

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115028.D
 Acq On : 14 Jun 2019 10:04
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:38:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	323299	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1304844	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	645853	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1242439	20.00	ng	0.00
76) Chrysene-d12	13.78	240	731552	20.00	ng	0.00
87) Perylene-d12	15.15	264	763454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1592767	82.26	ng	0.00
7) Phenol-d6	6.30	99	1932328	82.73	ng	0.00
23) Nitrobenzene-d5	7.22	82	1794870	82.80	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	578177	83.60	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	3017872	79.19	ng	0.00
79) Terphenyl-d14	12.74	244	2992169	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	373140	41.172	ng	99
3) Pyridine	2.94	79	1025446	40.189	ng	100
4) n-Nitrosodimethylamine	2.90	42	376549	41.567	ng	97
6) Aniline	6.32	93	1276581	40.814	ng	# 75
8) 2-Chlorophenol	6.44	128	919155	41.867	ng	99
9) Benzaldehyde	6.19	77	561365	43.163	ng	99
10) Phenol	6.32	94	1057209	40.458	ng	98
11) bis(2-Chloroethyl)ether	6.39	93	852862	42.051	ng	99
12) 1,3-Dichlorobenzene	6.59	146	1052132	41.029	ng	99
13) 1,4-Dichlorobenzene	6.67	146	1050594	40.751	ng	99
14) 1,2-Dichlorobenzene	6.82	146	946979	39.016	ng	99
15) Benzyl Alcohol	6.80	79	548038	31.318	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1090016	40.155	ng	94
17) 2-Methylphenol	6.92	107	766206	41.842	ng	97
18) Hexachloroethane	7.16	117	382881	41.125	ng	99
19) n-Nitroso-di-n-propylamine	7.08	70	584533	41.192	ng	98
20) 3+4-Methylphenols	7.07	107	897408	41.177	ng	# 83
22) Acetophenone	7.07	105	1249735	42.310	ng	# 98
24) Nitrobenzene	7.24	77	934374	42.363	ng	95
25) Isophorone	7.48	82	1702235	41.926	ng	99
26) 2-Nitrophenol	7.55	139	534217	43.454	ng	98
27) 2,4-Dimethylphenol	7.60	122	771710	43.513	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	1089242	41.815	ng	100
29) 2,4-Dichlorophenol	7.80	162	812214	43.352	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	902108	41.671	ng	99
31) Naphthalene	7.96	128	2544674	41.217	ng	99
32) Benzoic acid	7.76	122	501781	39.104	ng	97
33) 4-Chloroaniline	8.00	127	1211130	42.498	ng	99
34) Hexachlorobutadiene	8.08	225	504326	41.912	ng	100
35) Caprolactam	8.40	113	274253	43.950	ng	96
36) 4-Chloro-3-methylphenol	8.50	107	831079	44.017	ng	99
37) 2-Methylnaphthalene	8.65	142	1685618	40.936	ng	98
38) 1-Methylnaphthalene	8.75	142	1619802	41.621	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	774903	40.611	ng	100

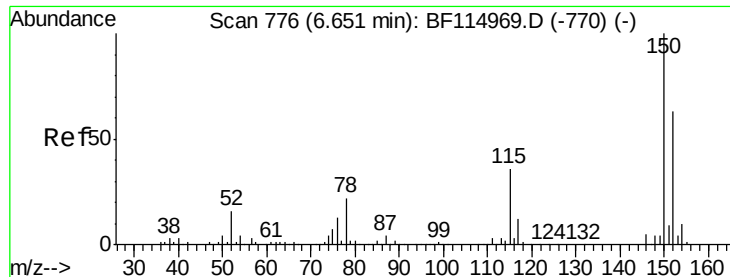
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115028.D
 Acq On : 14 Jun 2019 10:04
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 ClientSampleId :

Quant Time: Jun 14 15:38:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	374101	39.788	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	565556	39.684	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	613009	42.562	ng	97
46) 1,1'-Biphenyl	9.11	154	1998527	38.615	ng	99
47) 2-Chloronaphthalene	9.13	162	1692122	40.431	ng	100
48) 2-Nitroaniline	9.23	65	532158	43.019	ng	99
49) Acenaphthylene	9.55	152	2488191	38.668	ng	99
50) Dimethylphthalate	9.42	163	2004184	41.263	ng	99
51) 2,6-Dinitrotoluene	9.47	165	462862	42.011	ng	91
52) Acenaphthene	9.72	154	1483098	40.285	ng	99
53) 3-Nitroaniline	9.64	138	588269	43.579	ng	99
54) 2,4-Dinitrophenol	9.75	184	237320	44.408	ng	91
55) Dibenzofuran	9.89	168	2139597	38.562	ng	99
56) 4-Nitrophenol	9.81	139	386473	41.517	ng	97
57) 2,4-Dinitrotoluene	9.87	165	595730	42.482	ng	93
58) Fluorene	10.23	166	1539353	40.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	496914	42.713	ng	98
60) Diethylphthalate	10.11	149	1896872	40.844	ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	755195	40.428	ng	99
62) 4-Nitroaniline	10.26	138	598024	44.062	ng	98
63) Azobenzene	10.38	77	1661370	40.891	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	304996	43.798	ng	91
66) n-Nitrosodiphenylamine	10.35	169	1510408	40.669	ng	99
67) 4-Bromophenyl-phenylether	10.71	248	549856	41.218	ng	99
68) Hexachlorobenzene	10.77	284	610800	41.589	ng	98
69) Atrazine	10.87	200	463192	38.683	ng	99
70) Pentachlorophenol	10.97	266	357292	44.796	ng	99
71) Phenanthrene	11.18	178	2530768	39.451	ng	99
72) Anthracene	11.23	178	2516745	38.889	ng	99
73) Carbazole	11.39	167	2373201	42.014	ng	100
74) Di-n-butylphthalate	11.73	149	2748684	38.599	ng	99
75) Fluoranthene	12.36	202	2598729	39.618	ng	100
77) Benzidine	12.48	184	1132267	38.266	ng	99
78) Pyrene	12.59	202	2670013	40.064	ng	99
80) Butylbenzylphthalate	13.21	149	1277492	41.041	ng	95
81) Benzo(a)anthracene	13.77	228	2228727	40.712	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	914459	43.571	ng	# 99
83) Chrysene	13.81	228	2271851	41.733	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1401636	38.099	ng	99
85) Di-n-octyl phthalate	14.38	149	2547016	40.204	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1905214	39.843	ng	100
88) Benzo(b)fluoranthene	14.77	252	2174341	42.843	ng	99
89) Benzo(k)fluoranthene	14.80	252	1868336	41.941	ng	100
90) Benzo(a)pyrene	15.10	252	1855006	42.358	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1534089	40.676	ng	99
92) Benzo(g,h,i)perylene	16.85	276	1572355	40.880	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

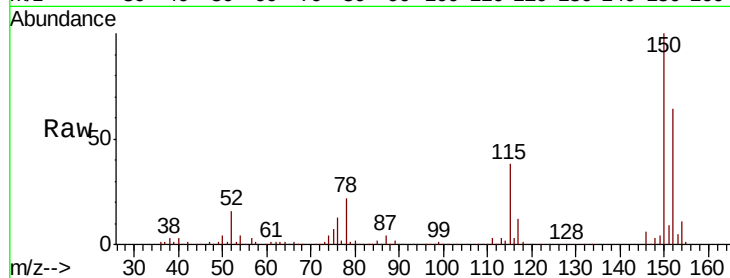
Tot Ion:152 Resp: 323299

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.0

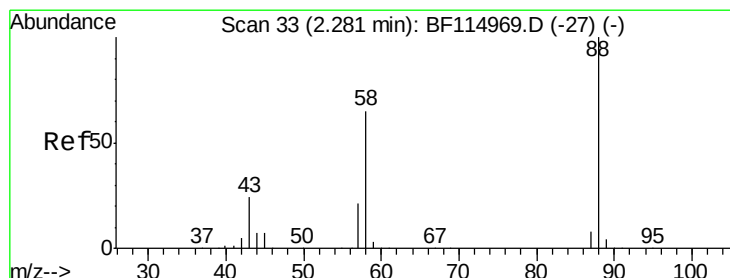
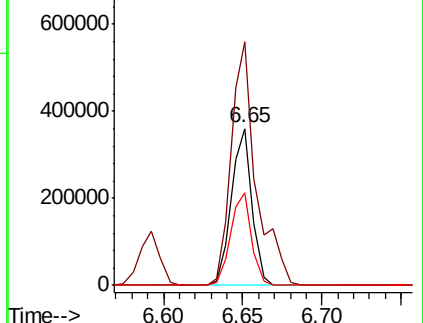
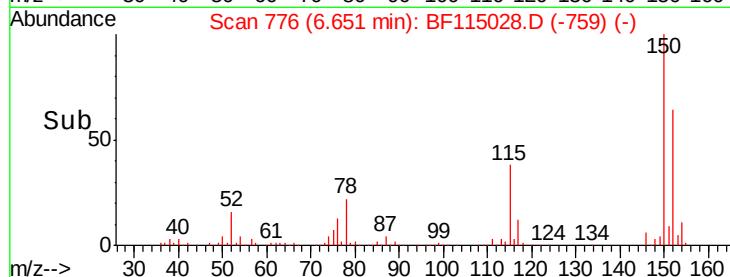
115 59.0 46.0 69.0



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: 41.172 ng

RT: 2.27 min Scan# 31

Delta R.T. -0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

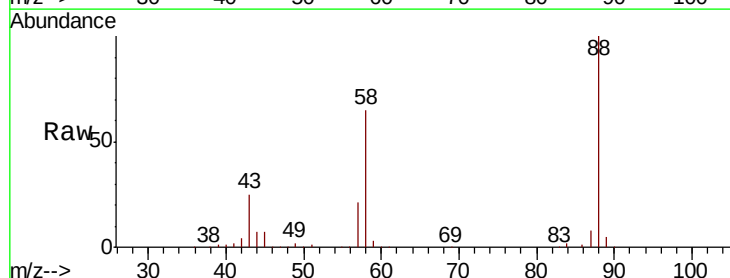
Tgt Ion: 88 Resp: 373140

Ion Ratio Lower Upper

88 100

58 66.1 53.4 80.2

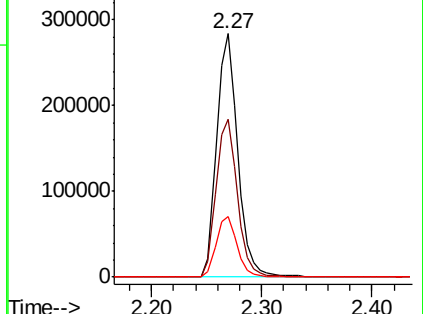
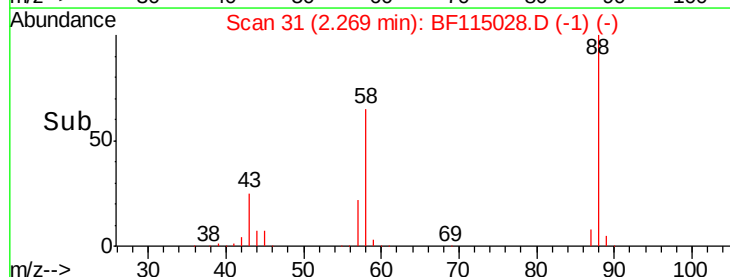
43 25.2 19.7 29.5

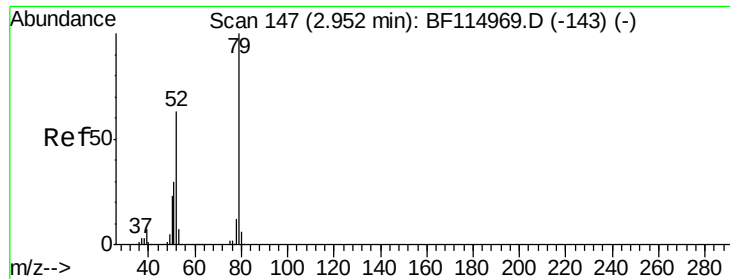


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.189 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

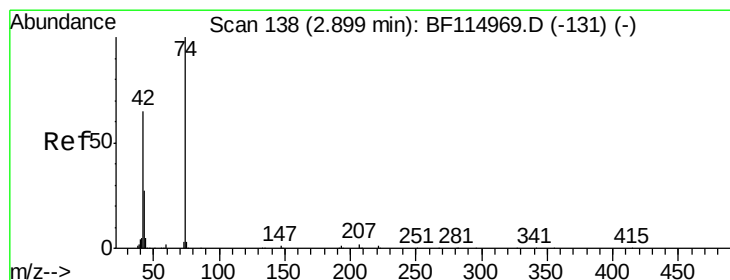
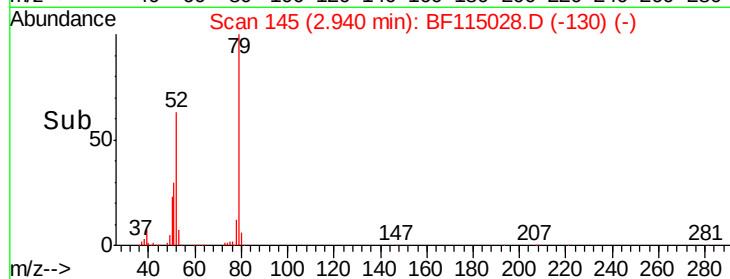
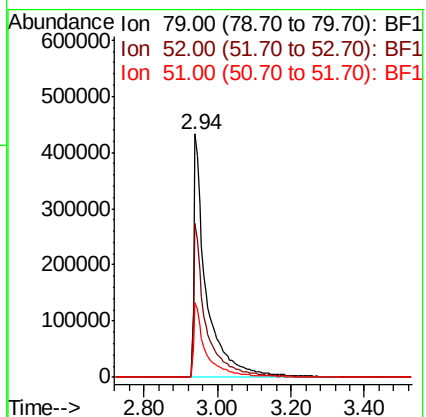
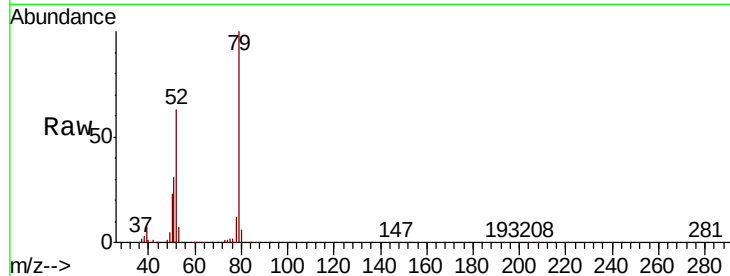
Tot Ion: 79 Resp: 1025446

Ion Ratio Lower Upper

79 100

52 63.2 50.3 75.5

51 30.6 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 41.567 ng

RT: 2.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

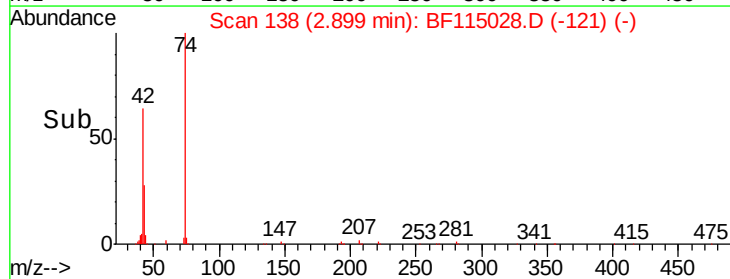
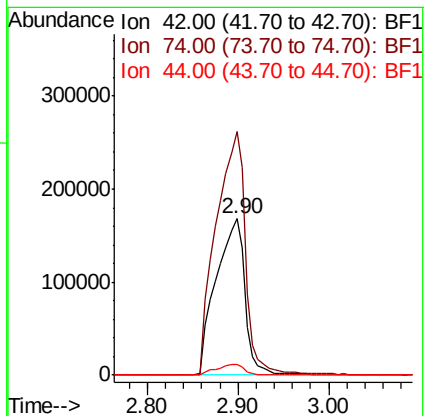
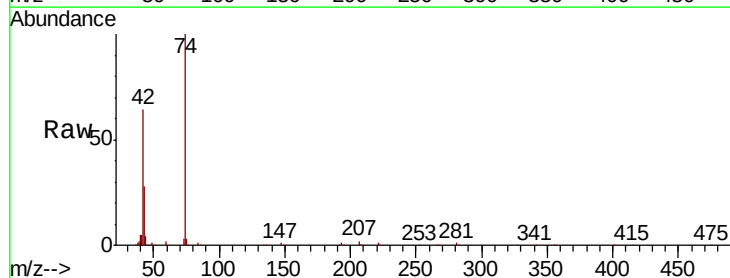
Tgt Ion: 42 Resp: 376549

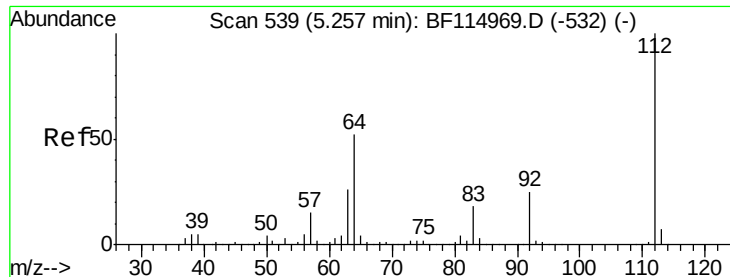
Ion Ratio Lower Upper

42 100

74 155.9 122.2 183.2

44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 82.264 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

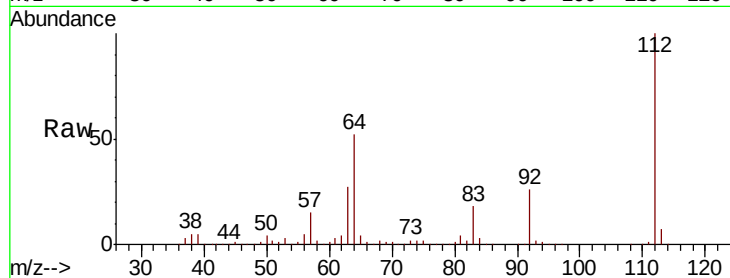
Tot Ion:112 Resp: 1592767

Ion Ratio Lower Upper

112 100

64 51.8 41.6 62.4

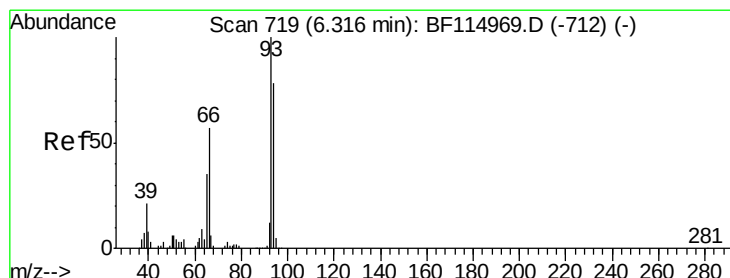
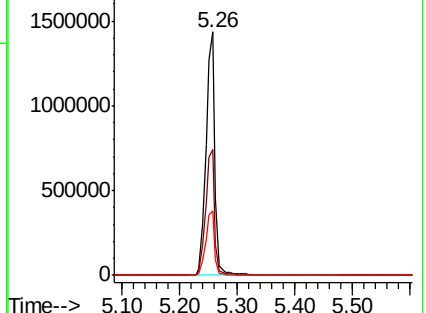
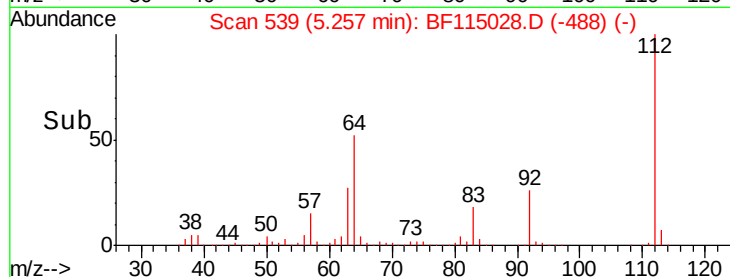
63 26.5 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.814 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

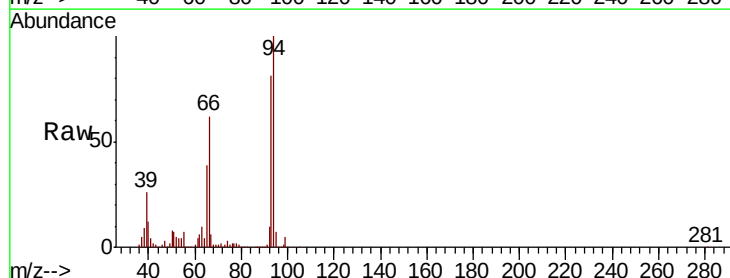
Tgt Ion: 93 Resp: 1276581

Ion Ratio Lower Upper

93 100

66 76.8 46.2 69.2#

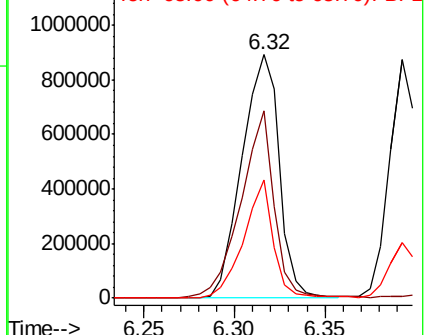
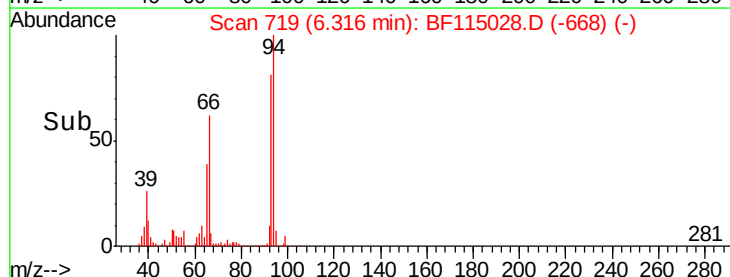
65 48.5 27.7 41.5#

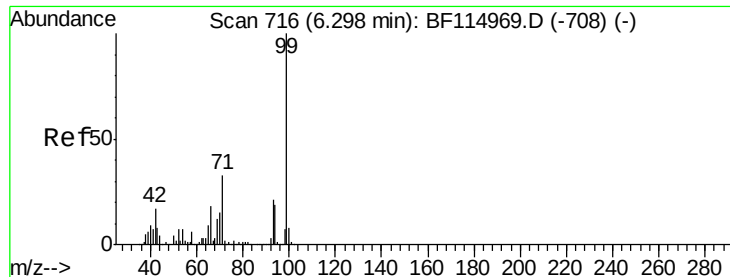


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.735 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

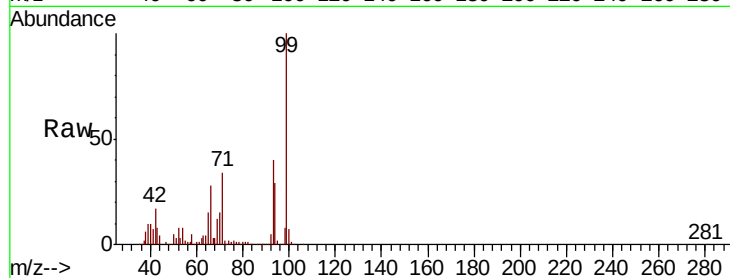
Tot Ion: 99 Resp: 1932328

Ion Ratio Lower Upper

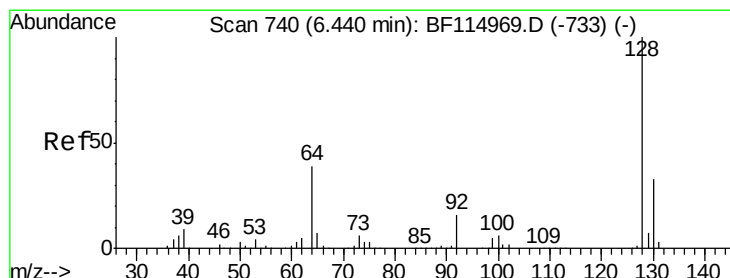
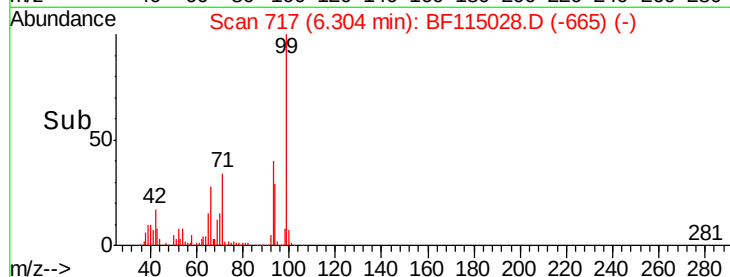
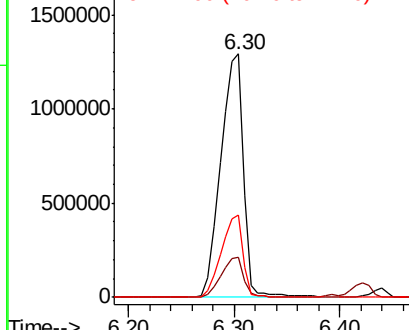
99 100

42 16.7 13.4 20.2

71 33.6 26.4 39.6



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: 41.867 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

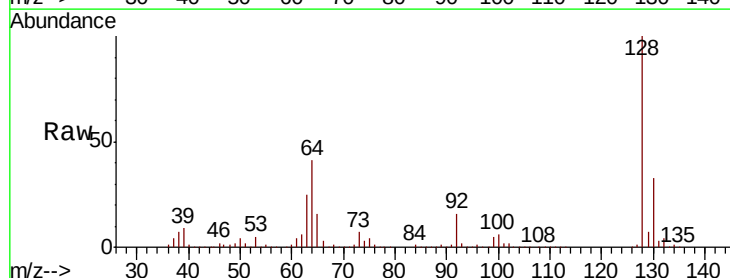
Tgt Ion: 128 Resp: 919155

Ion Ratio Lower Upper

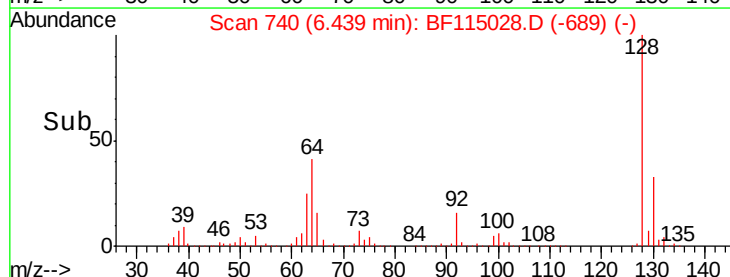
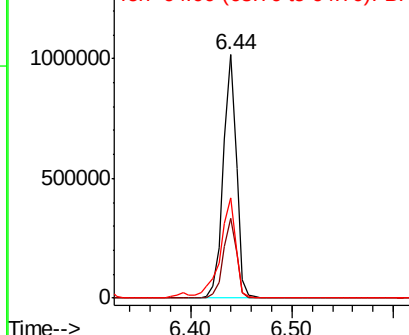
128 100

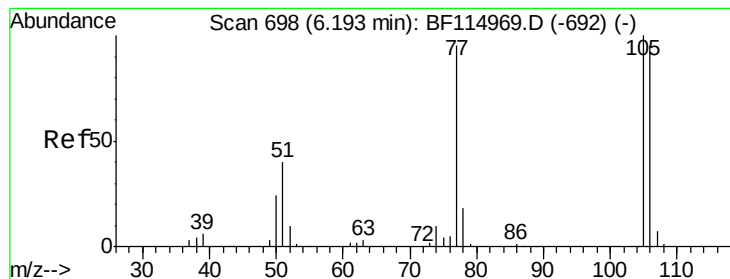
130 32.9 13.4 53.4

64 41.1 20.1 60.1



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: 43.163 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

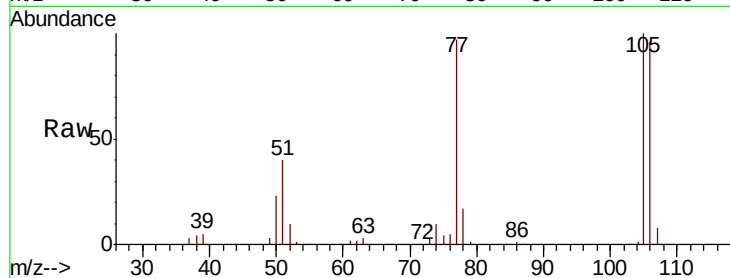
Tot Ion: 77 Resp: 561365

Ion Ratio Lower Upper

77 100

105 103.5 85.1 125.1

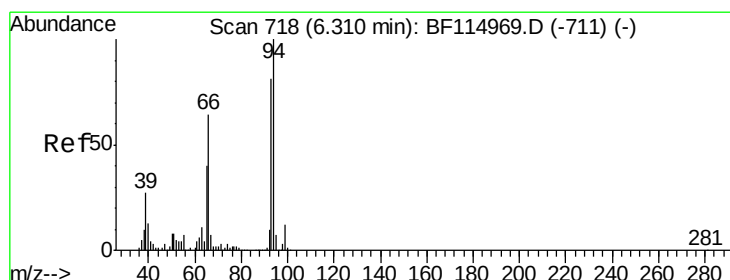
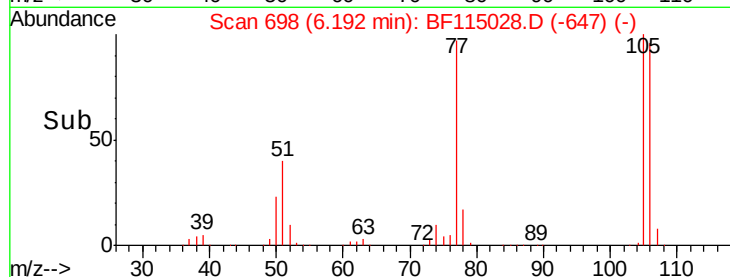
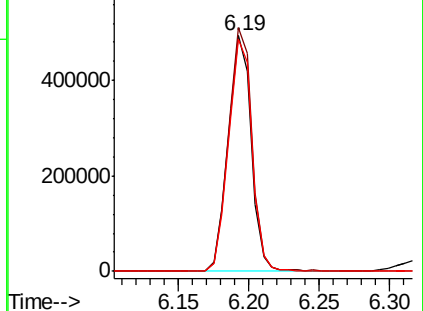
106 98.9 80.0 120.0



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: 40.458 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

