

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098615.D
 Acq On : 18 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5265-07MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106843	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	418537	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	177483	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	275169	20.00	ng	0.00
75) Chrysene-d12	13.79	240	190561	20.00	ng	0.00
86) Perylene-d12	15.19	264	172210	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	865748	119.80	ng	0.02
7) Phenol-d6	6.30	99	1057464	115.25	ng	0.01
23) Nitrobenzene-d5	7.21	82	628425	83.71	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	164308	138.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	991070	94.64	ng	0.00
78) Terphenyl-d14	12.73	244	714535	80.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	107415	28.799	ng	88
3) Pyridine	2.98	79	236663	23.893	ng	# 77
4) n-Nitrosodimethylamine	2.93	42	176459	36.338	ng	83
6) Aniline	6.30	93	270076	23.464	ng	# 37
8) 2-Chlorophenol	6.43	128	338284	42.572	ng	95
9) Benzaldehyde	6.19	77	143295	23.891	ng	96
10) Phenol	6.32	94	439523	41.243	ng	93
11) bis(2-Chloroethyl)ether	6.38	93	323338	40.241	ng	95
12) 1,3-Dichlorobenzene	6.57	146	323999	40.510	ng	97
13) 1,4-Dichlorobenzene	6.65	146	329051	40.165	ng	# 93
14) 1,2-Dichlorobenzene	6.80	146	313095	41.949	ng	99
15) Benzyl Alcohol	6.80	79	297183	48.669	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	488978	36.987	ng	# 31
17) 2-Methylphenol	6.92	107	274362	42.342	ng	# 84
18) Hexachloroethane	7.14	117	114339	36.443	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	252468	43.746	ng	97
20) 3+4-Methylphenols	7.07	107	366723	44.848	ng	# 65
22) Acetophenone	7.06	105	489953	45.293	ng	# 91
24) Nitrobenzene	7.23	77	357064	41.755	ng	97
25) Isophorone	7.47	82	637624	41.978	ng	# 98
26) 2-Nitrophenol	7.55	139	171815	49.762	ng	# 78
27) 2,4-Dimethylphenol	7.60	122	286961	43.598	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	402097	43.383	ng	99
29) 2,4-Dichlorophenol	7.80	162	274545	50.154	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	287339	48.254	ng	99
31) Naphthalene	7.95	128	921264	44.526	ng	100
32) Benzoic acid	7.76	122	133688	33.221	ng	91
33) 4-Chloroaniline	8.00	127	184626	21.956	ng	98
34) Hexachlorobutadiene	8.06	225	159749	52.258	ng	99
35) Caprolactam	8.39	113	54008	28.611	ng	# 14
36) 4-Chloro-3-methylphenol	8.51	107	287943	42.415	ng	# 84
37) 2-Methylnaphthalene	8.64	142	601234	47.972	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	262727	47.522	ng	98
40) Hexachlorocyclopentadiene	8.79	237	28297	25.161	ng	95

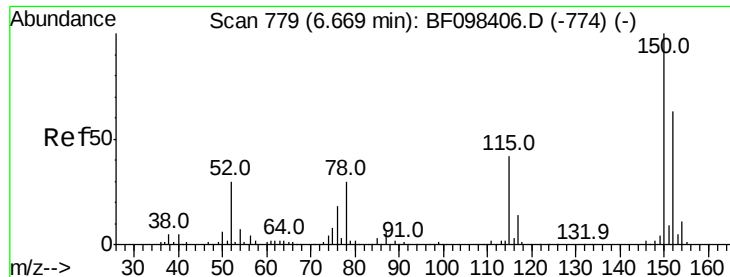
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	170977	52.652	nq	97
43) 2,4,5-Trichlorophenol	8.97	196	166919	49.178	nq	# 87
45) 1,1'-Biphenyl	9.10	154	717088	45.140	nq	98
46) 2-Chloronaphthalene	9.13	162	533690	47.041	nq	# 93
47) 2-Nitroaniline	9.23	65	192680	44.249	nq	97
48) Acenaphthylene	9.54	152	727868	43.149	nq	99
49) Dimethylphthalate	9.41	163	798394	58.113	nq	100
50) 2,6-Dinitrotoluene	9.47	165	136228	48.272	nq	# 66
51) Acenaphthene	9.71	154	481966	44.948	nq	98
52) 3-Nitroaniline	9.65	138	99100	29.090	nq	97
53) 2,4-Dinitrophenol	9.76	184	55237	45.520	nq	# 82
54) Dibenzofuran	9.88	168	682573	48.319	nq	95
55) 4-Nitrophenol	9.83	139	139489	71.270	nq	# 37
56) 2,4-Dinitrotoluene	9.88	165	166590	48.556	nq	# 41
57) Fluorene	10.23	166	523771	44.796	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	124479	54.571	nq	# 91
59) Diethylphthalate	10.10	149	613781	46.976	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	268925	49.796	nq	92
61) 4-Nitroaniline	10.26	138	104328	30.325	nq	77
62) Azobenzene	10.37	77	566466	40.226	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	48443	30.698	nq	# 85
65) n-Nitrosodiphenylamine	10.34	169	472295	52.860	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	147706	56.558	nq	96
67) Hexachlorobenzene	10.77	284	137259	51.815	nq	# 85
68) Atrazine	10.87	200	138562	50.374	nq	98
69) Pentachlorophenol	10.97	266	111828	94.032	nq	96
70) Phenanthrene	11.19	178	692461	47.469	nq	100
71) Anthracene	11.23	178	697805	46.592	nq	98
72) Carbazole	11.39	167	574522	41.161	nq	99
73) Di-n-butylphthalate	11.72	149	869312	51.981	nq	99
74) Fluoranthene	12.37	202	633835	43.404	nq	95
77) Pyrene	12.59	202	634555	42.212	nq	99
79) Butylbenzylphthalate	13.21	149	313251	48.033	nq	# 80
80) Benzo(a)anthracene	13.78	228	528768	47.329	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	162159	37.348	nq	# 94
82) Chrysene	13.82	228	512606	45.390	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	464779	56.786	nq	98
84) Di-n-octyl phthalate	14.38	149	764809	54.463	nq	99
85) Indeno(1,2,3-cd)pyrene	16.53	276	399088	50.369	nq	# 92
87) Benzo(b)fluoranthene	14.80	252	522379	48.243	nq	97
88) Benzo(k)fluoranthene	14.82	252	458973	45.404	nq	# 92
89) Benzo(a)pyrene	15.13	252	452843	46.943	nq	97
90) Dibenzo(a,h)anthracene	16.53	278	348692	49.690	nq	96
91) Benzo(g,h,i)perylene	16.93	276	315456	44.694	nq	# 87

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

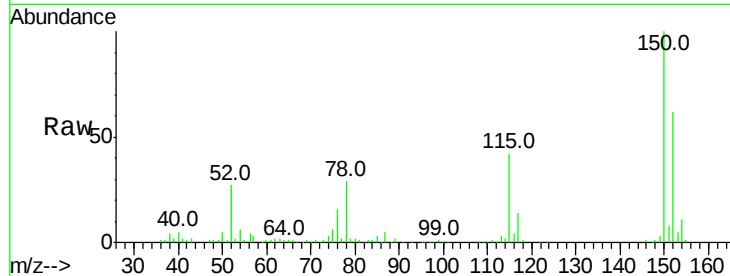


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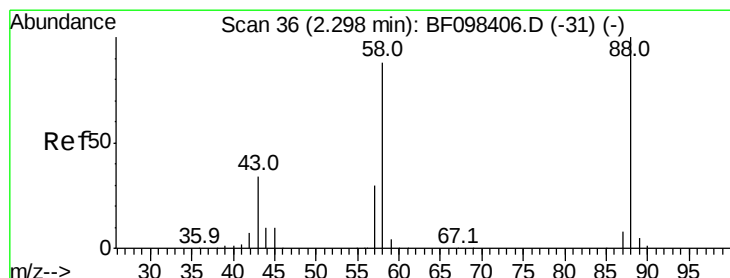
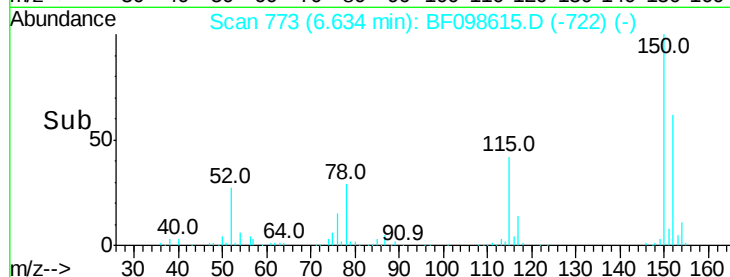
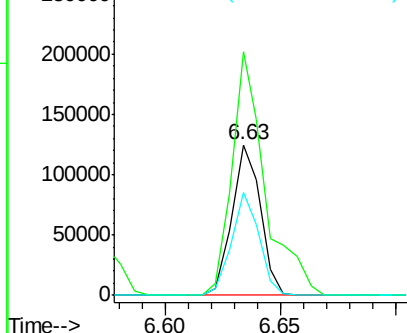
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106843
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 68.7 52.2 78.2



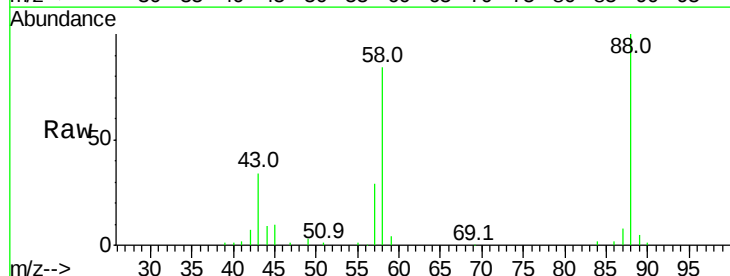
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



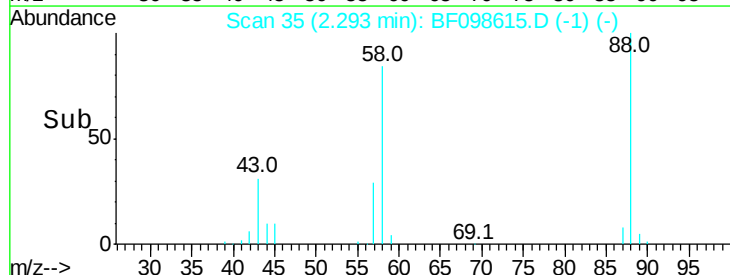
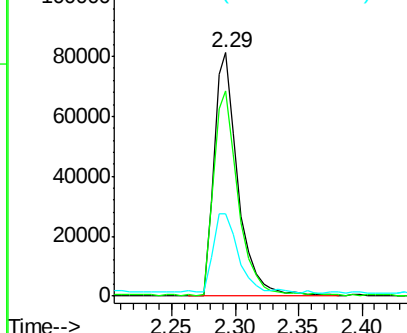
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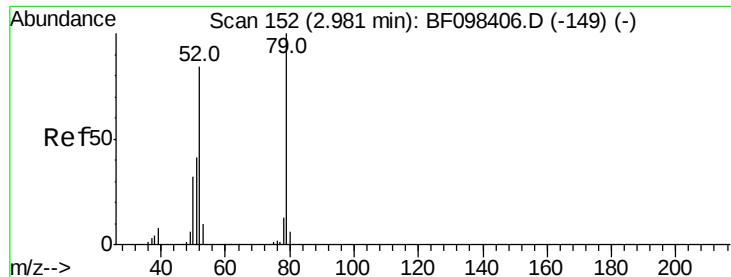
1,4-Dioxane
Concen: 28.799 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.05 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion: 88 Resp: 107415
Ion Ratio Lower Upper
88 100
58 87.8 61.4 92.0
43 34.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.893 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.07 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

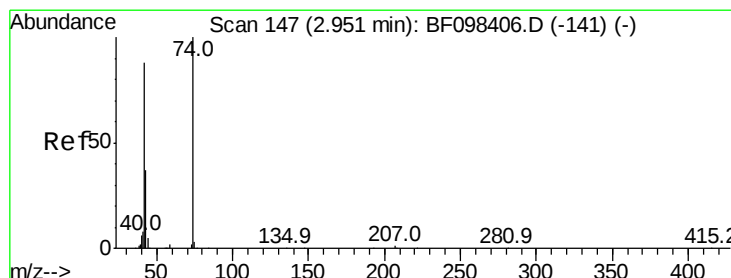
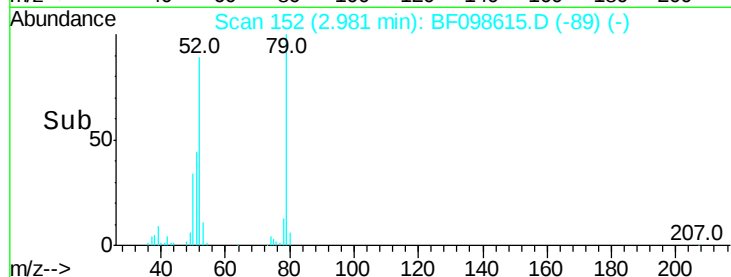
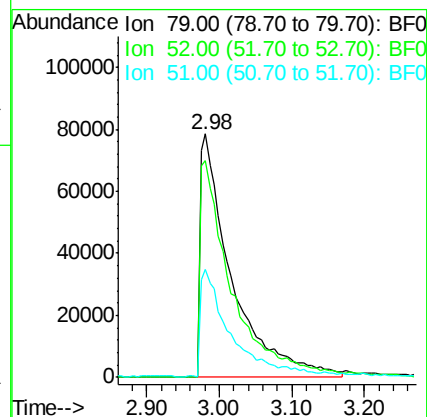
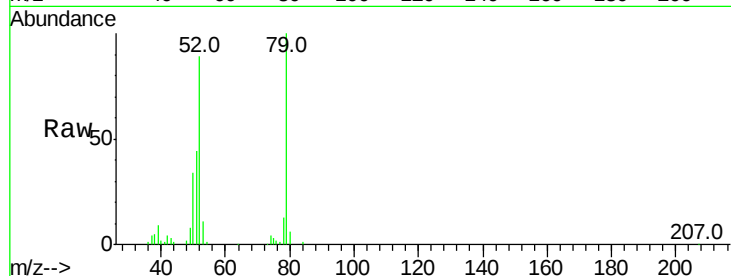
Tot Ion: 79 Resp: 236663

Ion Ratio Lower Upper

79 100

52 89.2 54.8 82.2#

51 44.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.338 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.05 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

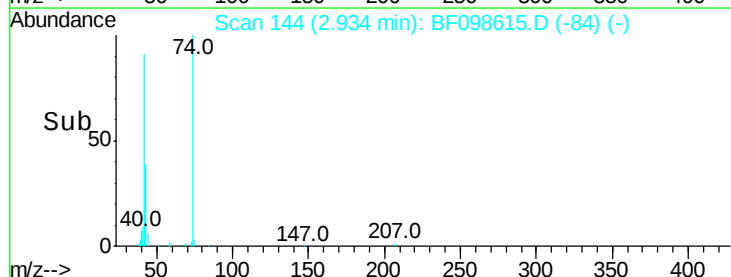
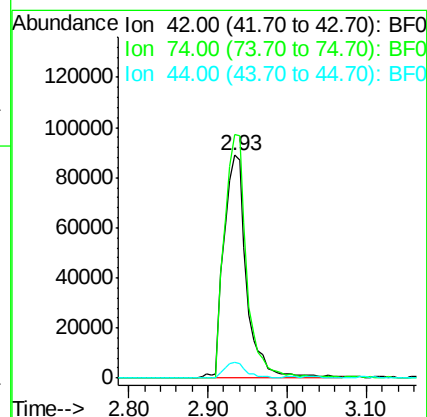
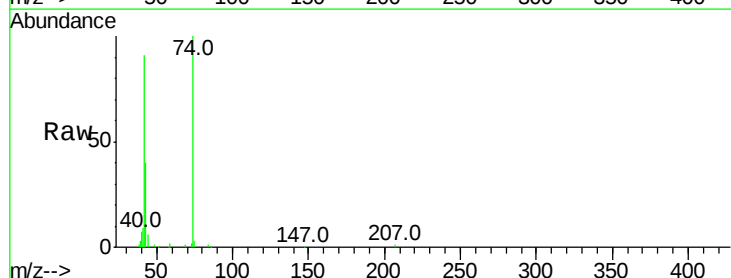
Tgt Ion: 42 Resp: 176459

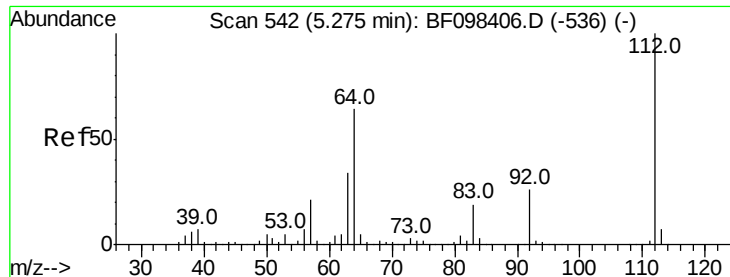
Ion Ratio Lower Upper

42 100

74 109.4 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 119.805 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.02 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :

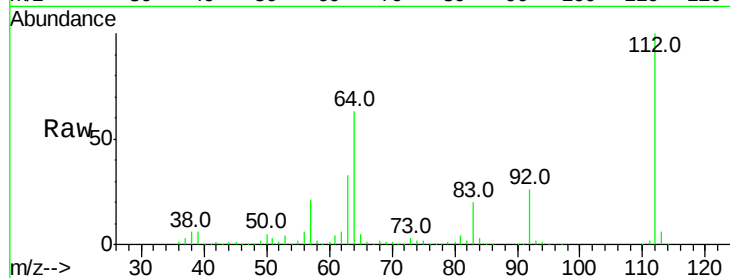
Tot Ion: 112 Resp: 865748

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

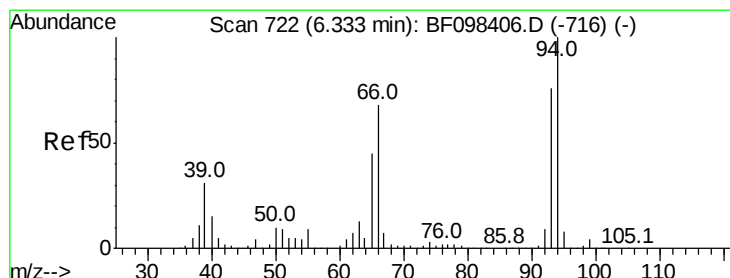
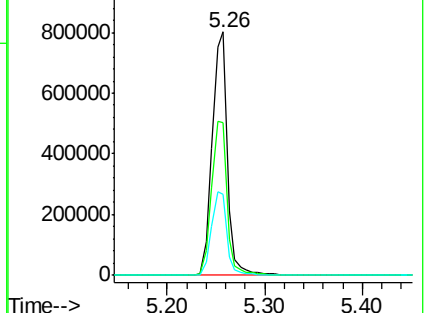
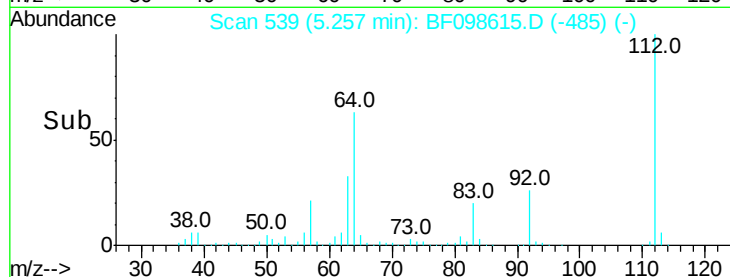
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.464 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

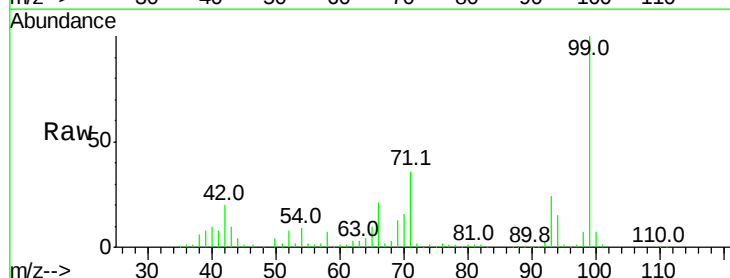
Tgt Ion: 93 Resp: 270076

Ion Ratio Lower Upper

93 100

66 85.3 32.9 49.3#

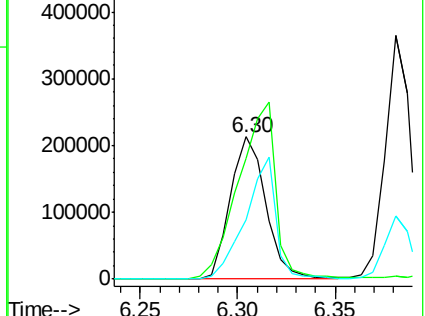
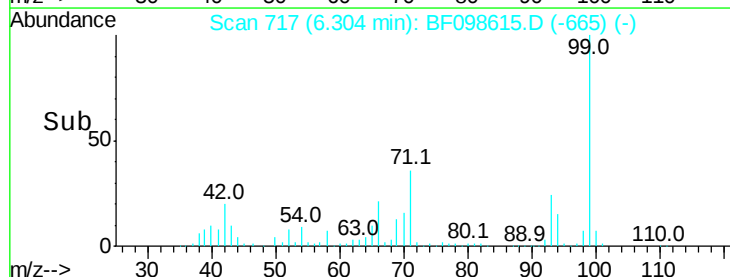
65 41.6 16.0 24.0#

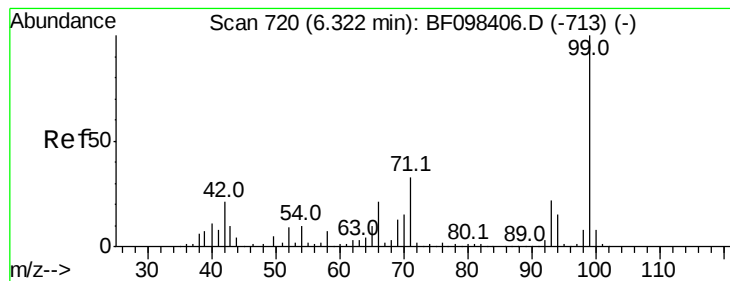


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.255 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

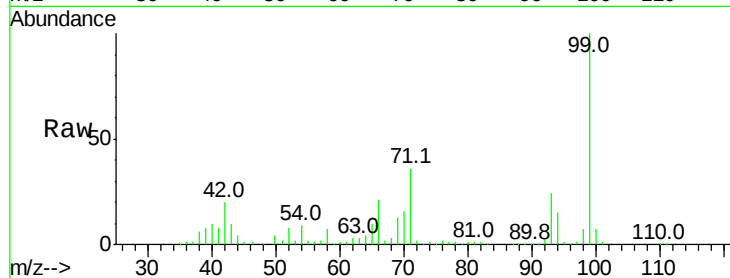
Tot Ion: 99 Resp: 1057464

Ion Ratio Lower Upper

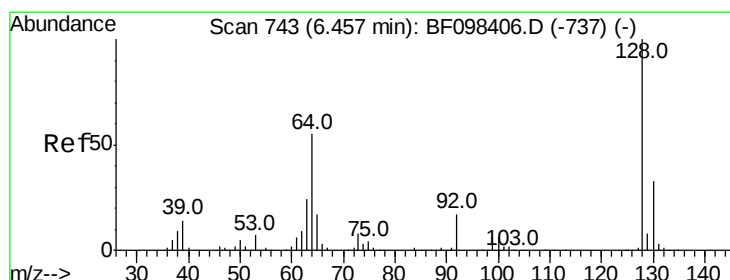
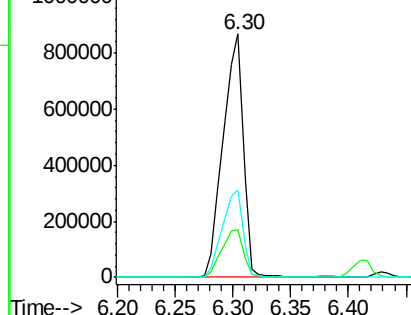
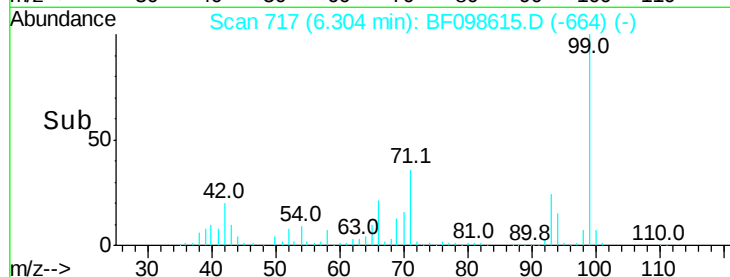
99 100

42 19.7 13.5 20.3

71 35.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.572 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

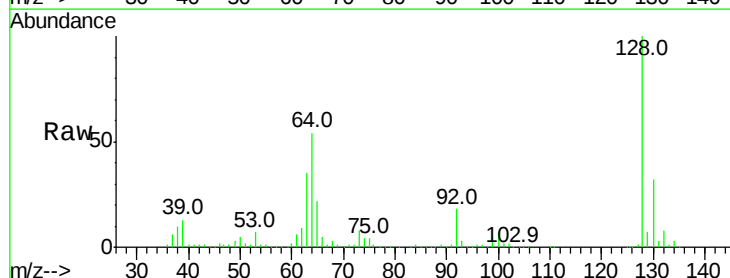
Tgt Ion: 128 Resp: 338284

Ion Ratio Lower Upper

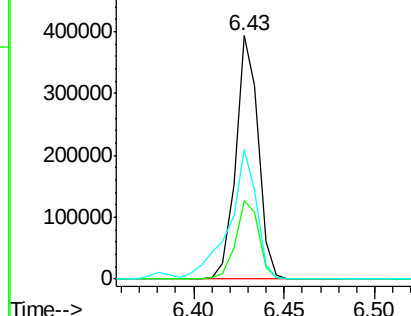
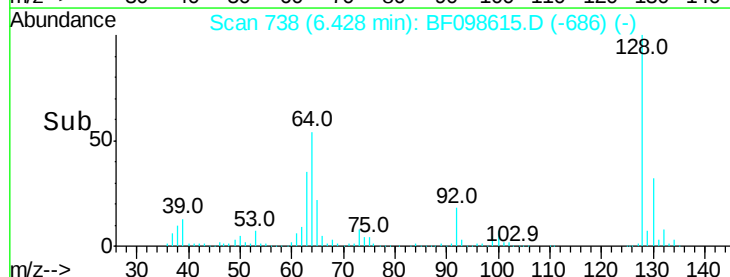
128 100

