

Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: Jul 02 08:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	237977	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	931524	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	447879	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	834848	20.00	ng	0.00
76) Chrysene-d12	13.72	240	535878	20.00	ng	0.00
87) Perylene-d12	15.09	264	475686	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	424860	27.55	ng	0.00
7) Phenol-d6	6.24	99	552364	29.51	ng	0.00
23) Nitrobenzene-d5	7.16	82	308734	20.39	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	144805	30.66	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	700488	26.57	ng	0.00
79) Terphenyl-d14	12.68	244	717609	28.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	753	0.103	ng	# 24
3) Pyridine	2.79	79	109	0.005	ng	# 1
4) n-Nitrosodimethylamine	2.76	42	153	0.019	ng	# 1
6) Aniline	6.26	93	1920	0.075	ng	# 35
9) Benzaldehyde	6.14	77	2435	0.199	ng	# 90
10) Phenol	6.25	94	4757	0.217	ng	# 83
11) bis(2-Chloroethyl)ether	6.33	93	141	0.009	ng	# 23
12) 1,3-Dichlorobenzene	6.62	146	108	0.006	ng	# 1
13) 1,4-Dichlorobenzene	6.62	146	108	0.006	ng	# 25
14) 1,2-Dichlorobenzene	6.62	146	108	0.006	ng	# 24
15) Benzyl Alcohol	6.75	79	6404	0.470	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.83	45	120	0.005	ng	# 67
17) 2-Methylphenol	7.02	107	1875	0.131	ng	# 61
18) Hexachloroethane	7.15	117	322	0.046	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	40288	3.362	ng	# 77
20) 3+4-Methylphenols	7.02	107	1875	0.113	ng	# 89
22) Acetophenone	7.01	105	4836	0.227	ng	# 87
24) Nitrobenzene	7.16	77	1659	0.099	ng	# 24
25) Isophorone	7.16	82	304671	9.821	ng	# 63
27) 2,4-Dimethylphenol	7.54	122	109	0.008	ng	# 6
28) bis(2-Chloroethoxy)methane	7.48	93	112	0.006	ng	# 5
31) Naphthalene	7.90	128	34204	0.748	ng	# 97
32) Benzoic acid	7.60	122	1997	0.207	ng	# 94
33) 4-Chloroaniline	7.90	127	4075	0.195	ng	# 27
35) Caprolactam	8.32	113	280	0.060	ng	# 1
36) 4-Chloro-3-methylphenol	8.46	107	2469	0.175	ng	# 34
37) 2-Methylnaphthalene	8.60	142	12537	0.407	ng	# 97
38) 1-Methylnaphthalene	8.60	142	12537	0.426	ng	# 97
46) 1,1'-Biphenyl	9.05	154	5031	0.140	ng	# 97
47) 2-Chloronaphthalene	9.12	162	361	0.012	ng	# 39
48) 2-Nitroaniline	9.16	65	142	0.017	ng	# 1
49) Acenaphthylene	9.49	152	53166	1.174	ng	# 97
50) Dimethylphthalate	9.35	163	103889	3.153	ng	# 98
51) 2,6-Dinitrotoluene	9.63	165	59595	7.834	ng	# 29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

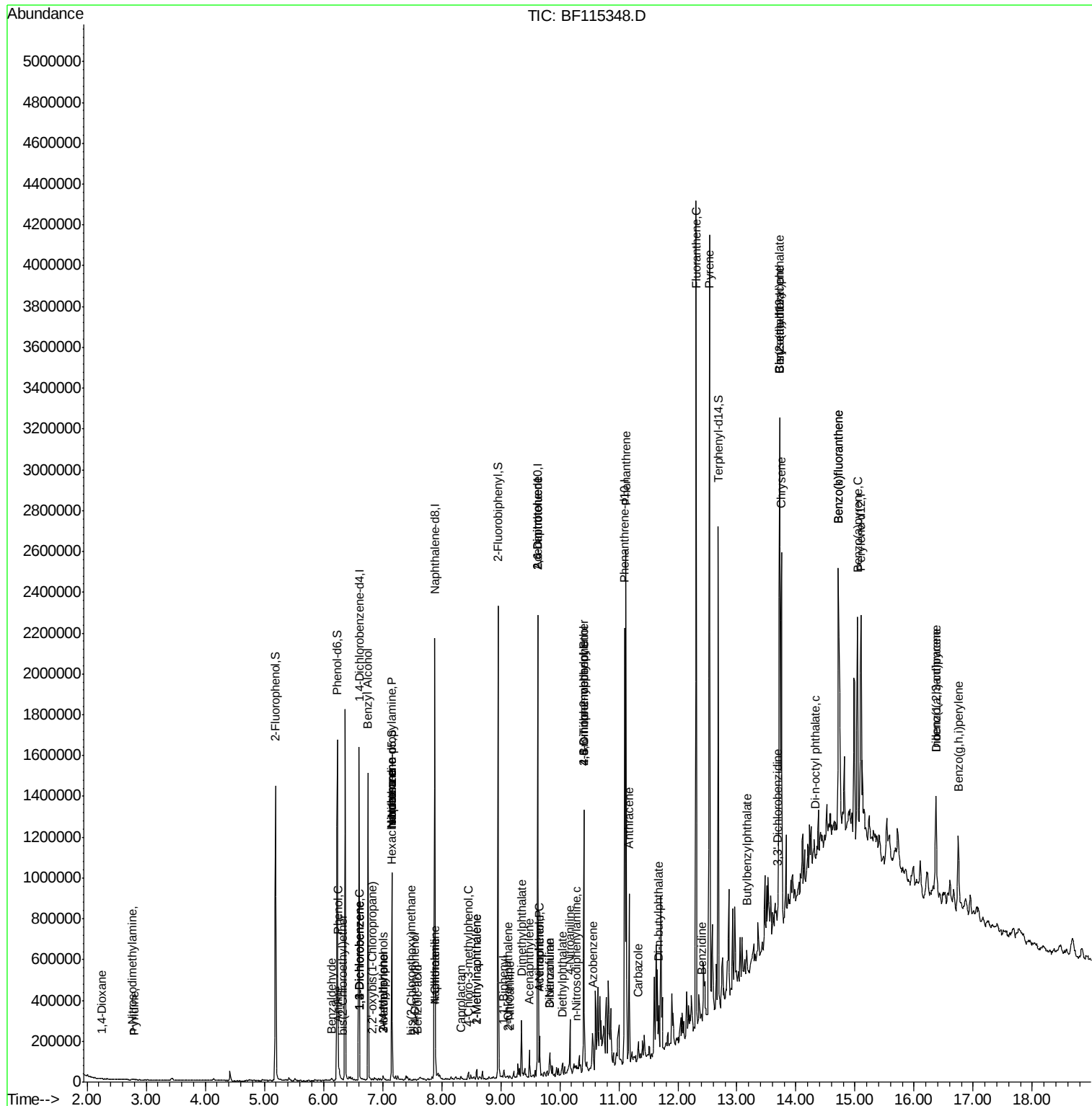
52) Acenaphthene	9.66	154	35495	1.252	ng	98
53) 3-Nitroaniline	9.83	138	567	0.061	ng	# 5
55) Dibenzofuran	9.83	168	31161	0.766	ng	98
56) 4-Nitrophenol	9.66	139	486	0.065	ng	91
57) 2,4-Dinitrotoluene	9.63	165	59595	6.067	ng	# 31
58) Fluorene	10.17	166	63379	Below	Cal	99
60) Diethylphthalate	10.05	149	2055	0.062	ng	# 78
62) 4-Nitroaniline	10.17	138	800	0.086	ng	# 43
63) Azobenzene	10.56	77	3759	0.122	ng	74
65) 4,6-Dinitro-2-methylphenol	10.41	198	112	4.983	ng	# 1
66) n-Nitrosodiphenylamine	10.29	169	6589	0.253	ng	# 78
67) 4-Bromophenyl-phenylether	10.41	248	9098	1.005	ng	# 1
71) Phenanthrene	11.13	178	971082	21.604	ng	97
72) Anthracene	11.18	178	290656	6.406	ng	98
73) Carbazole	11.33	167	35460	0.875	ng	99
74) Di-n-butylphthalate	11.68	149	9253	0.198	ng	# 74
75) Fluoranthene	12.31	202	1690397	37.692	ng	97
77) Benzidine	12.41	184	949	0.040	ng	# 1
78) Pyrene	12.54	202	1551029	37.662	ng	99
80) Butylbenzylphthalate	13.17	149	18818	1.035	ng	98
81) Benzo(a)anthracene	13.72	228	710134	18.469	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	1736	0.125	ng	# 45
83) Chrysene	13.75	228	677063	19.223	ng	97
84) Bis(2-ethylhexyl)phthalate	13.73	149	30360	1.275	ng	# 96
85) Di-n-octyl phthalate	14.34	149	4241	0.106	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.37	276	300835	7.218	ng	94
88) Benzo(b)fluoranthene	14.72	252	954395	32.155	ng	# 96
89) Benzo(k)fluoranthene	14.72	252	954395	35.855	ng	99
90) Benzo(a)pyrene	15.04	252	510787	19.093	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	75349	3.017	ng	# 83
92) Benzo(g,h,i)perylene	16.75	276	282092	11.160	ng	98

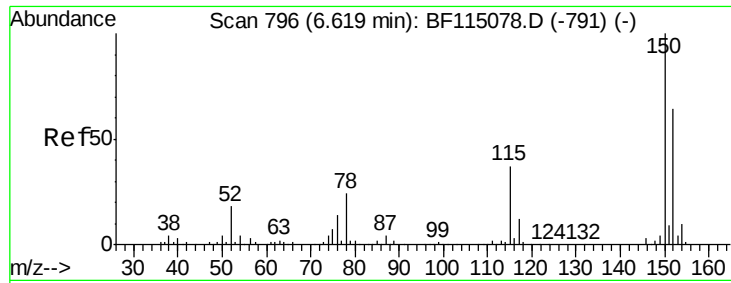
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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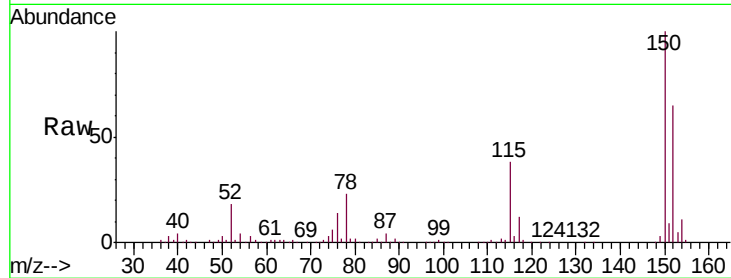


#1

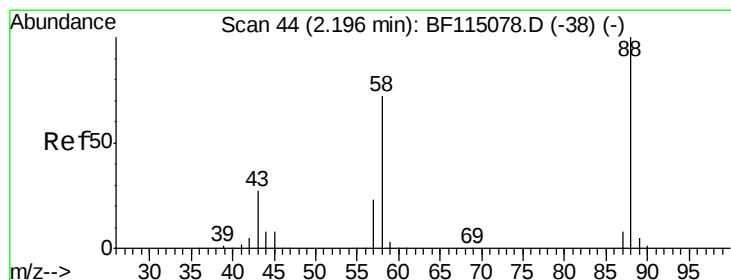
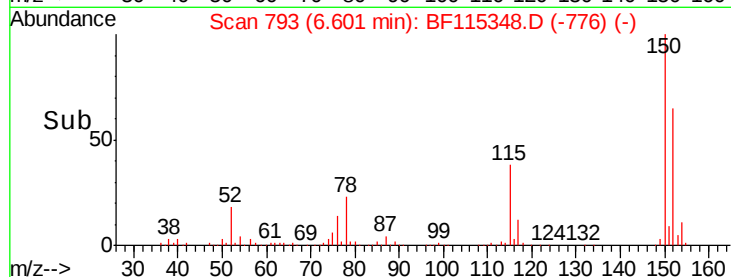
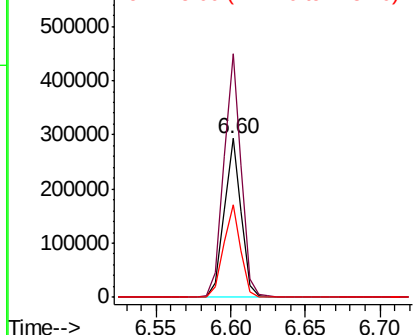
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 237977
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.2
115 58.1 46.1 69.1



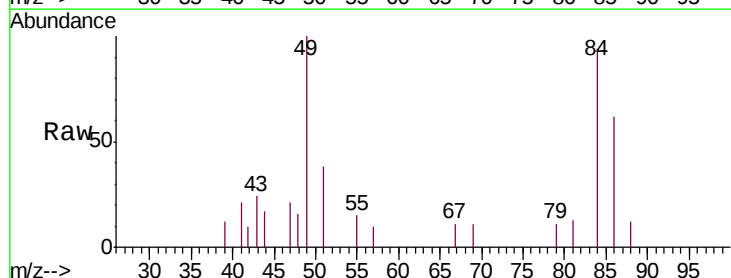
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



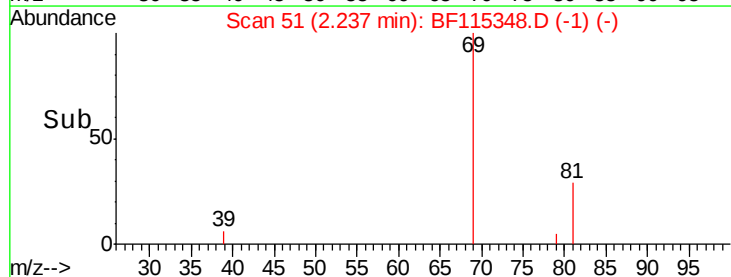
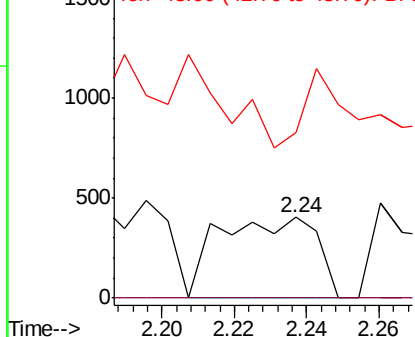
#2

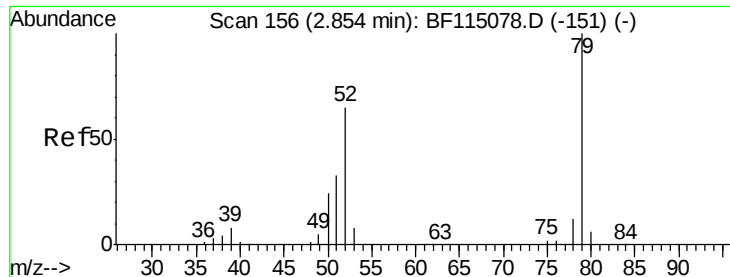
1,4-Dioxane
Concen: 0.103 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion: 88 Resp: 753
Ion Ratio Lower Upper
88 100
58 0.0 56.1 84.1#
43 52.5 21.3 31.9#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.005 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

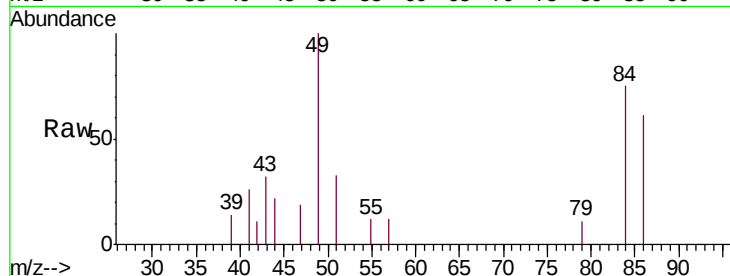
Tgt Ion: 79 Resp: 109

Ion Ratio Lower Upper

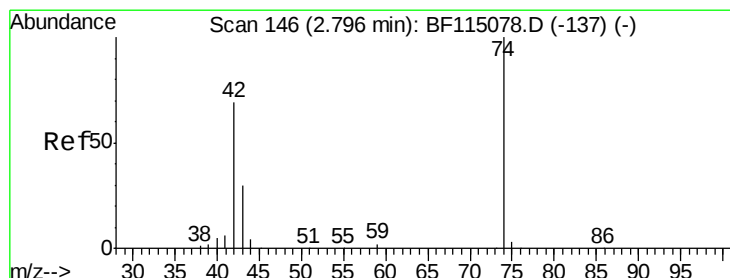
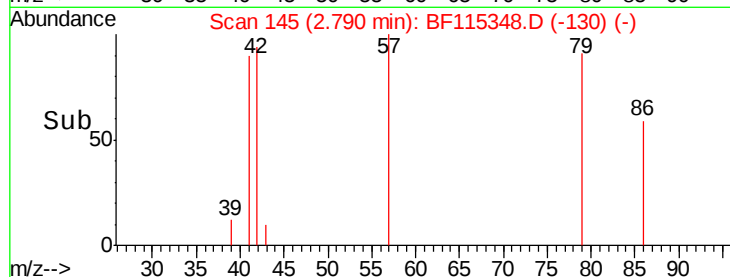
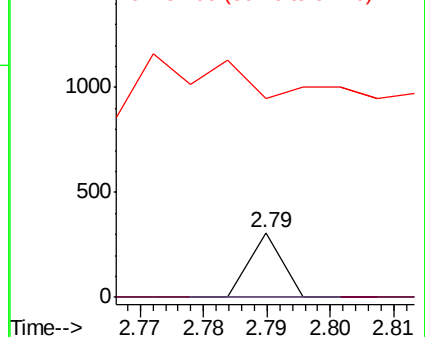
79 100

52 0.0 52.3 78.5#

51 305.5 26.1 39.1#



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



#4

n-Nitrosodimethylamine

Concen: 0.019 ng

RT: 2.76 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

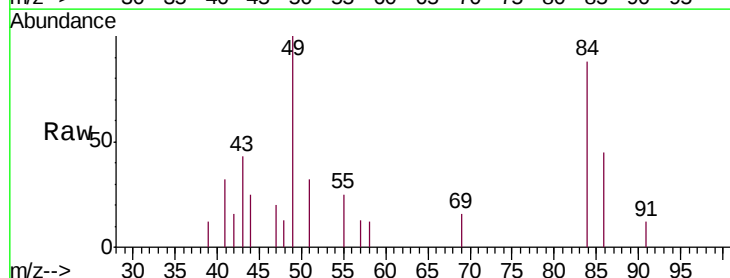
Tgt Ion: 42 Resp: 153

Ion Ratio Lower Upper

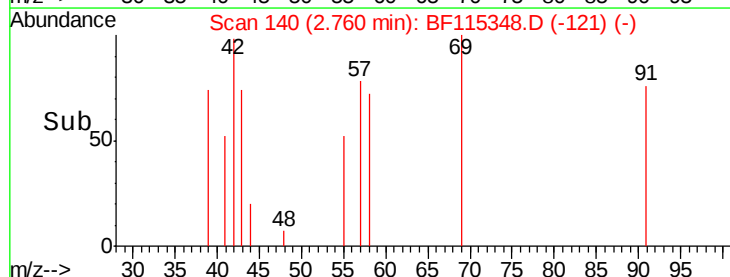
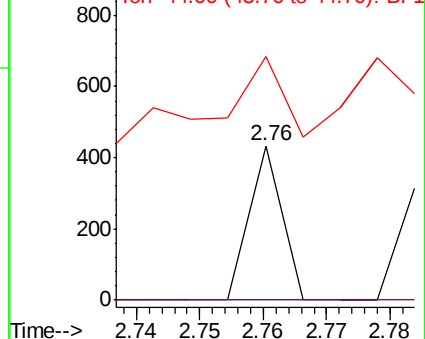
42 100

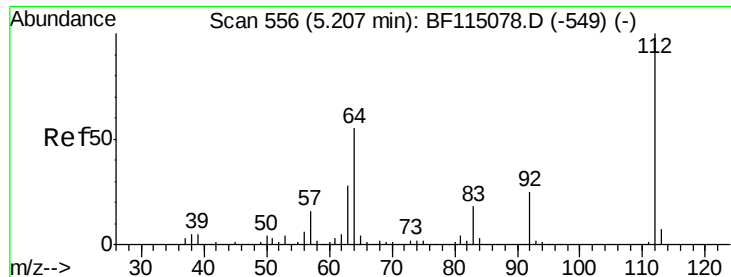
74 0.0 116.6 175.0#

44 158.0 5.3 7.9#



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

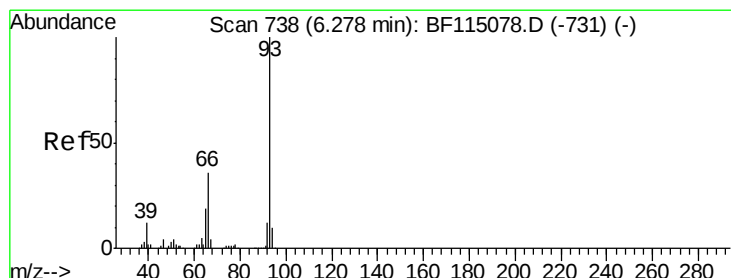
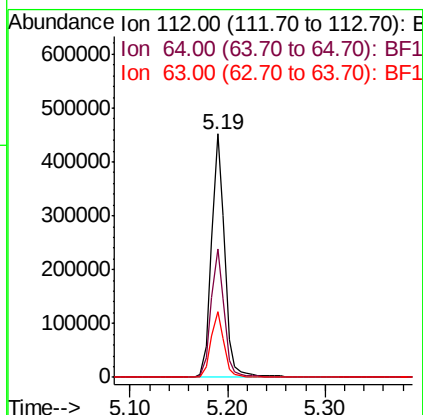
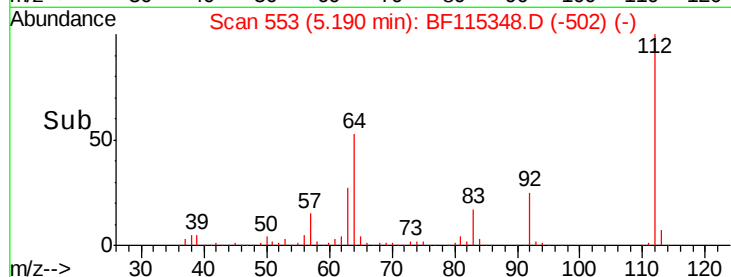
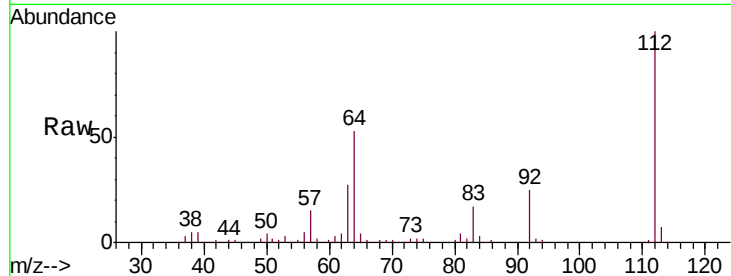




#5
 2-Fluorophenol
 Concen: 27.550 ng
 RT: 5.19 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

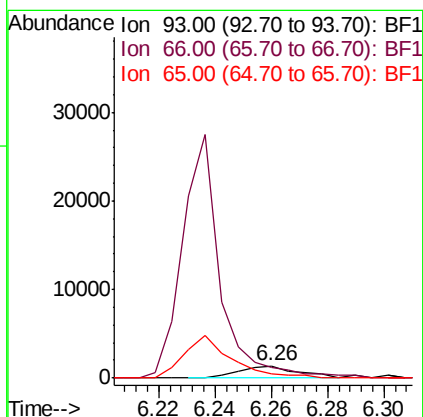
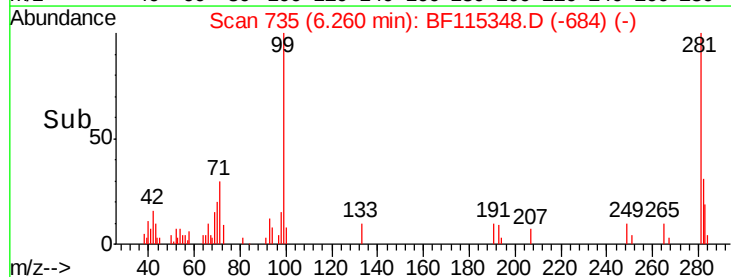
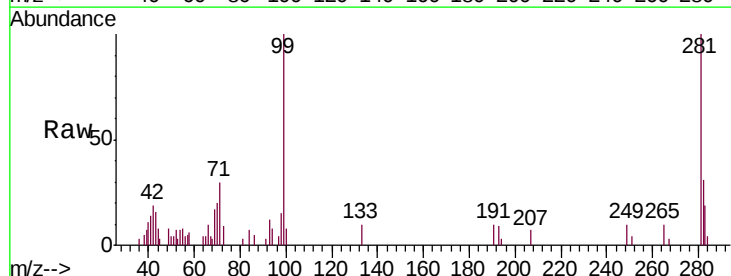
Instrument :
 BNA_F
 ClientSampleID :
 SP-1

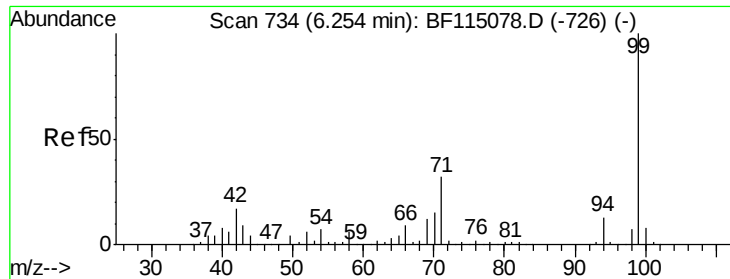
Tgt Ion: 112 Resp: 424860
 Ion Ratio Lower Upper
 112 100
 64 52.9 43.8 65.6
 63 27.0 22.2 33.4



#6
 Aniline
 Concen: 0.075 ng
 RT: 6.26 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion: 93 Resp: 1920
 Ion Ratio Lower Upper
 93 100
 66 87.2 30.0 45.0#
 65 33.1 15.6 23.4#





#7

Phenol-d6

Concen: 29.510 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampled :