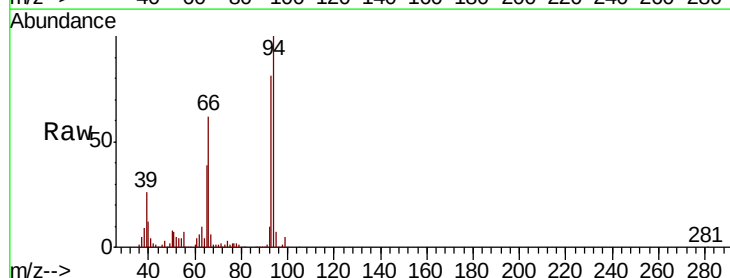
Tgt Ion: 94 Resp: 1057209

Ion Ratio Lower Upper

94 100

65 39.1 20.0 60.0

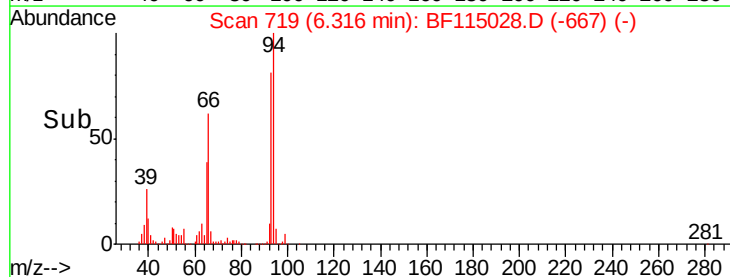
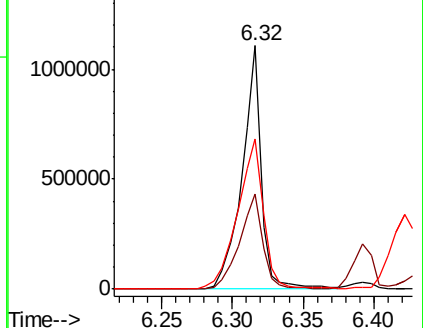
66 61.9 44.1 84.1

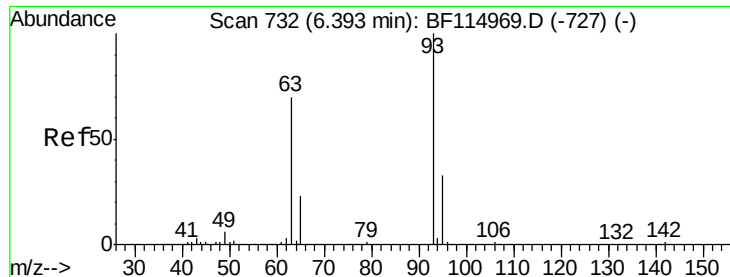


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.051 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

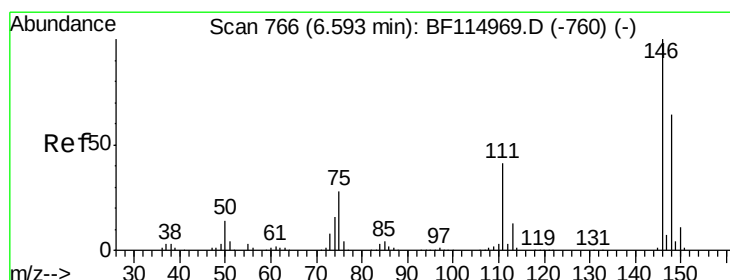
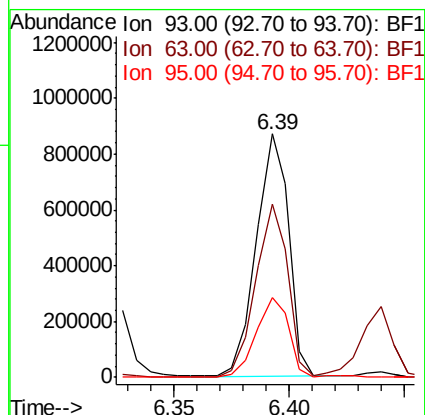
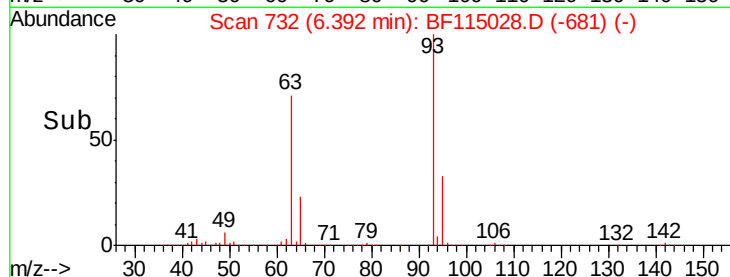
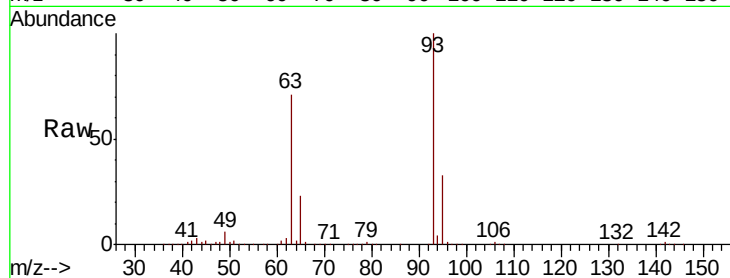
Tot Ion: 93 Resp: 852862

Ion Ratio Lower Upper

93 100

63 71.3 49.8 89.8

95 33.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 41.029 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

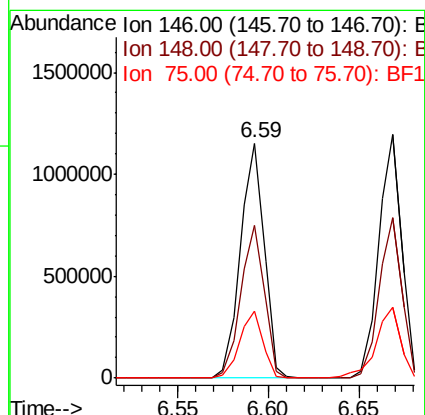
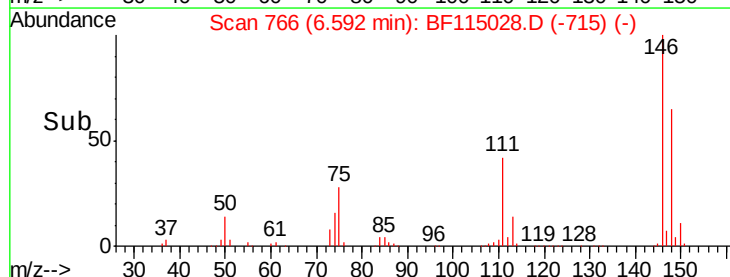
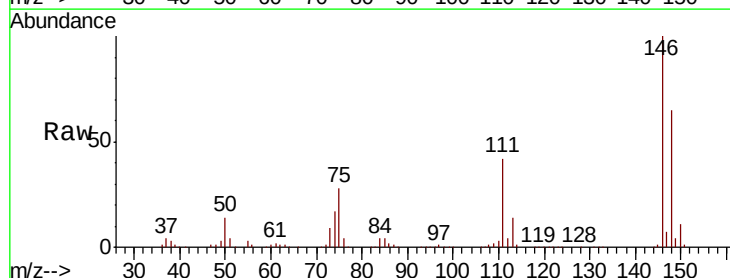
Tgt Ion: 146 Resp: 1052132

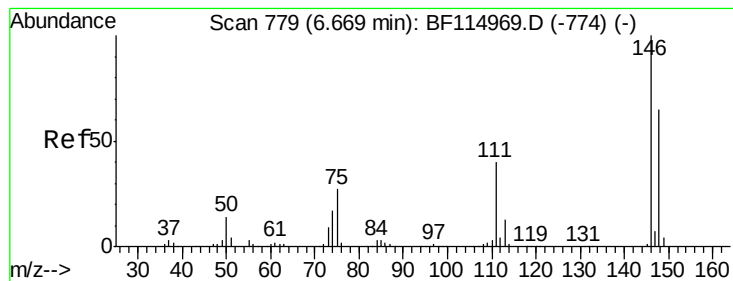
Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

75 28.2 22.3 33.5





#13

1,4-Dichlorobenzene

Concen: 40.751 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

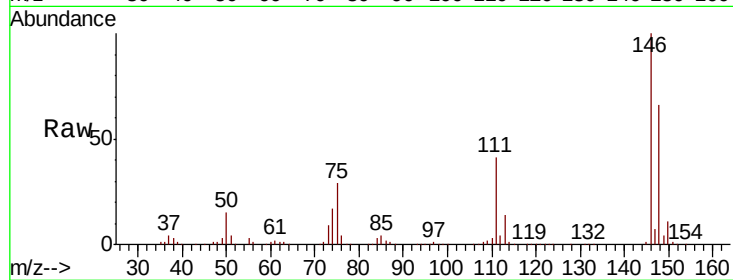
Tot Ion:146 Resp: 1050594

Ion Ratio Lower Upper

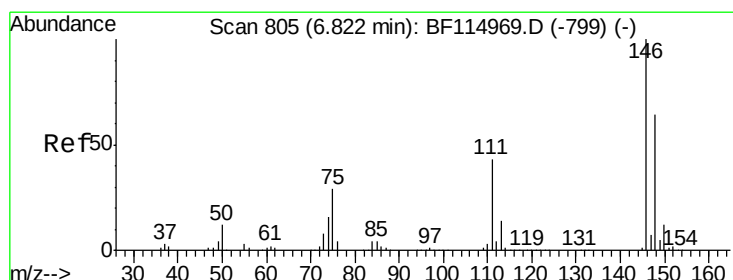
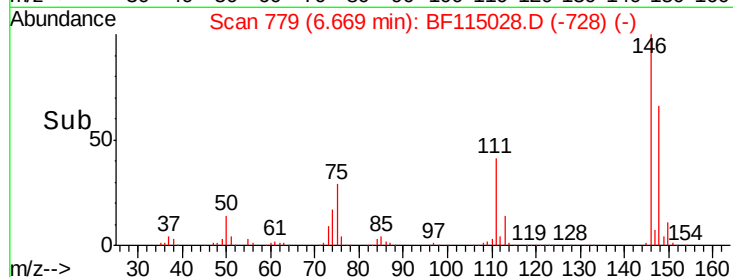
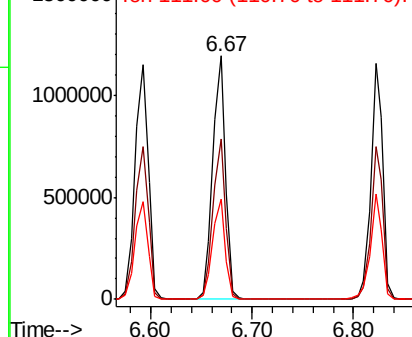
146 100

148 66.0 52.2 78.2

111 41.1 32.4 48.6



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



#14

1,2-Dichlorobenzene

Concen: 39.016 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

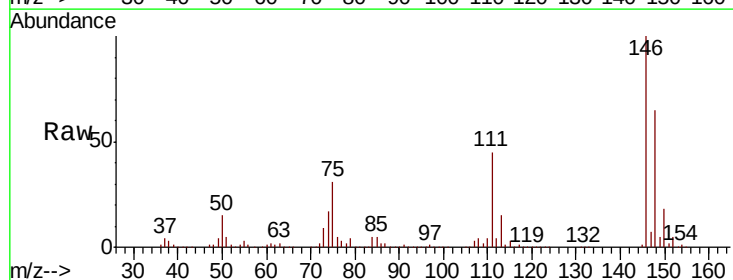
Tgt Ion:146 Resp: 946979

Ion Ratio Lower Upper

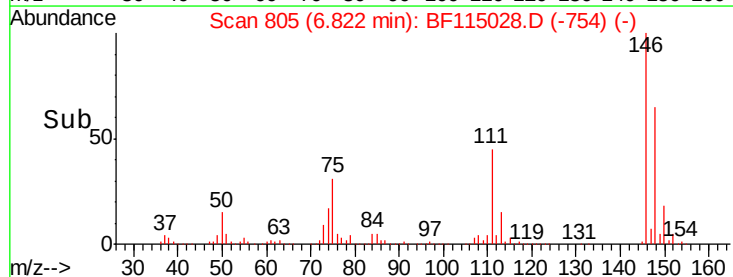
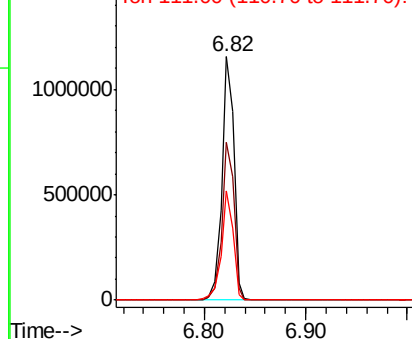
146 100

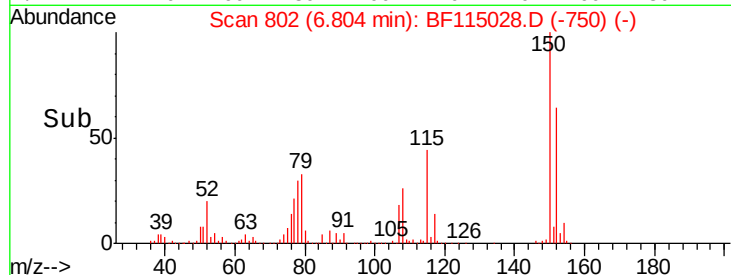
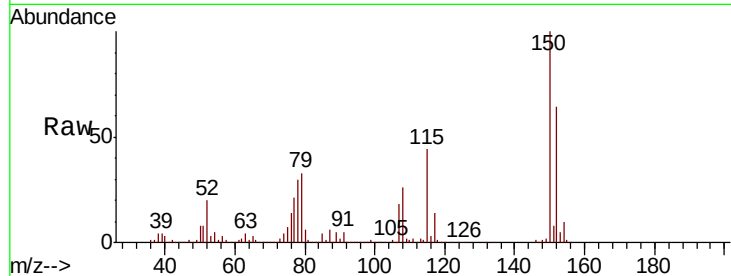
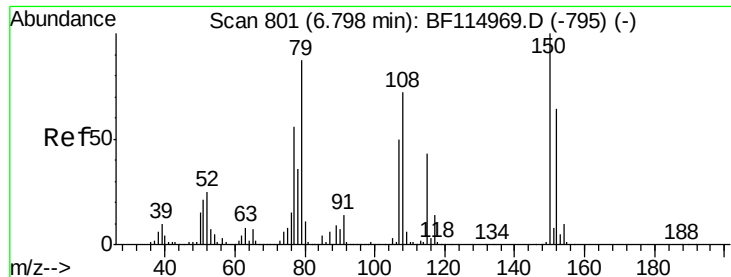
148 64.7 51.5 77.3

111 44.8 34.6 51.8



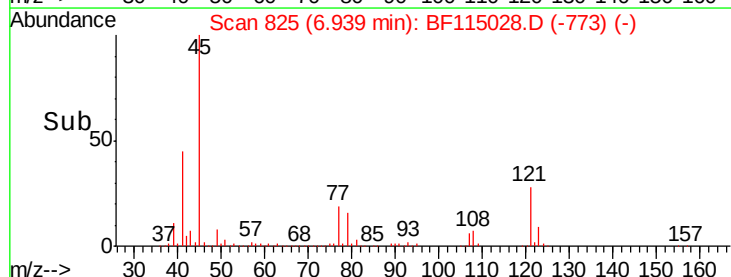
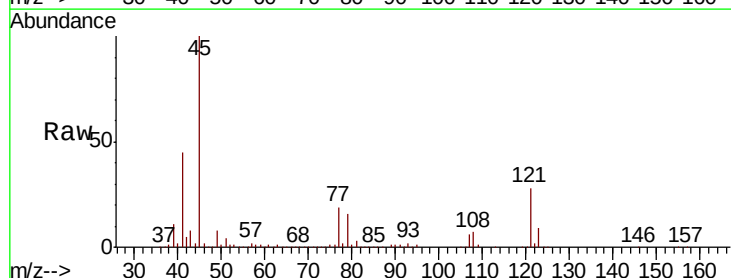
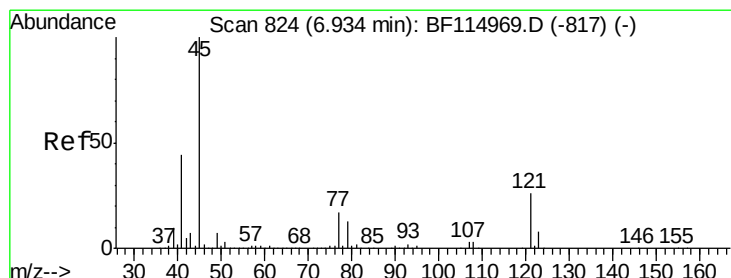
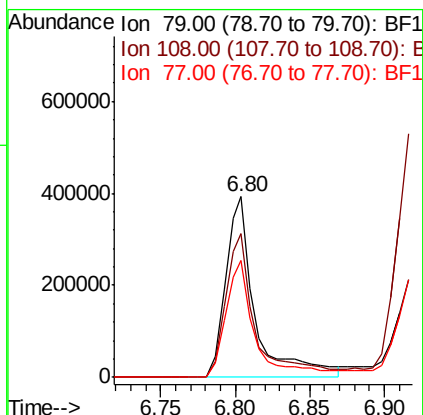
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





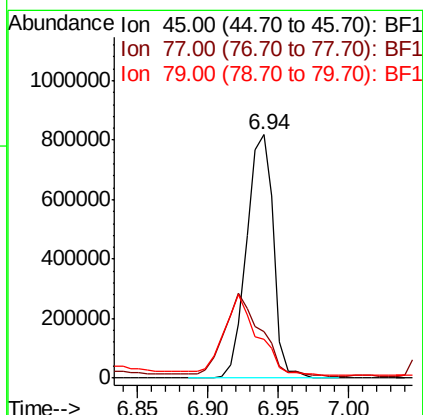
#15
Benzyl Alcohol
Concen: 31.318 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

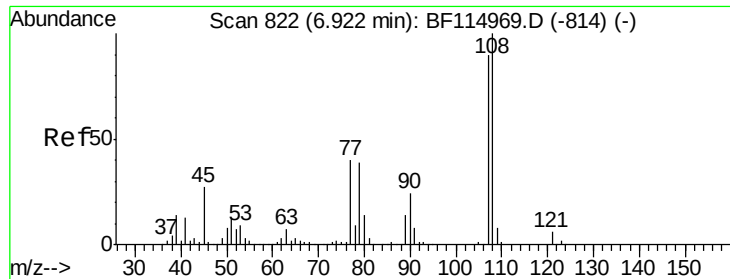
Tot Ion: 79 Resp: 548038
Ion Ratio Lower Upper
79 100
108 79.8 66.0 99.0
77 64.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.155 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion: 45 Resp: 1090016
Ion Ratio Lower Upper
45 100
77 19.3 0.0 37.0
79 15.9 0.0 33.1

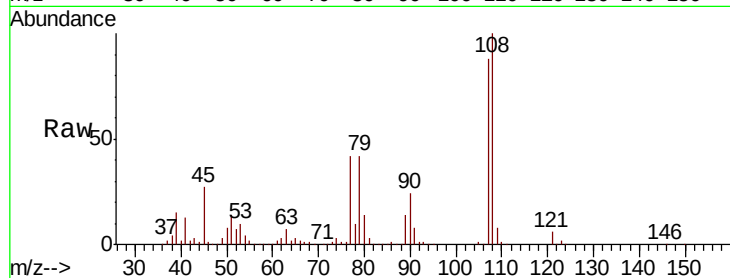




#17
2-Methylphenol
Concen: 41.842 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.3	133.9
77	48.0	35.4	53.2
79	47.1	34.9	52.3



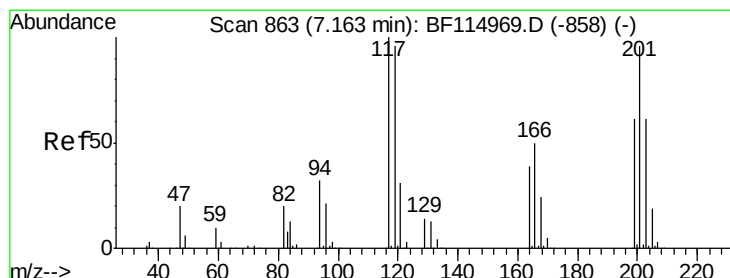
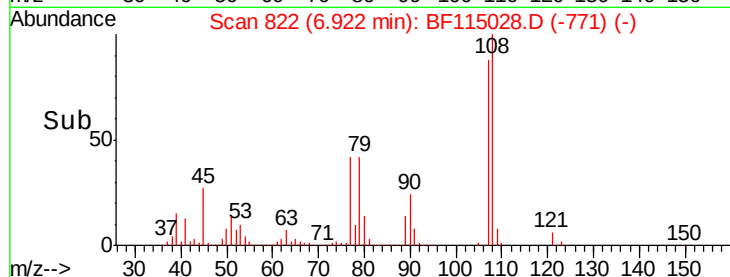
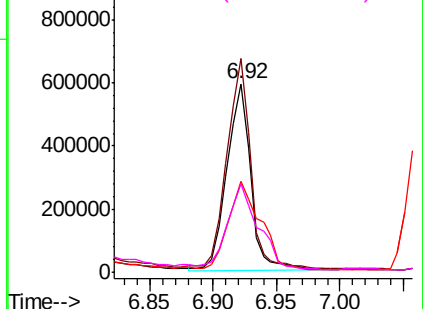
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

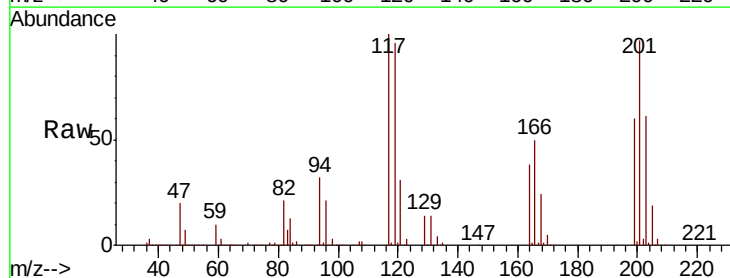
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.125 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
201	96.6	76.6	115.0

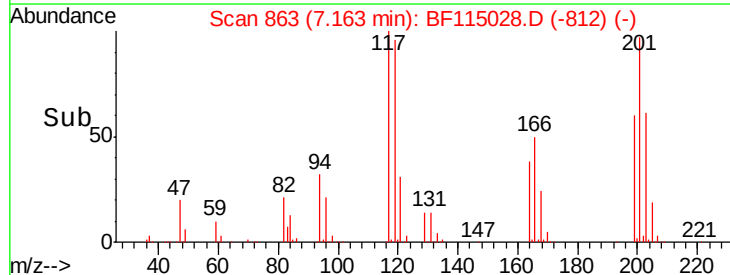
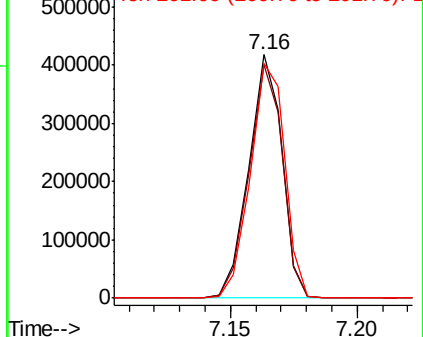


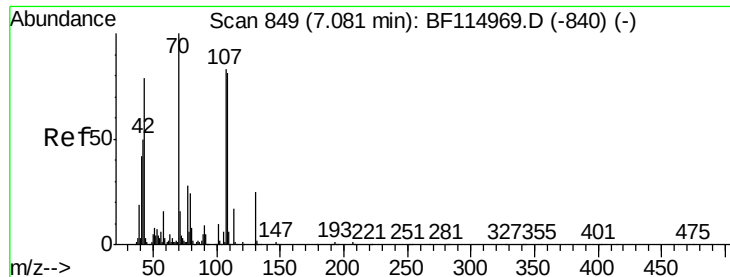
Abundance

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

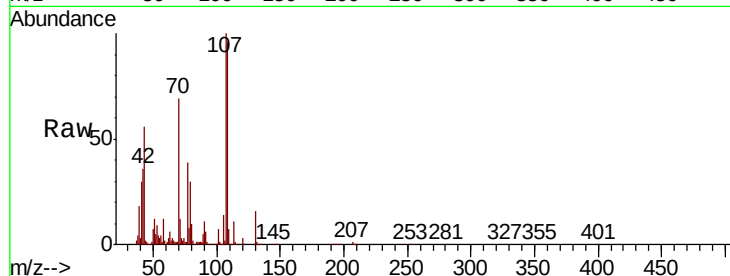




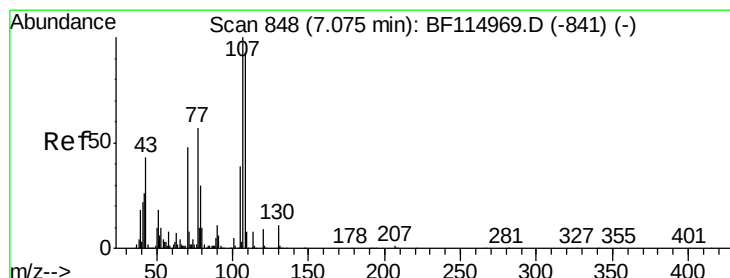
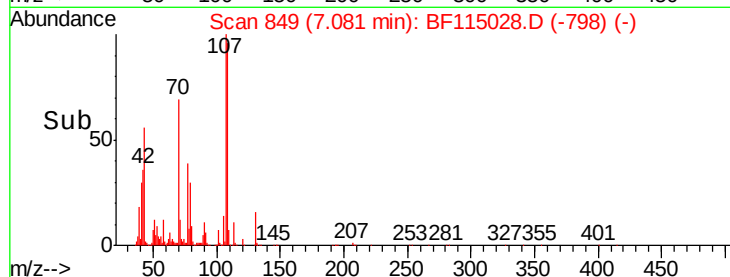
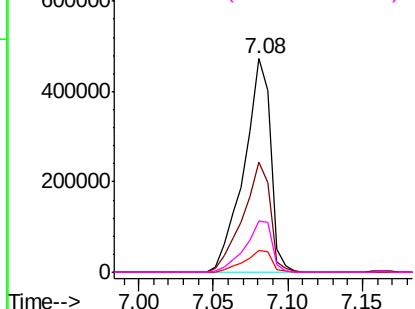
#19
n-Nitroso-di-n-propylamine
Concen: 41.192 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	584533
Ion	Ratio	Lower	Upper
70	100		
42	51.6	40.3	60.5
101	10.3	8.2	12.4
130	23.8	20.3	30.5

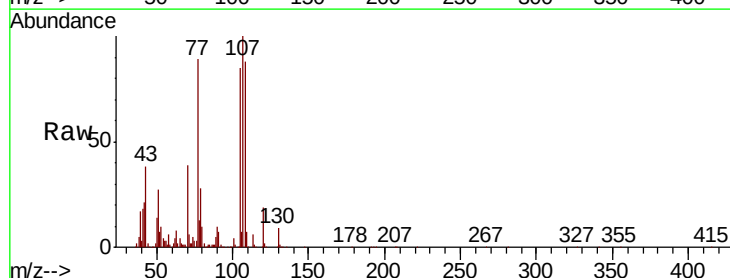


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

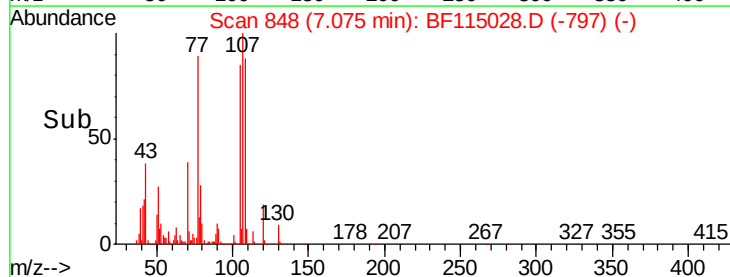
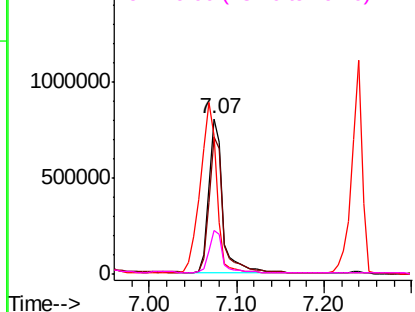


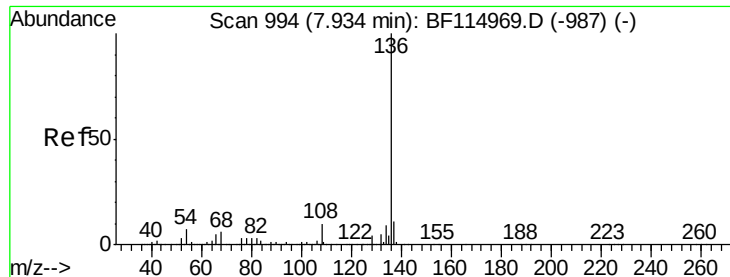
#20
3+4-Methylphenols
Concen: 41.177 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:	107	Resp:	897408
Ion	Ratio	Lower	Upper
107	100		
108	88.2	73.1	113.1
77	89.0	37.3	77.3#
79	28.2	9.6	49.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1304844

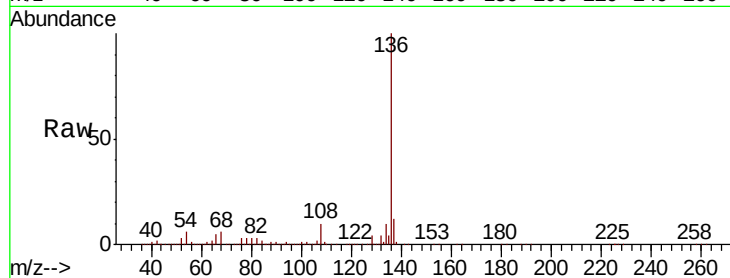
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 6.4 5.4 8.0

68 5.6 4.6 7.0

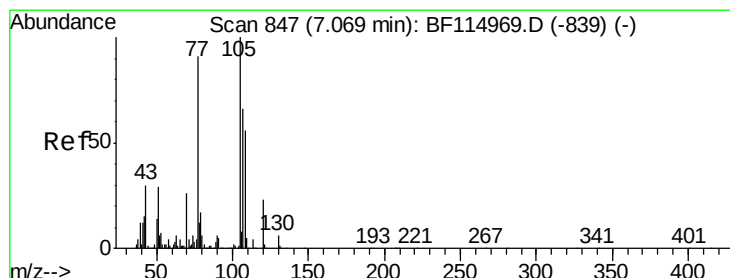
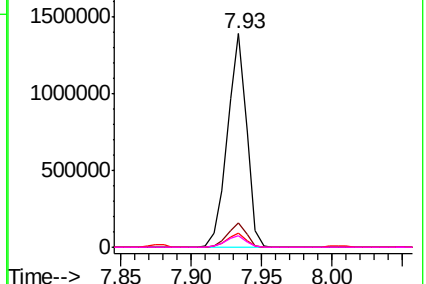
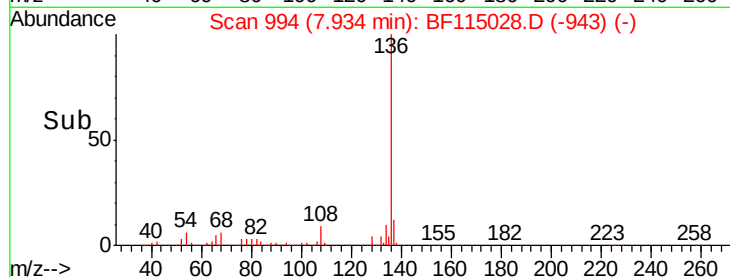


