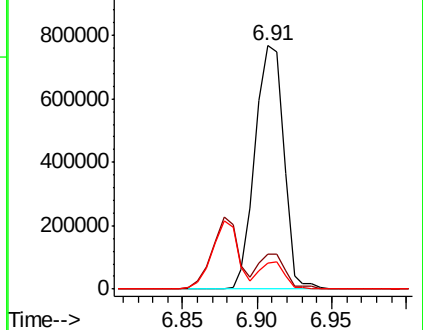
79 10.9 0.0 31.2

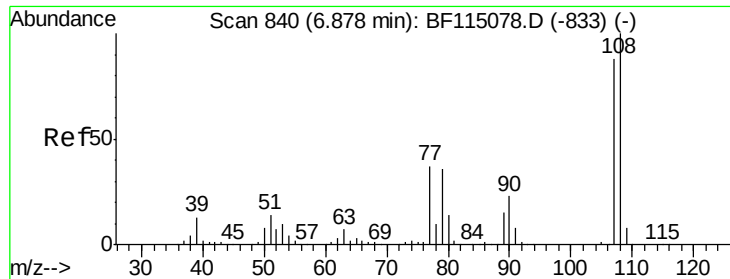


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 52.180 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 617450

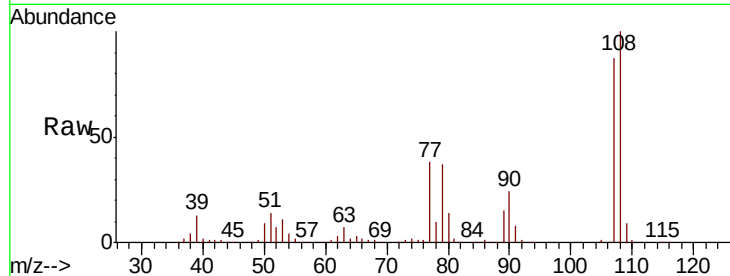
Ion Ratio Lower Upper

107 100

108 115.4 90.9 136.3

77 44.1 33.4 50.2

79 42.2 32.3 48.5

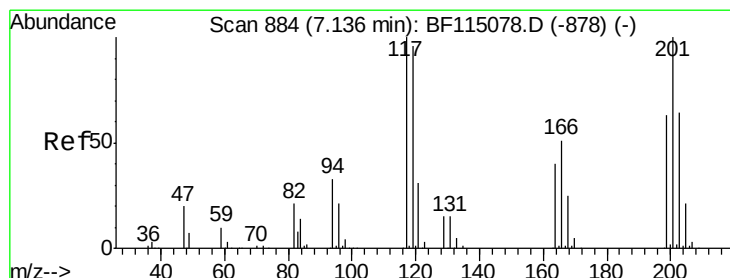
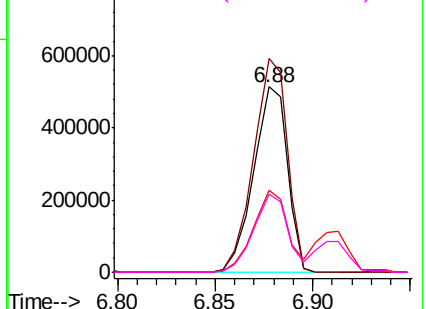
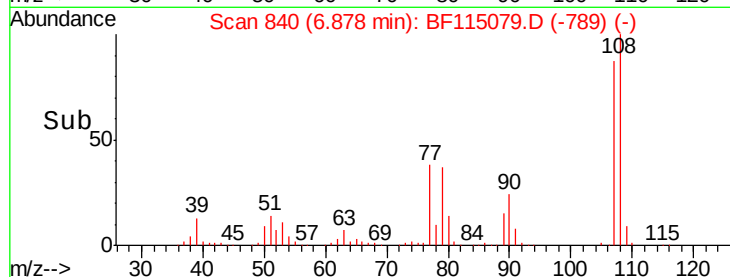


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 50.647 ng

RT: 7.14 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

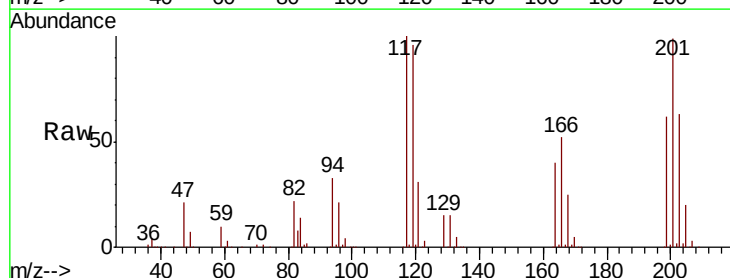
Tgt Ion:117 Resp: 304704

Ion Ratio Lower Upper

117 100

119 95.5 76.6 114.8

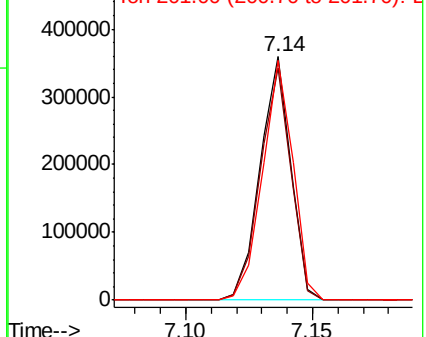
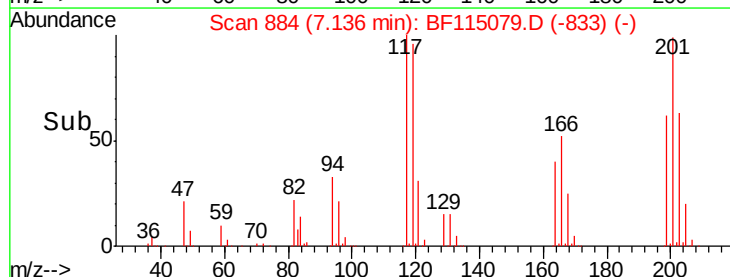
201 98.6 80.2 120.2

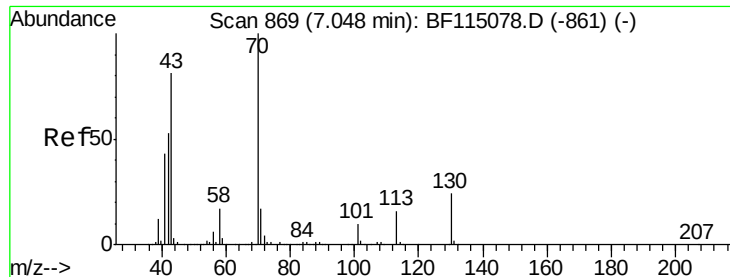


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

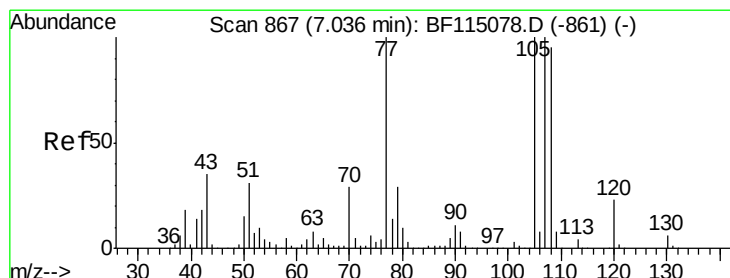
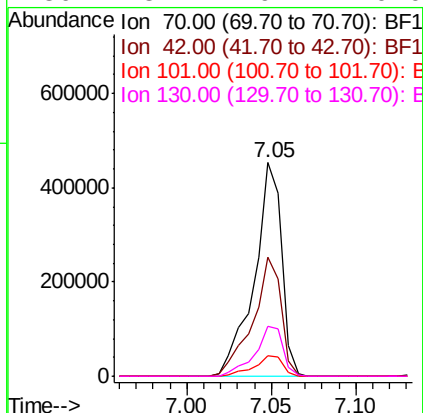
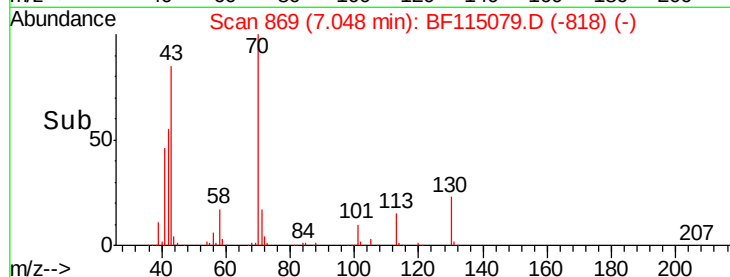
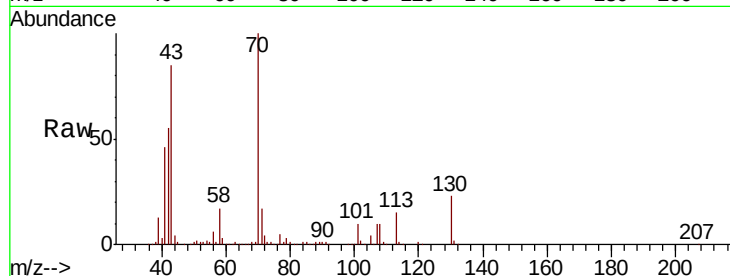




#19
n-Nitroso-di-n-propylamine
Concen: 55.933 ng
RT: 7.05 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

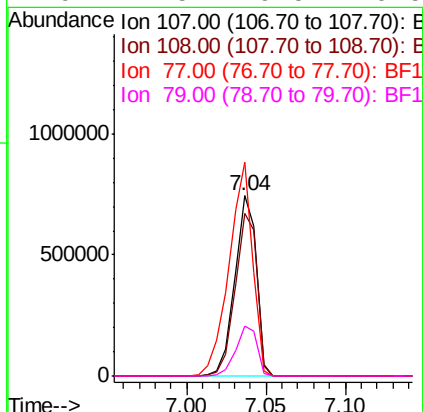
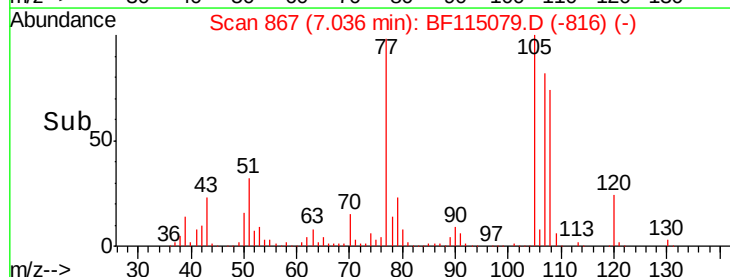
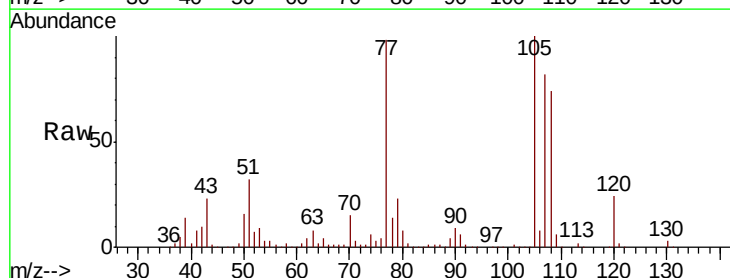
Instrument :
BNA_F
ClientSampleId :

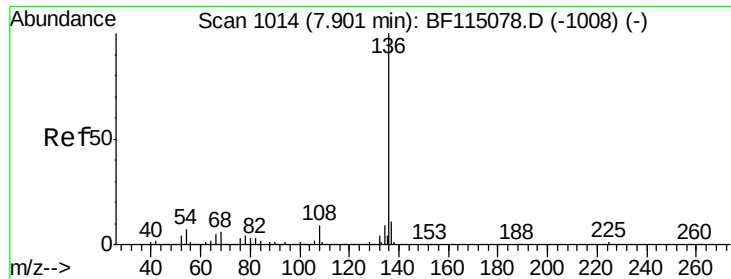
Tot Ion:	70	Resp:	512889
Ion	Ratio	Lower	Upper
70	100		
42	55.5	42.6	63.8
101	9.9	8.0	12.0
130	23.1	19.4	29.0



#20
3+4-Methylphenols
Concen: 49.842 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:	107	Resp:	701932
Ion	Ratio	Lower	Upper
107	100		
108	90.3	75.5	115.5
77	118.7	80.2	120.2
79	27.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 860477

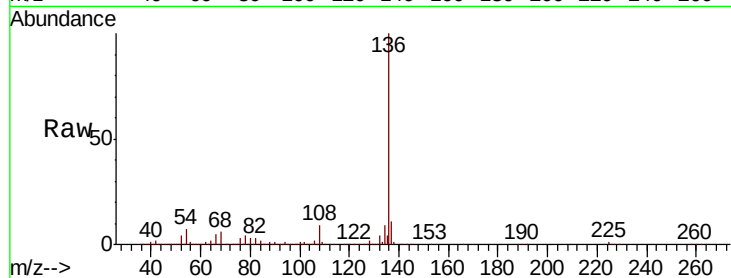
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 5.6 8.4

68 6.2 4.8 7.2

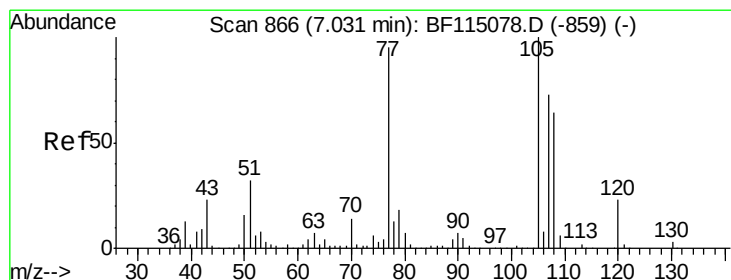
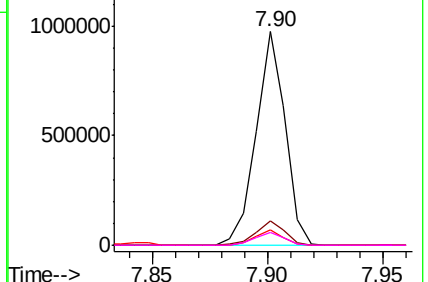
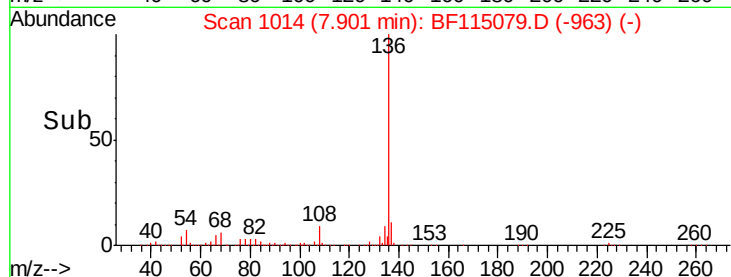


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.093 ng

RT: 7.04 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:105 Resp: 956259

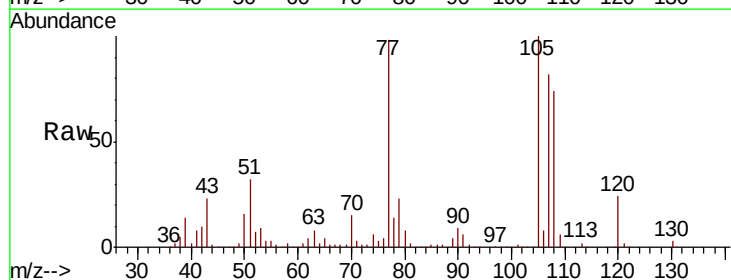
Ion Ratio Lower Upper

105 100

71 2.6 1.9 2.9

51 32.4 25.8 38.8

120 23.6 18.5 27.7

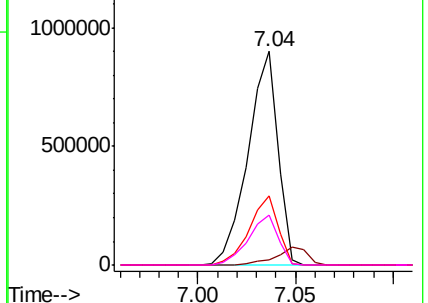
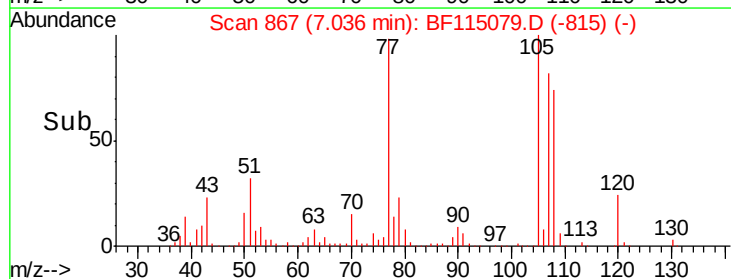


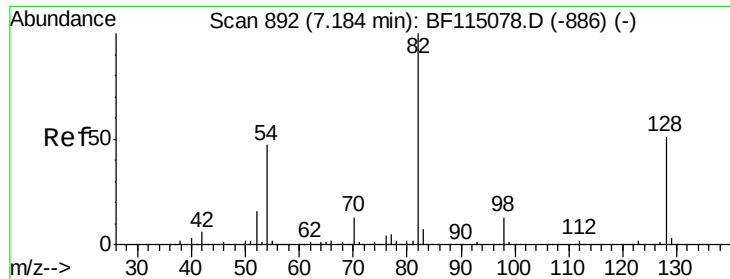
Abundance Ion 105.00 (104.70 to 105.70): E

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

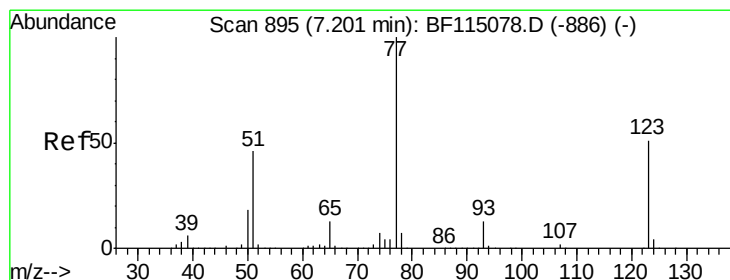
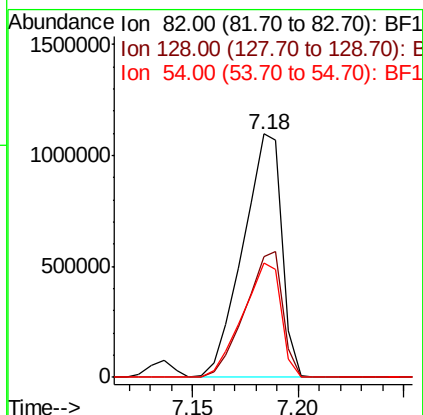
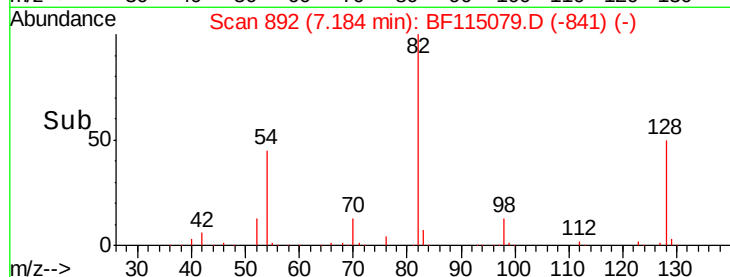
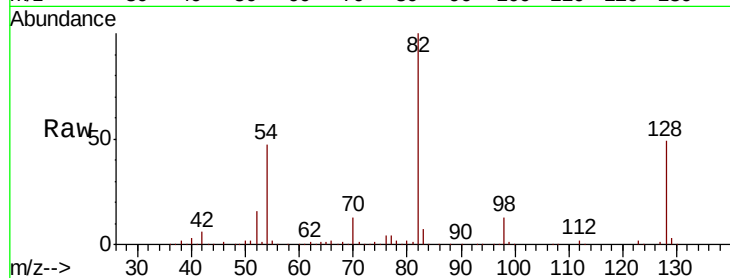




#23
Nitrobenzene-d5
Concen: 97.921 ng
RT: 7.18 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

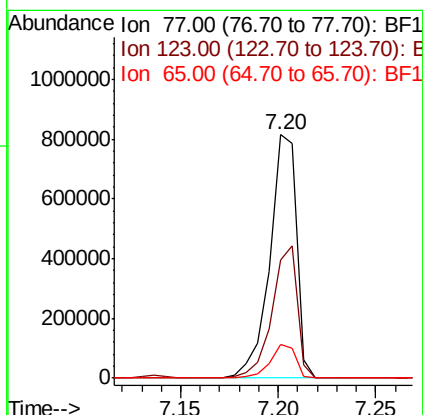
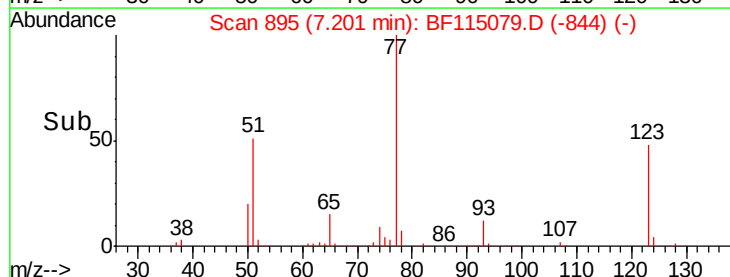
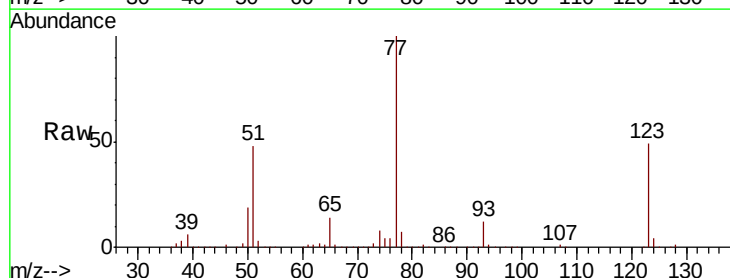
Instrument :
BNA_F
ClientSampled :

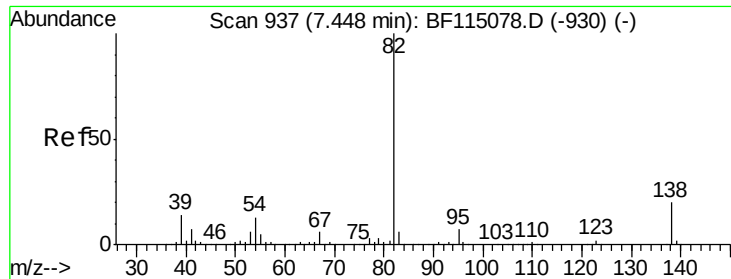
Tot Ion: 82 Resp: 1399827
Ion Ratio Lower Upper
82 100
128 49.4 40.4 60.6
54 46.9 37.5 56.3



#24
Nitrobenzene
Concen: 53.324 ng
RT: 7.20 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion: 77 Resp: 775596
Ion Ratio Lower Upper
77 100
123 48.7 41.0 61.6
65 13.6 10.5 15.7

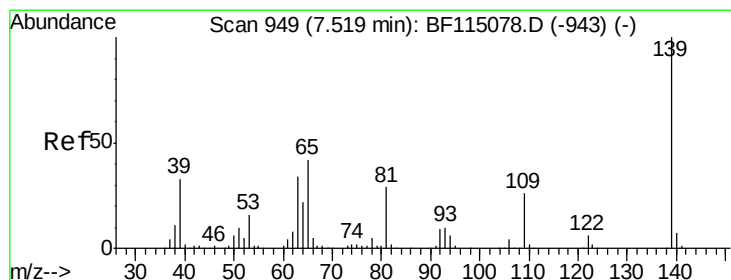
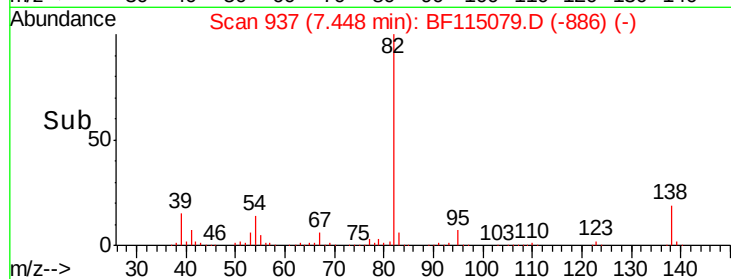
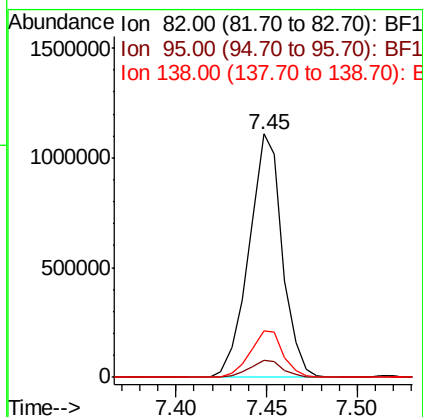
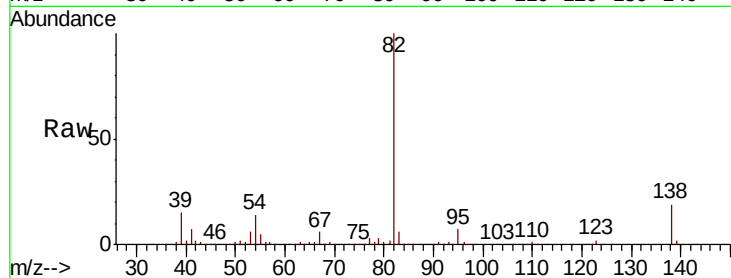