SP-1

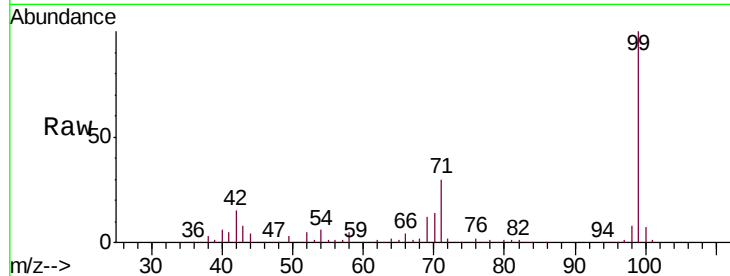
Tgt Ion: 99 Resp: 552364

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

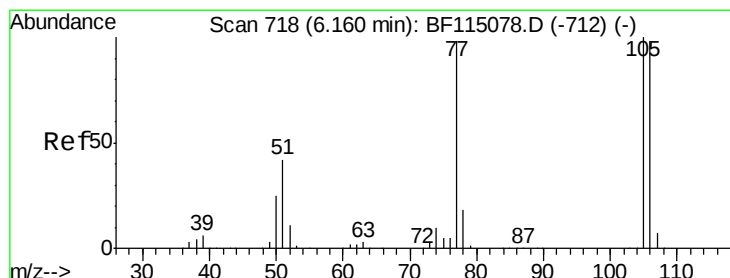
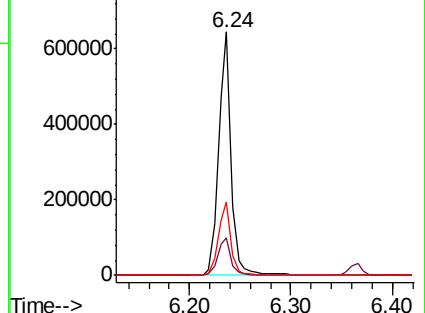
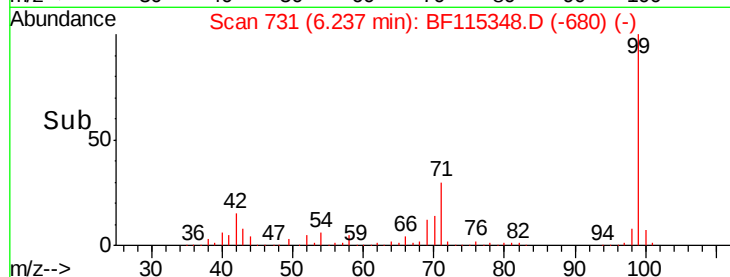
71 30.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.199 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

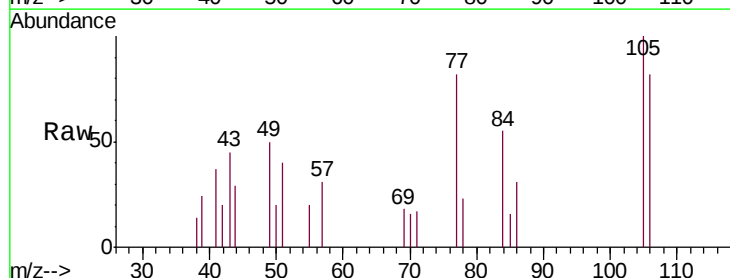
Tgt Ion: 77 Resp: 2435

Ion Ratio Lower Upper

77 100

105 122.0 81.5 121.5#

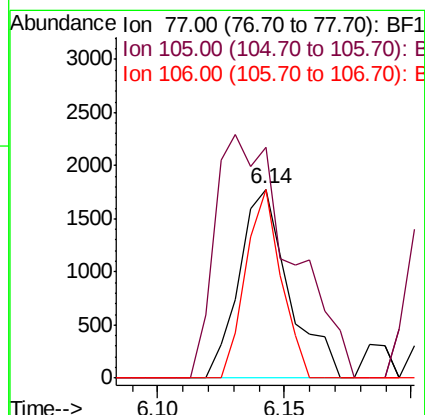
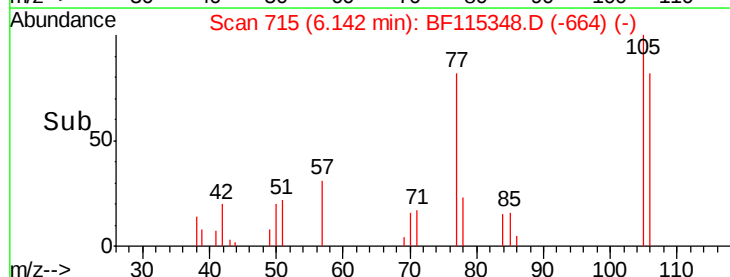
106 100.2 79.7 119.7

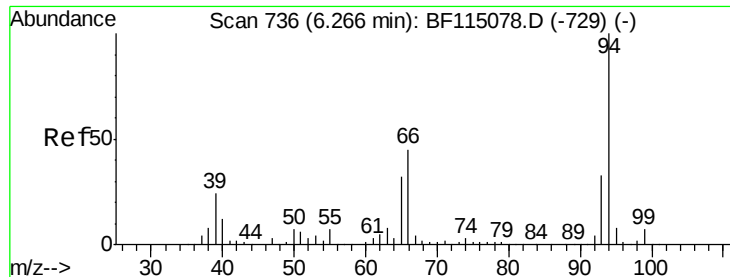


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

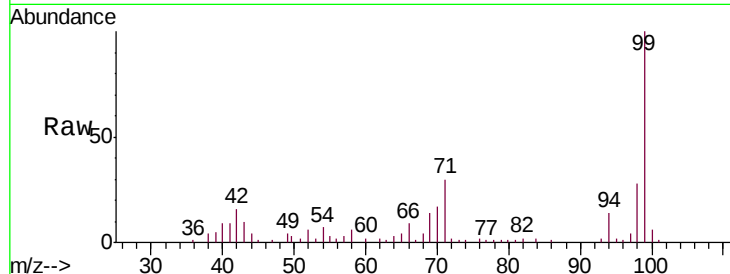




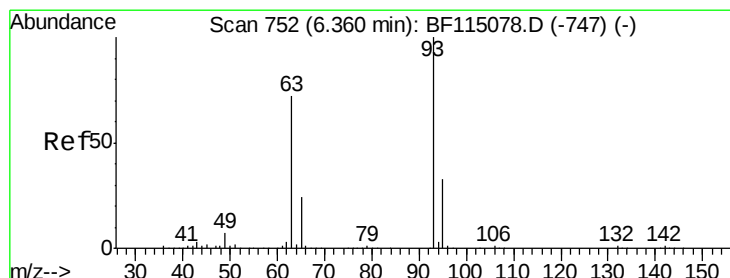
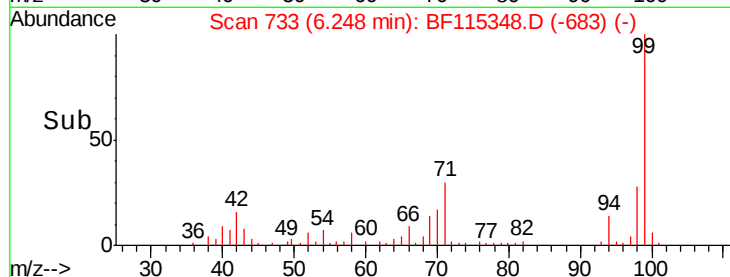
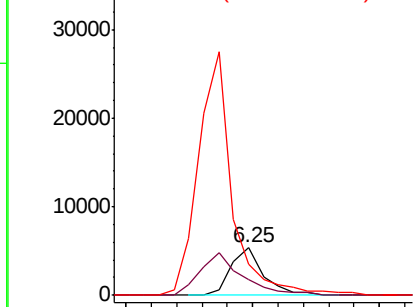
#10
Phenol
Concen: 0.217 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 94 Resp: 4757
Ion Ratio Lower Upper
94 100
65 32.3 11.9 51.9
66 64.0 25.2 65.2

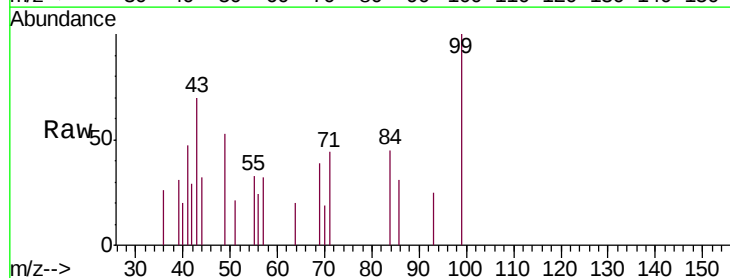


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

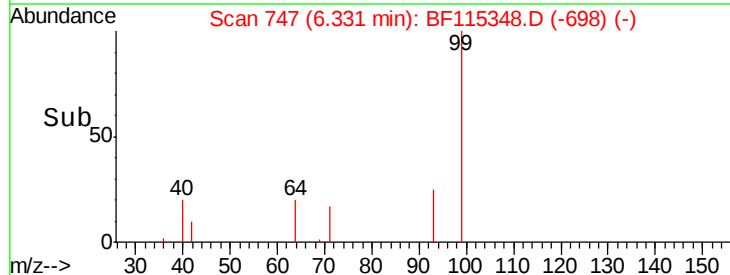
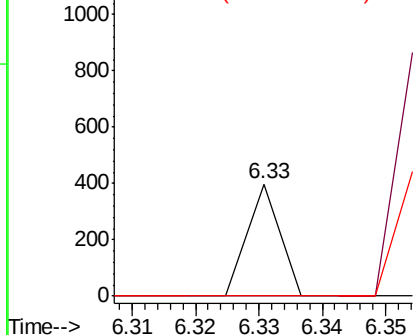


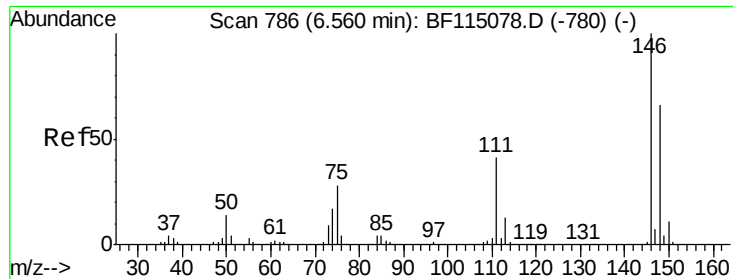
#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 6.33 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF115348.D
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Tgt Ion: 93 Resp: 141
Ion Ratio Lower Upper
93 100
63 0.0 51.5 91.5#
95 0.0 13.4 53.4#



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

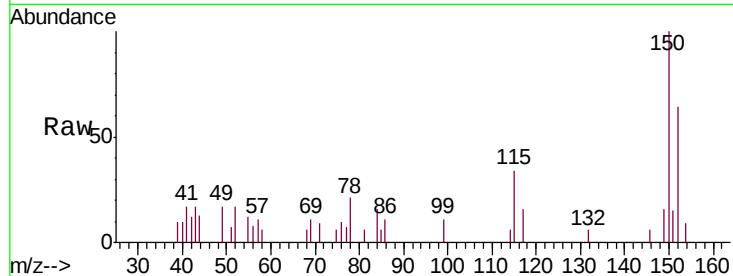




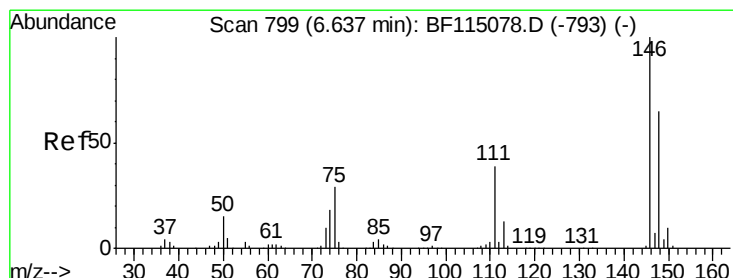
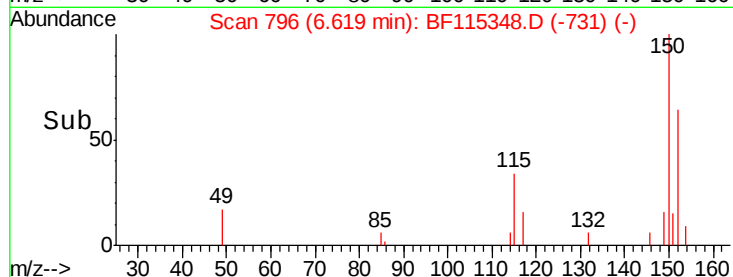
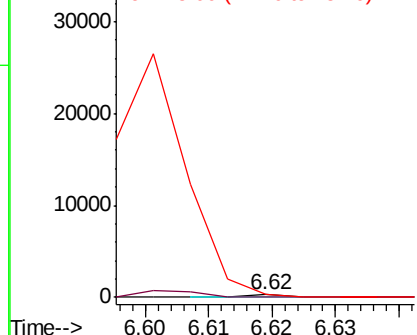
#12
 1,3-Dichlorobenzene
 Concen: 0.006 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.08 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:146 Resp: 108
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.6 78.8#
 75 104.6 22.6 34.0#

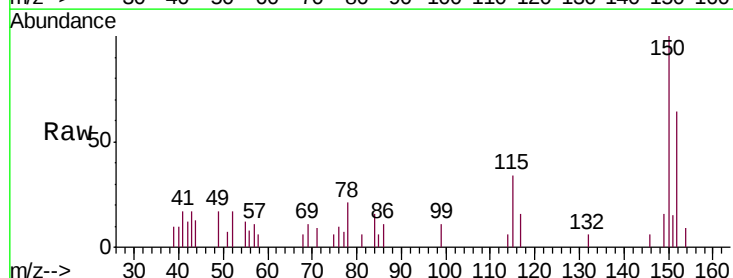


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

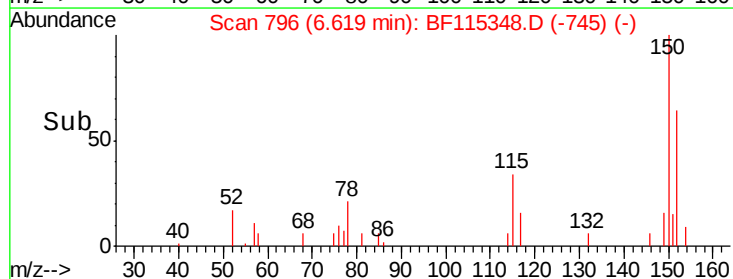
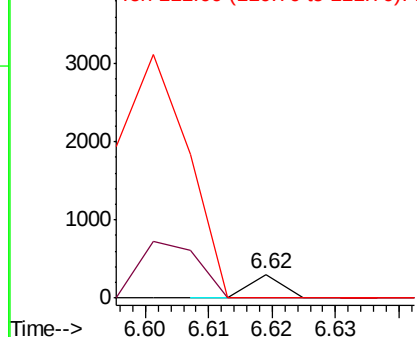


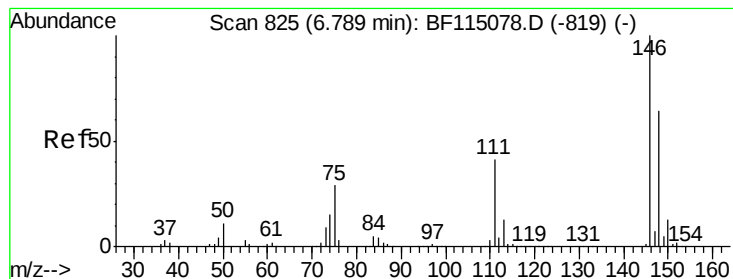
#13
 1,4-Dichlorobenzene
 Concen: 0.006 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:146 Resp: 108
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.9 77.9#
 111 0.0 31.4 47.0#



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





#14

1,2-Dichlorobenzene

Concen: 0.006 ng

RT: 6.62 min Scan# 796

Delta R.T. -0.15 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

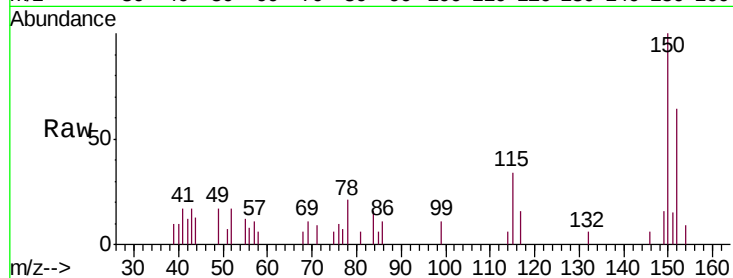
Tgt Ion:146 Resp: 108

Ion Ratio Lower Upper

146 100

148 0.0 51.1 76.7#

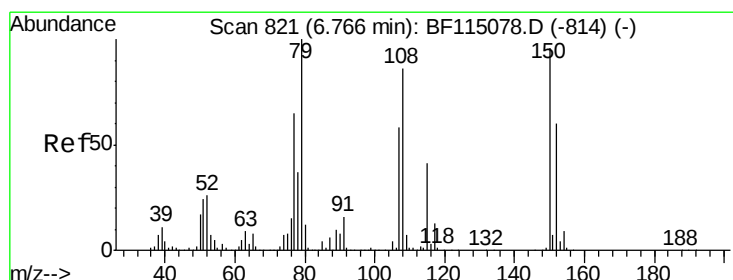
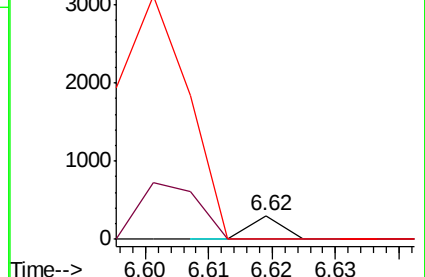
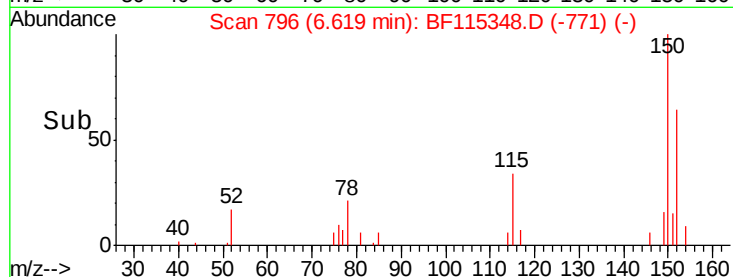
111 0.0 33.2 49.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.470 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

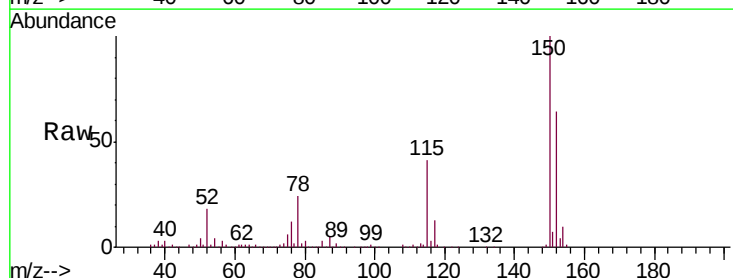
Tgt Ion: 79 Resp: 6404

Ion Ratio Lower Upper

79 100

108 32.5 68.7 103.1#

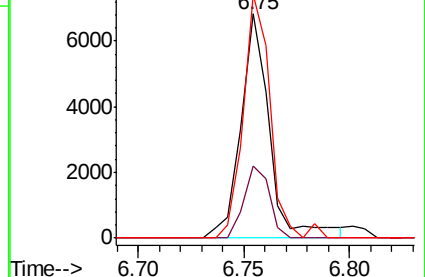
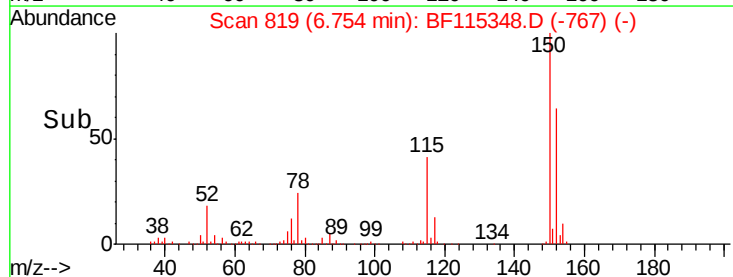
77 108.7 51.7 77.5#

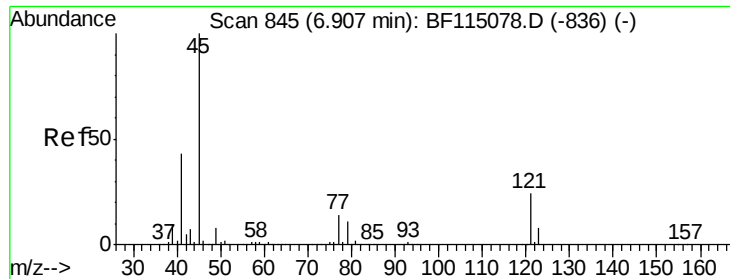


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

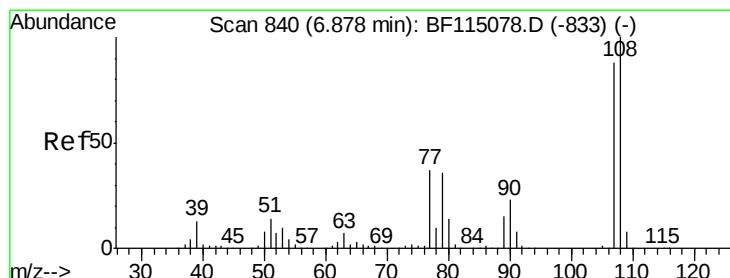
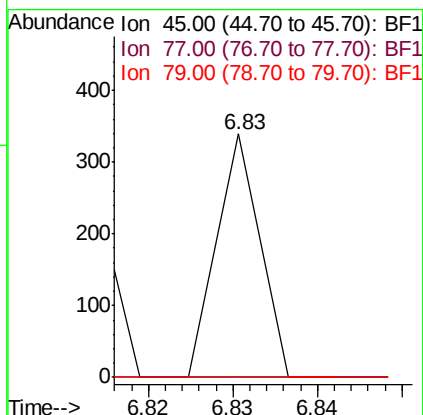
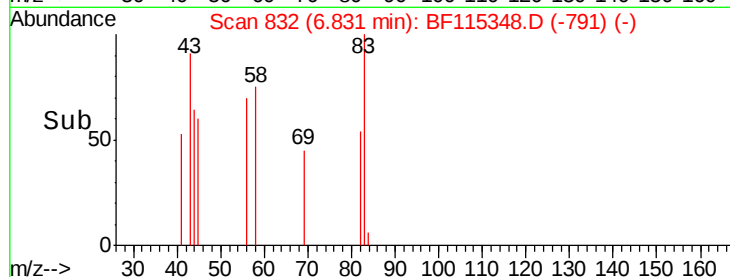
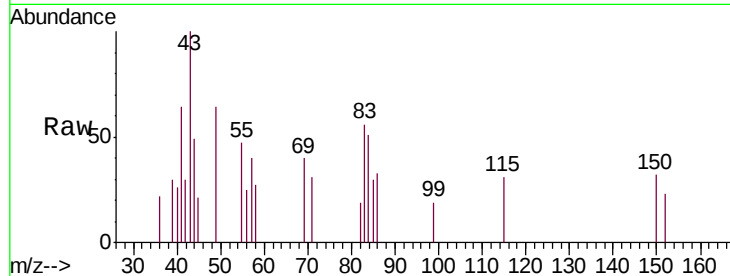




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 6.83 min Scan# 832
Delta R.T. -0.06 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

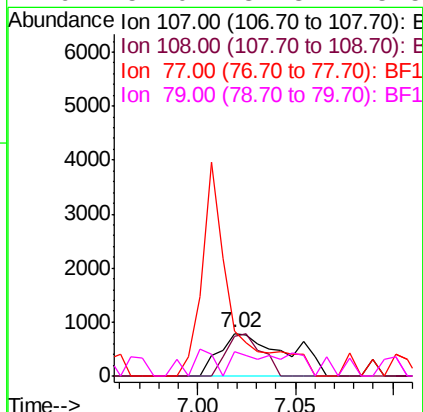
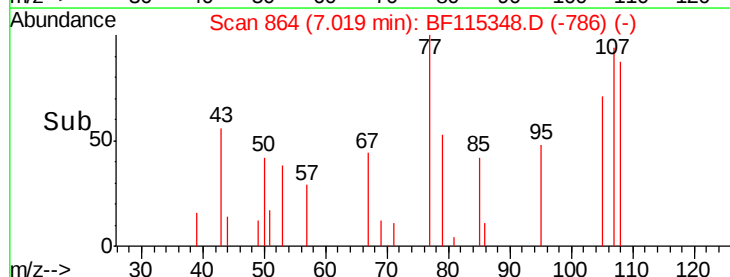
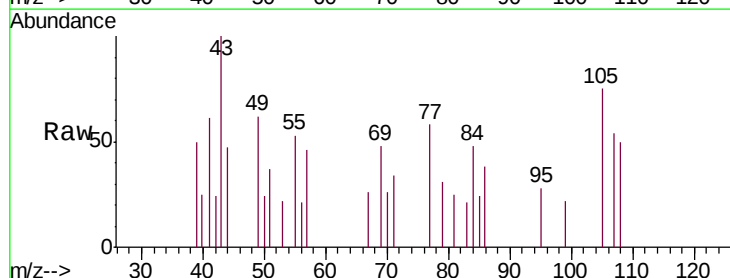
Instrument :
BNA_F
ClientSampled :
SP-1

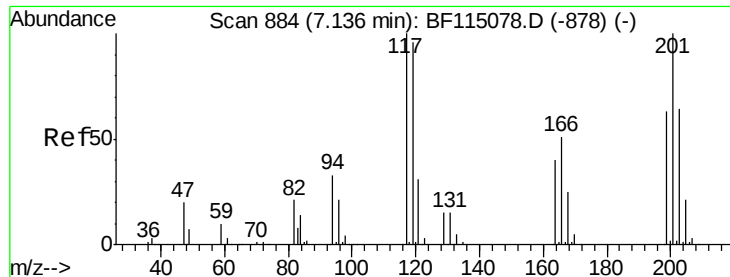
Tgt Ion: 45 Resp: 120
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.6
79 0.0 0.0 31.2



#17
2-Methylphenol
Concen: 0.131 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.16 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion: 107 Resp: 1875
Ion Ratio Lower Upper
107 100
108 92.7 90.9 136.3
77 106.9 33.4 50.2#
79 57.0 32.3 48.5#