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.310 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Tgt Ion:105 Resp: 1249735

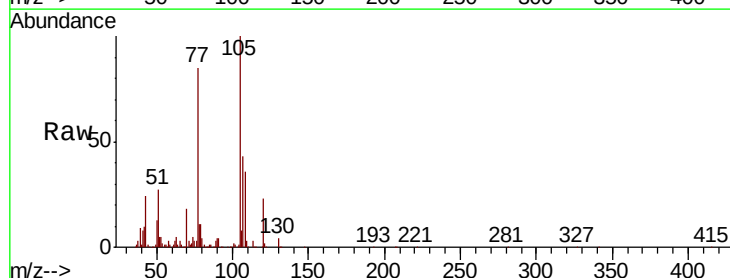
Ion Ratio Lower Upper

105 100

71 3.1 3.4 5.2#

51 27.5 23.3 34.9

120 23.3 18.8 28.2

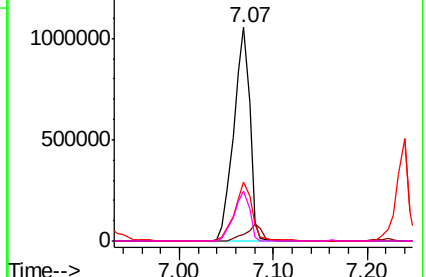
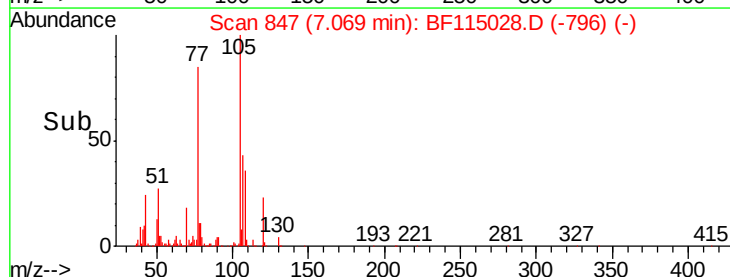


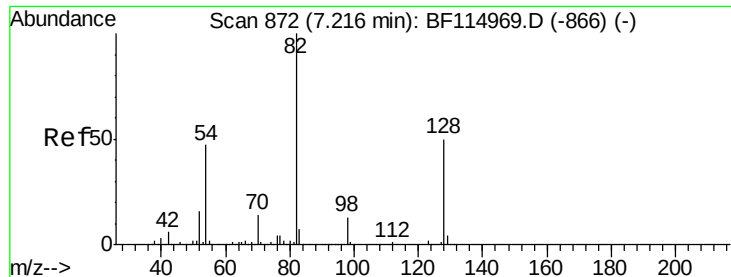
Abundance Ion 105.00 (104.70 to 105.70): E

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

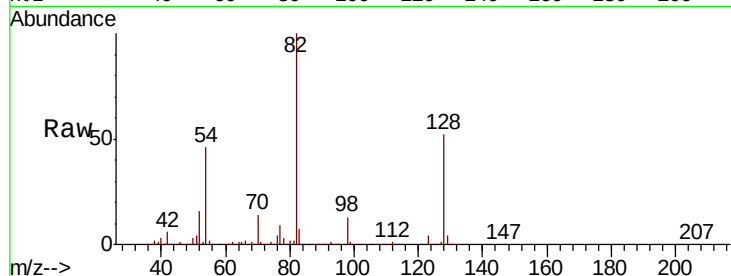




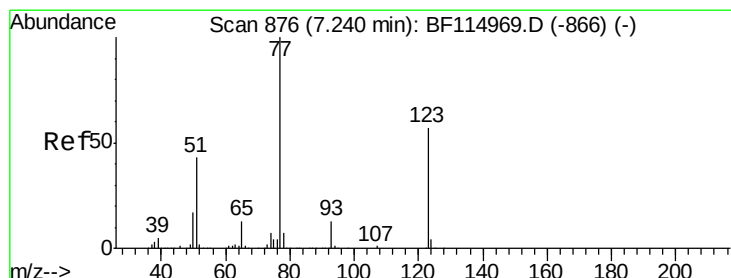
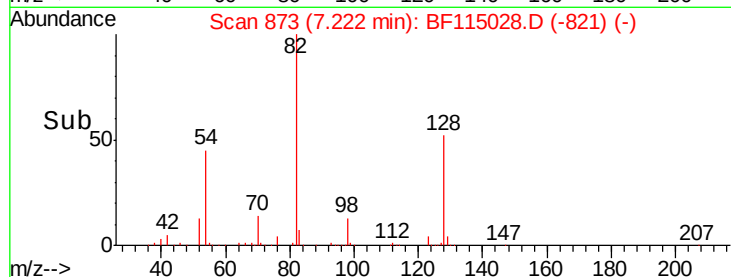
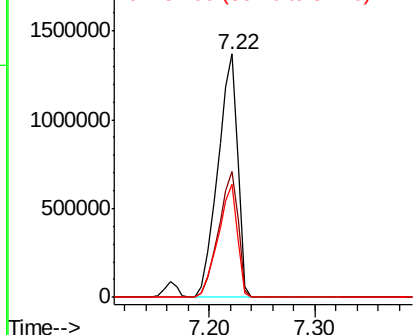
#23
Nitrobenzene-d5
Concen: 82.797 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1794870
Ion Ratio Lower Upper
82 100
128 51.8 39.9 59.9
54 46.4 37.3 55.9

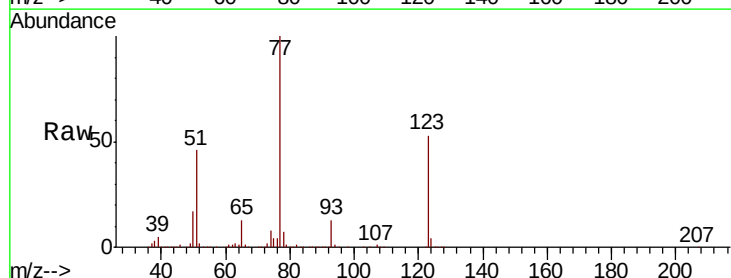


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

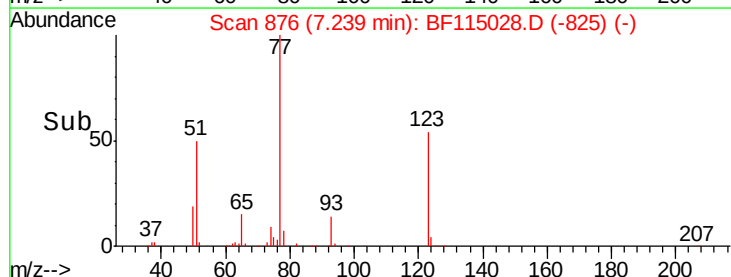
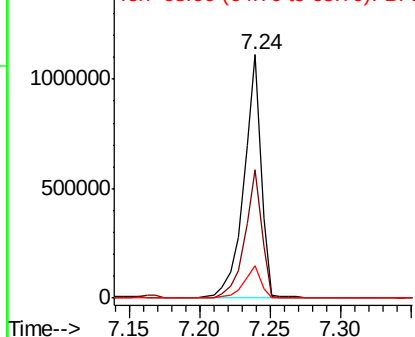


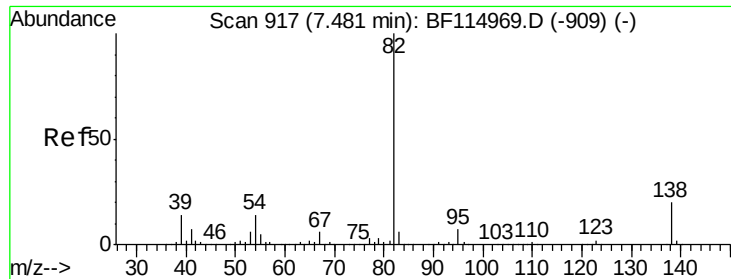
#24
Nitrobenzene
Concen: 42.363 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion: 77 Resp: 934374
Ion Ratio Lower Upper
77 100
123 52.8 45.5 68.3
65 13.3 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

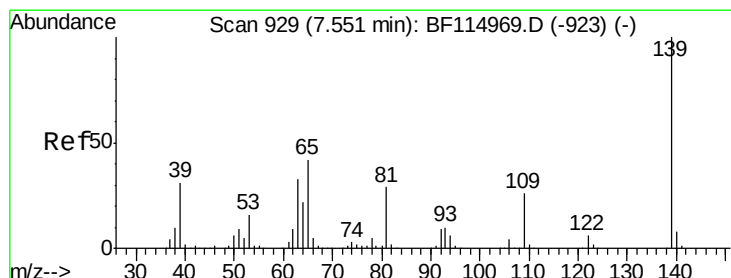
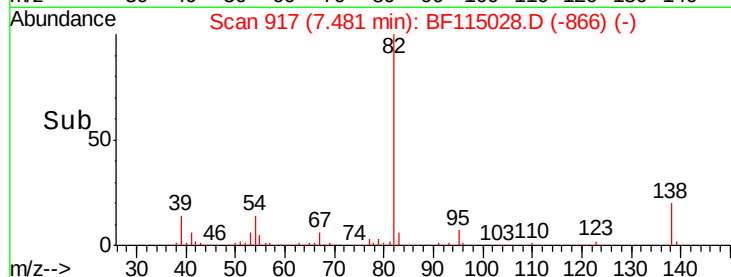
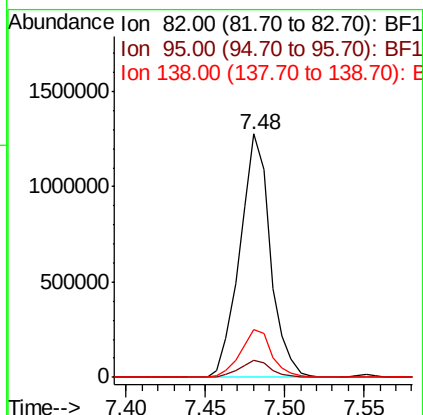
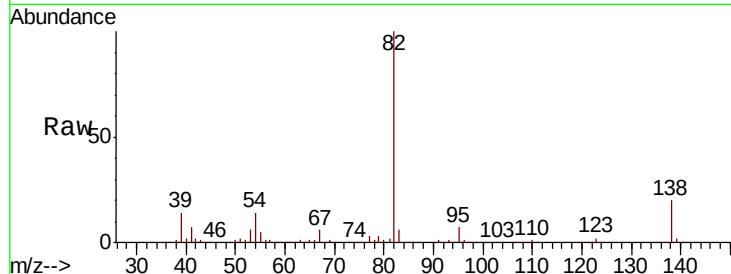




#25
Isophorone
Concen: 41.926 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

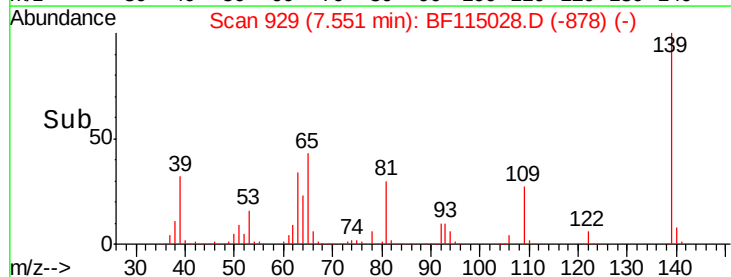
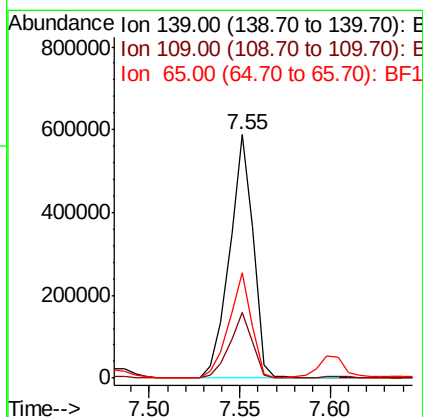
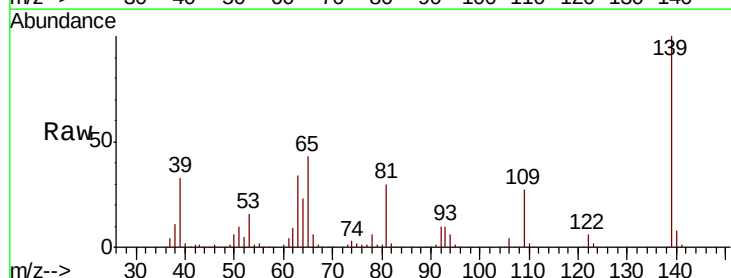
Instrument :
BNA_F
ClientSampleId :

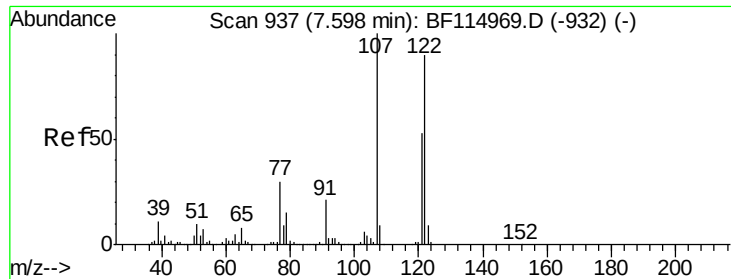
Tot Ion: 82 Resp: 1702235
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.6 16.1 24.1



#26
2-Nitrophenol
Concen: 43.454 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion: 139 Resp: 534217
Ion Ratio Lower Upper
139 100
109 27.0 20.8 31.2
65 43.3 33.4 50.2

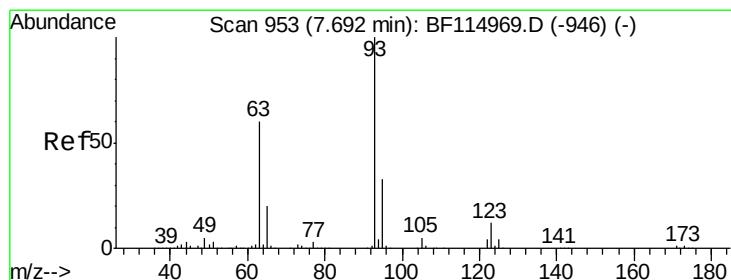
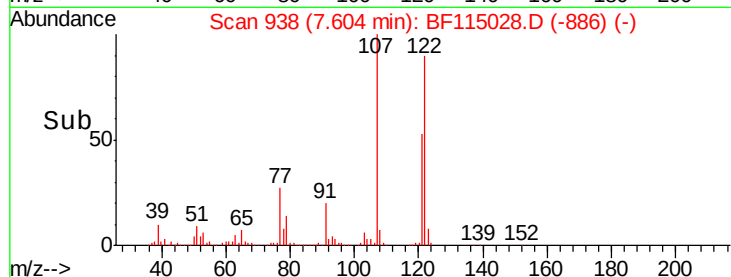
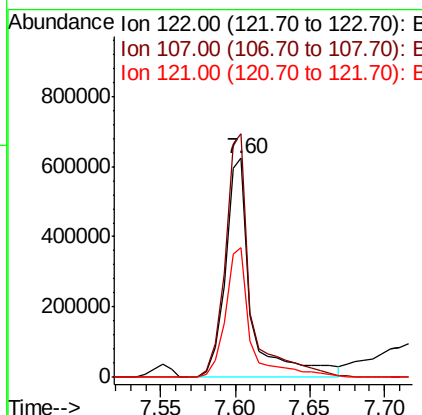
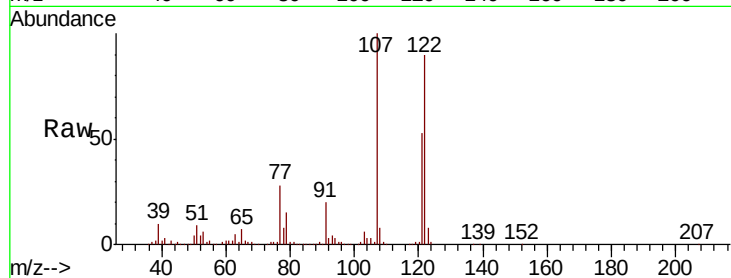




#27
2,4-Dimethylphenol
Concen: 43.513 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

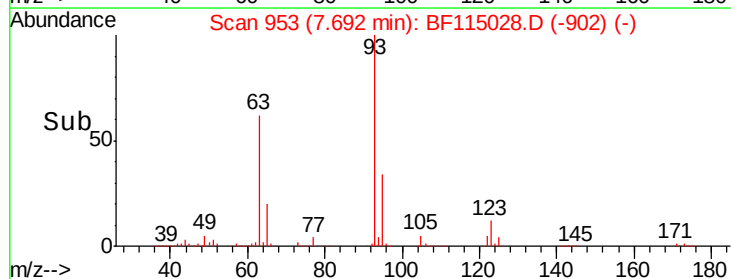
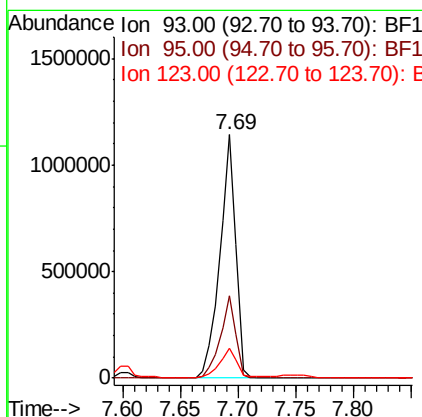
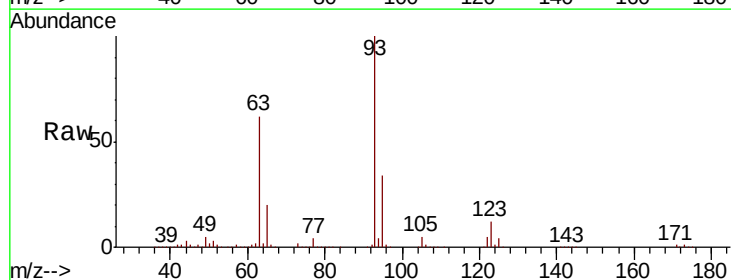
Instrument :
BNA_F
ClientSampleId :

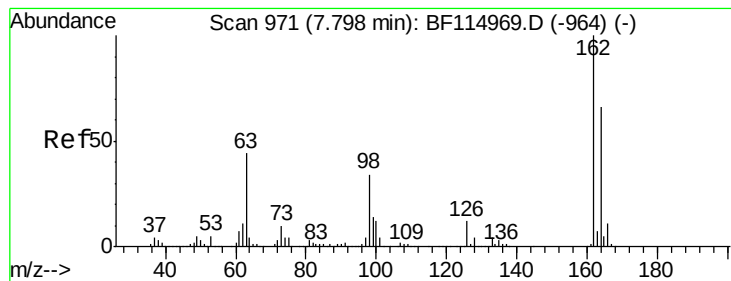
Tot Ion:122 Resp: 771710
Ion Ratio Lower Upper
122 100
107 111.3 88.8 133.2
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.815 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion: 93 Resp: 1089242
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.352 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

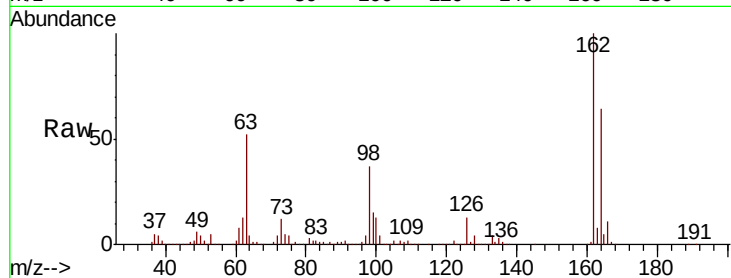
Tot Ion:162 Resp: 812214

Ion Ratio Lower Upper

162 100

164 64.1 45.7 85.7

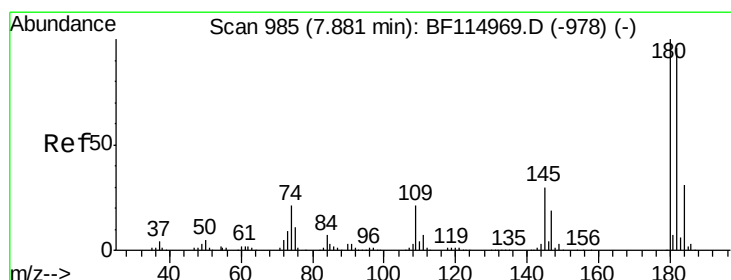
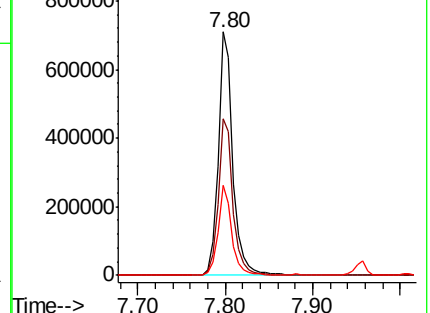
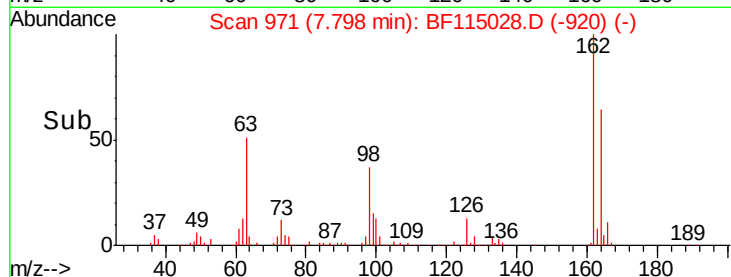
98 37.2 14.0 54.0



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: 41.671 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

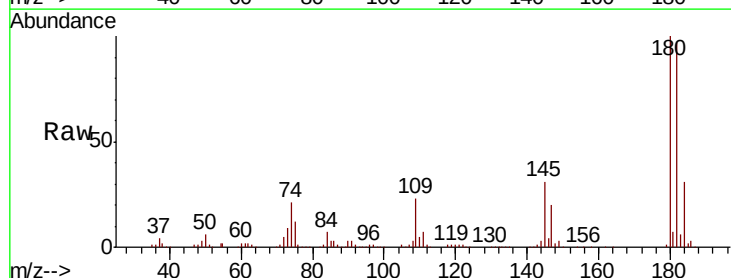
Tgt Ion:180 Resp: 902108

Ion Ratio Lower Upper

180 100

182 96.9 76.7 115.1

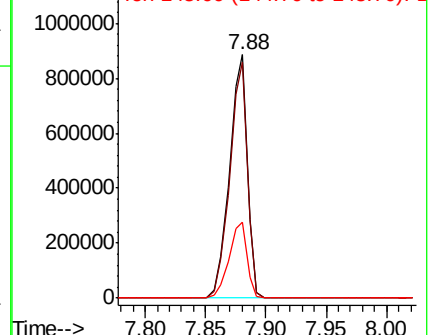
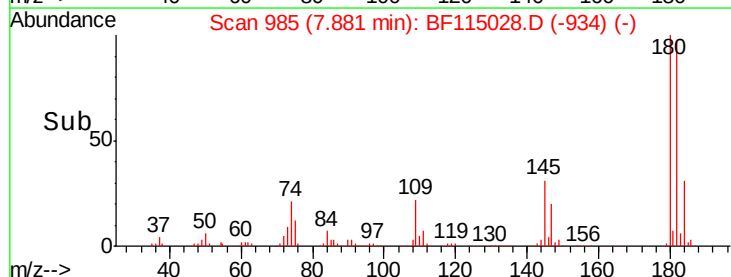
145 30.9 24.1 36.1

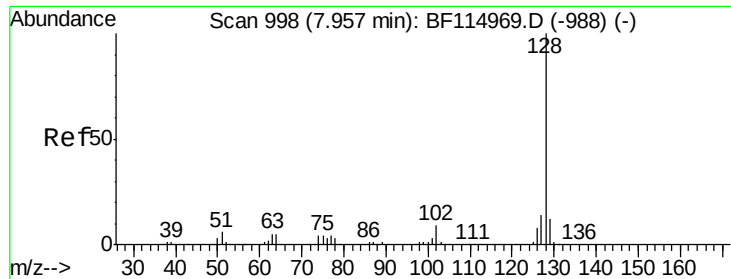


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

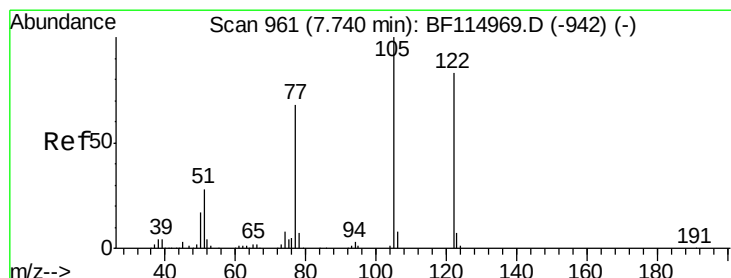
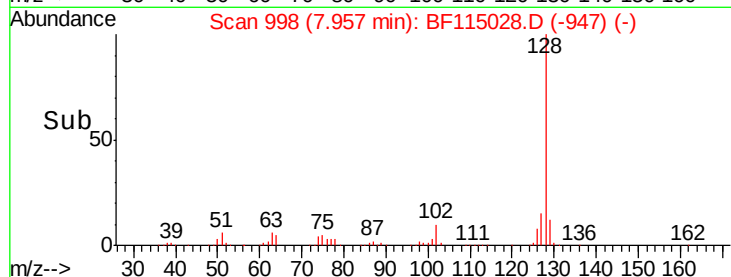
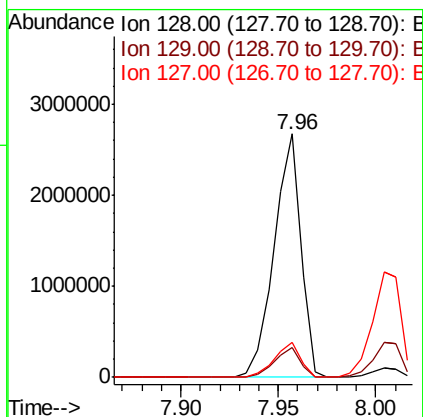
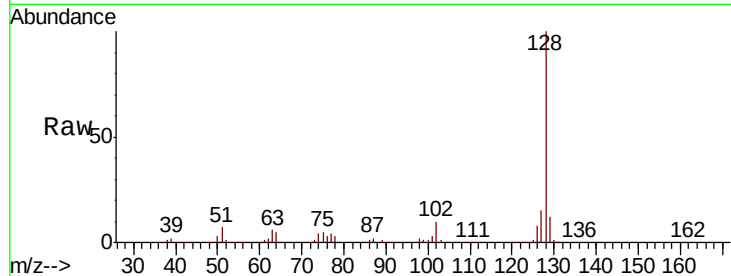




#31
Naphthalene
Concen: 41.217 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

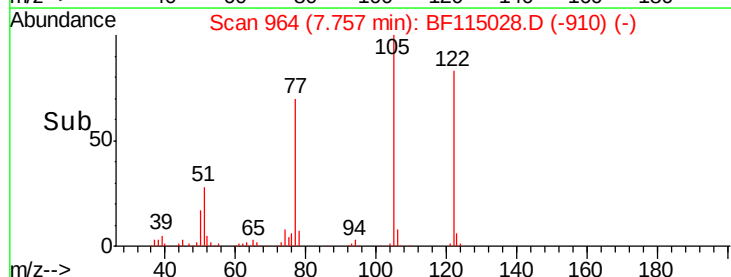
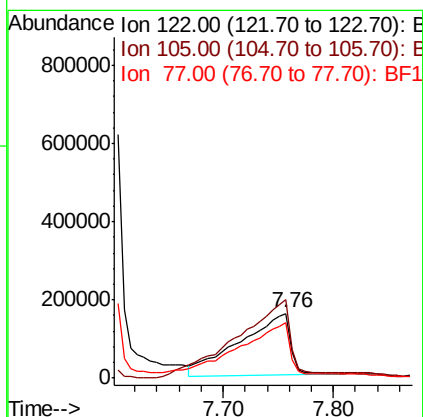
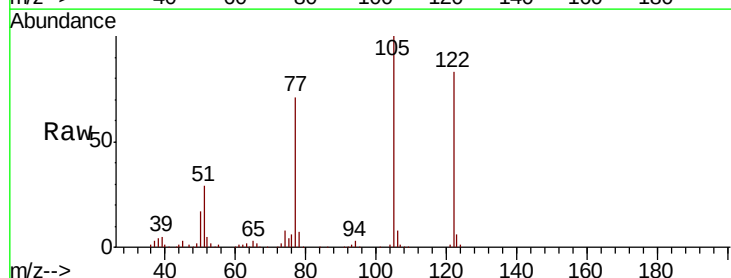
Instrument :
BNA_F
ClientSampleId :

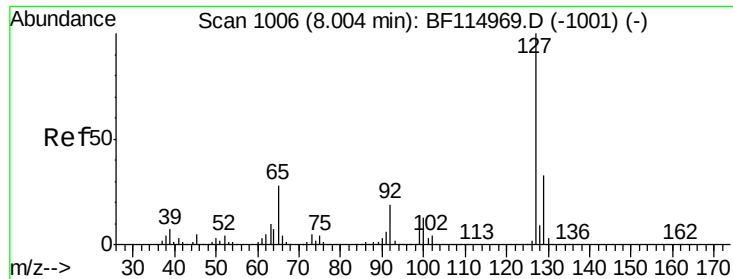
Tot Ion:128 Resp: 2544674
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.6 11.5 17.3



#32
Benzoic acid
Concen: 39.104 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.02 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:122 Resp: 501781
Ion Ratio Lower Upper
122 100
105 120.7 98.6 138.6
77 85.4 60.9 100.9