#25
Isophorone
Concen: 52.643 ng
RT: 7.45 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

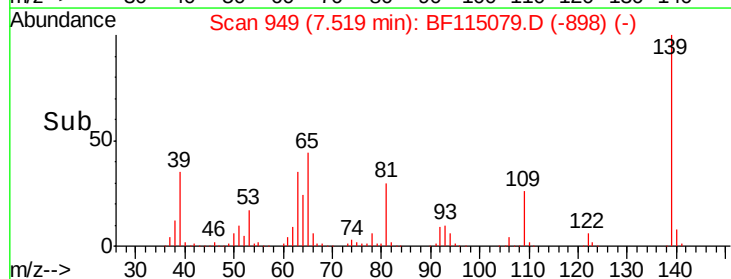
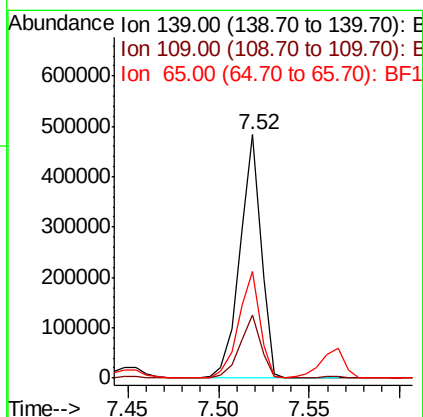
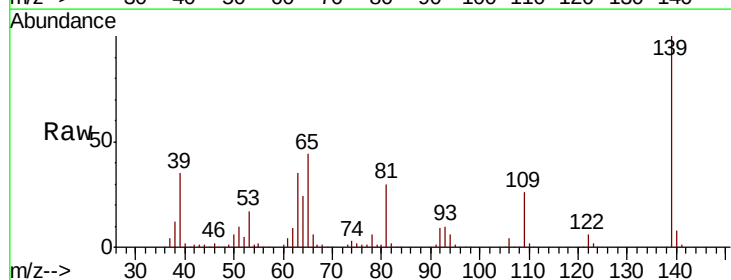
Instrument :
BNA_F
ClientSampled :

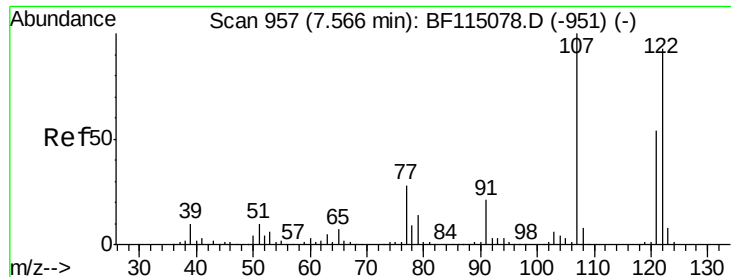
Tot Ion: 82 Resp: 1409494
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.1 15.9 23.9



#26
2-Nitrophenol
Concen: 48.252 ng
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion: 139 Resp: 391184
Ion Ratio Lower Upper
139 100
109 26.1 20.4 30.6
65 43.7 33.6 50.4

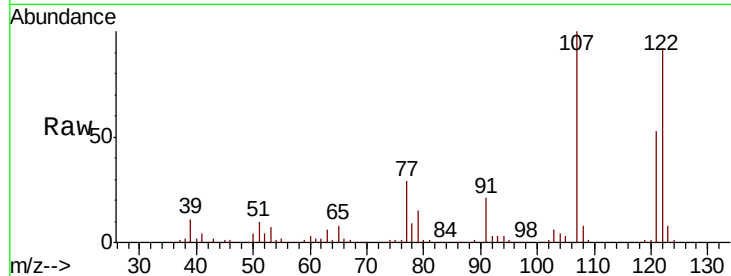




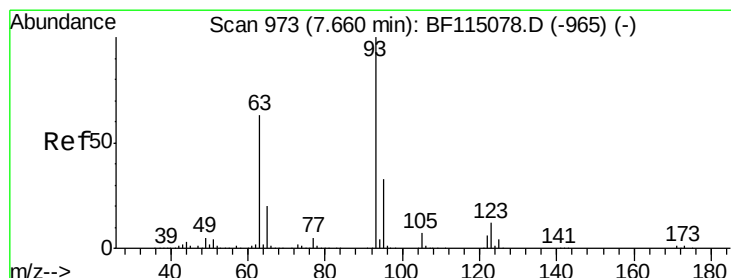
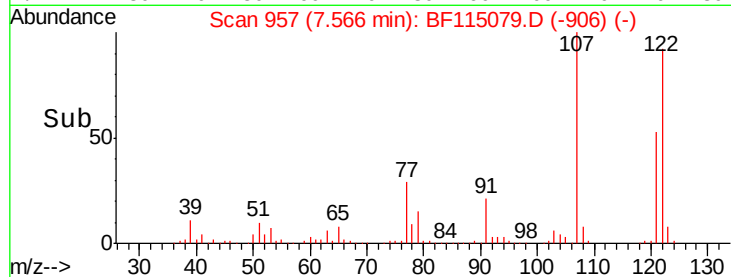
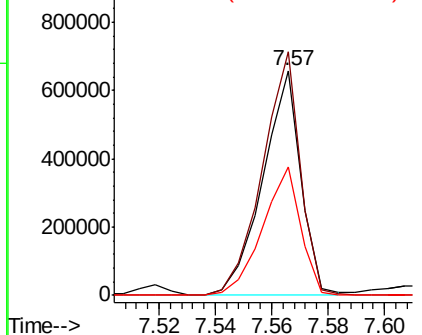
#27
2,4-Dimethylphenol
Concen: 52.391 ng
RT: 7.57 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 612730
Ion Ratio Lower Upper
122 100
107 108.3 85.8 128.6
121 57.3 46.3 69.5

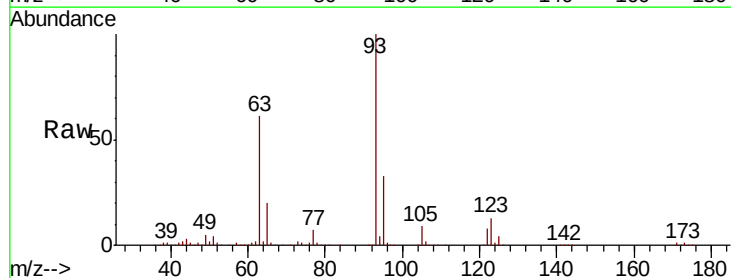


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

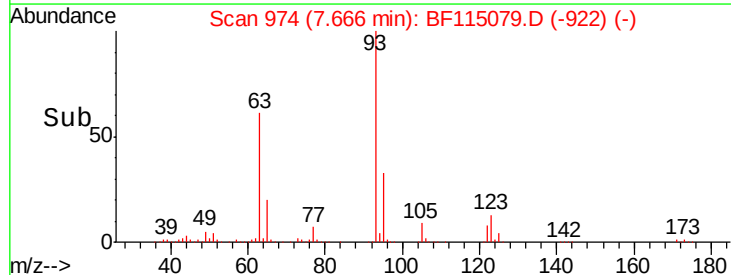
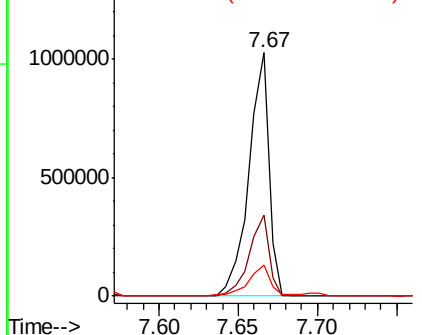


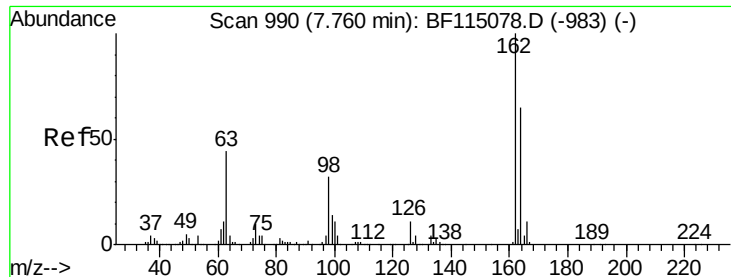
#28
bis(2-Chloroethoxy)methane
Concen: 52.104 ng
RT: 7.67 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion: 93 Resp: 895039
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.9 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

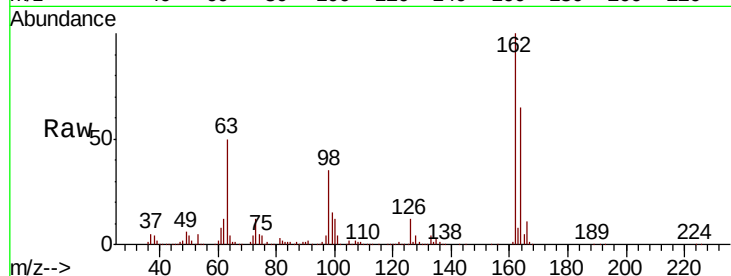




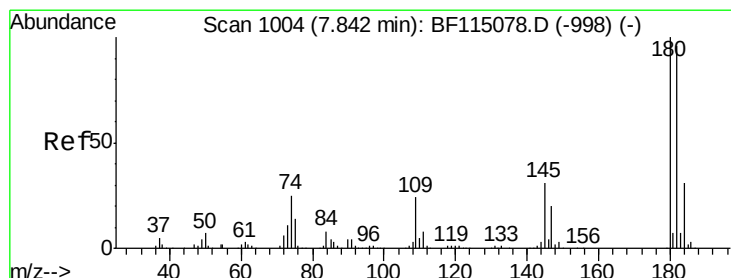
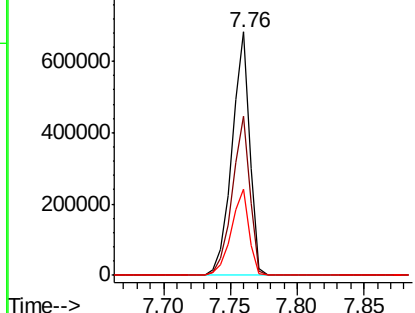
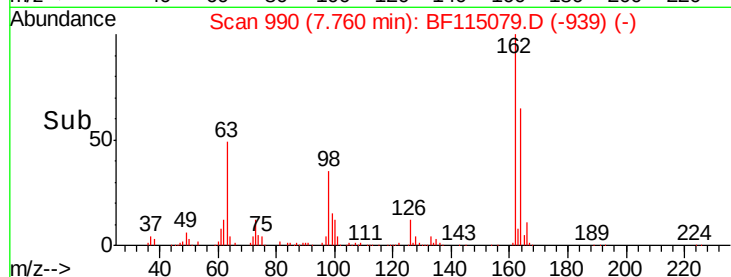
#29
 2,4-Dichlorophenol
 Concen: 51.820 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.3	85.3
98	35.4	12.5	52.5

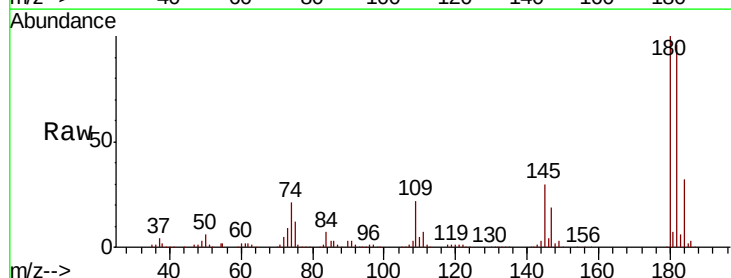


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

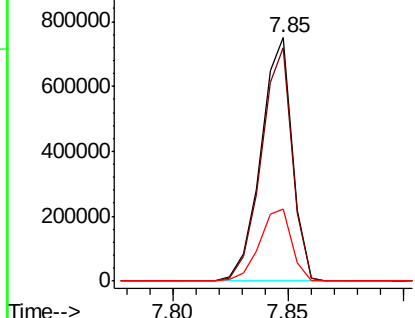
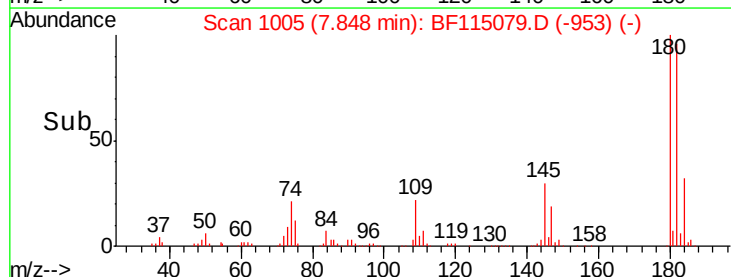


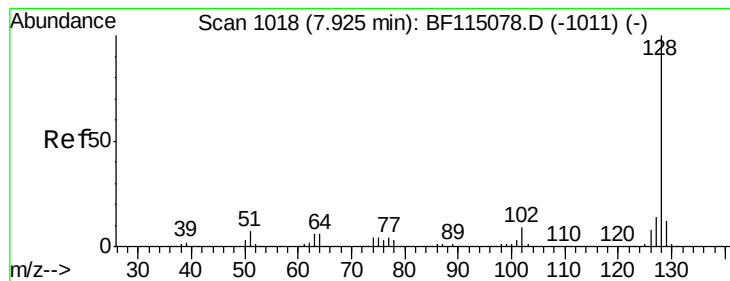
#30
 1,2,4-Trichlorobenzene
 Concen: 49.609 ng
 RT: 7.85 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.7	24.8	37.2



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: 51.026 ng

RT: 7.92 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

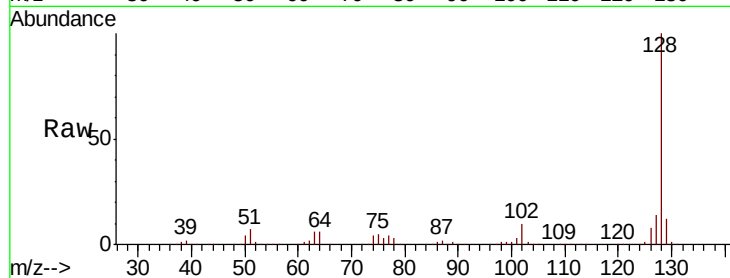
Tot Ion:128 Resp: 2077428

Ion Ratio Lower Upper

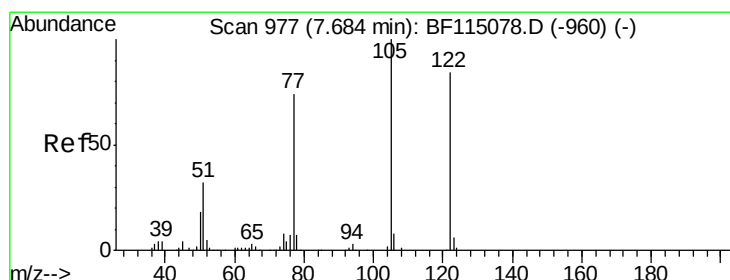
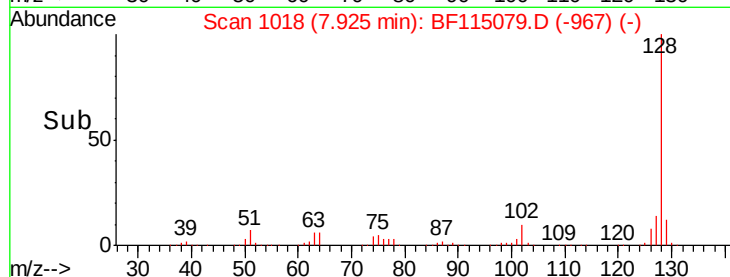
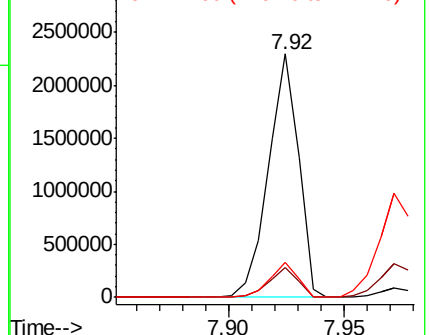
128 100

129 12.3 9.6 14.4

127 14.5 11.4 17.0



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



#32

Benzoic acid

Concen: 49.031 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

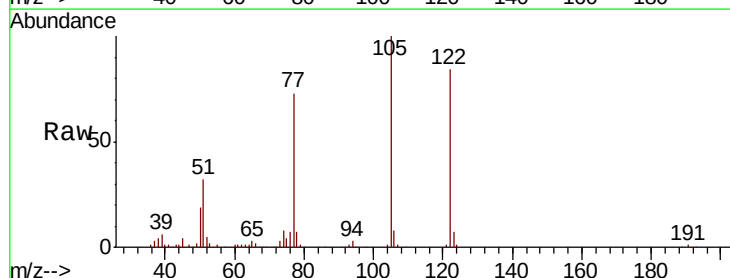
Tgt Ion:122 Resp: 414902

Ion Ratio Lower Upper

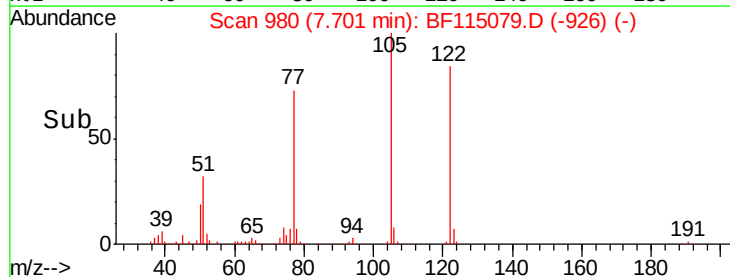
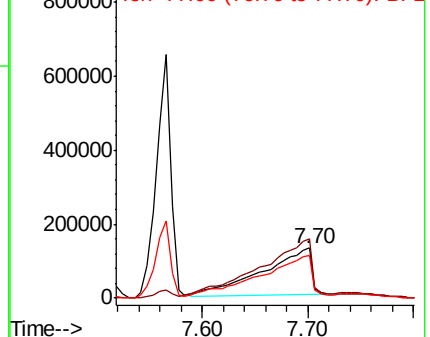
122 100

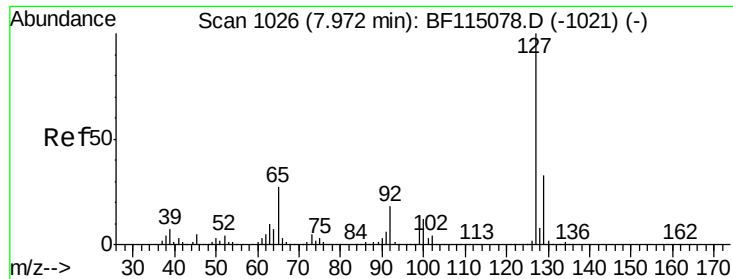
105 118.5 98.2 138.2

77 86.6 67.0 107.0



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

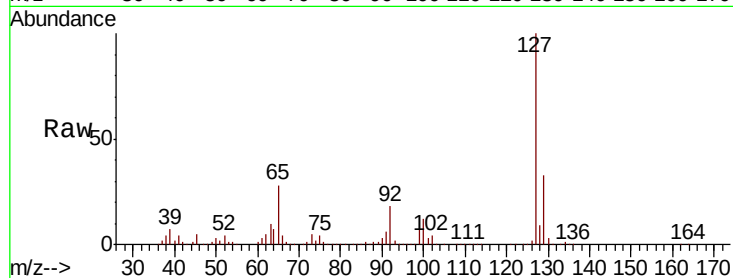




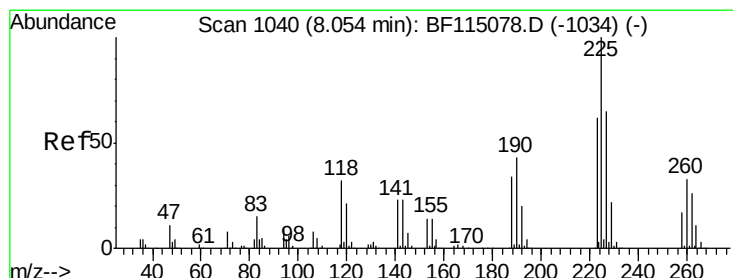
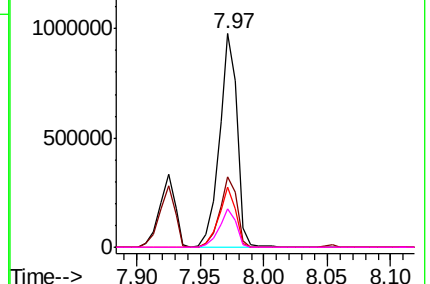
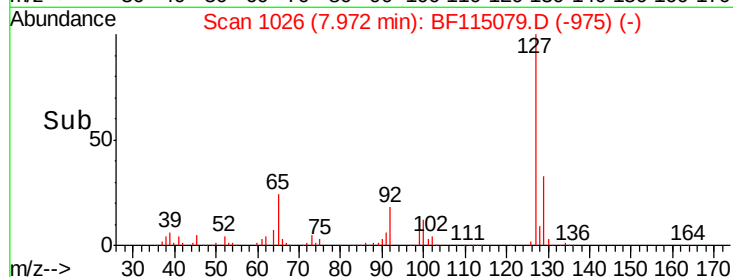
#33
4-Chloroaniline
Concen: 50.938 ng
RT: 7.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	957284
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.1 39.1
65	28.4	21.4 32.2
92	18.2	14.1 21.1

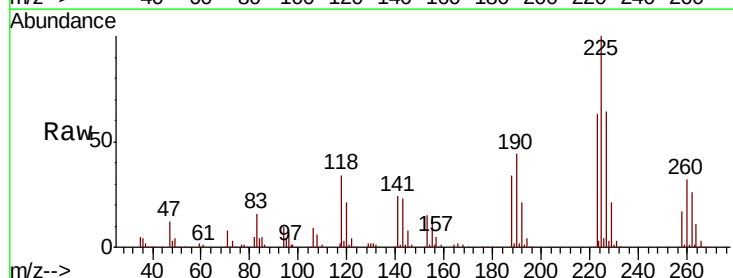


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

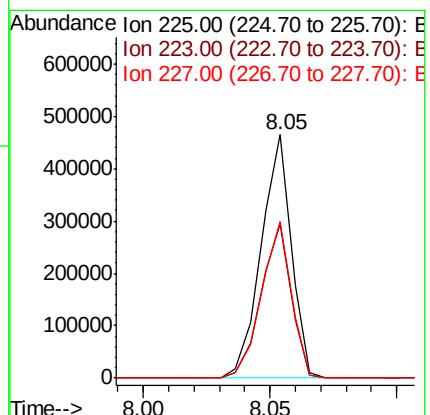
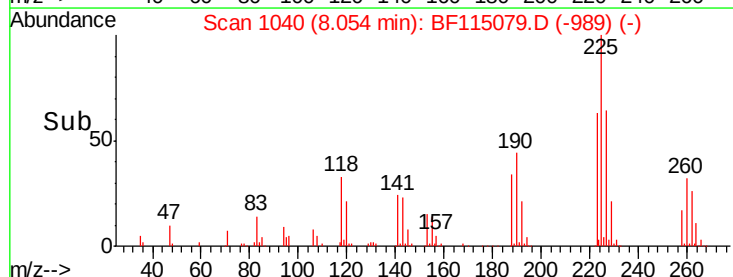


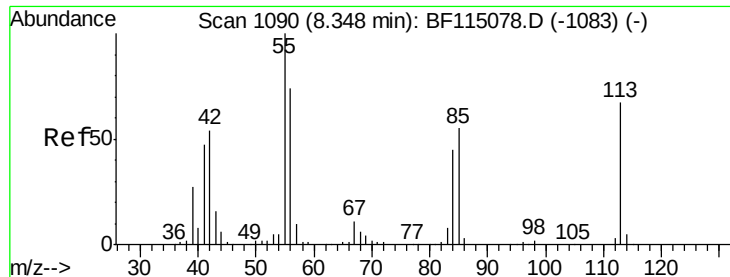
#34
Hexachlorobutadiene
Concen: 48.819 ng
RT: 8.05 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:225	Resp:	387388
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.4 74.2
227	64.2	51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.995 ng