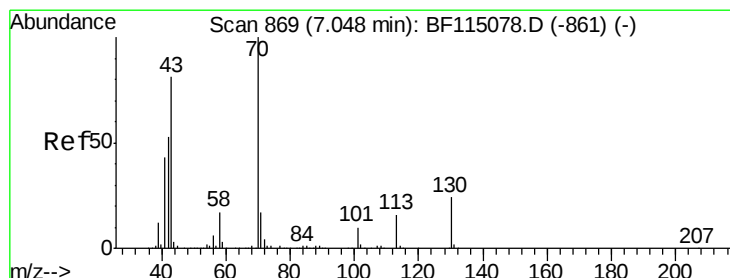
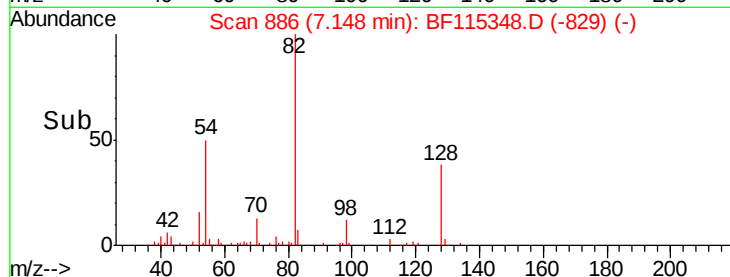
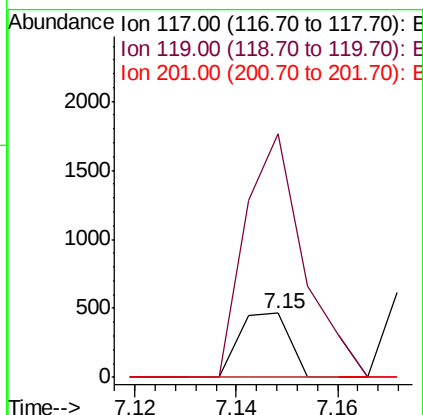
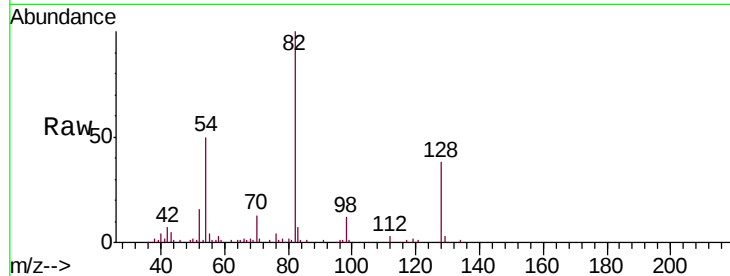




#18
Hexachloroethane
Concen: 0.046 ng
RT: 7.15 min Scan# 886
Delta R.T. 0.04 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

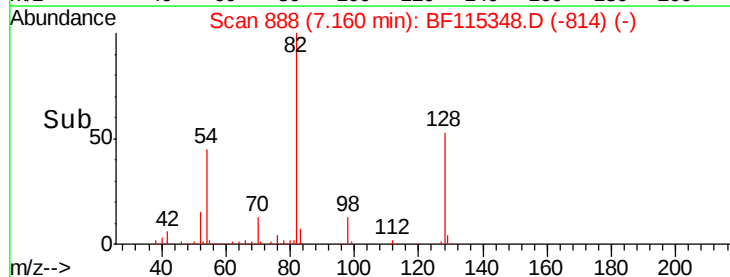
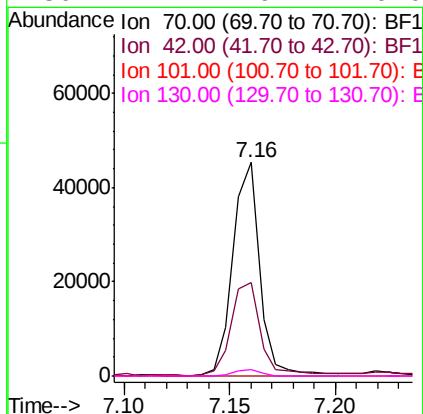
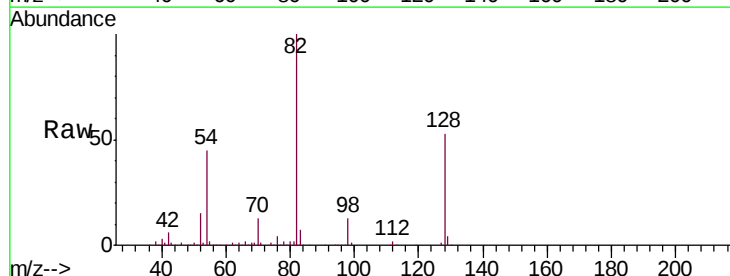
Instrument :
BNA_F
ClientSampleId :
SP-1

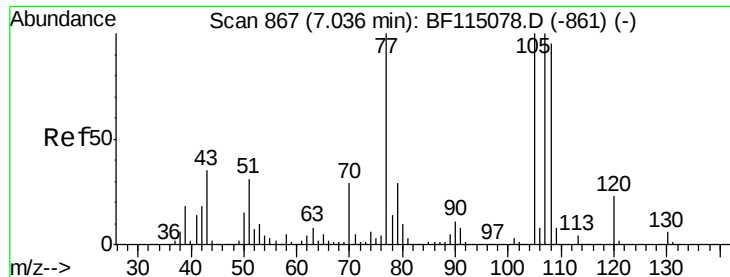
Tgt Ion: 117 Resp: 322
Ion Ratio Lower Upper
117 100
119 381.0 76.6 114.8#
201 0.0 80.2 120.2#



#19
n-Nitroso-di-n-propylamine
Concen: 3.362 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion: 70 Resp: 40288
Ion Ratio Lower Upper
70 100
42 44.0 42.6 63.8
101 0.0 8.0 12.0#
130 2.7 19.4 29.0#

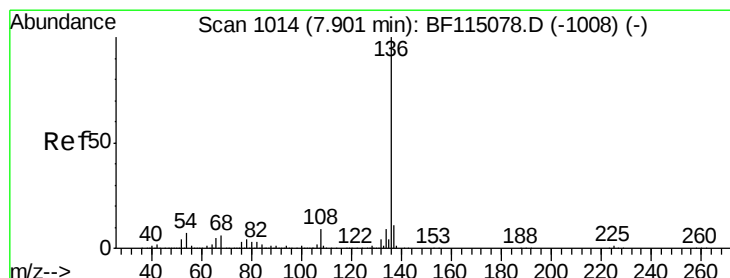
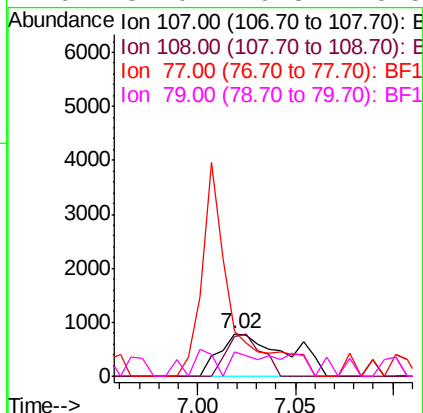
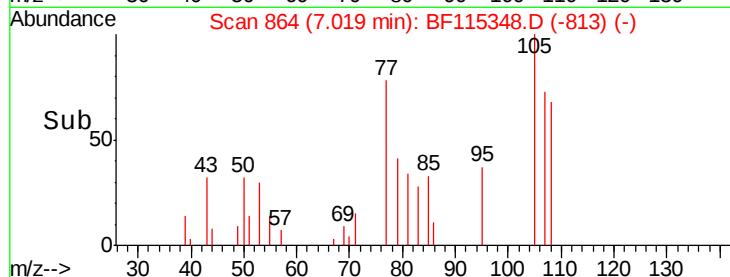
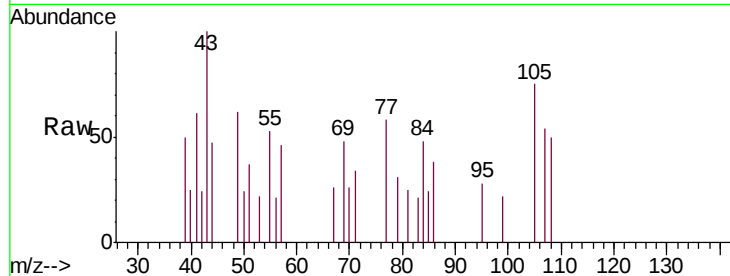




#20
3+4-Methylphenols
Concen: 0.113 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

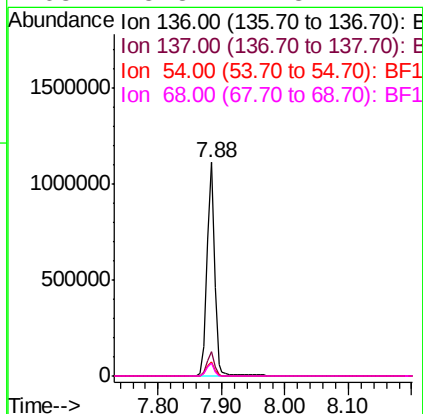
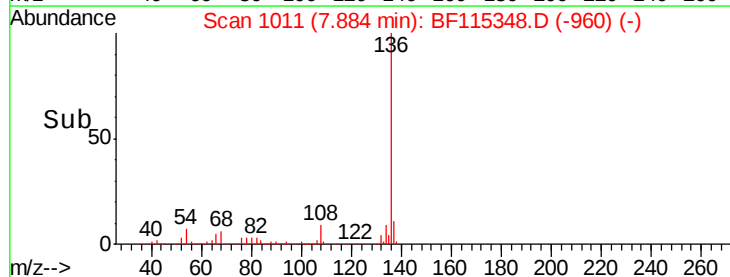
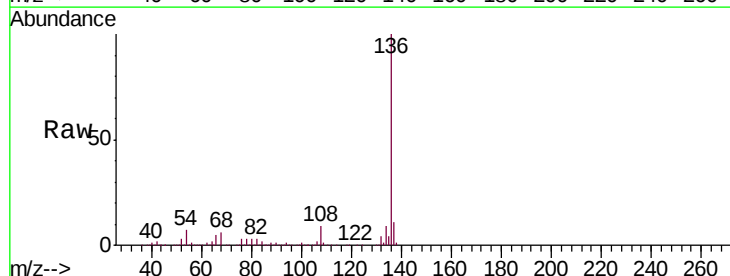
Instrument :
BNA_F
ClientSampleId :
SP-1

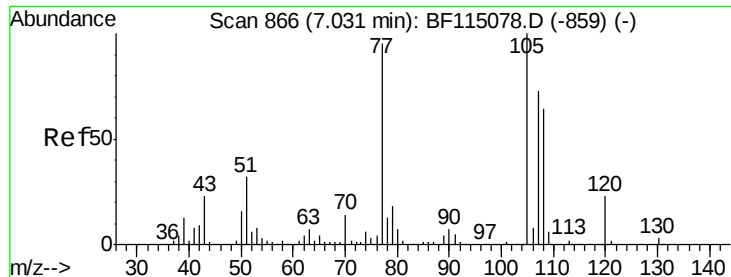
Tgt Ion:107 Resp: 1875
Ion Ratio Lower Upper
107 100
108 92.7 75.5 115.5
77 106.9 80.2 120.2
79 57.0 9.5 49.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:136 Resp: 931524
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.8 5.6 8.4
68 5.8 4.8 7.2





#22

Acetophenone

Concen: 0.227 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion:105 Resp: 4836

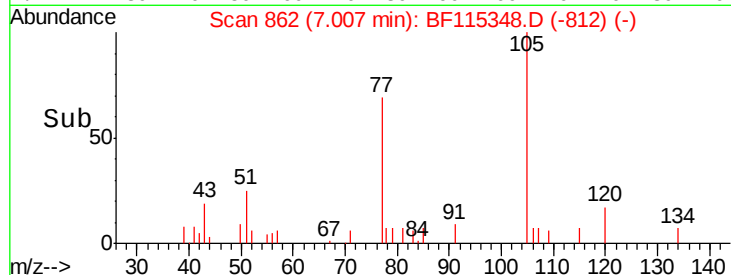
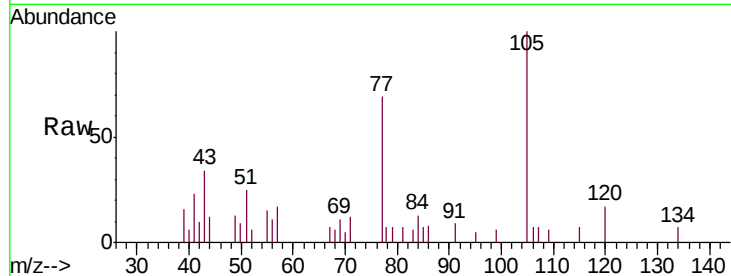
Ion Ratio Lower Upper

105 100

71 12.0 1.9 2.9#

51 25.0 25.8 38.8#

120 17.3 18.5 27.7#

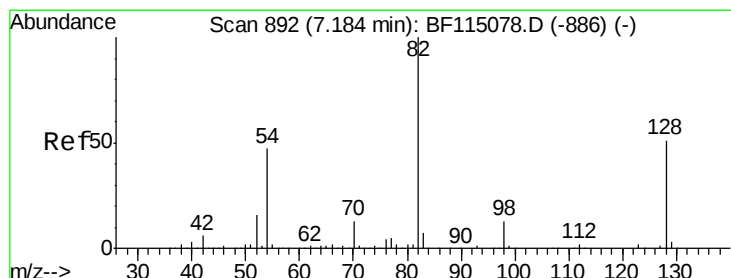
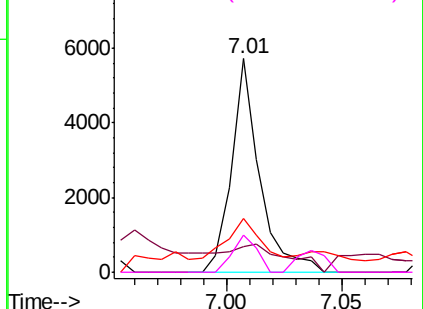


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 20.388 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

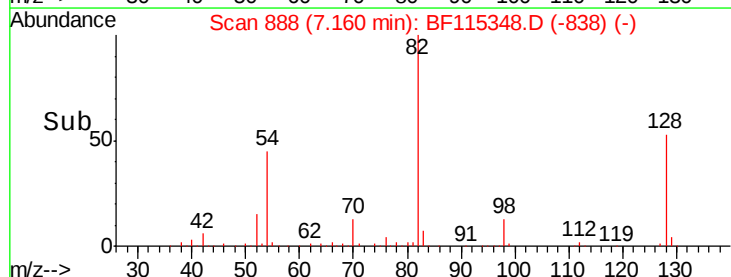
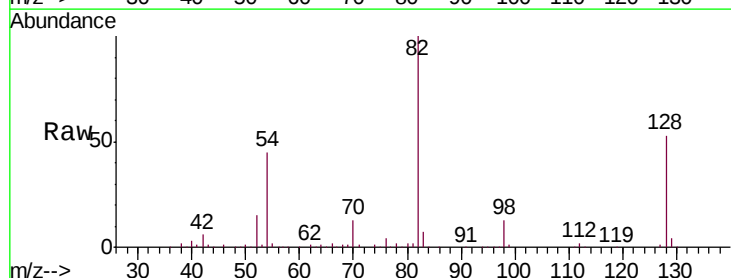
Tgt Ion: 82 Resp: 308734

Ion Ratio Lower Upper

82 100

128 52.7 40.4 60.6

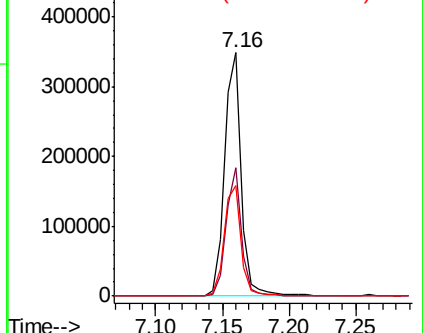
54 45.5 37.5 56.3

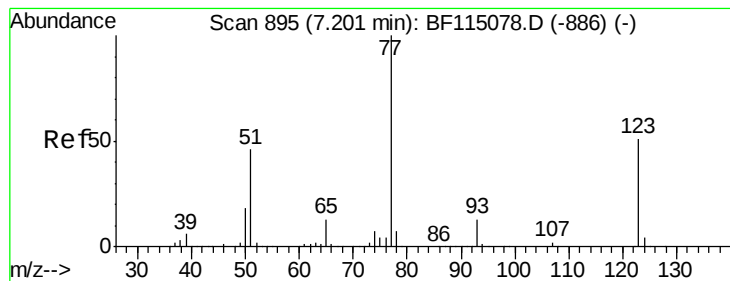


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.099 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampled :

SP-1

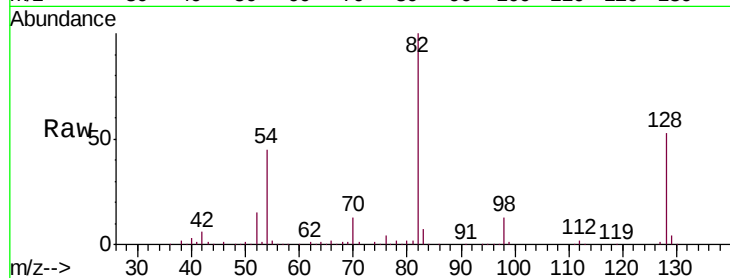
Tgt Ion: 77 Resp: 1659

Ion Ratio Lower Upper

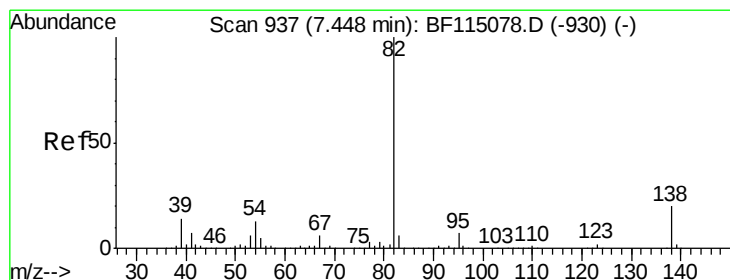
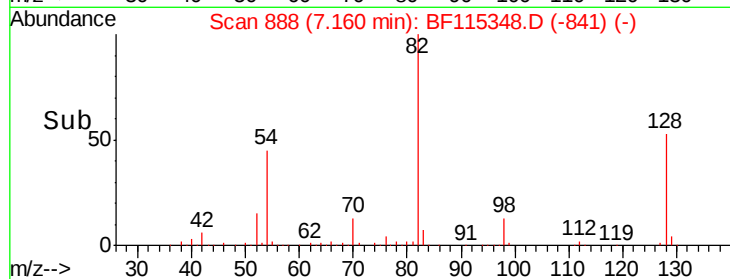
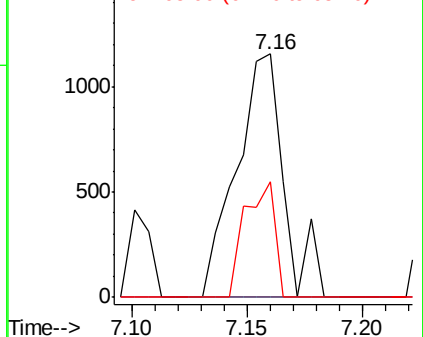
77 100

123 0.0 41.0 61.6#

65 47.5 10.5 15.7#



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: 9.821 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

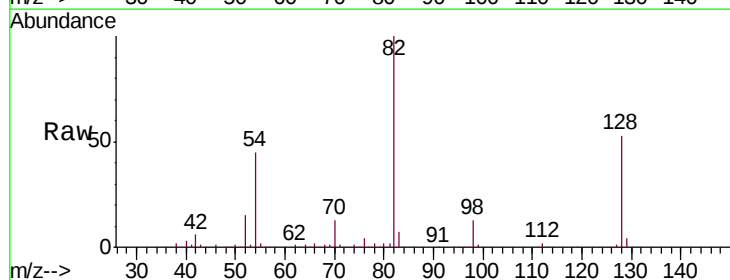
Tgt Ion: 82 Resp: 304671

Ion Ratio Lower Upper

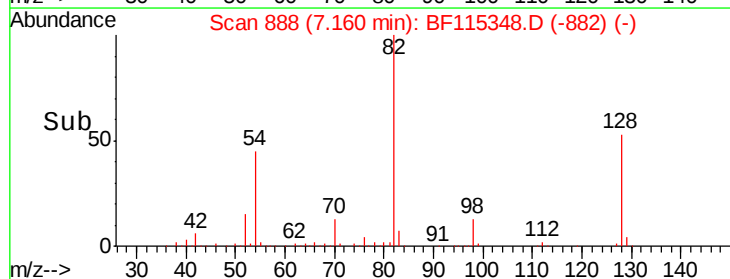
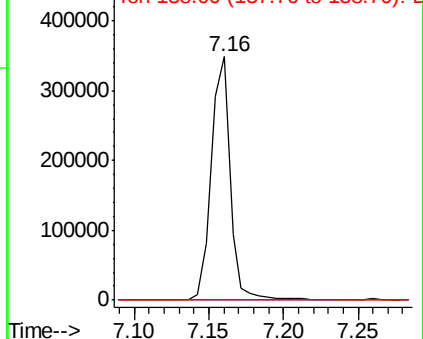
82 100

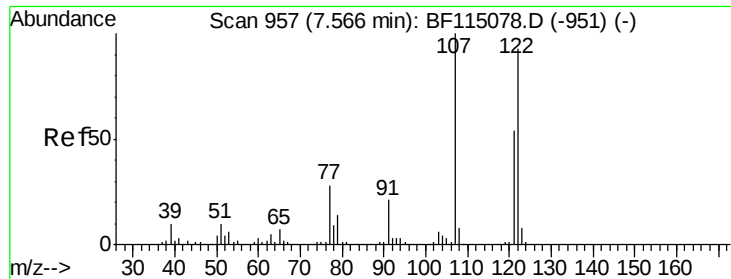
95 0.1 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

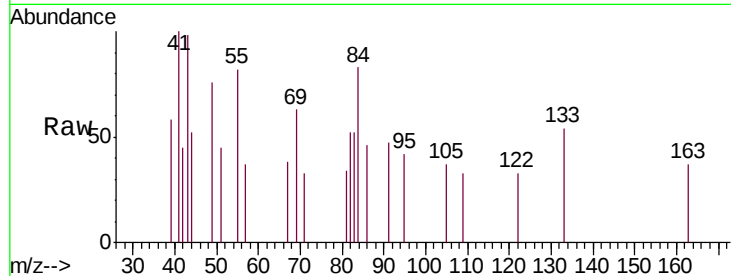




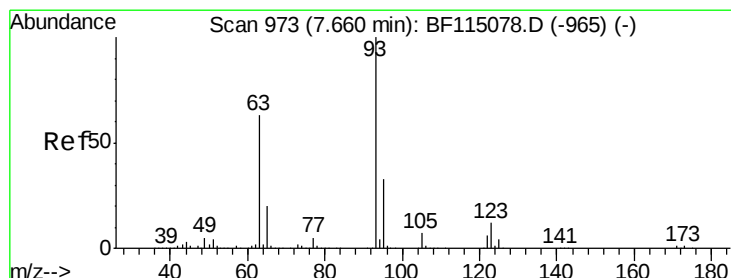
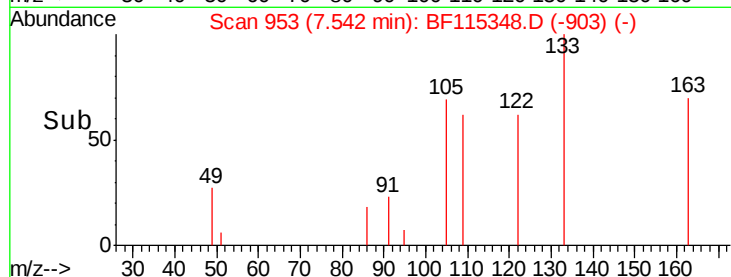
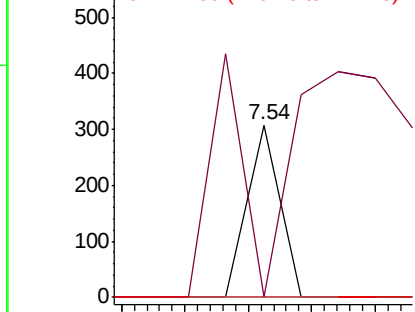
#27
2,4-Dimethylphenol
Concen: 0.008 ng
RT: 7.54 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
107 0.0 85.8 128.6#
121 0.0 46.3 69.5#

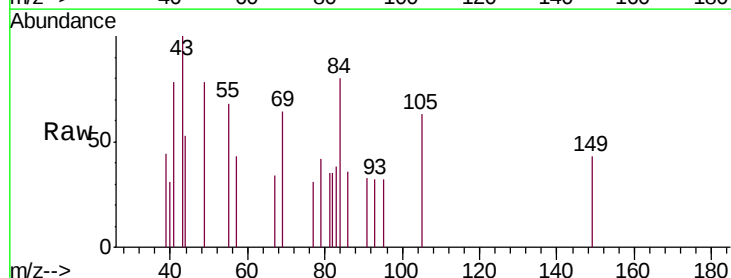


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

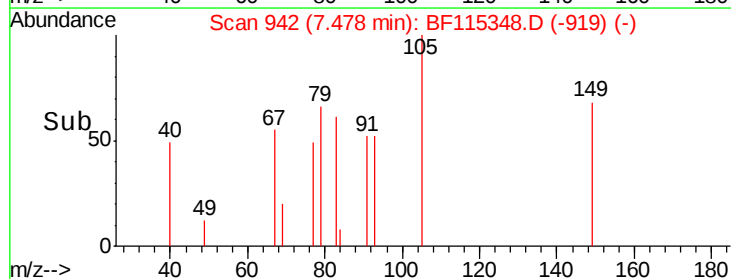
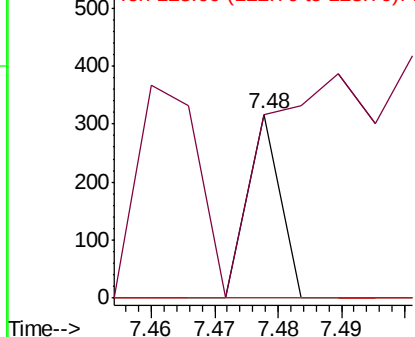


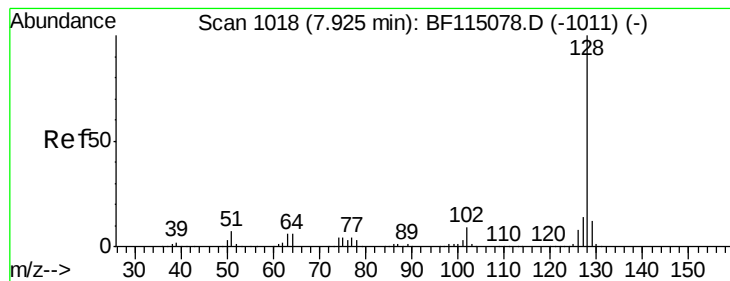
#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.48 min Scan# 942
Delta R.T. -0.16 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion: 93 Resp: 112
Ion Ratio Lower Upper
93 100
95 100.0 26.2 39.4#
123 0.0 9.7 14.5#