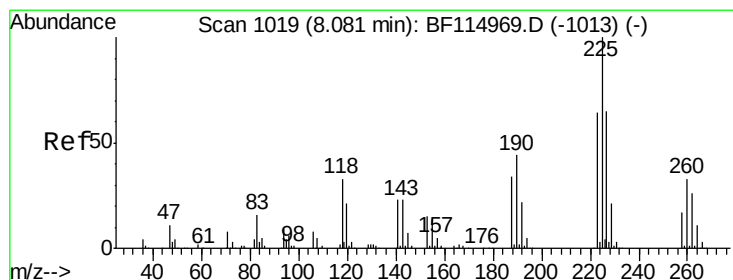
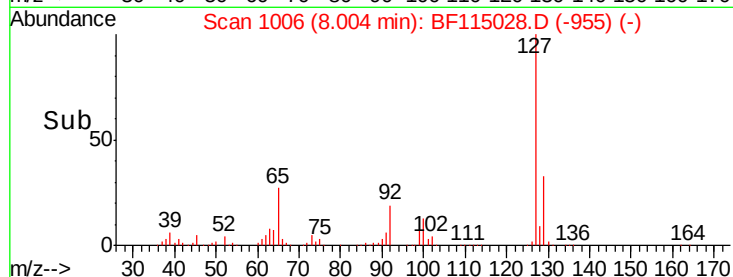
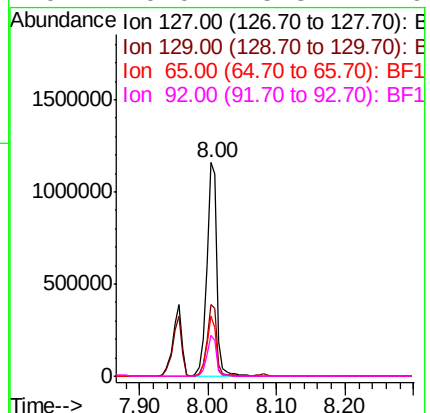
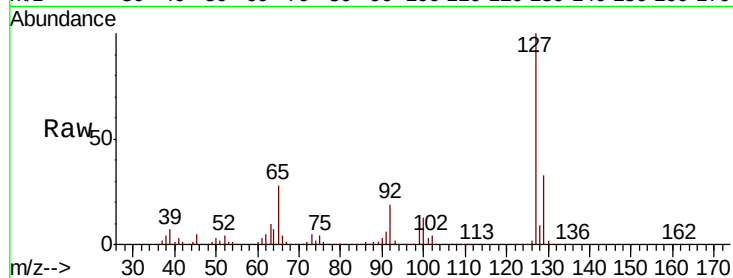




#33
4-Chloroaniline
Concen: 42.498 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

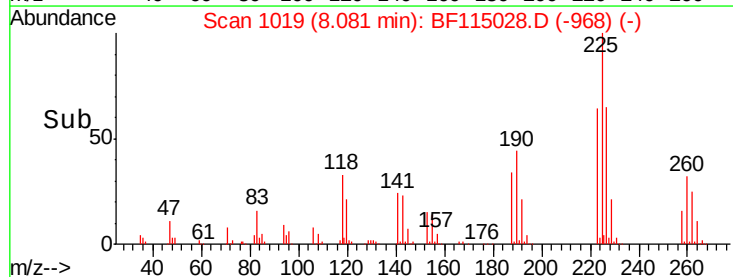
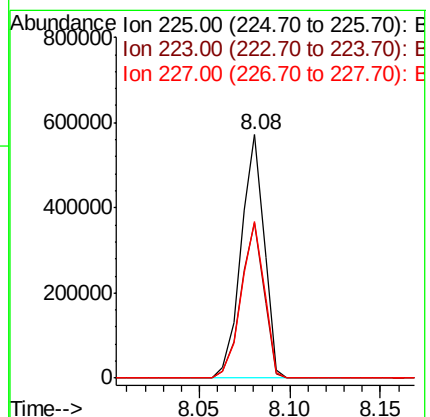
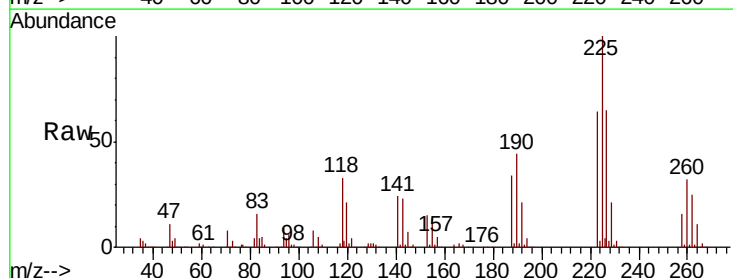
Instrument :
BNA_F
ClientSampleId :

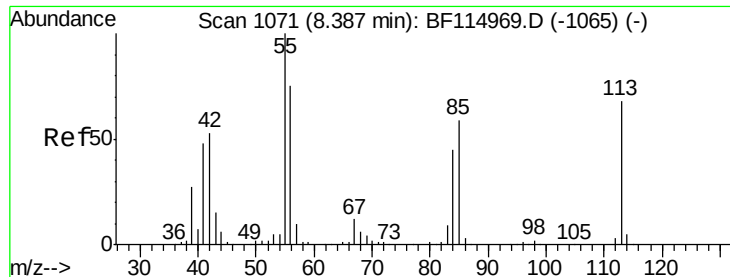
Tot Ion:127 Resp: 1211130
Ion Ratio Lower Upper
127 100
129 33.3 26.1 39.1
65 28.0 22.3 33.5
92 19.0 15.3 22.9



#34
Hexachlorobutadiene
Concen: 41.912 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:225 Resp: 504326
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 64.5 51.7 77.5

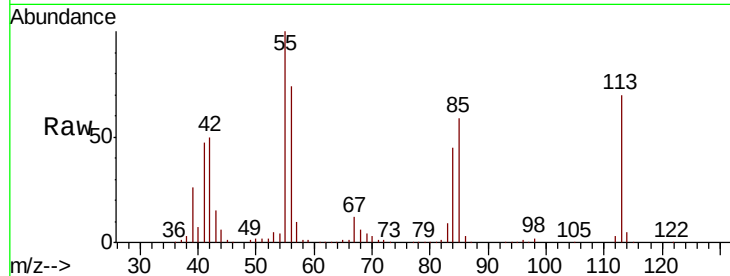




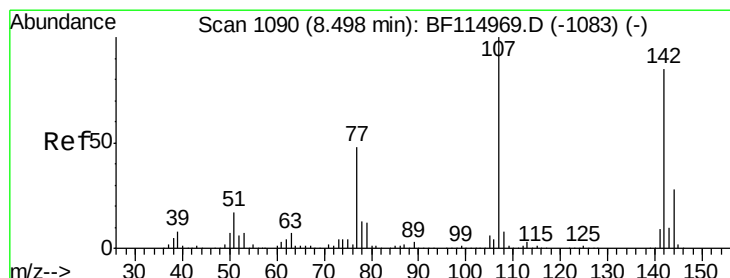
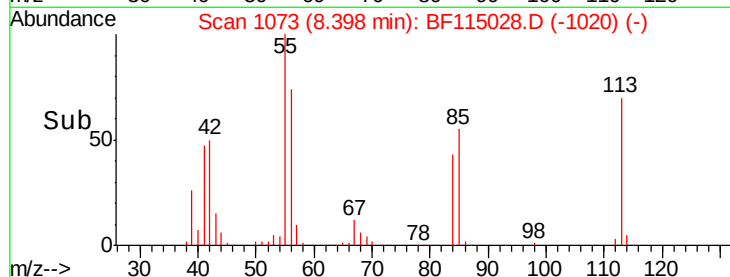
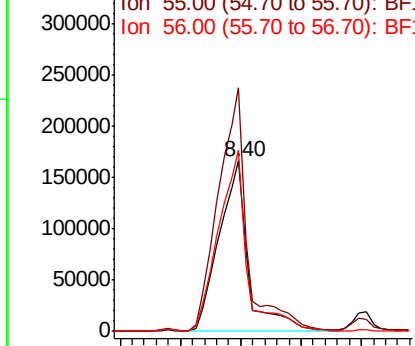
#35
Caprolactam
Concen: 43.950 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 274253
Ion Ratio Lower Upper
113 100
55 142.8 127.3 167.3
56 106.2 90.6 130.6

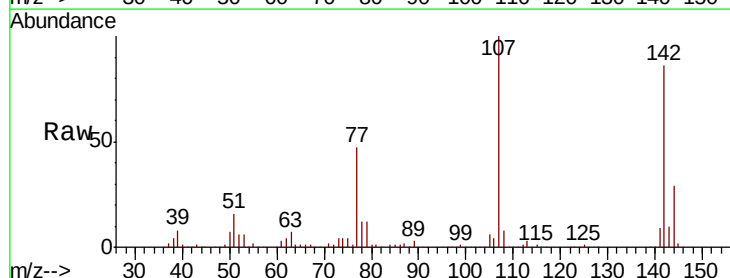


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

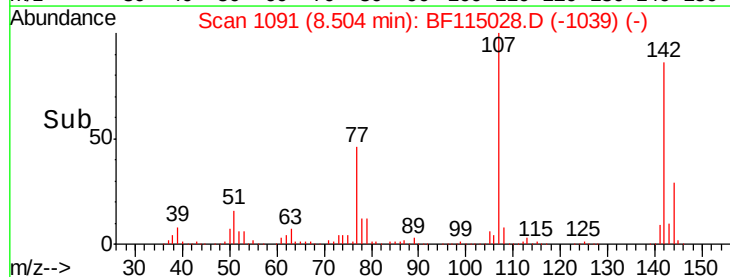
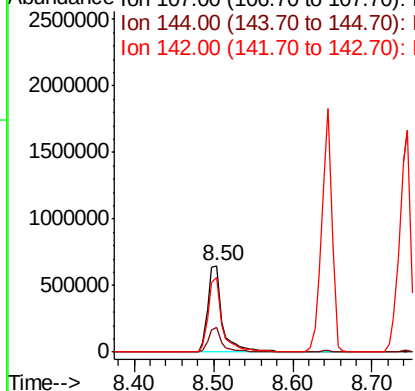


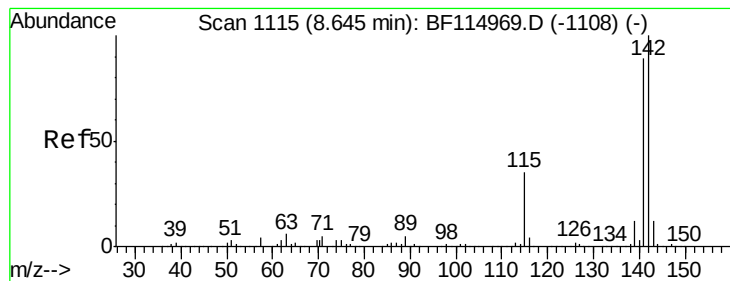
#36
4-Chloro-3-methylphenol
Concen: 44.017 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:107 Resp: 831079
Ion Ratio Lower Upper
107 100
144 28.7 22.0 33.0
142 86.2 68.2 102.4



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: 40.936 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

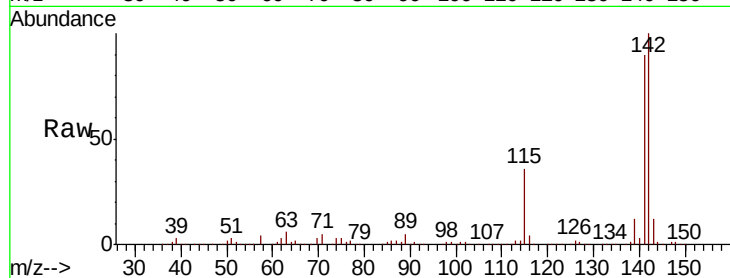
Tot Ion:142 Resp: 1685618

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

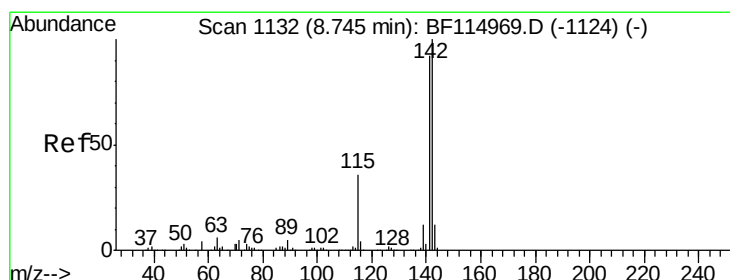
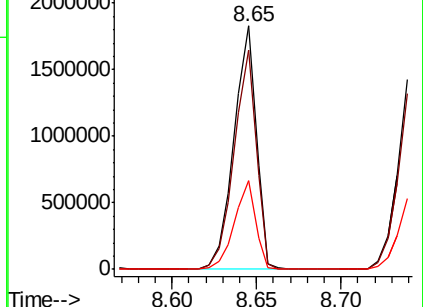
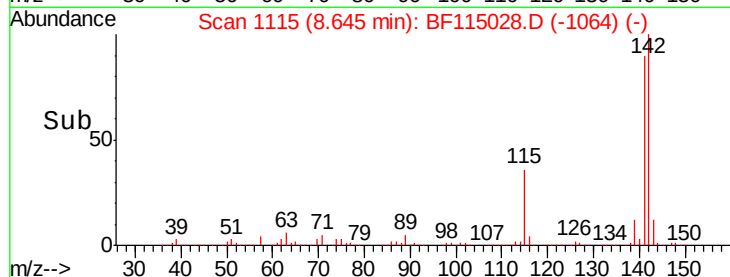
115 36.3 27.9 41.9



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: 41.621 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

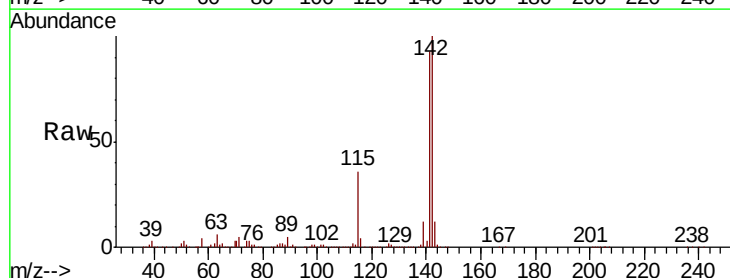
Tgt Ion:142 Resp: 1619802

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

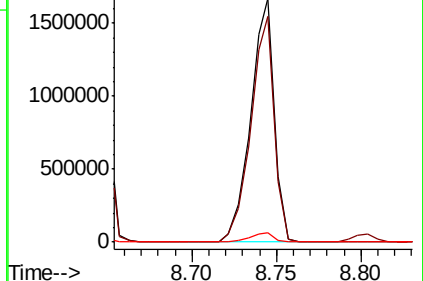
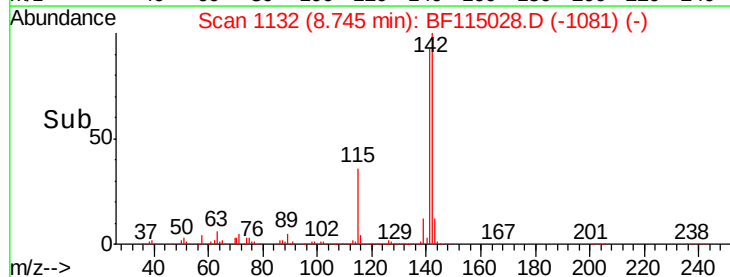
116 3.7 2.9 4.3

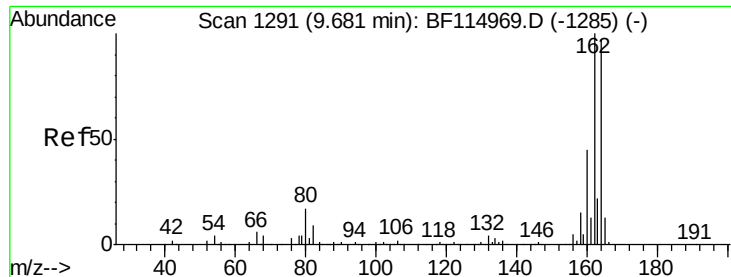


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

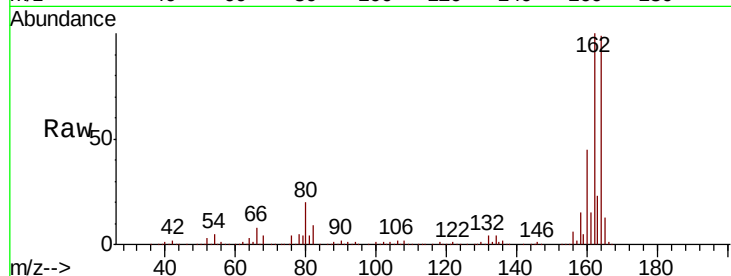




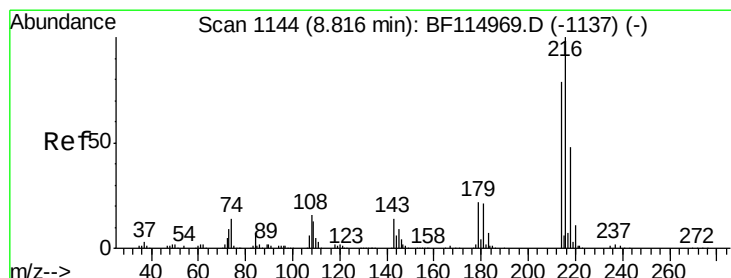
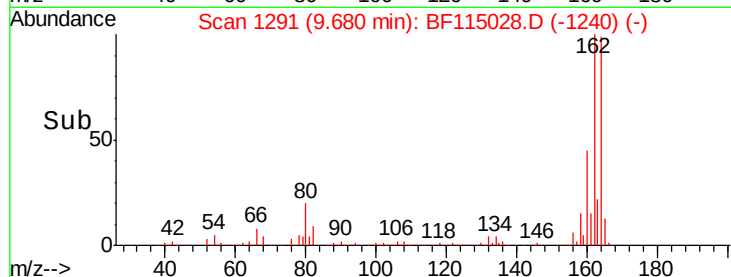
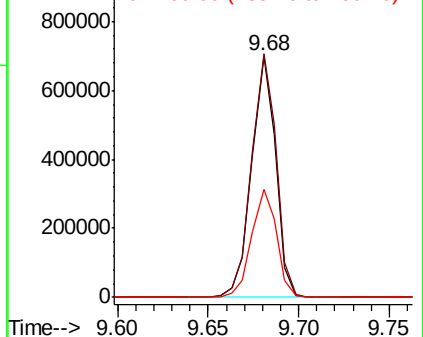
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.0	36.9	55.3



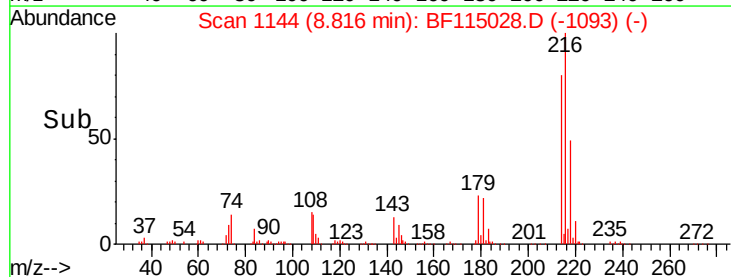
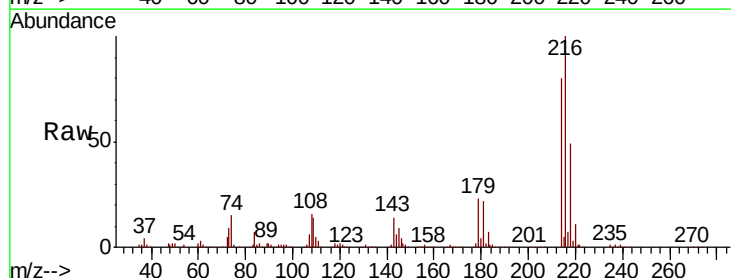
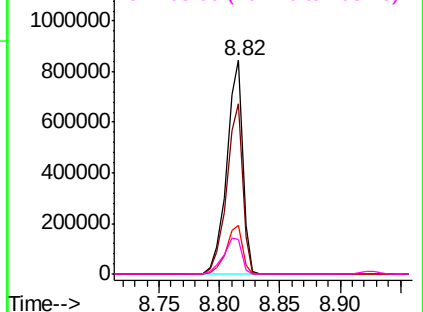
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

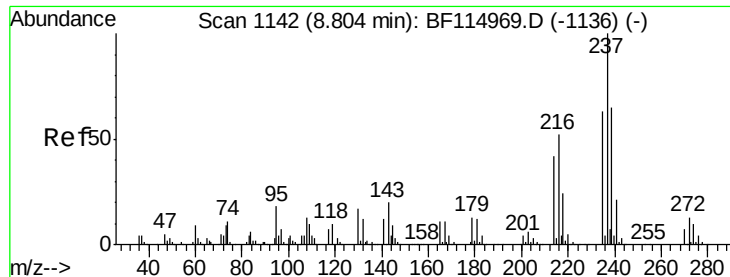


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.611 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	23.2	18.2	27.4
108	19.3	15.0	22.6

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

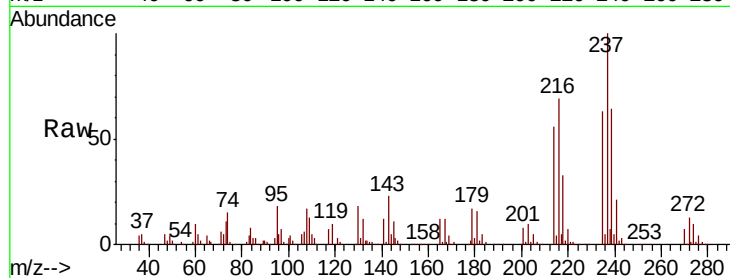




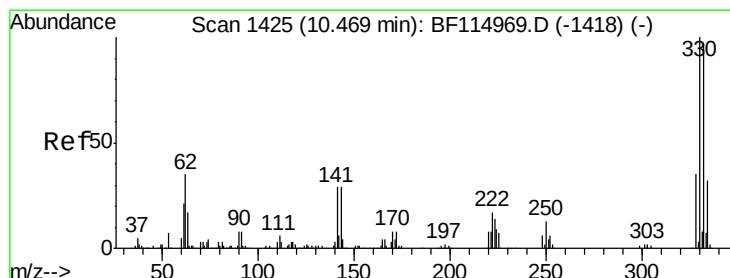
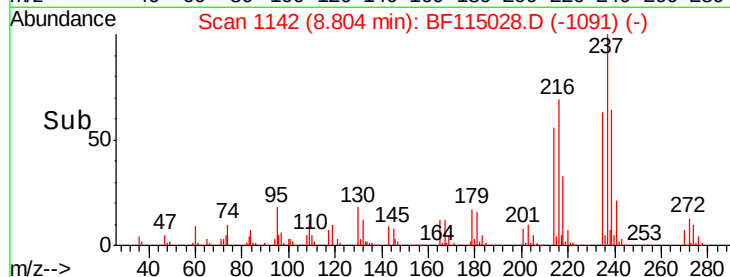
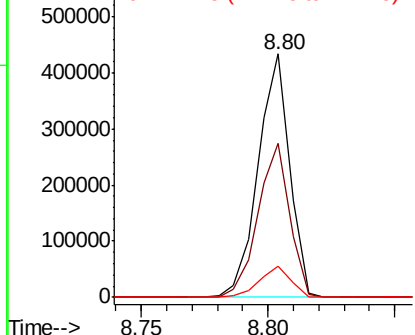
#41
Hexachlorocyclopentadiene
Concen: 39.788 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 374101
Ion Ratio Lower Upper
237 100
235 63.2 42.7 82.7
272 13.0 0.0 32.7

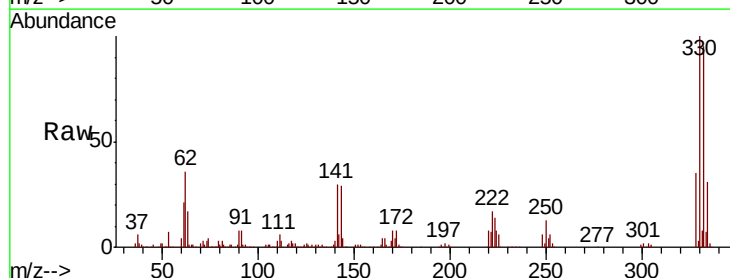


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

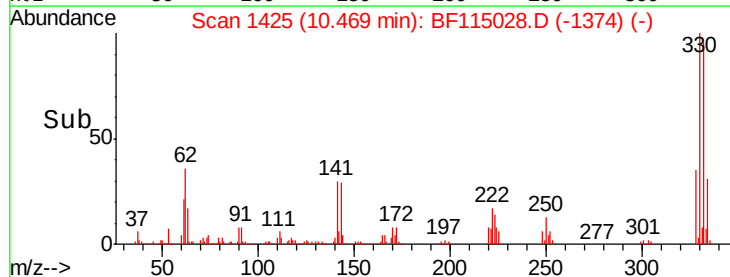
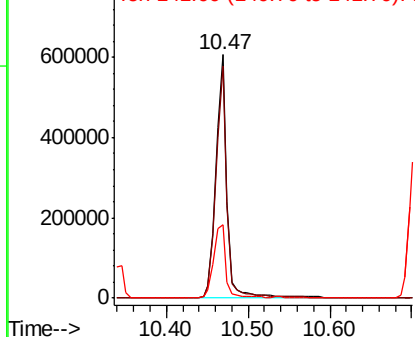


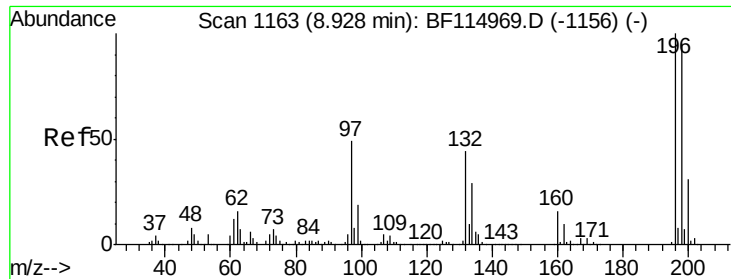
#42
2,4,6-Tribromophenol
Concen: 83.598 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:330 Resp: 578177
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 32.9 27.2 40.8



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

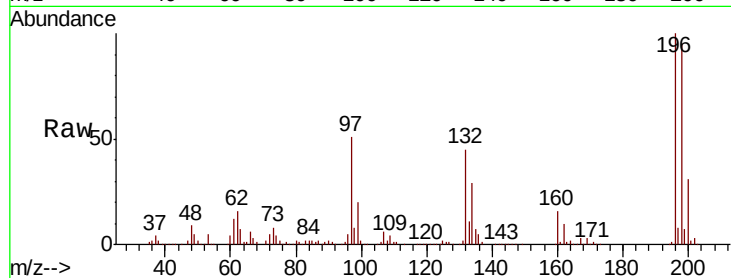




#43
 2,4,6-Trichlorophenol
 Concen: 39.684 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.8	113.8
200	30.7	24.9	37.3

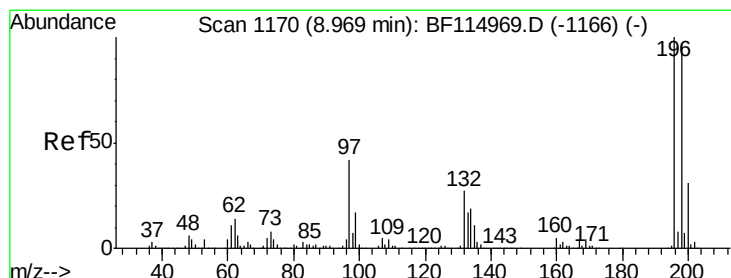
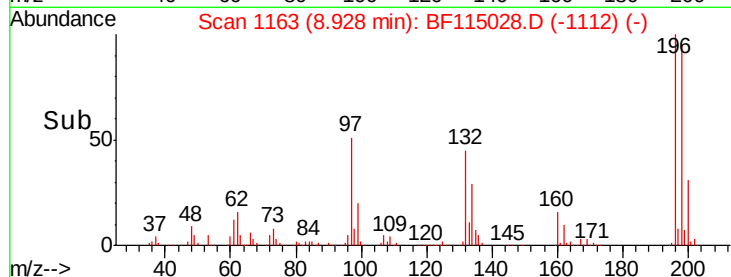
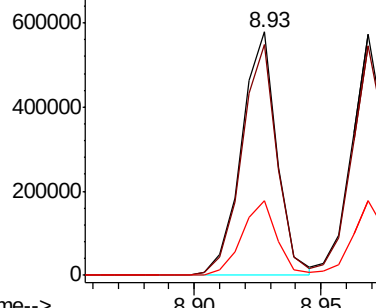


Abundance

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: 42.562 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	47.1	34.2	51.4
132	29.7	22.1	33.1

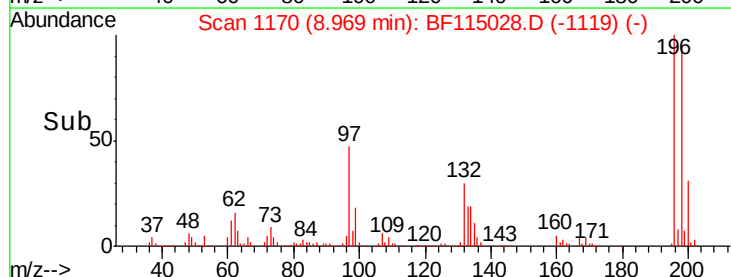
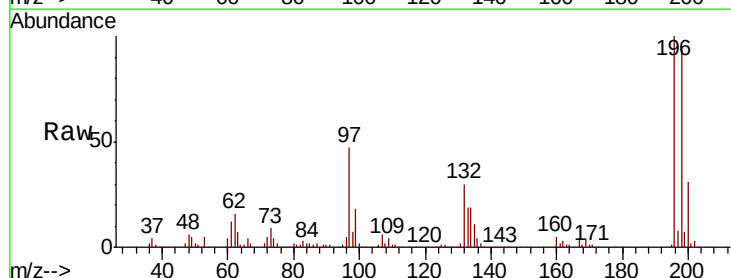
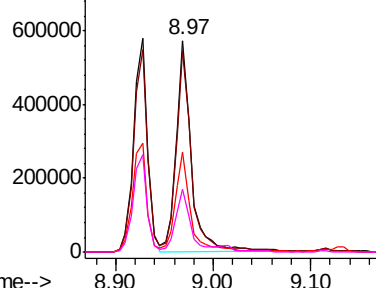
Abundance