RT: 8.35 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

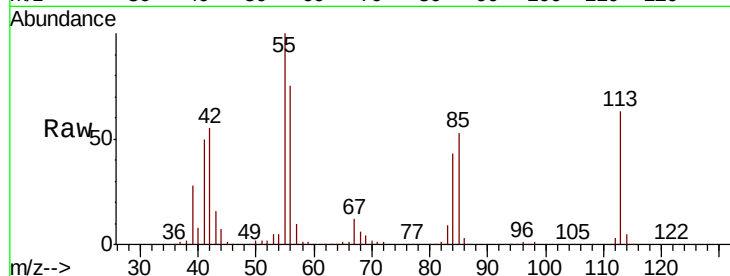
Tot Ion:113 Resp: 213962

Ion Ratio Lower Upper

113 100

55 157.7 130.2 170.2

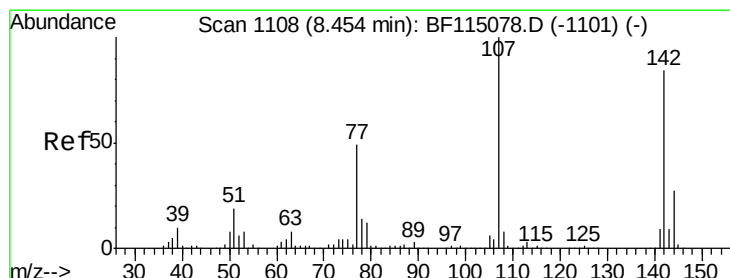
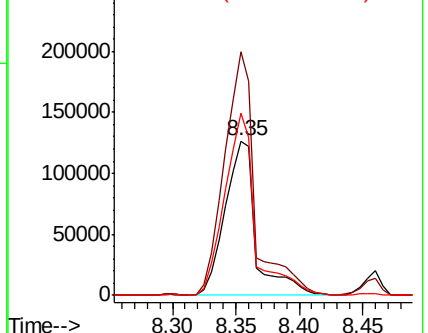
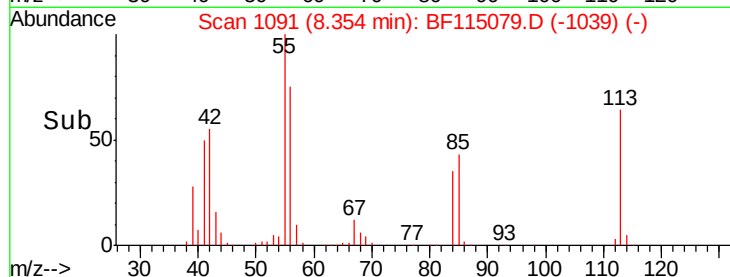
56 118.2 91.6 131.6



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: 51.363 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

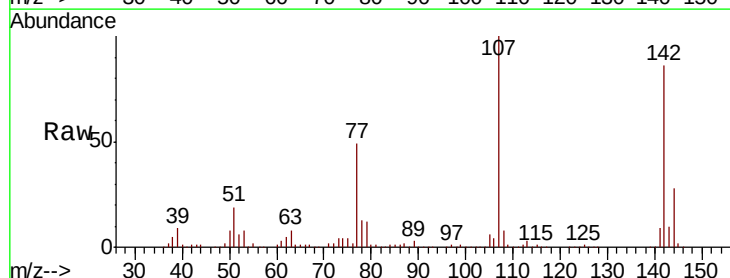
Tgt Ion:107 Resp: 639511

Ion Ratio Lower Upper

107 100

144 28.1 21.7 32.5

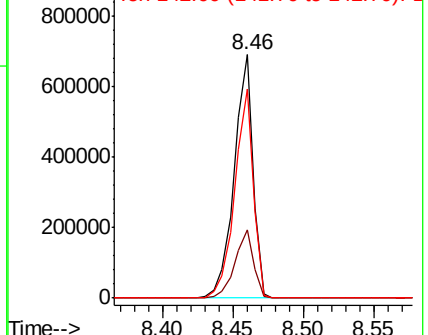
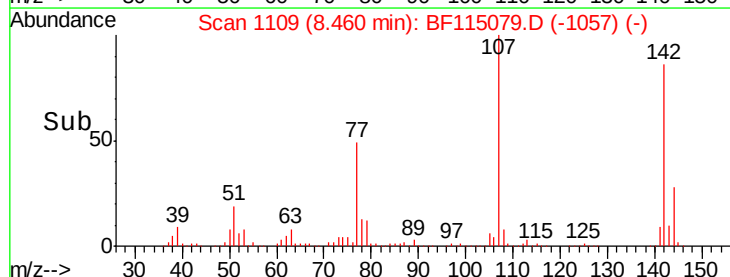
142 85.7 67.0 100.4

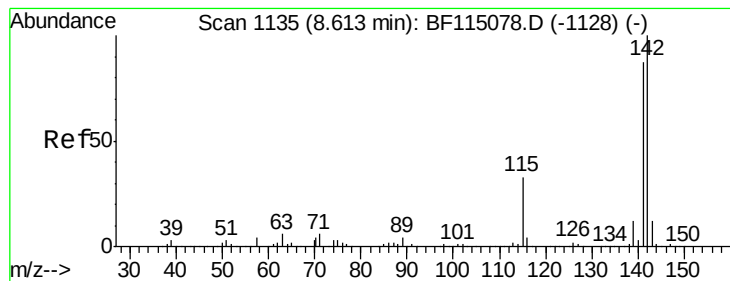


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

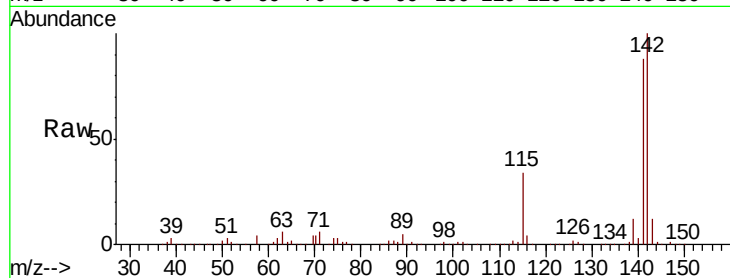




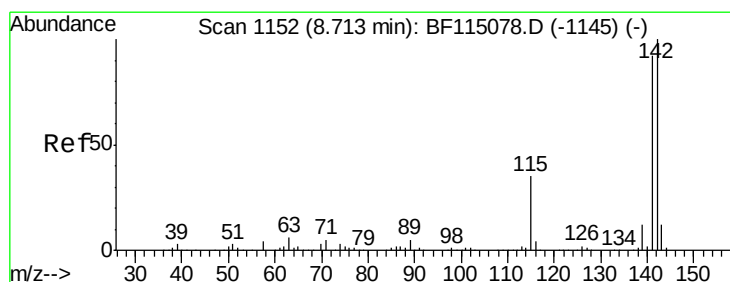
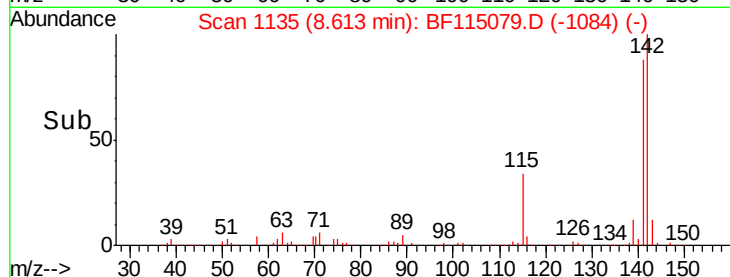
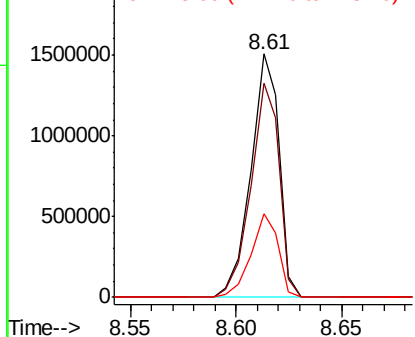
#37
2-Methylnaphthalene
Concen: 51.735 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1404822
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.6
115 34.2 26.7 40.1

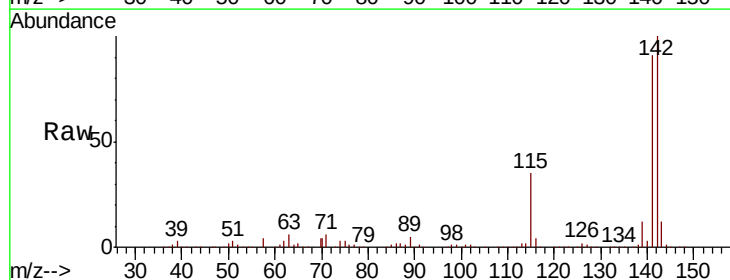


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

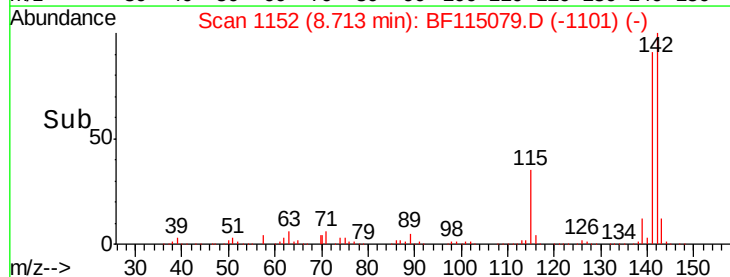
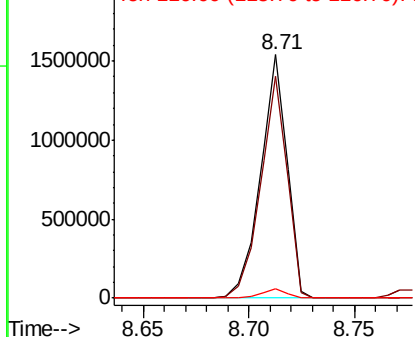


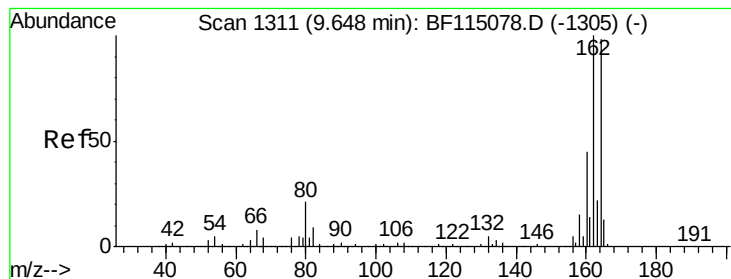
#38
1-Methylnaphthalene
Concen: 52.221 ng
RT: 8.71 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:142 Resp: 1340235
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8
116 3.9 2.8 4.2



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: 9.65 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

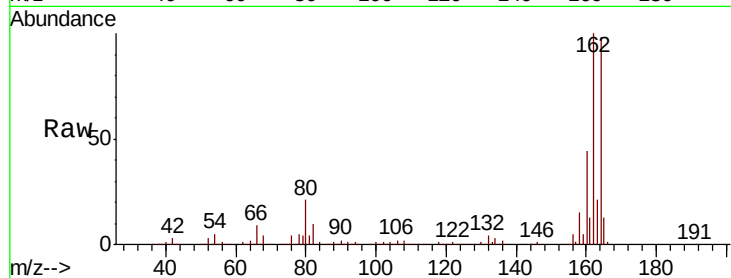
Tot Ion:164 Resp: 423309

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

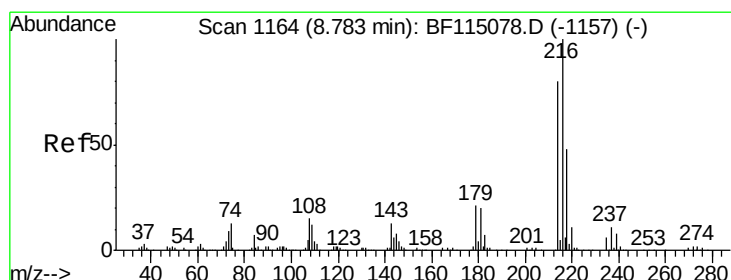
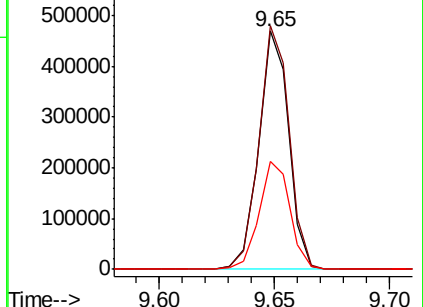
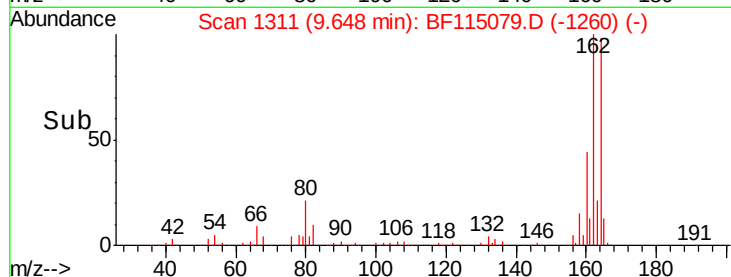
160 45.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.100 ng

RT: 8.78 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:216 Resp: 589044

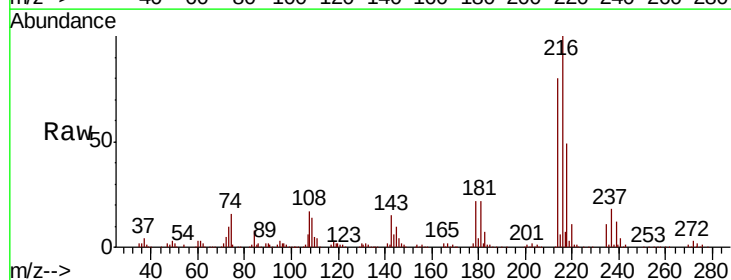
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 22.4 17.6 26.4

108 19.5 15.7 23.5

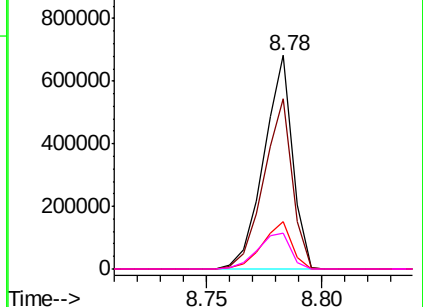
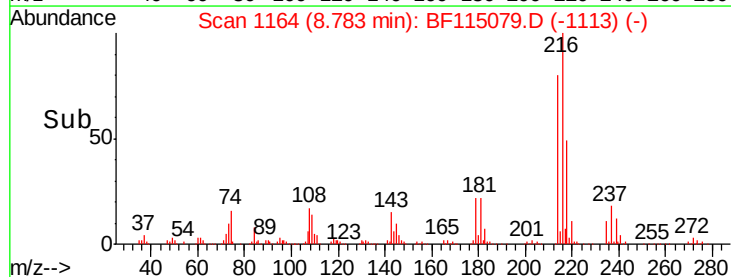


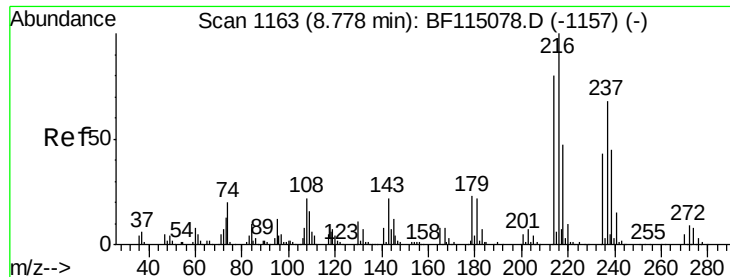
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.178 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

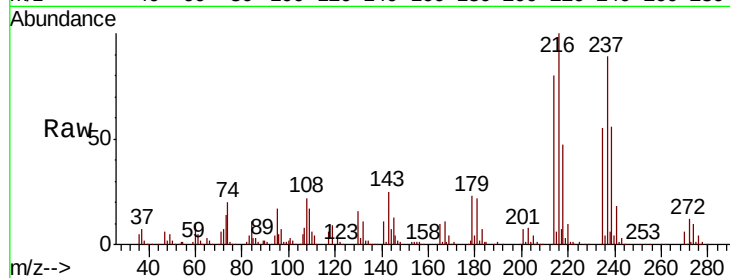
Tot Ion:237 Resp: 358525

Ion Ratio Lower Upper

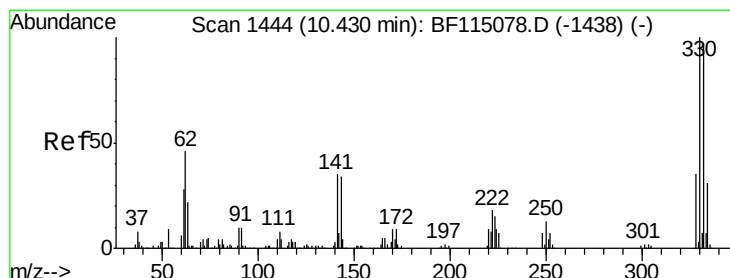
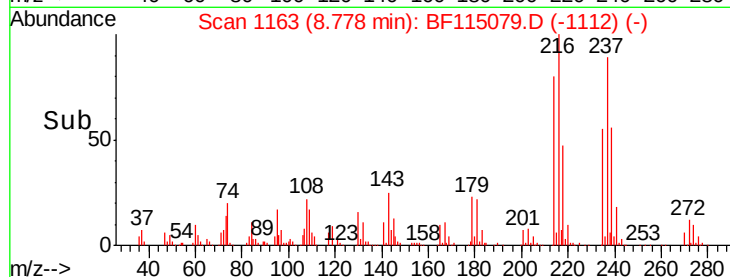
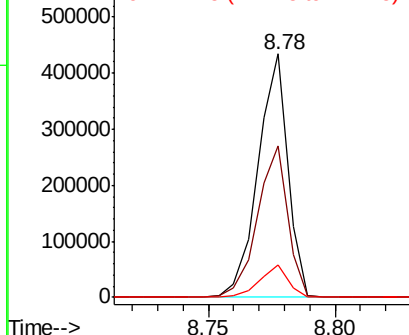
237 100

235 62.0 43.9 83.9

272 13.2 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: 98.692 ng

RT: 10.43 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

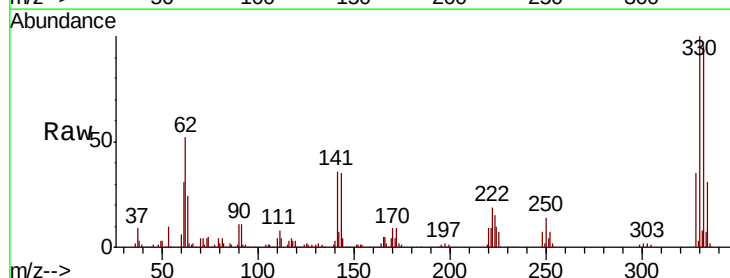
Tgt Ion:330 Resp: 447375

Ion Ratio Lower Upper

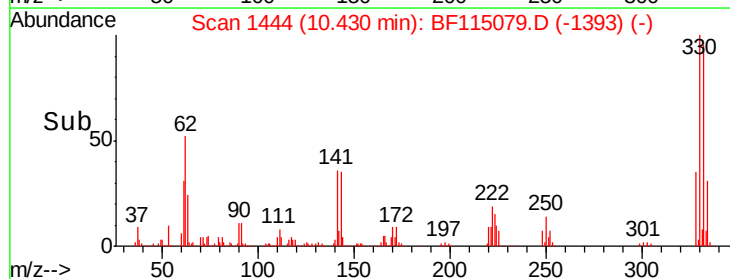
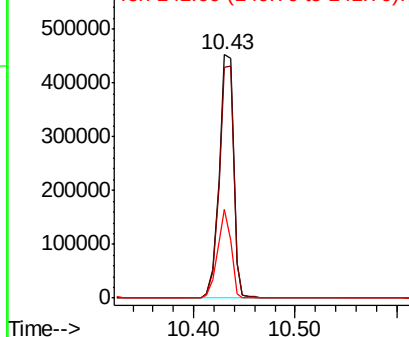
330 100

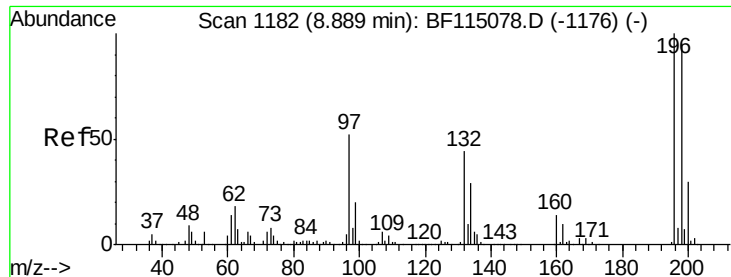
332 95.9 77.3 115.9

141 34.1 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

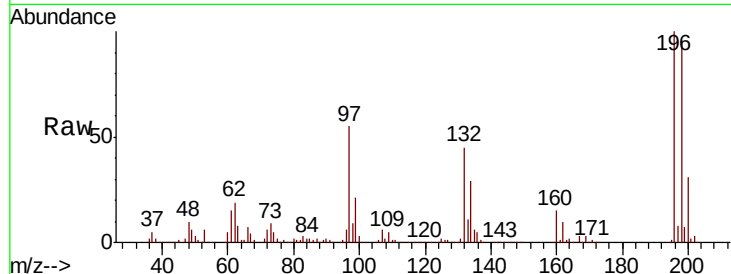




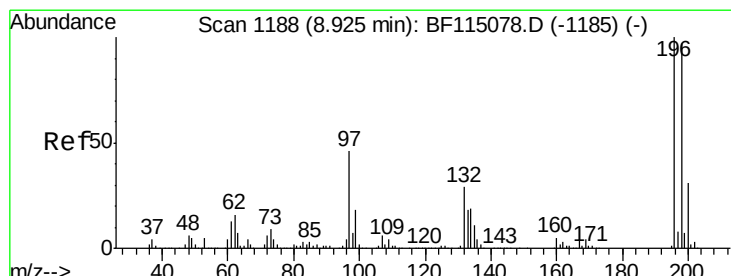
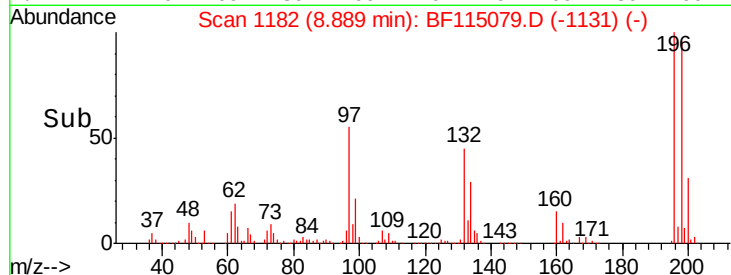
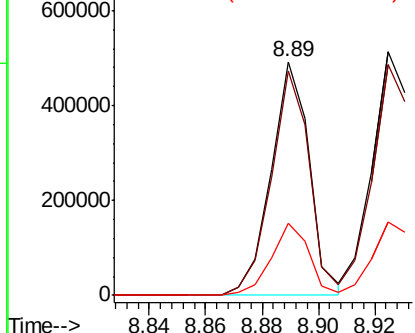
#43
 2,4,6-Trichlorophenol
 Concen: 49.545 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.3	114.5
200	30.6	24.2	36.4



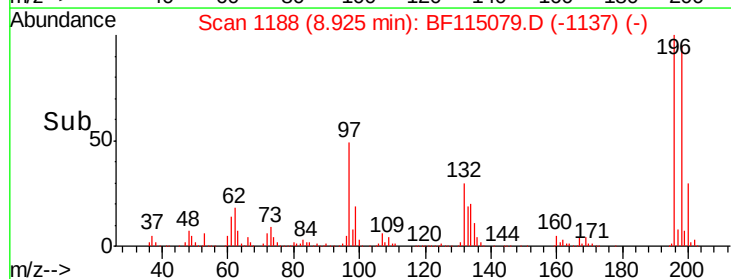
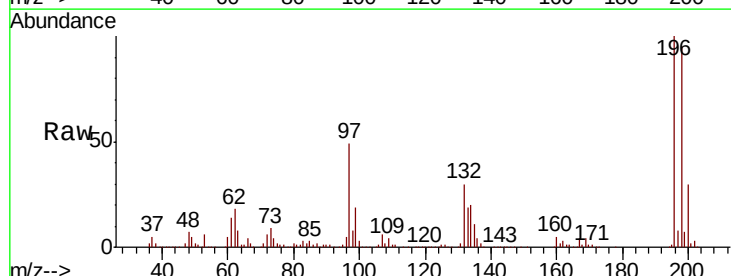
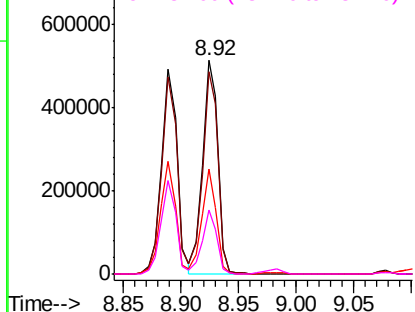
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