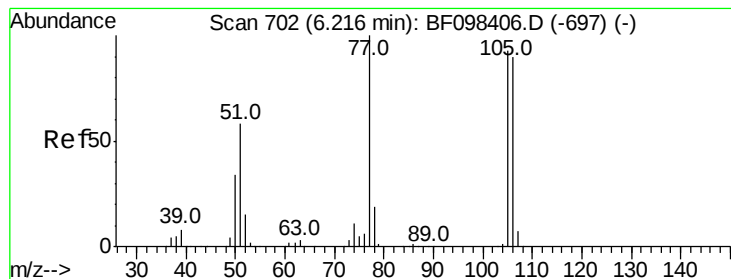
130 32.3 12.9 52.9

64 53.5 28.4 68.4



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): BF0





#9

Benzaldehyde

Concen: 23.891 ng

RT: 6.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

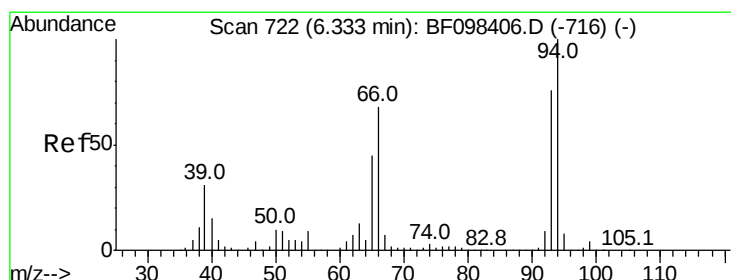
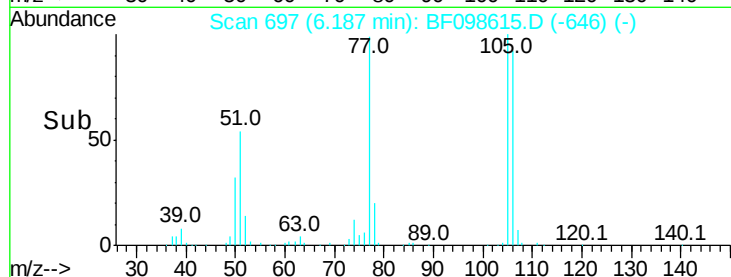
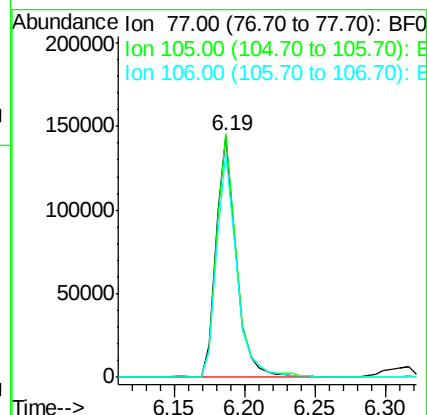
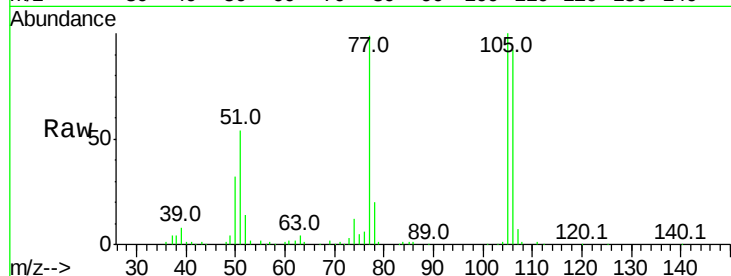
Tot Ion: 77 Resp: 143295

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

106 93.0 79.1 119.1



#10

Phenol

Concen: 41.243 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

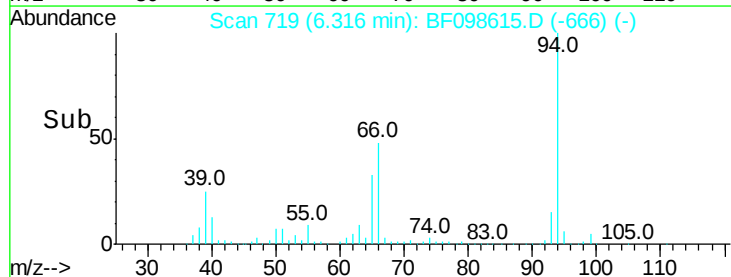
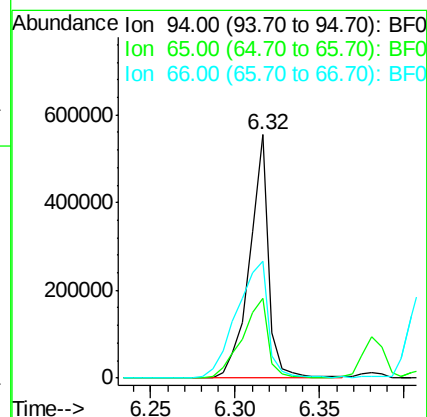
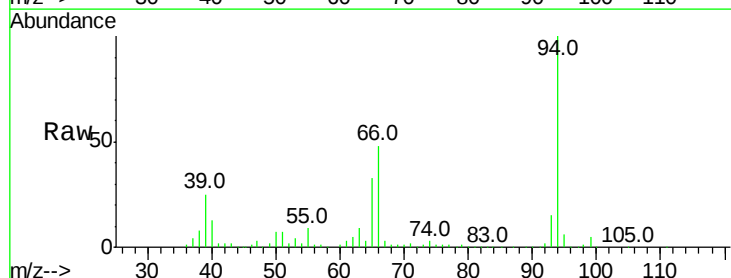
Tgt Ion: 94 Resp: 439523

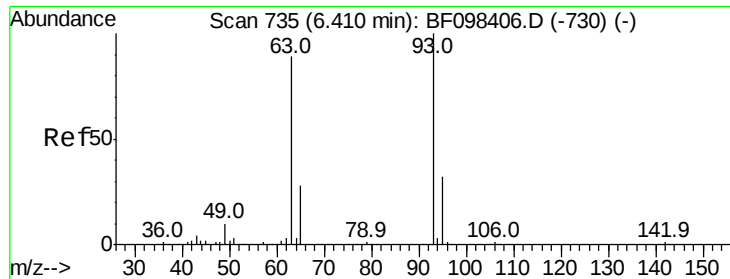
Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

66 47.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.241 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

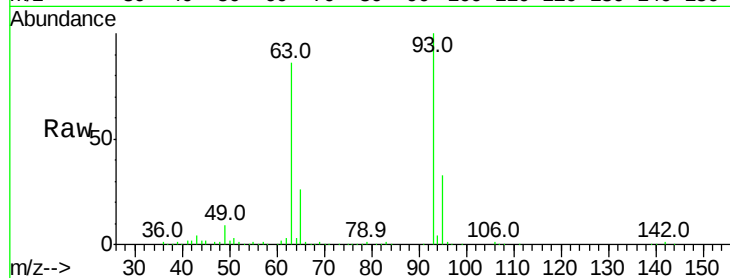
Tot Ion: 93 Resp: 323338

Ion Ratio Lower Upper

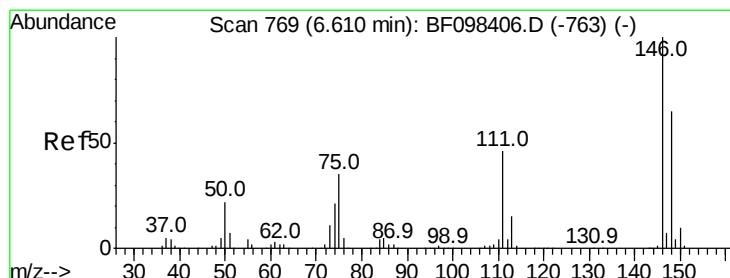
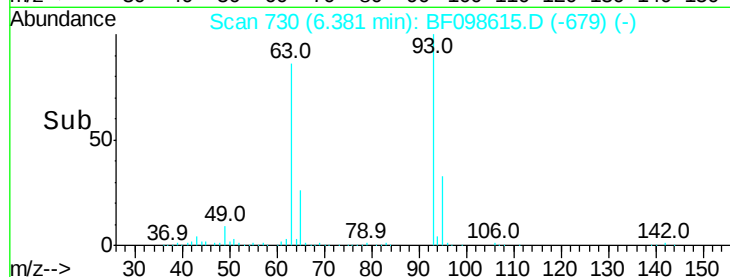
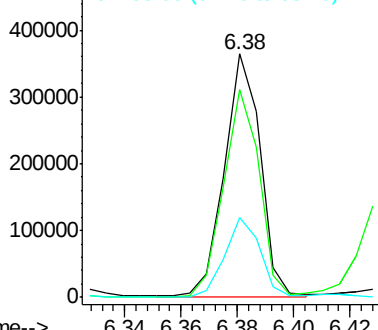
93 100

63 85.6 59.2 99.2

95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.510 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

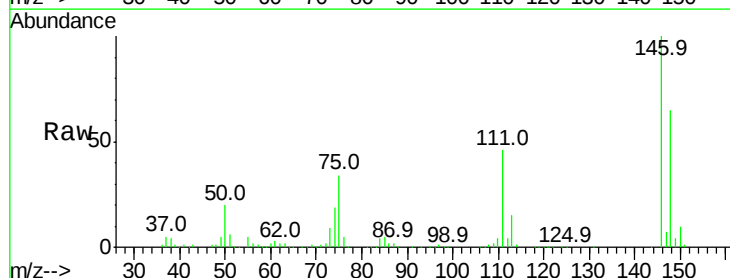
Tgt Ion: 146 Resp: 323999

Ion Ratio Lower Upper

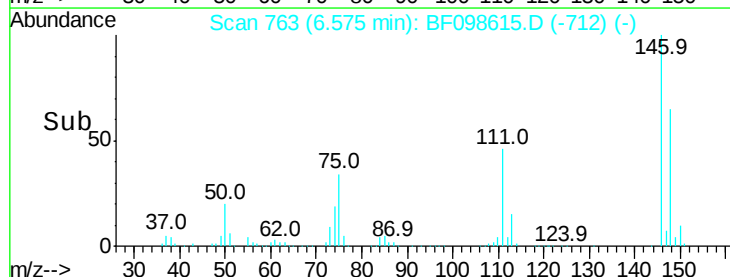
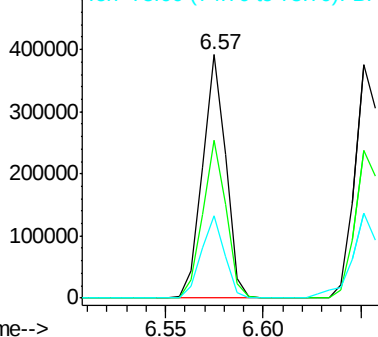
146 100

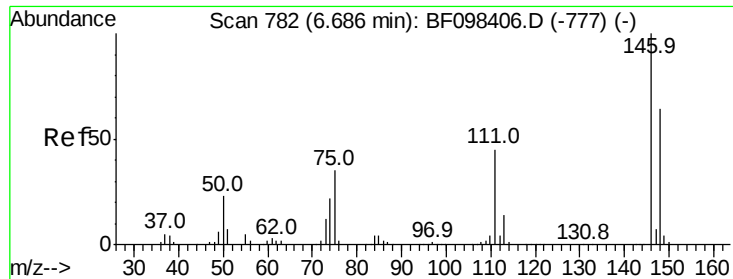
148 64.7 51.8 77.6

75 33.6 23.1 34.7



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): BF0

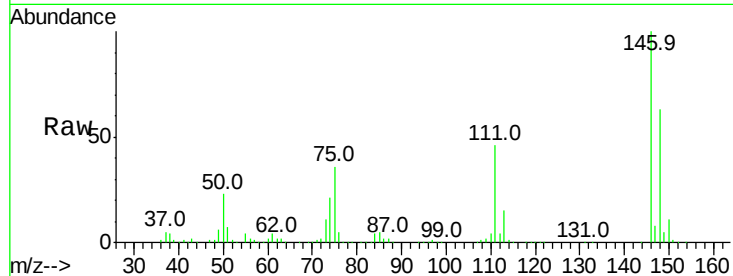




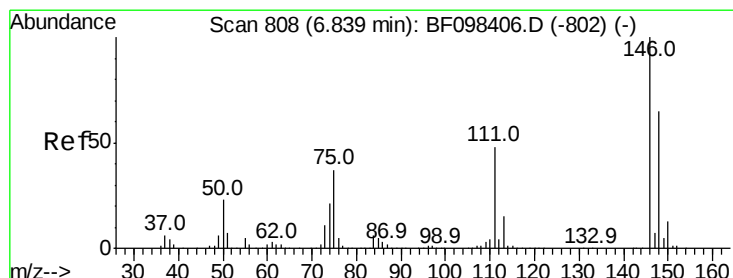
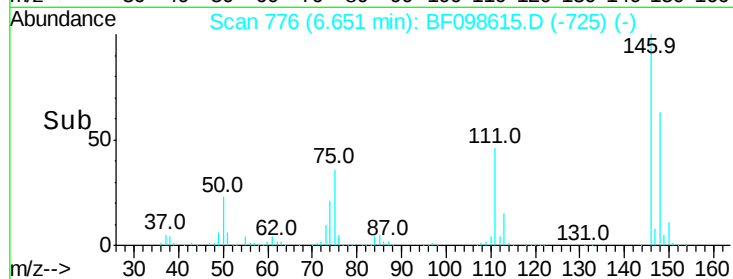
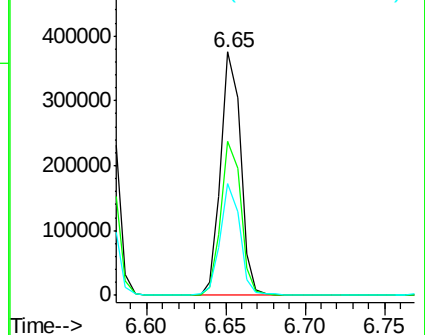
#13
 1,4-Dichlorobenzene
 Concen: 40.165 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 329051
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 46.2 30.3 45.5#

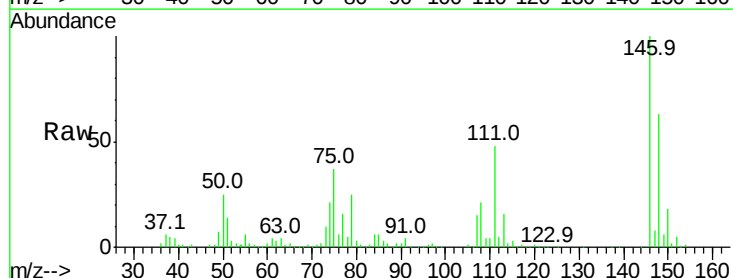


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

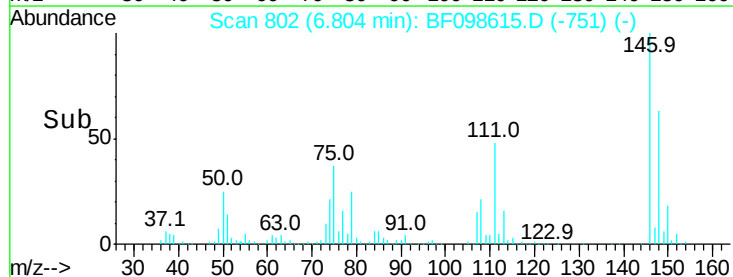
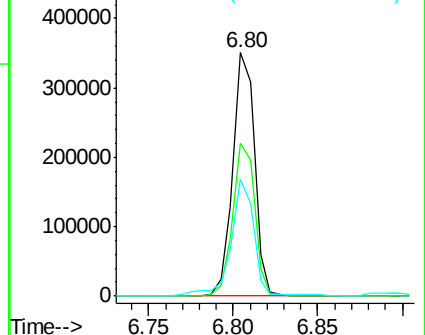


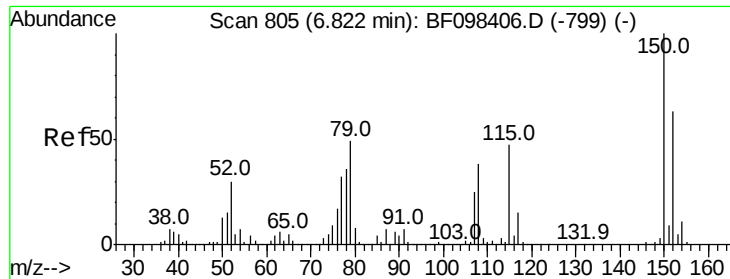
#14
 1,2-Dichlorobenzene
 Concen: 41.949 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:146 Resp: 313095
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.4 75.6
 111 48.3 38.2 57.4



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

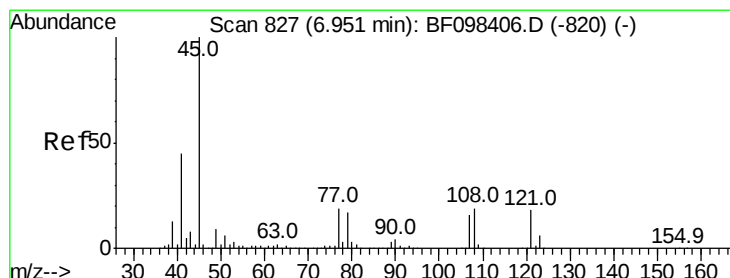
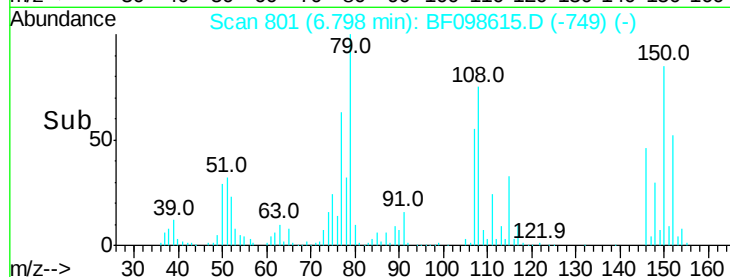
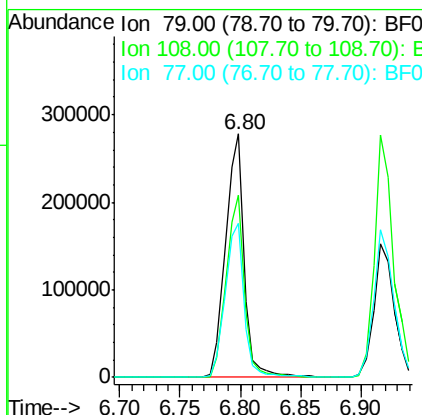
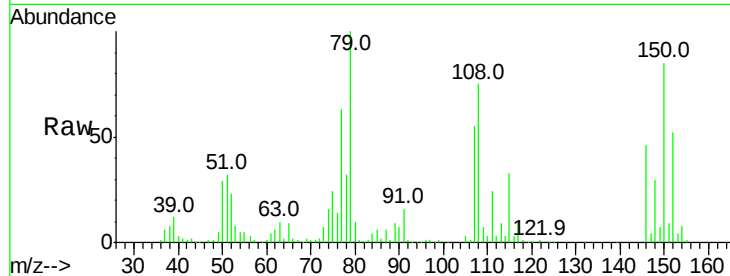




#15
Benzyl Alcohol
Concen: 48.669 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

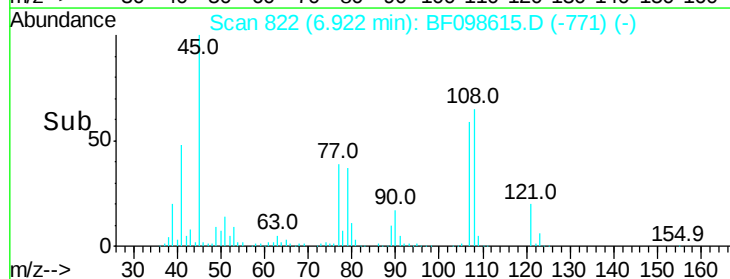
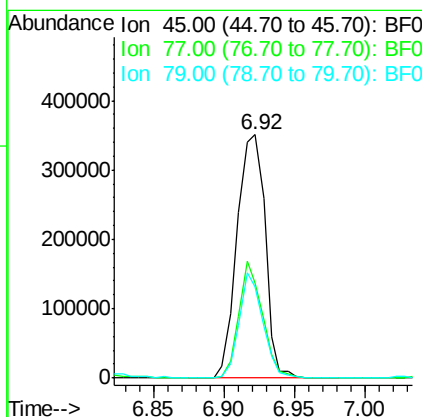
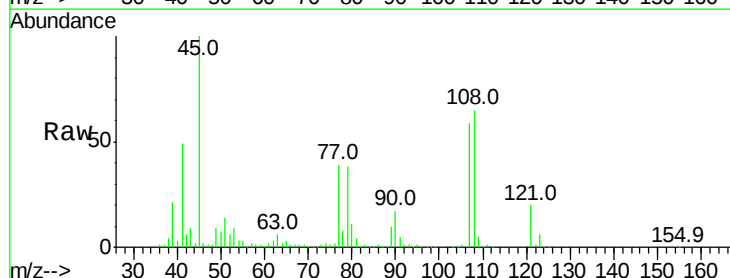
Instrument :
BNA_F
ClientSampled :

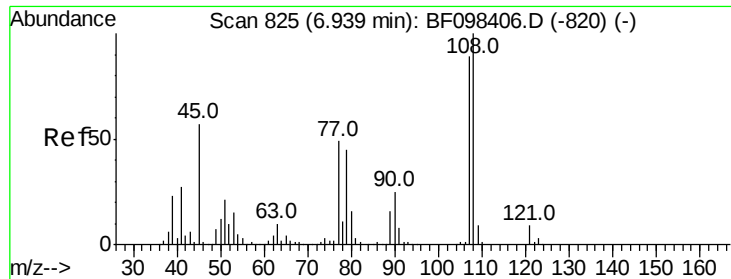
Tot Ion: 79 Resp: 297183
Ion Ratio Lower Upper
79 100
108 74.8 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.987 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion: 45 Resp: 488978
Ion Ratio Lower Upper
45 100
77 39.2 0.0 33.2#
79 37.6 0.0 30.0#

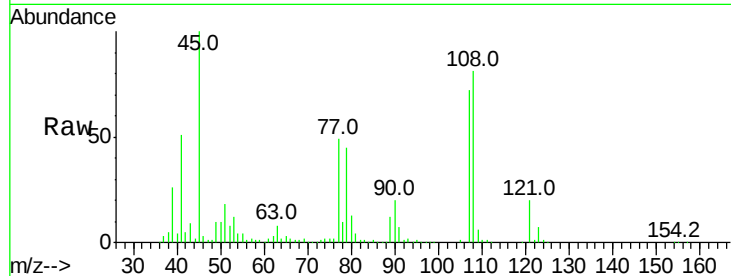




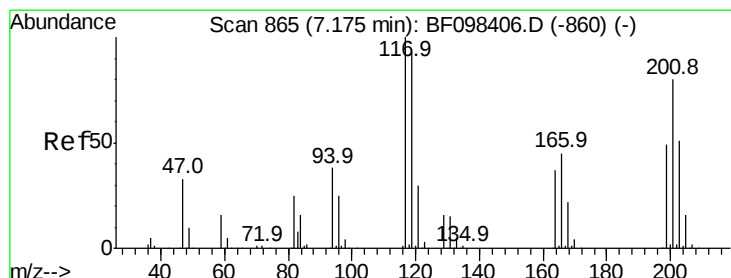
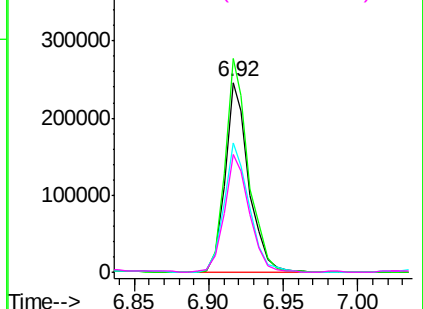
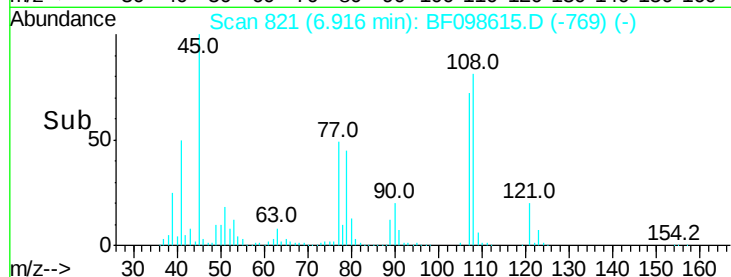
#17
2-Methylphenol
Concen: 42.342 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 274362
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 68.1 35.8 53.6#
79 61.9 34.8 52.2#

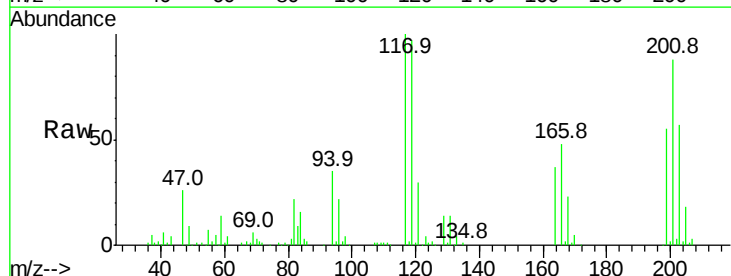


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

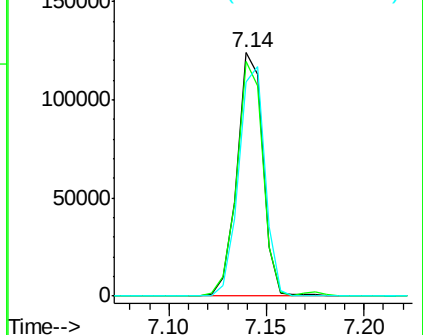
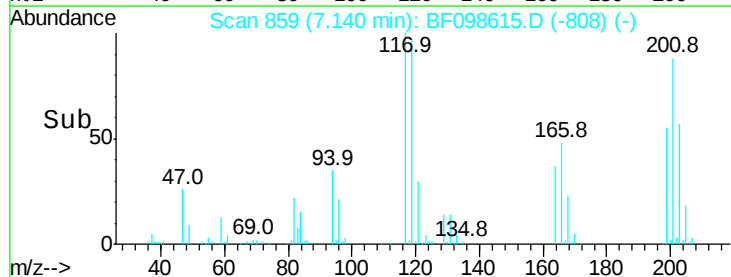


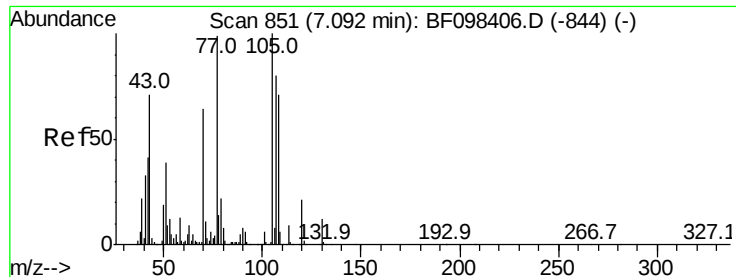
#18
Hexachloroethane
Concen: 36.443 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:117 Resp: 114339
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 88.1 94.6 141.8#