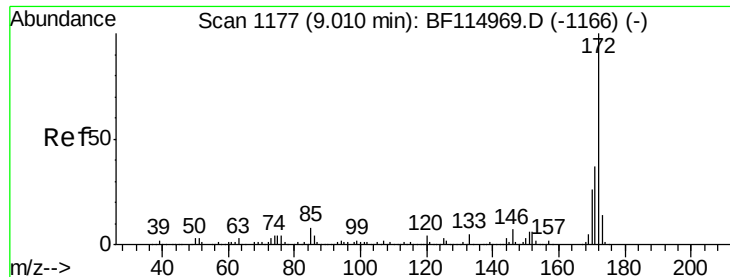
Ion 196.00 (195.70 to 196.70): E

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

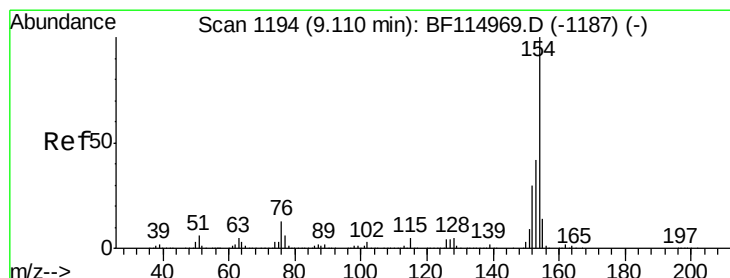
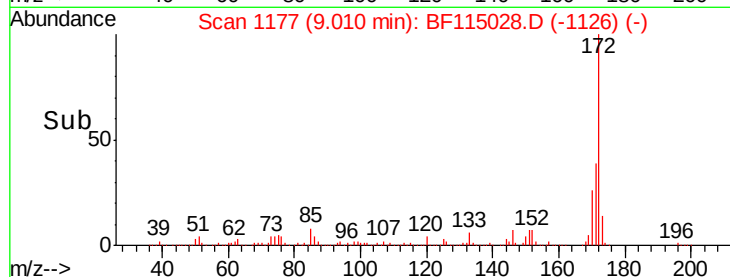
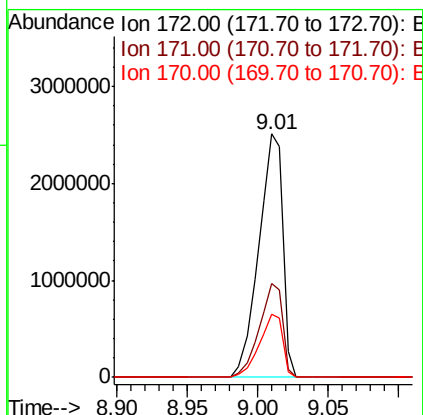
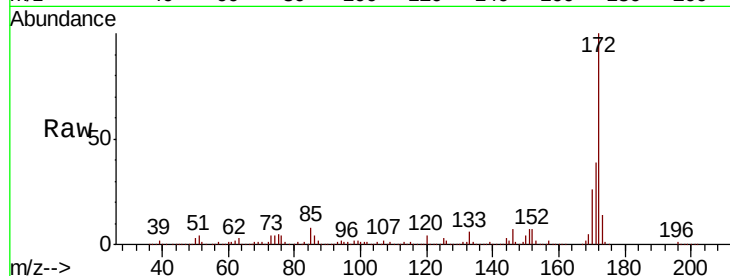




#45
2-Fluorobiphenyl
Concen: 79.194 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

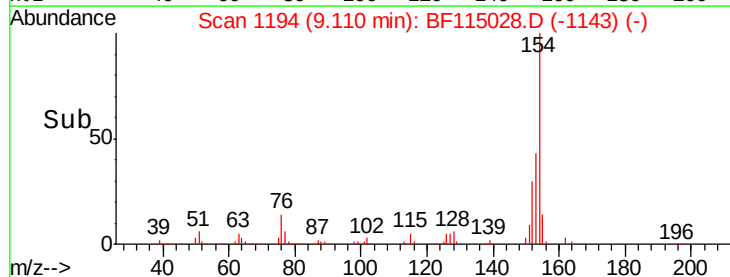
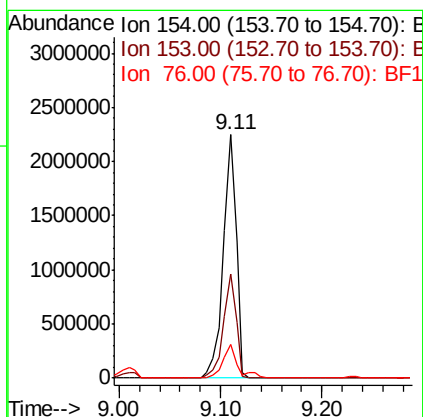
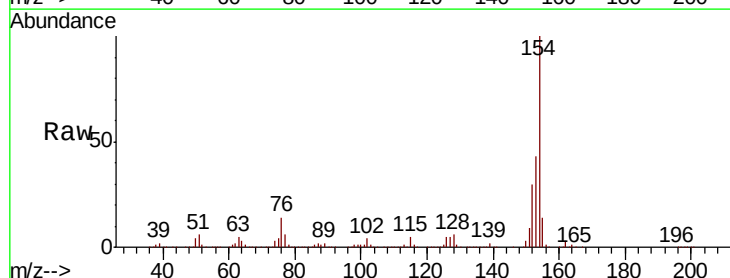
Instrument :
BNA_F
ClientSampleId :

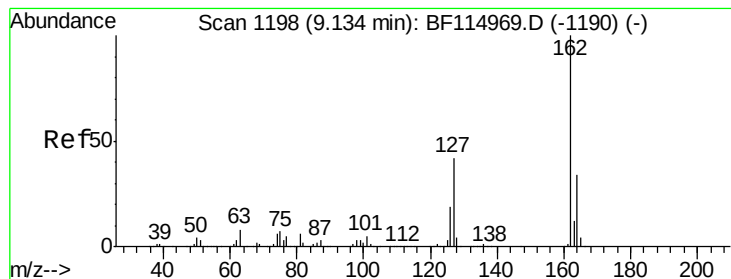
Tot Ion:172 Resp: 3017872
Ion Ratio Lower Upper
172 100
171 38.7 29.8 44.6
170 26.0 20.6 31.0



#46
1,1'-Biphenyl
Concen: 38.615 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:154 Resp: 1998527
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 13.6 0.0 33.3

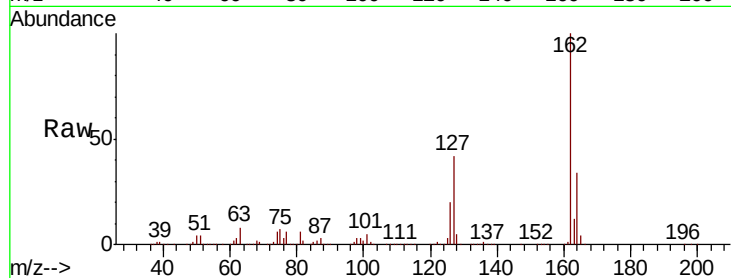




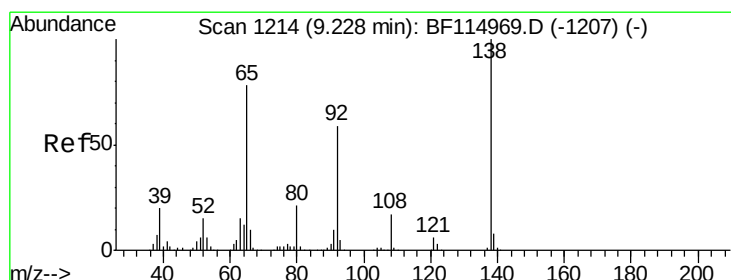
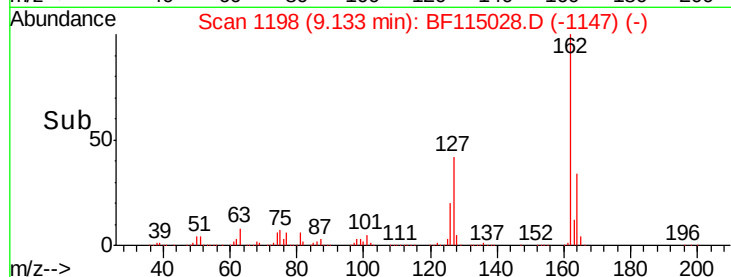
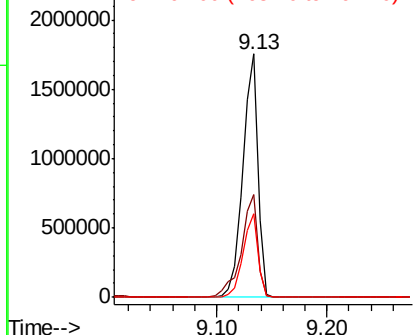
#47
 2-Chloronaphthalene
 Concen: 40.431 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1692122
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.4 50.2
 164 34.2 27.2 40.8

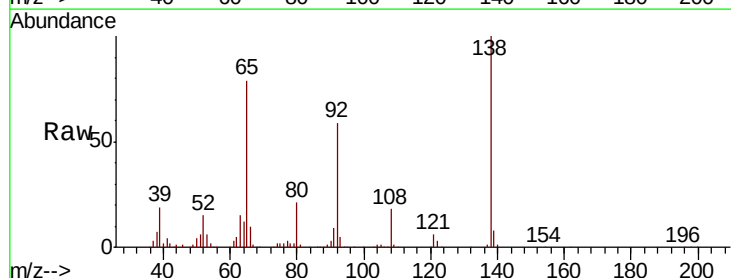


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

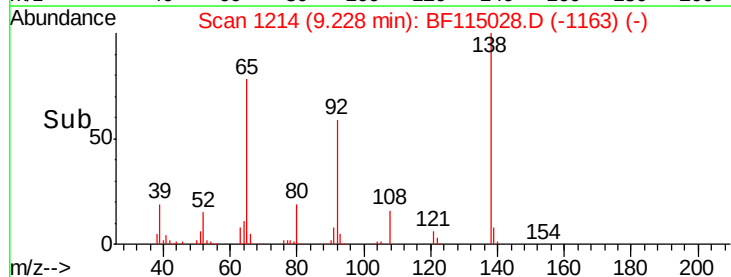
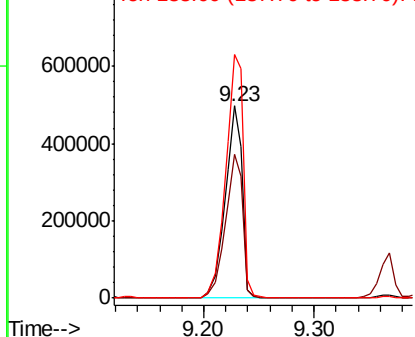


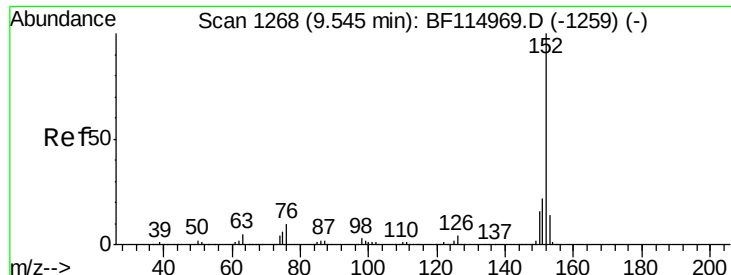
#48
 2-Nitroaniline
 Concen: 43.019 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Tgt Ion: 65 Resp: 532158
 Ion Ratio Lower Upper
 65 100
 92 74.7 60.5 90.7
 138 126.6 102.0 153.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.668 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

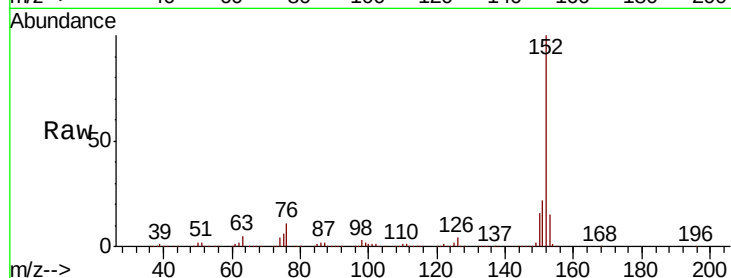
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2488191

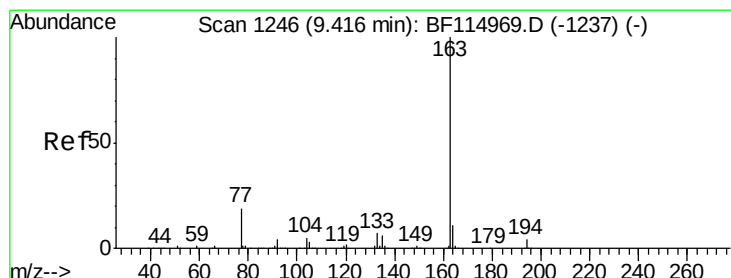
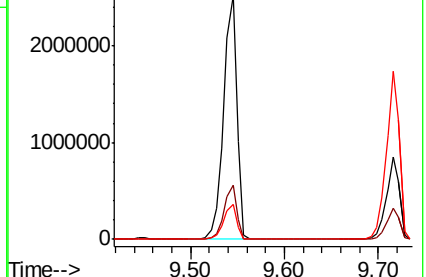
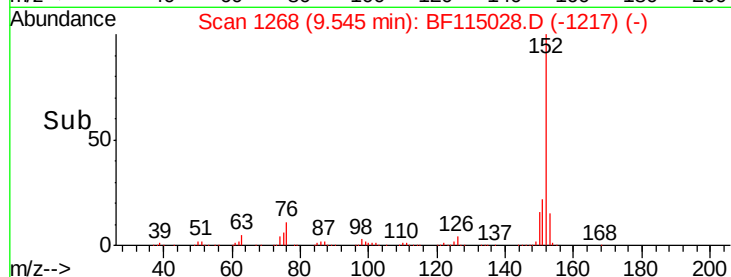
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.5	26.3
153	14.6	11.2	16.8



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: 41.263 ng

RT: 9.42 min Scan# 1247

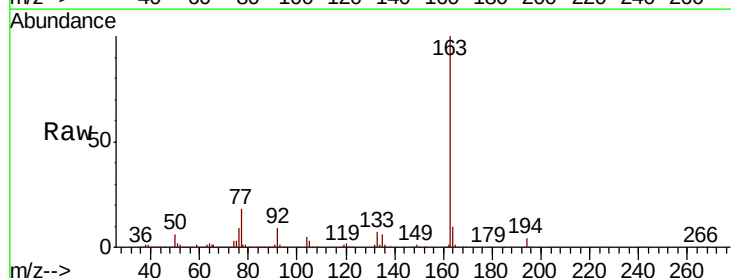
Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Tgt Ion:163 Resp: 2004184

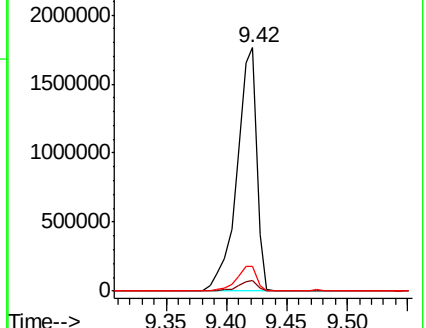
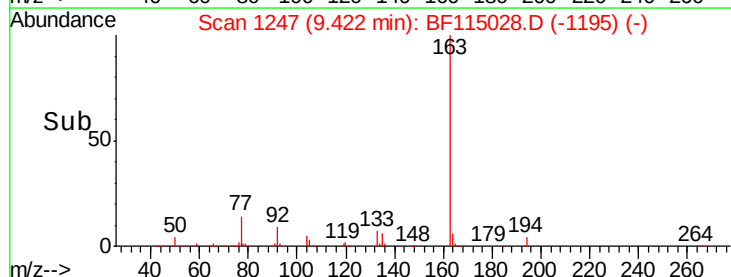
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.6	12.8

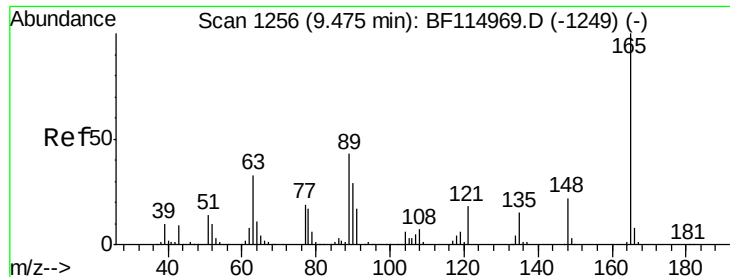


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.011 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

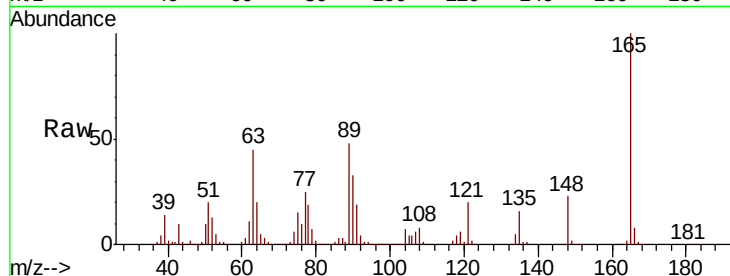
Tot Ion:165 Resp: 462862

Ion Ratio Lower Upper

165 100

63 44.6 30.6 46.0

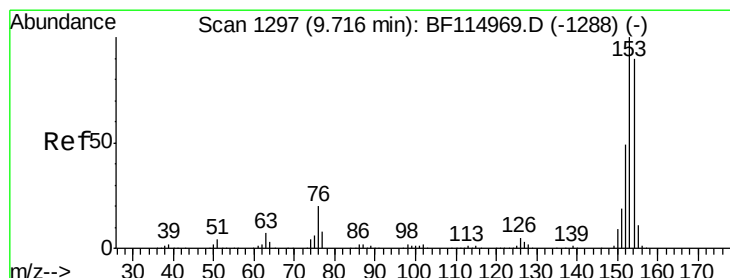
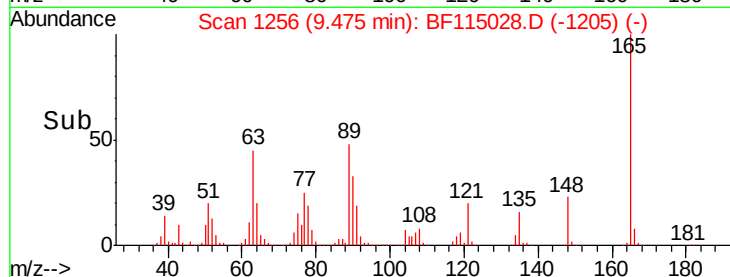
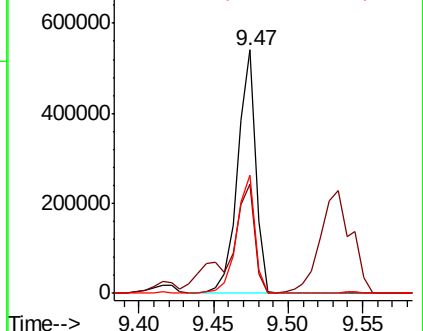
89 48.4 34.4 51.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.285 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

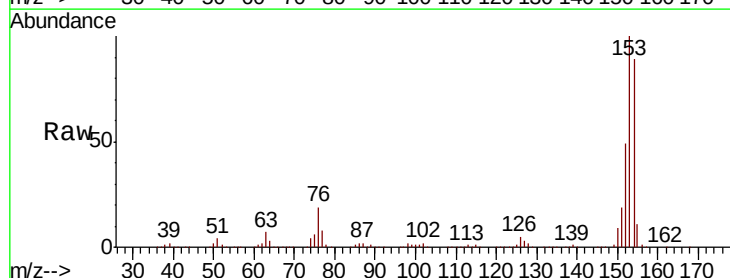
Tgt Ion:154 Resp: 1483098

Ion Ratio Lower Upper

154 100

153 112.1 88.5 132.7

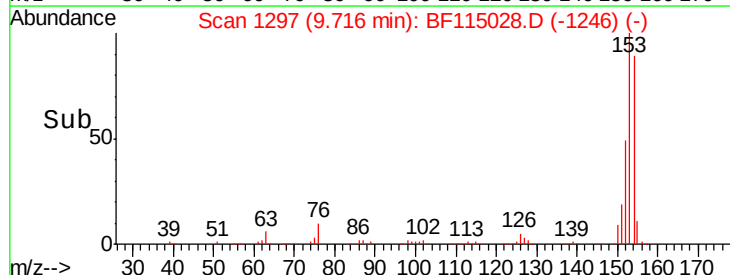
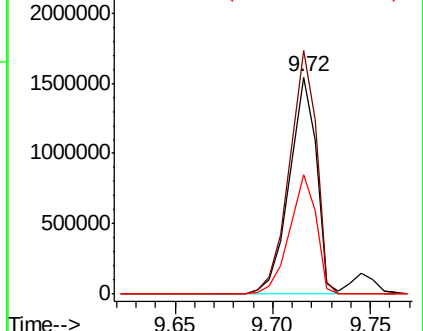
152 54.9 43.6 65.4

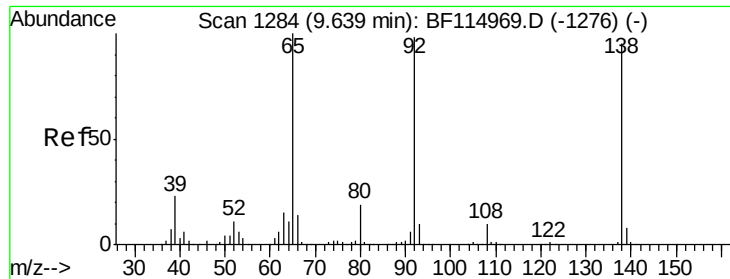


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

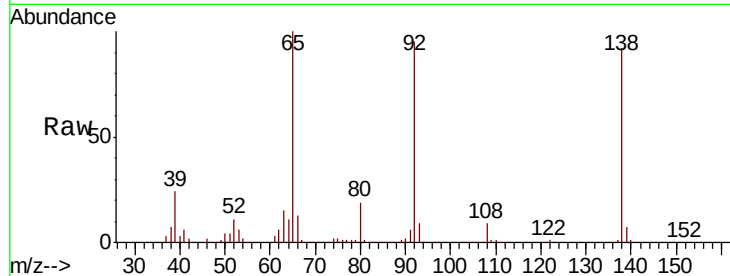




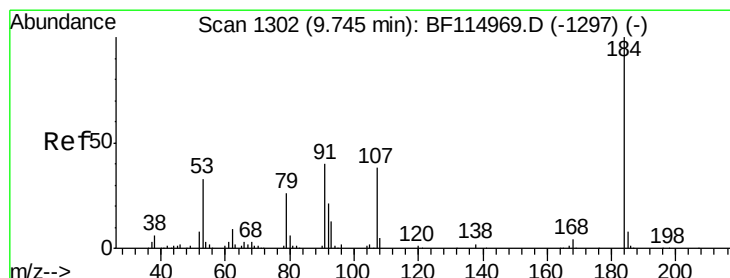
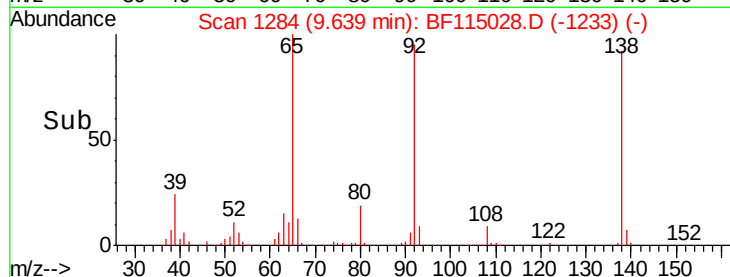
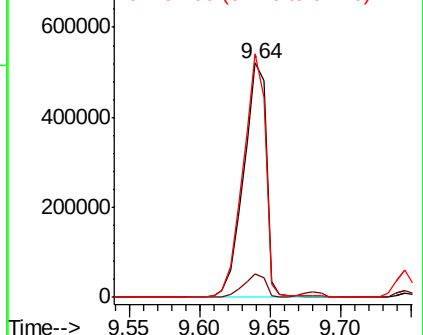
#53
3-Nitroaniline
Concen: 43.579 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 588269
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 103.8 82.4 123.6

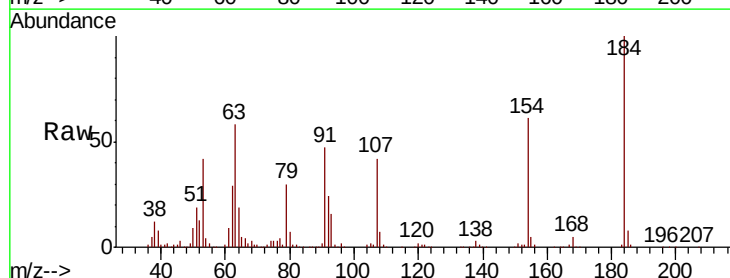


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

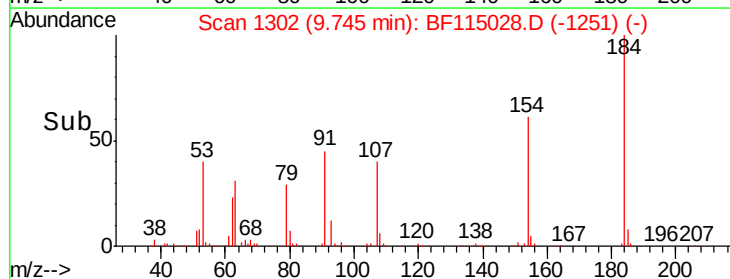
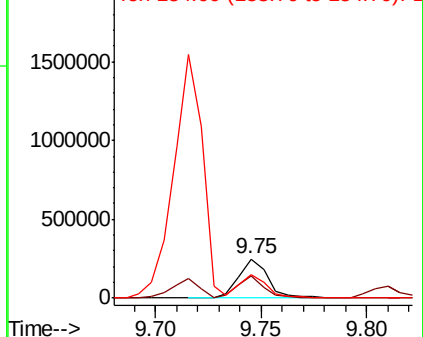


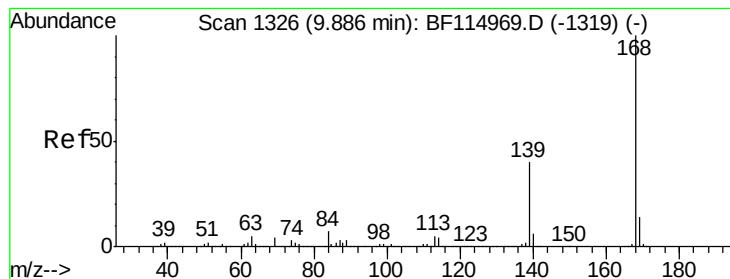
#54
2,4-Dinitrophenol
Concen: 44.408 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:184 Resp: 237320
Ion Ratio Lower Upper
184 100
63 57.6 40.5 60.7
154 61.1 44.8 67.2



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





#55

Dibenzenofuran

Concen: 38.562 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

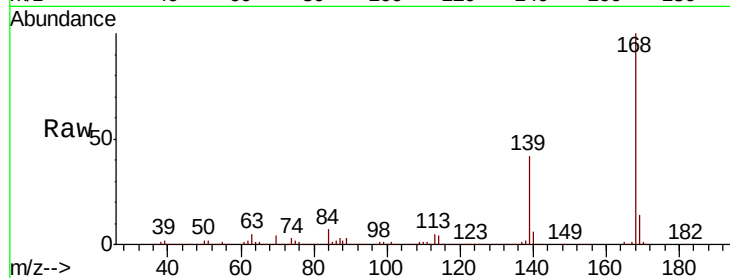
Tot Ion:168 Resp: 2139597

Ion Ratio Lower Upper

168 100

139 41.6 32.5 48.7

169 14.5 11.5 17.3

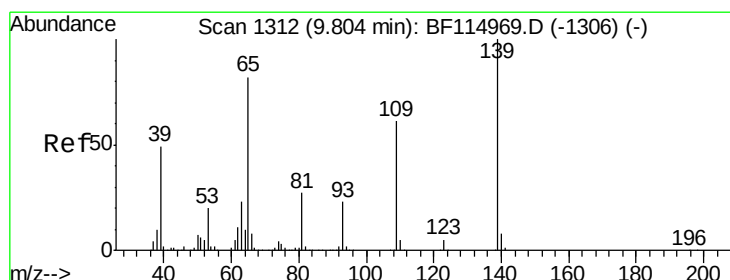
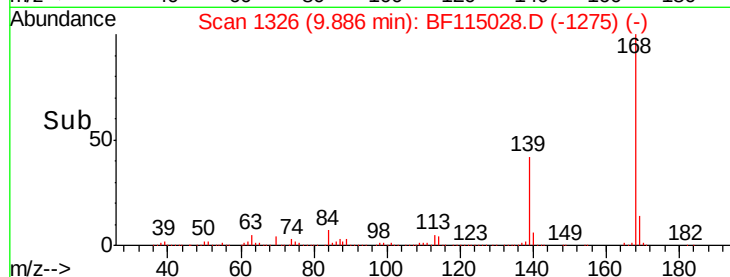
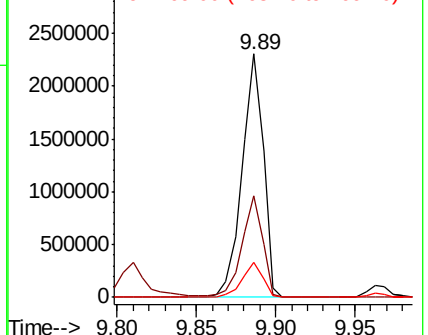


Abundance

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: 41.517 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

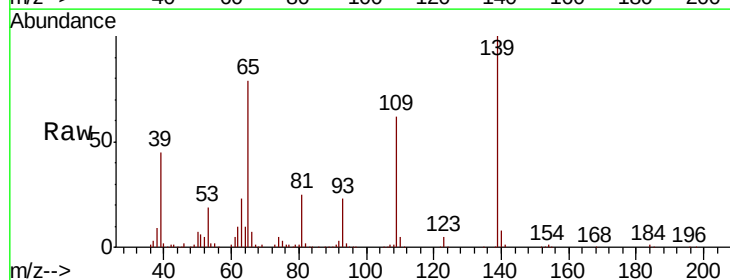
Tgt Ion:139 Resp: 386473

Ion Ratio Lower Upper

139 100

109 62.1 41.4 81.4

65 78.9 62.7 102.7

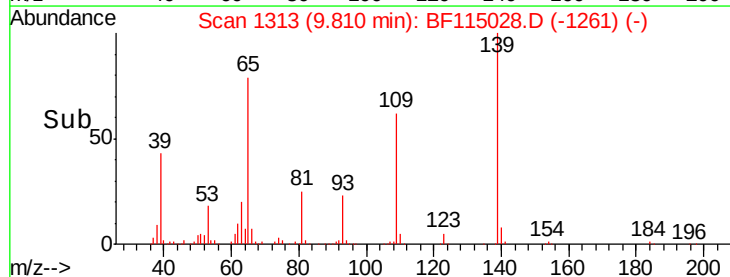
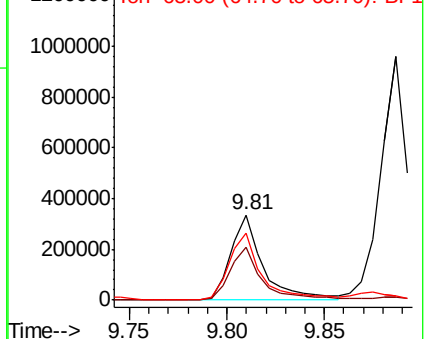


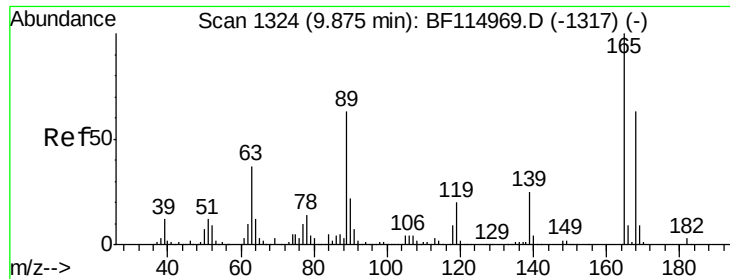
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.482 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 595730