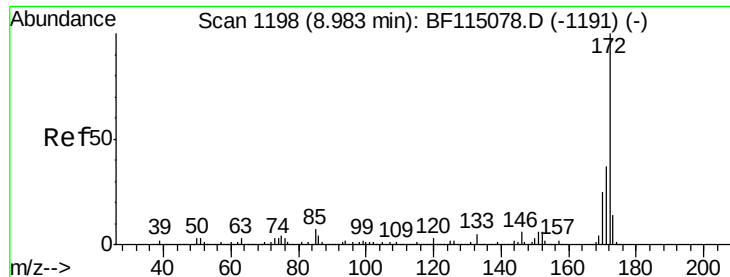


#44
 2,4,5-Trichlorophenol
 Concen: 50.726 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.1	115.7
97	49.0	37.7	56.5
132	29.8	23.1	34.7

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

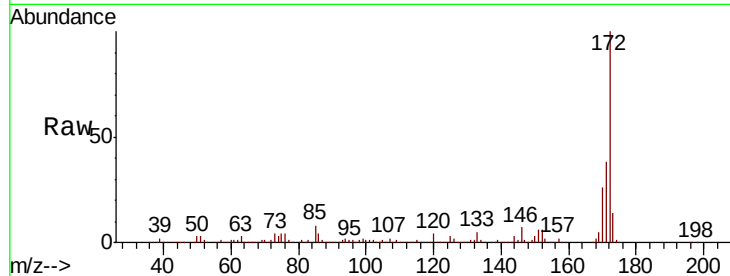




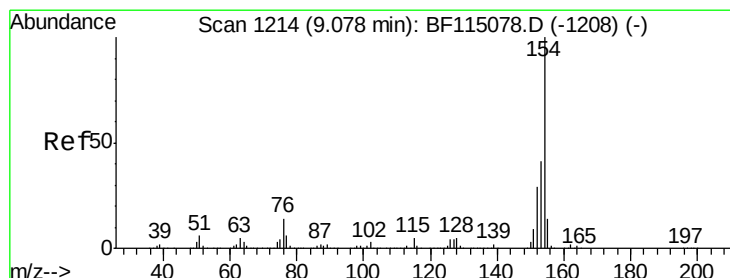
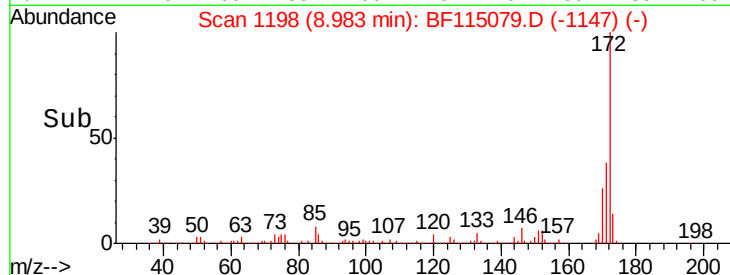
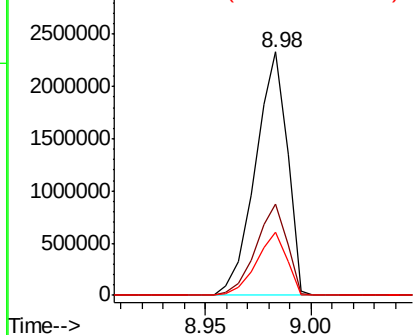
#45
2-Fluorobiphenyl
Concen: 98.046 ng
RT: 8.98 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2448831
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.7 20.3 30.5

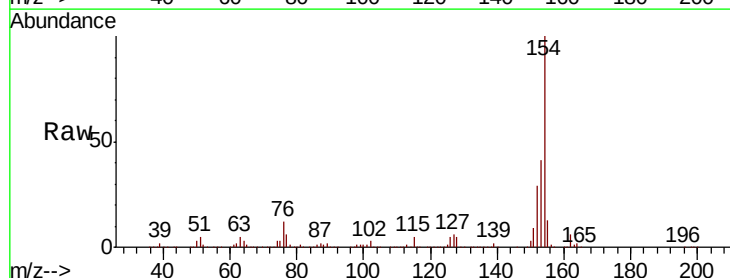


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

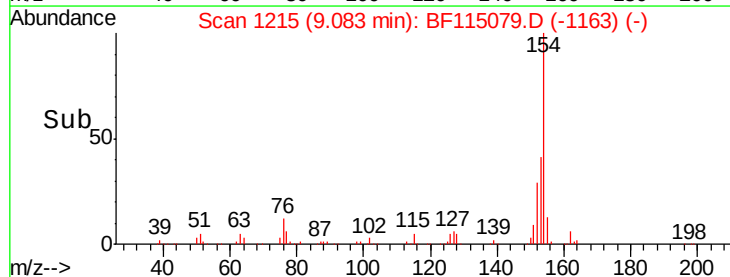
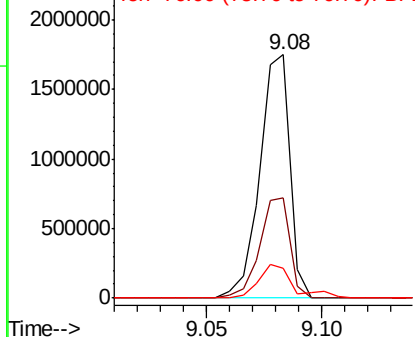


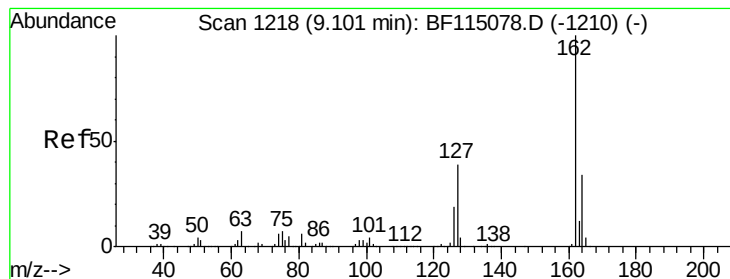
#46
1,1'-Biphenyl
Concen: 46.965 ng
RT: 9.08 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:154 Resp: 1593141
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 12.1 0.0 34.1



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: 49.110 ng

RT: 9.10 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

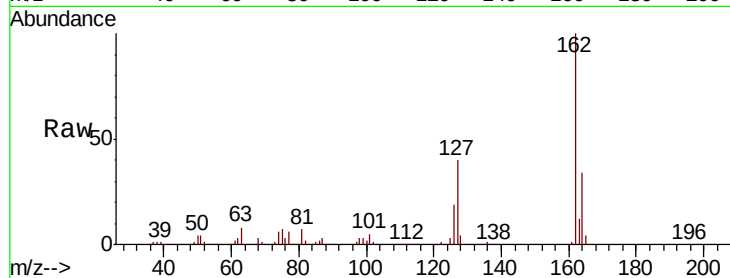
Tot Ion:162 Resp: 1347116

Ion Ratio Lower Upper

162 100

127 40.0 30.8 46.2

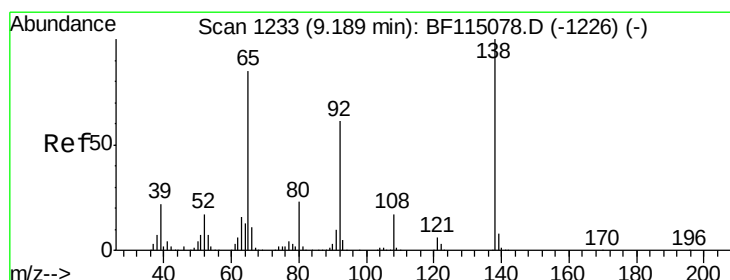
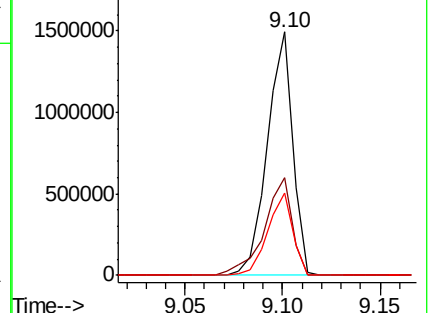
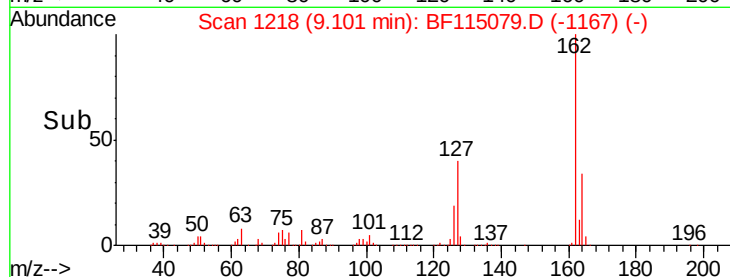
164 34.1 27.0 40.4



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: 50.398 ng

RT: 9.20 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

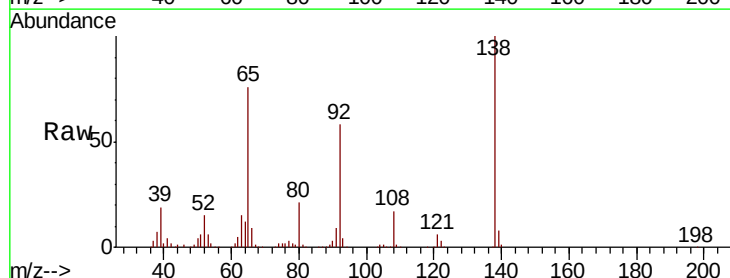
Tgt Ion: 65 Resp: 408619

Ion Ratio Lower Upper

65 100

92 76.3 57.4 86.2

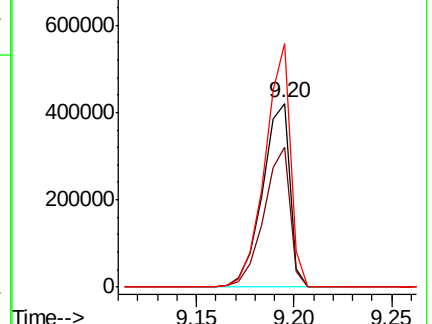
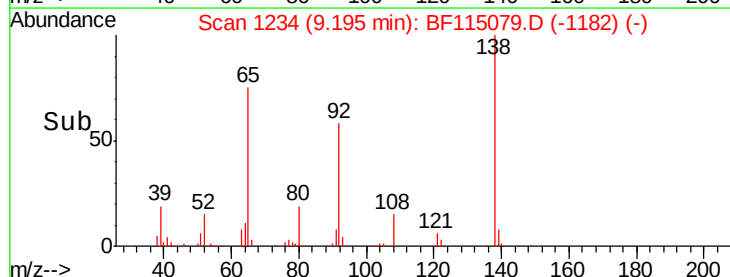
138 132.4 94.1 141.1

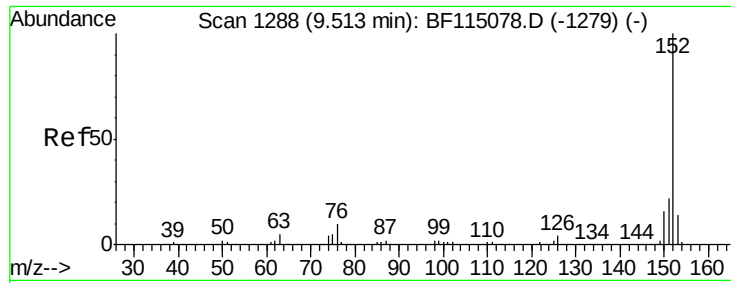


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.824 ng

RT: 9.51 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

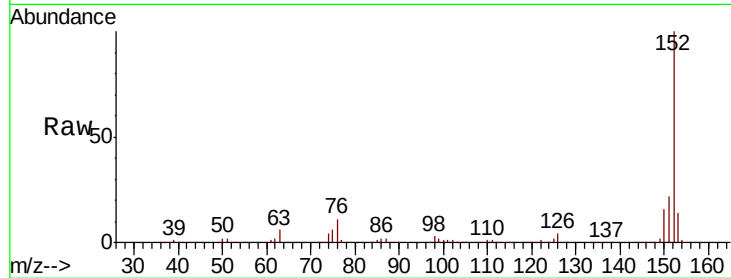
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2101350

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.3	11.0	16.6

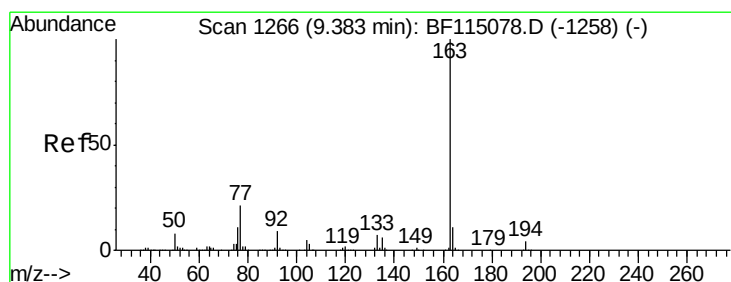
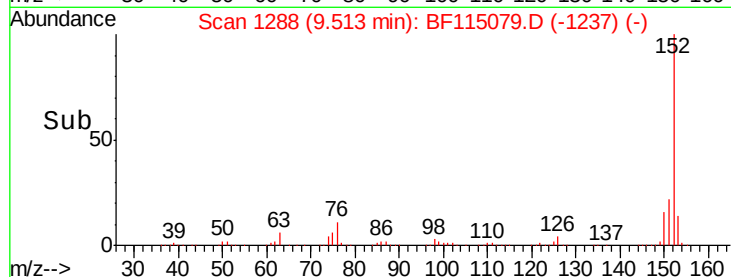
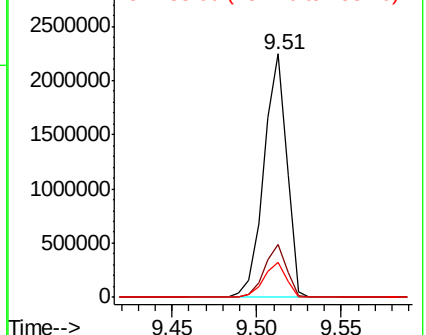


Abundance

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: 47.586 ng

RT: 9.39 min Scan# 1267

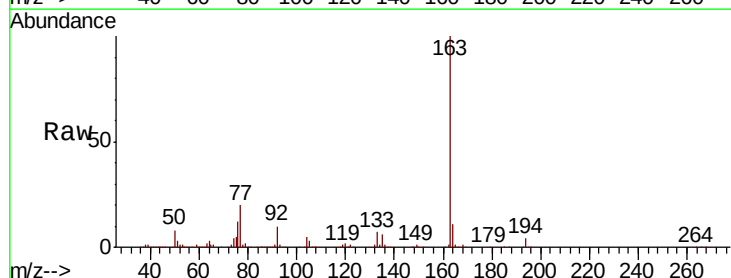
Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:163 Resp: 1514873

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.8	8.6	13.0

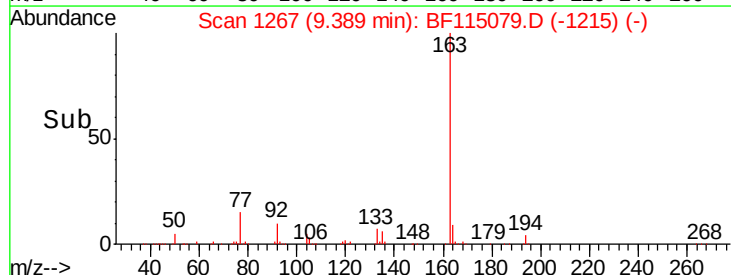
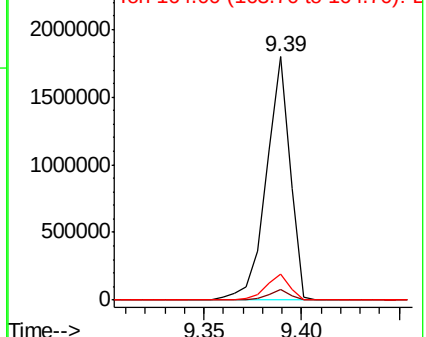


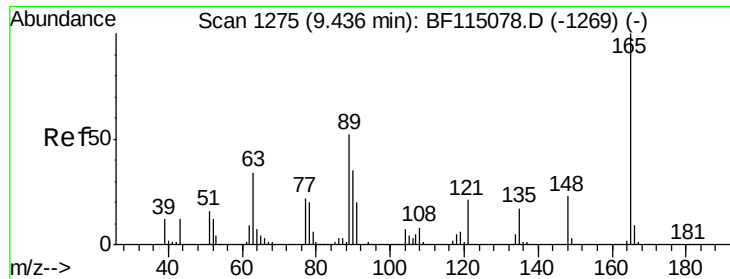
Abundance

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

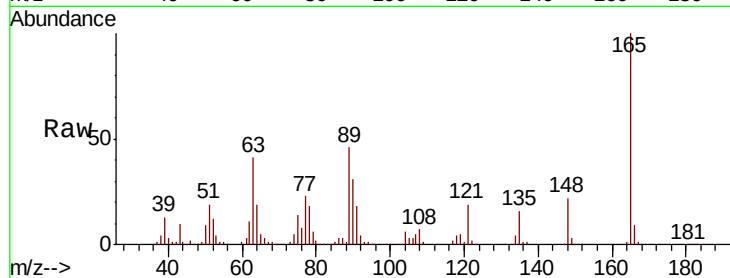




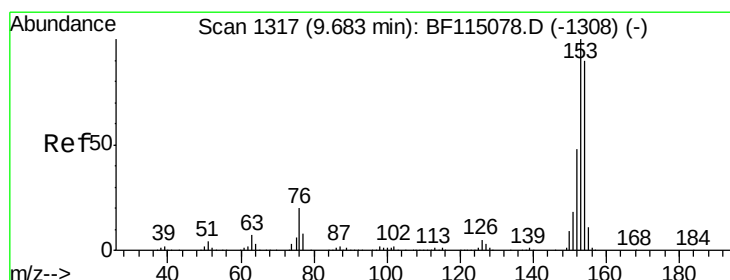
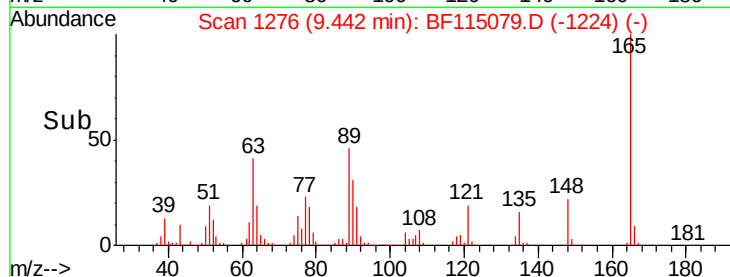
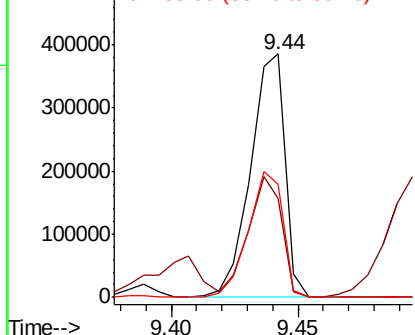
#51
 2,6-Dinitrotoluene
 Concen: 50.569 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	39.4	59.2
89	46.4	42.0	63.0

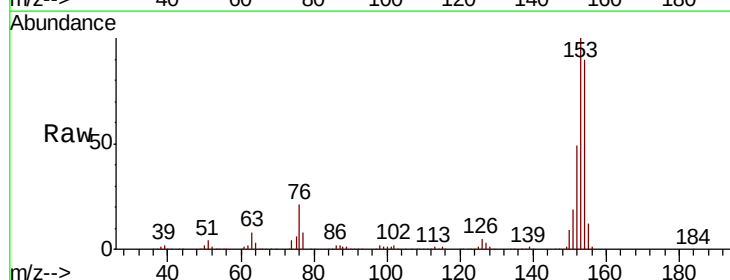


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

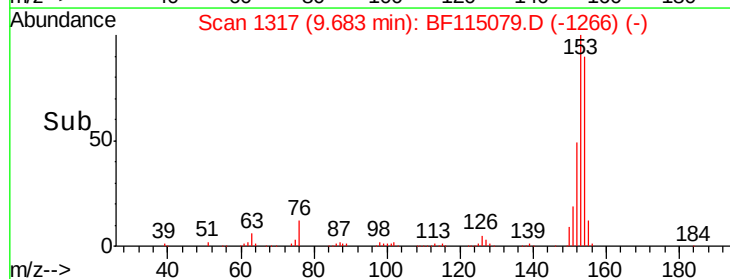
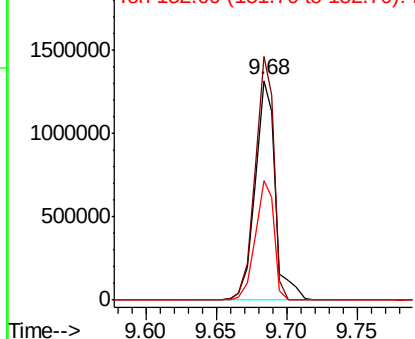


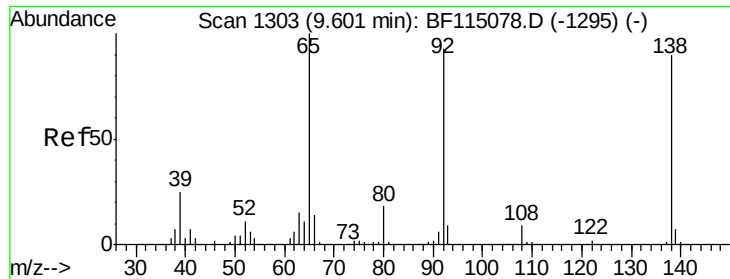
#52
 Acenaphthene
 Concen: 54.489 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.7	133.1
152	54.6	42.6	64.0



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

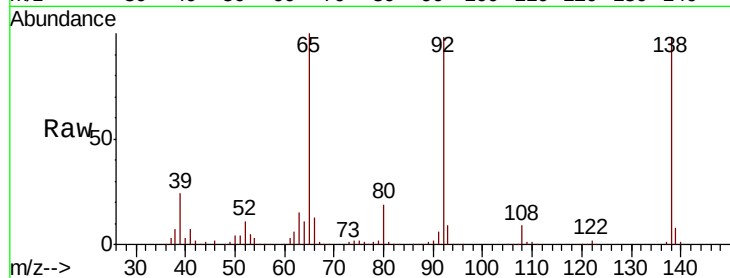




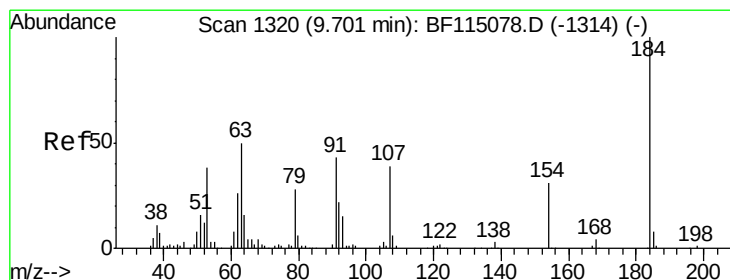
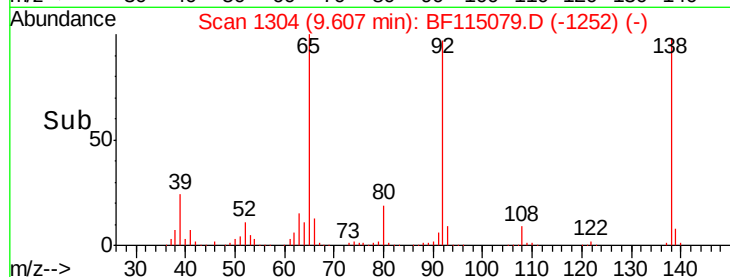
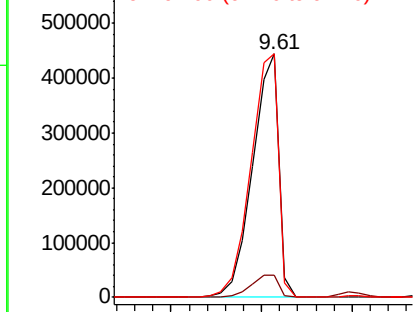
#53
3-Nitroaniline
Concen: 50.373 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 445683
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 99.8 82.9 124.3