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





#31

Naphthalene

Concen: 0.748 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

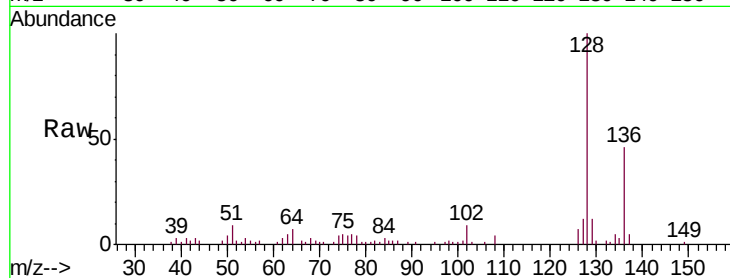
Tgt Ion:128 Resp: 34204

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

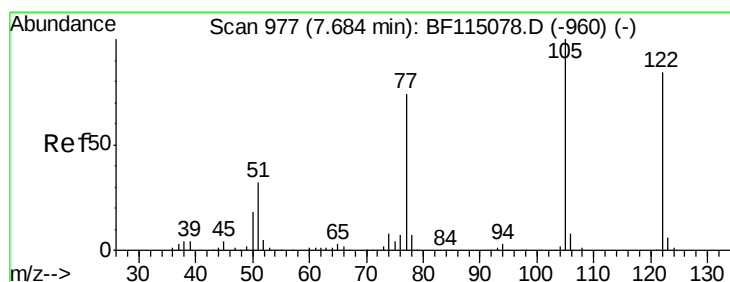
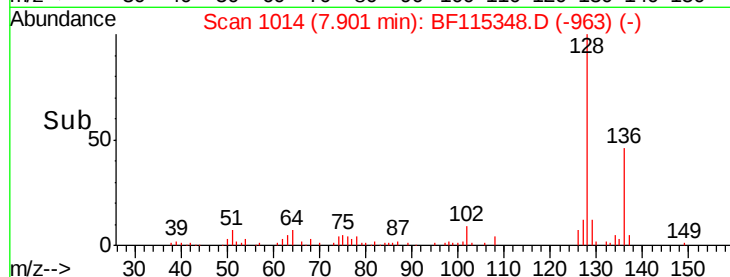
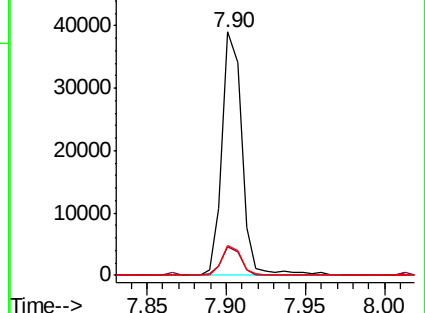
127 12.4 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.207 ng

RT: 7.60 min Scan# 963

Delta R.T. -0.06 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

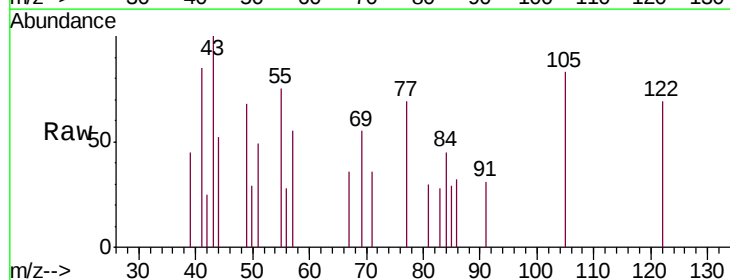
Tgt Ion:122 Resp: 1997

Ion Ratio Lower Upper

122 100

105 120.2 98.2 138.2

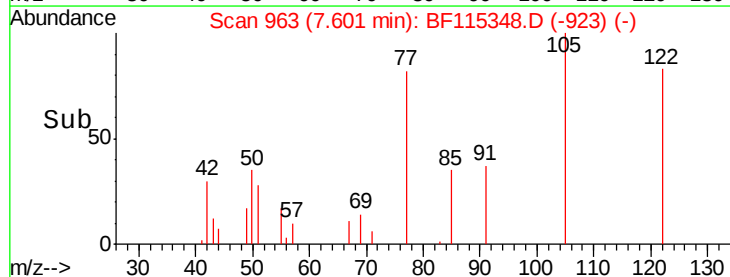
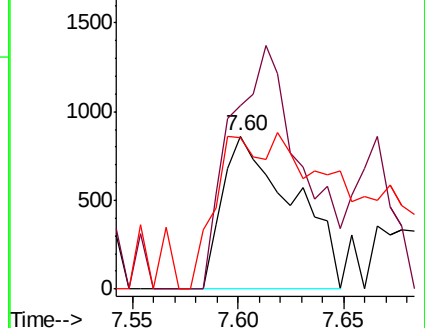
77 98.6 67.0 107.0

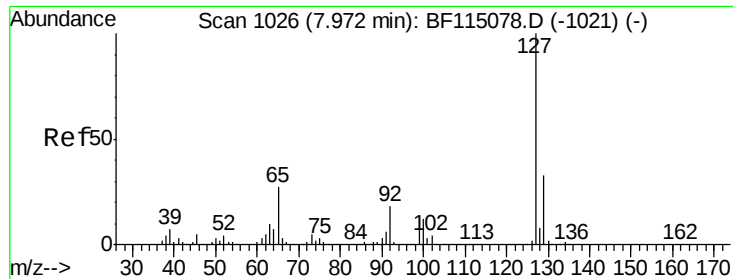


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

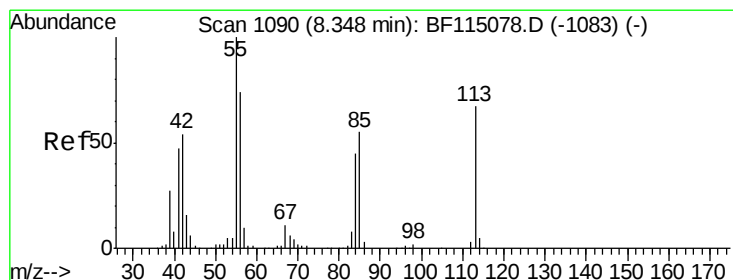
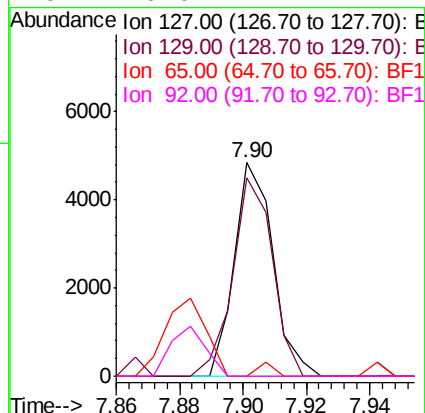
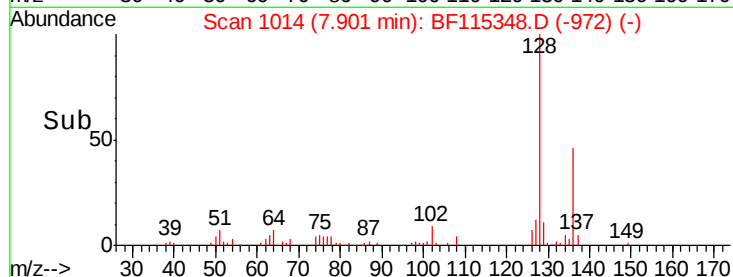
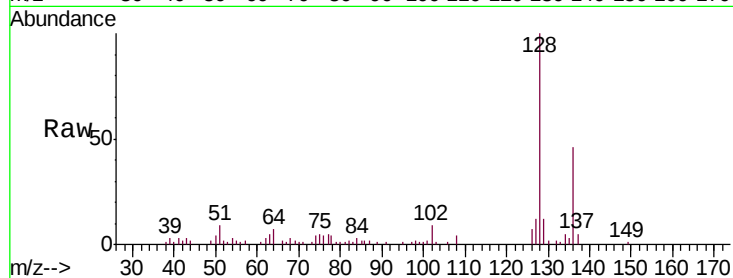




#33
4-Chloroaniline
Concen: 0.195 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

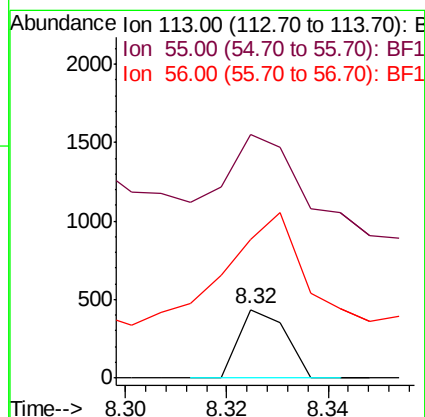
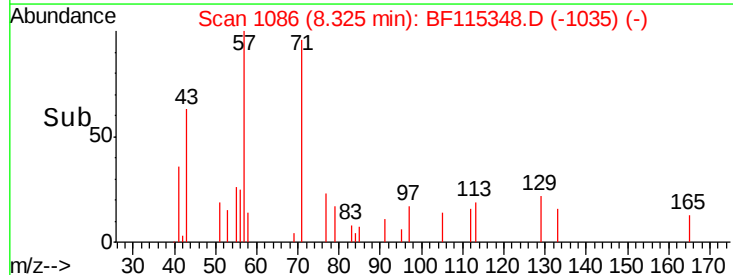
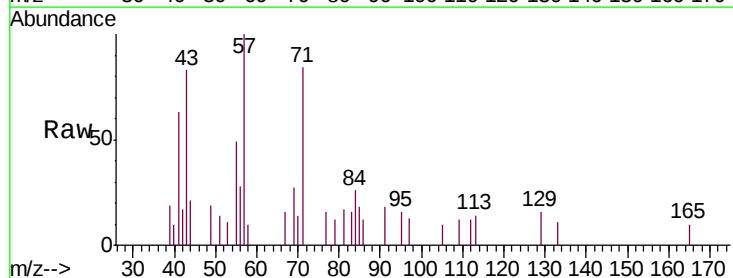
Instrument :
BNA_F
ClientSampleId :
SP-1

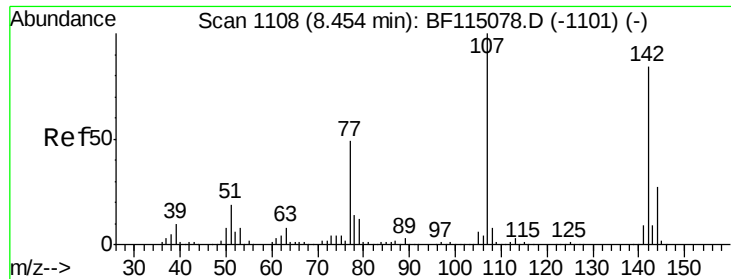
Tgt Ion:127 Resp: 4075
Ion Ratio Lower Upper
127 100
129 93.1 26.1 39.1#
65 0.0 21.4 32.2#
92 0.0 14.1 21.1#



#35
Caprolactam
Concen: 0.060 ng
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:113 Resp: 280
Ion Ratio Lower Upper
113 100
55 355.7 130.2 170.2#
56 203.2 91.6 131.6#

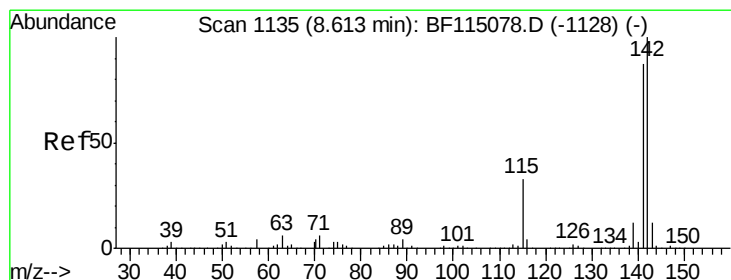
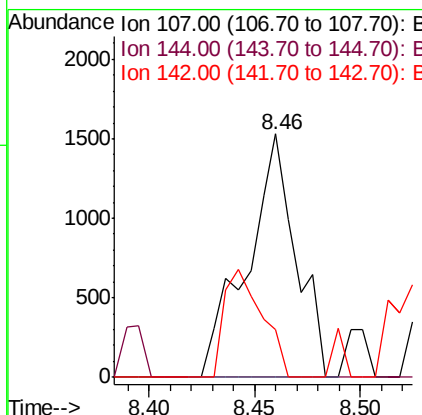
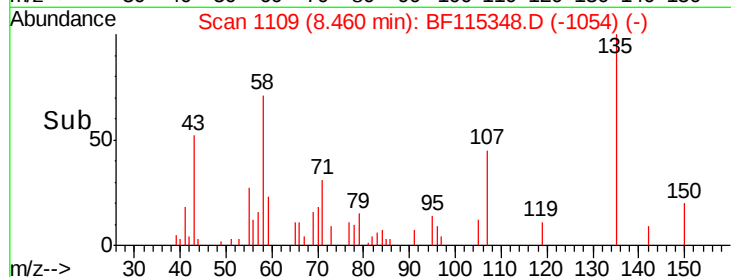
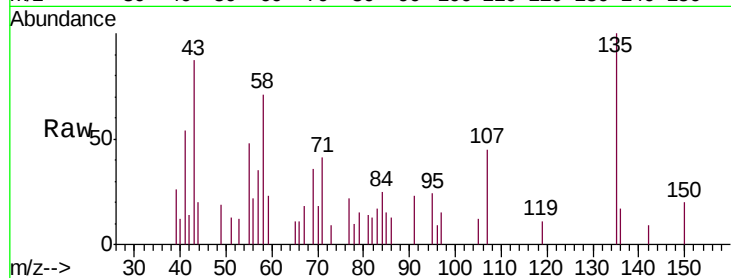




#36
 4-Chloro-3-methylphenol
 Concen: 0.175 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

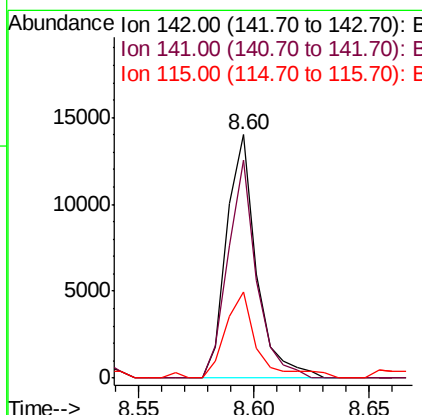
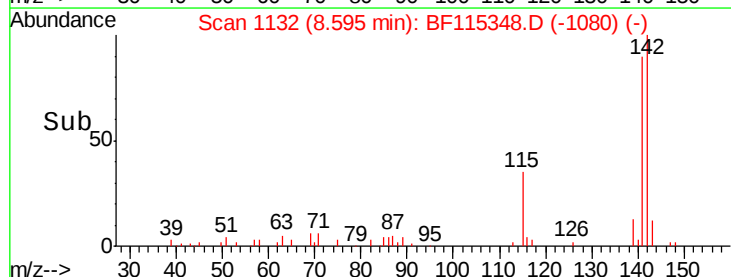
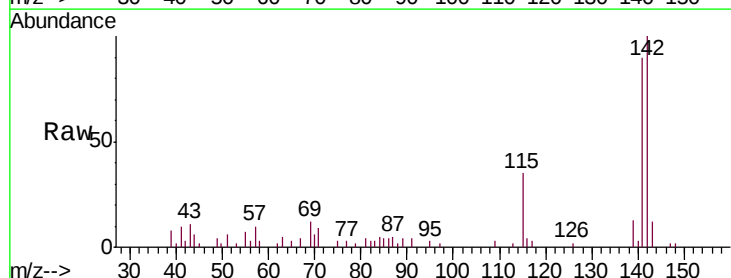
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

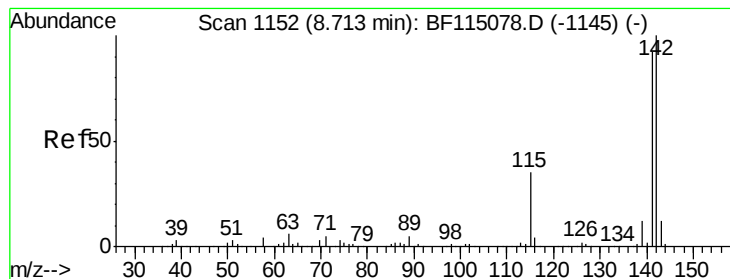
Tgt Ion:107 Resp: 2469
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 19.7 67.0 100.4#



#37
 2-Methylnaphthalene
 Concen: 0.407 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:142 Resp: 12537
 Ion Ratio Lower Upper
 142 100
 141 89.7 69.8 104.6
 115 35.3 26.7 40.1





#38

1-Methylnaphthalene

Concen: 0.426 ng

RT: 8.60 min Scan# 1132

Delta R.T. -0.09 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

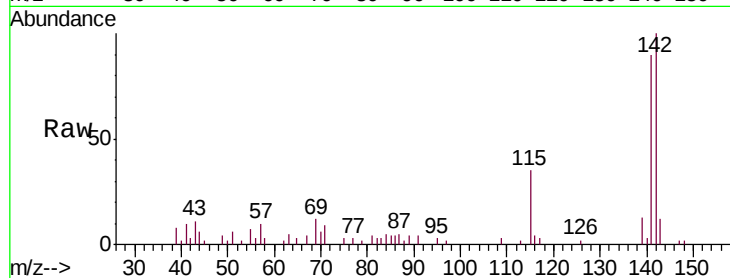
Tgt Ion:142 Resp: 12537

Ion Ratio Lower Upper

142 100

141 89.7 73.8 110.8

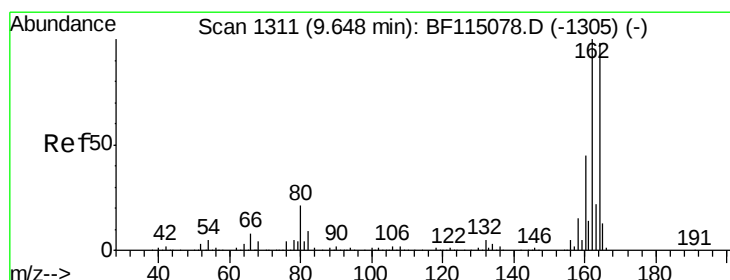
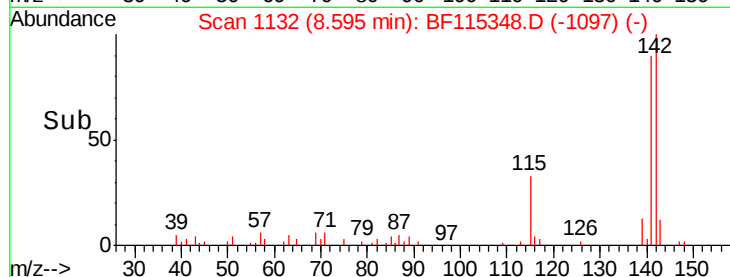
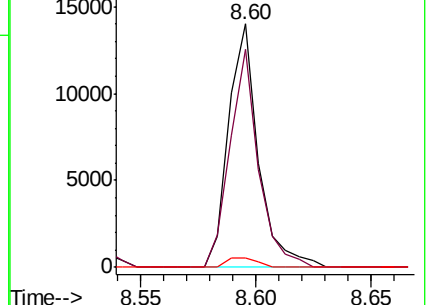
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

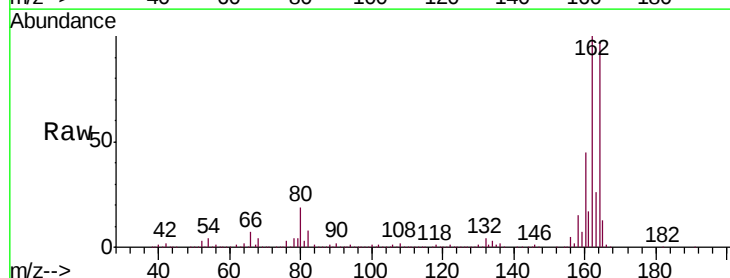
Tgt Ion:164 Resp: 447879

Ion Ratio Lower Upper

164 100

162 103.1 81.7 122.5

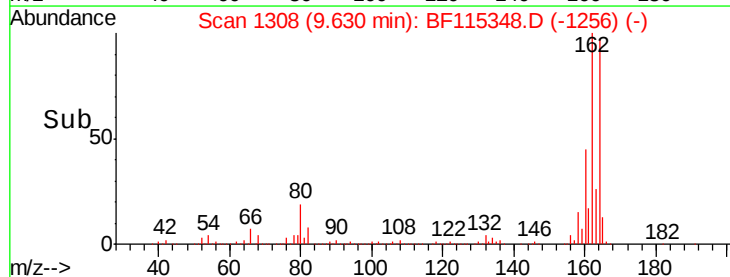
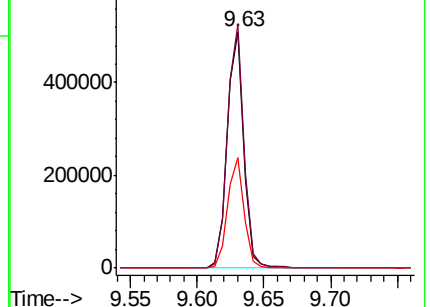
160 46.8 37.0 55.4

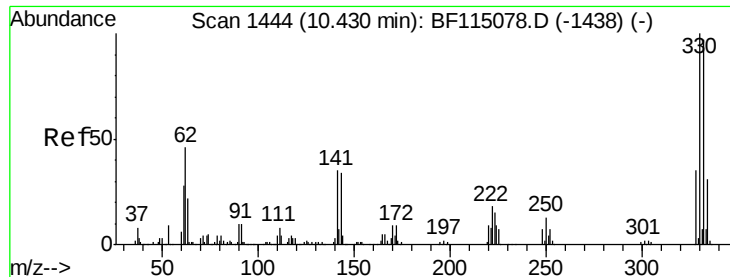


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

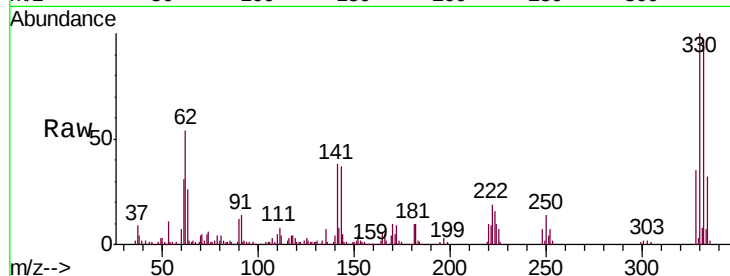




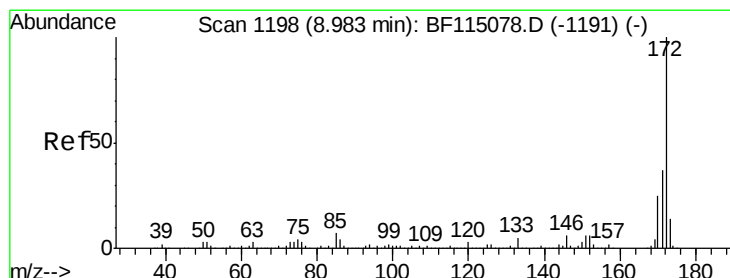
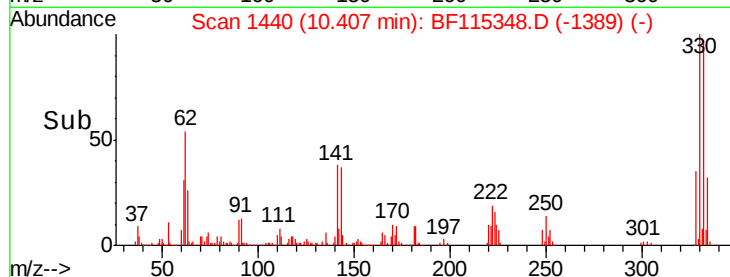
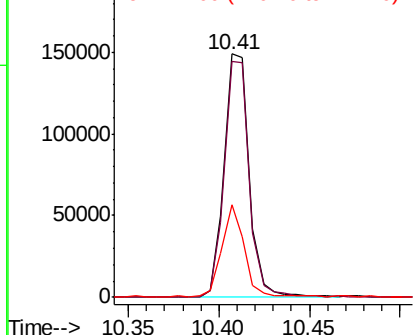
#42
 2,4,6-Tribromophenol
 Concen: 30.659 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:330 Resp: 144805
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 33.3 28.2 42.2

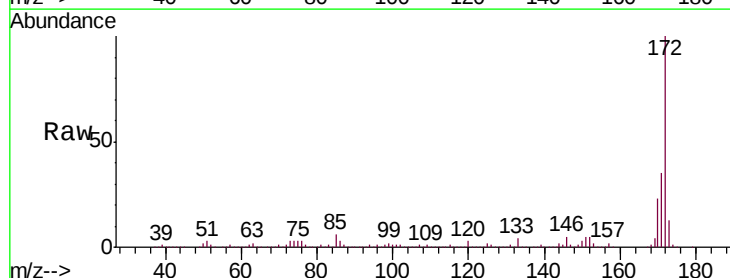


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

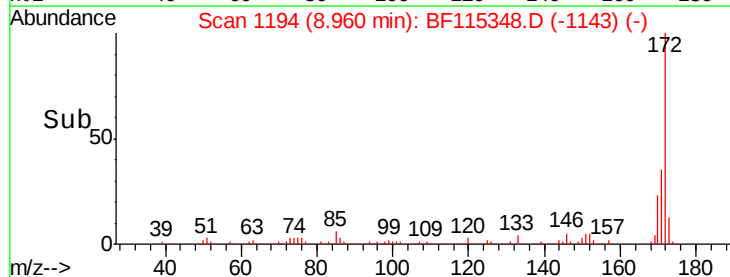
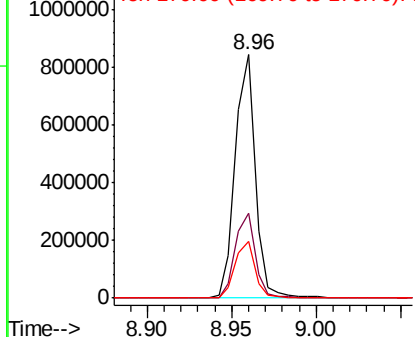


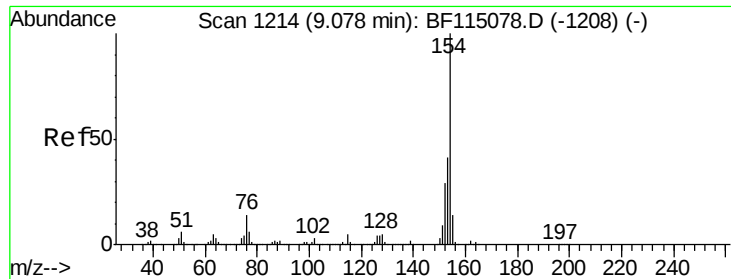
#45
 2-Fluorobiphenyl
 Concen: 26.567 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:172 Resp: 700488
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.8 44.6
 170 23.3 20.3 30.5