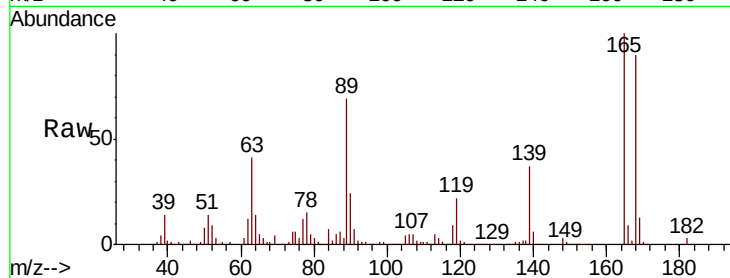
Ion Ratio Lower Upper

165 100

63 41.2 29.4 44.2

89 68.6 50.6 75.8

182 2.8 2.2 3.2

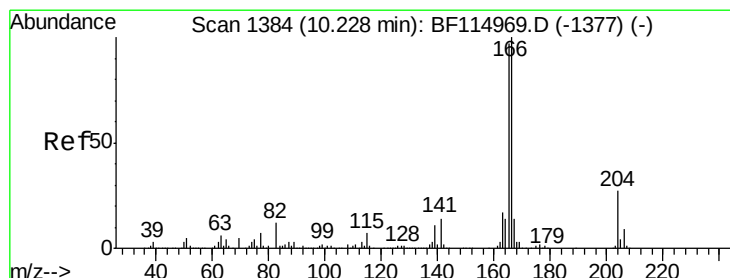
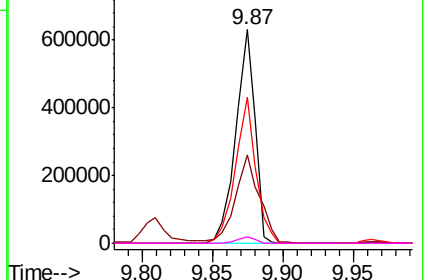
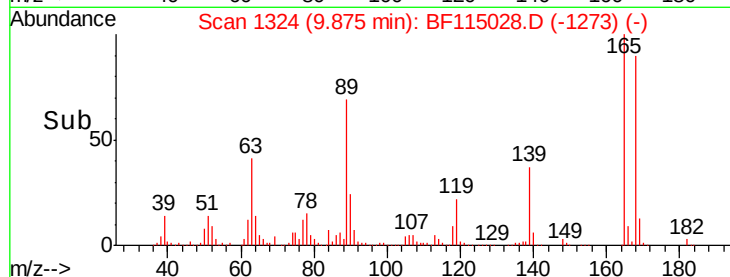


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.834 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

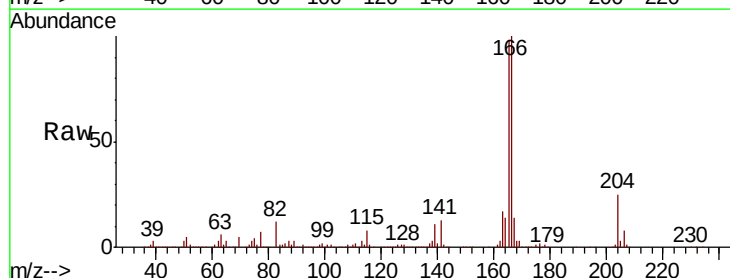
Tgt Ion:166 Resp: 1539353

Ion Ratio Lower Upper

166 100

165 98.2 77.6 116.4

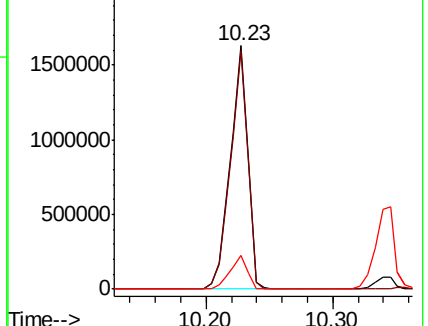
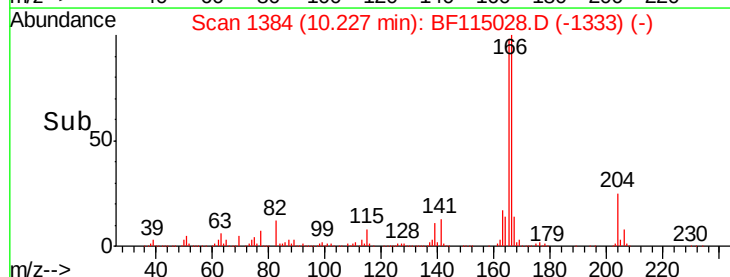
167 13.8 11.0 16.4

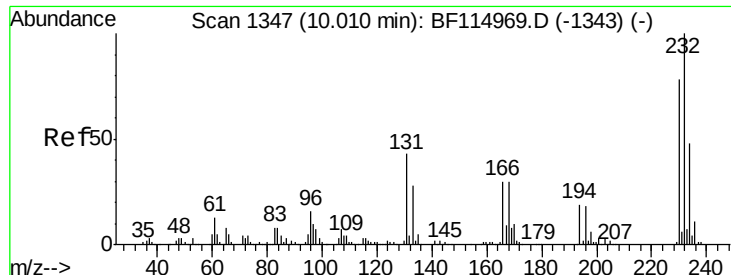


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

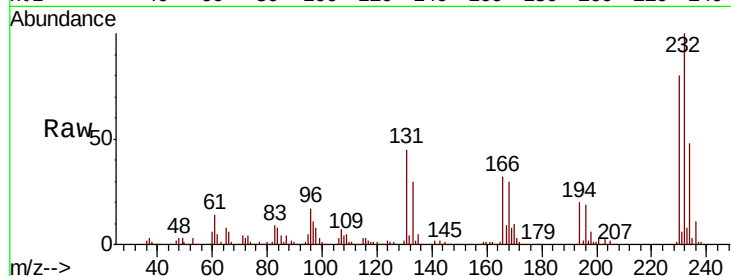




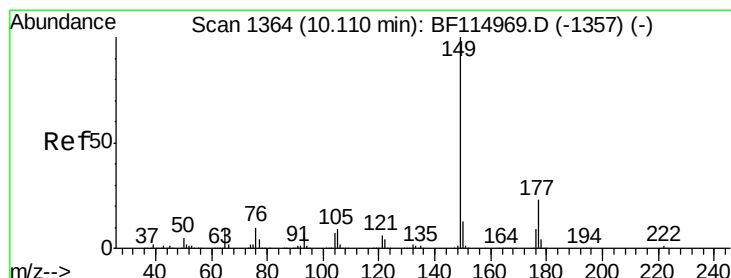
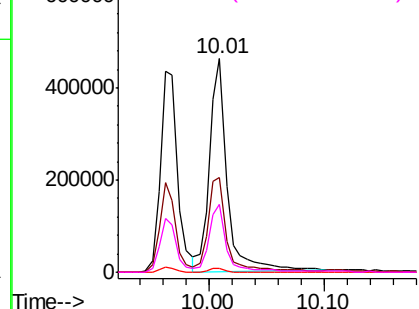
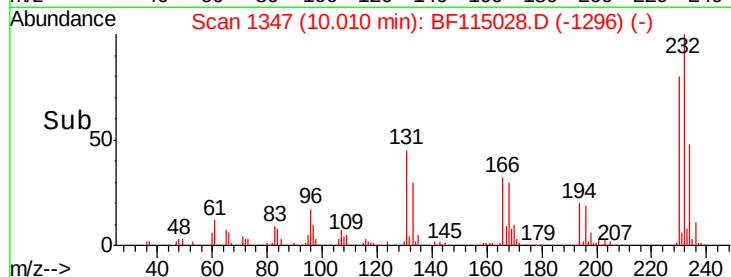
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.713 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 496914
Ion Ratio Lower Upper
232 100
131 45.2 36.9 55.3
130 2.2 1.8 2.6
166 29.7 24.8 37.2

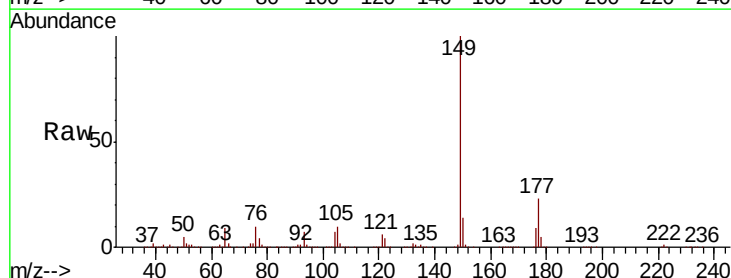


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

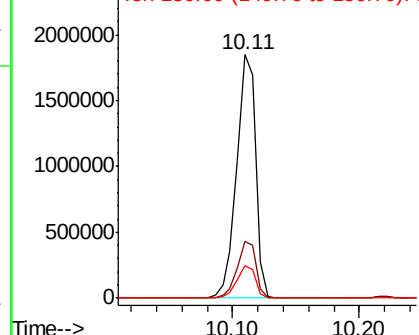
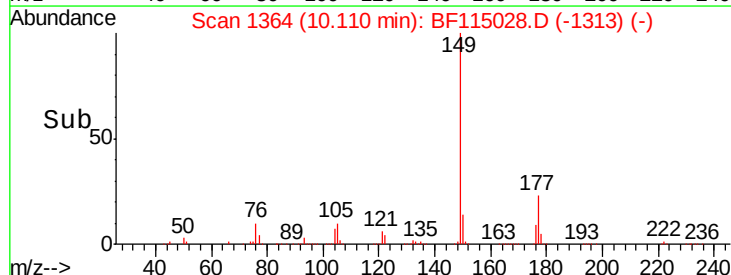


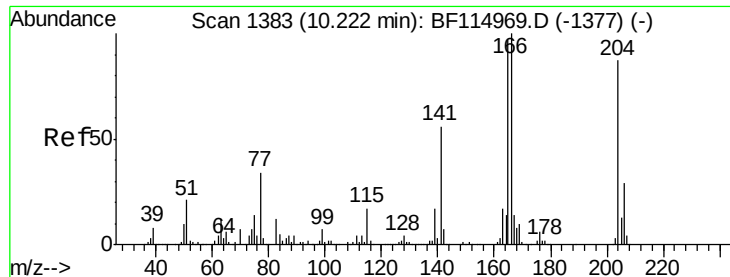
#60
Diethylphthalate
Concen: 40.844 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:149 Resp: 1896872
Ion Ratio Lower Upper
149 100
177 23.3 18.6 27.8
150 13.5 10.5 15.7



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: 40.428 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

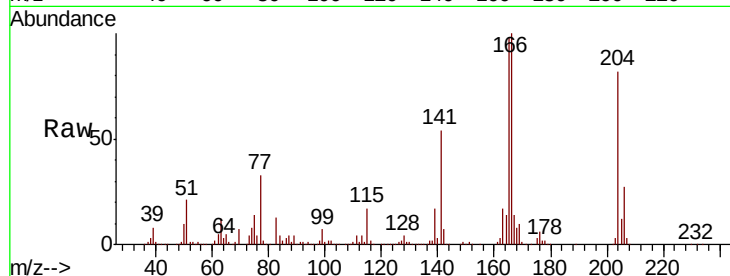
Tot Ion:204 Resp: 755195

Ion Ratio Lower Upper

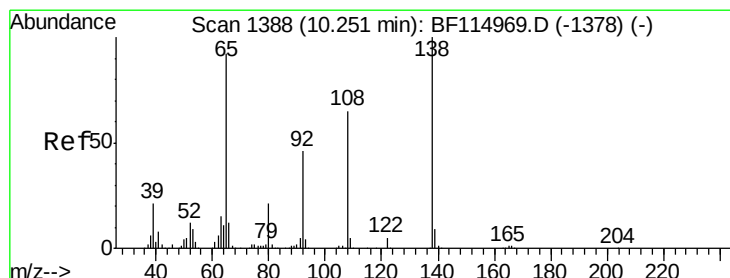
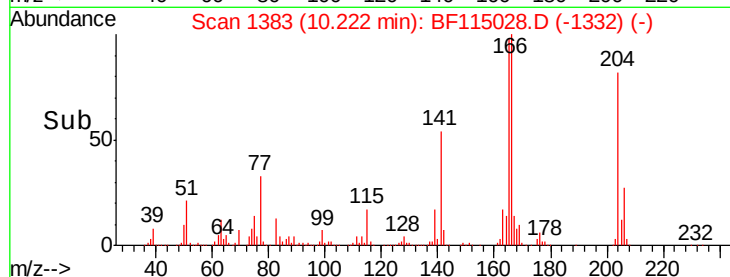
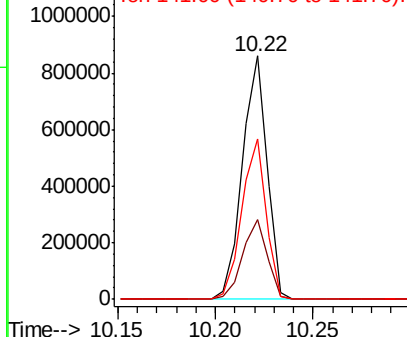
204 100

206 33.0 26.5 39.7

141 66.0 51.8 77.8



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: 44.062 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

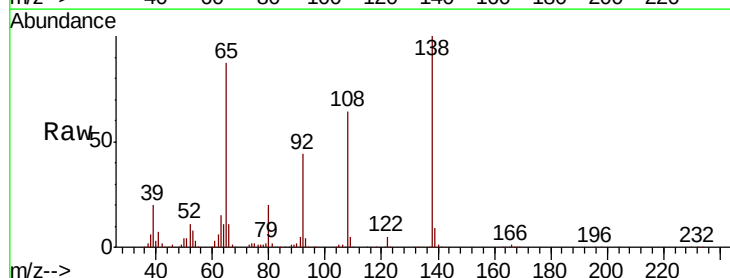
Tgt Ion:138 Resp: 598024

Ion Ratio Lower Upper

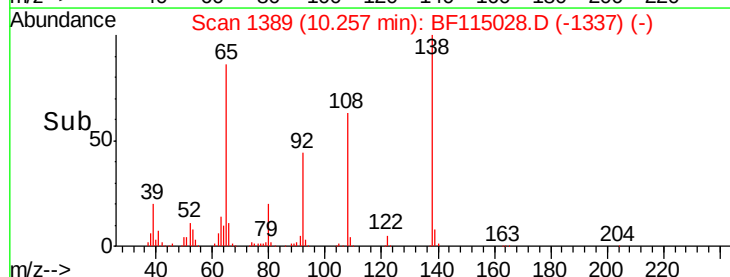
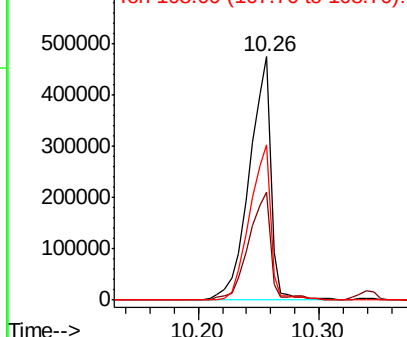
138 100

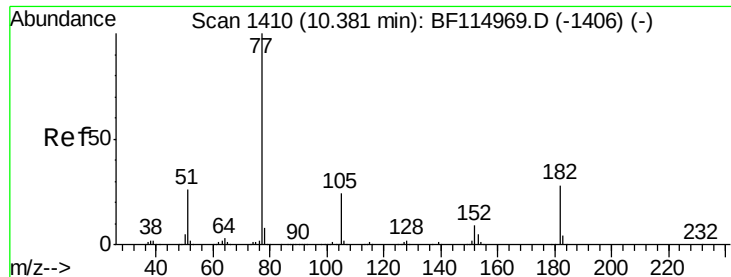
92 44.2 25.7 65.7

108 63.5 44.6 84.6



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: 40.891 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1661370

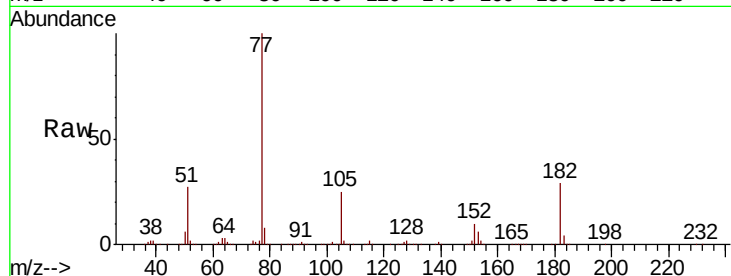
Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.4	47.4
105	24.7	4.2	44.2
51	27.2	6.2	46.2

77 100

182 28.7 7.4 47.4

105 24.7 4.2 44.2

51 27.2 6.2 46.2



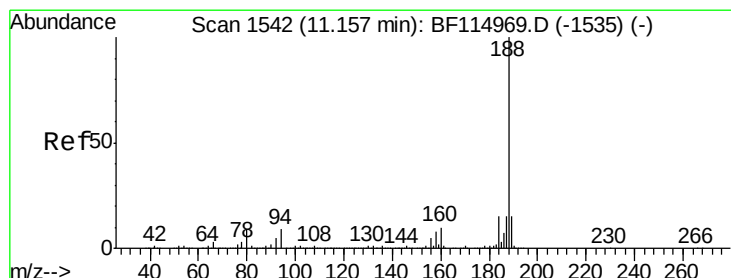
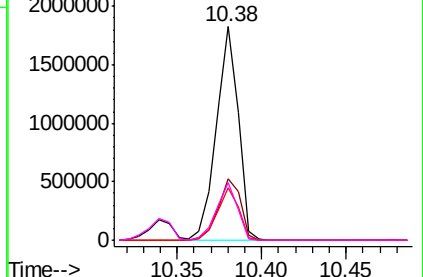
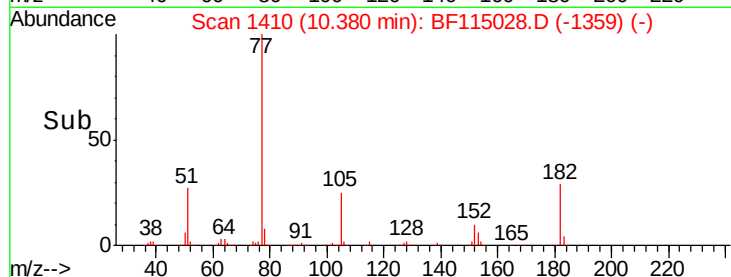
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

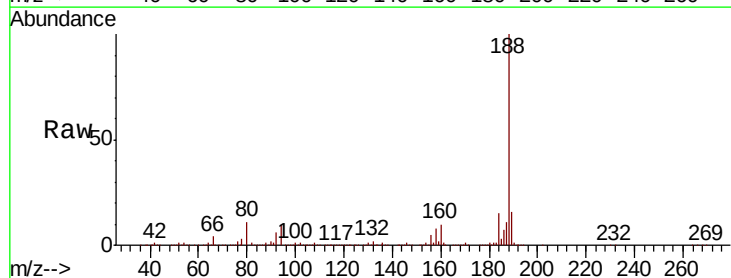
Tgt Ion: 188 Resp: 1242439

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.7	7.4	11.2

188 100

94 10.2 7.2 10.8

80 10.7 7.4 11.2

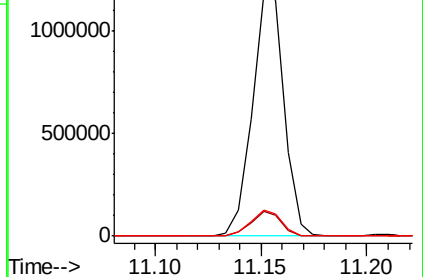
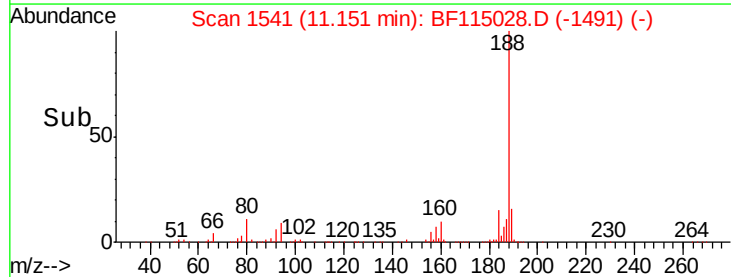


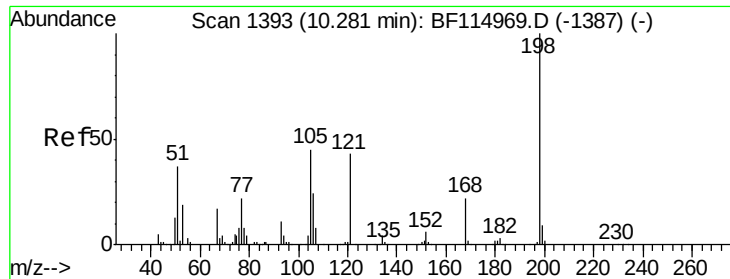
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 43.798 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

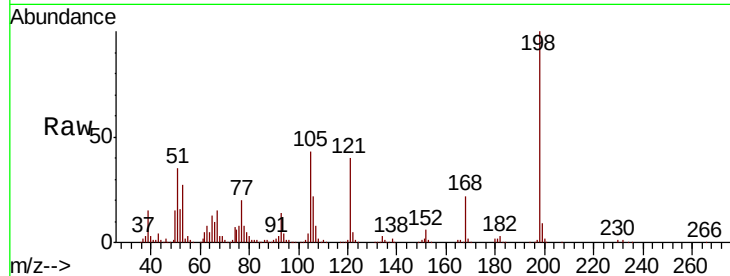
Tot Ion:198 Resp: 304996

Ion Ratio Lower Upper

198 100

51 35.3 23.0 63.0

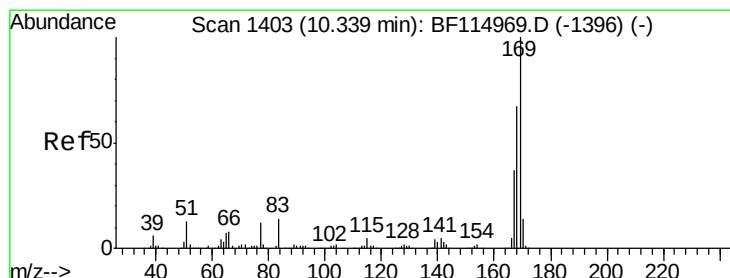
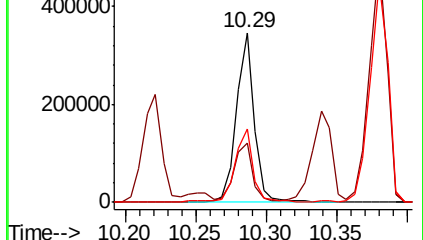
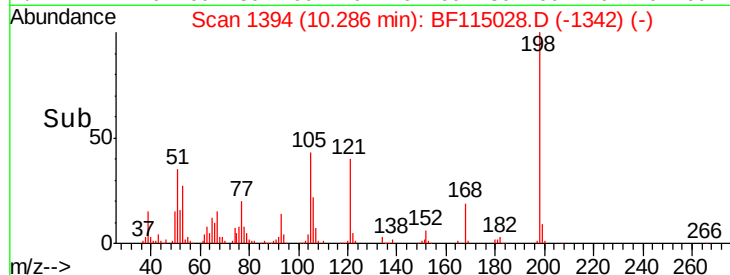
105 42.9 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.669 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

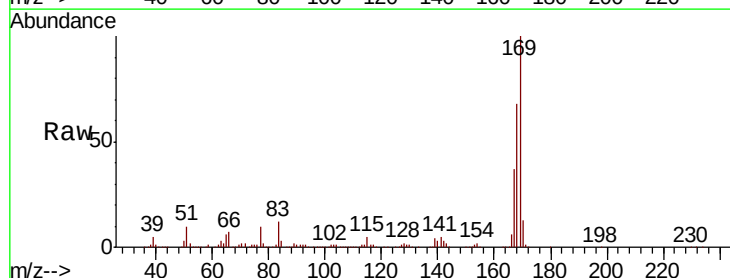
Tgt Ion:169 Resp: 1510408

Ion Ratio Lower Upper

169 100

168 67.5 53.6 80.4

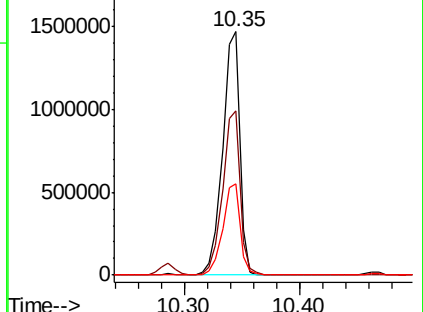
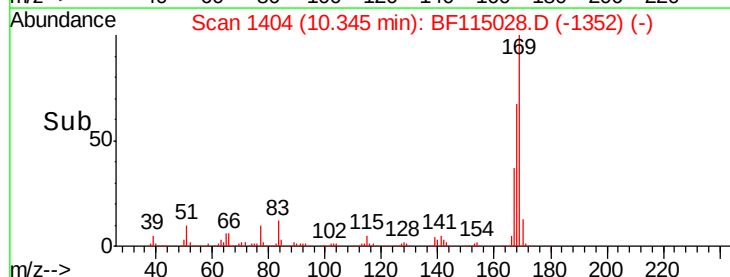
167 37.3 29.6 44.4

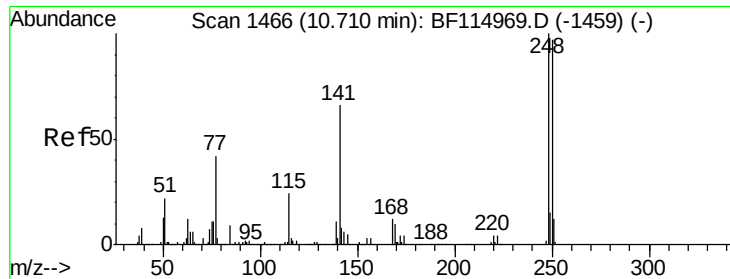


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

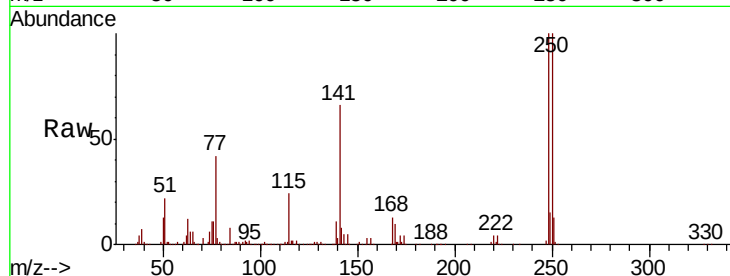




#67
4-Bromophenyl-phenylether
Concen: 41.218 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.8	116.8
141	66.5	53.1	79.7

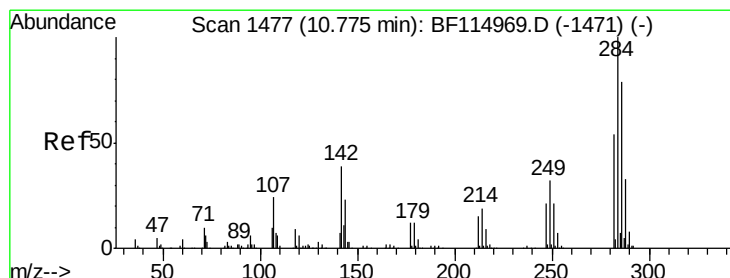
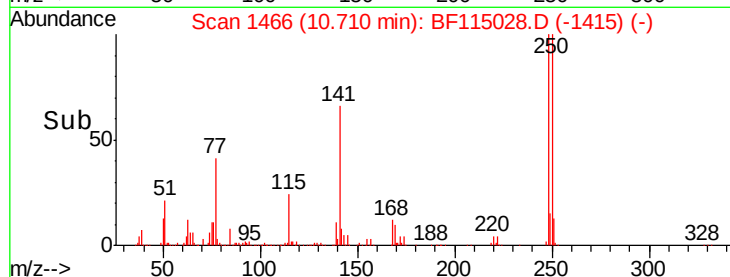
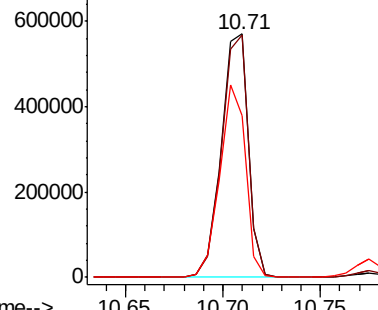


Abundance

Ion 248.00 (247.70 to 248.70): E

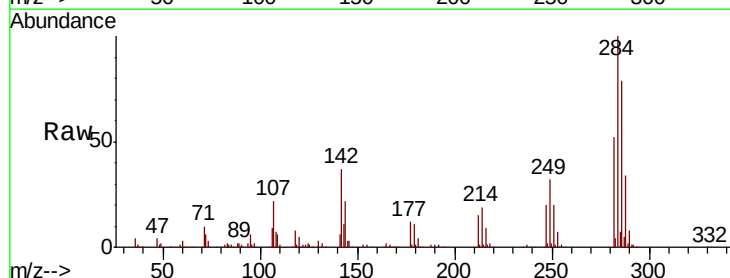
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.589 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	31.5	47.3
249	32.1	25.6	38.4

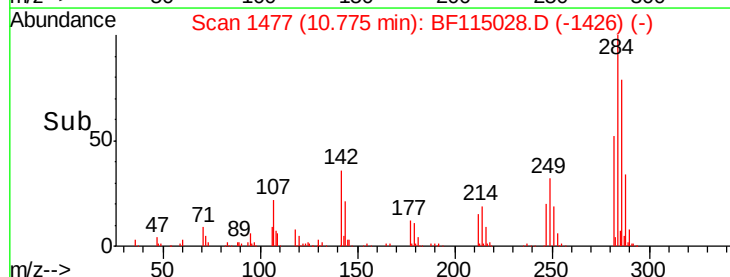
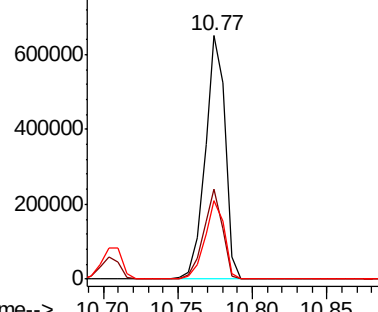