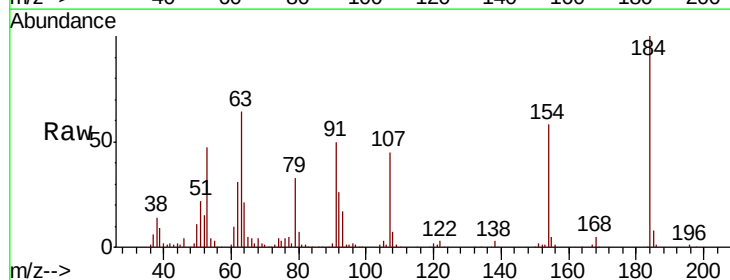


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

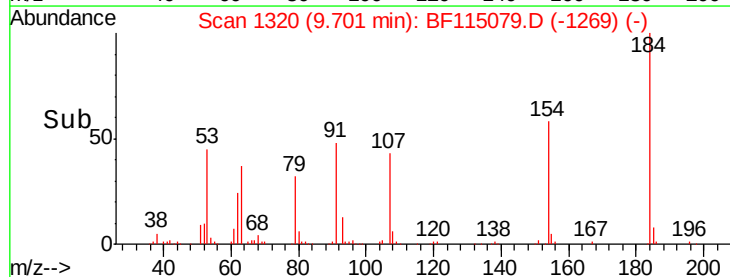
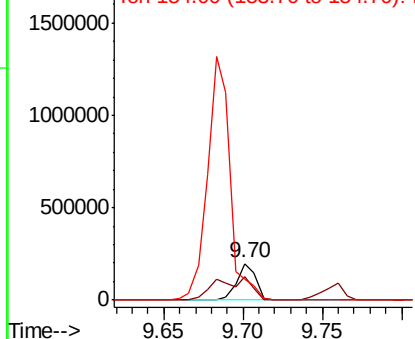


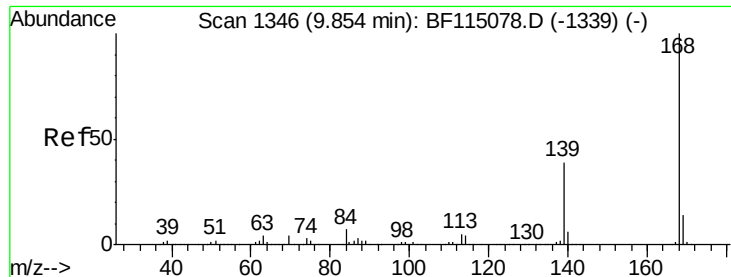
#54
2,4-Dinitrophenol
Concen: 47.543 ng
RT: 9.70 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:184 Resp: 166525
Ion Ratio Lower Upper
184 100
63 64.1 41.9 62.9#
154 58.2 44.7 67.1



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

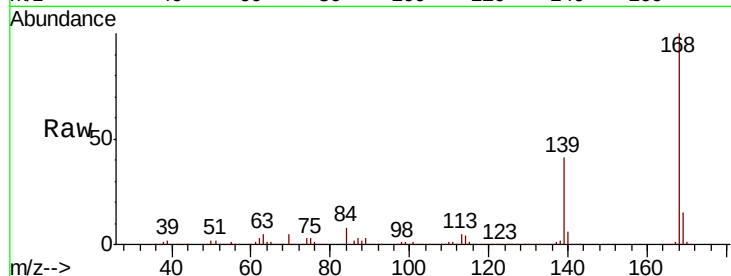




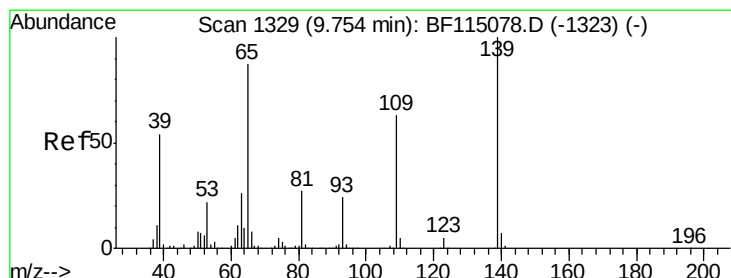
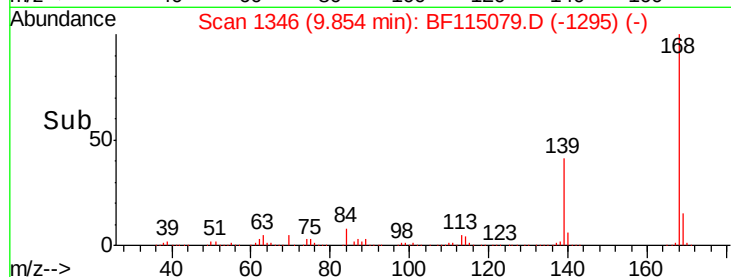
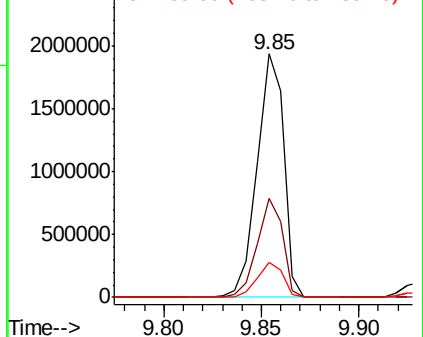
#55
Dibenzofuran
Concen: 50.266 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1827996
Ion Ratio Lower Upper
168 100
139 40.8 31.1 46.7
169 14.5 11.3 16.9

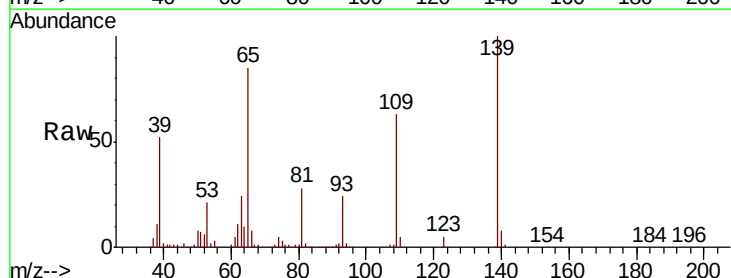


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

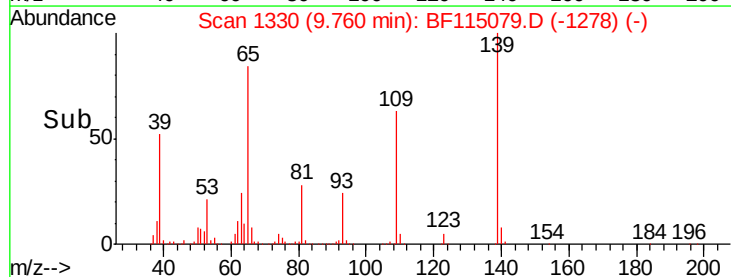
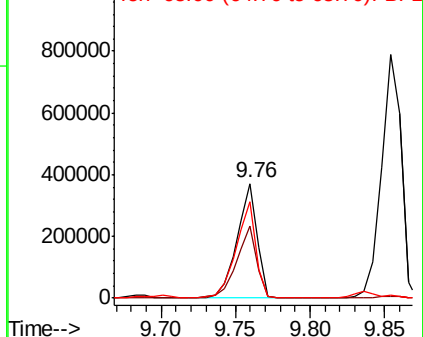


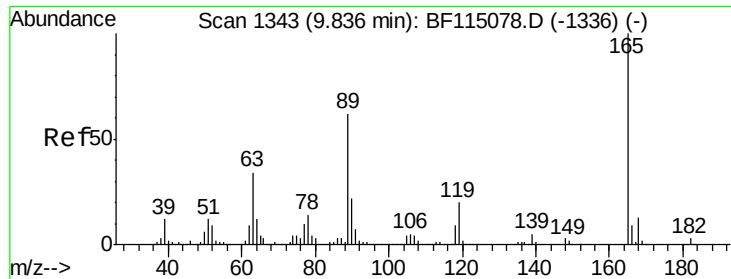
#56
4-Nitrophenol
Concen: 57.785 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:139 Resp: 352560
Ion Ratio Lower Upper
139 100
109 63.2 43.0 83.0
65 84.5 67.0 107.0



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

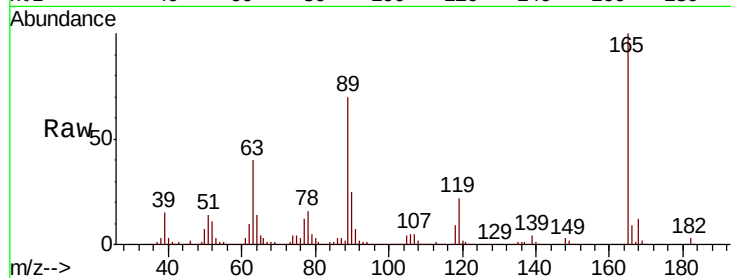




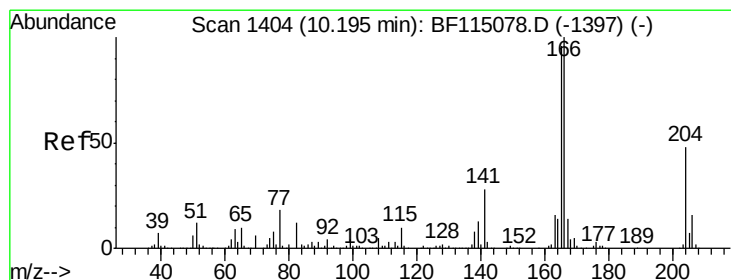
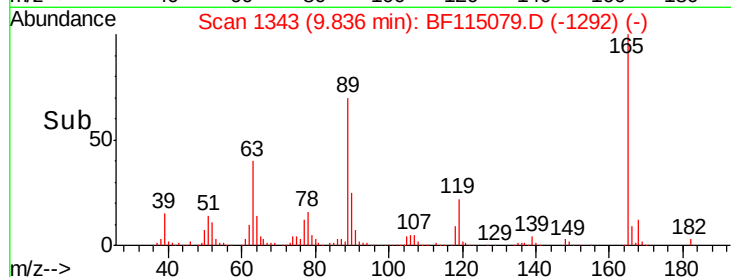
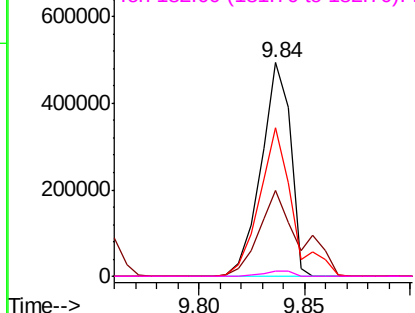
#57
2,4-Dinitrotoluene
Concen: 51.941 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	477399
Ion Ratio	Lower	Upper
165	100	
63	40.4	27.5 41.3
89	69.7	49.9 74.9
182	2.6	2.1 3.1

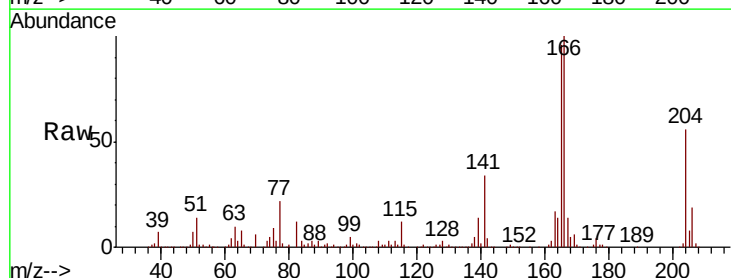


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

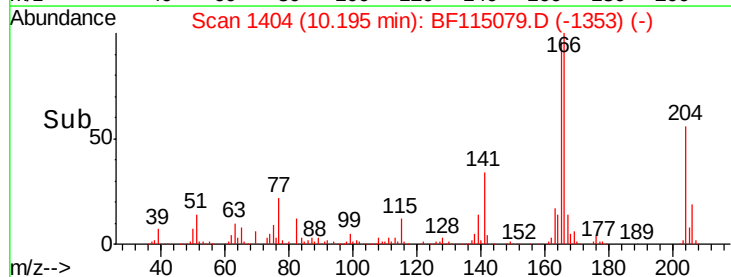
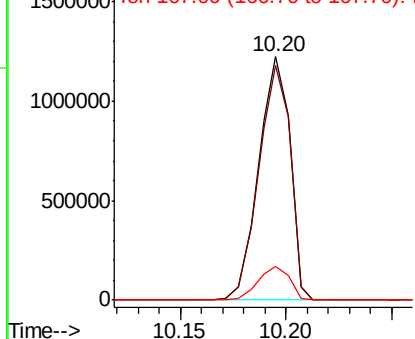


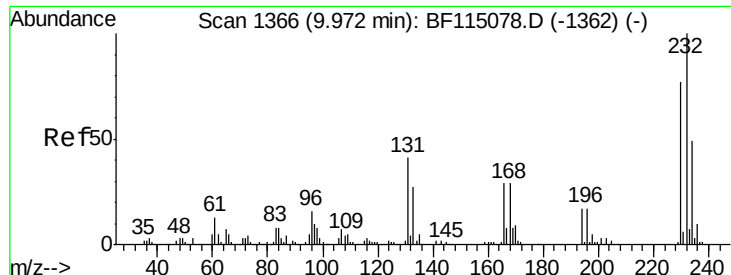
#58
Fluorene
Concen: 47.370 ng
RT: 10.20 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:166	Resp:	1259964
Ion Ratio	Lower	Upper
166	100	
165	96.4	76.5 114.7
167	14.1	11.0 16.4



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

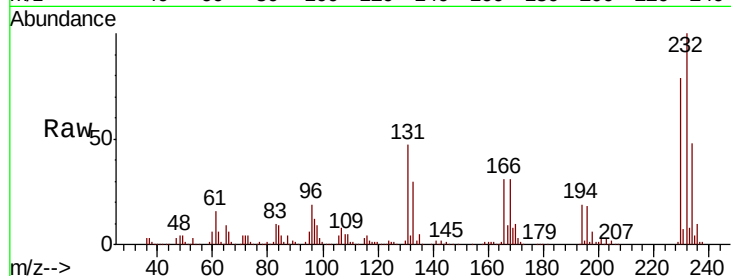




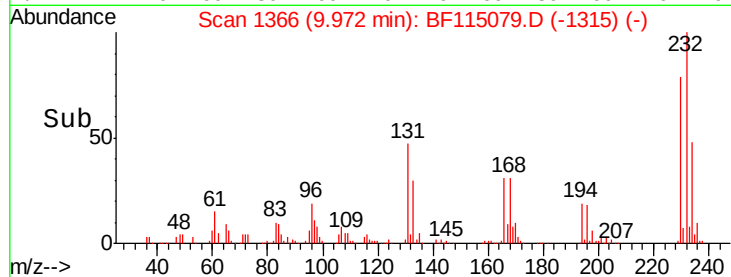
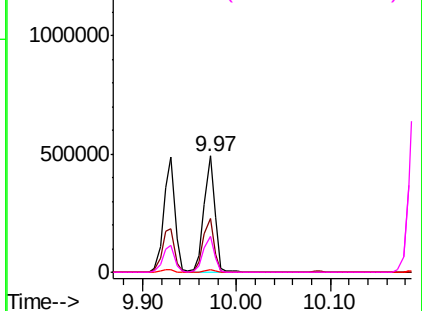
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.354 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	399203
Ion Ratio	Lower	Upper
232	100	
131	46.7	37.4 56.0
130	2.3	1.8 2.6
166	31.3	24.6 36.8

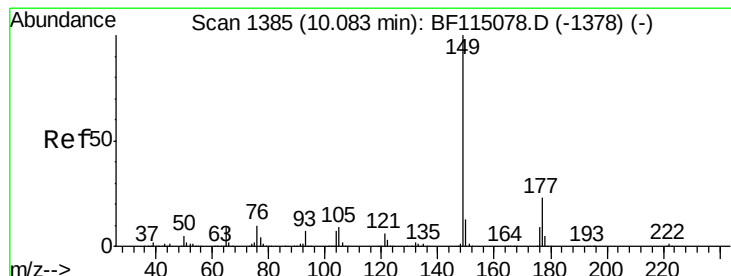


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

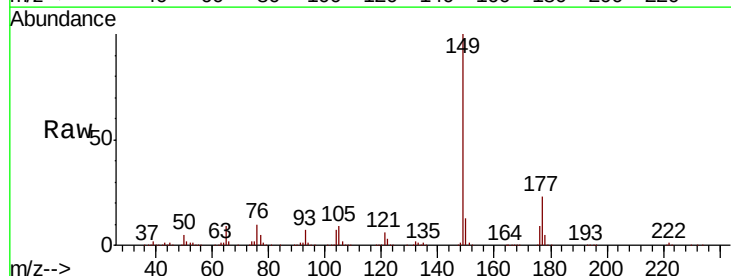
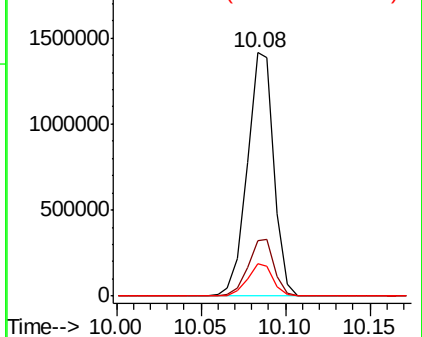


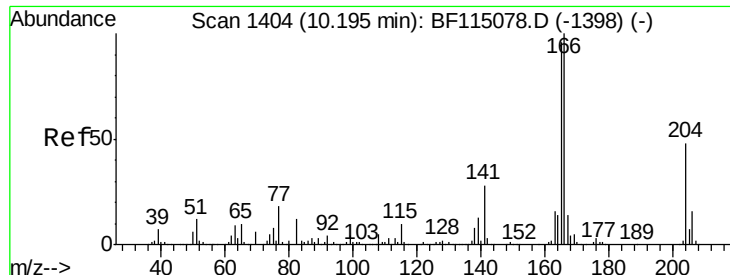
#60
 Diethylphthalate
 Concen: 51.074 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion:149	Resp:	1554635
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.7 28.1
150	13.1	10.4 15.6



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

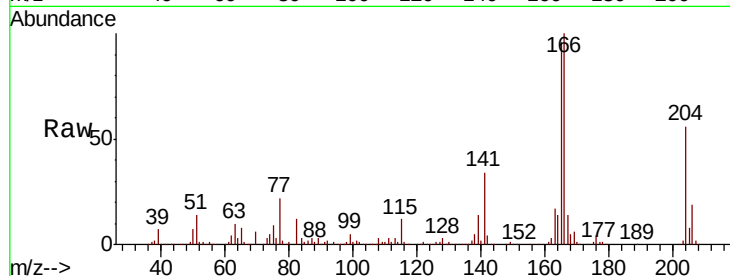




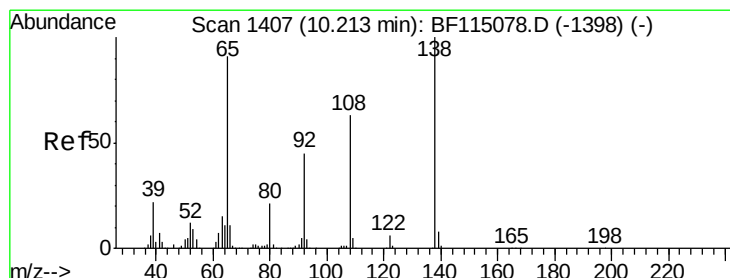
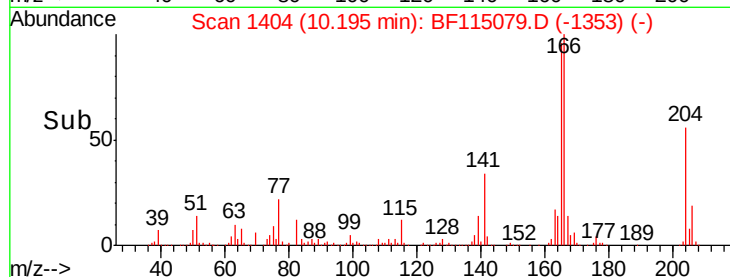
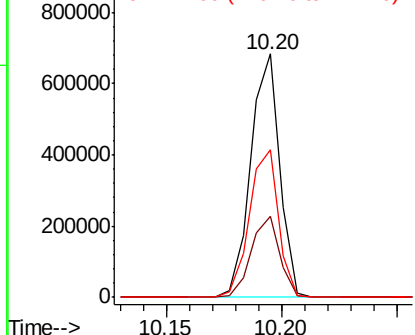
#61
4-Chlorophenyl-phenylether
Concen: 45.519 ng
RT: 10.20 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 597625
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 60.6 46.7 70.1

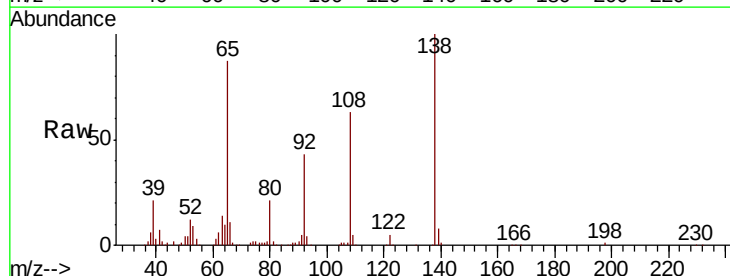


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

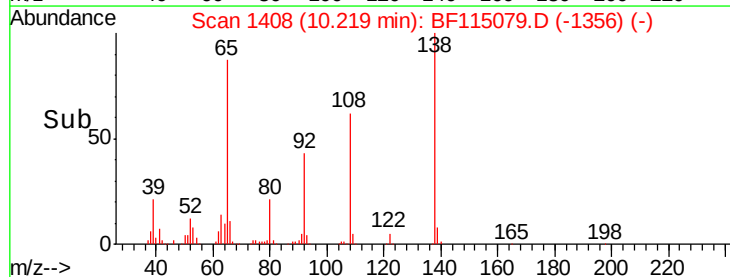
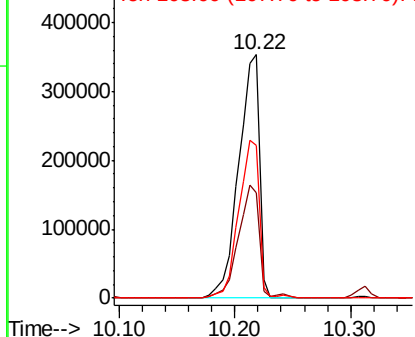


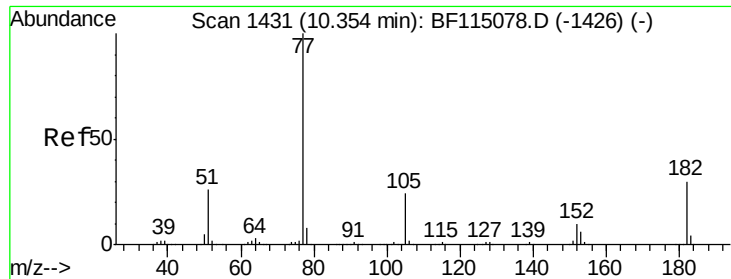
#62
4-Nitroaniline
Concen: 49.613 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:138 Resp: 441342
Ion Ratio Lower Upper
138 100
92 43.2 24.8 64.8
108 62.5 43.3 83.3



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: 54.036 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1438949

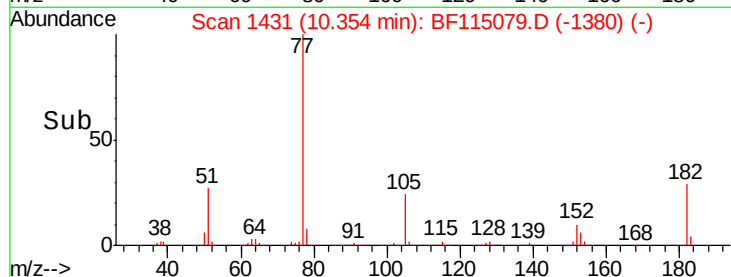
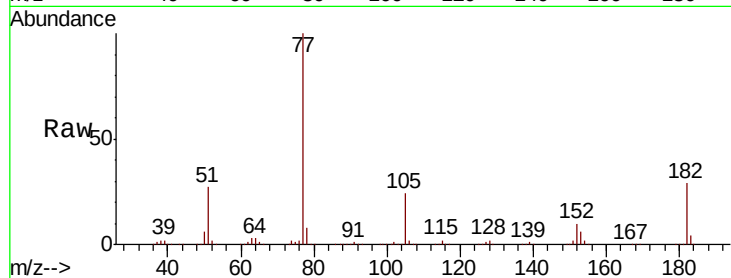
Ion	Ratio	Lower	Upper
77	100		
182	28.8	10.1	50.1
105	24.3	4.5	44.5
51	27.0	6.4	46.4