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

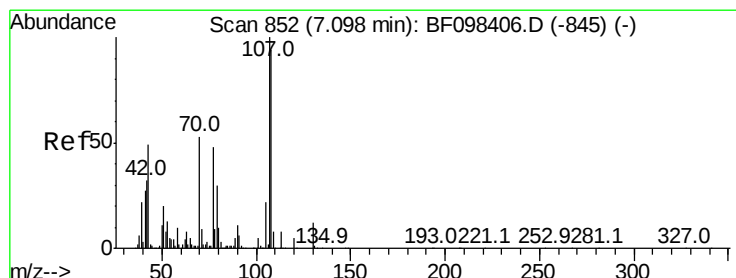
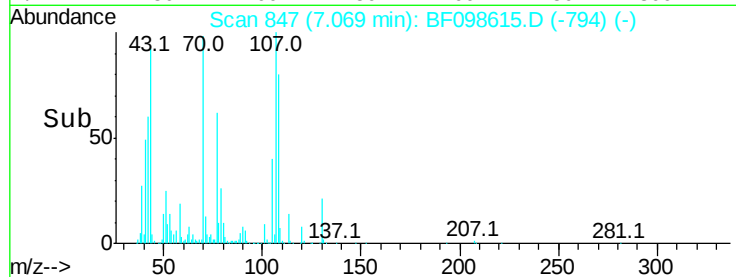
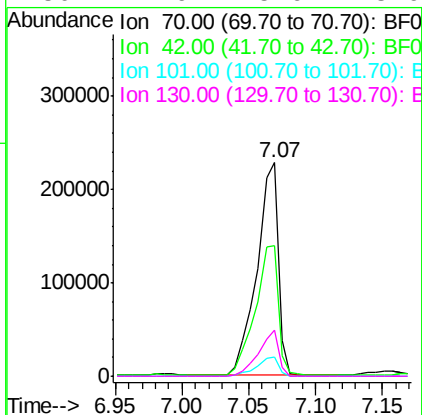
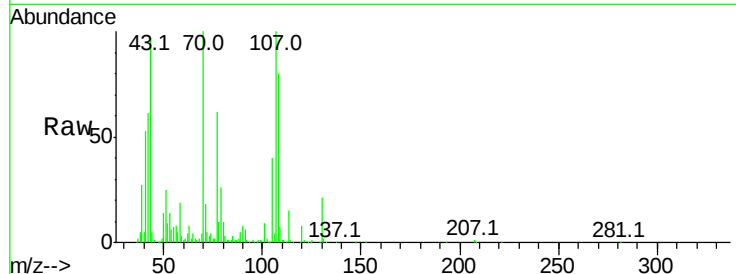




#19
n-Nitroso-di-n-propylamine
Concen: 43.746 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

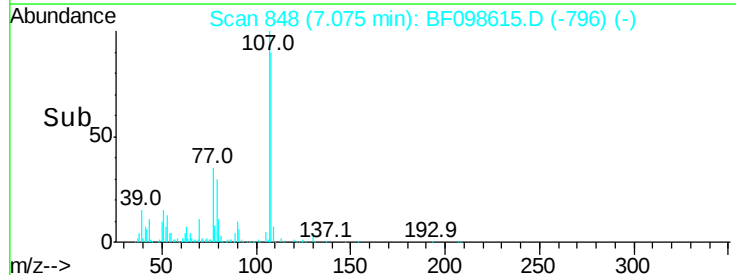
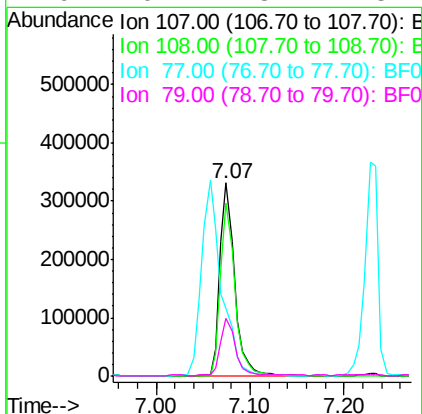
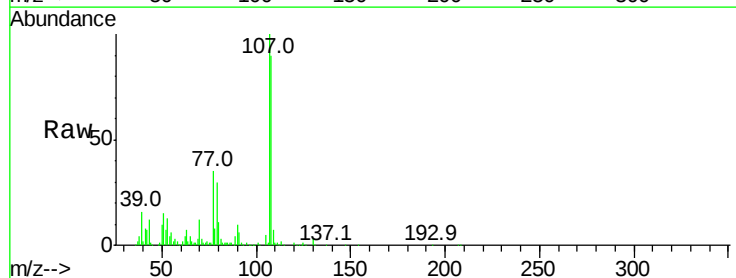
Instrument :
BNA_F
ClientSampleId :

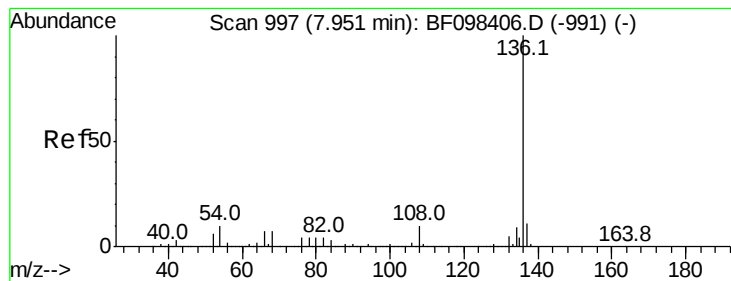
Tot Ion:	70	Resp:	252468
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.2	70.8
101	9.1	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.848 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:	107	Resp:	366723
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	35.4	90.5	130.5#
79	29.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418537

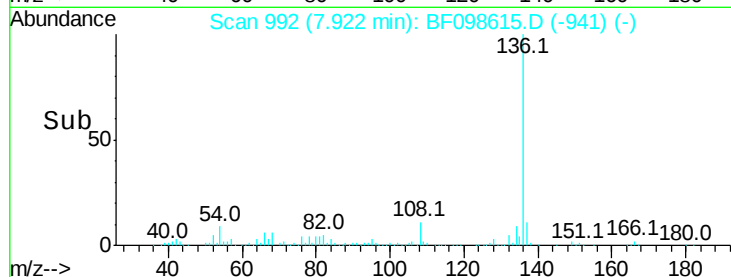
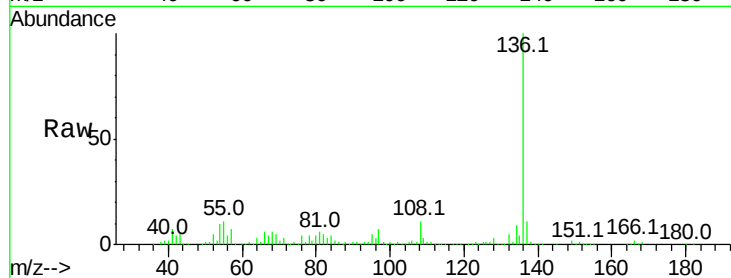
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.0 4.9 7.3#

68 6.3 4.1 6.1#

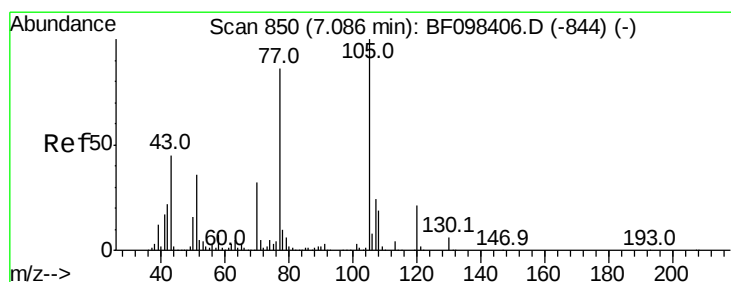
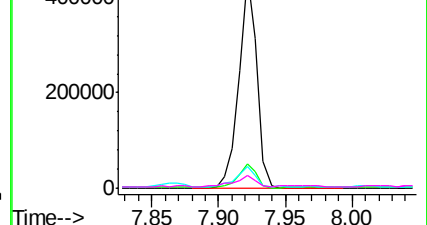


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.293 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:105 Resp: 489953

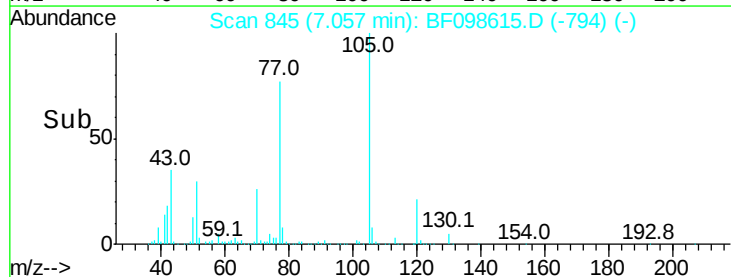
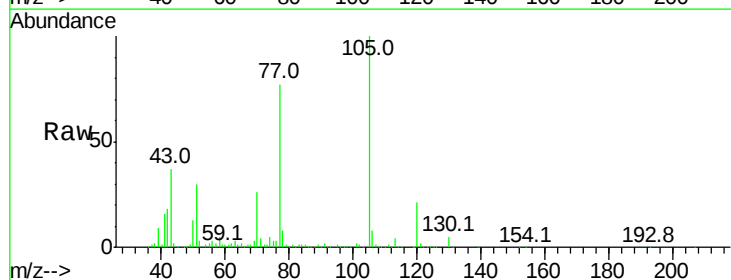
Ion Ratio Lower Upper

105 100

71 4.3 2.8 4.2#

51 29.7 30.7 46.1#

120 20.8 17.4 26.0

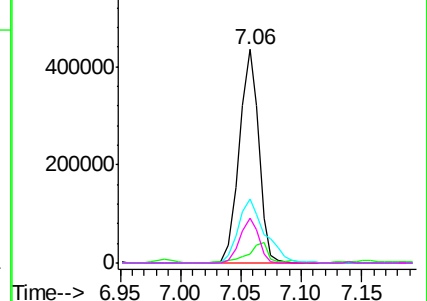


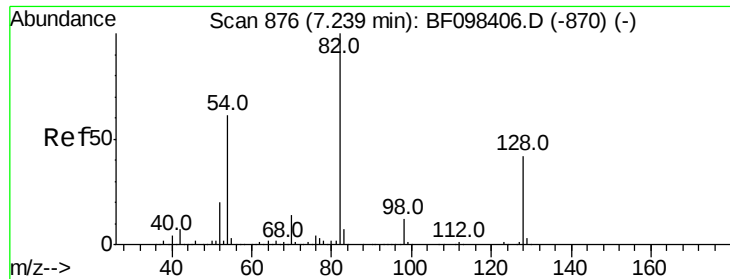
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

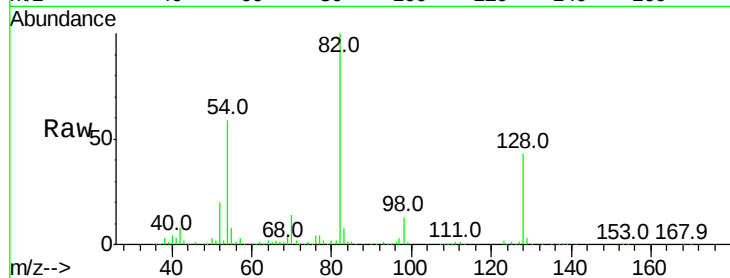




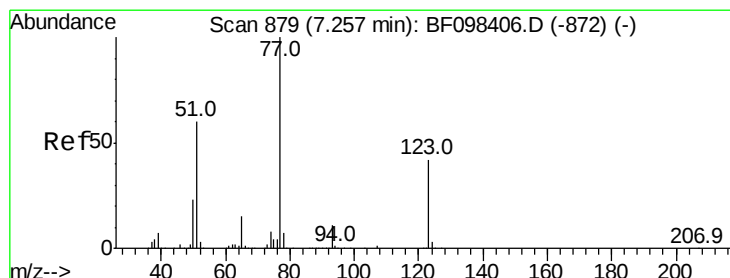
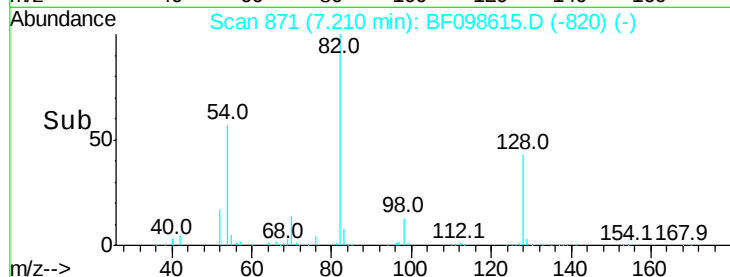
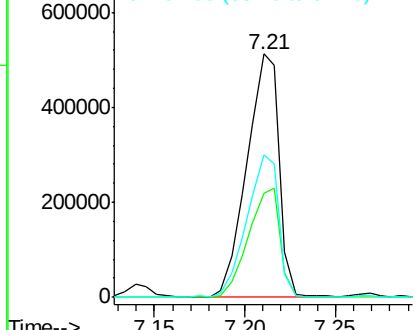
#23
Nitrobenzene-d5
Concen: 83.707 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 628425
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 58.5 42.2 63.2

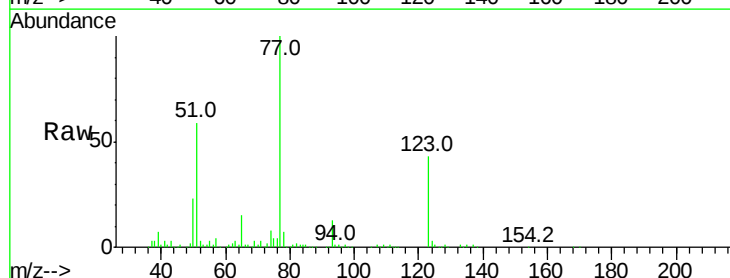


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

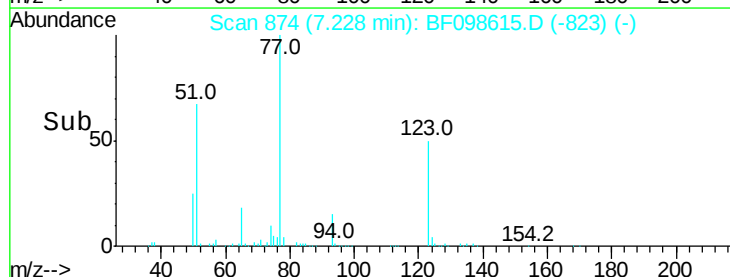
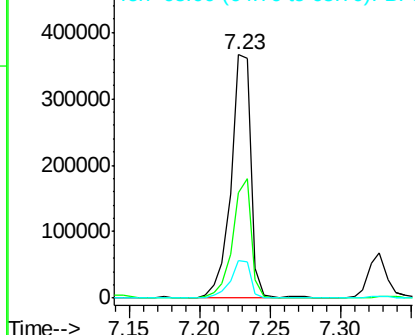


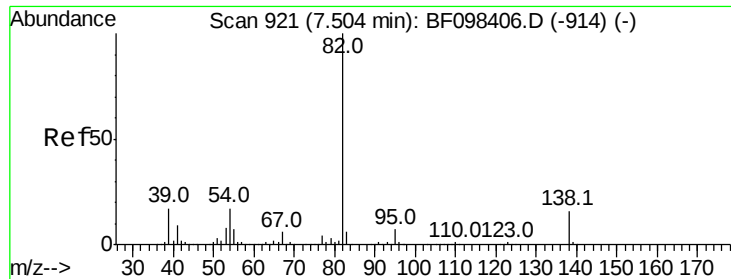
#24
Nitrobenzene
Concen: 41.755 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion: 77 Resp: 357064
Ion Ratio Lower Upper
77 100
123 43.2 35.8 53.8
65 15.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.978 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

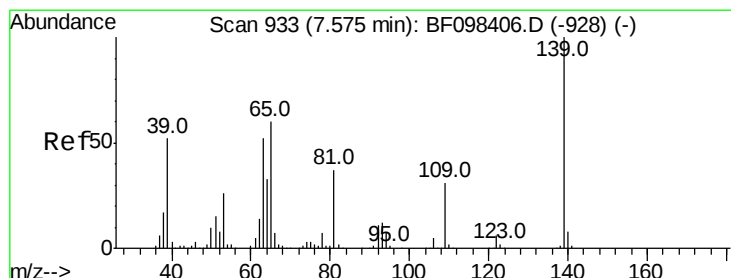
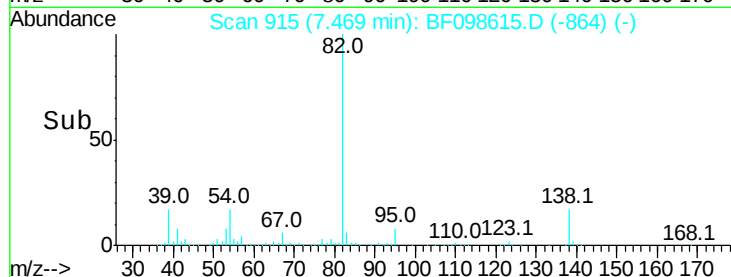
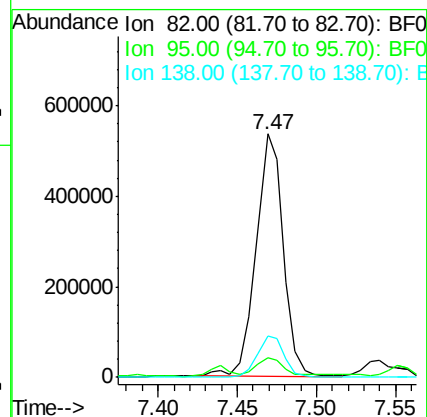
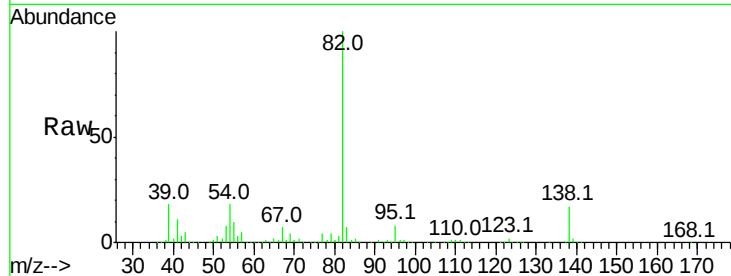
Tot Ion: 82 Resp: 637624

Ion Ratio Lower Upper

82 100

95 8.3 5.3 7.9#

138 17.0 13.1 19.7



#26

2-Nitrophenol

Concen: 49.762 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

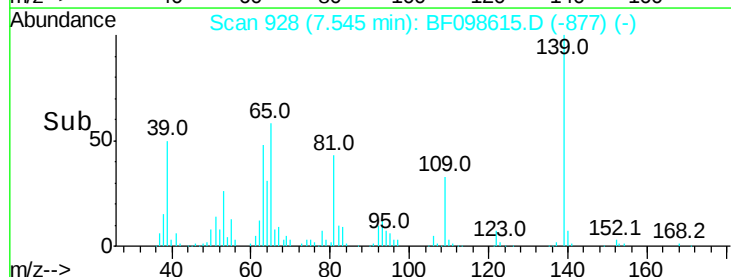
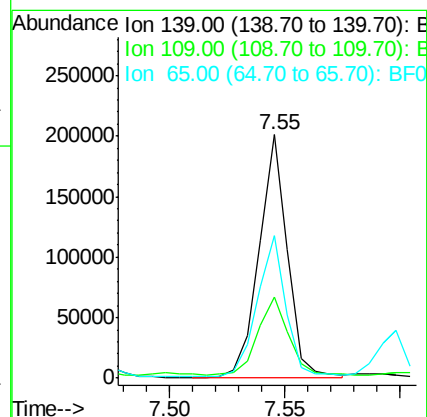
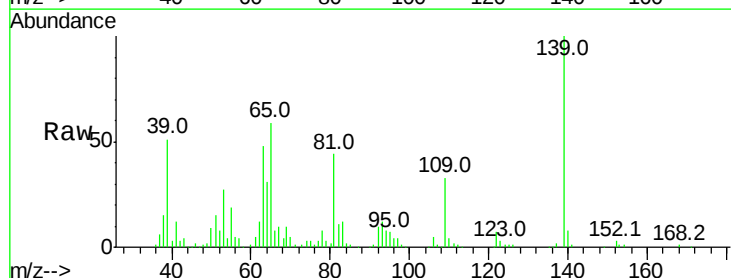
Tgt Ion: 139 Resp: 171815

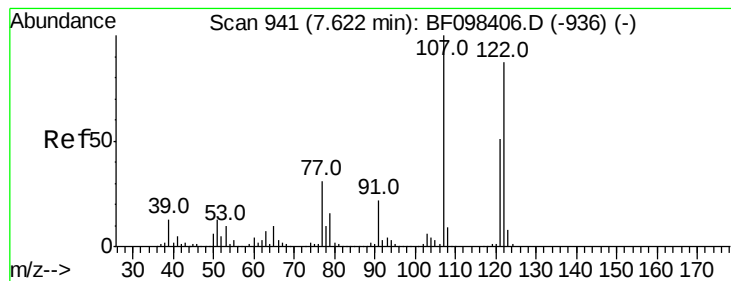
Ion Ratio Lower Upper

139 100

109 33.1 21.0 31.6#

65 58.7 33.0 49.6#

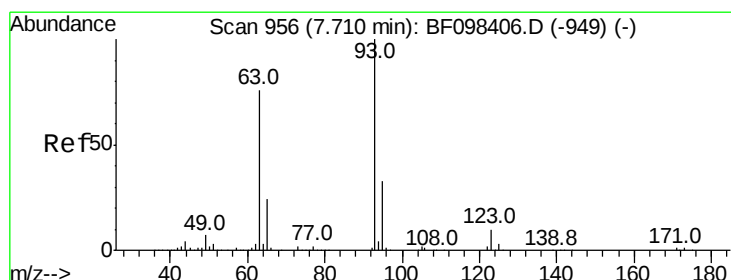
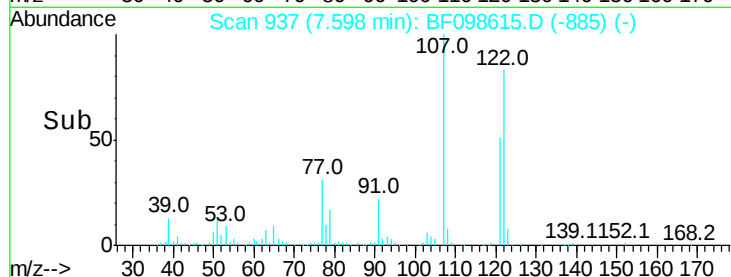
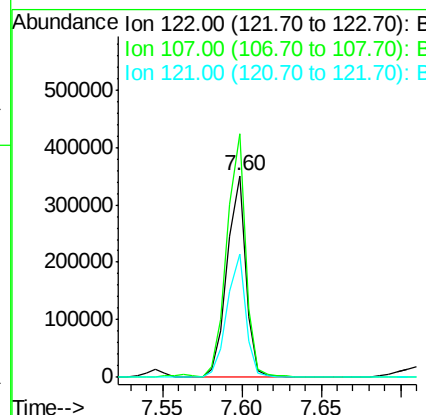
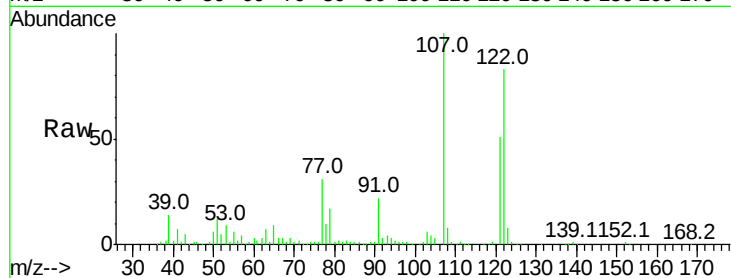




#27
 2,4-Dimethylphenol
 Concen: 43.598 ng
 RT: 7.60 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

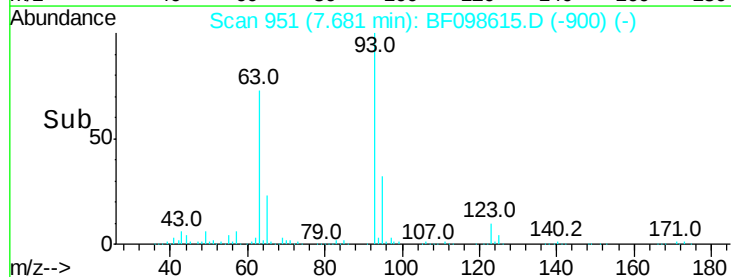
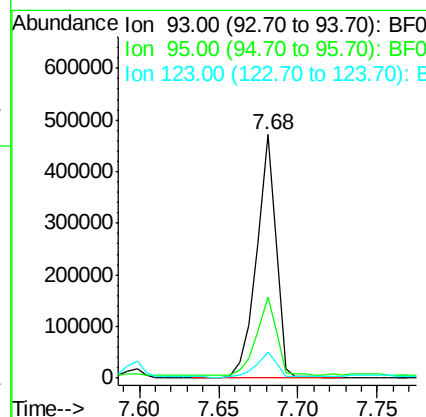
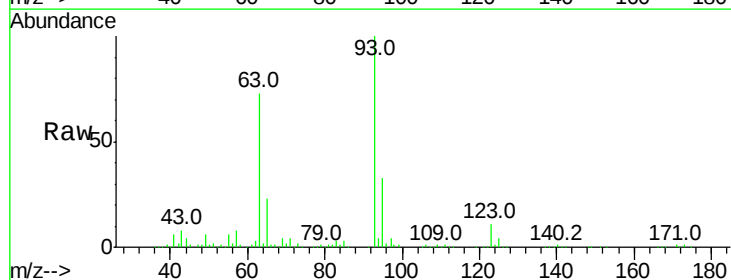
Instrument :
 BNA_F
 ClientSampleId :

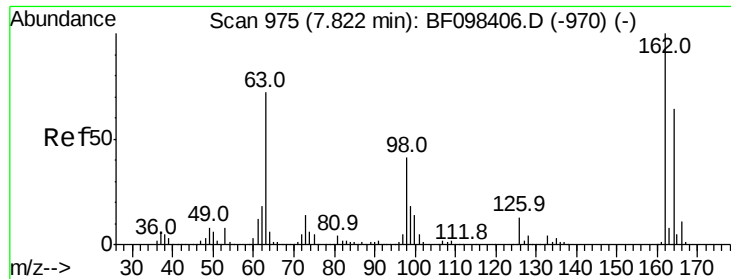
Tot Ion:122 Resp: 286961
 Ion Ratio Lower Upper
 122 100
 107 120.6 89.2 133.8
 121 61.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.383 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion: 93 Resp: 402097
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 10.6 9.0 13.4

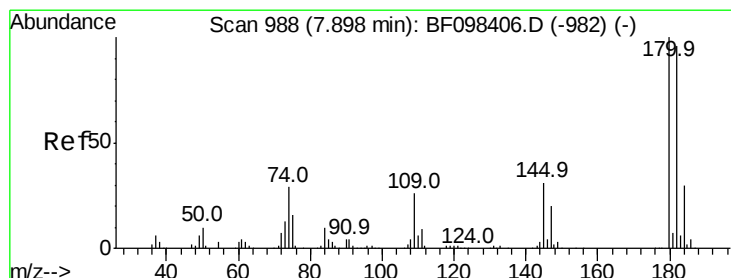
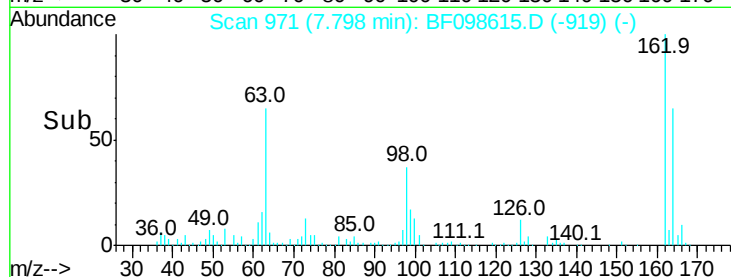
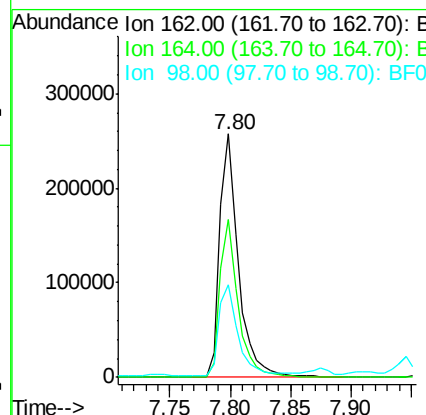
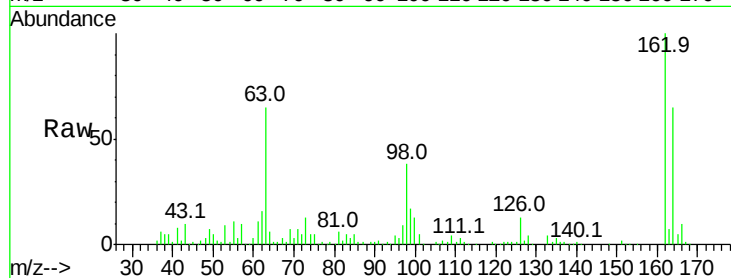