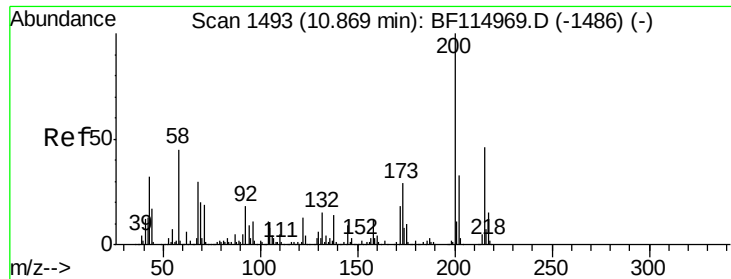
Abundance

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

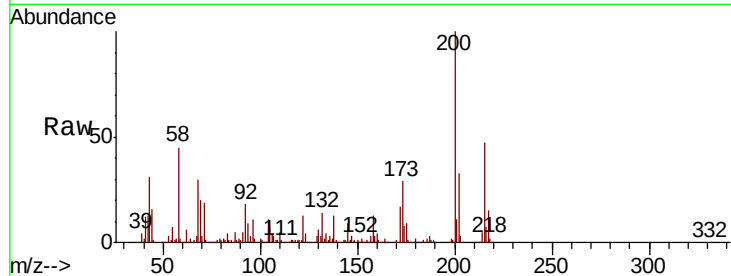




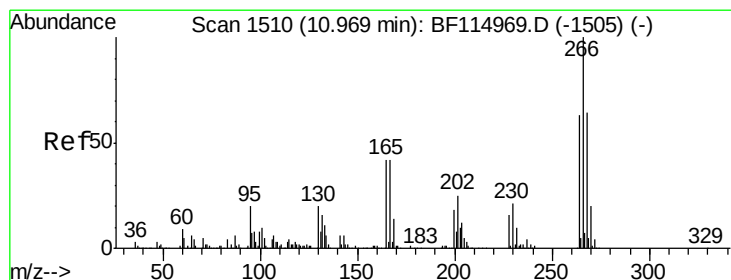
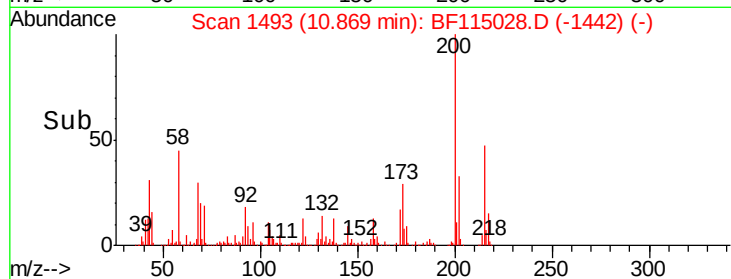
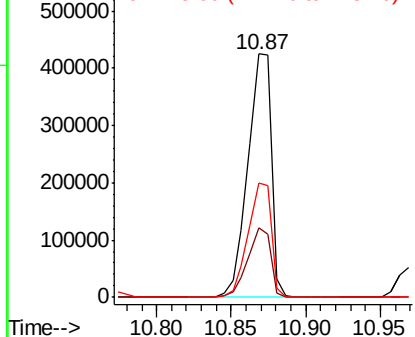
#69
Atrazine
Concen: 38.683 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.0	49.0
215	47.1	26.5	66.5

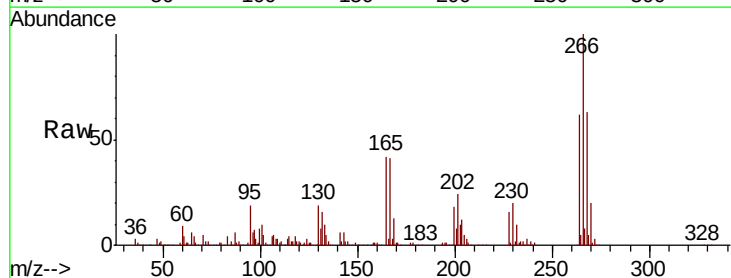


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

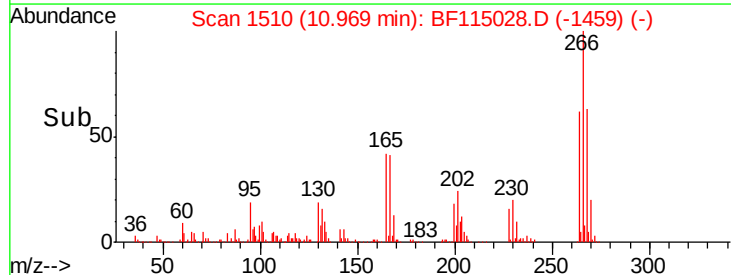
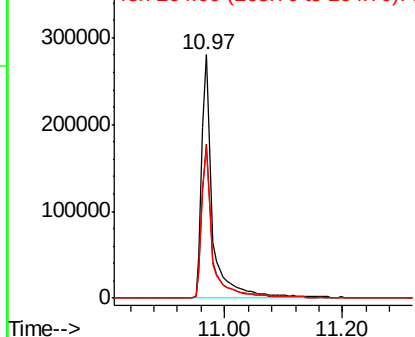


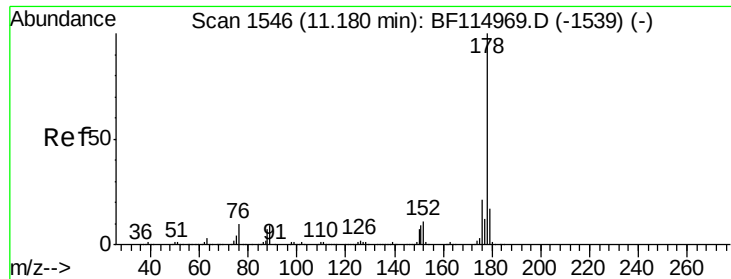
#70
Pentachlorophenol
Concen: 44.796 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.2
264	62.2	50.3	75.5



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

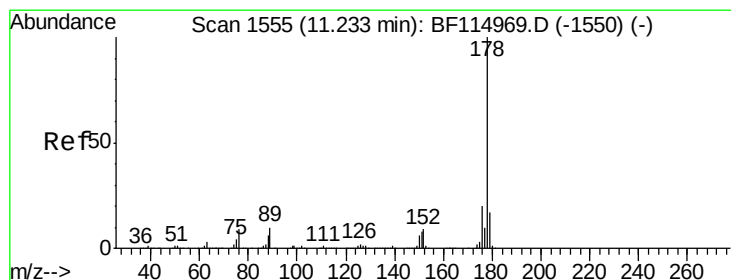
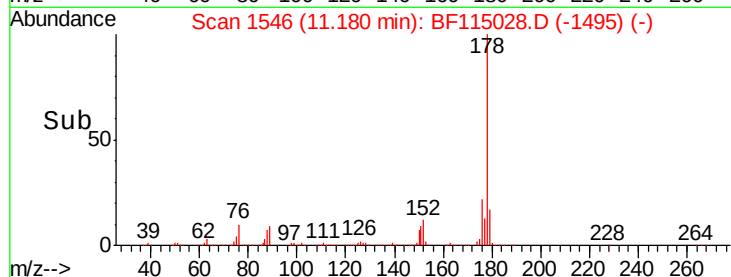
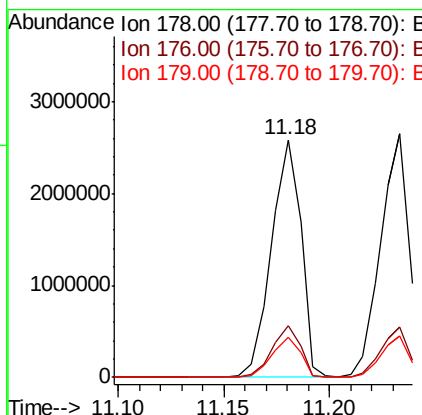
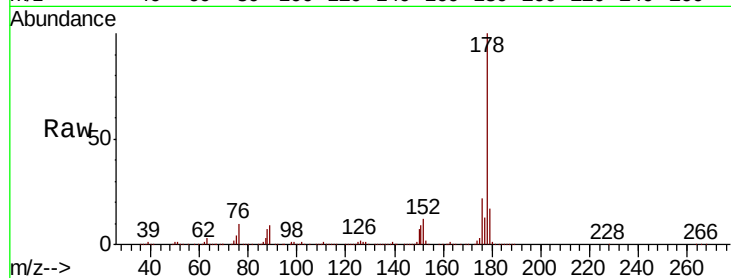




#71
Phenanthrene
Concen: 39.451 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

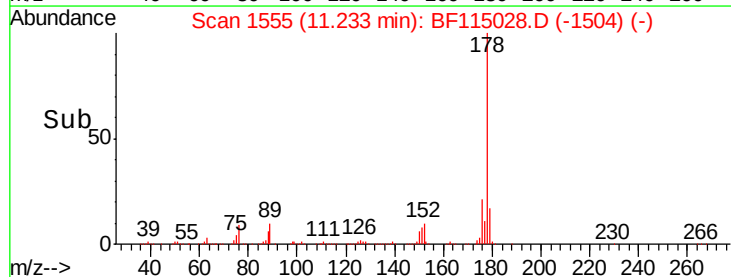
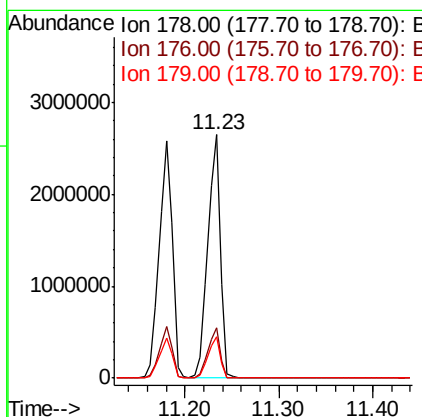
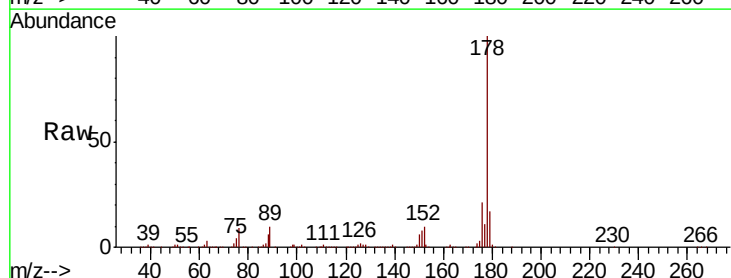
Instrument :
BNA_F
ClientSampleId :

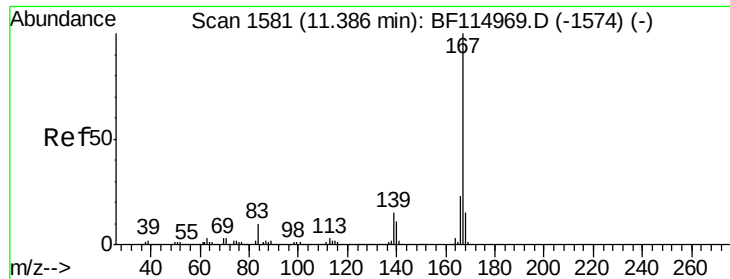
Tot Ion:178 Resp: 2530768
Ion Ratio Lower Upper
178 100
176 21.5 16.9 25.3
179 16.7 13.4 20.0



#72
Anthracene
Concen: 38.889 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:178 Resp: 2516745
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.7 13.2 19.8

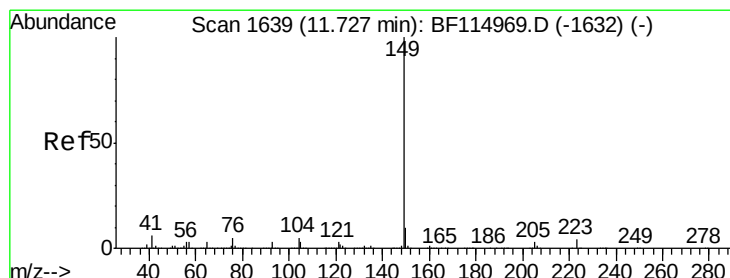
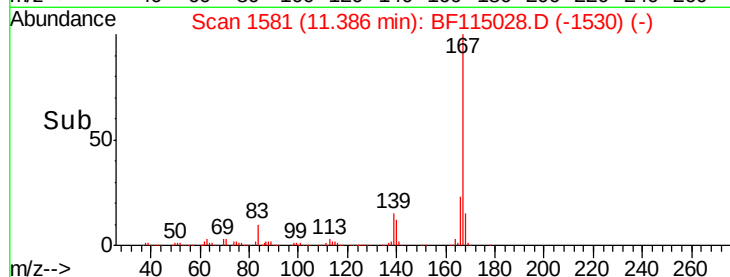
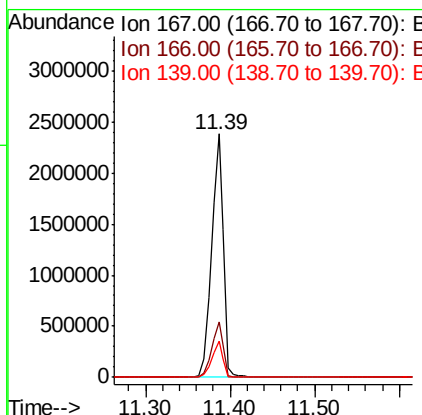
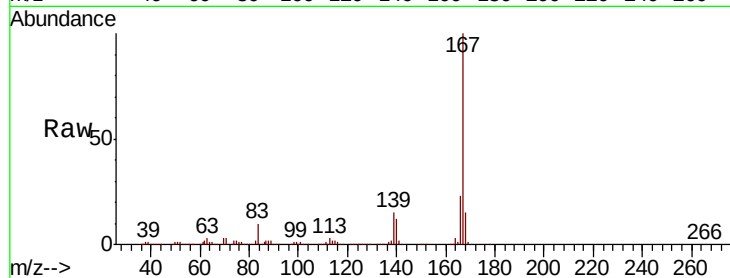




#73
 Carbazole
 Concen: 42.014 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

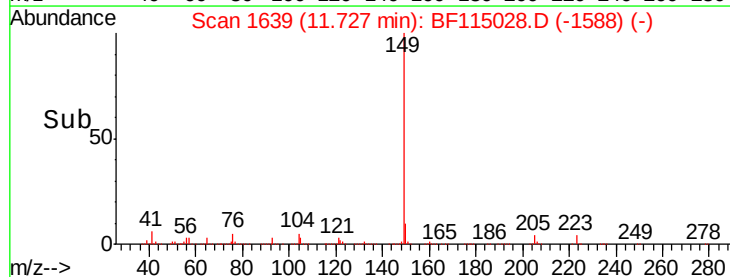
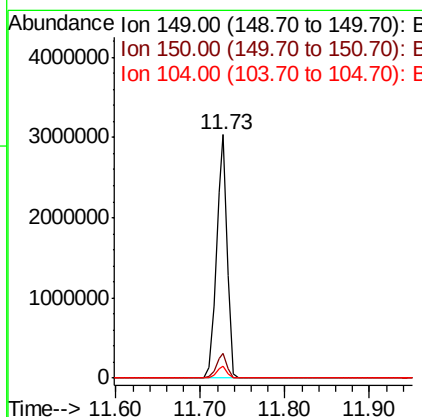
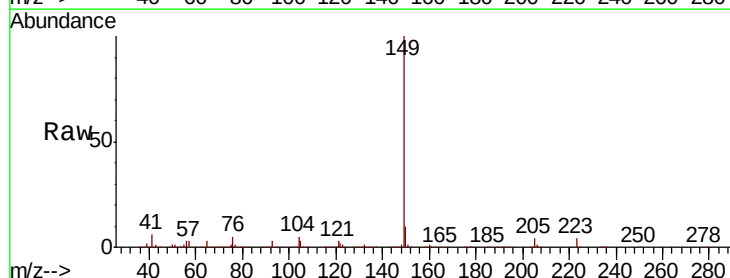
Instrument :
 BNA_F
 ClientSampleId :

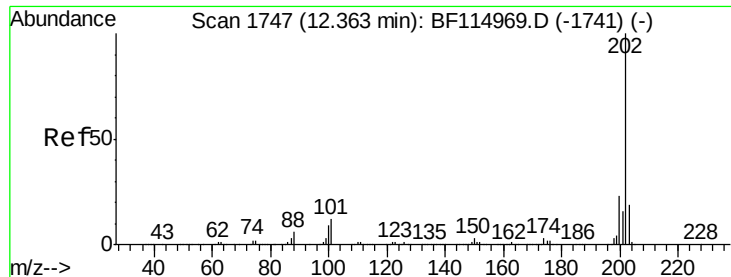
Tot Ion:167 Resp: 2373201
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.5 27.7
 139 15.1 12.0 18.0



#74
 Di-n-butylphthalate
 Concen: 38.599 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Tgt Ion:149 Resp: 2748684
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 39.618 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

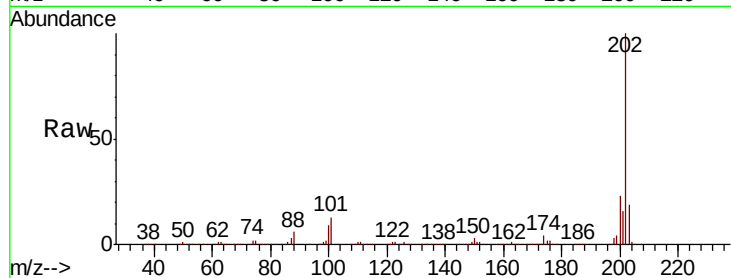
Tot Ion:202 Resp: 2598729

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
203	18.7	0.0	38.6

202 100

101 12.7 0.0 32.4

203 18.7 0.0 38.6

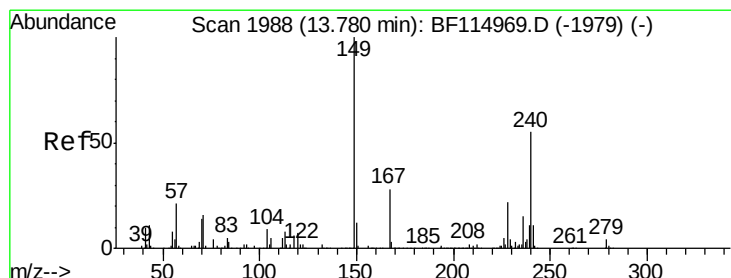
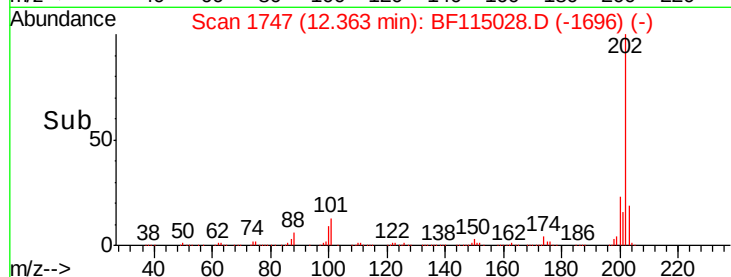
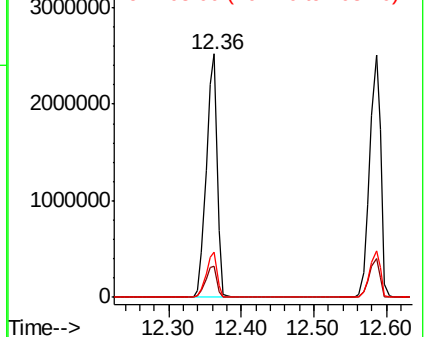


Abundance

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: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

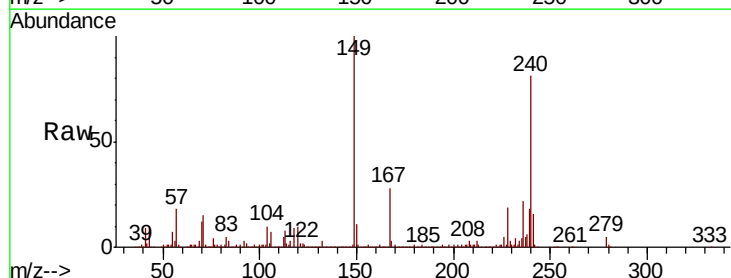
Tgt Ion:240 Resp: 731552

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.0	15.0
236	27.1	21.6	32.4

240 100

120 12.3 10.0 15.0

236 27.1 21.6 32.4

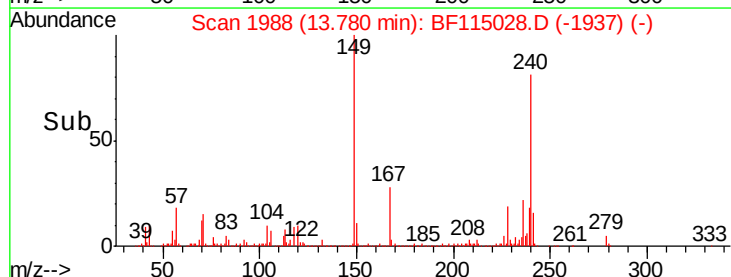
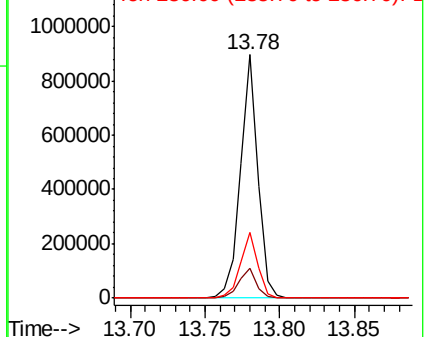


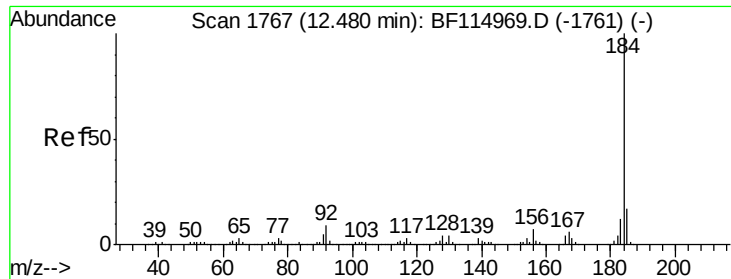
Abundance

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: 38.266 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

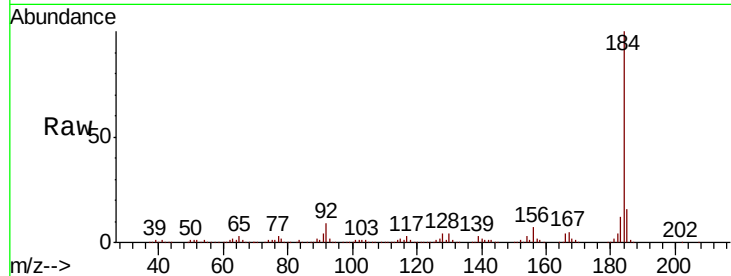
Tot Ion:184 Resp: 1132267

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

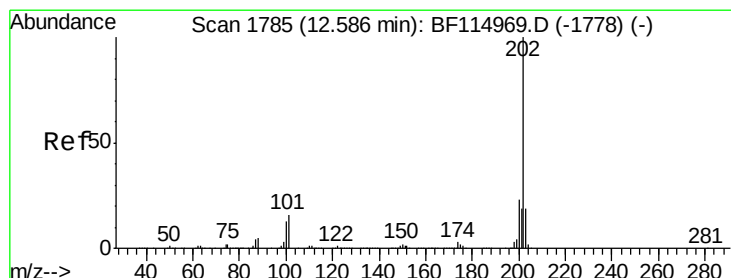
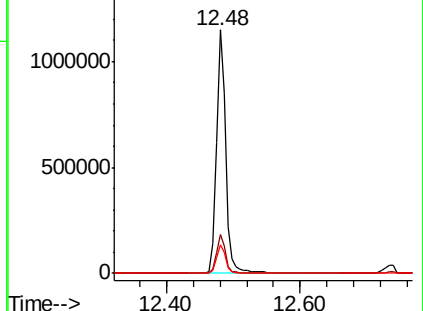
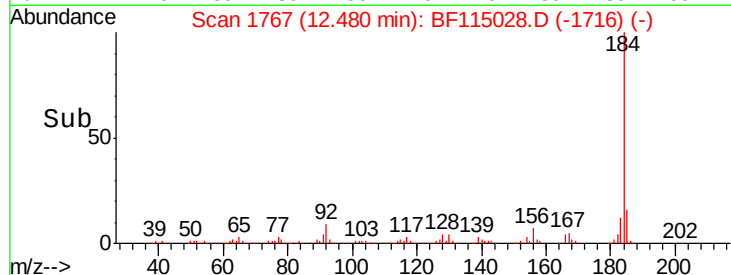
183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.064 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

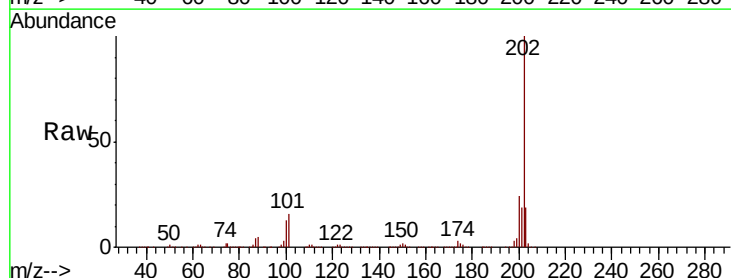
Tgt Ion:202 Resp: 2670013

Ion Ratio Lower Upper

202 100

200 23.5 18.4 27.6

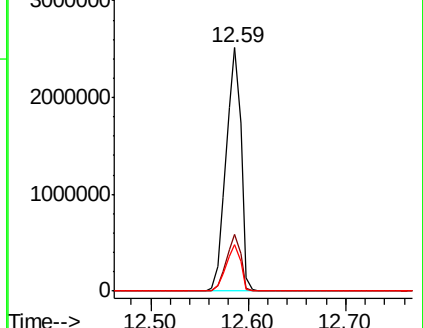
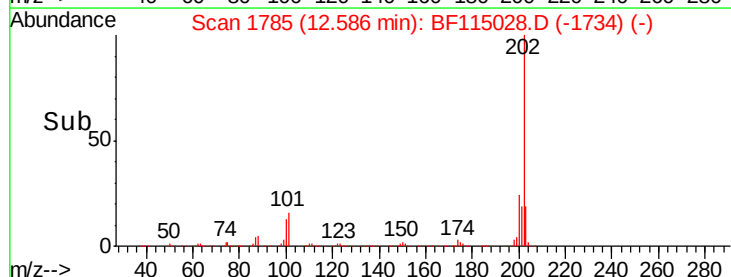
203 19.2 14.9 22.3

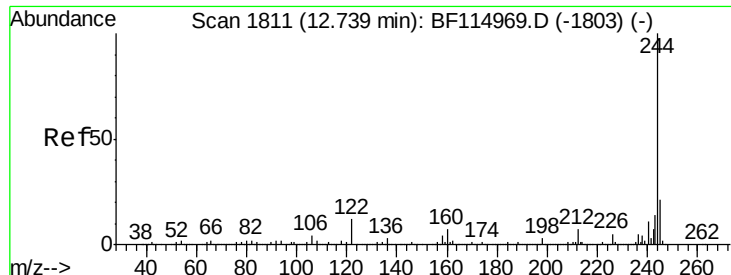


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

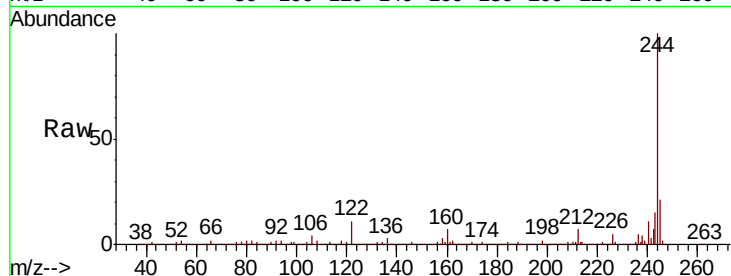




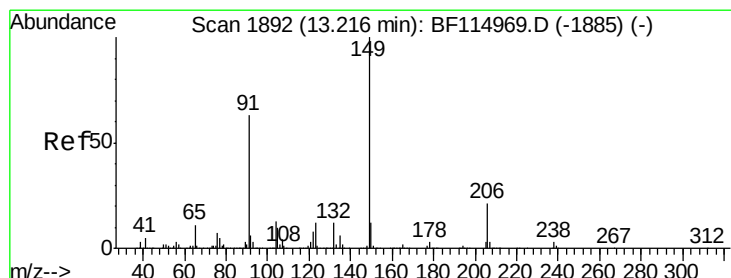
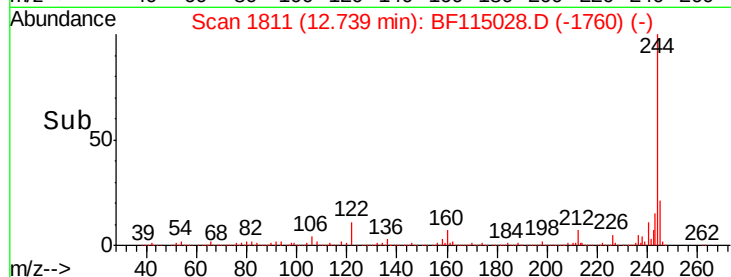
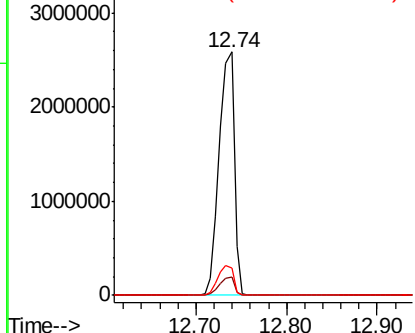
#79
 Terphenyl-d14
 Concen: 76.931 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2992169
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.4 9.4 14.0

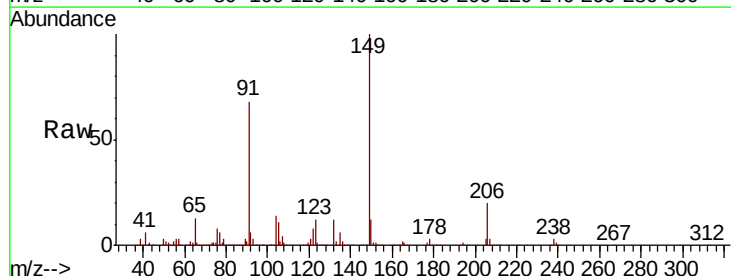


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

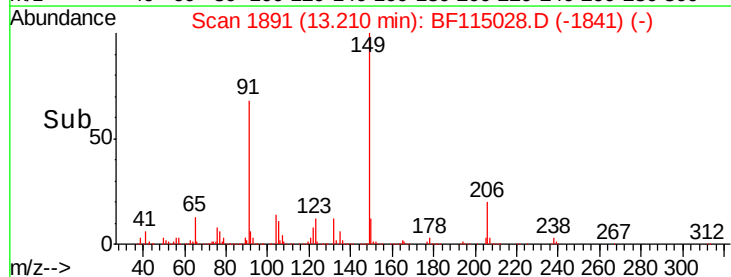
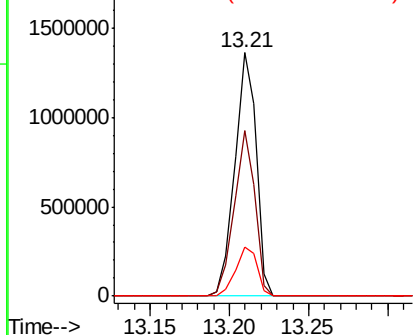