77 100

182 28.8 10.1 50.1

105 24.3 4.5 44.5

51 27.0 6.4 46.4



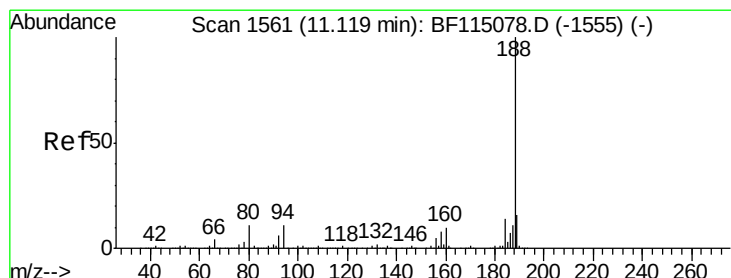
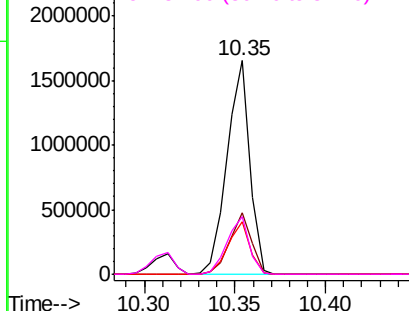
Abundance

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: 11.12 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

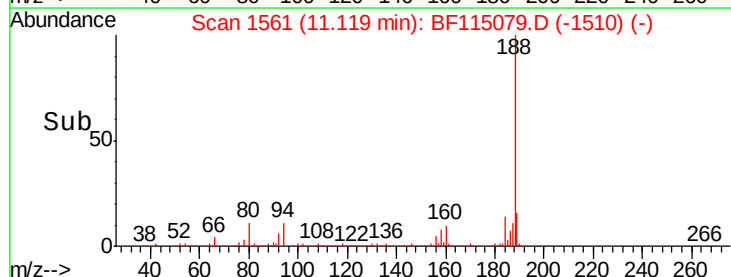
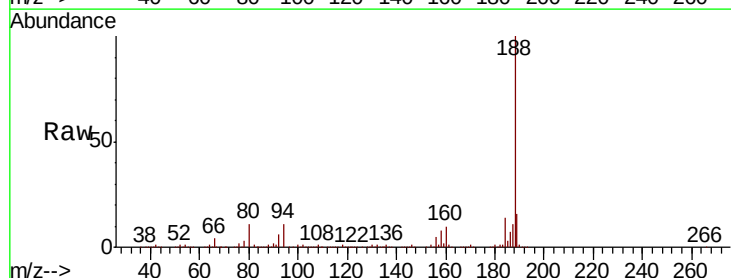
Tgt Ion: 188 Resp: 820877

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	12.8
80	11.1	8.8	13.2

188 100

94 10.6 8.6 12.8

80 11.1 8.8 13.2

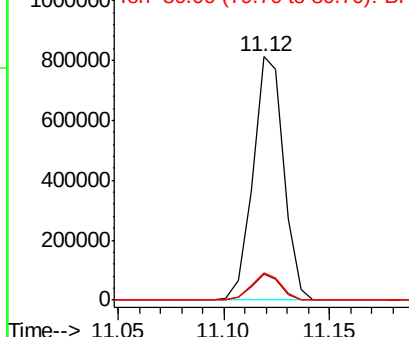


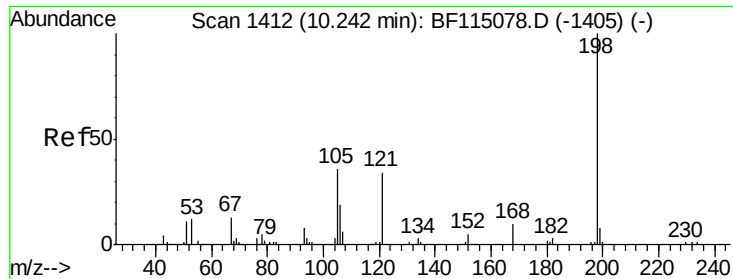
Abundance

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: 47.973 ng

RT: 10.24 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

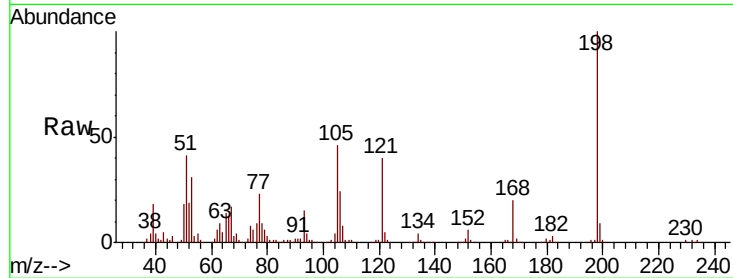
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 220716

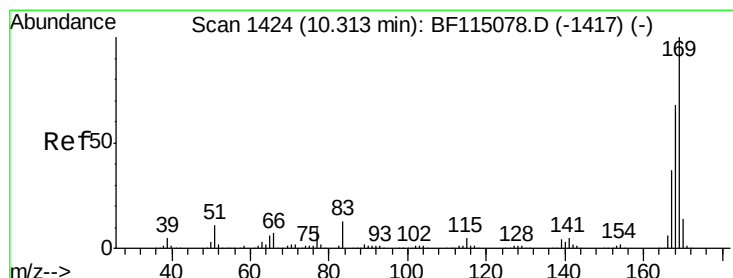
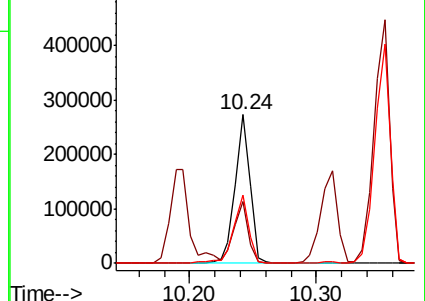
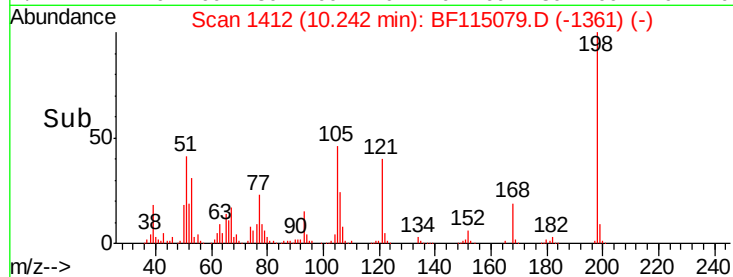
Ion	Ratio	Lower	Upper
198	100		
51	41.3	11.0	51.0
105	46.0	17.3	57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.333 ng

RT: 10.31 min Scan# 1424

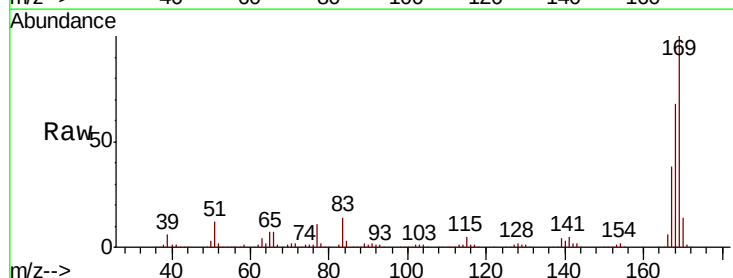
Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:169 Resp: 1259567

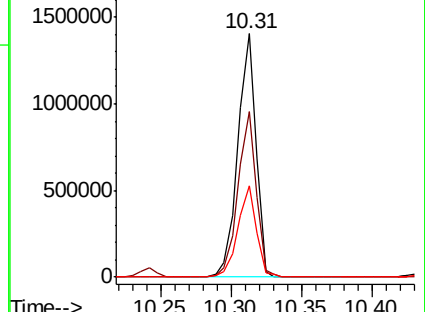
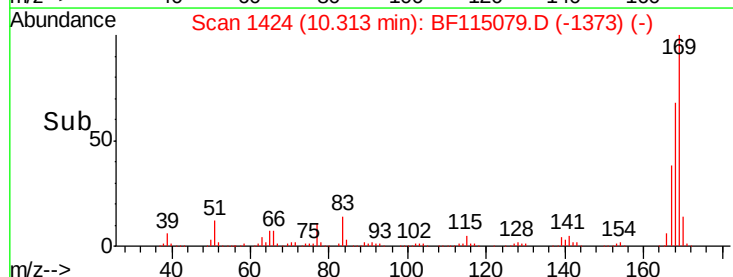
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.4
167	37.5	29.4	44.0

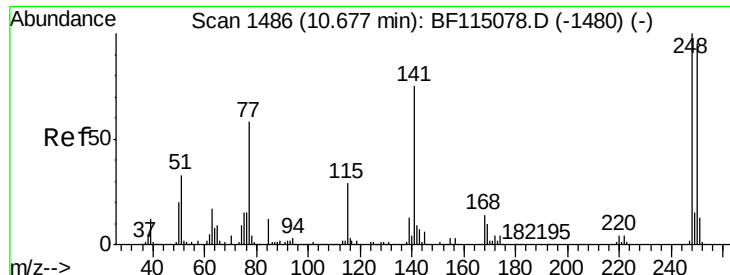


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

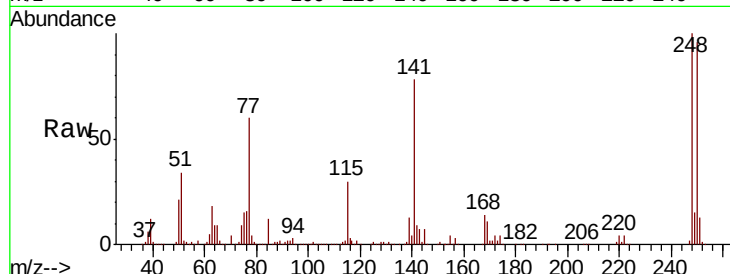




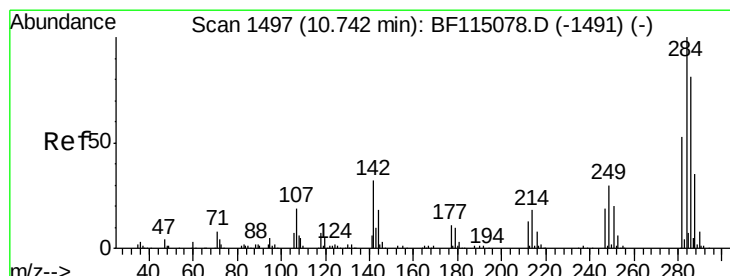
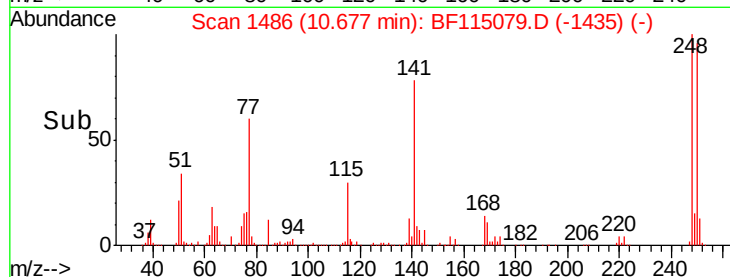
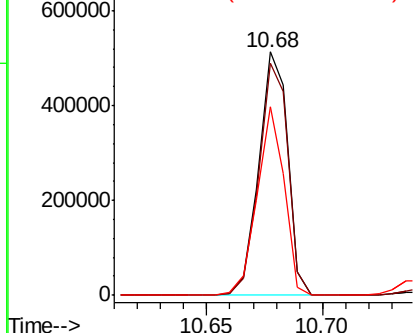
#67
4-Bromophenyl-phenylether
Concen: 50.903 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 448651
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.2
141 77.6 59.6 89.4

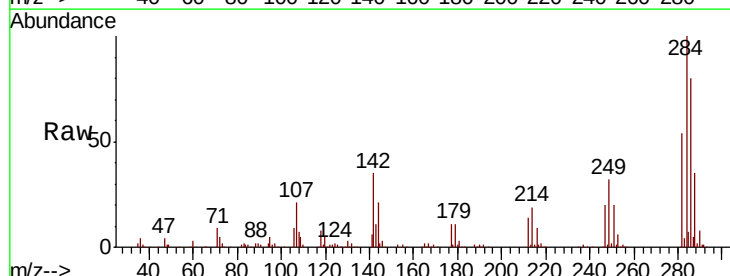


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

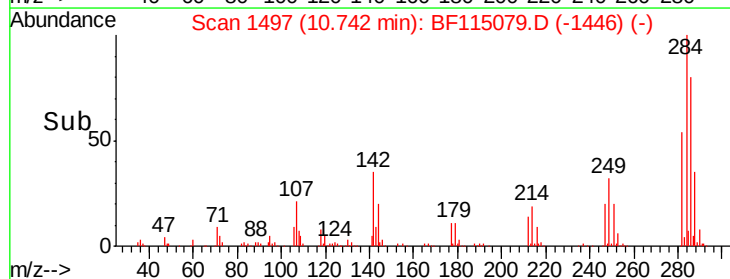
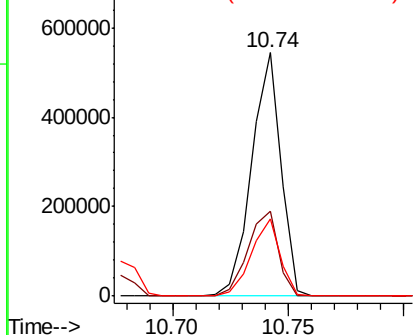


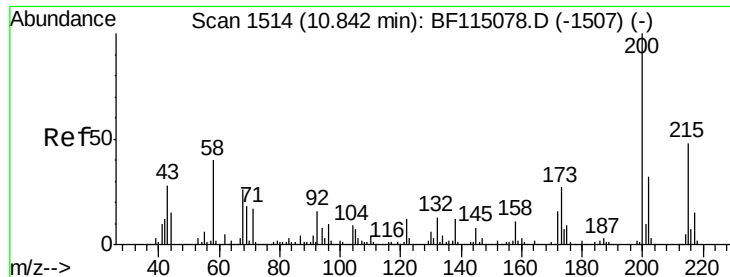
#68
Hexachlorobenzene
Concen: 49.560 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:284 Resp: 480903
Ion Ratio Lower Upper
284 100
142 35.0 25.8 38.8
249 31.7 24.2 36.4



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

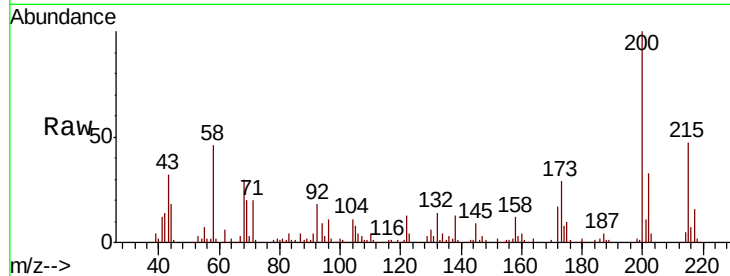




#69
Atrazine
Concen: 51.837 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.4	47.4
215	47.4	27.8	67.8

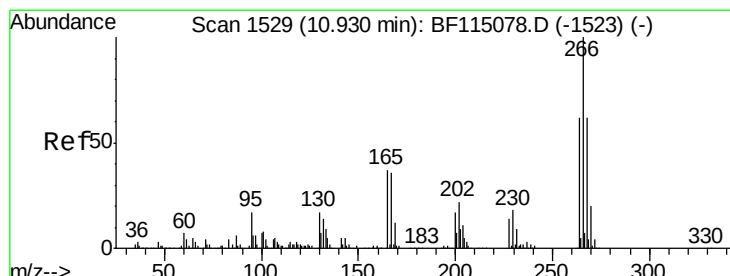
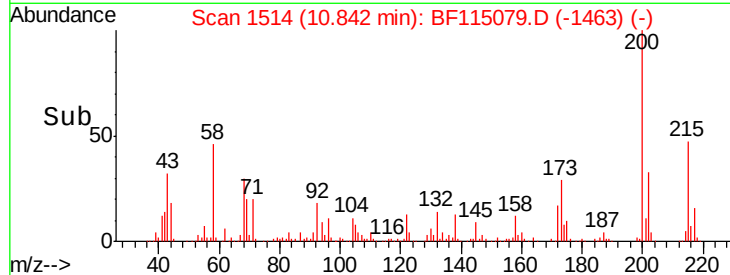
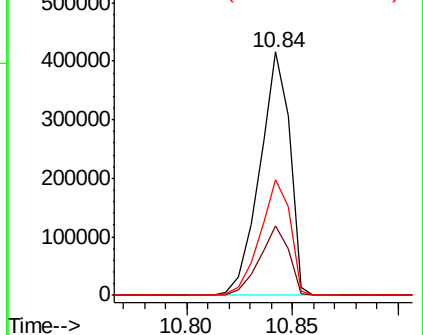


Abundance

Ion 200.00 (199.70 to 200.70): E

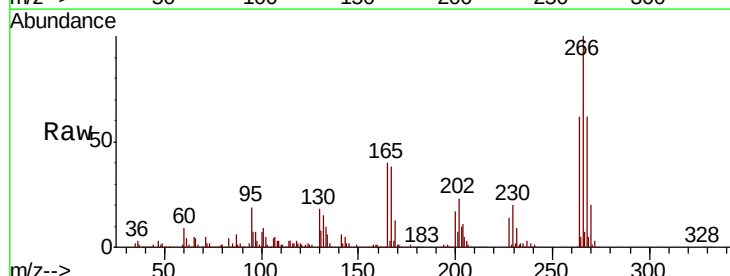
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 60.146 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	49.5	74.3
264	61.6	49.3	73.9

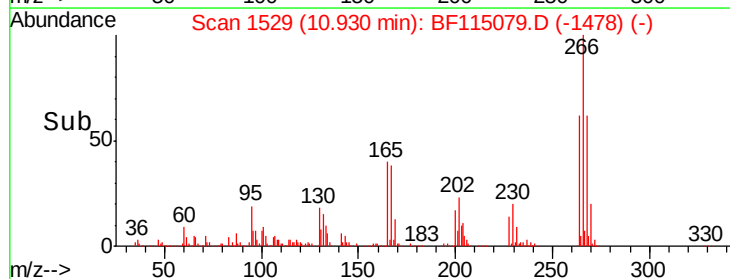
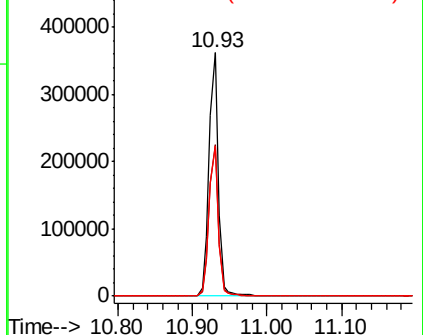


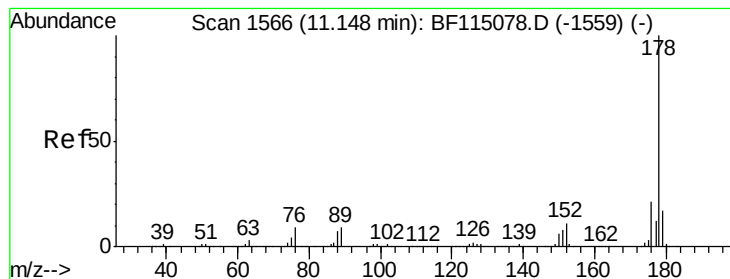
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.477 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

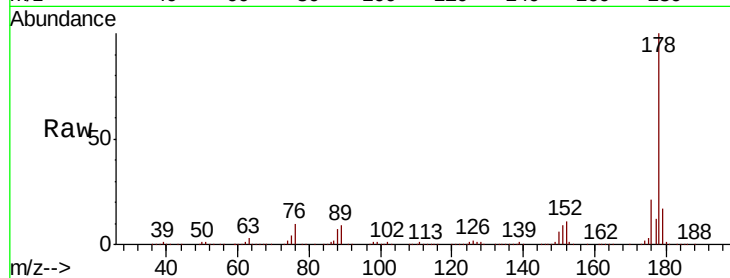
Tot Ion:178 Resp: 2097000

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.9	25.3
179	16.6	13.2	19.8

178 100

176 21.2 16.9 25.3

179 16.6 13.2 19.8

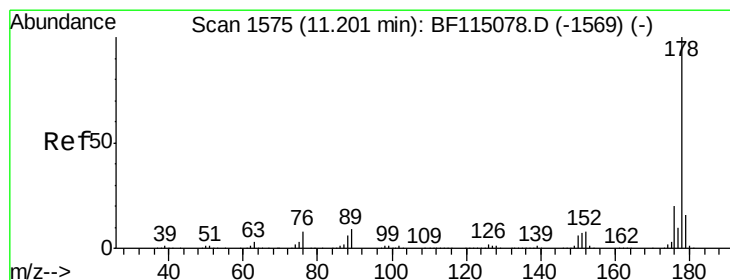
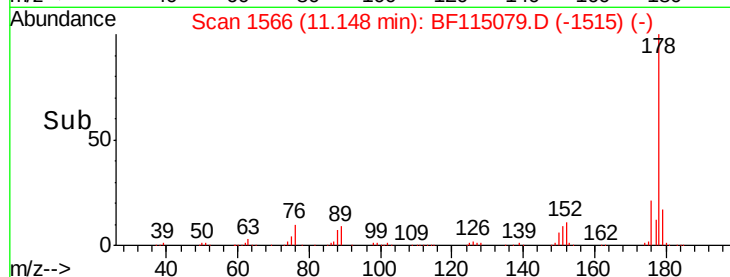
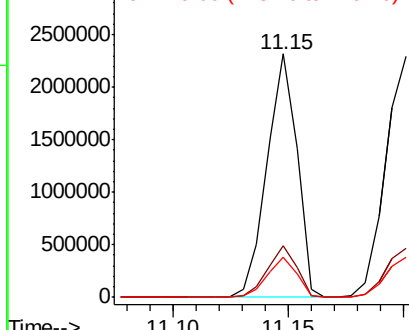


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.162 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

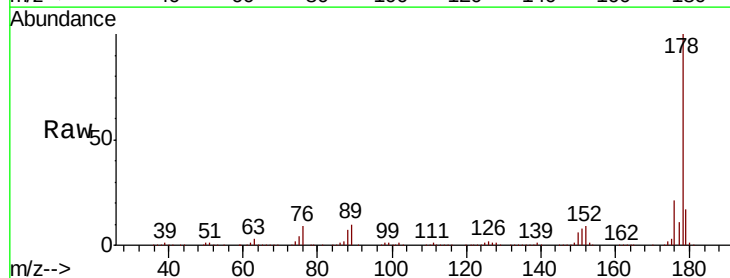
Tgt Ion:178 Resp: 2102033

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.7	12.9	19.3

178 100

176 20.5 16.1 24.1

179 16.7 12.9 19.3

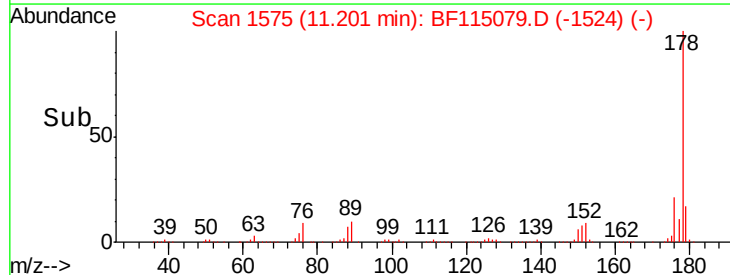
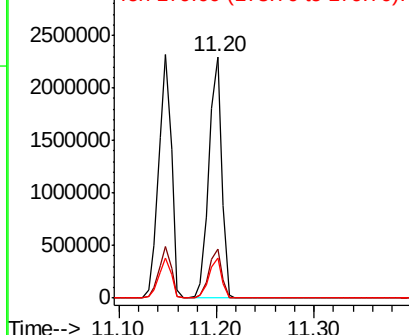


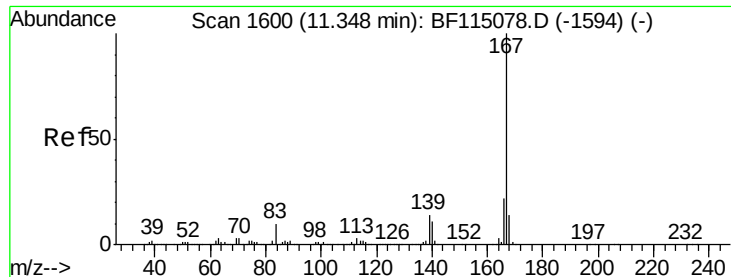
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