#29
2,4-Dichlorophenol
Concen: 50.154 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

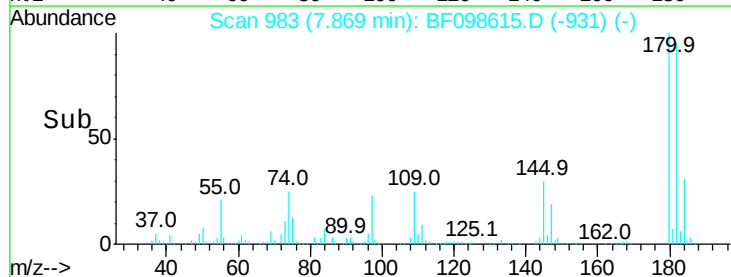
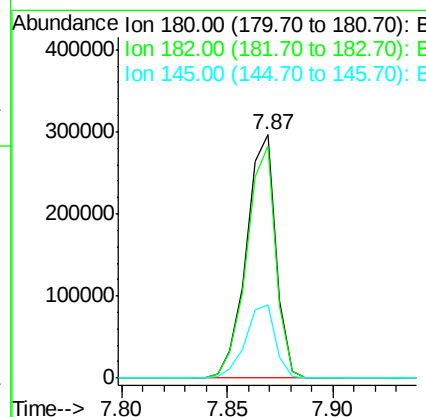
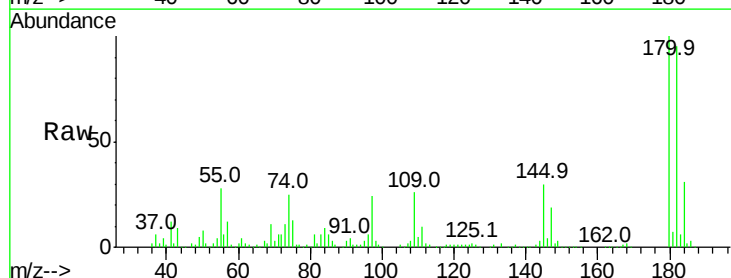
Instrument :
BNA_F
ClientSampleId :

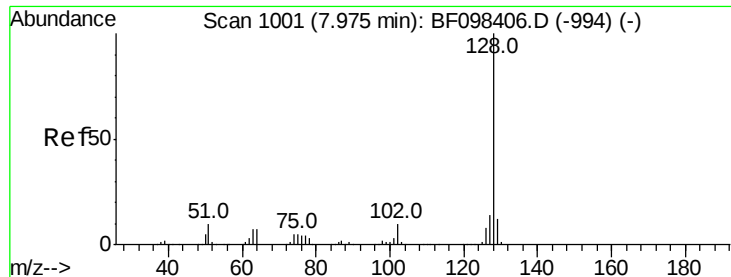
Tot Ion:162 Resp: 274545
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 37.9 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 48.254 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:180 Resp: 287339
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 30.3 25.3 37.9

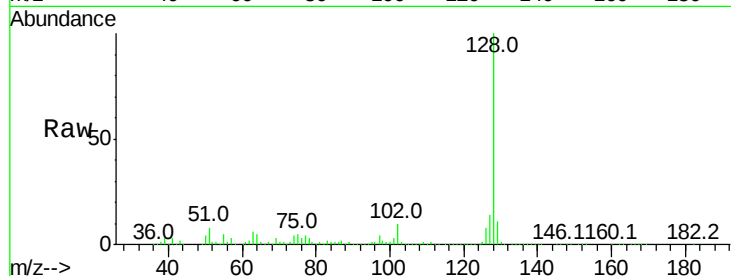




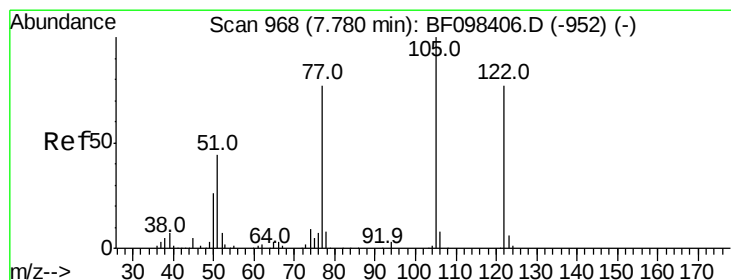
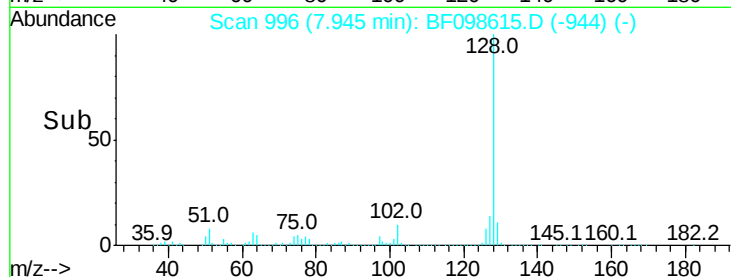
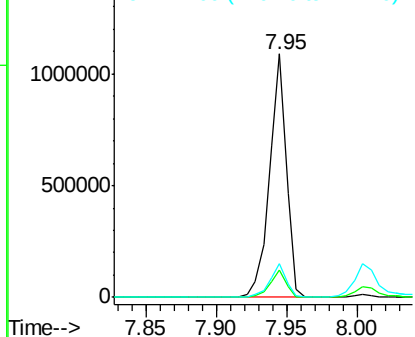
#31
Naphthalene
Concen: 44.526 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 921264
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.8 16.2

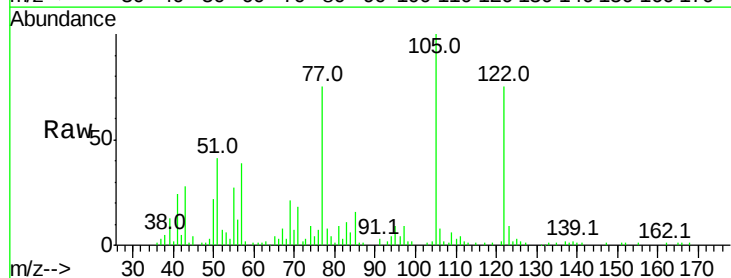


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

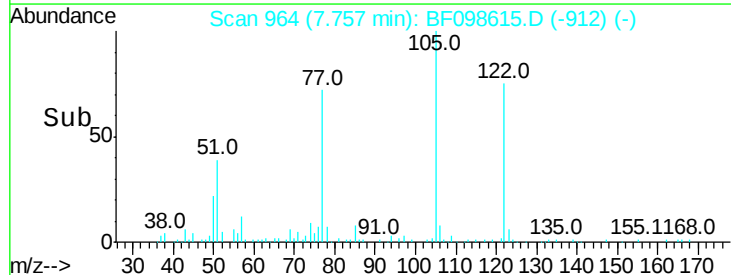
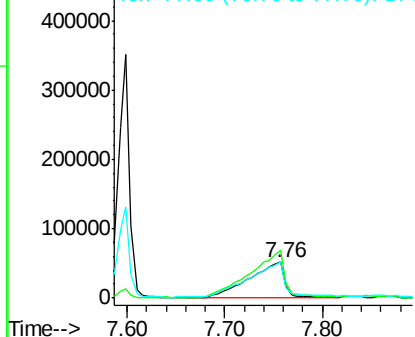


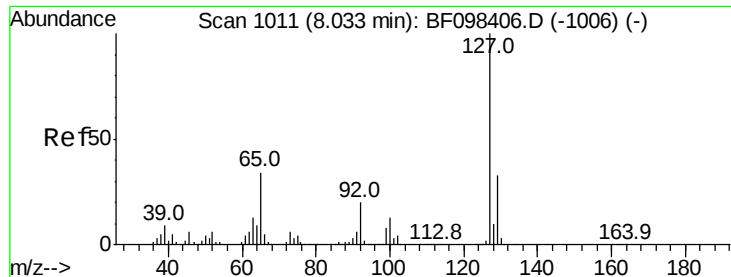
#32
Benzoic acid
Concen: 33.221 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:122 Resp: 133688
Ion Ratio Lower Upper
122 100
105 134.2 103.3 143.3
77 100.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

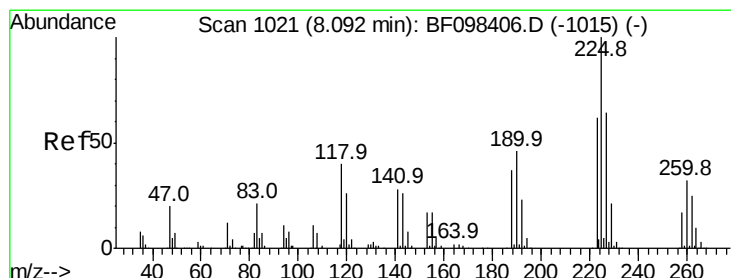
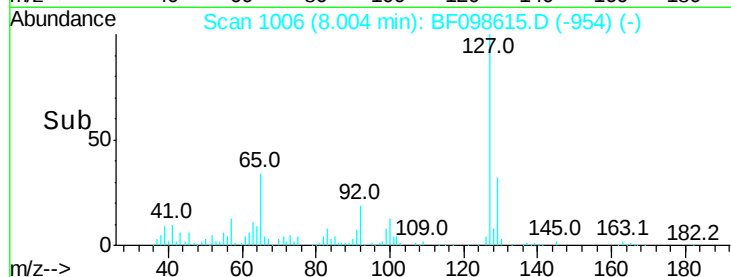
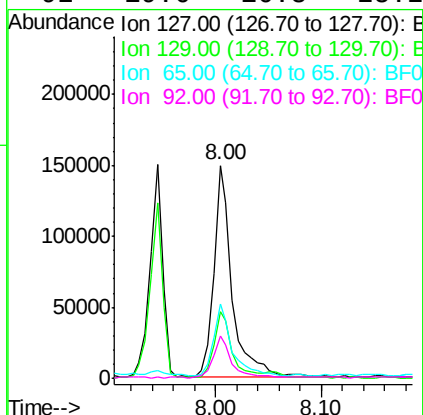
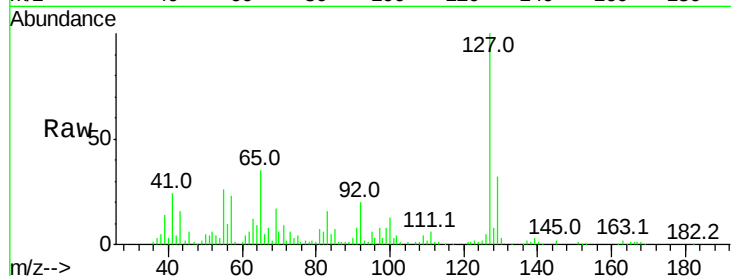




#33
4-Chloroaniline
Concen: 21.956 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

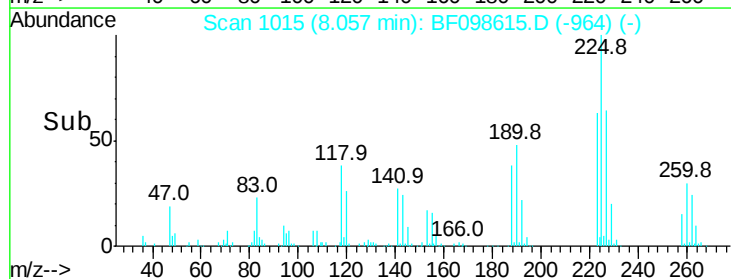
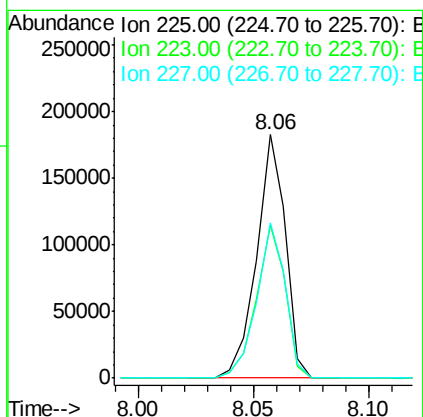
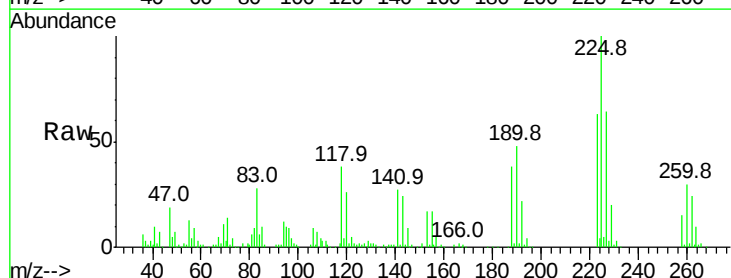
Instrument :
BNA_F
ClientSampleId :

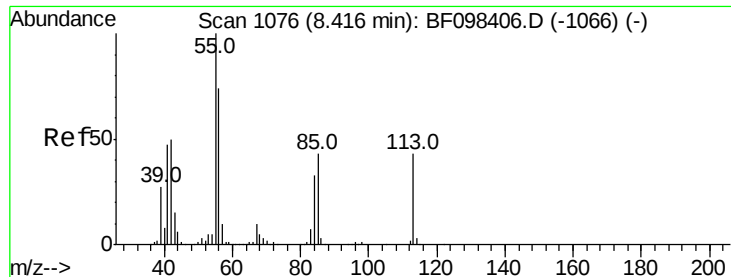
Tot Ion:	127	Resp:	184626
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	35.2	27.8	41.8
92	19.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 52.258 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:	225	Resp:	159749
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	63.9	51.1	76.7





#35

Caprolactam

Concen: 28.611 ng

RT: 8.39 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

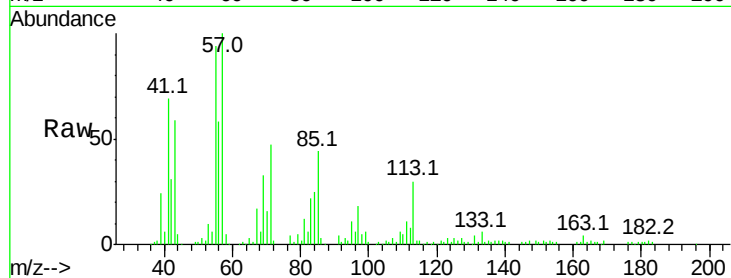
Tot Ion:113 Resp: 54008

Ion Ratio Lower Upper

113 100

55 317.5 150.2 190.2#

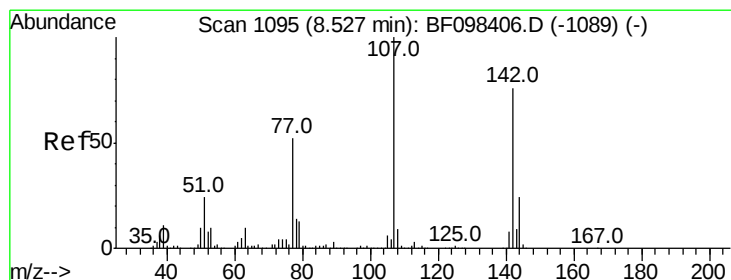
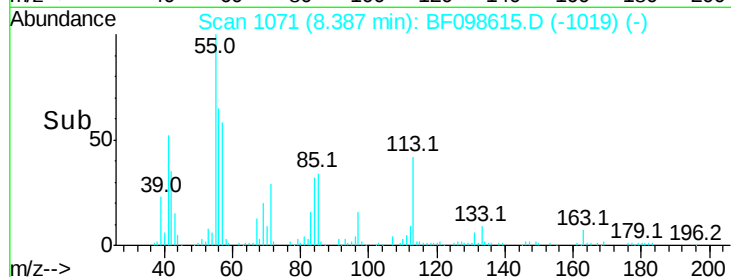
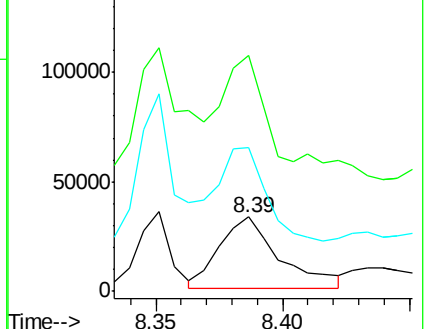
56 194.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.415 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

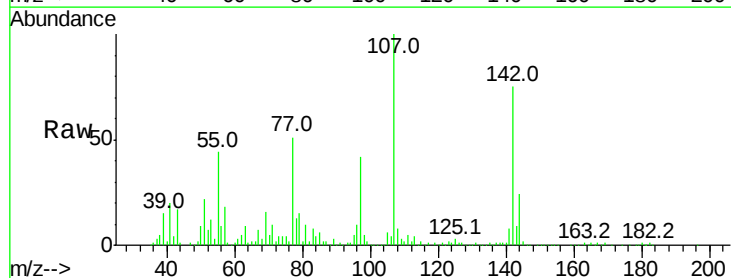
Tgt Ion:107 Resp: 287943

Ion Ratio Lower Upper

107 100

144 23.9 24.2 36.4#

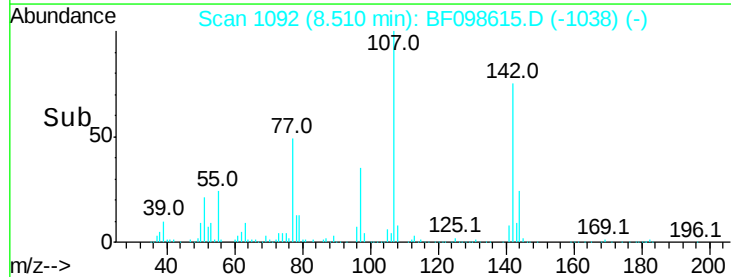
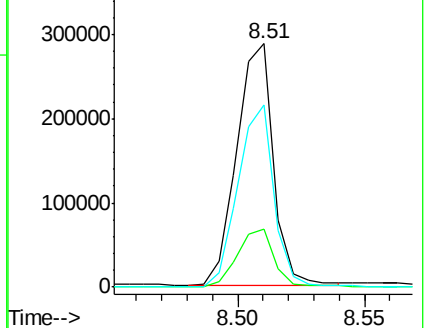
142 74.9 73.4 110.0

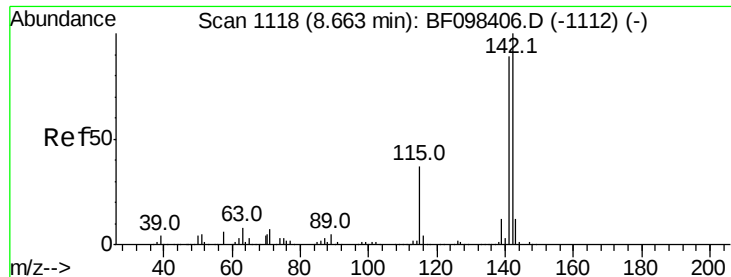


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

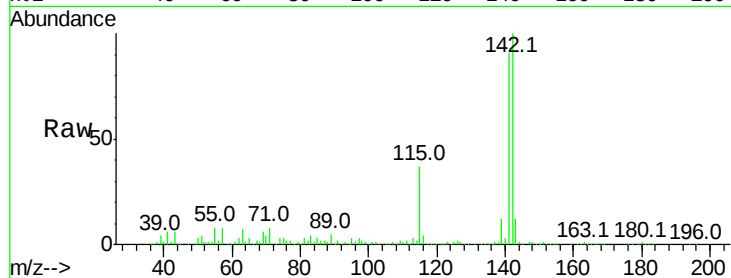




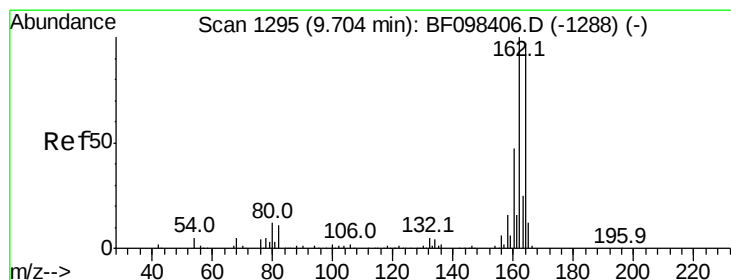
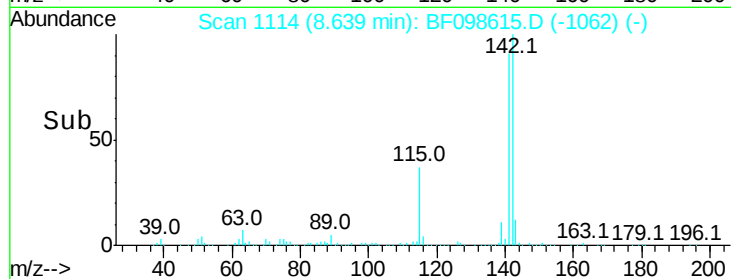
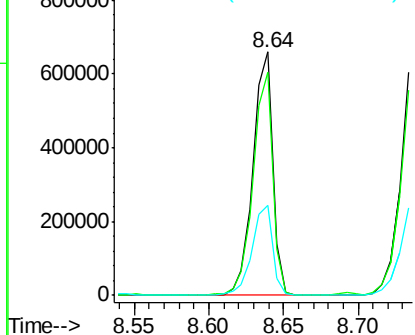
#37
2-Methylnaphthalene
Concen: 47.972 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 601234
Ion Ratio Lower Upper
142 100
141 91.4 71.3 106.9
115 37.2 27.1 40.7

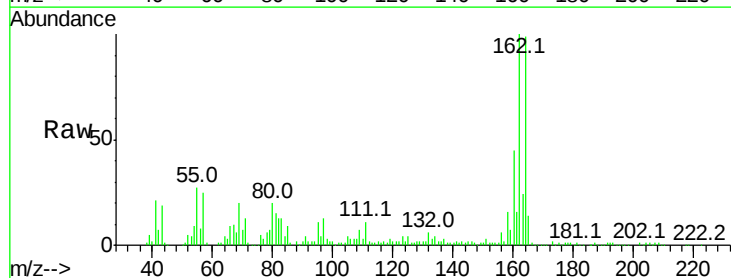


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

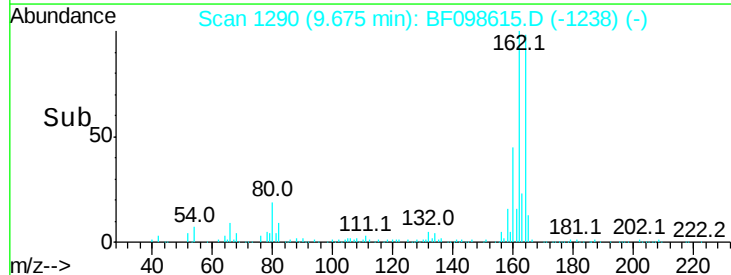
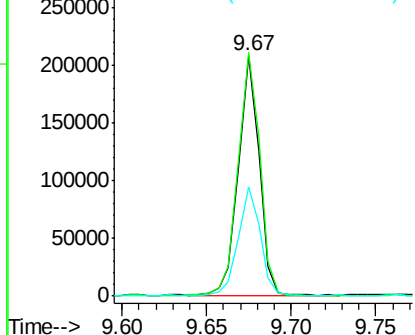


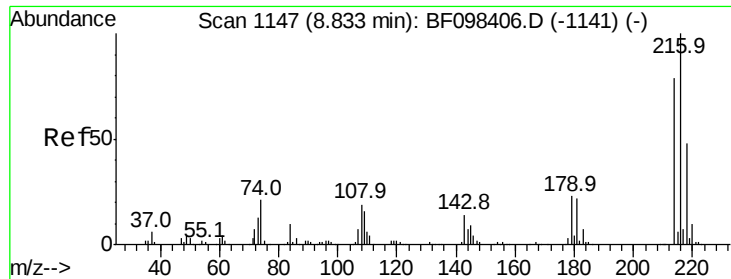
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:164 Resp: 177483
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.6 36.2 54.2



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

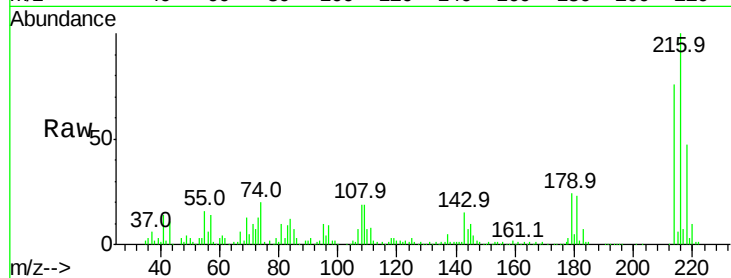




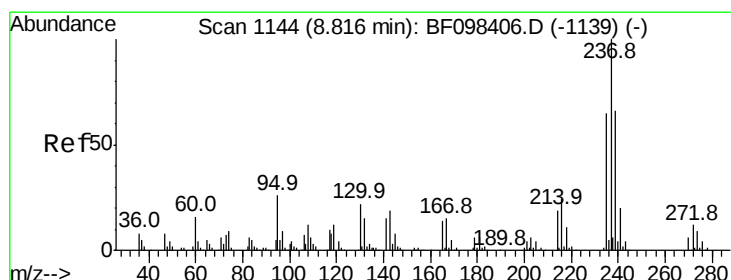
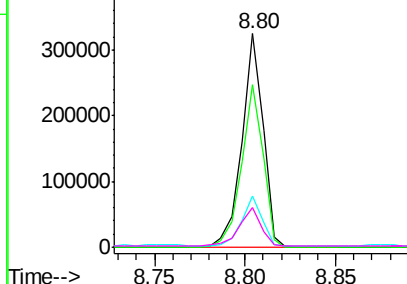
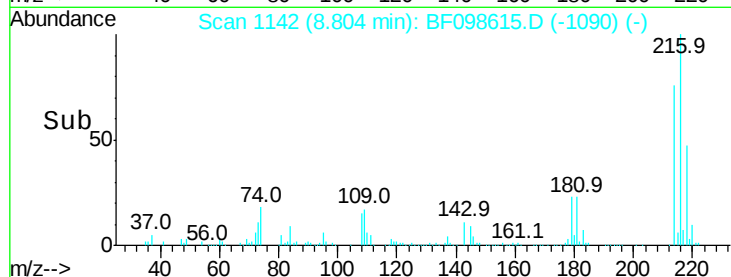
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.522 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	262727
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.2
179	23.0	17.9	26.9
108	19.1	16.5	24.7