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

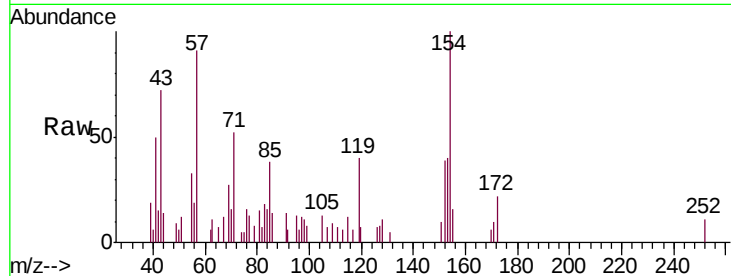




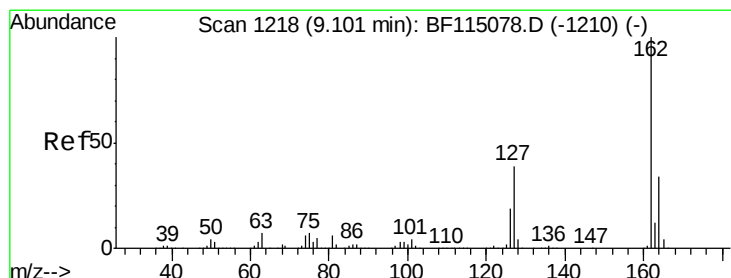
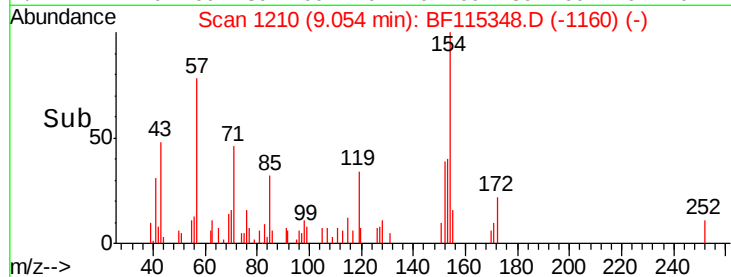
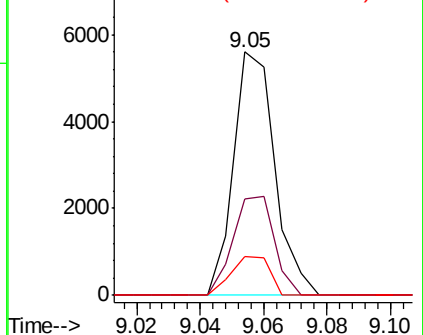
#46
 1,1'-Biphenyl
 Concen: 0.140 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:154 Resp: 5031
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.9 60.9
 76 15.9 0.0 34.1

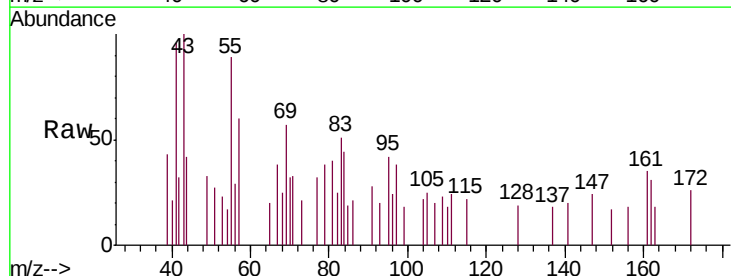


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

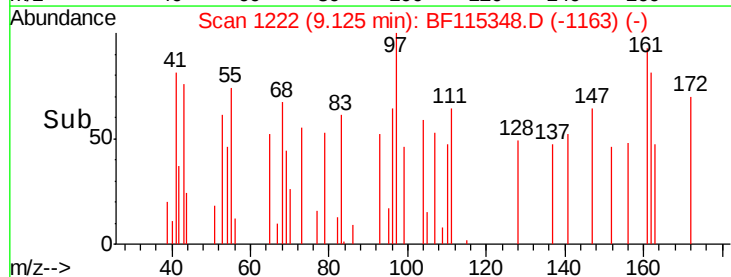
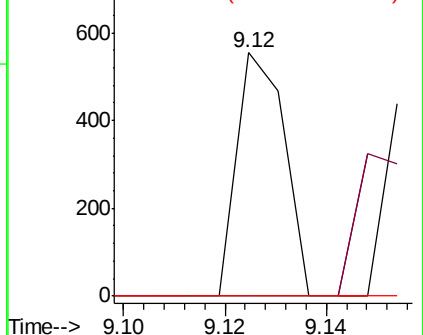


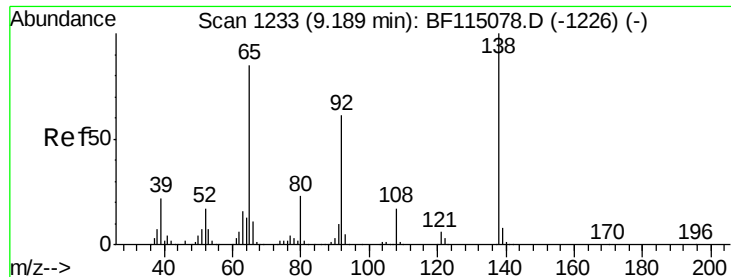
#47
 2-Chloronaphthalene
 Concen: 0.012 ng
 RT: 9.12 min Scan# 1222
 Delta R.T. 0.05 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:162 Resp: 361
 Ion Ratio Lower Upper
 162 100
 127 0.0 30.8 46.2#
 164 0.0 27.0 40.4#



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

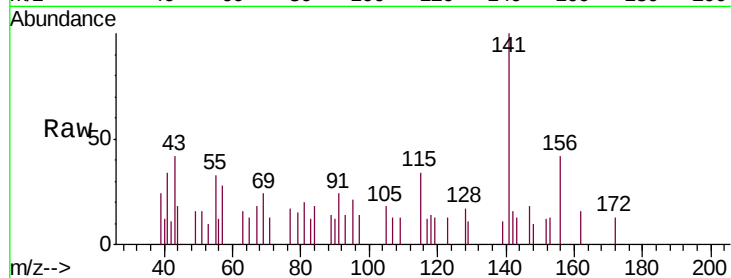




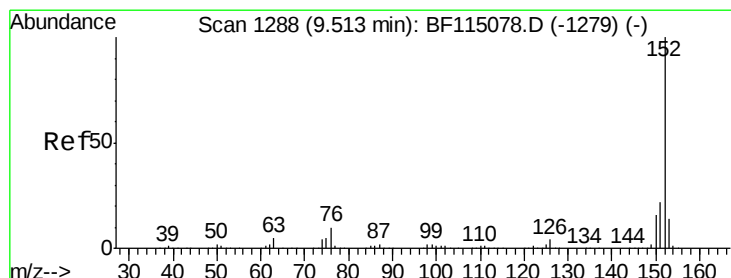
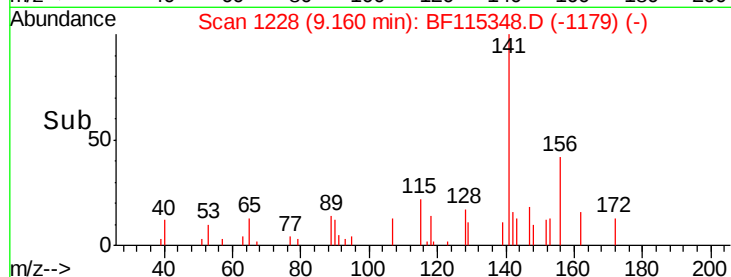
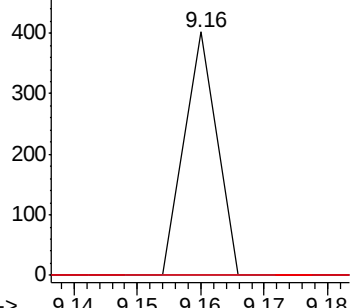
#48
2-Nitroaniline
Concen: 0.017 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion: 65 Resp: 142
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 94.1 141.1#

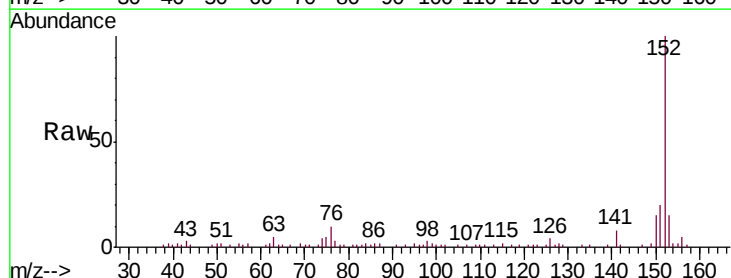


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

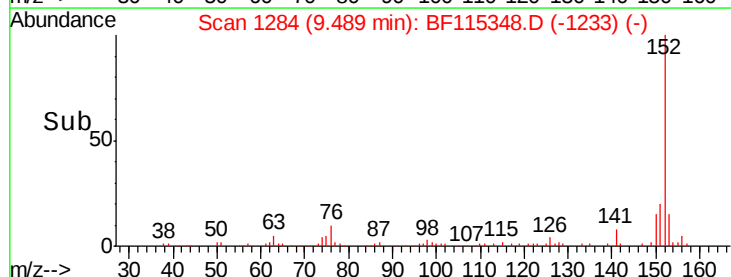
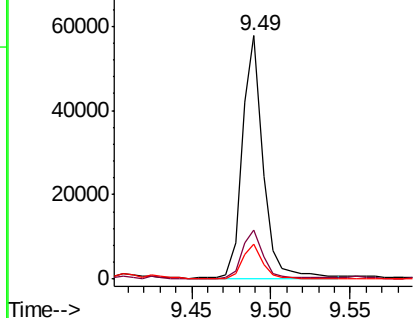


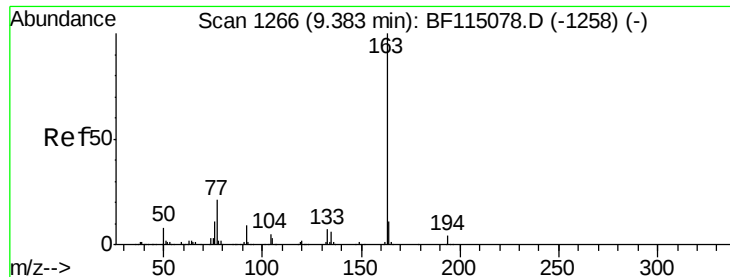
#49
Acenaphthylene
Concen: 1.174 ng
RT: 9.49 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion: 152 Resp: 53166
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 14.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

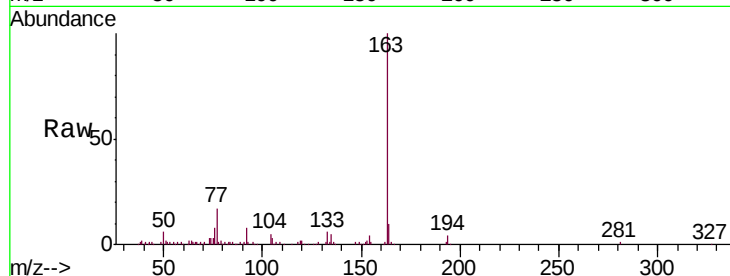




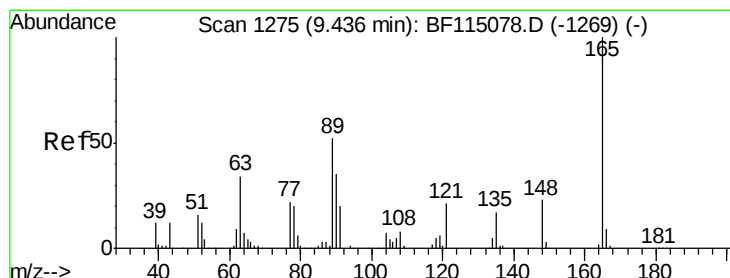
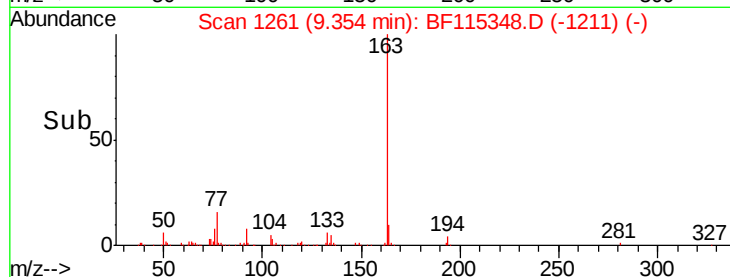
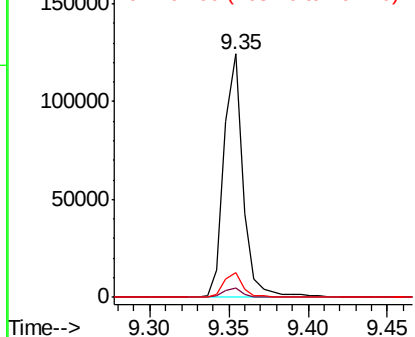
#50
Dimethylphthalate
Concen: 3.153 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.6	13.0

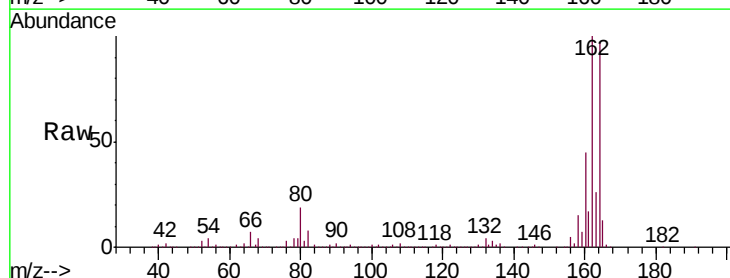


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

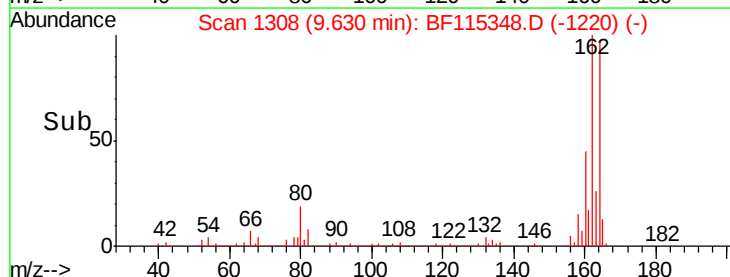
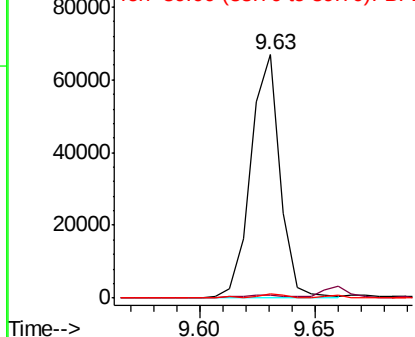


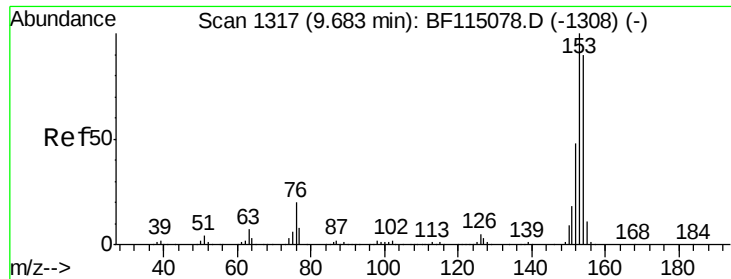
#51
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.22 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.4	59.2#
89	1.8	42.0	63.0#



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





#52

Acenaphthene

Concen: 1.252 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

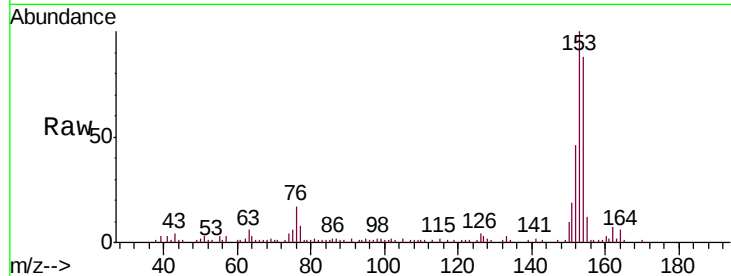
Tgt Ion:154 Resp: 35495

Ion Ratio Lower Upper

154 100

153 113.7 88.7 133.1

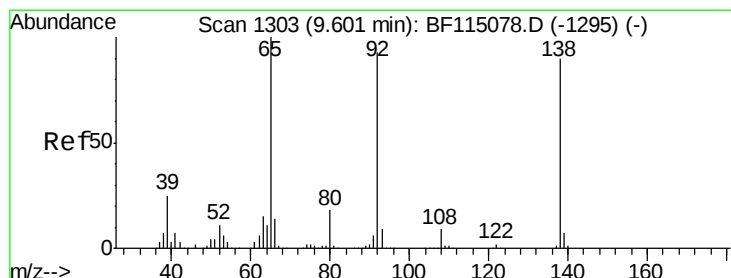
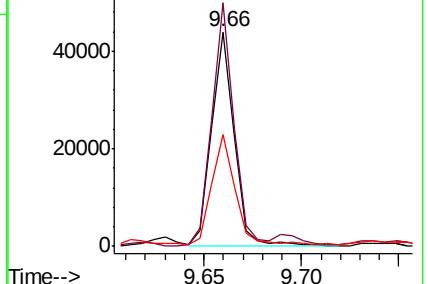
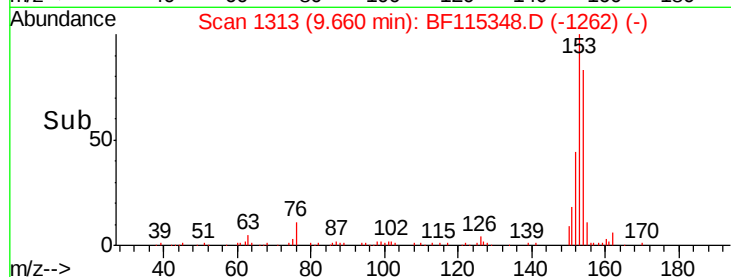
152 52.0 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.061 ng

RT: 9.83 min Scan# 1342

Delta R.T. 0.25 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

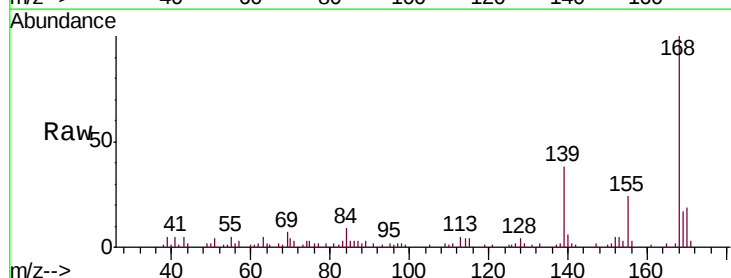
Tgt Ion:138 Resp: 567

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.6#

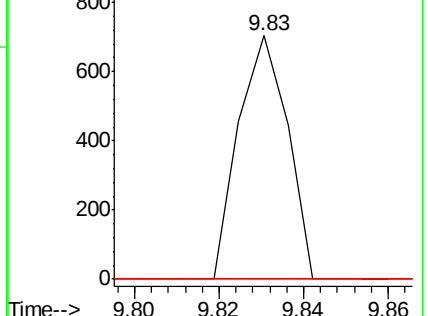
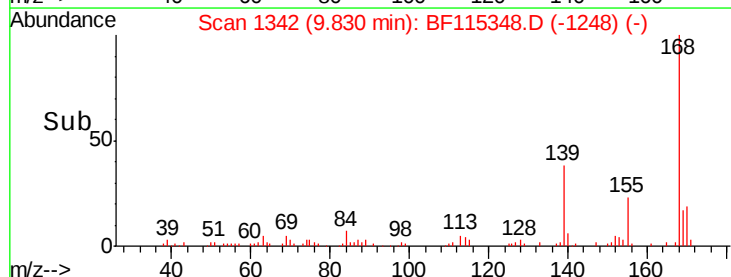
92 0.0 82.9 124.3#

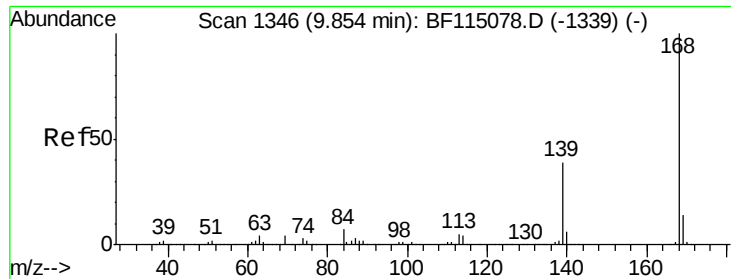


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

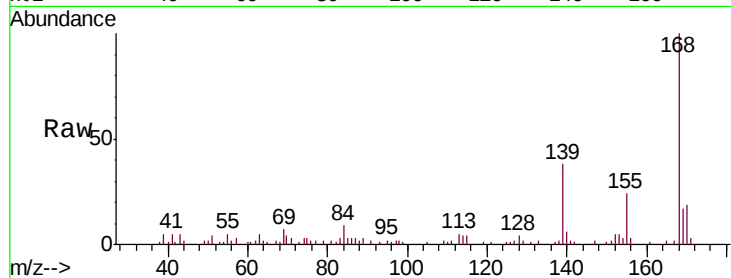




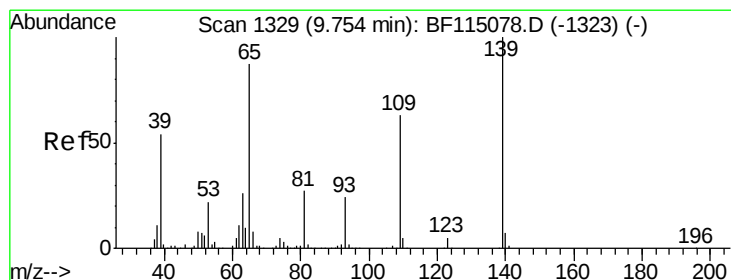
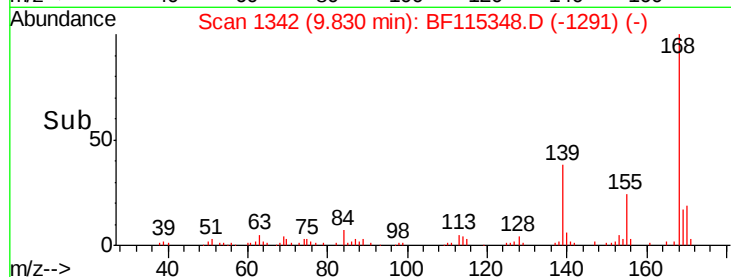
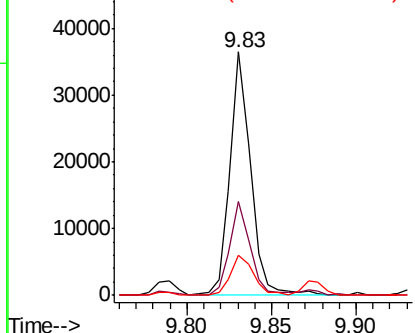
#55
Dibenzenofuran
Concen: 0.766 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:168 Resp: 31161
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 16.5 11.3 16.9

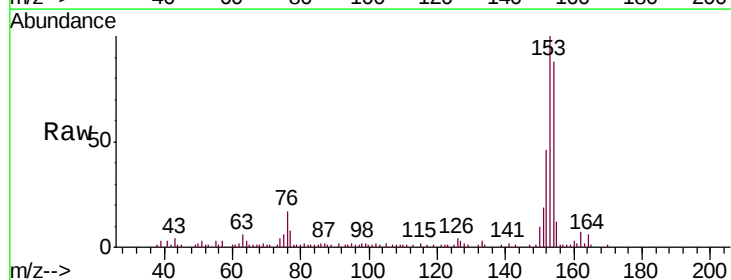


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

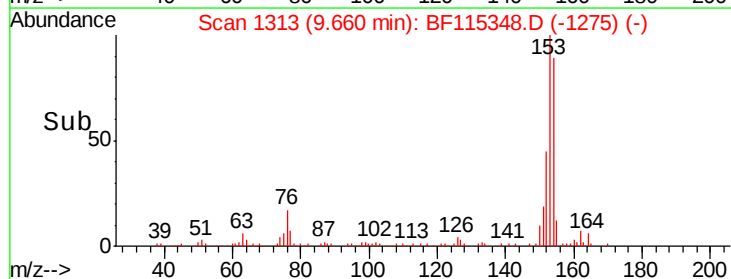
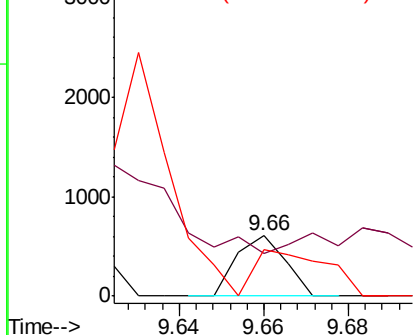


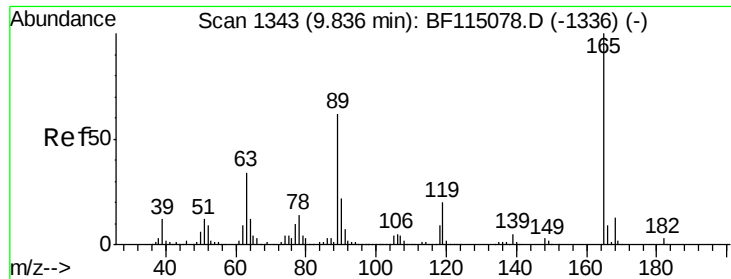
#56
4-Nitrophenol
Concen: 0.065 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.08 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:139 Resp: 486
Ion Ratio Lower Upper
139 100
109 70.2 43.0 83.0
65 78.2 67.0 107.0