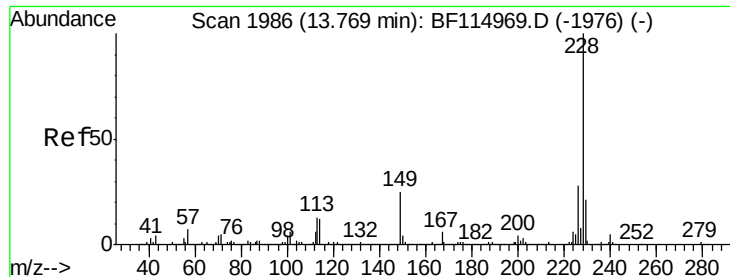
#80
 Butylbenzylphthalate
 Concen: 41.041 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Tgt Ion:149 Resp: 1277492
 Ion Ratio Lower Upper
 149 100
 91 67.9 50.6 76.0
 206 19.9 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.712 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

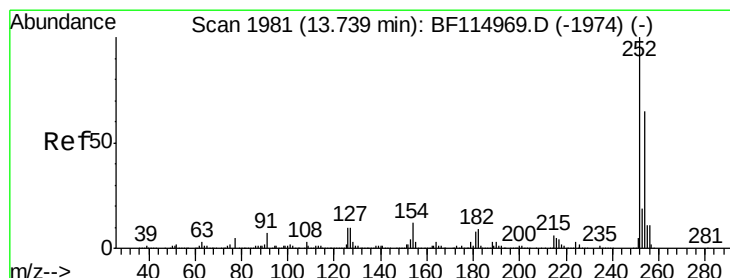
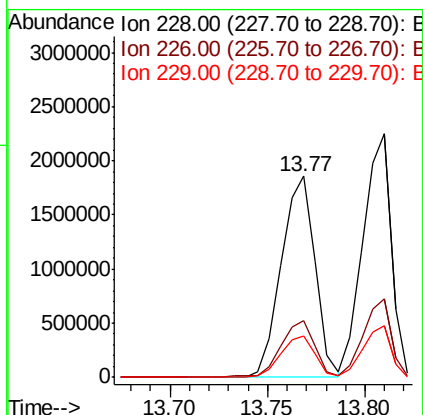
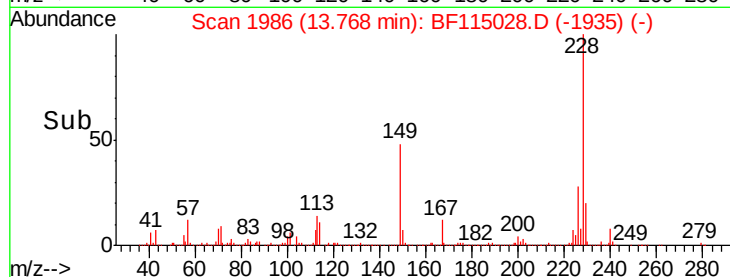
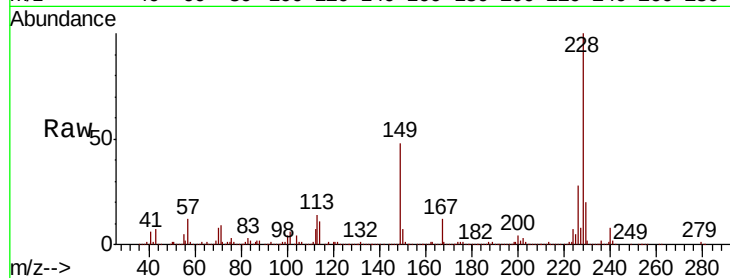
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2228727

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	20.5	16.6	25.0



#82

3,3'-Dichlorobenzidine

Concen: 43.571 ng

RT: 13.73 min Scan# 1980

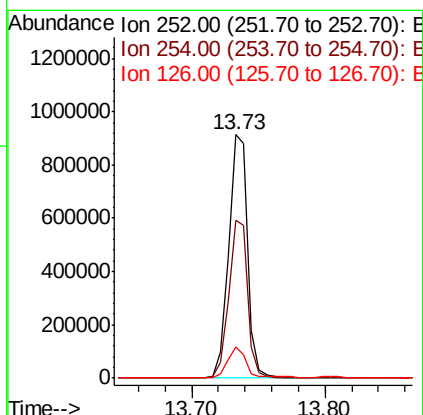
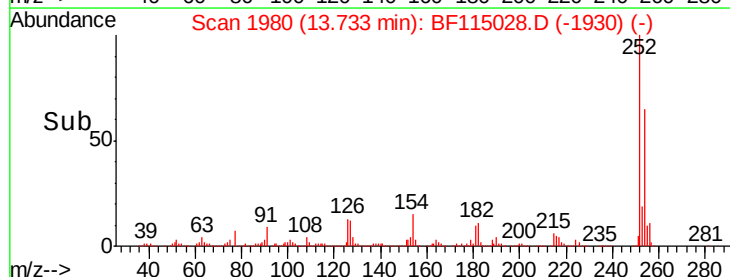
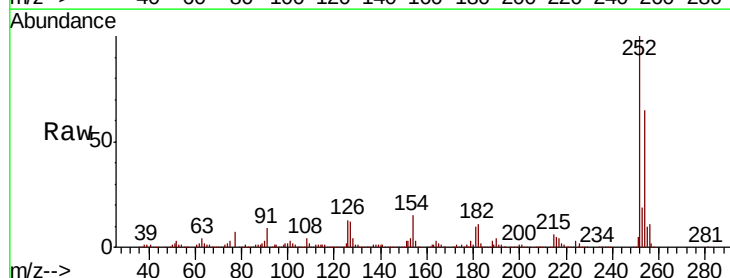
Delta R.T. -0.01 min

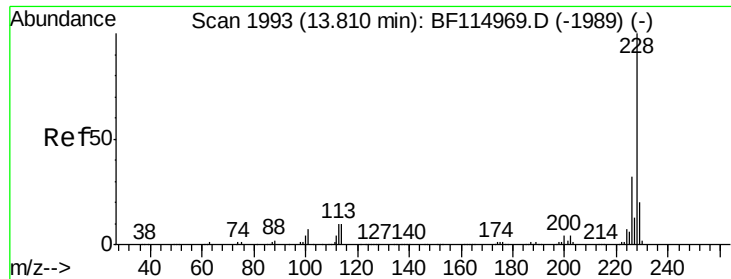
Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Tgt Ion:252 Resp: 914459

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.4
126	12.9	8.0	12.0#

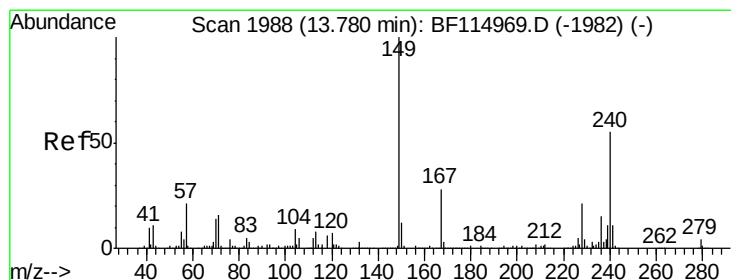
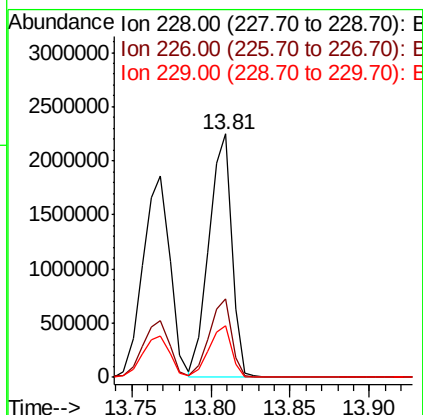
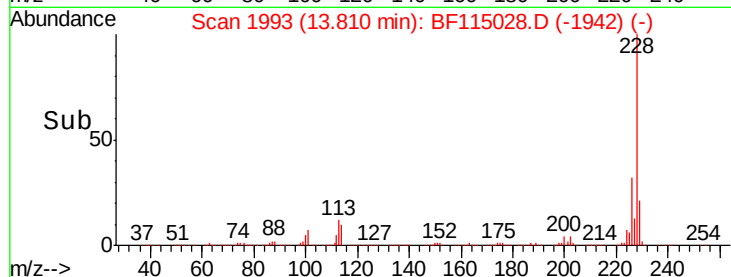
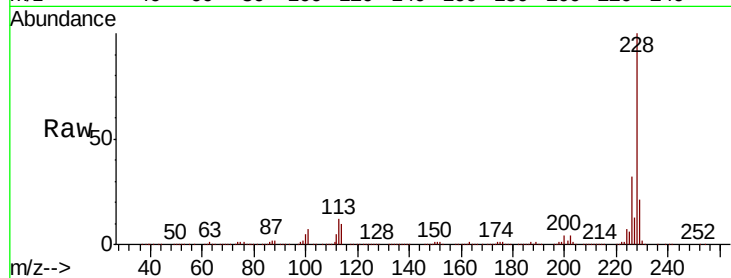




#83
 Chrysene
 Concen: 41.733 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

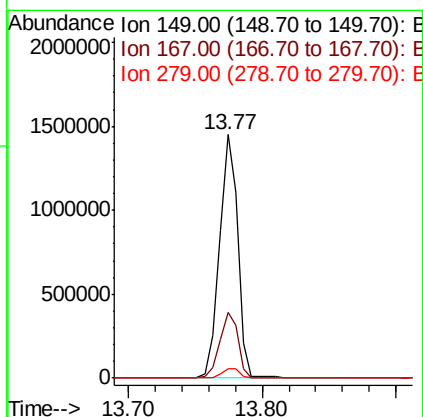
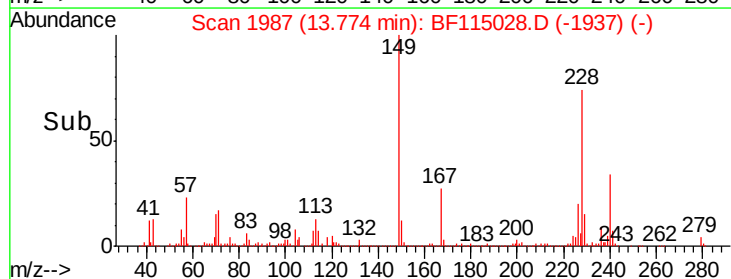
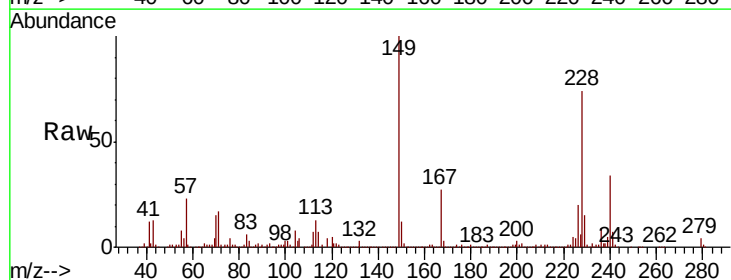
Instrument :
 BNA_F
 ClientSampleId :

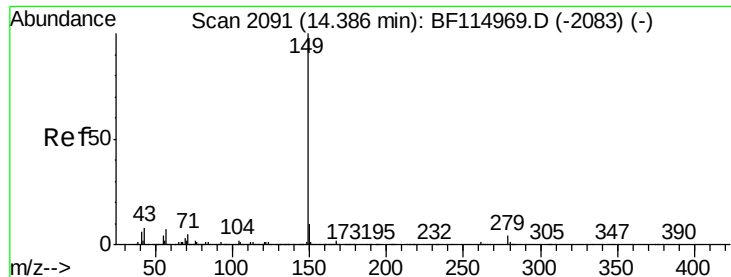
Tot Ion:228 Resp: 2271851
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.4 38.0
 229 21.0 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.099 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115028.D
 Acq: 14 Jun 2019 10:04

Tgt Ion:149 Resp: 1401636
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.2 33.4
 279 4.0 3.4 5.0

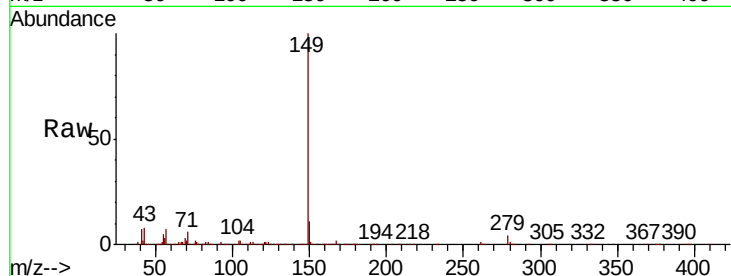




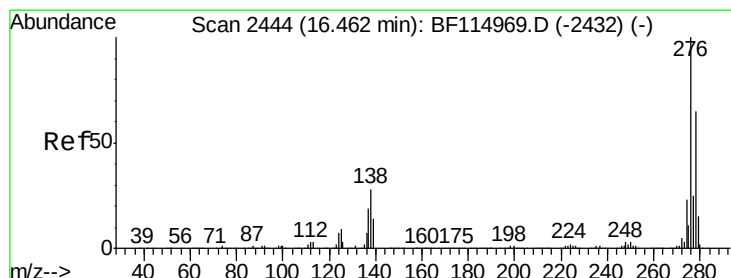
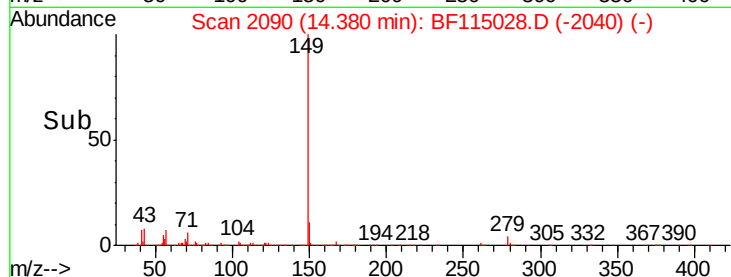
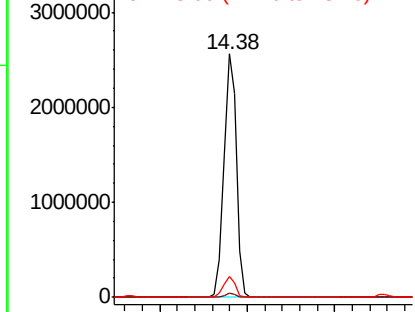
#85
Di-n-octyl phthalate
Concen: 40.204 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2547016
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.5 9.7

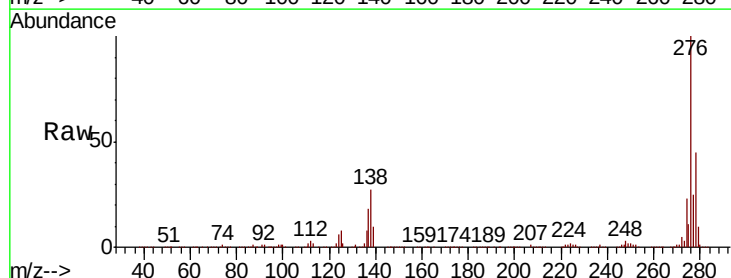


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

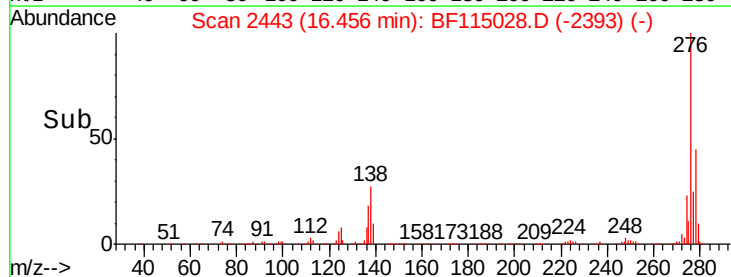
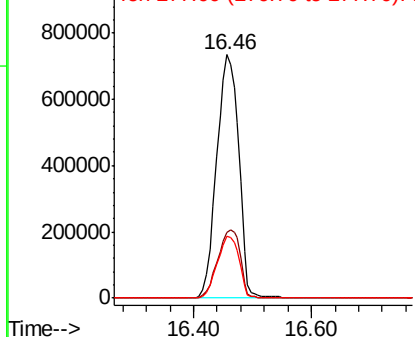


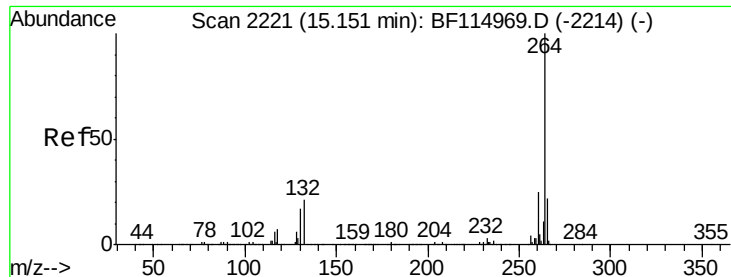
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.843 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:276 Resp: 1905214
Ion Ratio Lower Upper
276 100
138 28.9 23.0 34.4
277 25.4 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



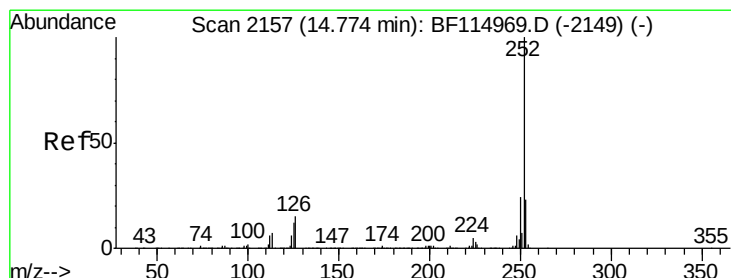
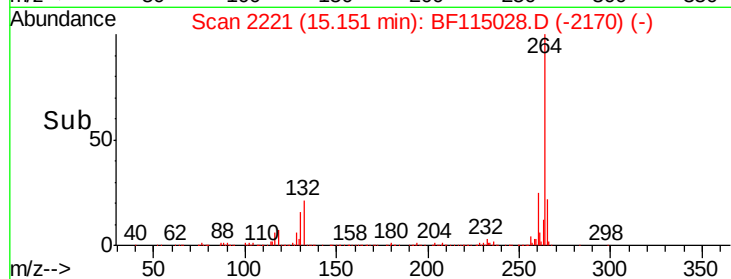
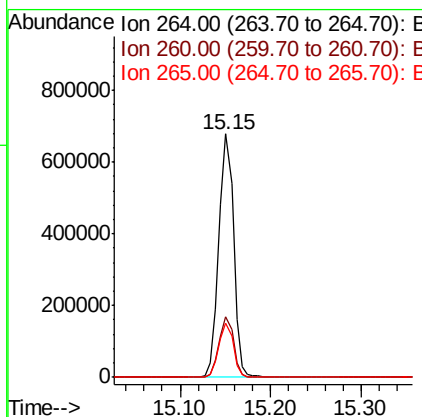
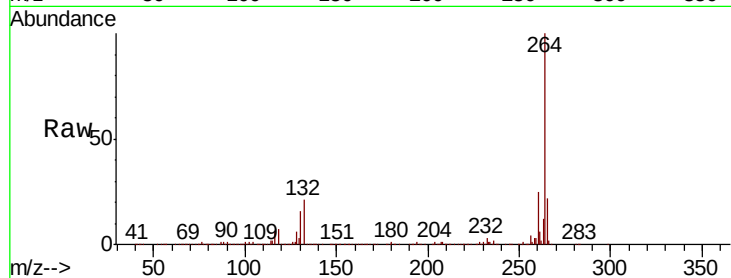


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 763454

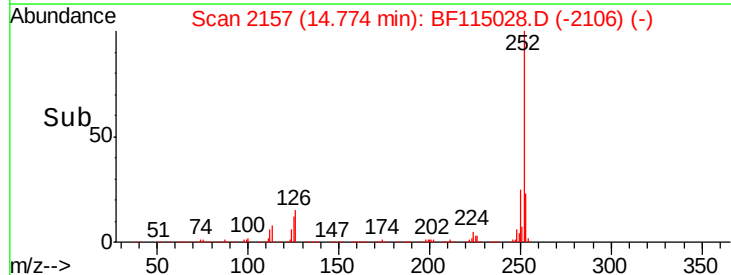
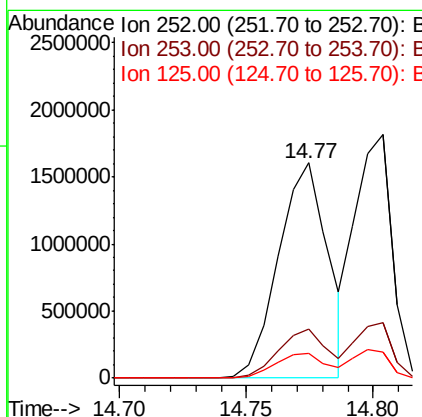
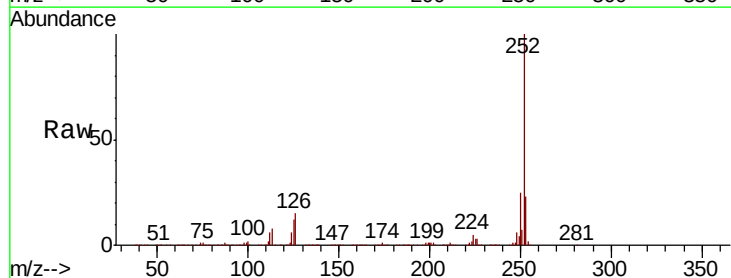
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.3	17.6	26.4

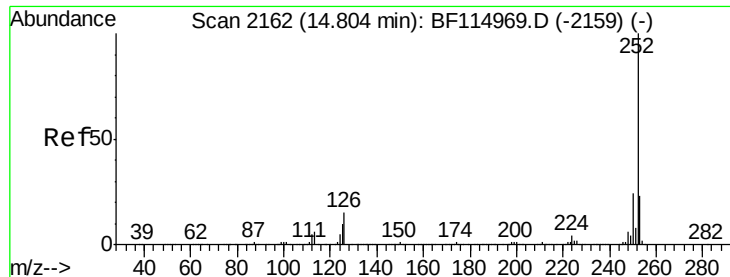


#88
Benzo(b)fluoranthene
Concen: 42.843 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:252 Resp: 2174341

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.8	9.4	14.0

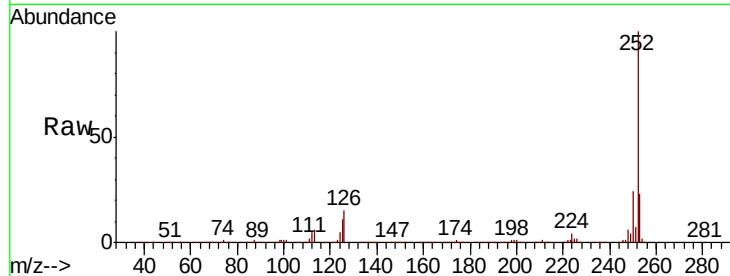




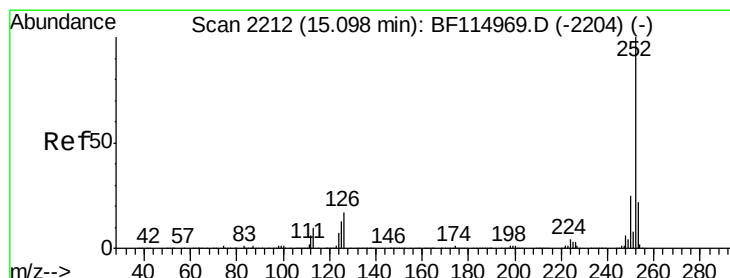
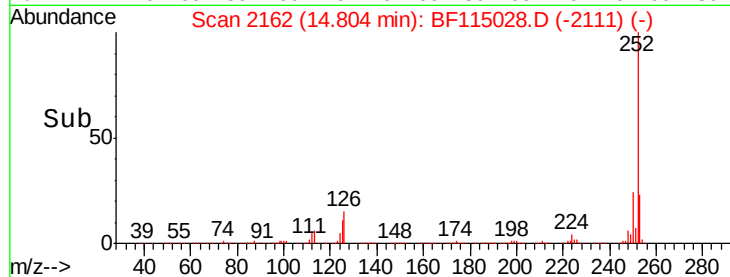
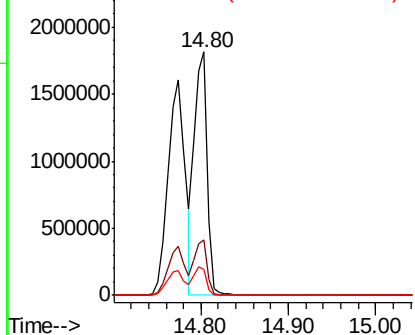
#89
Benzo(k)fluoranthene
Concen: 41.941 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1868336
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.6 8.2 12.4

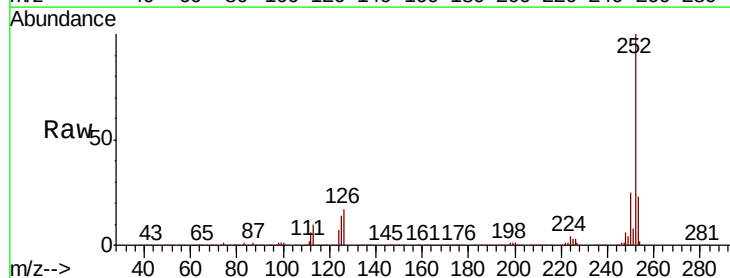


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

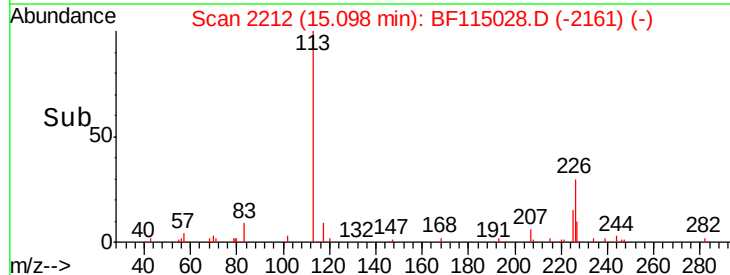
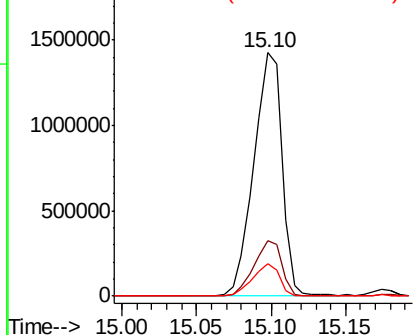


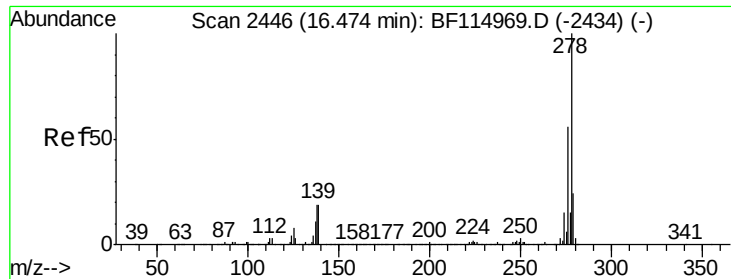
#90
Benzo(a)pyrene
Concen: 42.358 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115028.D
Acq: 14 Jun 2019 10:04

Tgt Ion:252 Resp: 1855006
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 13.6 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 40.676 ng

RT: 16.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

Instrument :

BNA_F

ClientSampleId :

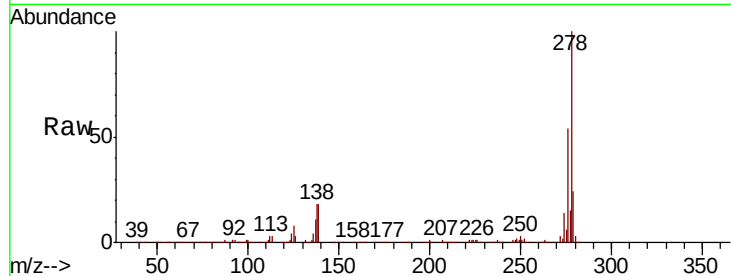
Tot Ion:278 Resp: 1534089

Ion Ratio Lower Upper

278 100

139 18.3 15.3 22.9

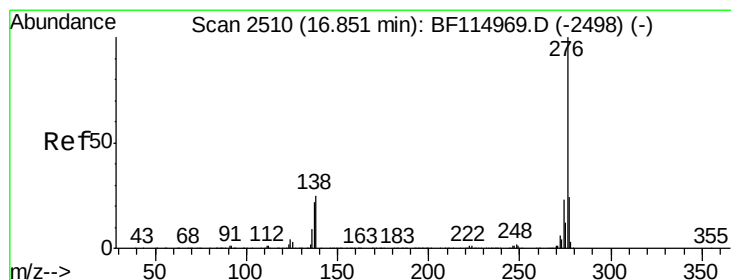
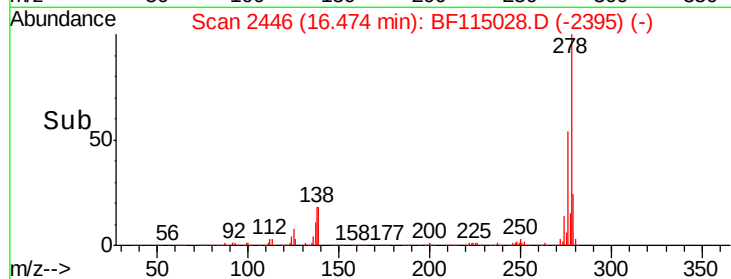
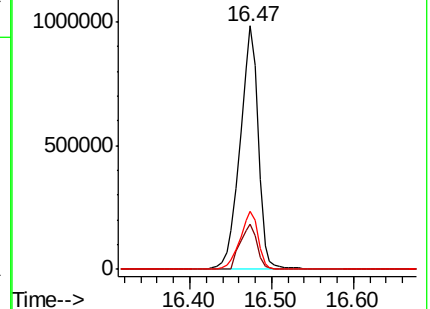
279 24.0 19.2 28.8



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: 40.880 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF115028.D

Acq: 14 Jun 2019 10:04

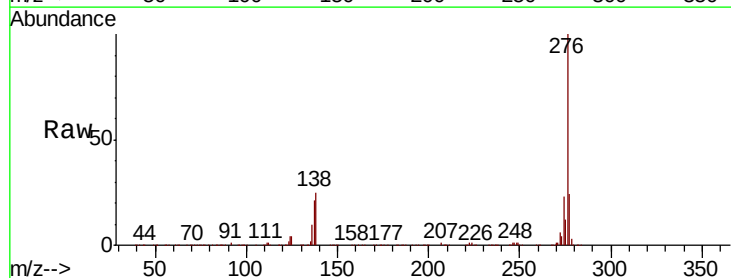
Tgt Ion:276 Resp: 1572355

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 24.6 20.2 30.4



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