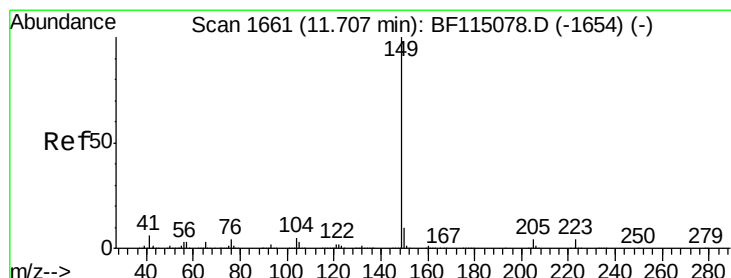
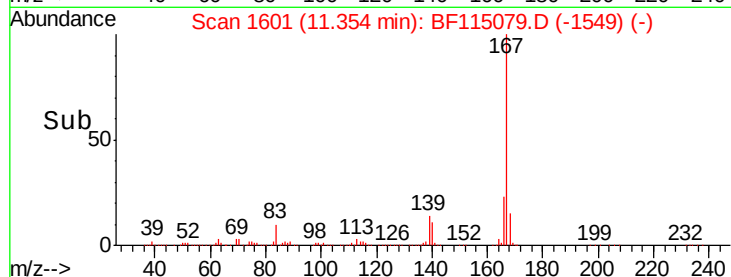
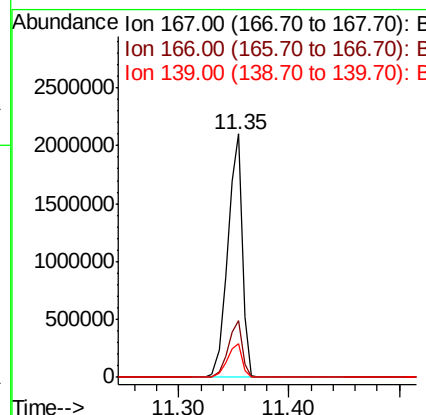
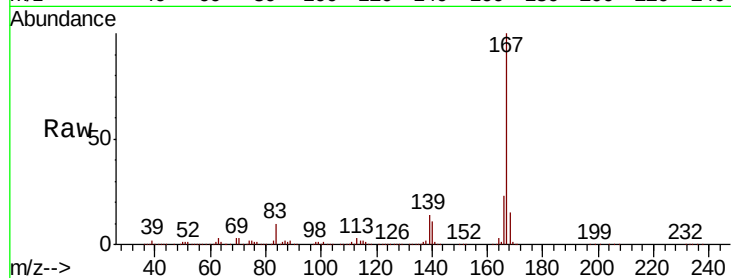




#73
 Carbazole
 Concen: 51.845 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

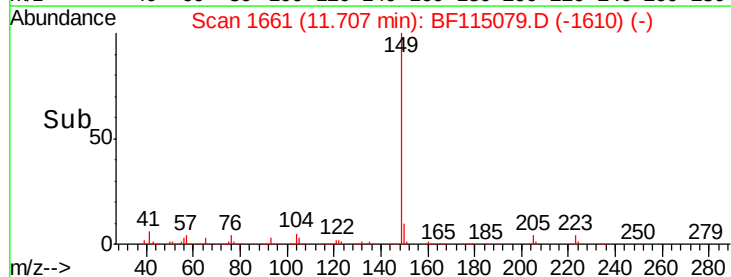
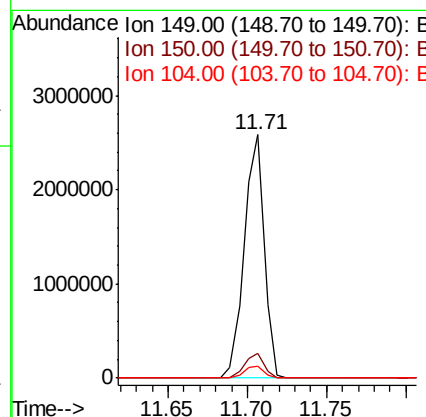
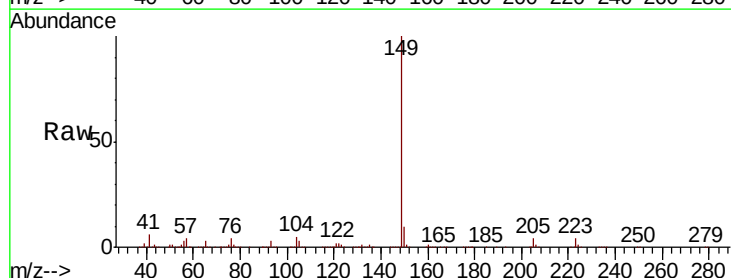
Instrument :
 BNA_F
 ClientSampleId :

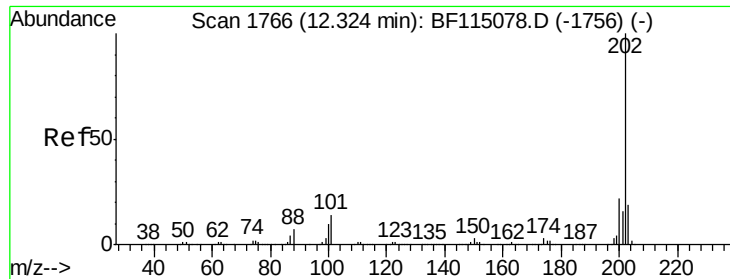
Tot Ion:167 Resp: 1934878
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.0 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 47.691 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion:149 Resp: 2243806
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 49.517 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampled :

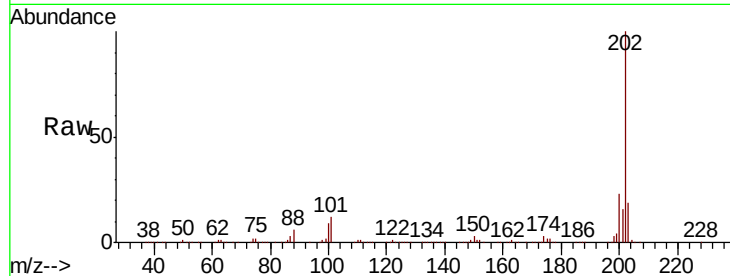
Tot Ion:202 Resp: 2145992

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.0

203 18.6 0.0 38.8

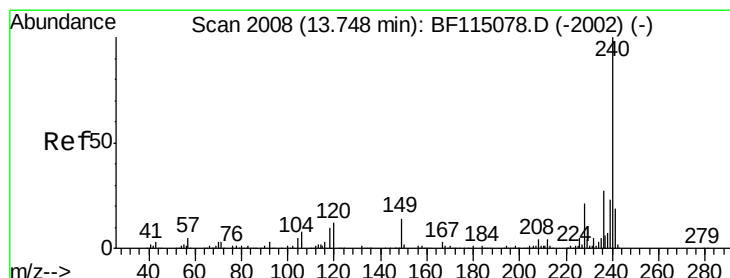
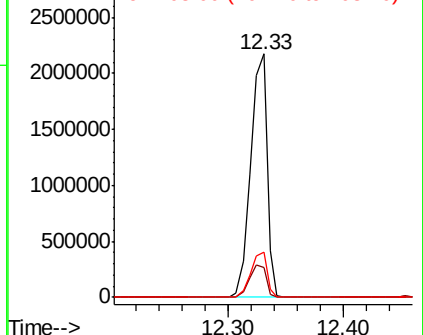
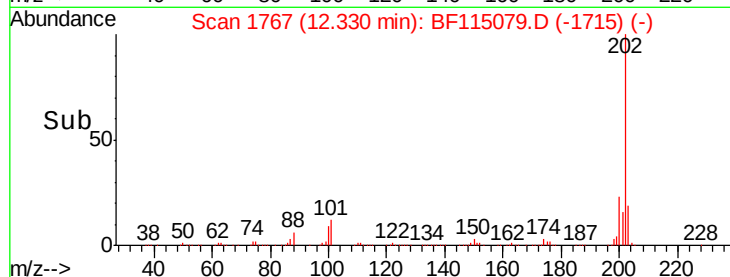


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

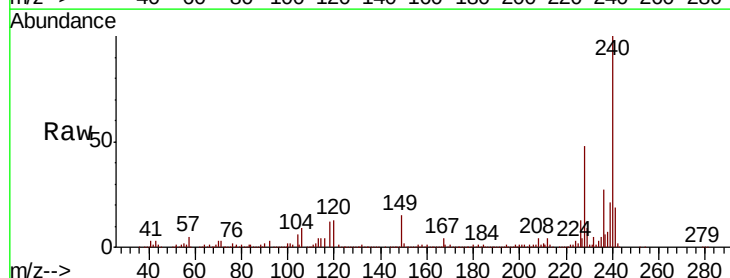
Tgt Ion:240 Resp: 596138

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 27.2 21.7 32.5

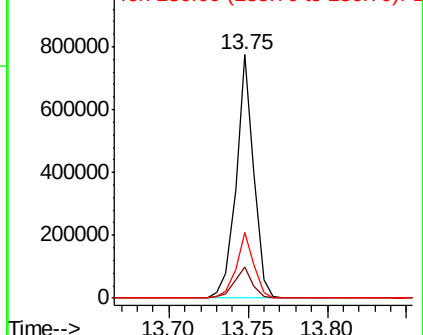
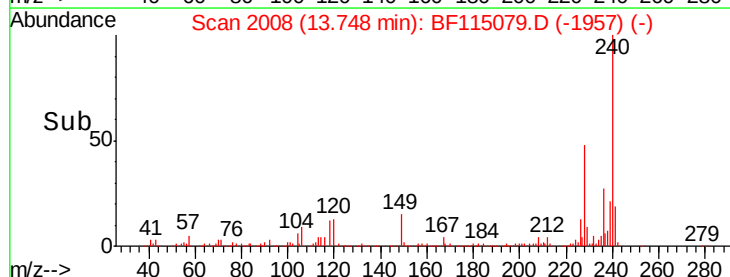


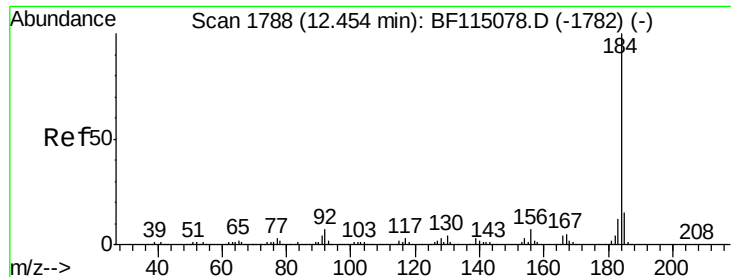
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.798 ng

RT: 12.45 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

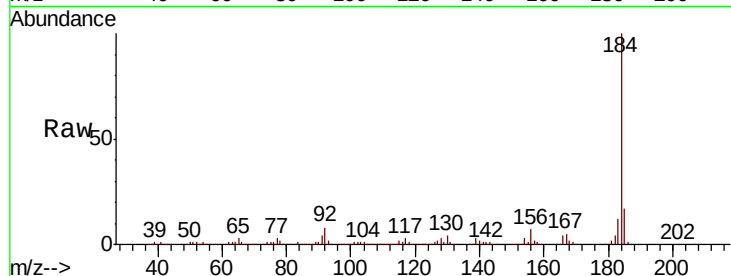
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1321310

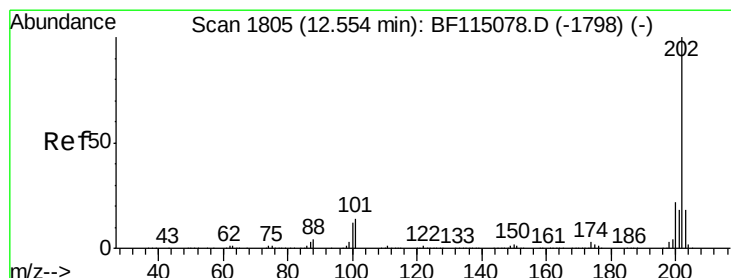
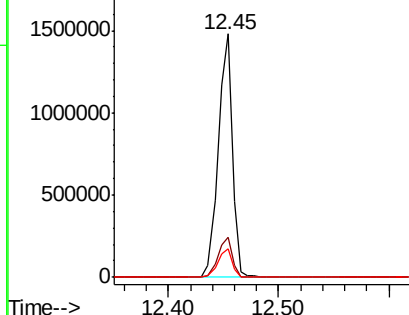
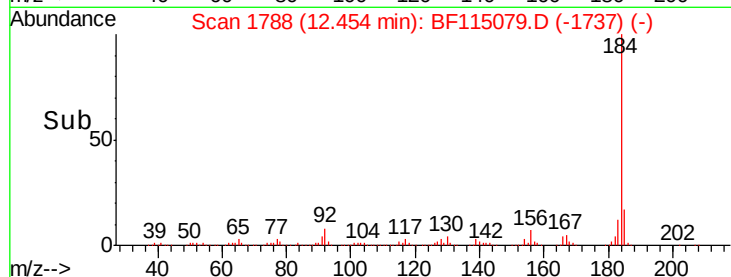
Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.2
183	11.8	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.945 ng

RT: 12.55 min Scan# 1805

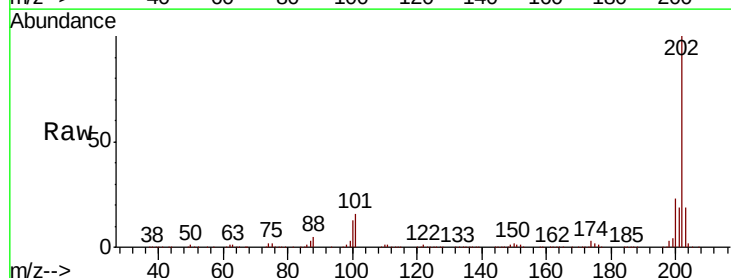
Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:202 Resp: 2223607

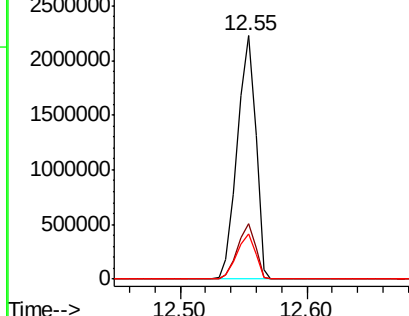
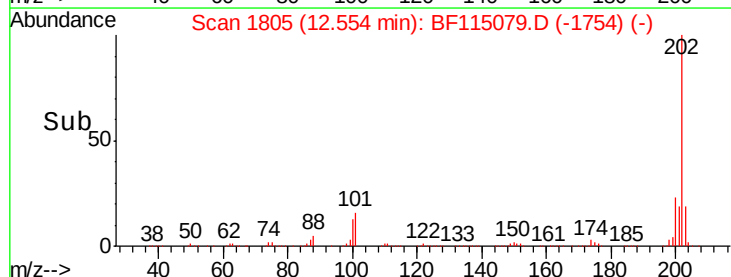
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.9	26.9
203	18.7	14.6	21.8

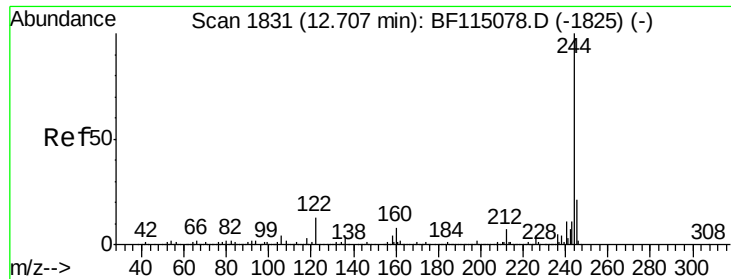


Abundance Ion 202.00 (201.70 to 202.70): E

3000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.597 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

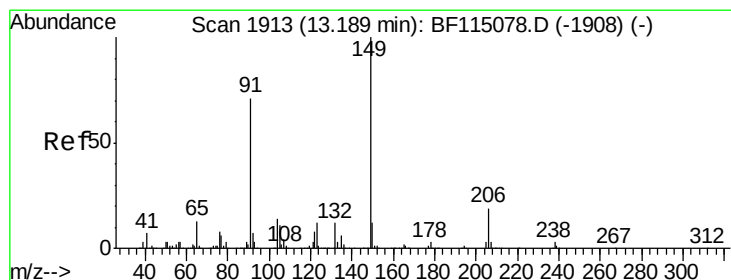
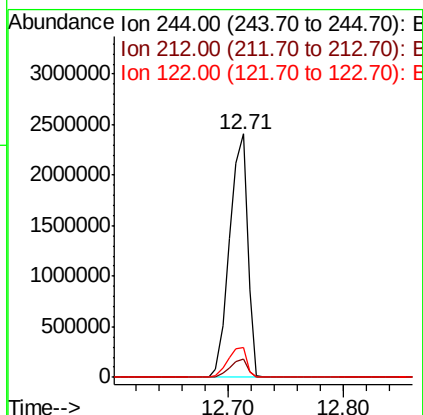
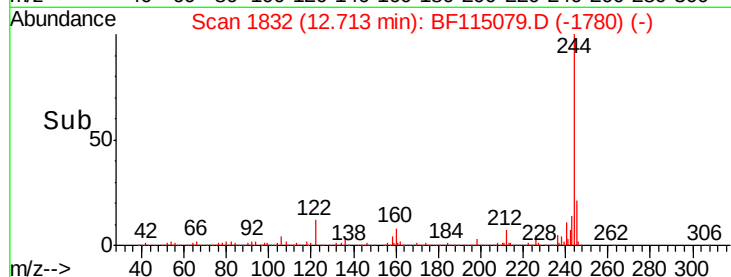
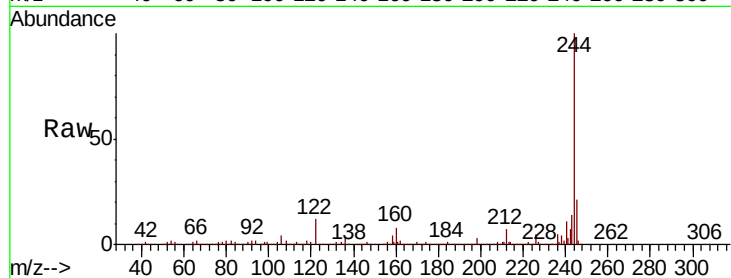
Tot Ion:244 Resp: 2617907

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 12.1 10.4 15.6



#80

Butylbenzylphthalate

Concen: 39.304 ng

RT: 13.19 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

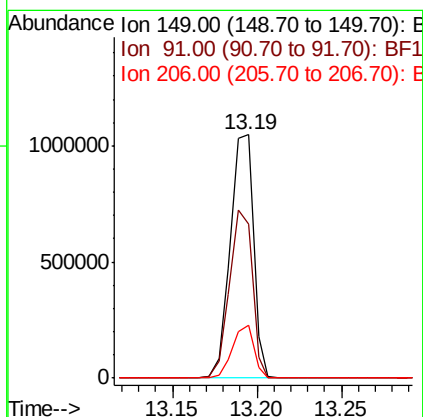
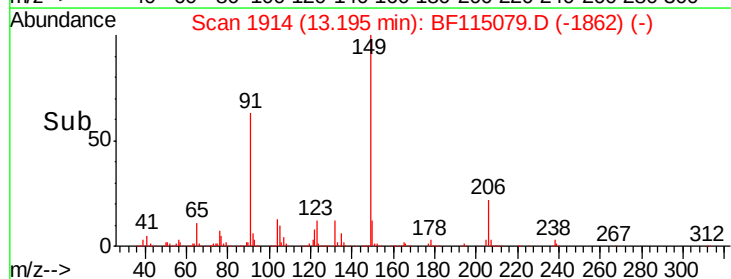
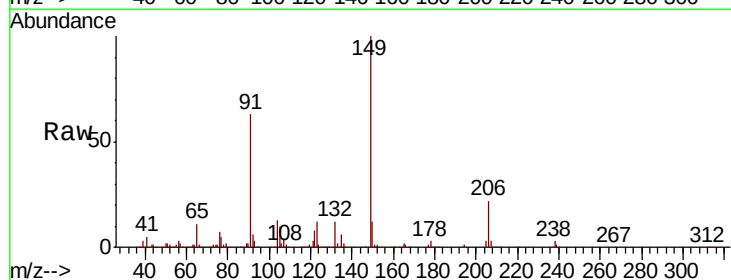
Tgt Ion:149 Resp: 996978

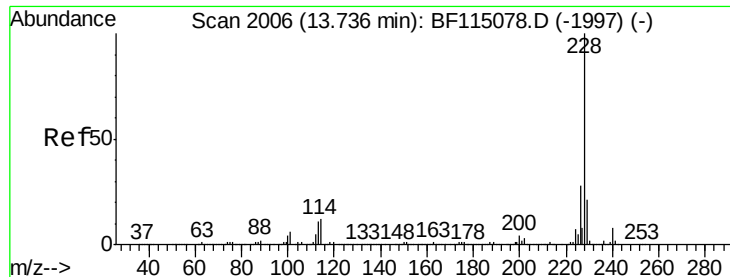
Ion Ratio Lower Upper

149 100

91 63.0 56.5 84.7

206 21.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 46.905 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

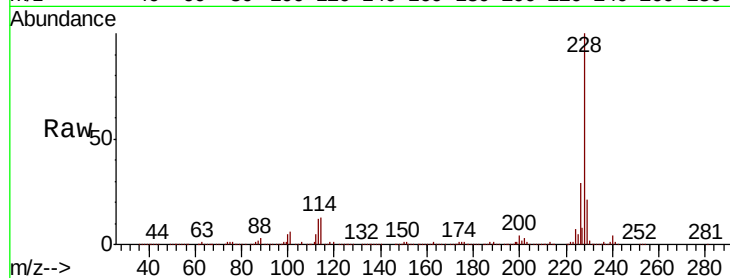
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2092438

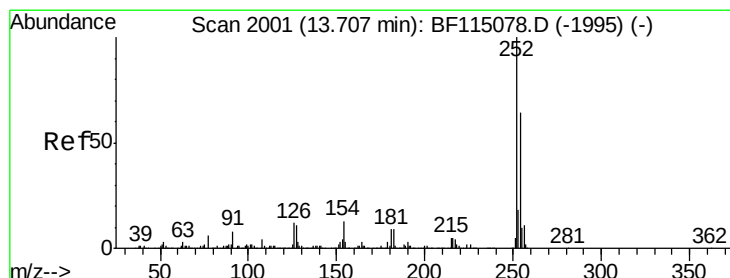
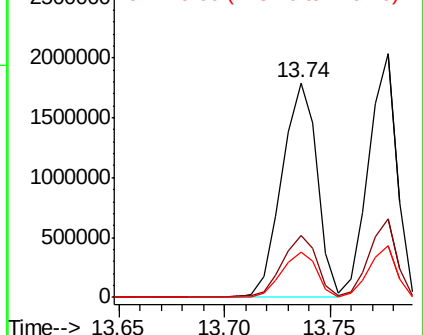
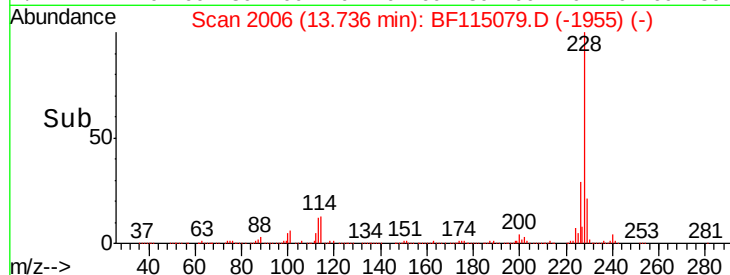
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.0	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.826 ng

RT: 13.71 min Scan# 2001

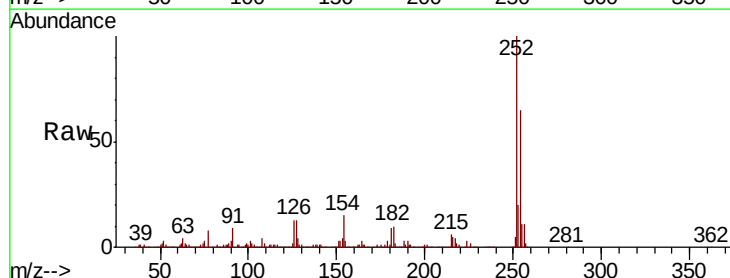
Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Tgt Ion:252 Resp: 766662

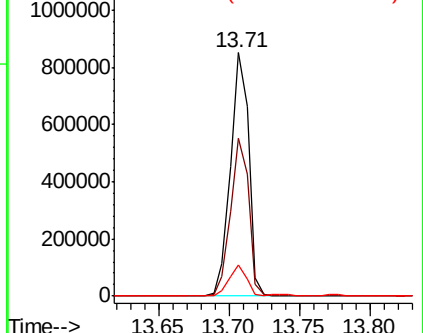
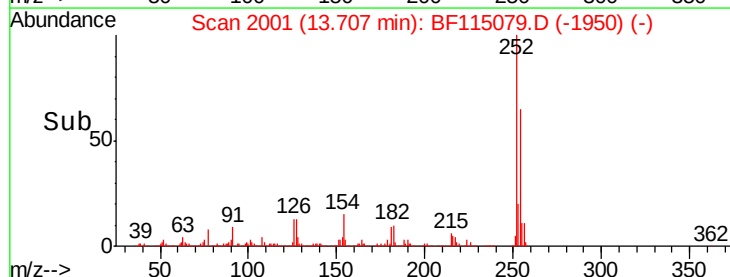
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	13.0	9.4	14.0