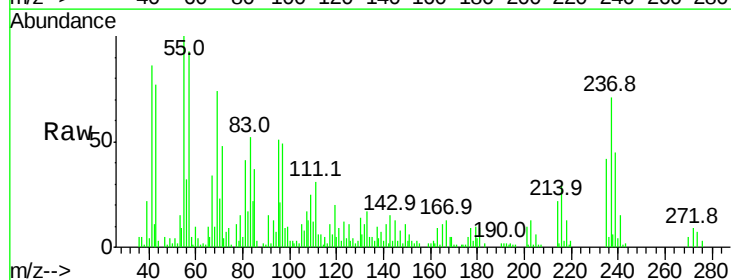


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

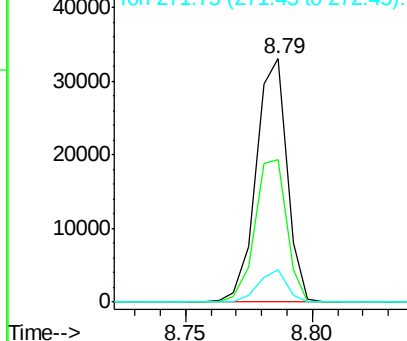
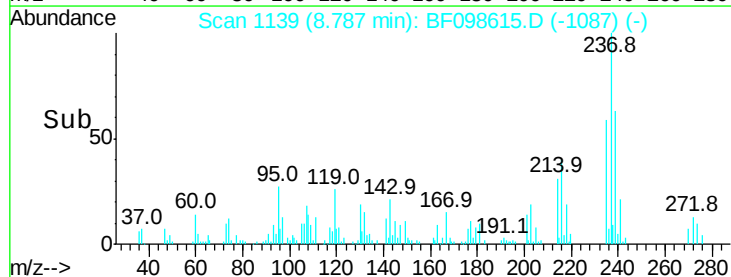


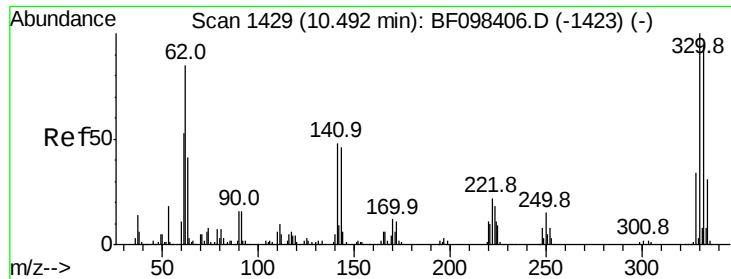
#40
 Hexachlorocyclopentadiene
 Concen: 25.161 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:	237	Resp:	28297
Ion	Ratio	Lower	Upper
237	100		
235	58.5	42.6	82.6
272	13.1	0.0	31.9



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

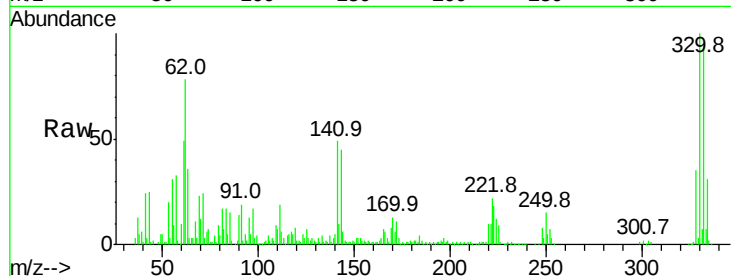




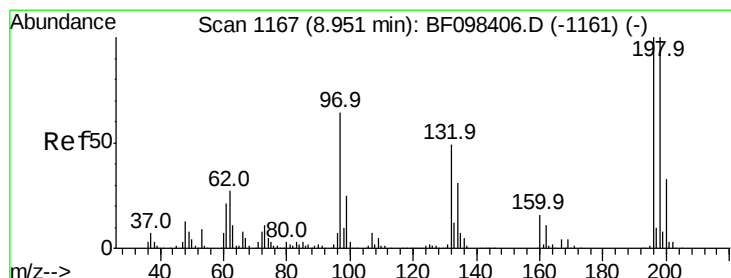
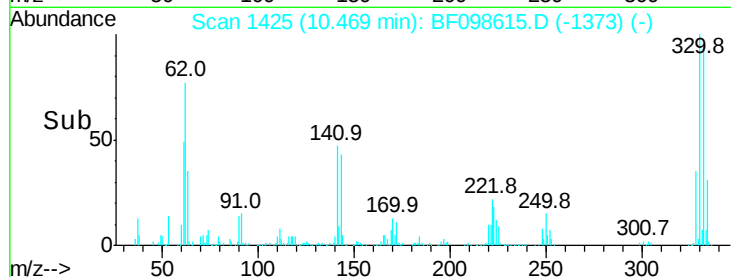
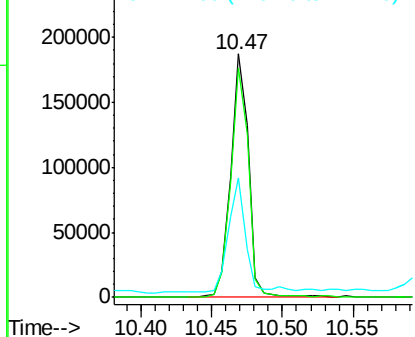
#41
 2,4,6-Tribromophenol
 Concen: 138.709 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	44.5	31.4	47.2

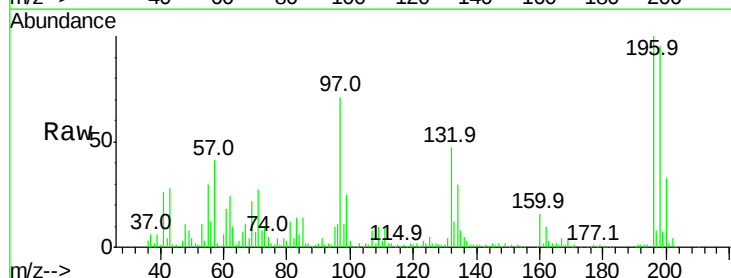


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

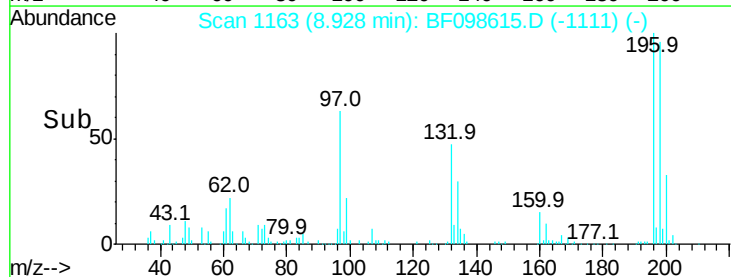
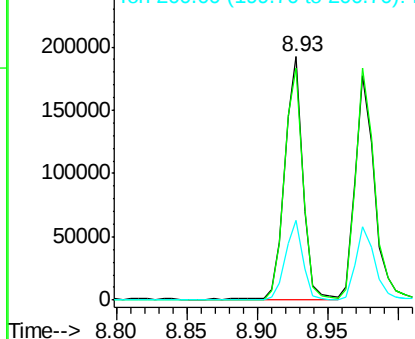


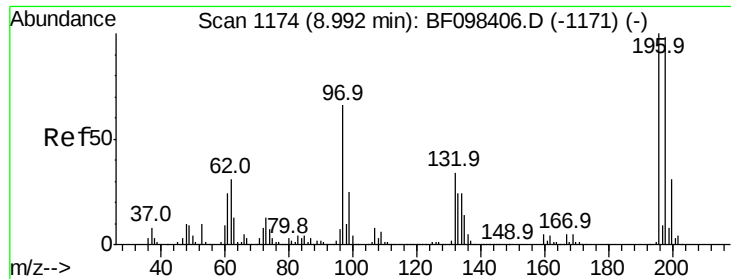
#42
 2,4,6-Trichlorophenol
 Concen: 52.652 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.4
200	32.6	24.0	36.0



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

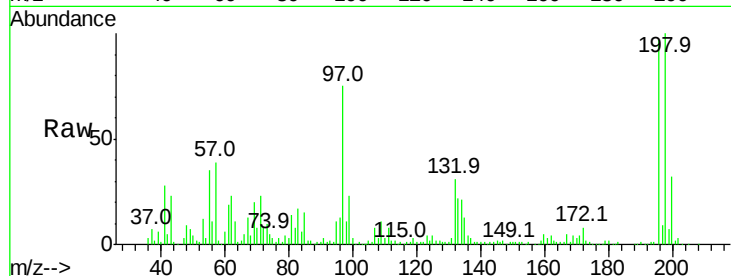




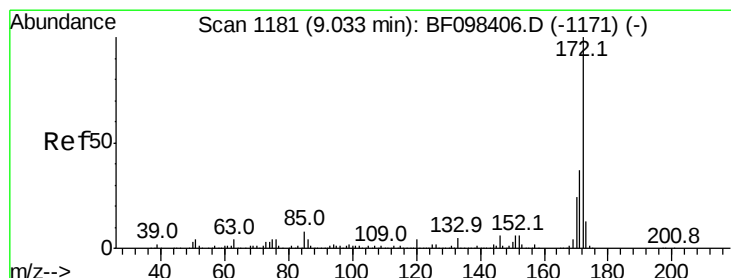
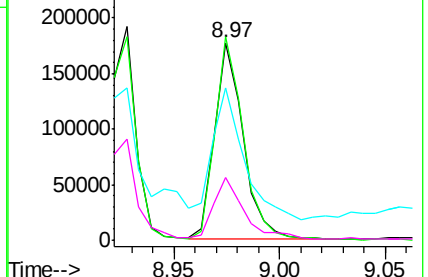
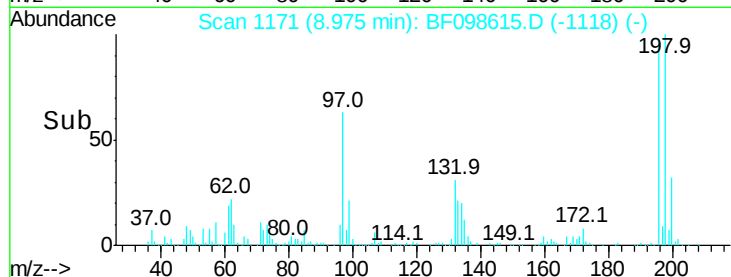
#43
 2,4,5-Trichlorophenol
 Concen: 49.178 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 166919
 Ion Ratio Lower Upper
 196 100
 198 103.1 75.7 113.5
 97 77.4 47.7 71.5#
 132 31.6 28.0 42.0

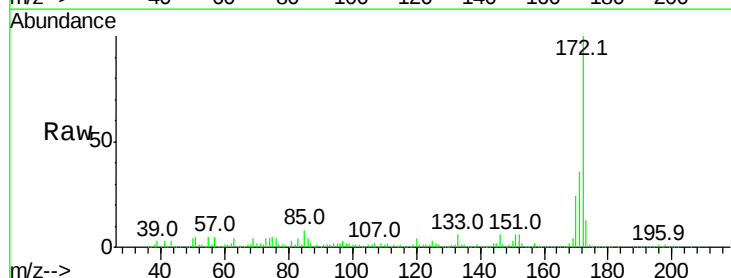


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

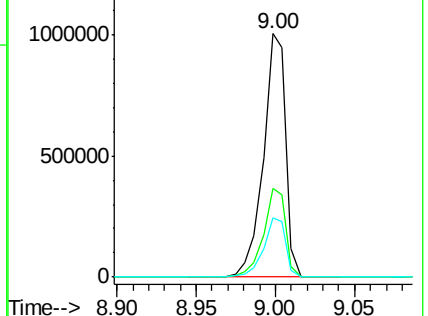
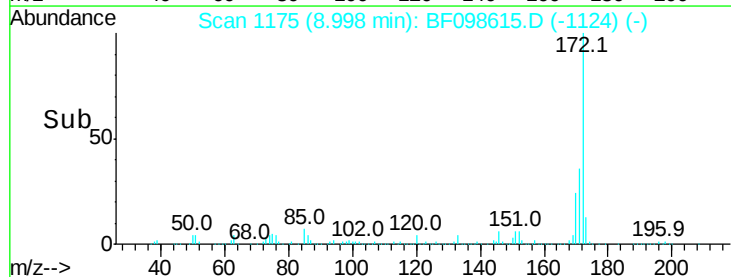


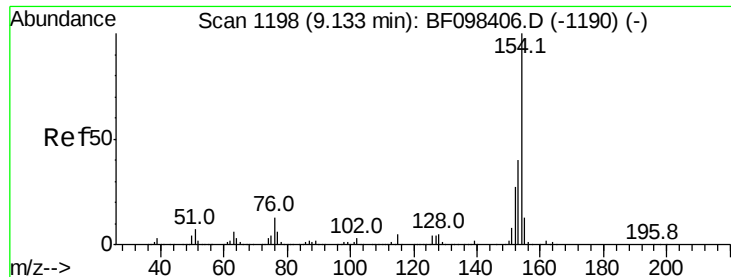
#44
 2-Fluorobiphenyl
 Concen: 94.645 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:172 Resp: 991070
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 45.140 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

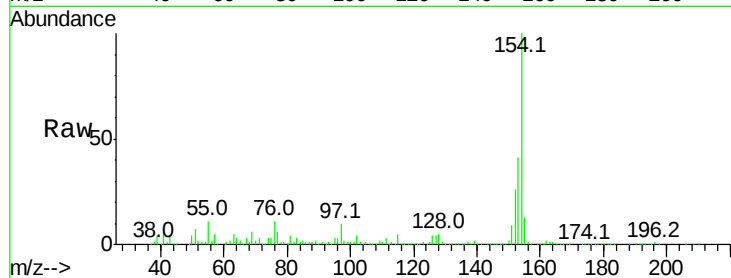
Tot Ion:154 Resp: 717088

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

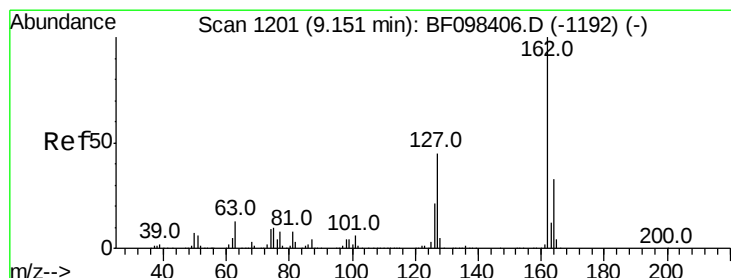
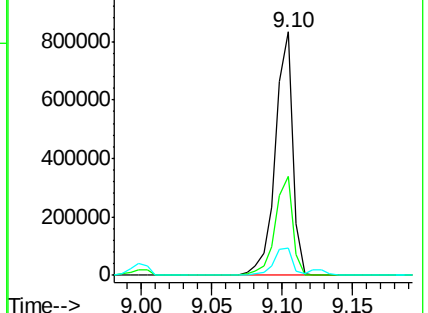
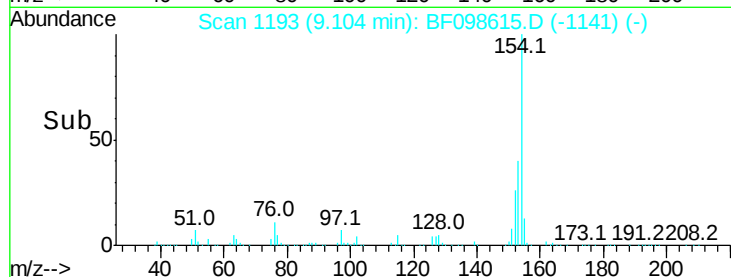
76 11.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.041 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

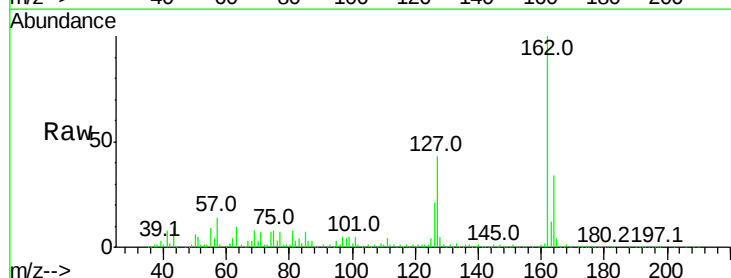
Tgt Ion:162 Resp: 533690

Ion Ratio Lower Upper

162 100

127 42.8 28.3 42.5#

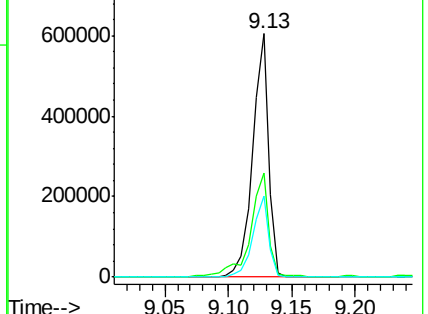
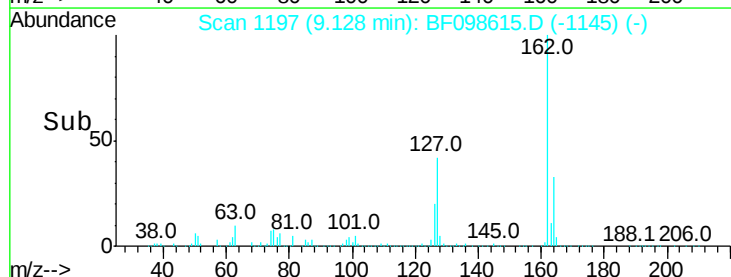
164 33.5 27.0 40.4

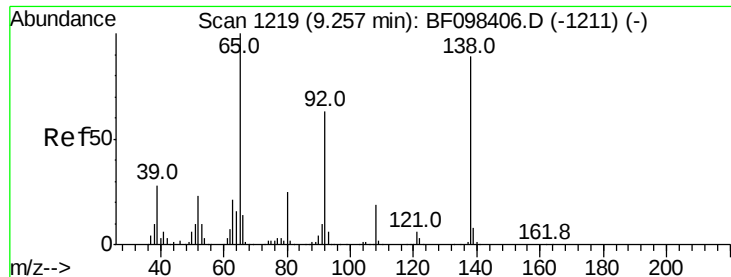


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.249 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

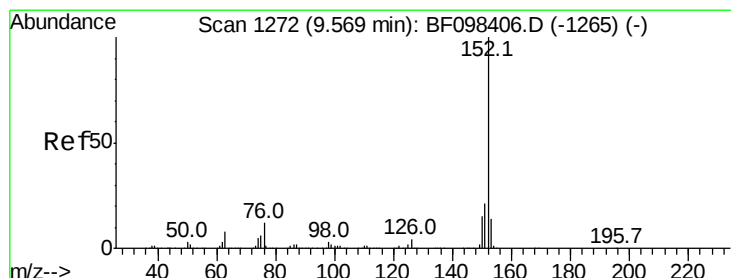
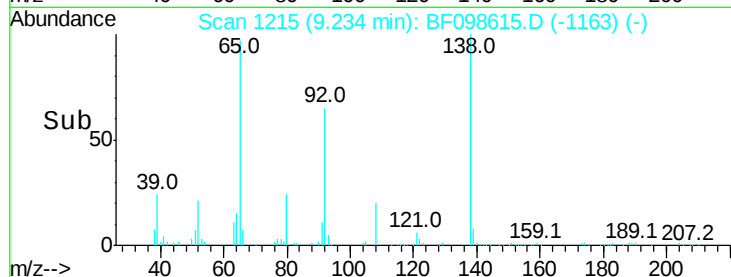
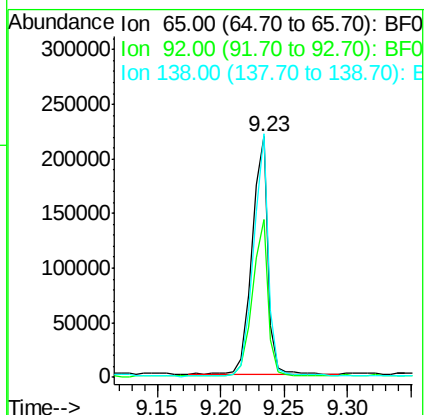
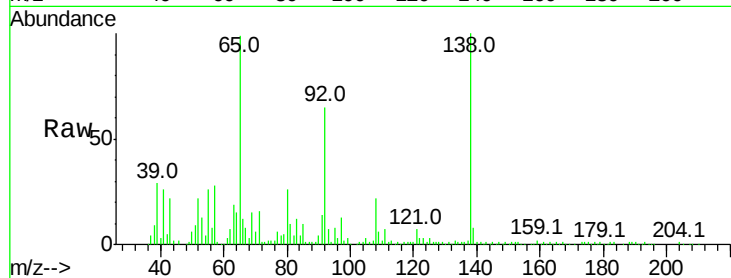
Tot Ion: 65 Resp: 192680

Ion Ratio Lower Upper

65 100

92 65.5 53.9 80.9

138 101.2 78.8 118.2



#48

Acenaphthylene

Concen: 43.149 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

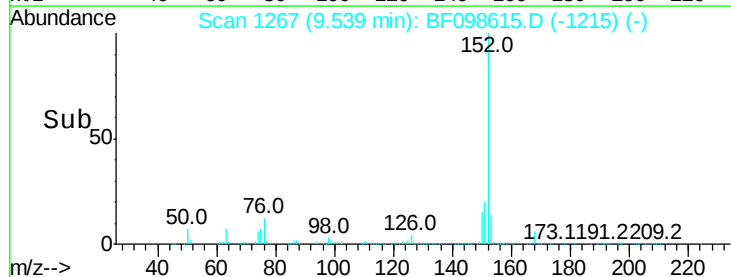
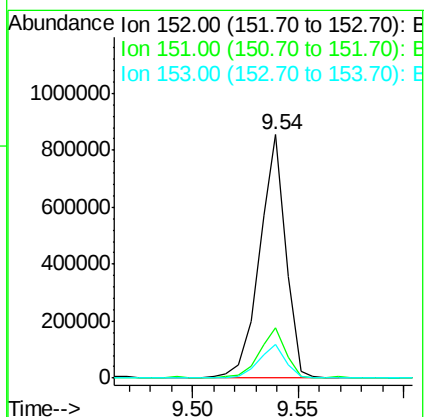
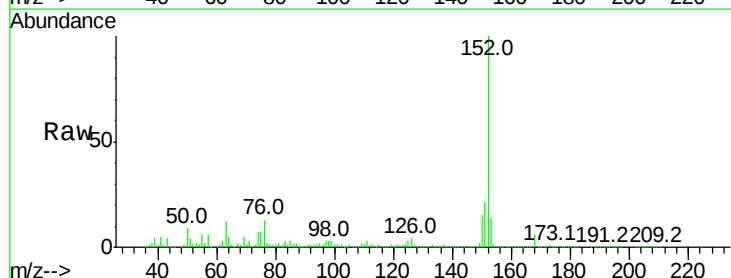
Tgt Ion: 152 Resp: 727868

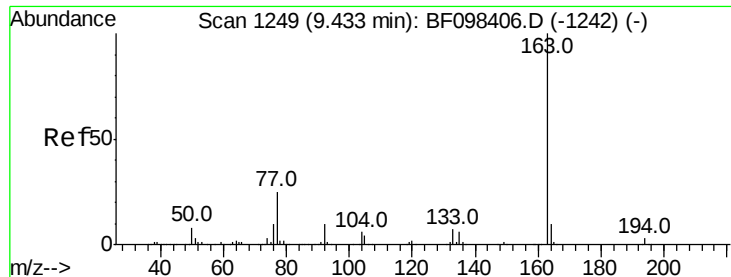
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 14.0 10.8 16.2





#49

Dimethylphthalate

Concen: 58.113 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

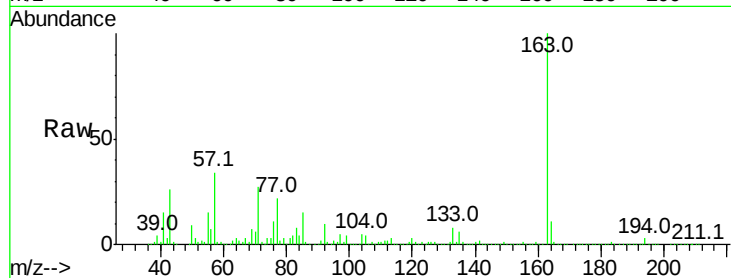
Tot Ion:163 Resp: 798394

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

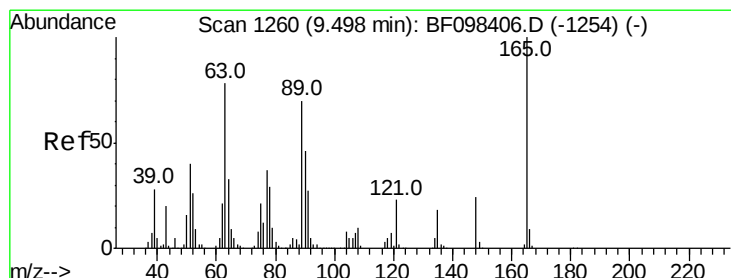
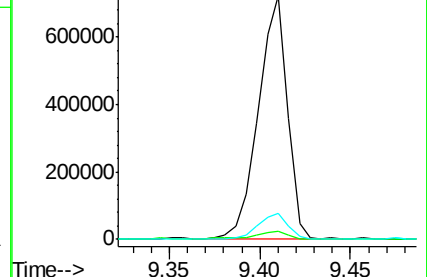
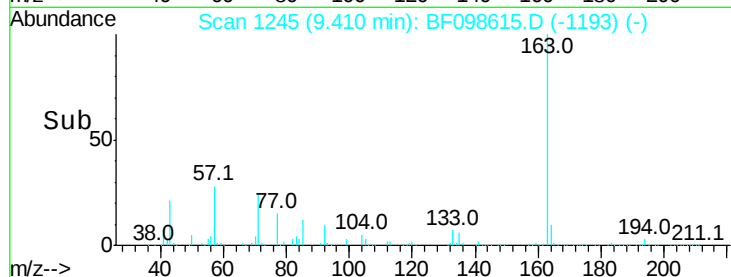
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.272 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

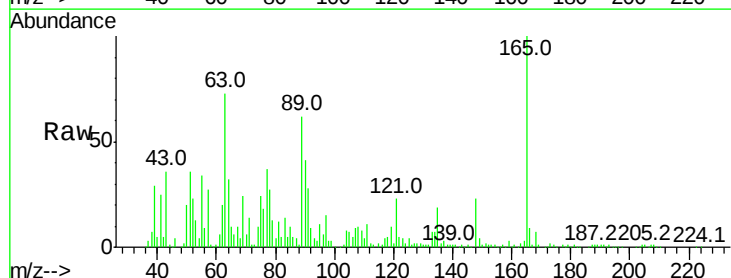
Tgt Ion:165 Resp: 136228

Ion Ratio Lower Upper

165 100

63 72.7 34.3 51.5#

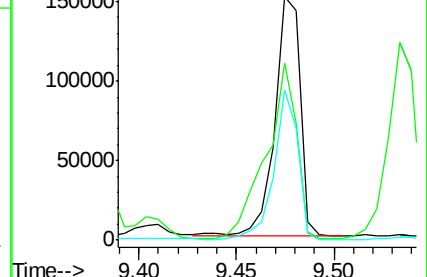
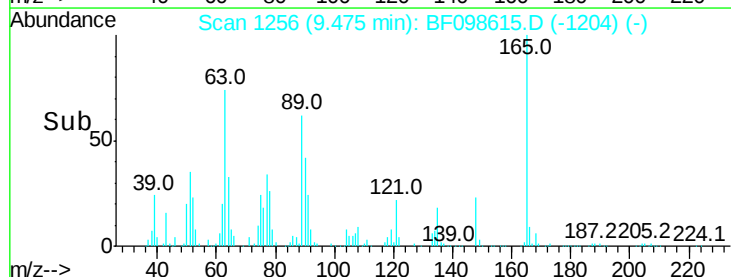
89 61.6 37.1 55.7#