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

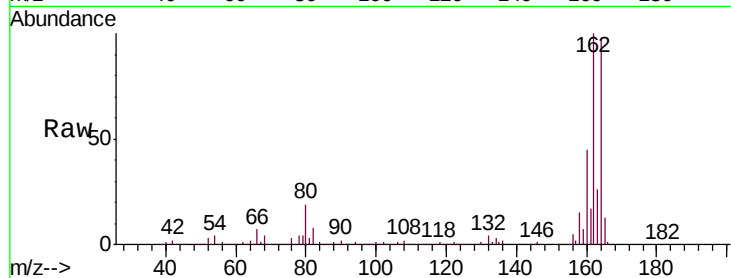




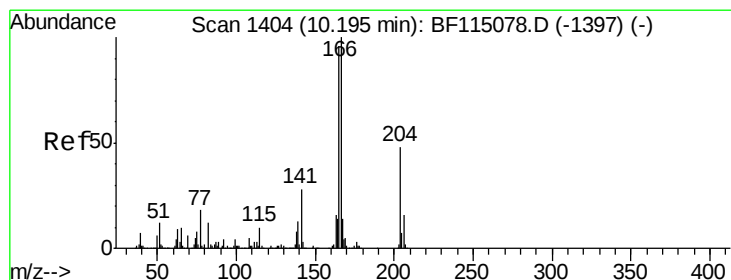
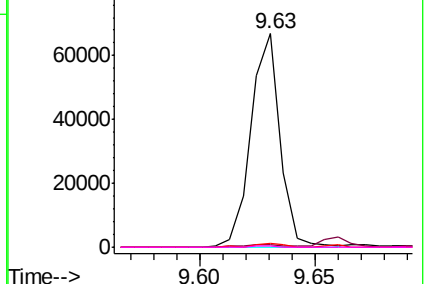
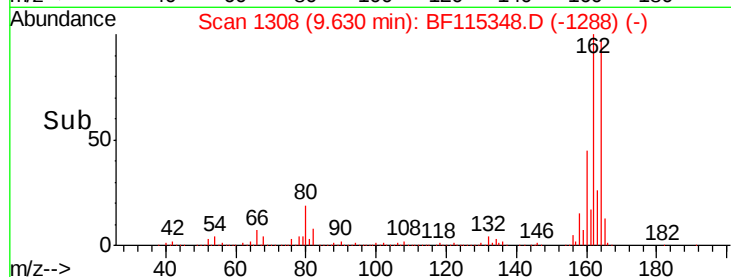
#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:	165	Resp:	59595
Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.5	41.3#
89	1.8	49.9	74.9#
182	0.6	2.1	3.1#

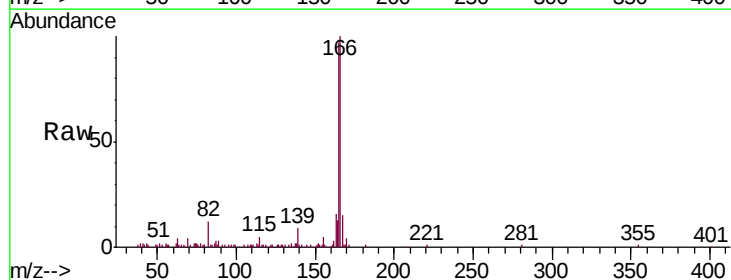


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

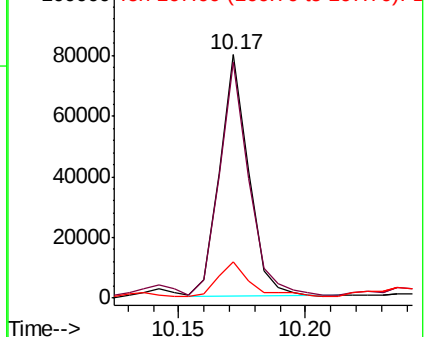
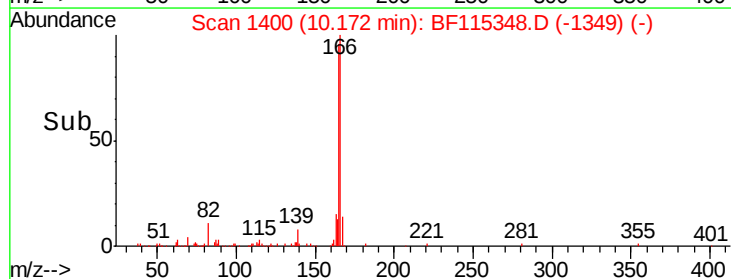


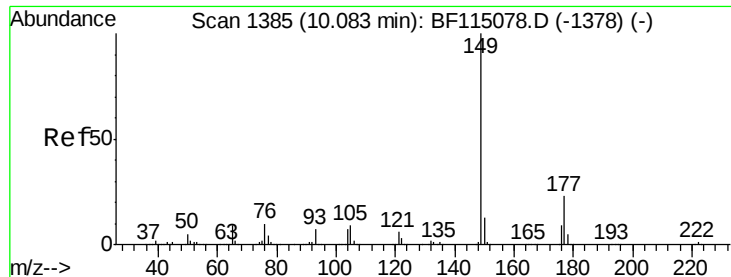
#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:	166	Resp:	63379
Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	14.7	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

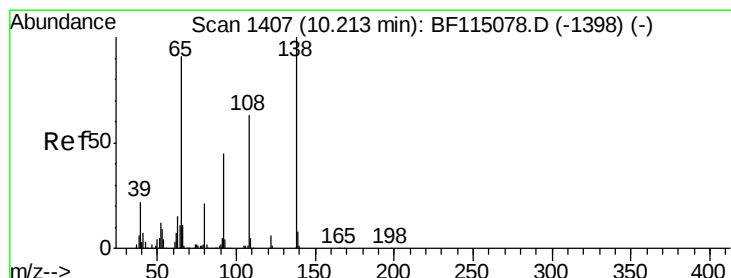
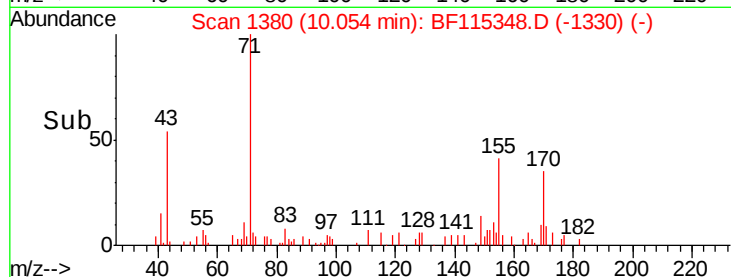
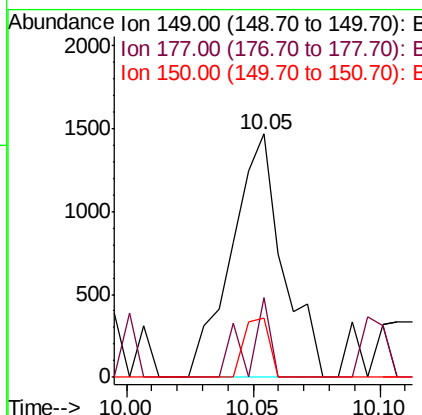
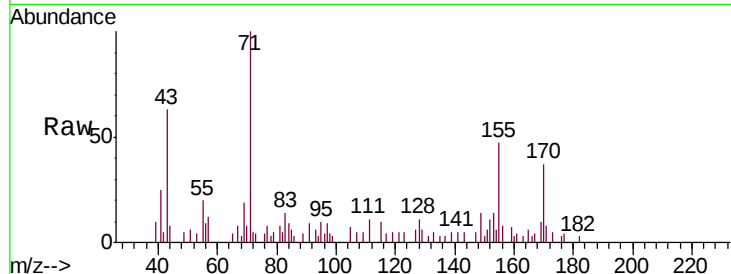




#60
Diethylphthalate
Concen: 0.062 ng
RT: 10.05 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

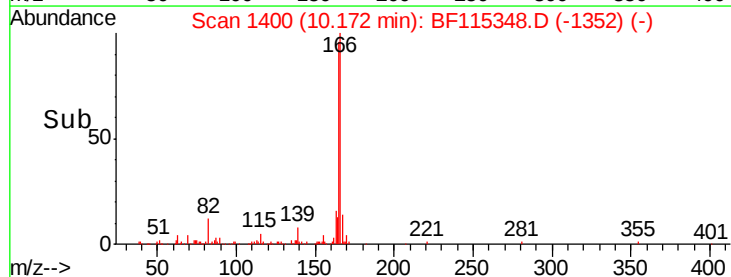
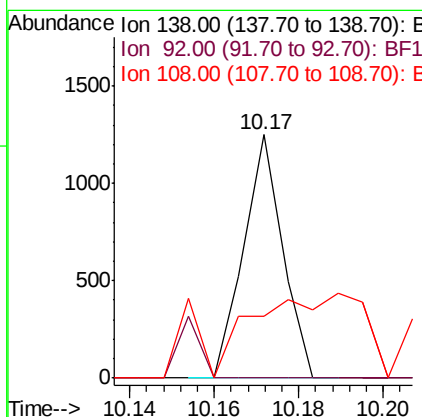
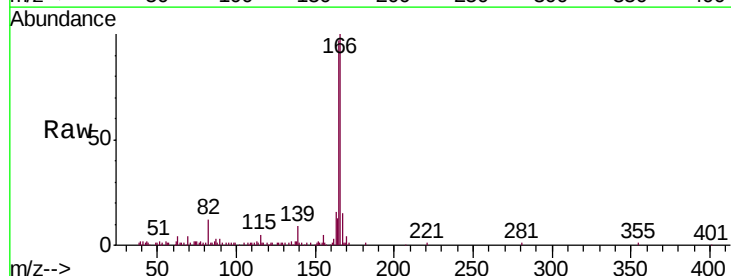
Instrument :
BNA_F
ClientSampleId :
SP-1

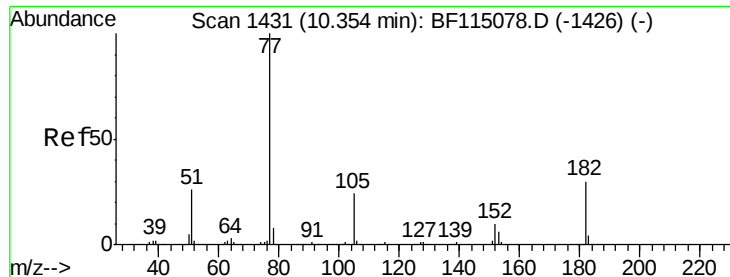
Tgt Ion:149 Resp: 2055
Ion Ratio Lower Upper
149 100
177 32.8 18.7 28.1#
150 24.3 10.4 15.6#



#62
4-Nitroaniline
Concen: 0.086 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:138 Resp: 800
Ion Ratio Lower Upper
138 100
92 0.0 24.8 64.8#
108 25.3 43.3 83.3#





#63

Azobenzene

Concen: 0.122 ng

RT: 10.56 min Scan# 1466

Delta R.T. 0.24 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion: 77 Resp: 3759

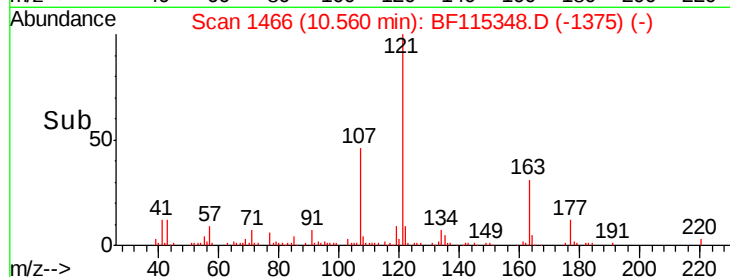
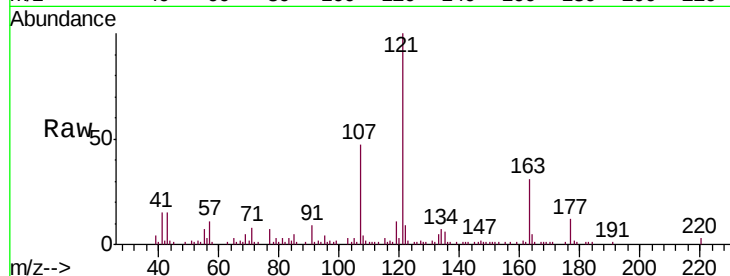
Ion Ratio Lower Upper

77 100

182 11.8 10.1 50.1

105 41.4 4.5 44.5

51 21.7 6.4 46.4

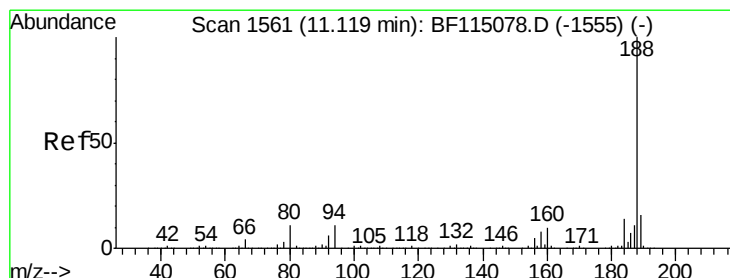
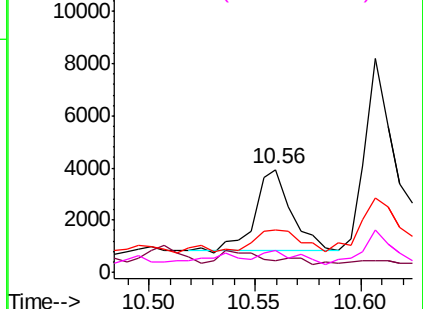


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

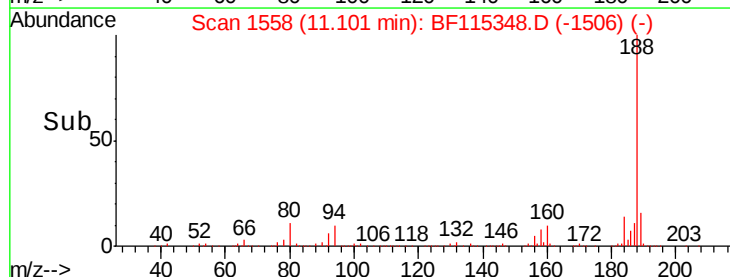
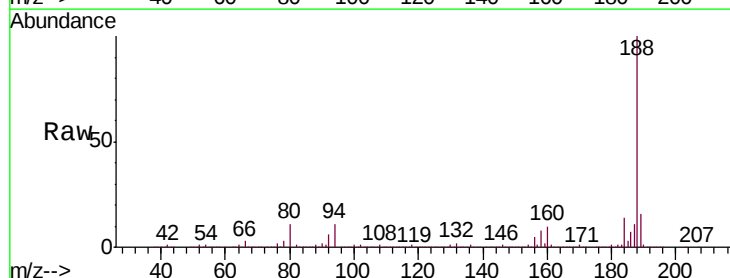
Tgt Ion: 188 Resp: 834848

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

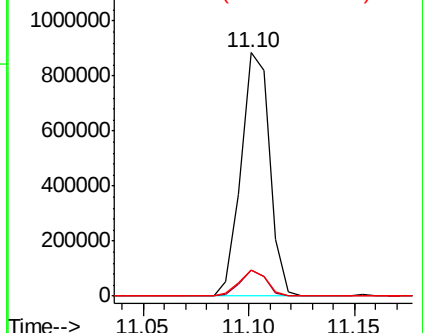
80 10.9 8.8 13.2

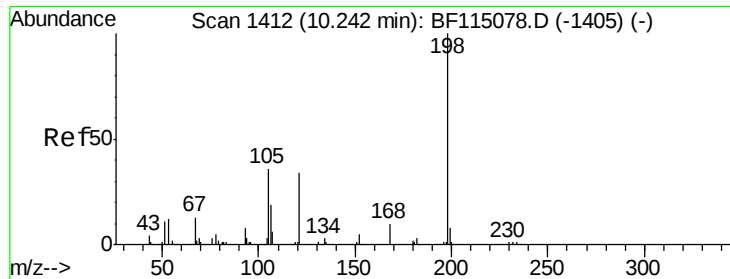


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

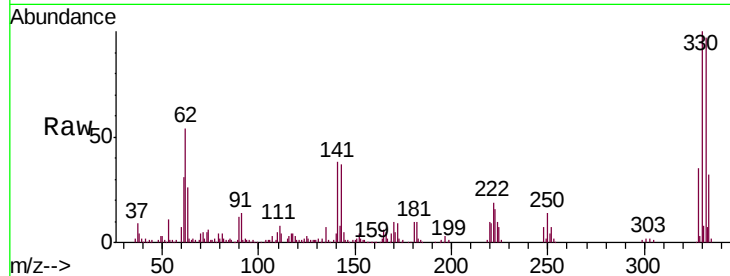




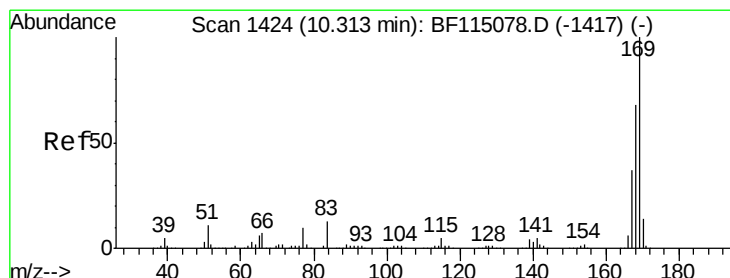
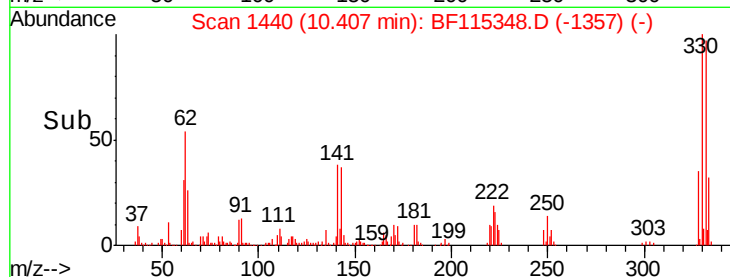
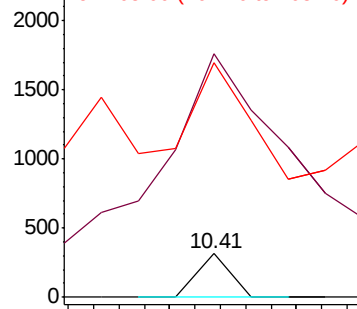
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.983 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion:198 Resp: 112
 Ion Ratio Lower Upper
 198 100
 51 557.0 11.0 51.0#
 105 537.3 17.3 57.3#

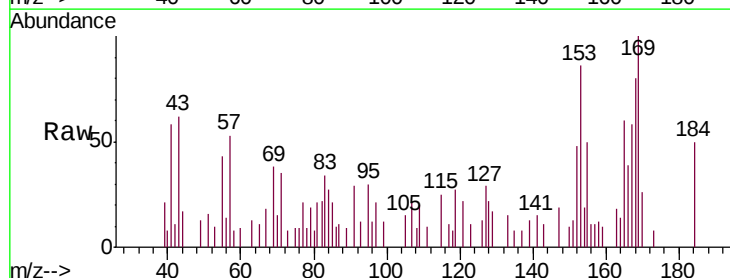


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

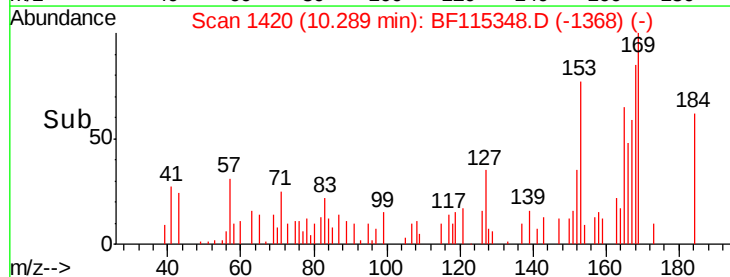
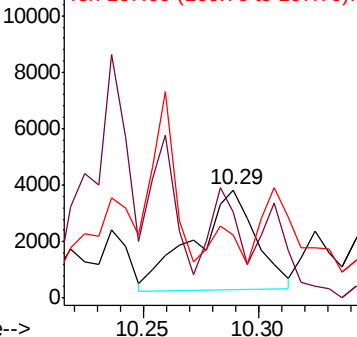


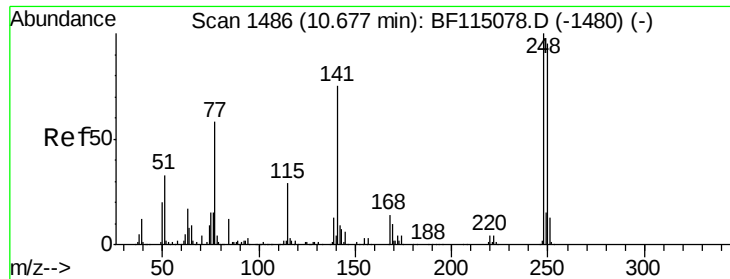
#66
 n-Nitrosodiphenylamine
 Concen: 0.253 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:169 Resp: 6589
 Ion Ratio Lower Upper
 169 100
 168 80.0 54.2 81.4
 167 57.9 29.4 44.0#



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

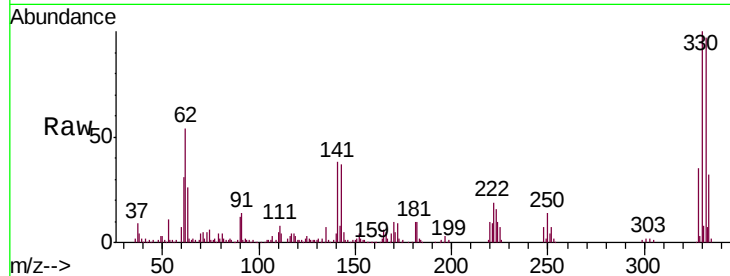




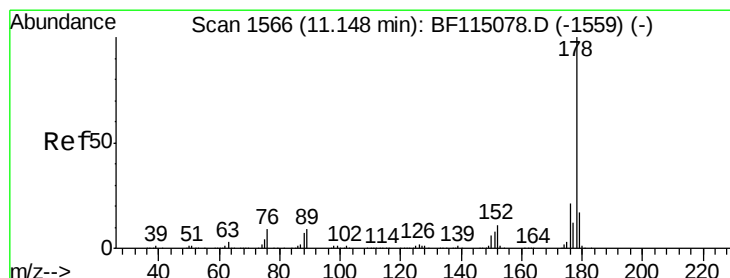
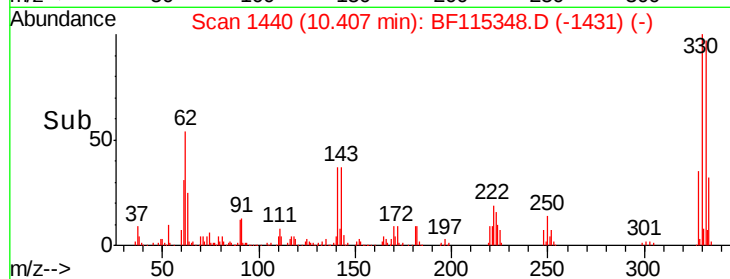
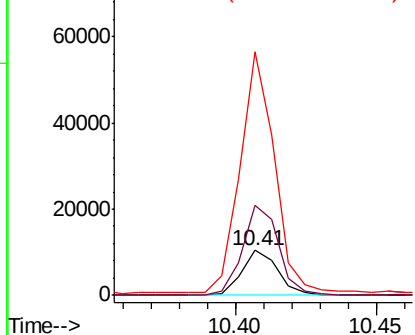
#67
 4-Bromophenyl-phenylether
 Concen: 1.005 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion:248 Resp: 9098
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.2 114.2#
 141 545.6 59.6 89.4#

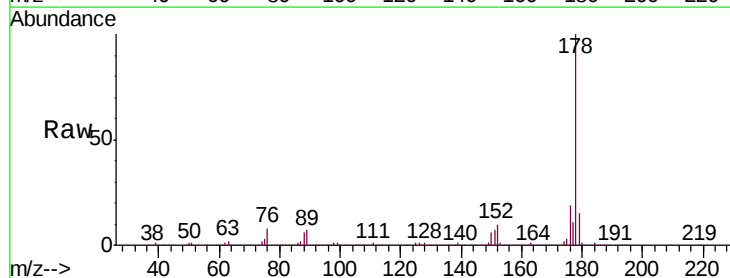


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

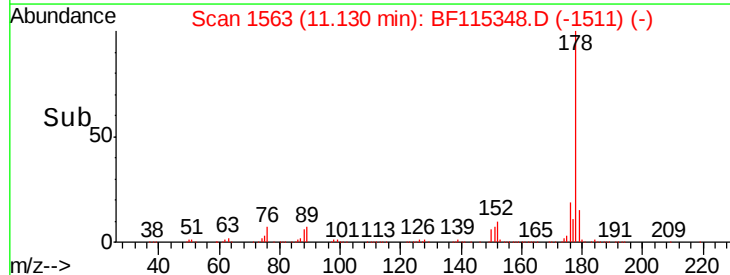
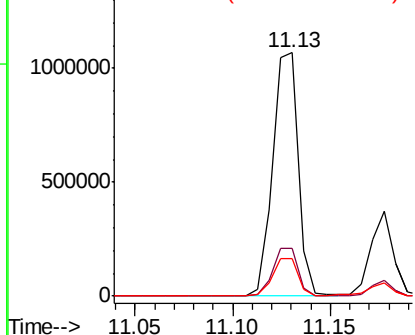


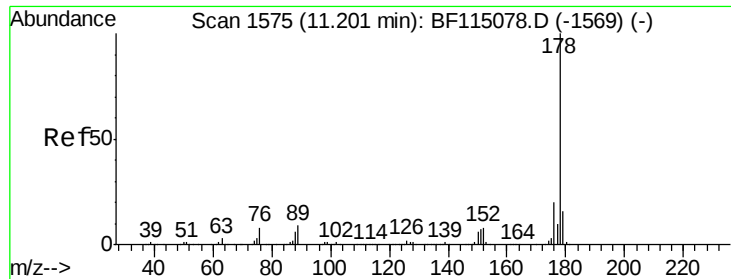
#71
 Phenanthrene
 Concen: 21.604 ng
 RT: 11.13 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:178 Resp: 971082
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.9 25.3
 179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

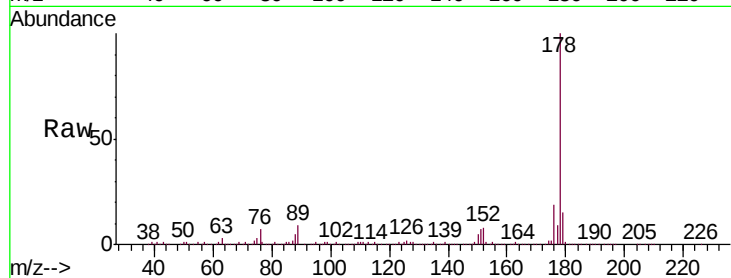




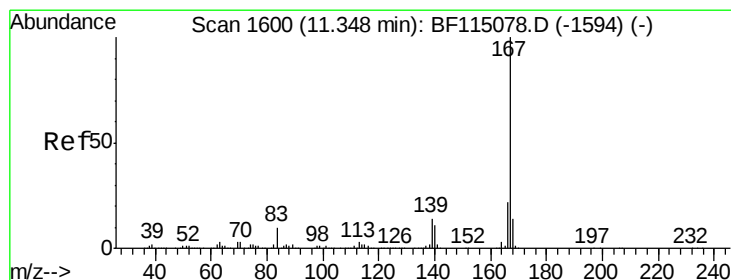
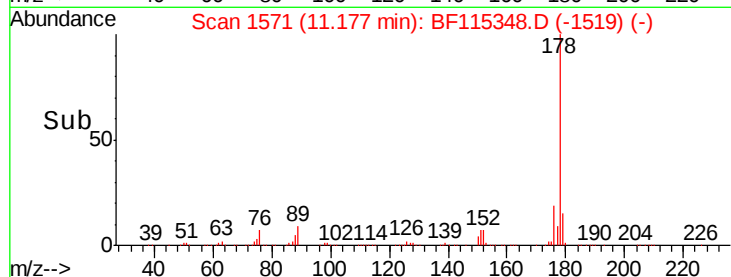
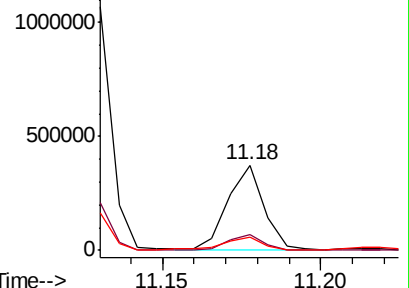
#72
 Anthracene
 Concen: 6.406 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:178 Resp: 290656
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.1 24.1
 179 15.5 12.9 19.3