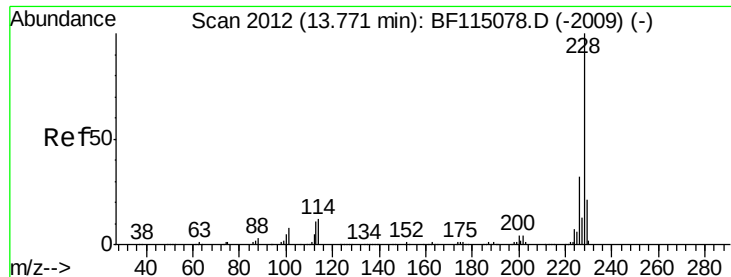


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

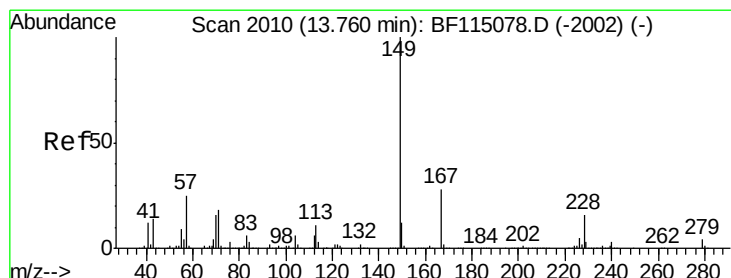
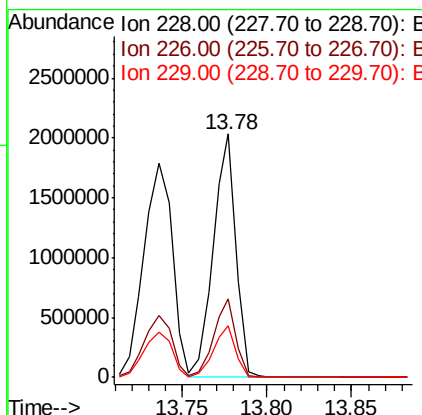
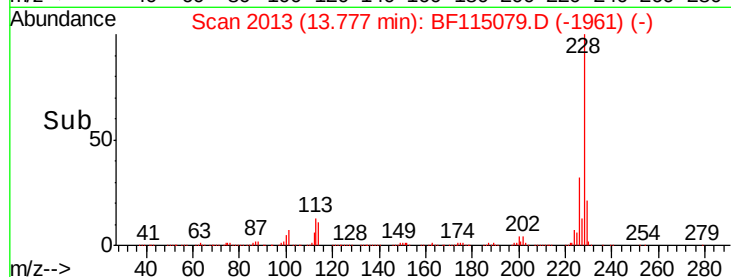
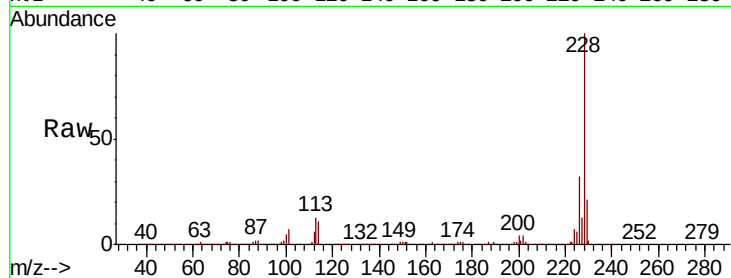




#83
 Chrysene
 Concen: 42.699 ng
 RT: 13.78 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

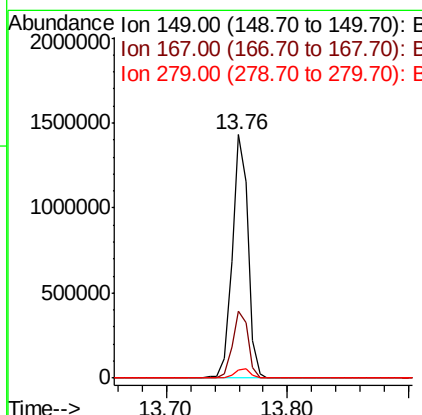
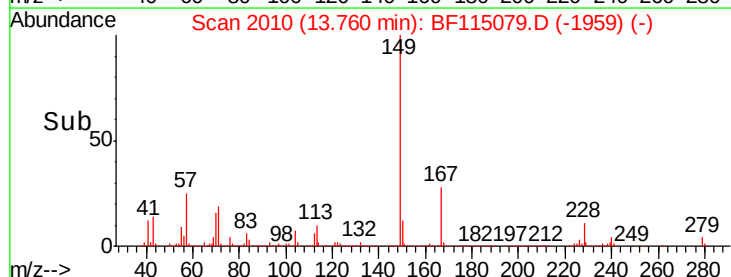
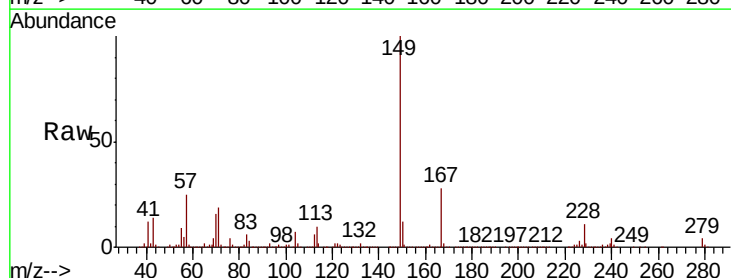
Instrument :
 BNA_F
 ClientSampleId :

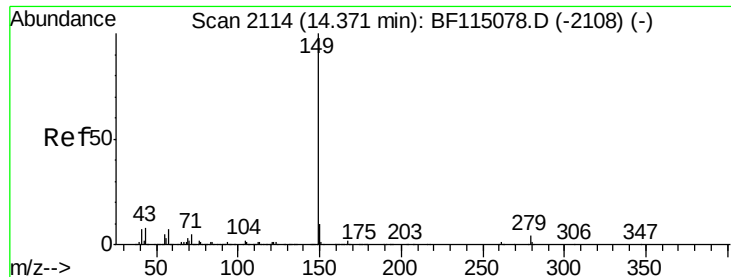
Tot Ion:228 Resp: 1894152
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.4 38.0
 229 20.9 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.154 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF115079.D
 Acq: 21 Jun 2019 15:05

Tgt Ion:149 Resp: 1293738
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.866 ng

RT: 14.37 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

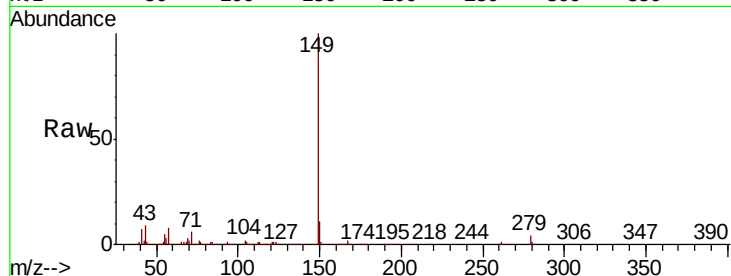
Tot Ion:149 Resp: 2212980

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

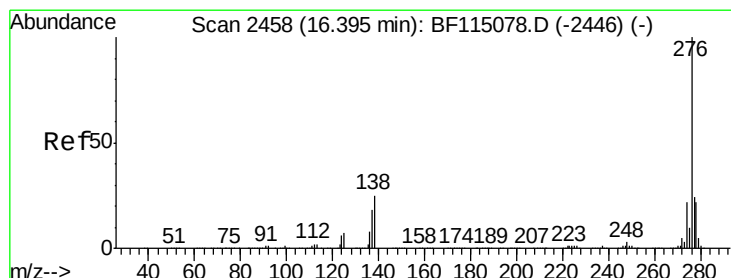
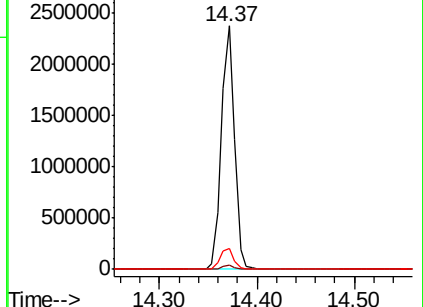
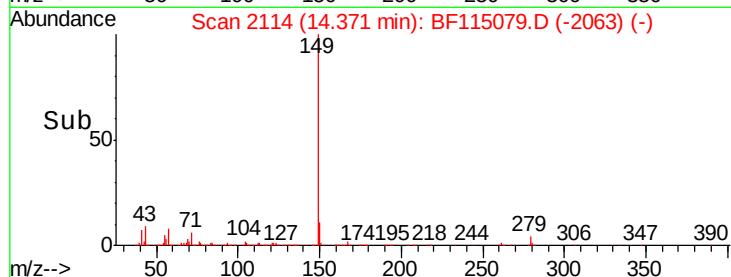
43 8.9 7.0 10.6



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: 56.885 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

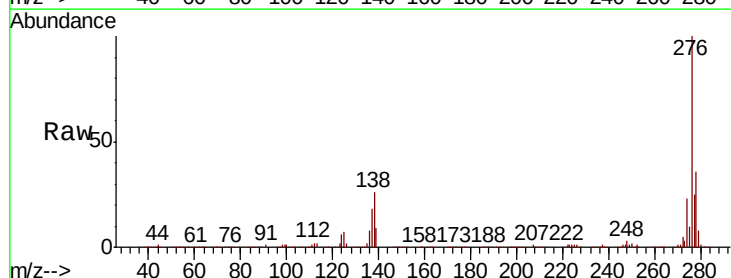
Tgt Ion:276 Resp: 2216629

Ion Ratio Lower Upper

276 100

138 29.0 23.2 34.8

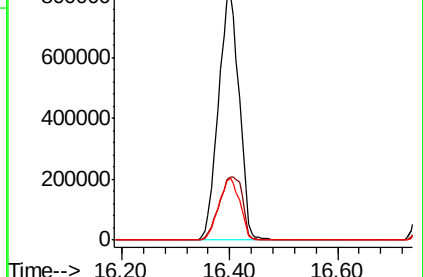
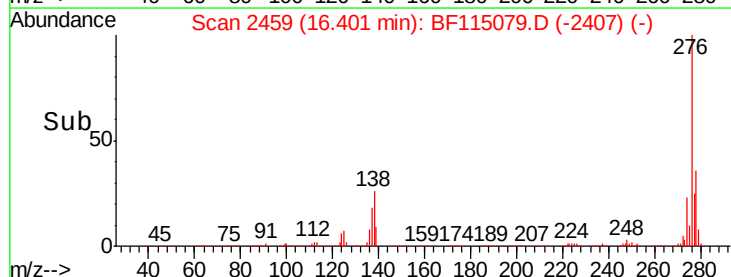
277 25.5 20.1 30.1

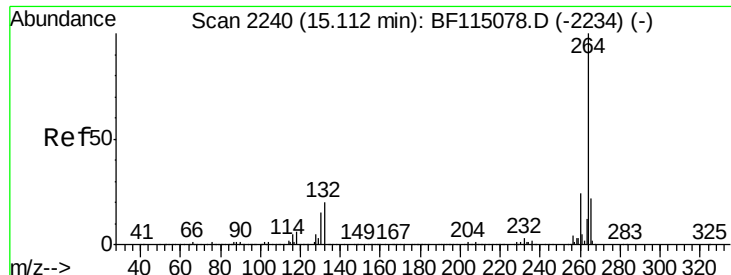


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.11 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

Instrument :

BNA_F

ClientSampleId :

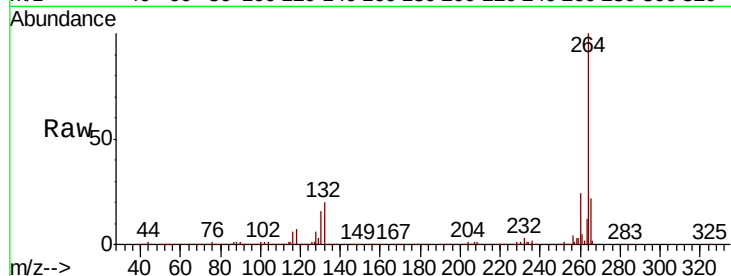
Tot Ion:264 Resp: 697528

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

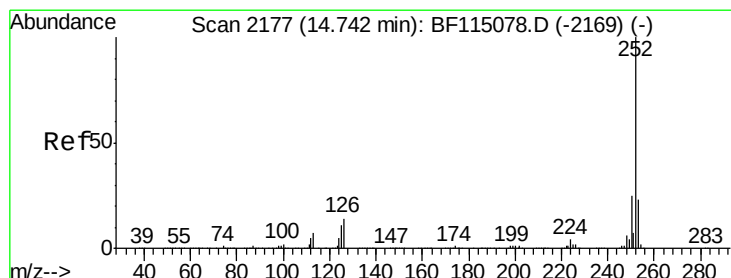
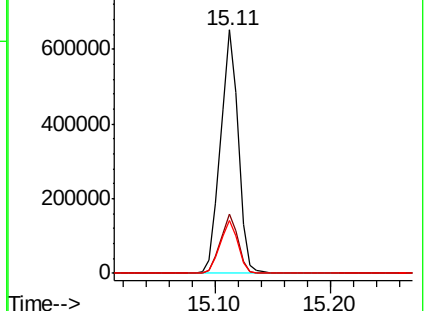
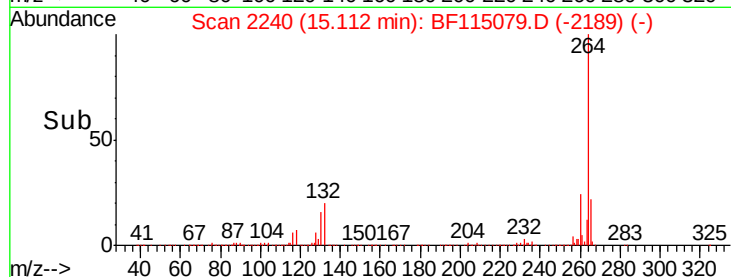
265 21.9 17.3 25.9



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: 45.996 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF115079.D

Acq: 21 Jun 2019 15:05

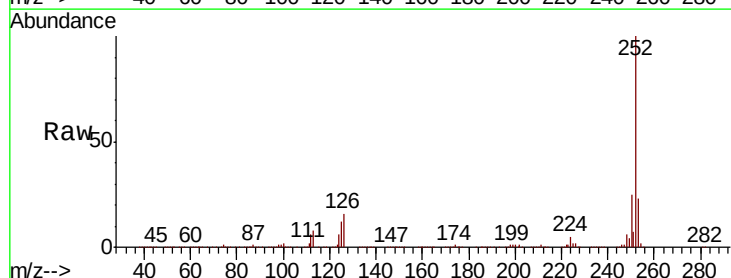
Tgt Ion:252 Resp: 2132779

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

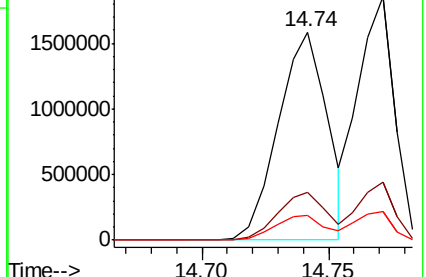
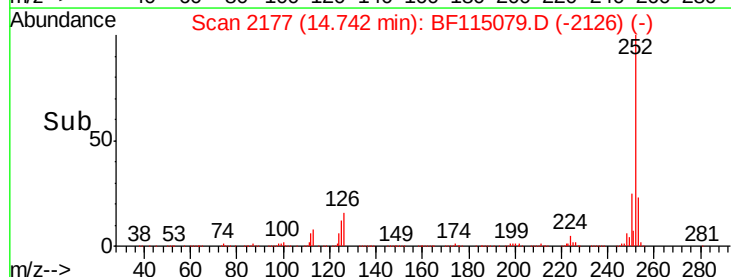
125 11.9 8.7 13.1

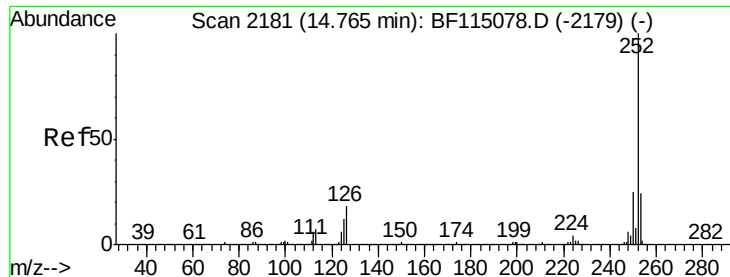


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

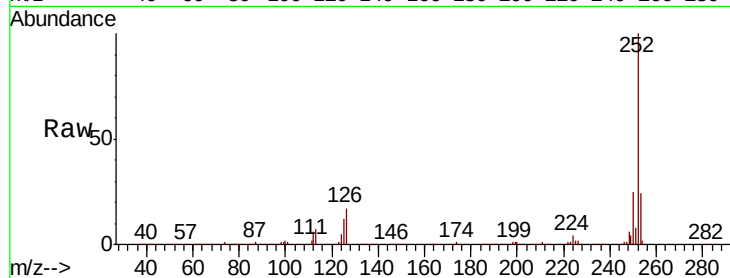




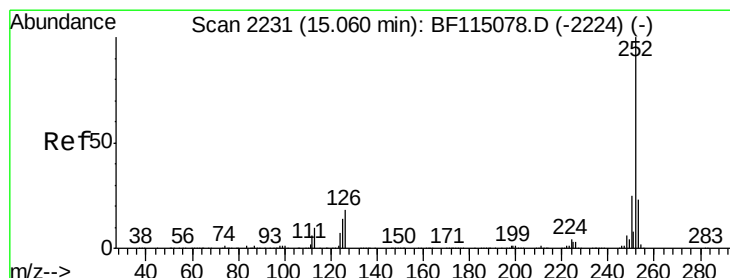
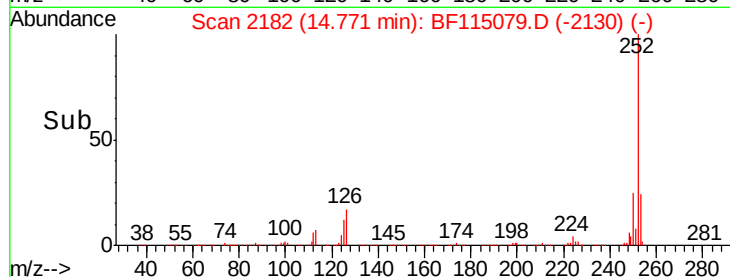
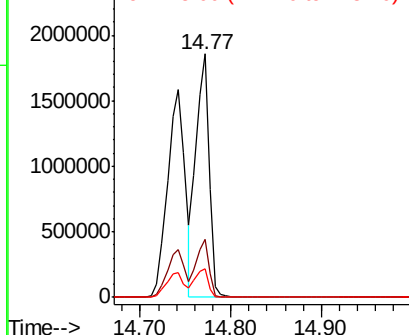
#89
Benzo(k)fluoranthene
Concen: 46.024 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1873190
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 11.7 10.2 15.2

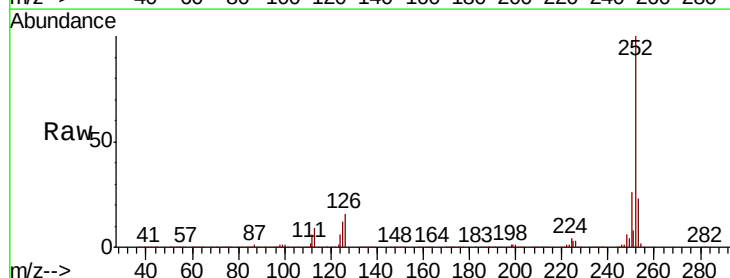


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

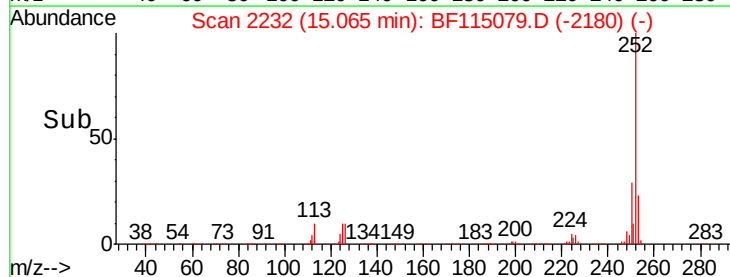
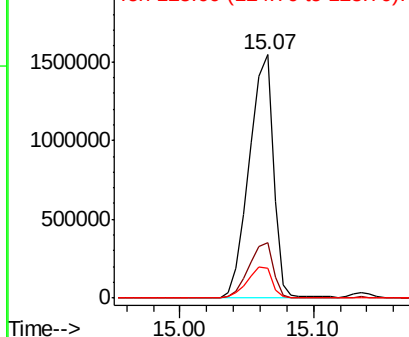


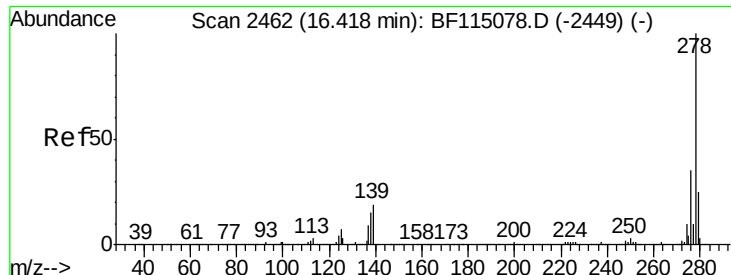
#90
Benzo(a)pyrene
Concen: 48.224 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:252 Resp: 1929530
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 12.1 10.9 16.3



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



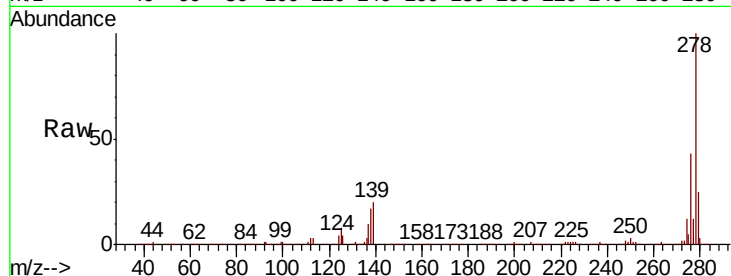


#91
Dibenzo(a,h)anthracene
Concen: 51.206 ng
RT: 16.42 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

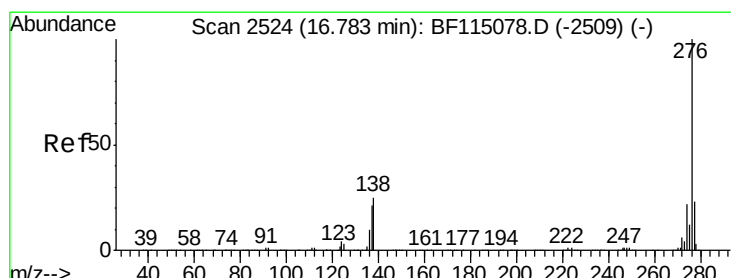
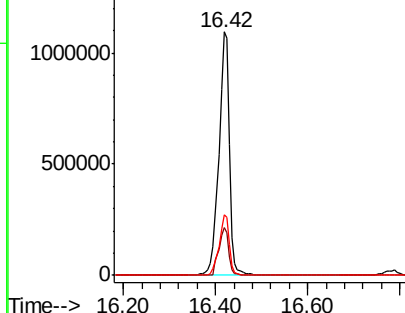
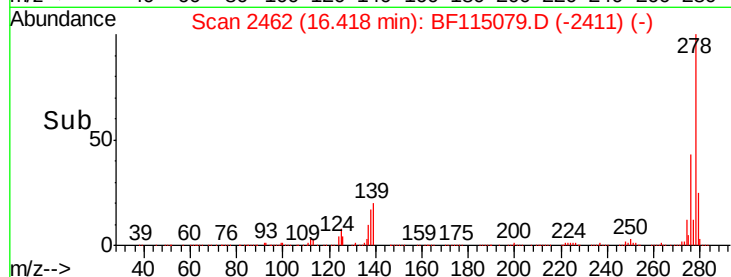
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1764444

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.4	23.2
279	25.0	19.9	29.9



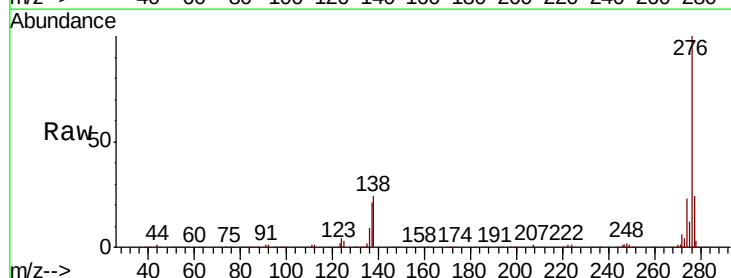
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.775 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF115079.D
Acq: 21 Jun 2019 15:05

Tgt Ion:276 Resp: 1784312

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	24.5	19.8	29.6



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