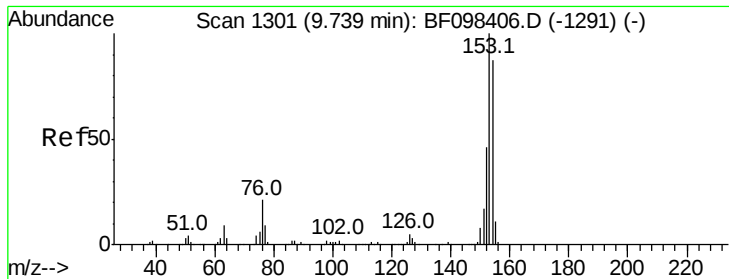


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.948 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

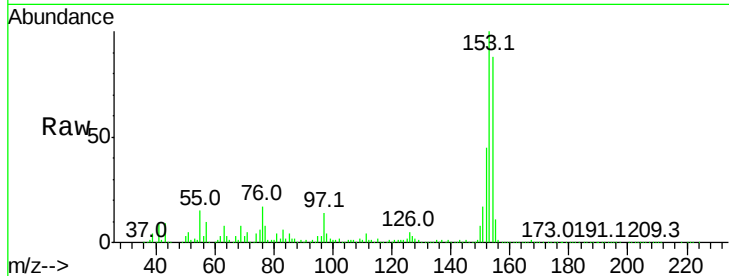
Tot Ion:154 Resp: 481966

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

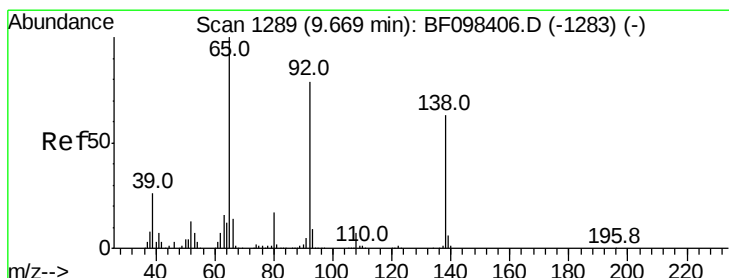
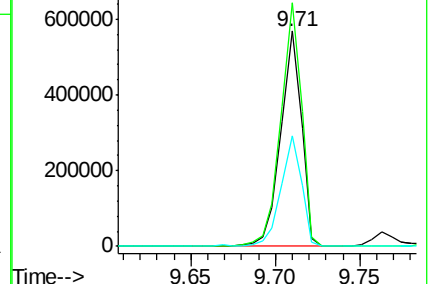
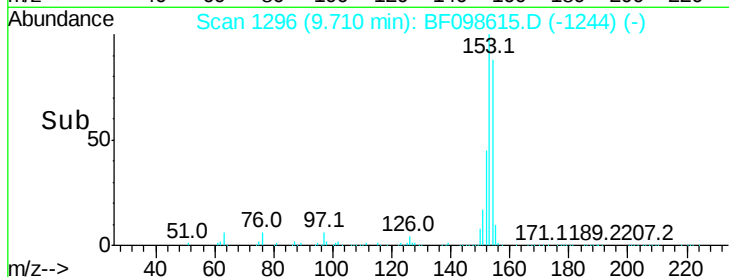
152 51.4 43.6 65.4



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



#52

3-Nitroaniline

Concen: 29.090 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

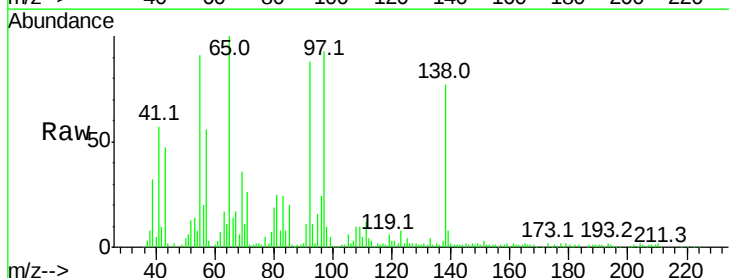
Tgt Ion:138 Resp: 99100

Ion Ratio Lower Upper

138 100

108 13.3 9.1 13.7

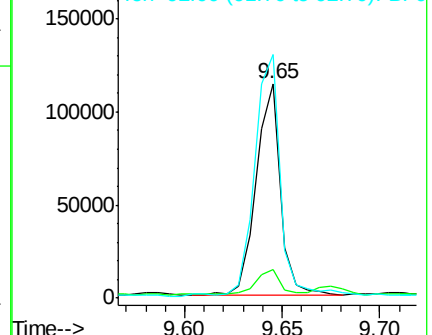
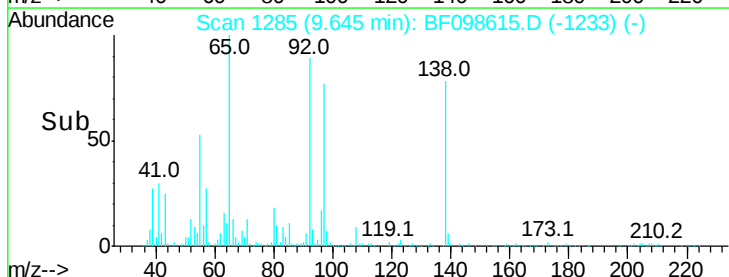
92 113.7 93.8 140.6

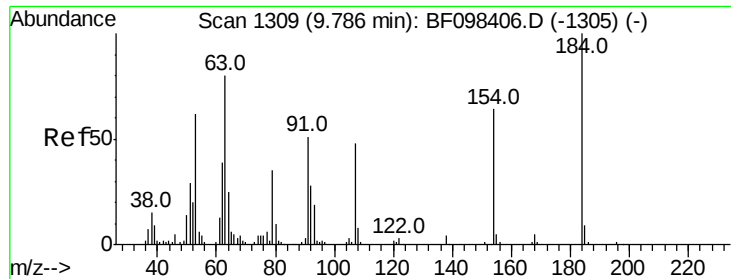


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

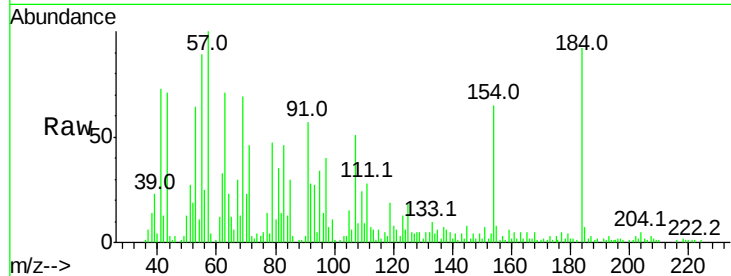




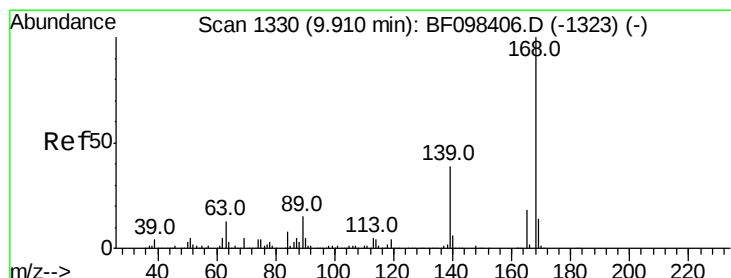
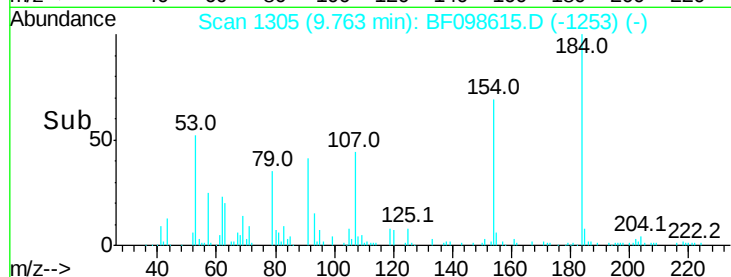
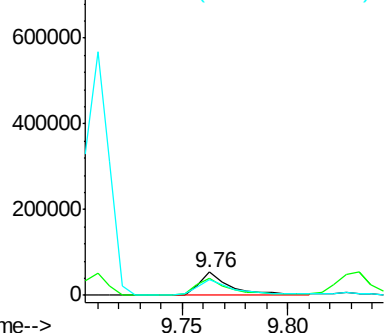
#53
2,4-Dinitrophenol
Concen: 45.520 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 55237
Ion Ratio Lower Upper
184 100
63 77.2 62.7 94.1
154 70.8 81.1 121.7#

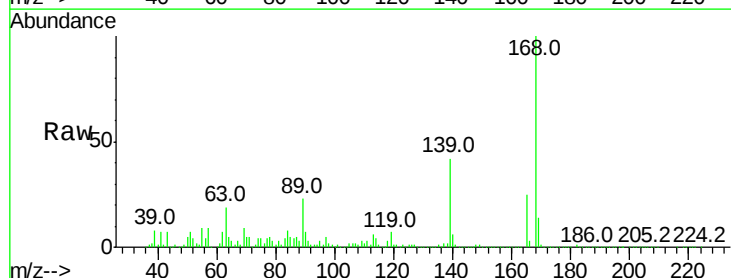


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

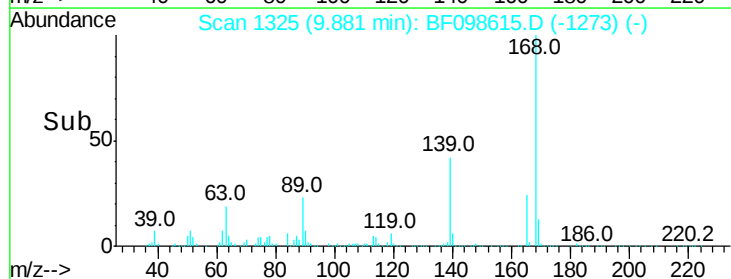
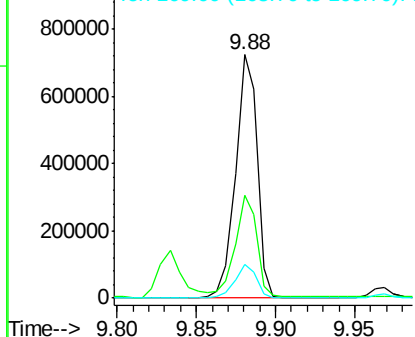


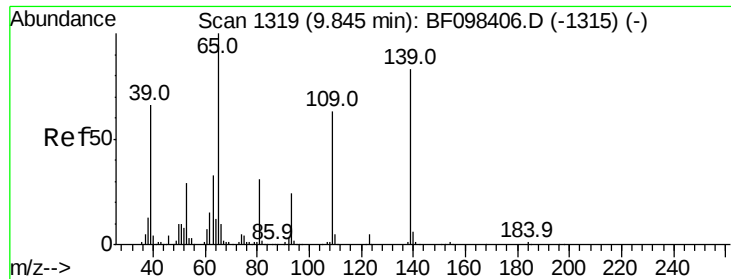
#54
Dibenzofuran
Concen: 48.319 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:168 Resp: 682573
Ion Ratio Lower Upper
168 100
139 42.3 30.6 45.8
169 13.7 10.8 16.2



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

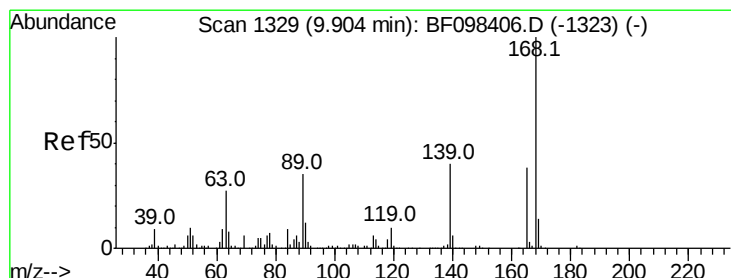
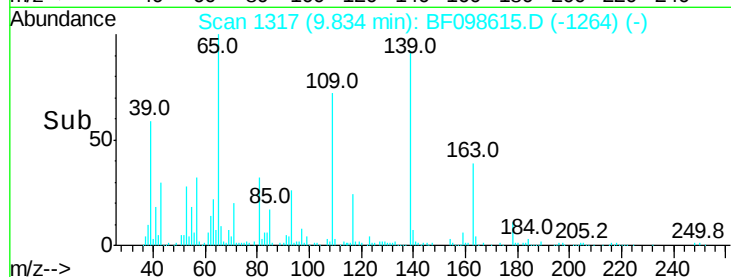
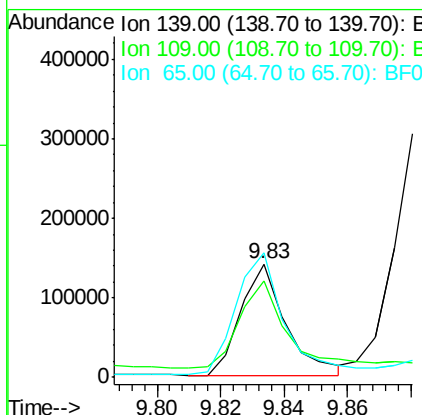
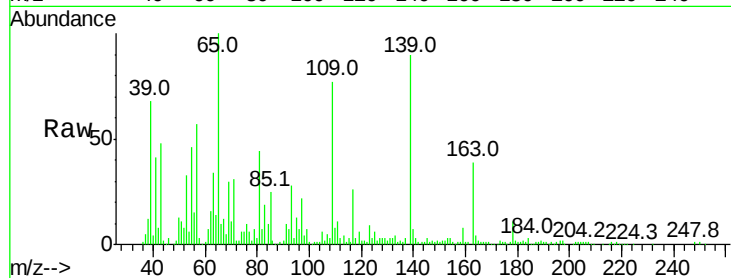




#55
4-Nitrophenol
Concen: 71.270 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

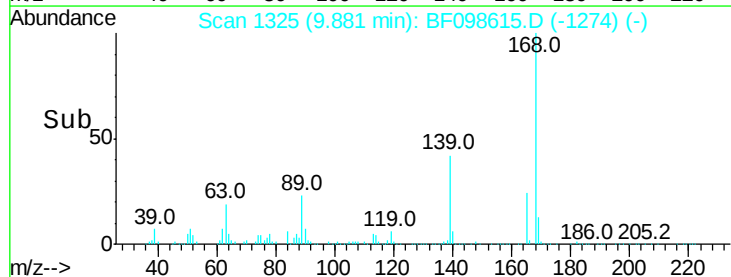
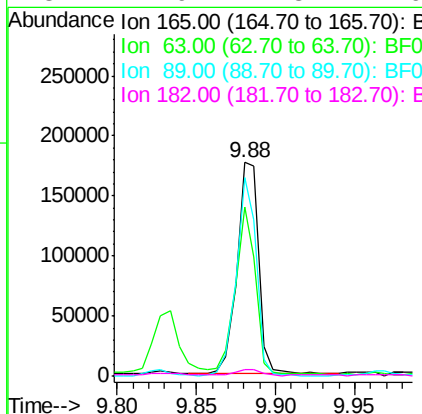
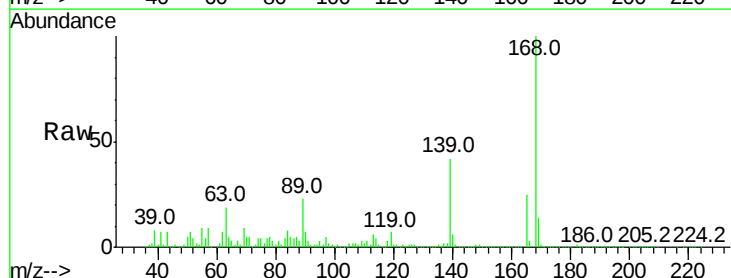
Instrument :
BNA_F
ClientSampleId :

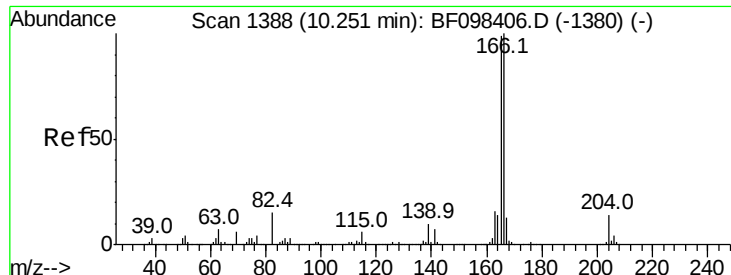
Tot Ion:139 Resp: 139489
Ion Ratio Lower Upper
139 100
109 85.1 34.1 74.1#
65 110.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.556 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:165 Resp: 166590
Ion Ratio Lower Upper
165 100
63 79.1 25.4 38.0#
89 92.7 46.4 69.6#
182 2.9 1.8 2.6#

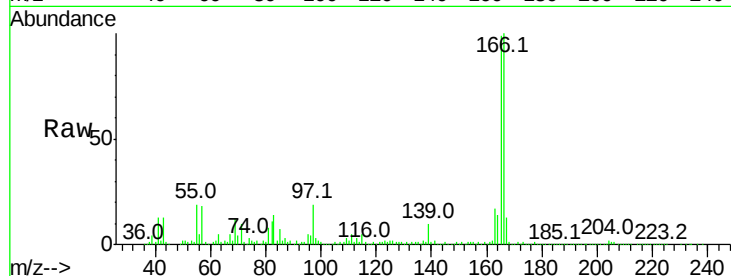




#57
 Fluorene
 Concen: 44.796 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.1	10.6	16.0

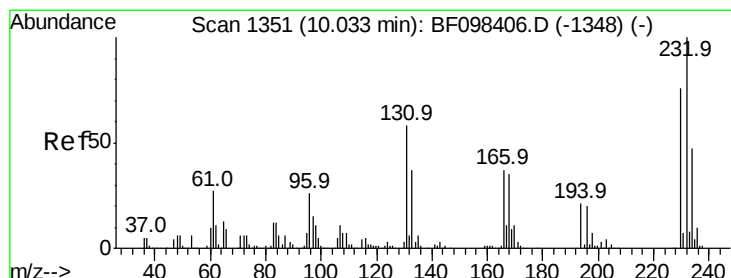
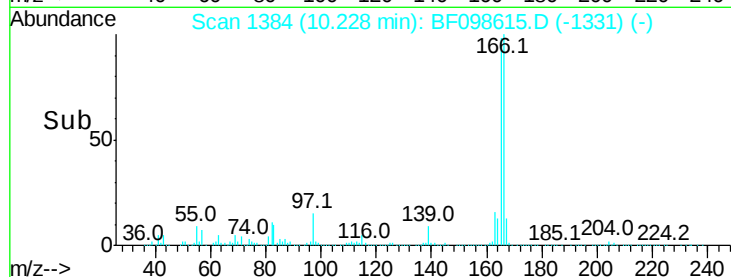
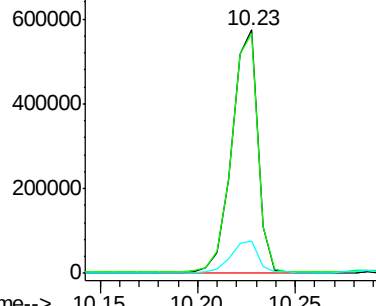


Abundance

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



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.571 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.1	44.8	67.2
130	3.5	2.3	3.5#
166	31.3	29.0	43.4

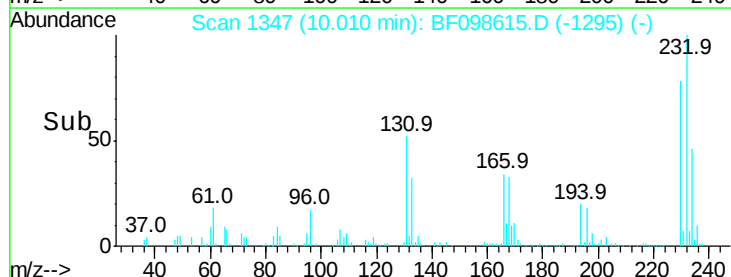
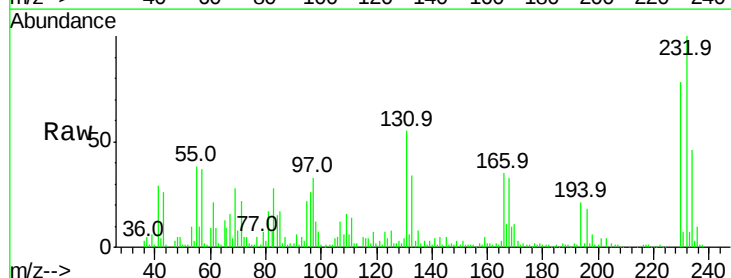
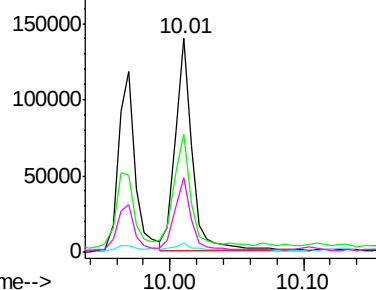
Abundance

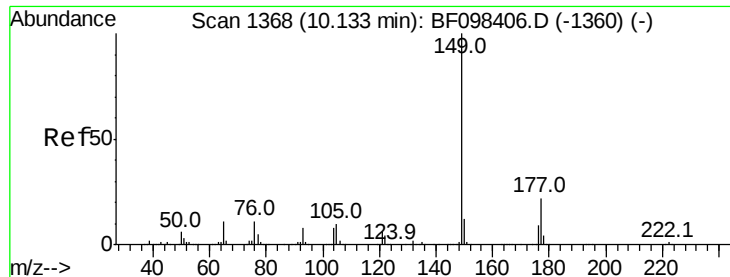
Ion 232.00 (231.70 to 232.70): E

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

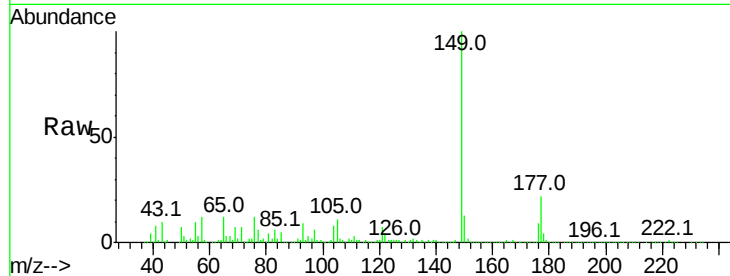




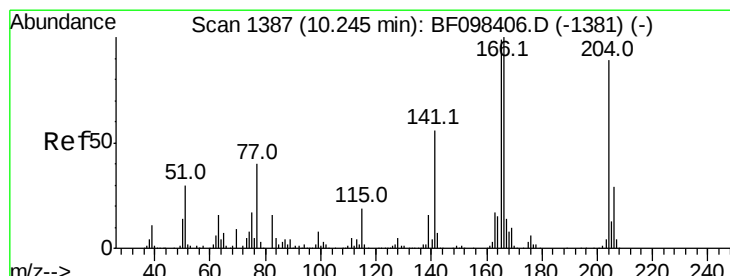
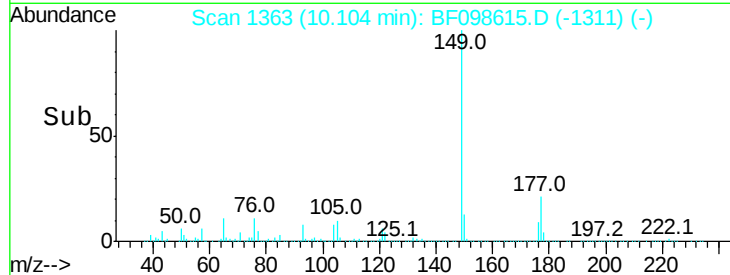
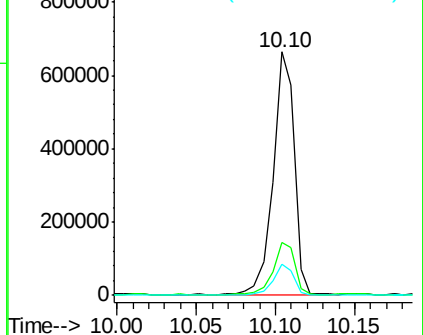
#59
Diethylphthalate
Concen: 46.976 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 613781
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.7 10.2 15.2

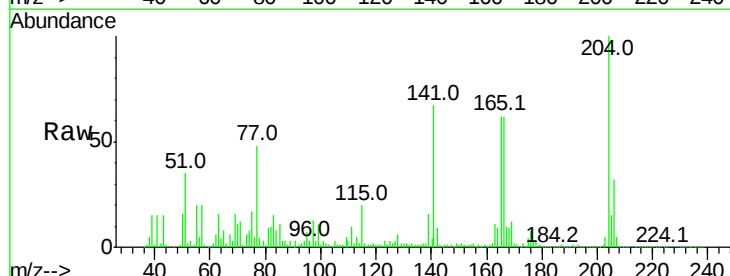


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

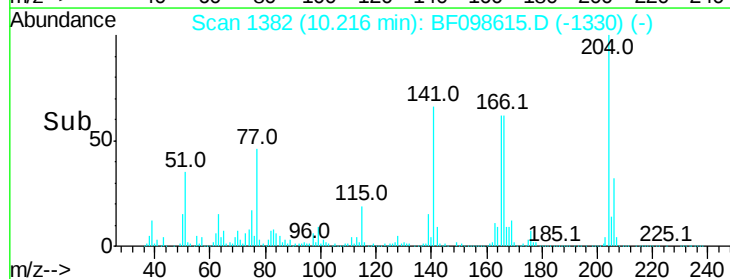
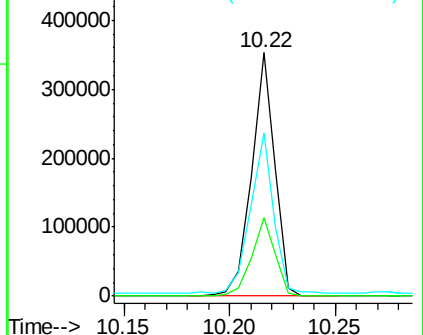


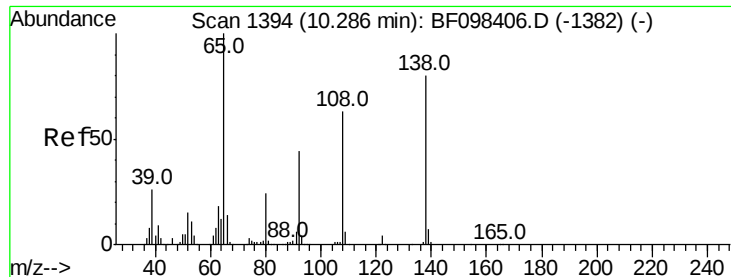
#60
4-Chlorophenyl-phenylether
Concen: 49.796 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:204 Resp: 268925
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 66.9 60.8 91.2