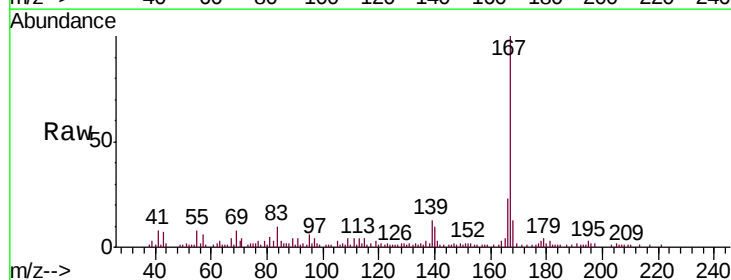


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

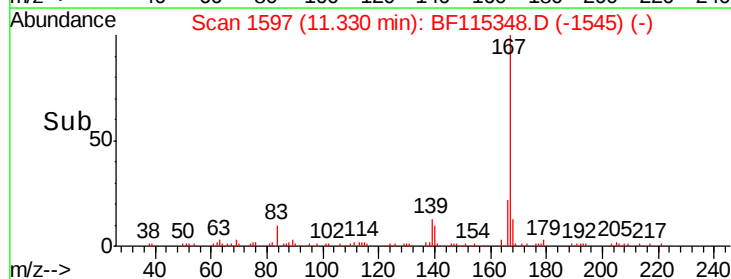
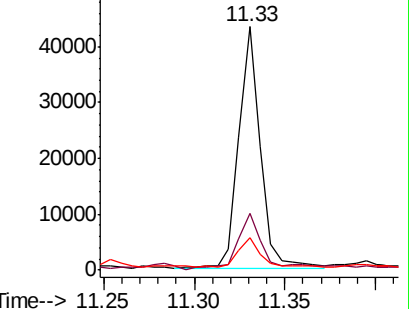


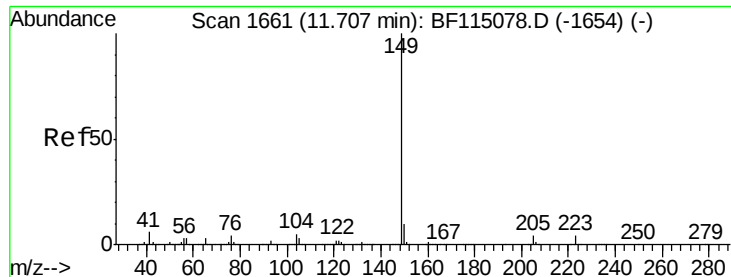
#73
 Carbazole
 Concen: 0.875 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion:167 Resp: 35460
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 13.4 11.1 16.7



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





#74

Di-n-butylphthalate

Concen: 0.198 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

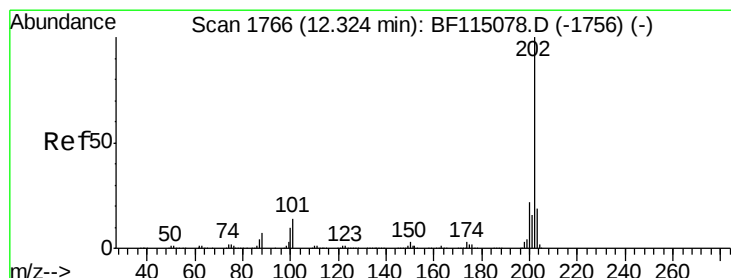
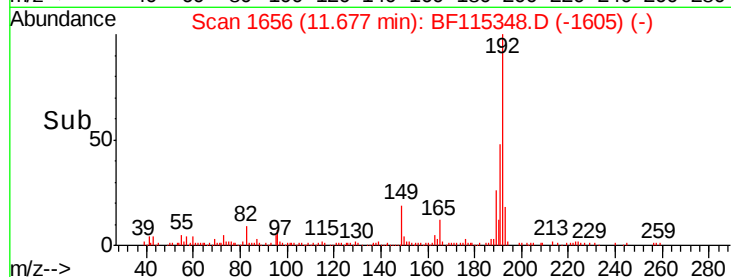
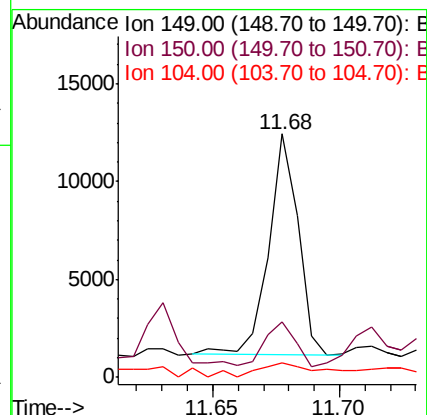
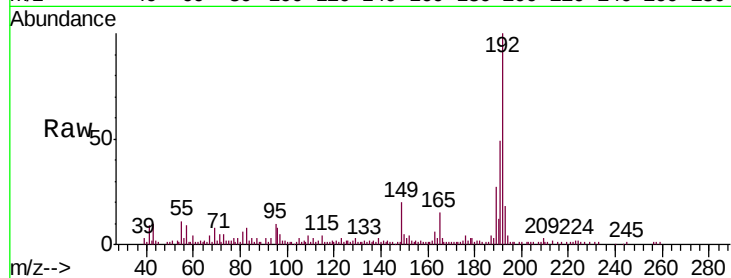
Tgt Ion:149 Resp: 9253

Ion Ratio Lower Upper

149 100

150 23.0 7.8 11.8#

104 5.8 3.7 5.5#



#75

Fluoranthene

Concen: 37.692 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

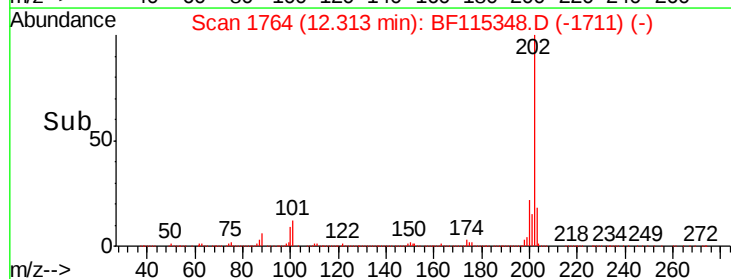
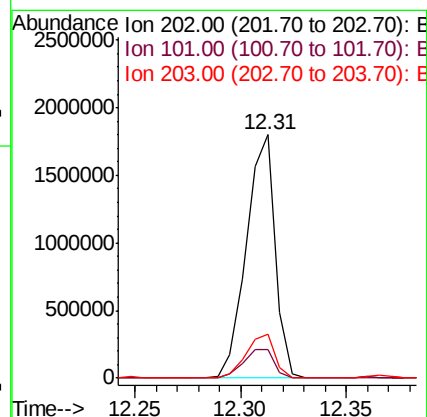
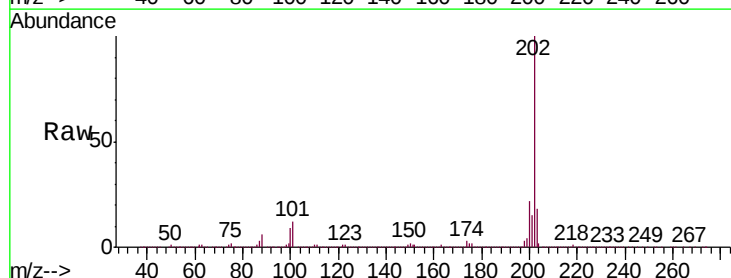
Tgt Ion:202 Resp: 1690397

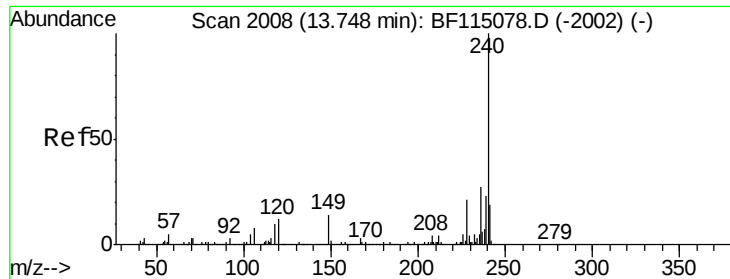
Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.0

203 17.9 0.0 38.8

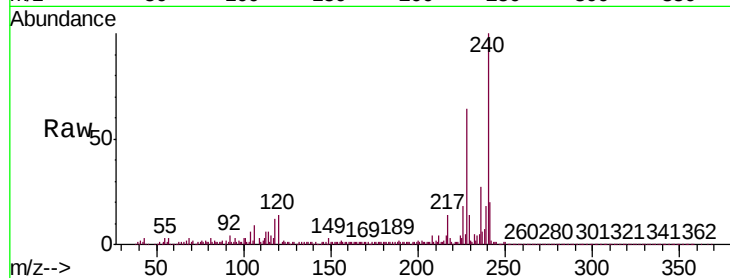




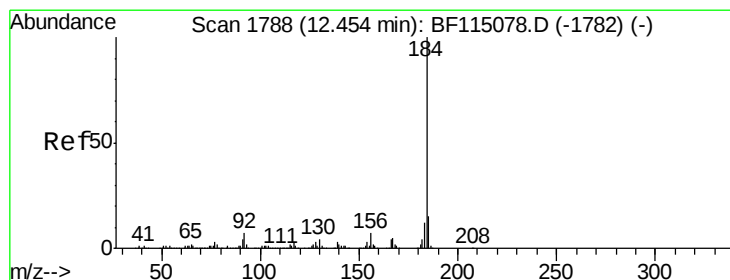
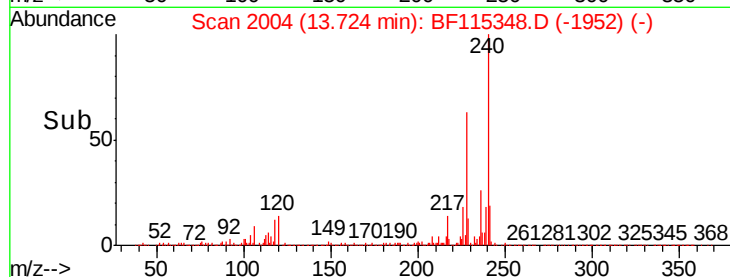
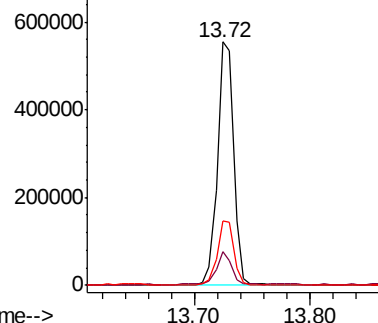
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:240 Resp: 535878
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.7 21.7 32.5

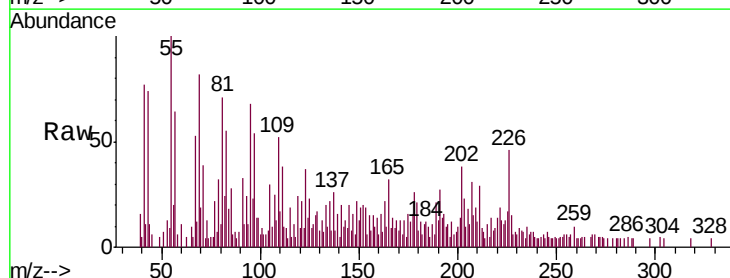


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

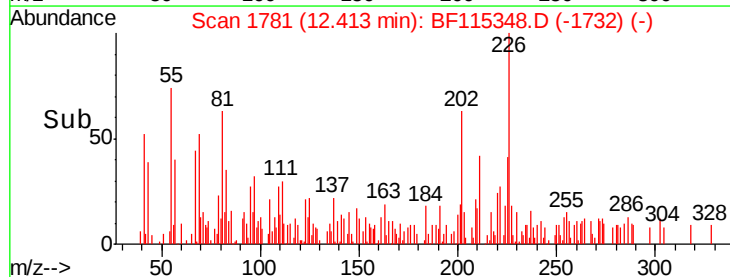
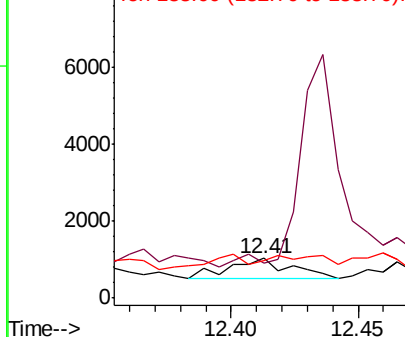


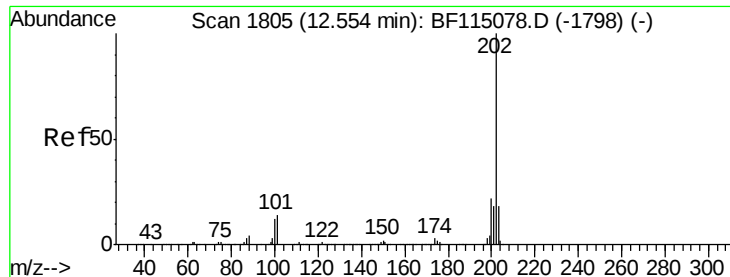
#77
Benzidine
Concen: 0.040 ng
RT: 12.41 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:184 Resp: 949
Ion Ratio Lower Upper
184 100
185 88.0 12.2 18.2#
183 94.0 9.6 14.4#



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

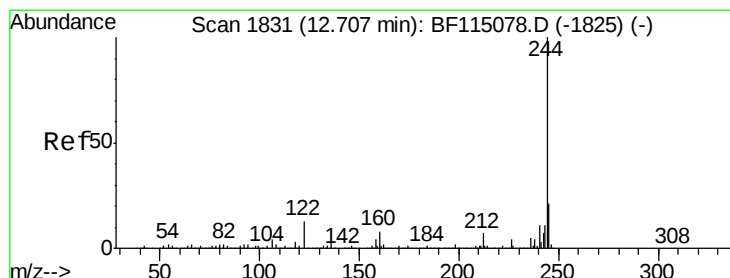
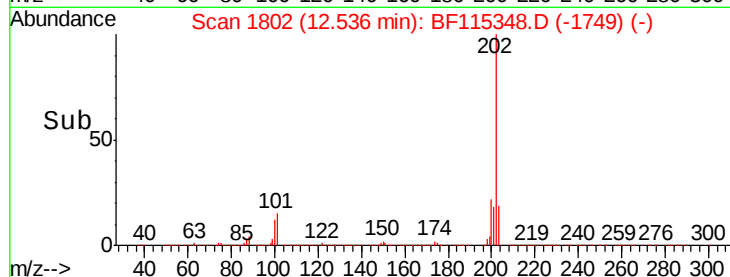
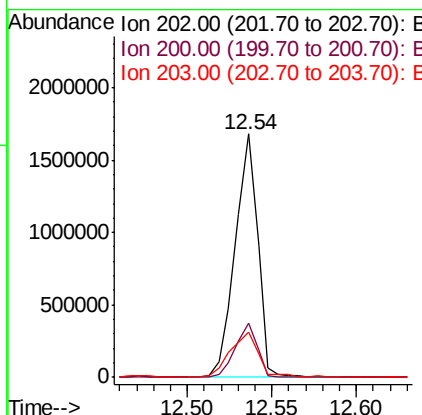
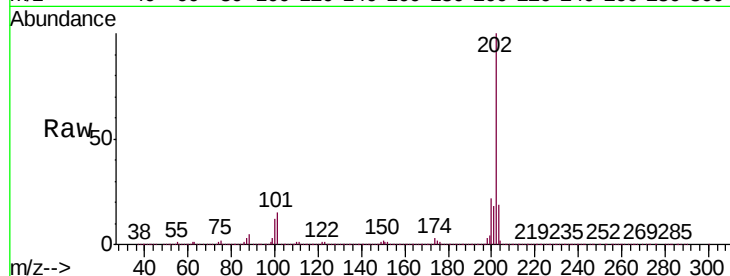




#78
Pyrene
Concen: 37.662 ng
RT: 12.54 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

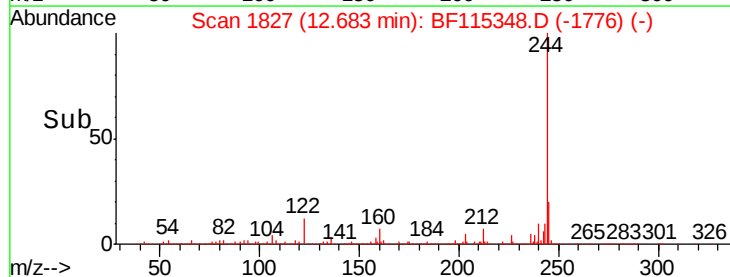
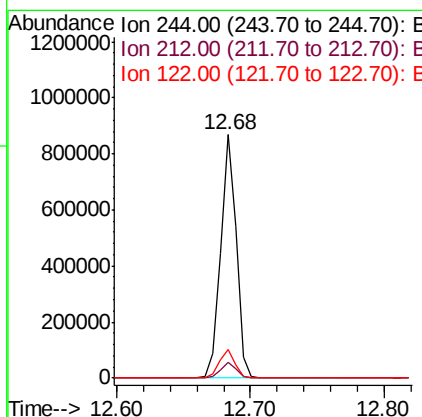
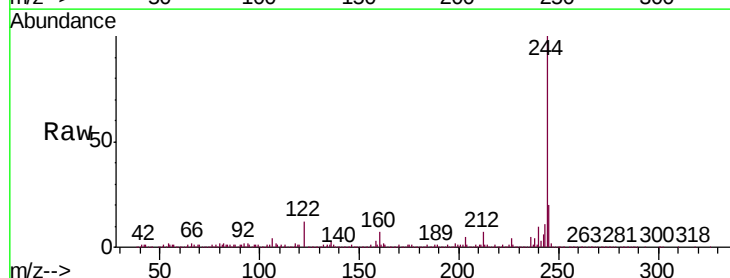
Instrument :
BNA_F
ClientSampleId :
SP-1

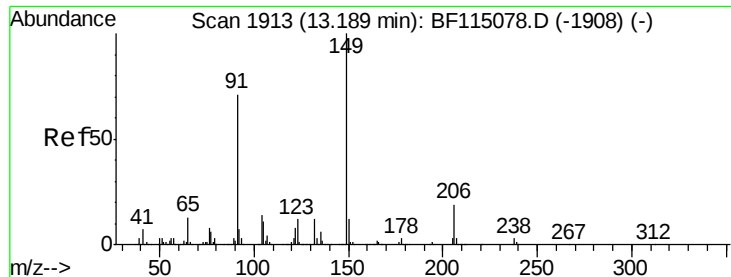
Tgt Ion:202 Resp: 1551029
Ion Ratio Lower Upper
202 100
200 22.3 17.9 26.9
203 18.7 14.6 21.8



#79
Terphenyl-d14
Concen: 28.472 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:244 Resp: 717609
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 11.9 10.4 15.6

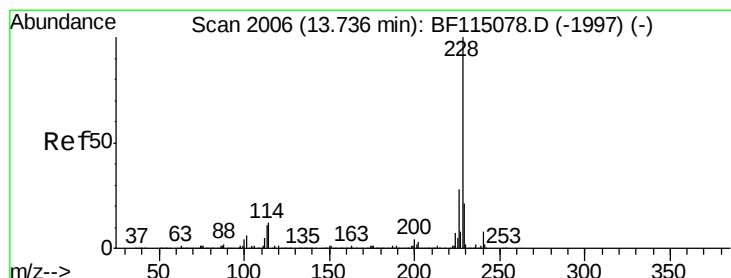
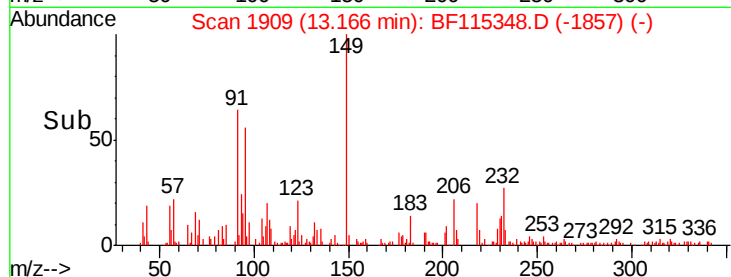
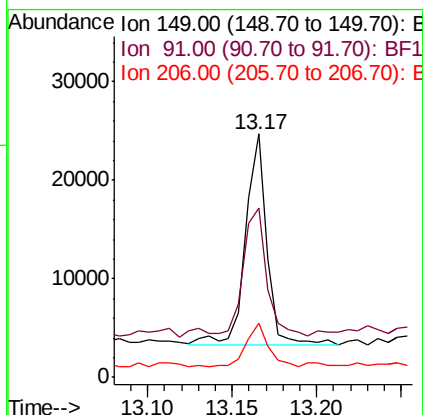
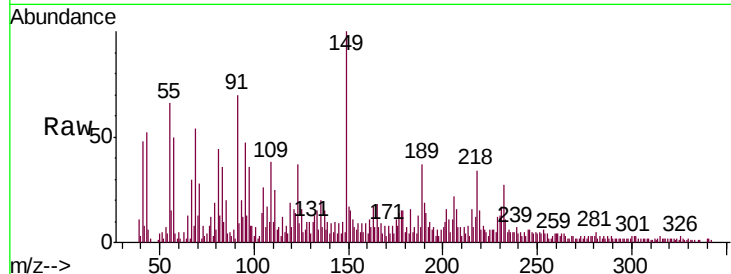




#80
Butylbenzylphthalate
Concen: 1.035 ng
RT: 13.17 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

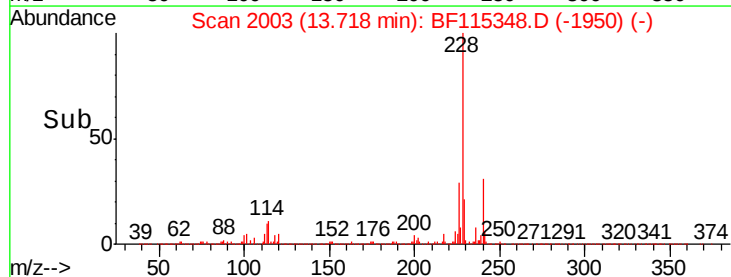
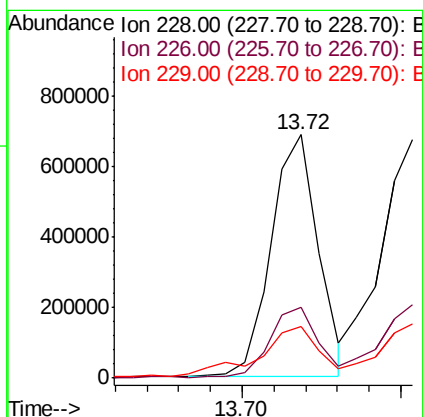
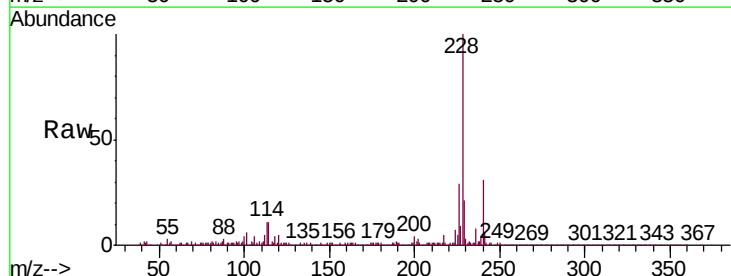
Instrument :
BNA_F
ClientSampleId :
SP-1

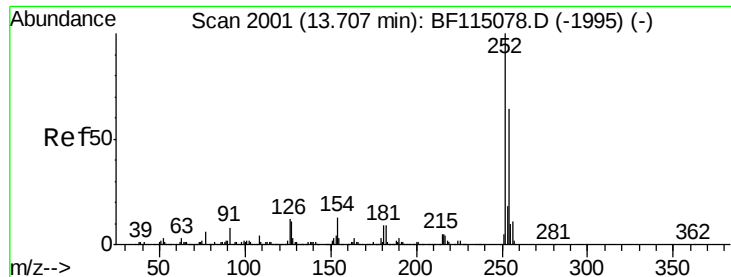
Tgt Ion:149 Resp: 18818
Ion Ratio Lower Upper
149 100
91 69.7 56.5 84.7
206 22.3 15.3 22.9



#81
Benzo(a)anthracene
Concen: 18.469 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF115348.D
Acq: 1 Jul 2019 19:41

Tgt Ion:228 Resp: 710134
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.2 16.6 24.8