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





#61

4-Nitroaniline

Concen: 30.325 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

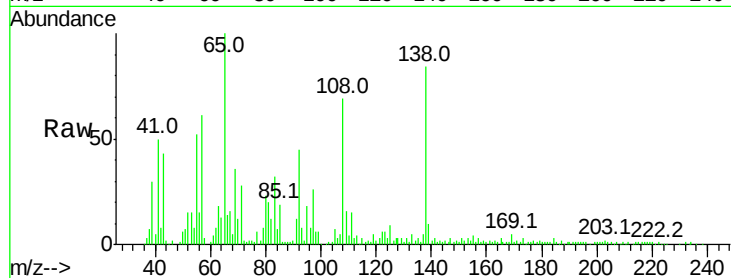
Tot Ion:138 Resp: 104328

Ion Ratio Lower Upper

138 100

92 53.2 21.8 61.8

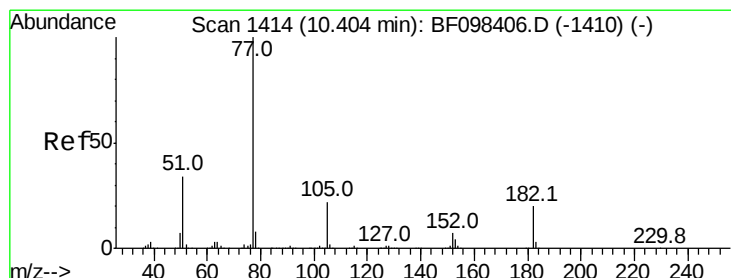
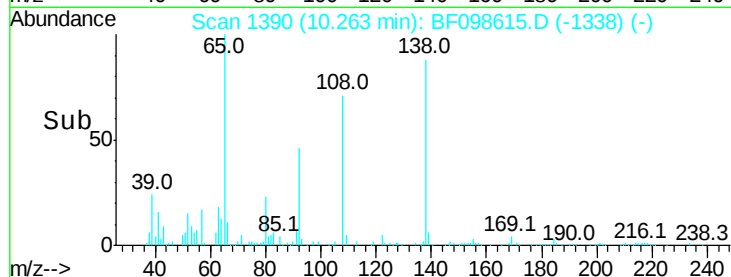
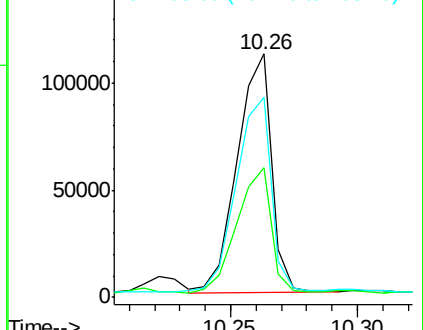
108 82.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.226 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion: 77 Resp: 566466

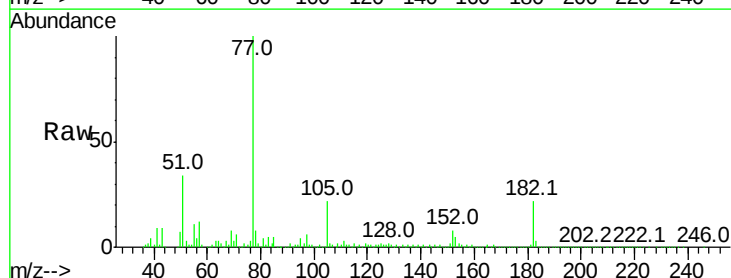
Ion Ratio Lower Upper

77 100

182 21.7 0.1 40.1

105 22.1 3.6 43.6

51 34.1 9.4 49.4

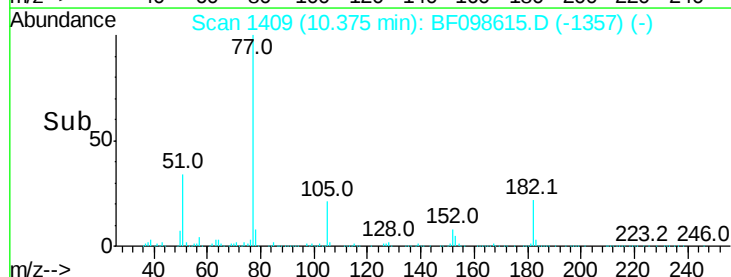
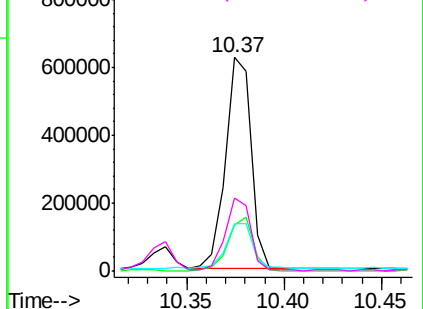


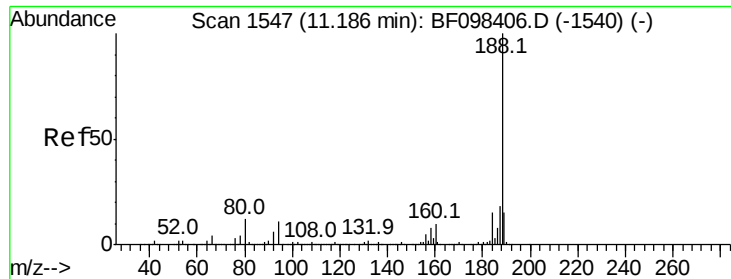
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

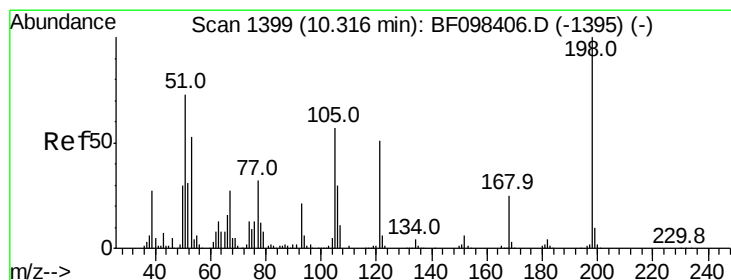
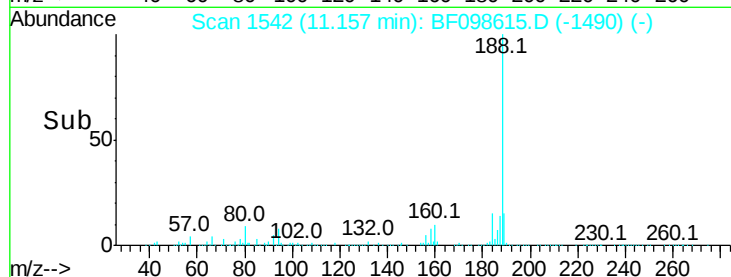
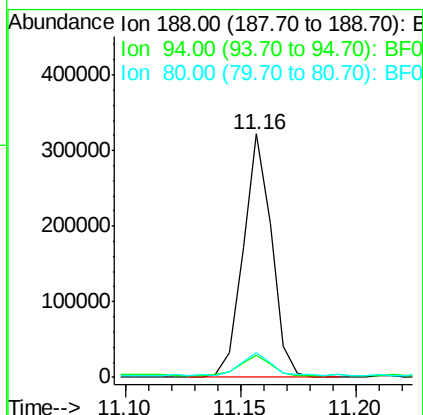
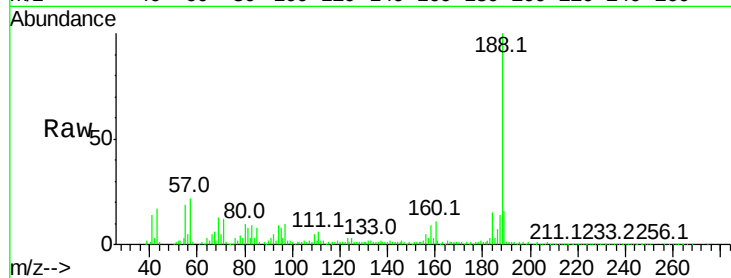




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

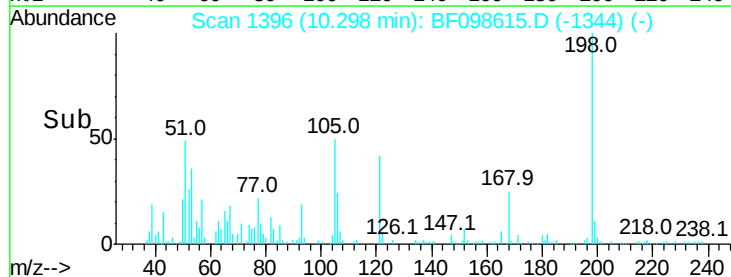
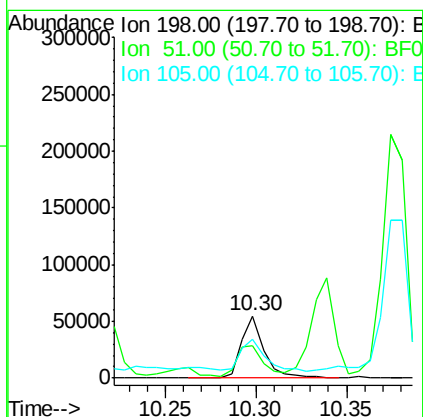
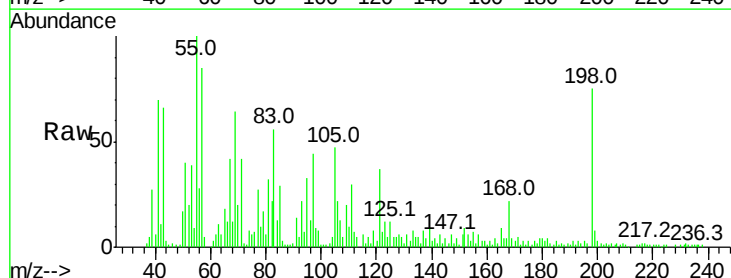
Instrument :
BNA_F
ClientSampleId :

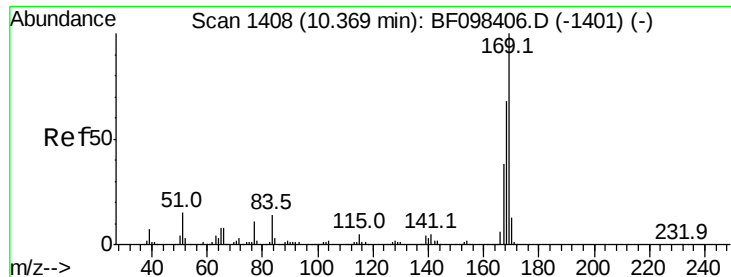
Tot Ion:188 Resp: 275169
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.0 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 30.698 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:198 Resp: 48443
Ion Ratio Lower Upper
198 100
51 52.9 53.2 93.2#
105 62.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 52.860 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

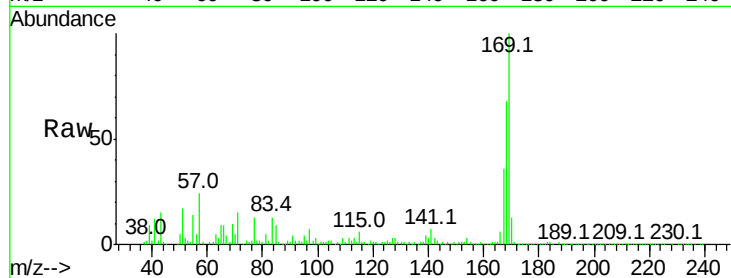
Tot Ion:169 Resp: 472295

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

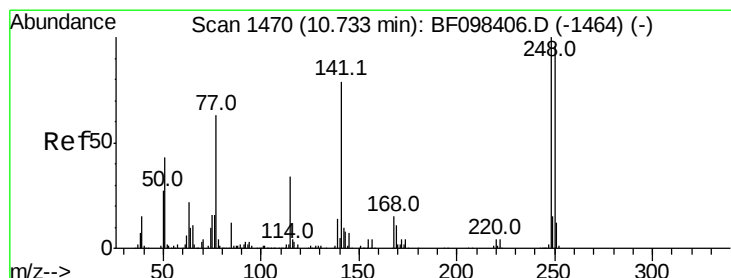
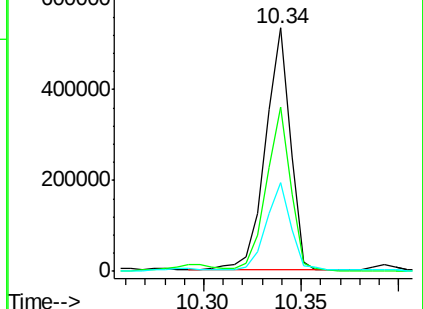
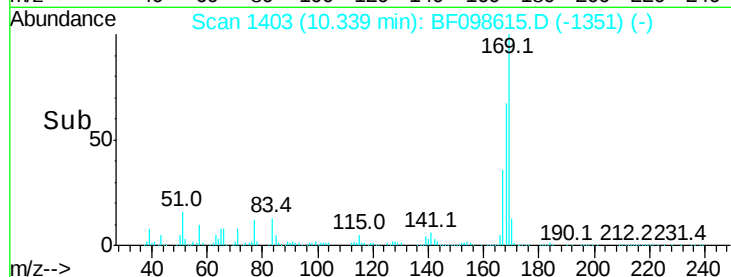
167 36.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 56.558 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

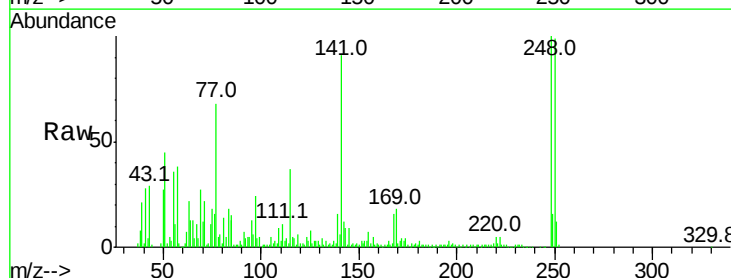
Tgt Ion:248 Resp: 147706

Ion Ratio Lower Upper

248 100

250 99.4 76.8 115.2

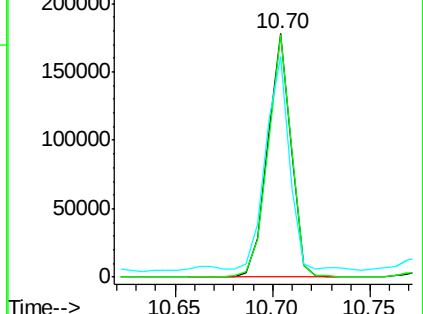
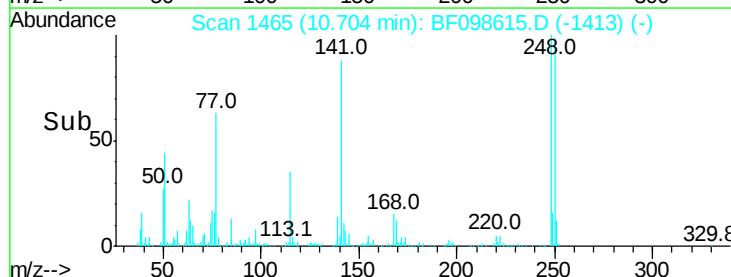
141 90.7 68.6 103.0

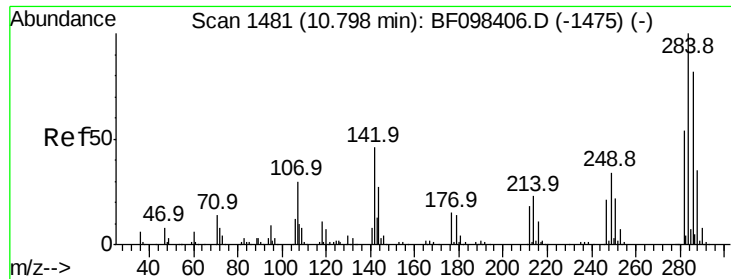


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

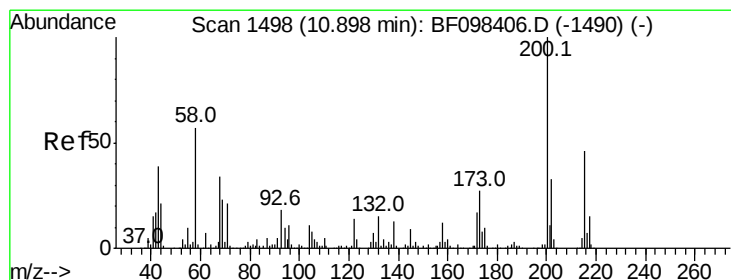
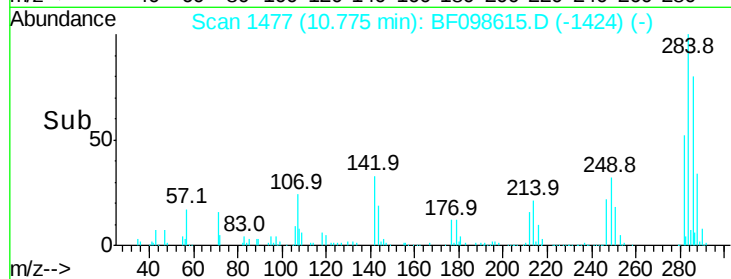
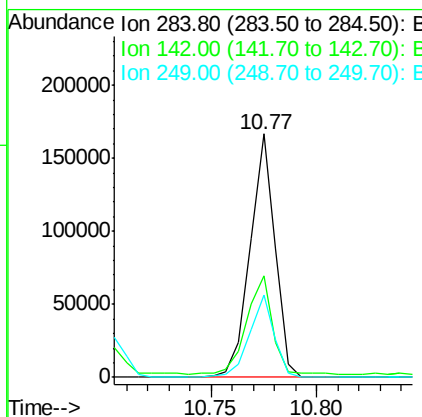
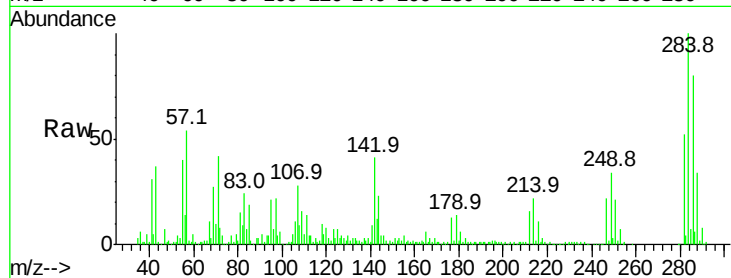




#67
Hexachlorobenzene
Concen: 51.815 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

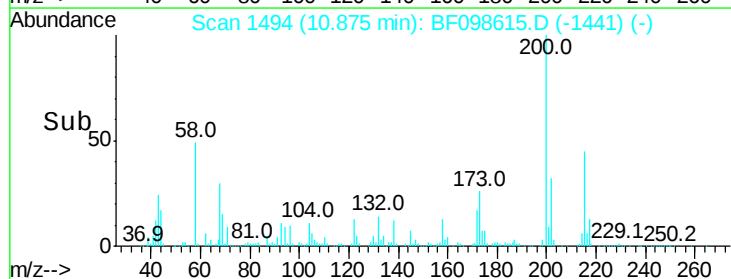
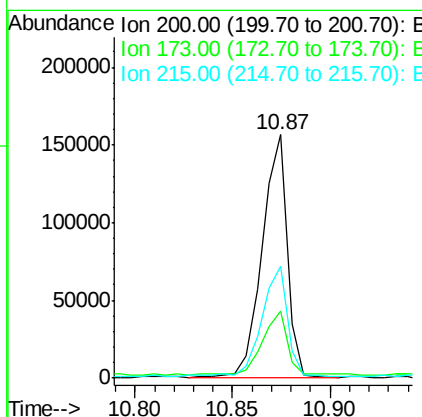
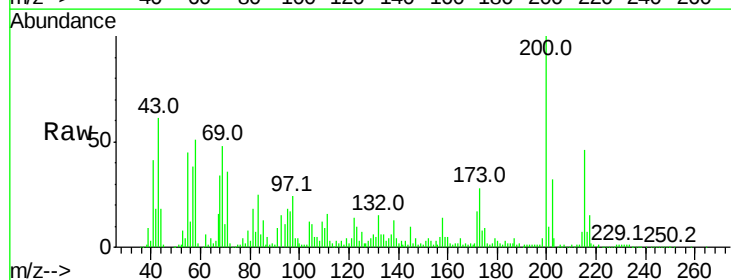
Instrument :
BNA_F
ClientSampleId :

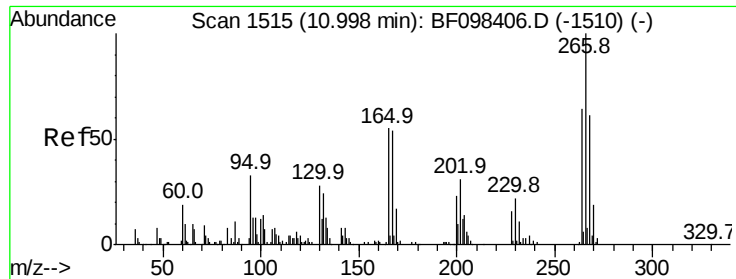
Tot Ion:284 Resp: 137259
Ion Ratio Lower Upper
284 100
142 41.5 22.8 34.2#
249 33.7 24.0 36.0



#68
Atrazine
Concen: 50.374 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:200 Resp: 138562
Ion Ratio Lower Upper
200 100
173 27.7 6.3 46.3
215 45.8 27.2 67.2

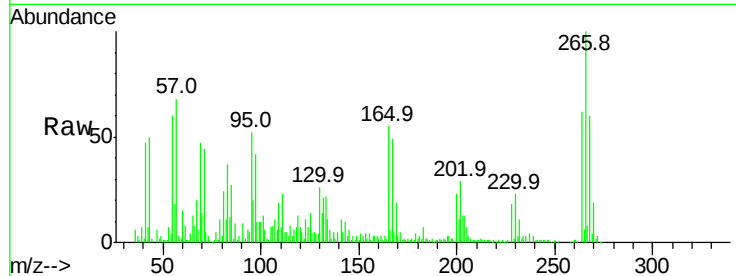




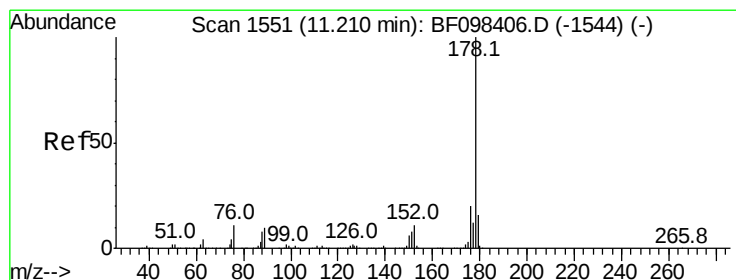
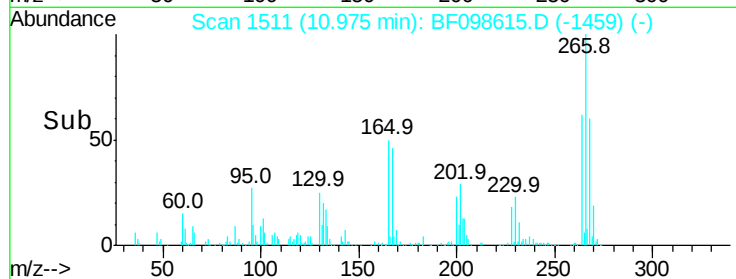
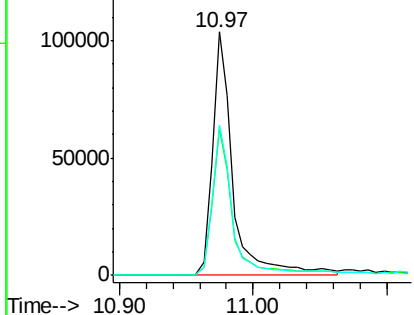
#69
 Pentachlorophenol
 Concen: 94.032 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	61.5	51.7	77.5

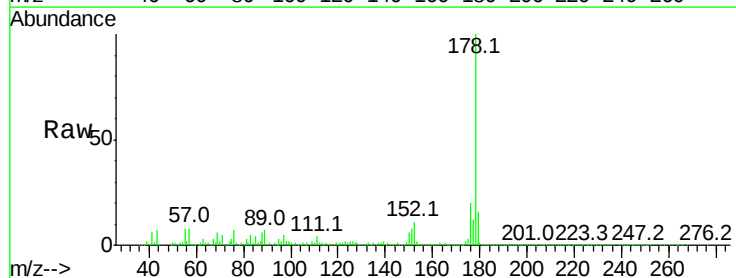


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

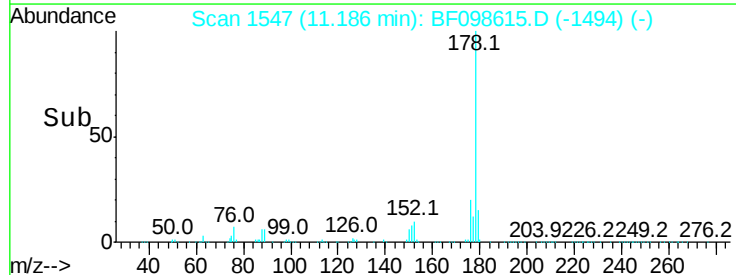
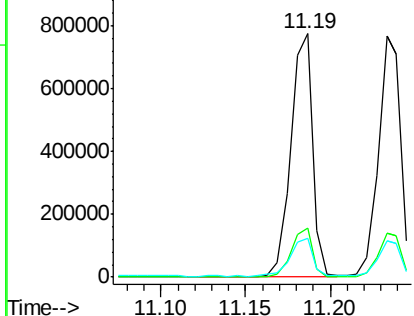


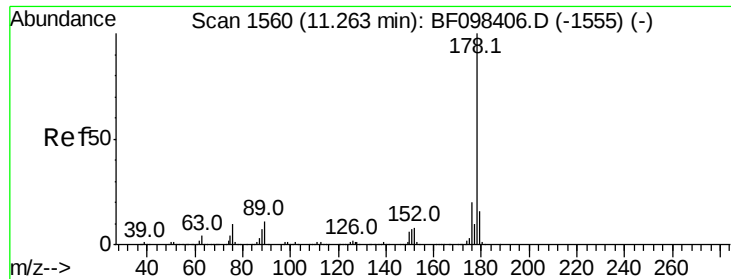
#70
 Phenanthrene
 Concen: 47.469 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	12.6	19.0



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

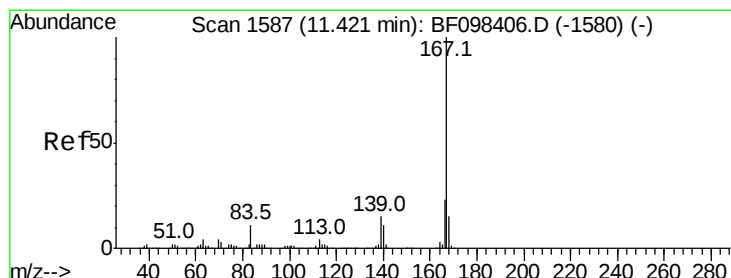
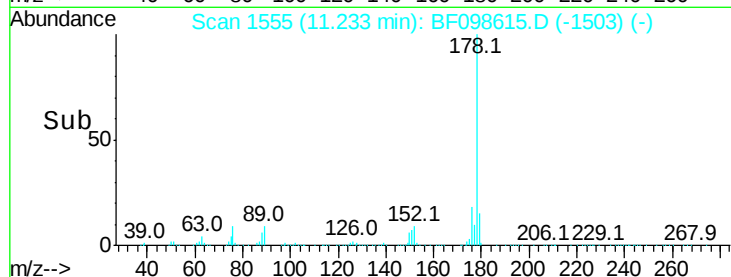
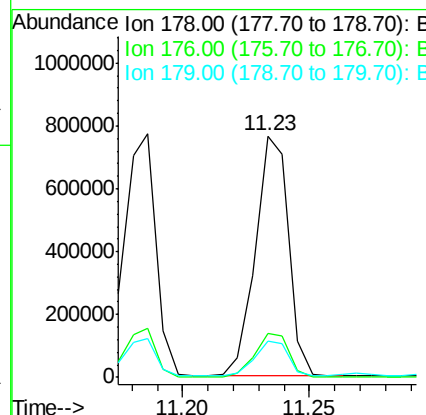
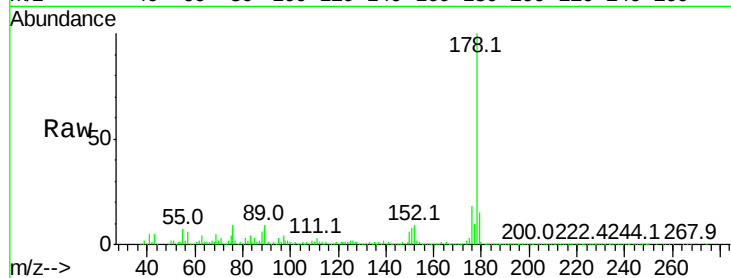