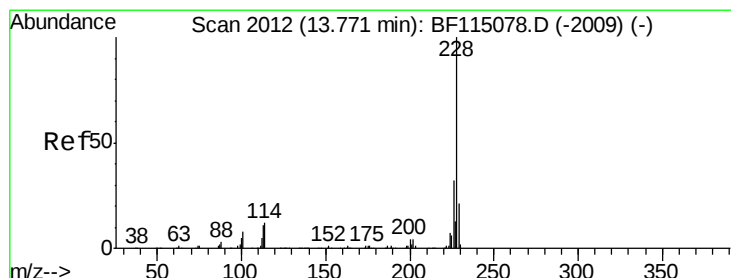
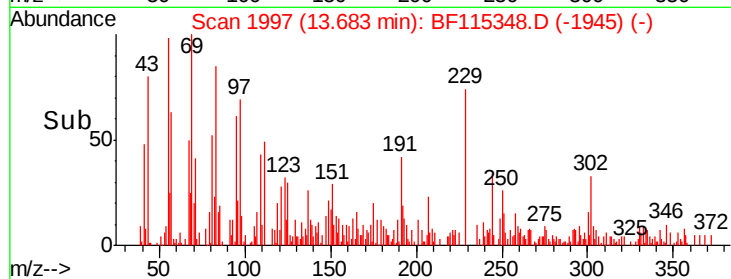
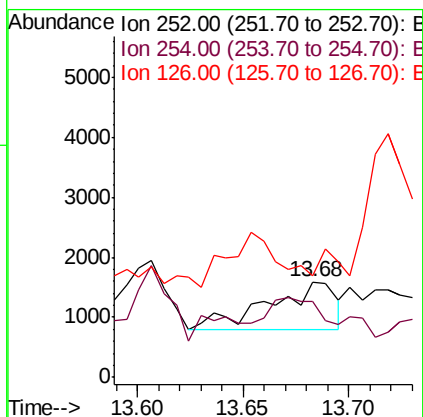
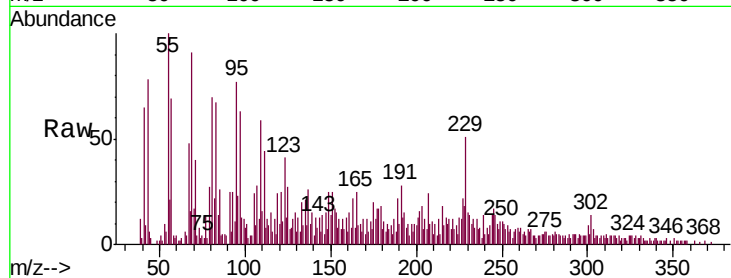




#82
 3,3'-Dichlorobenzidine
 Concen: 0.125 ng
 RT: 13.68 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

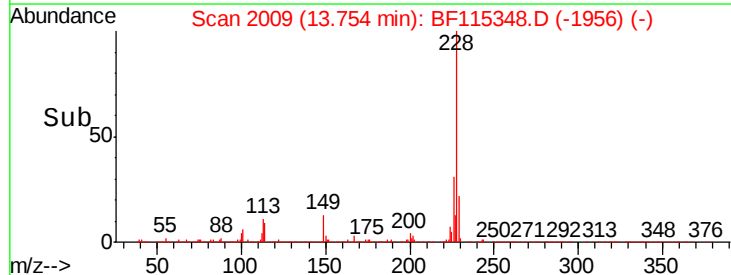
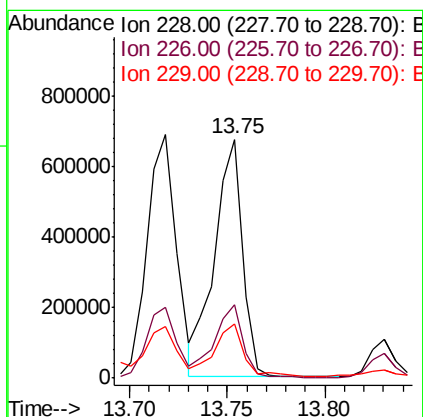
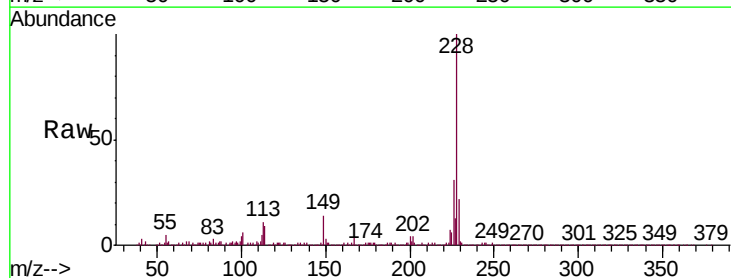
Instrument :
 BNA_F
 ClientSampled :
 SP-1

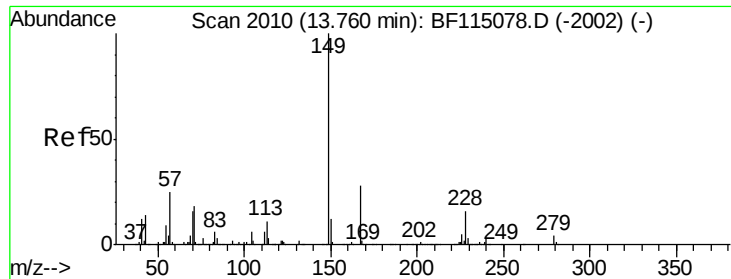
Tgt Ion: 252 Resp: 1736
 Ion Ratio Lower Upper
 252 100
 254 79.4 51.1 76.7#
 126 106.9 9.4 14.0#



#83
 Chrysene
 Concen: 19.223 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Tgt Ion: 228 Resp: 677063
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 22.5 16.5 24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.275 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

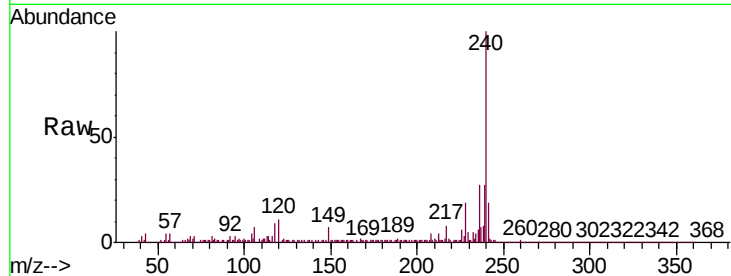
Tgt Ion:149 Resp: 30360

Ion Ratio Lower Upper

149 100

167 29.9 22.2 33.4

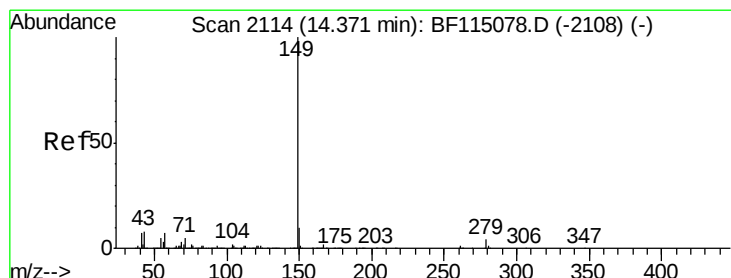
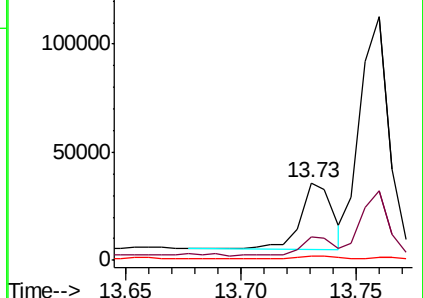
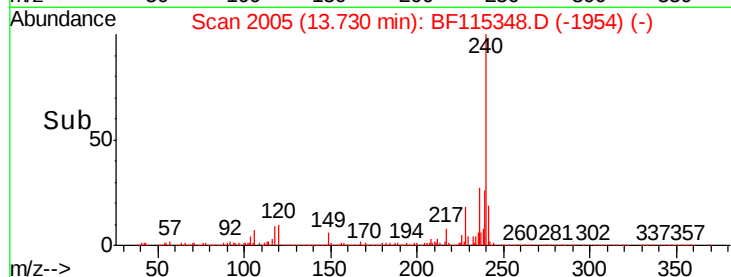
279 5.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.106 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

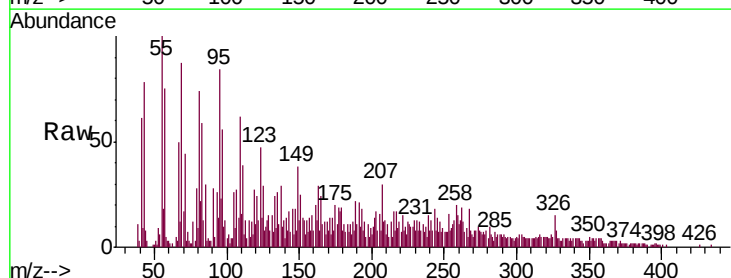
Tgt Ion:149 Resp: 4241

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

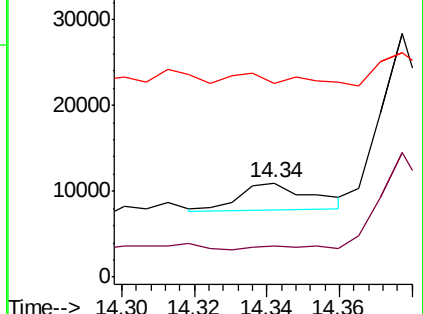
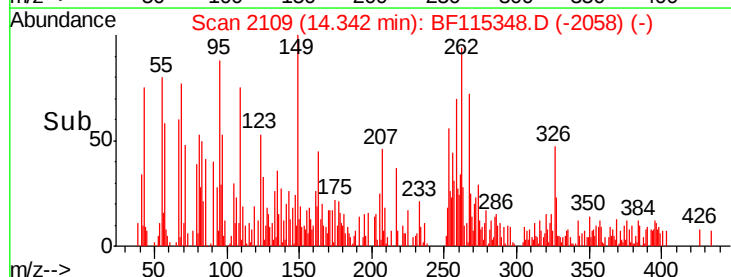
43 0.0 7.0 10.6#

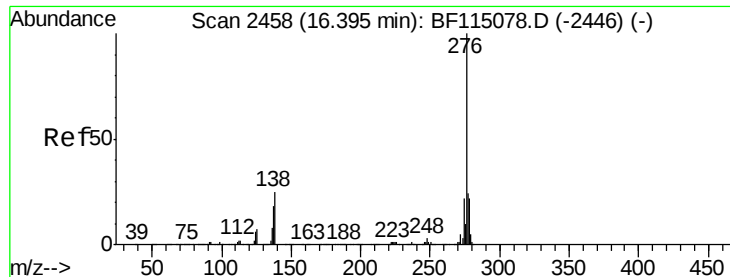


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 7.218 ng

RT: 16.37 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

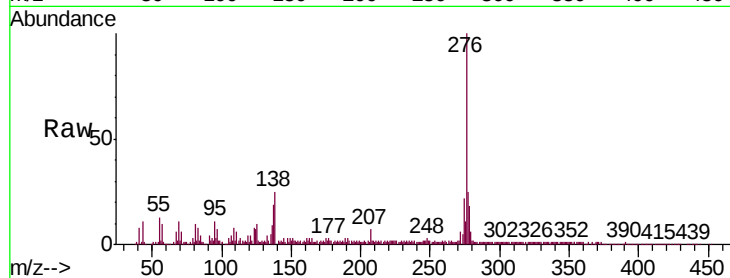
Tgt Ion:276 Resp: 300835

Ion Ratio Lower Upper

276 100

138 24.0 23.2 34.8

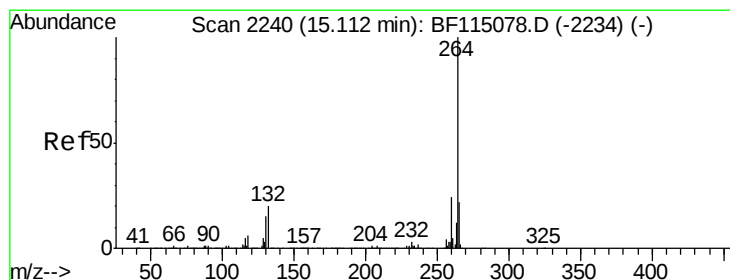
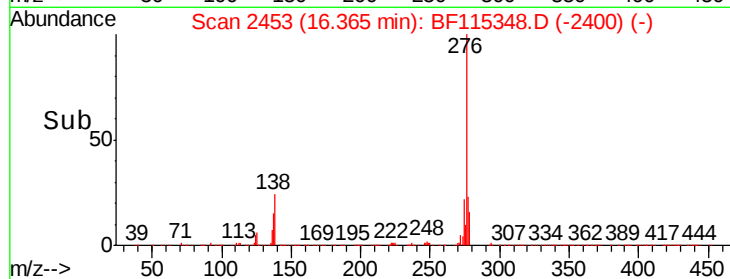
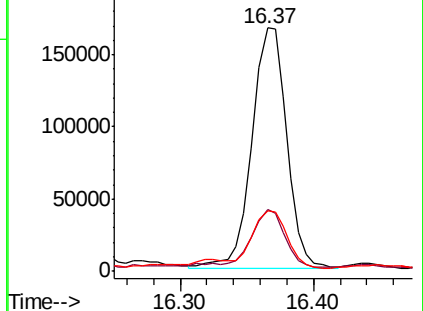
277 23.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

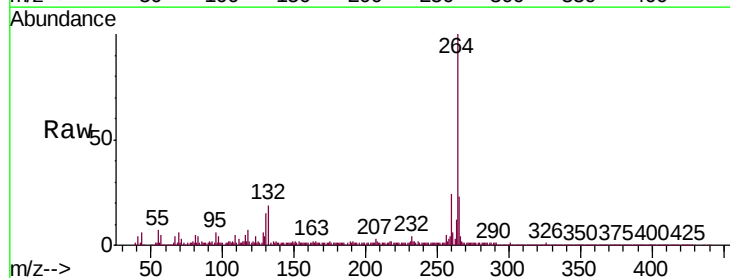
Tgt Ion:264 Resp: 475686

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

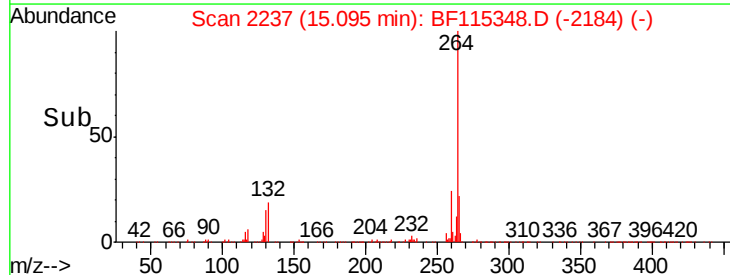
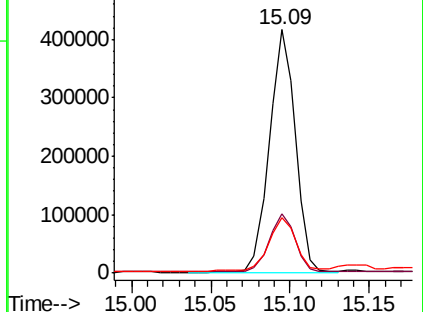
265 22.7 17.3 25.9

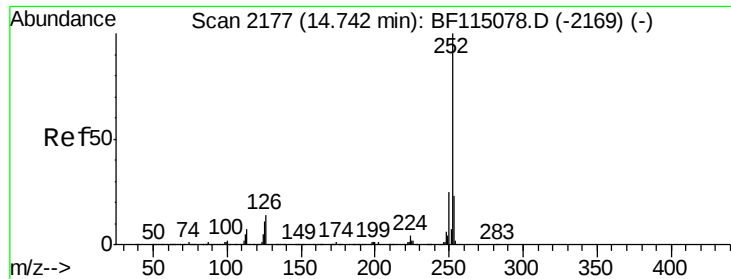


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 32.155 ng

RT: 14.72 min Scan# 2173

Delta R.T. 0.00 min

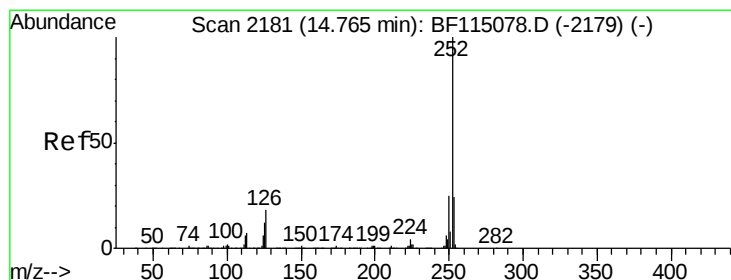
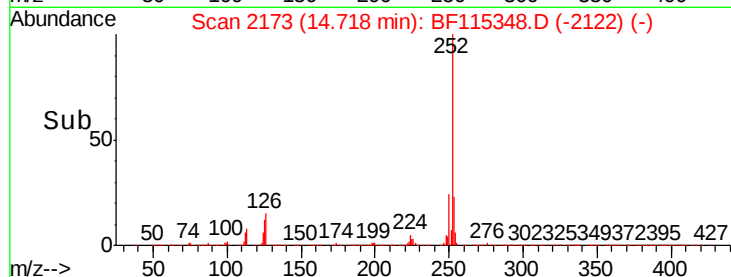
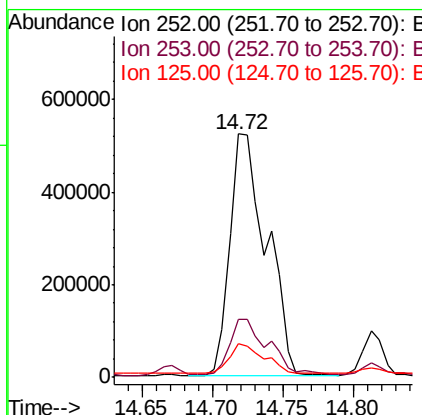
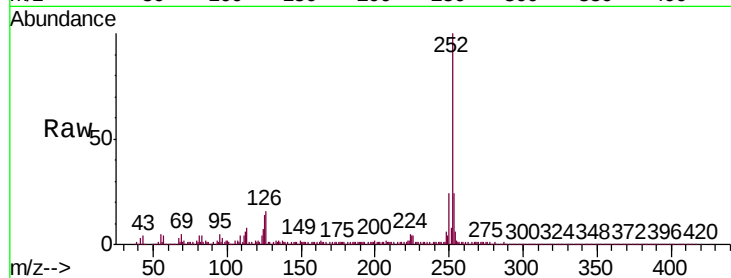
Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 954395

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	13.7	8.7	13.1#



#89

Benzo(k)fluoranthene

Concen: 35.855 ng

RT: 14.72 min Scan# 2173

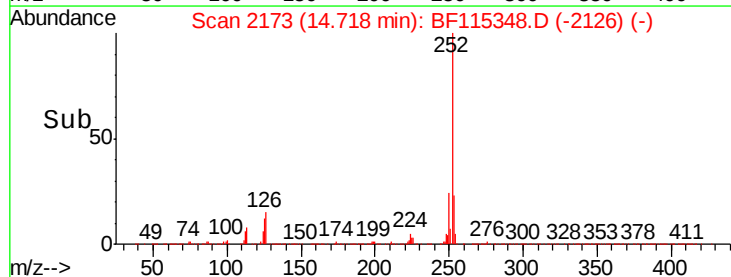
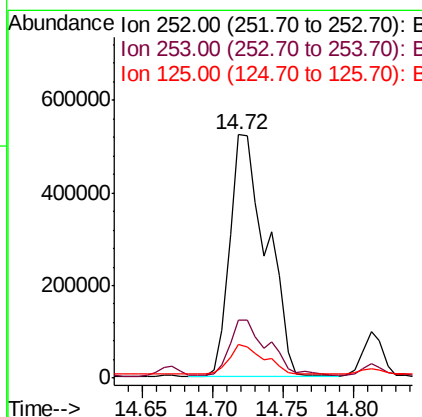
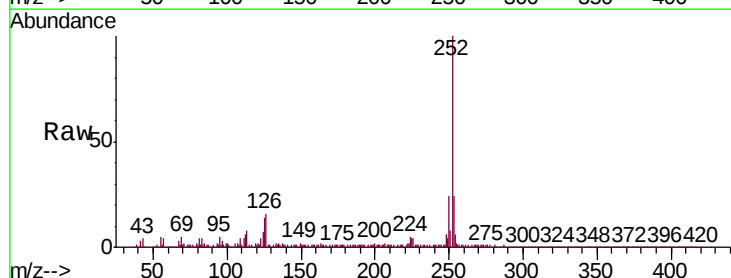
Delta R.T. -0.02 min

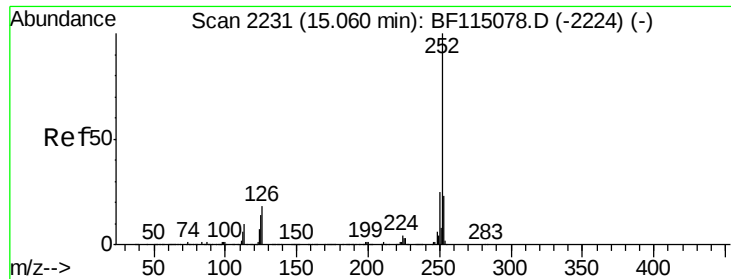
Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Tgt Ion:252 Resp: 954395

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	13.7	10.2	15.2





#90

Benzo(a)pyrene

Concen: 19.093 ng

RT: 15.04 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

Instrument :

BNA_F

ClientSampleId :

SP-1

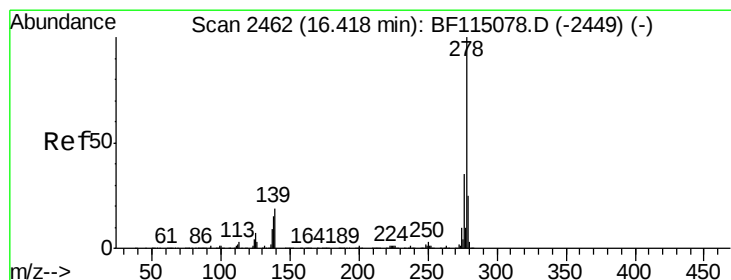
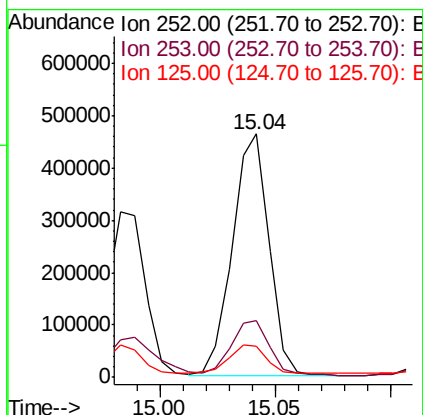
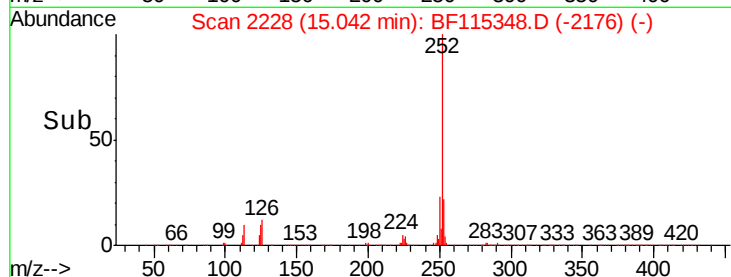
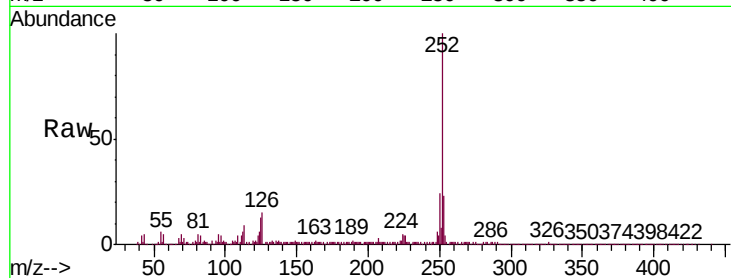
Tgt Ion:252 Resp: 510787

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

125 12.7 10.9 16.3



#91

Dibenzo(a,h)anthracene

Concen: 3.017 ng

RT: 16.38 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF115348.D

Acq: 1 Jul 2019 19:41

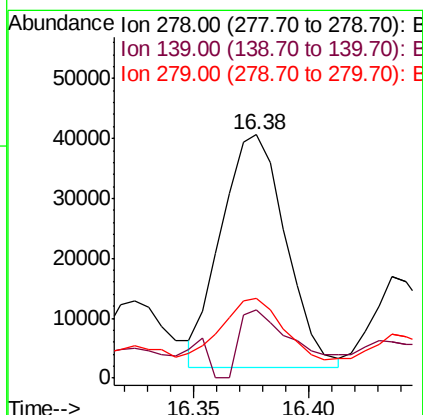
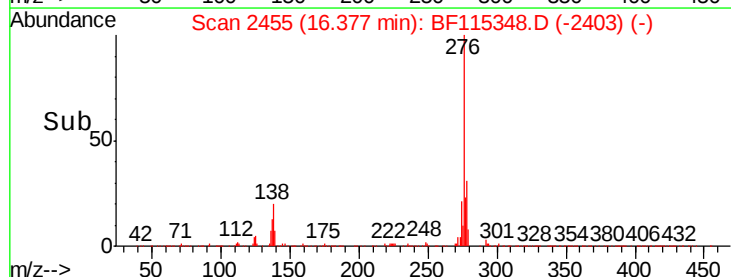
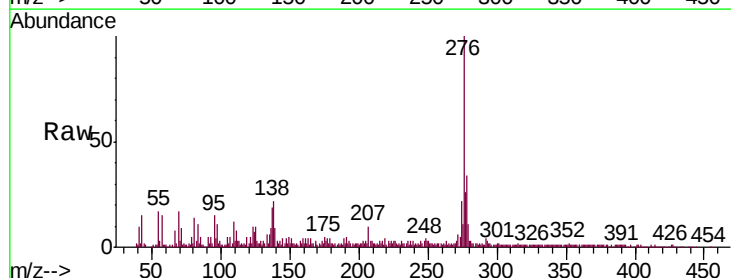
Tgt Ion:278 Resp: 75349

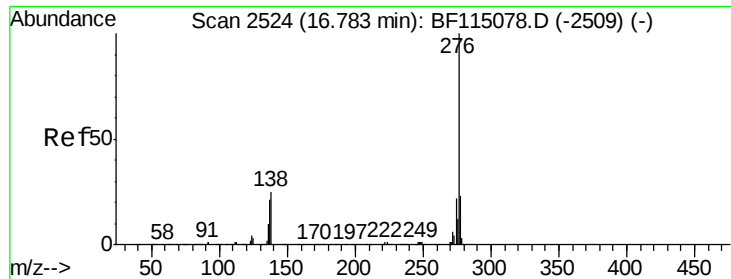
Ion Ratio Lower Upper

278 100

139 28.3 15.4 23.2#

279 32.6 19.9 29.9#

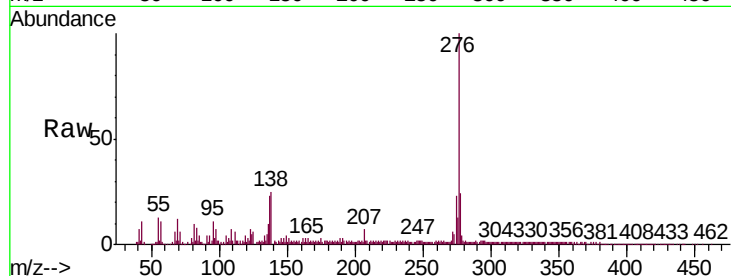




#92
 Benzo(g,h,i)perylene
 Concen: 11.160 ng
 RT: 16.75 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF115348.D
 Acq: 1 Jul 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.1	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