#71
 Anthracene
 Concen: 46.592 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

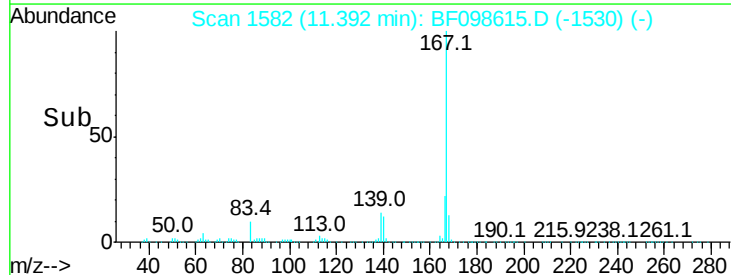
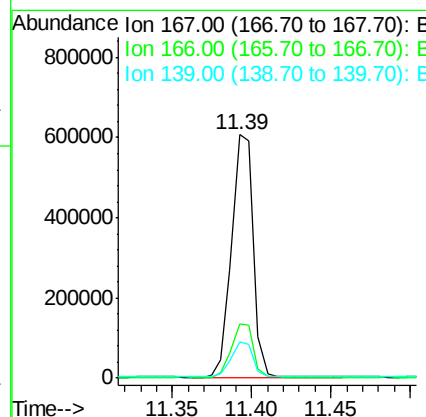
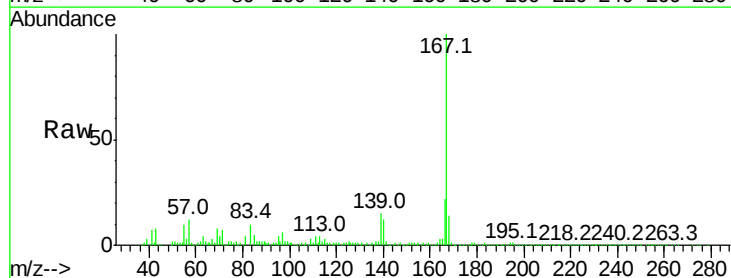
Instrument :
 BNA_F
 ClientSampleId :

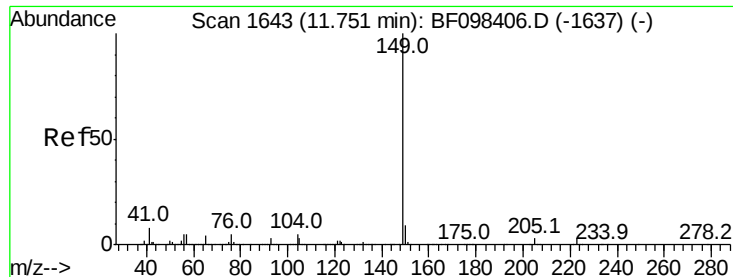
Tot Ion:178 Resp: 697805
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 41.161 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:167 Resp: 574522
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.981 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

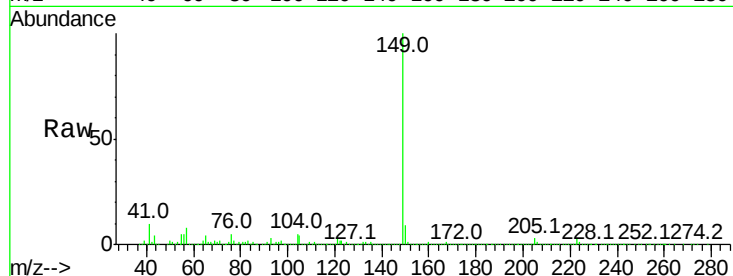
Tot Ion:149 Resp: 869312

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

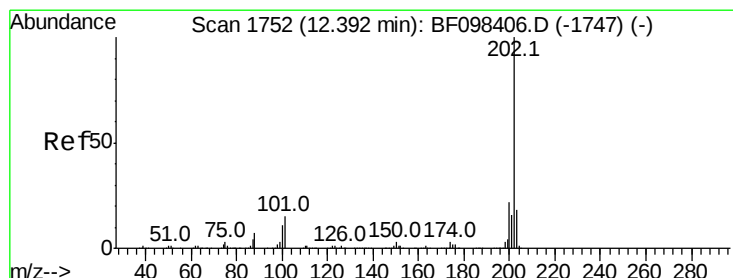
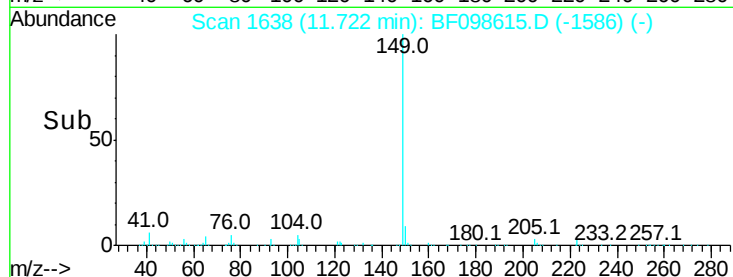
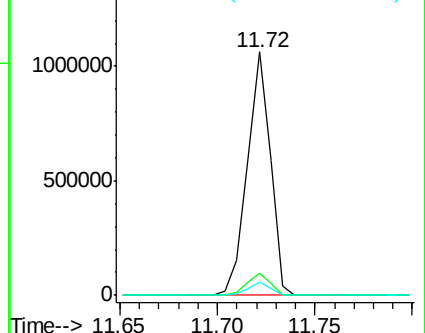
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.404 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

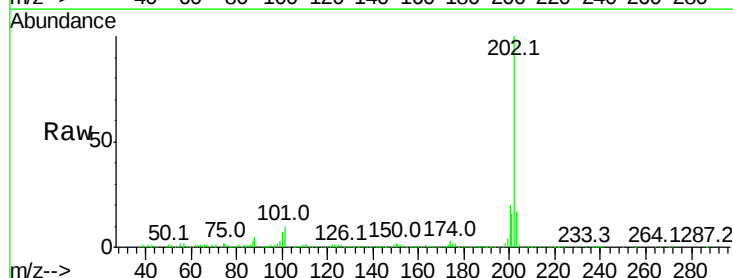
Tgt Ion:202 Resp: 633835

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.2

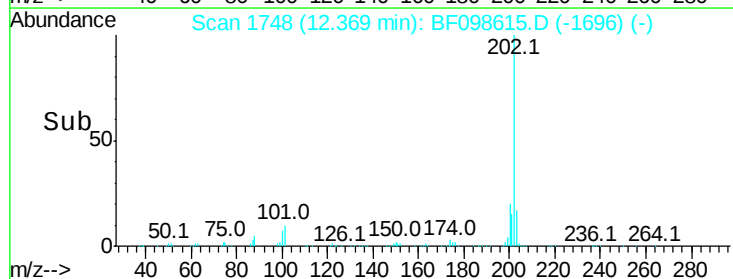
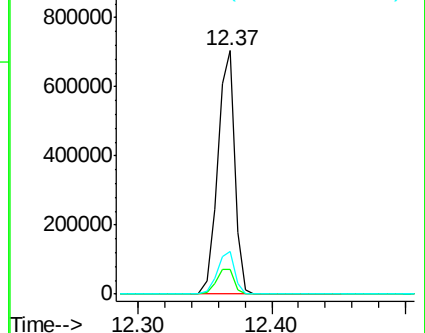
203 17.3 0.0 38.1

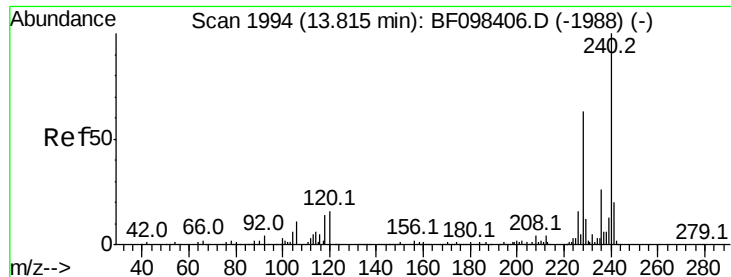


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

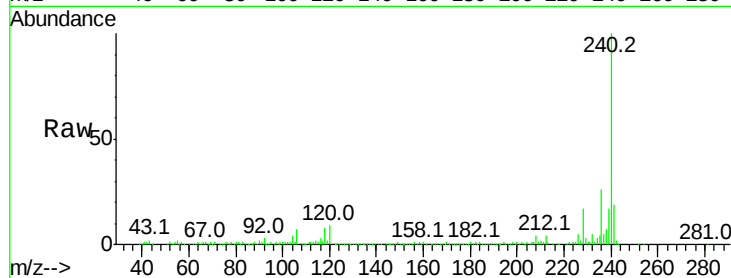
Tot Ion:240 Resp: 190561

Ion Ratio Lower Upper

240 100

120 9.1 5.8 8.8#

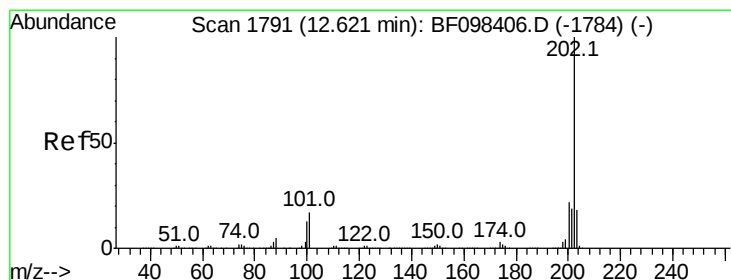
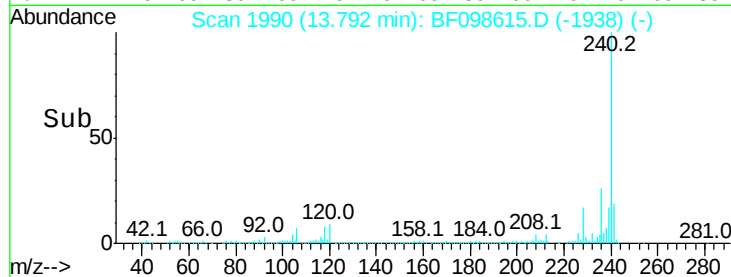
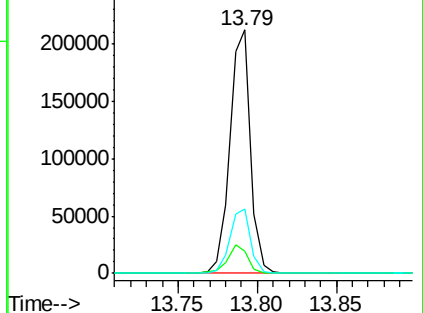
236 26.3 20.5 30.7



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

Pyrene

Concen: 42.212 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

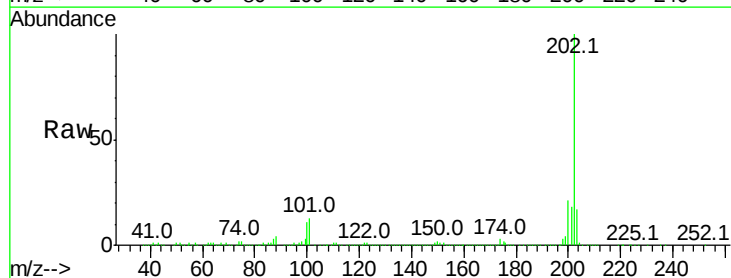
Tgt Ion:202 Resp: 634555

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

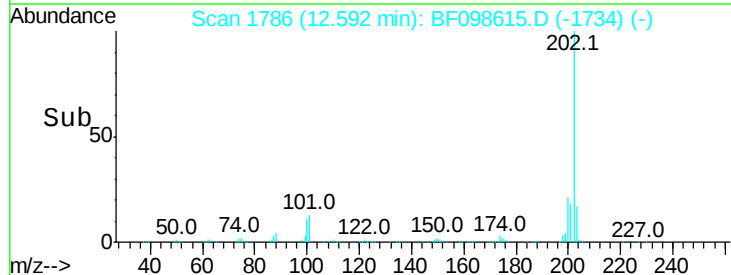
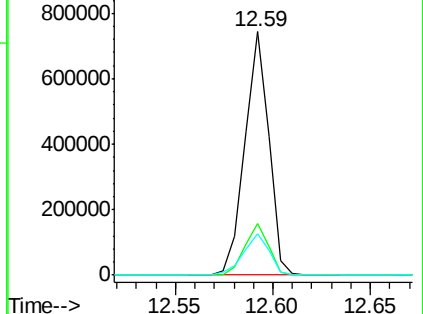
203 17.2 14.4 21.6

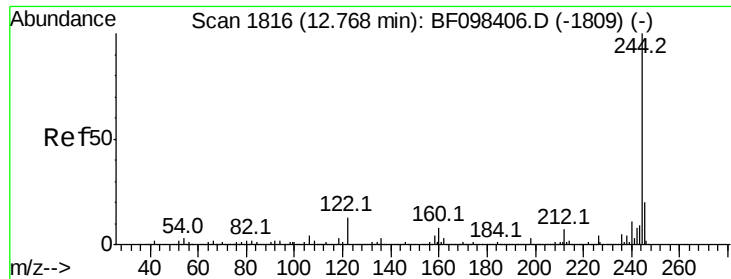


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.935 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

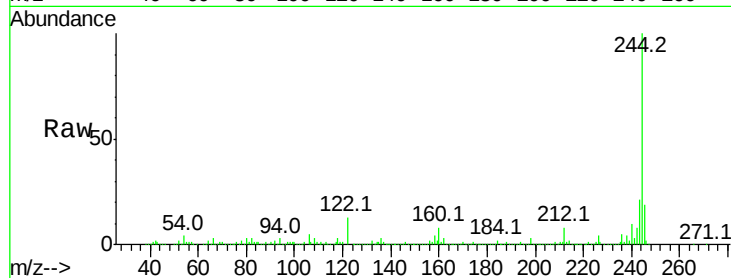
Tot Ion:244 Resp: 714535

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

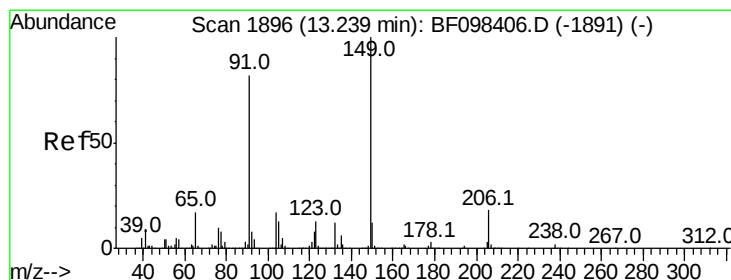
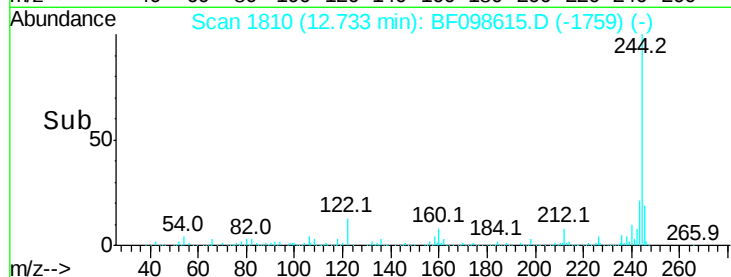
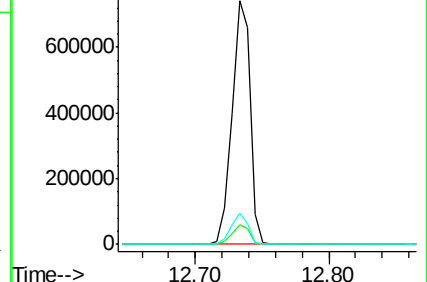
122 12.8 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 48.033 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

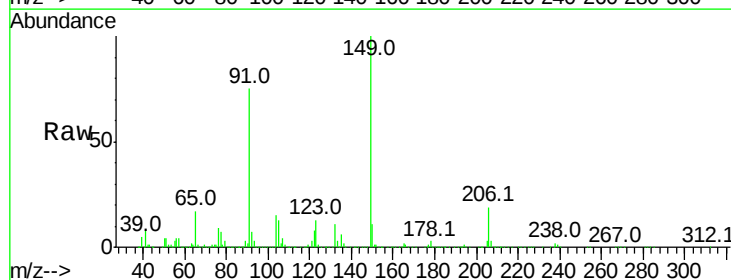
Tgt Ion:149 Resp: 313251

Ion Ratio Lower Upper

149 100

91 75.3 45.0 67.4#

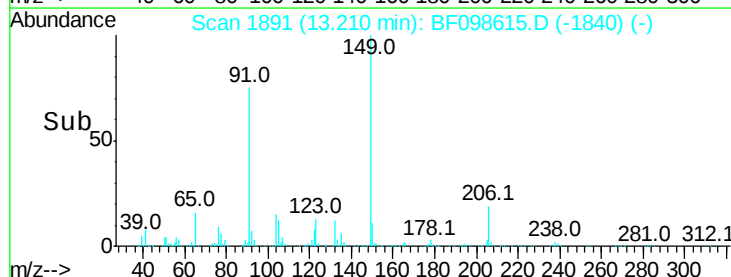
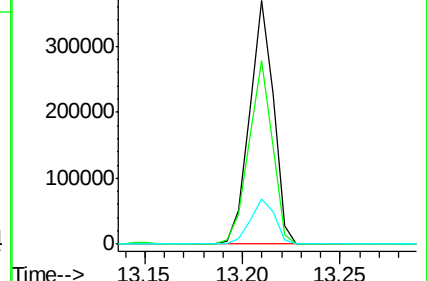
206 18.7 17.0 25.6

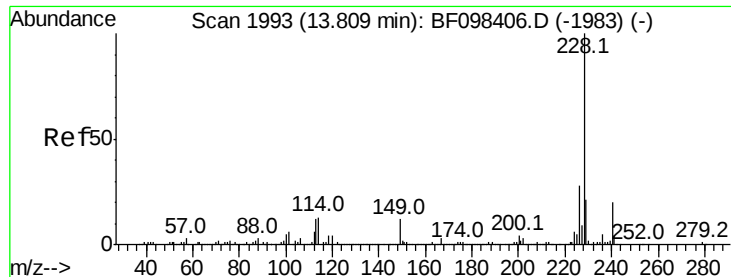


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.329 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

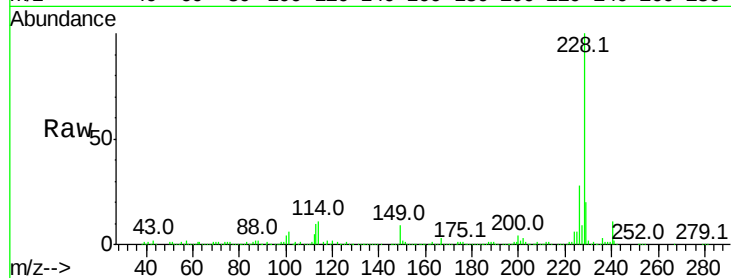
Tot Ion:228 Resp: 528768

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

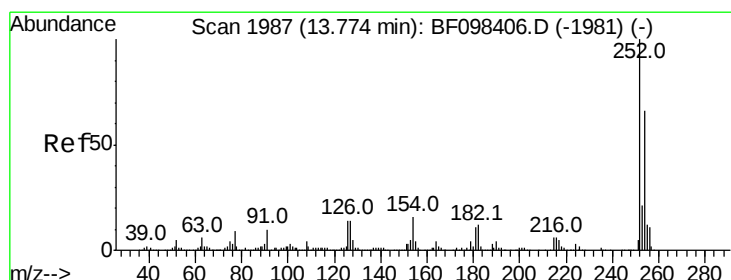
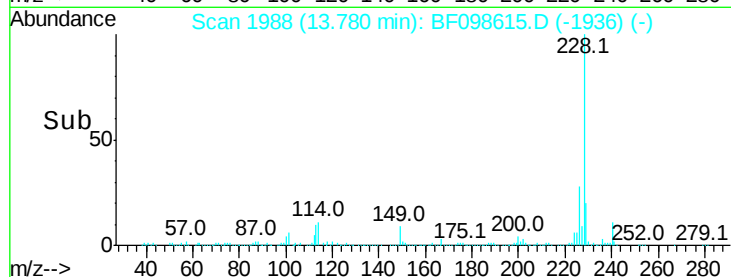
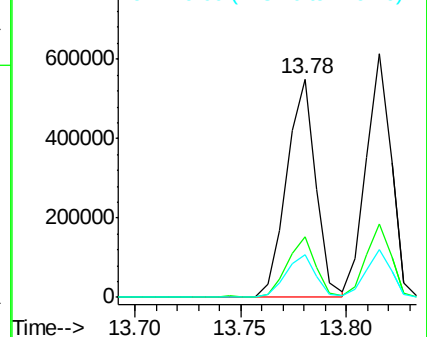
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 37.348 ng

RT: 13.75 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

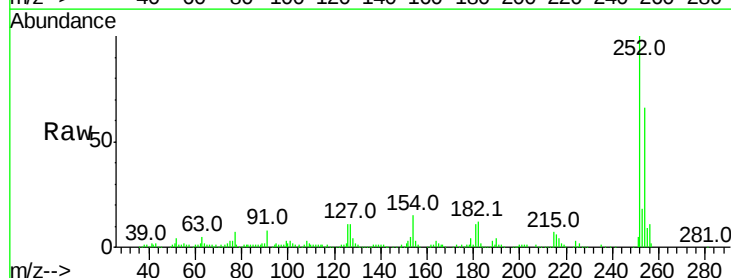
Tgt Ion:252 Resp: 162159

Ion Ratio Lower Upper

252 100

254 65.6 51.5 77.3

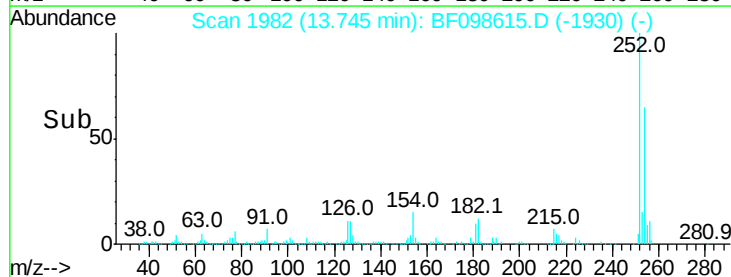
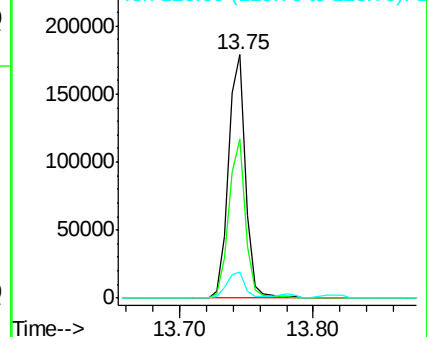
126 10.9 15.8 23.8#

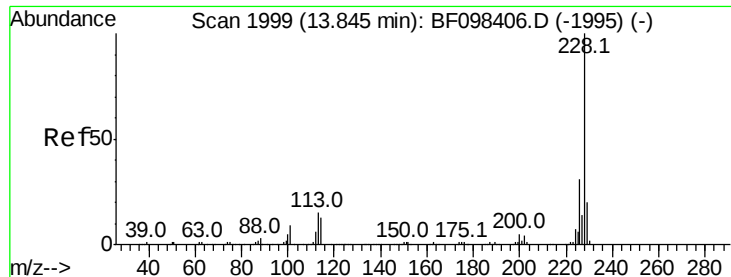


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.390 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

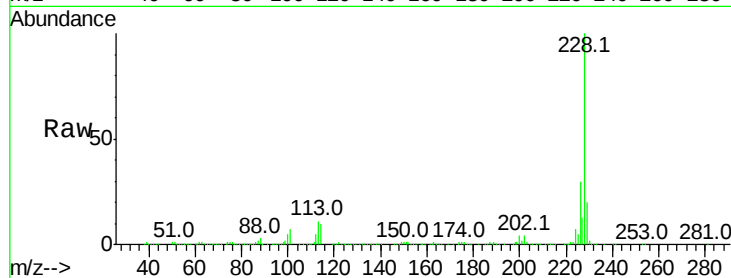
Tot Ion:228 Resp: 512606

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

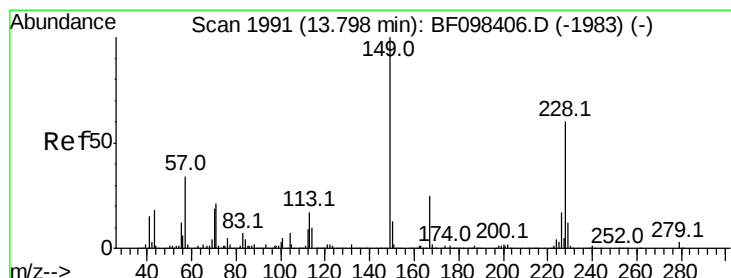
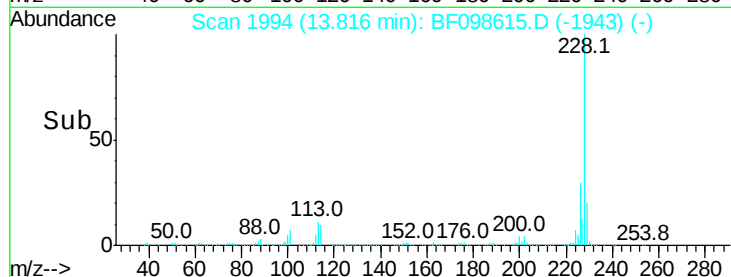
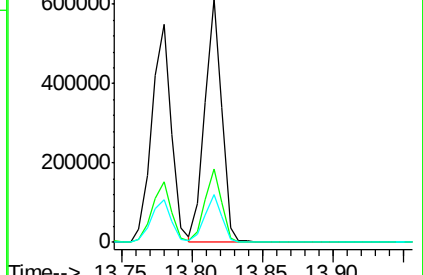
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.786 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

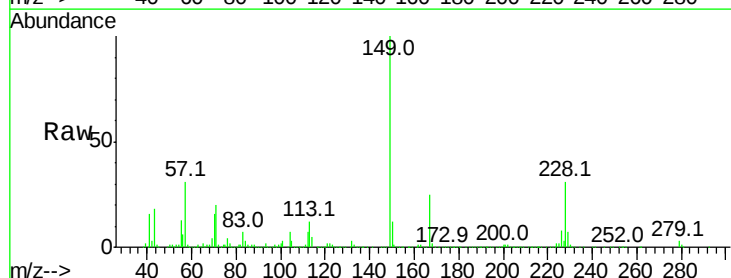
Tgt Ion:149 Resp: 464779

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

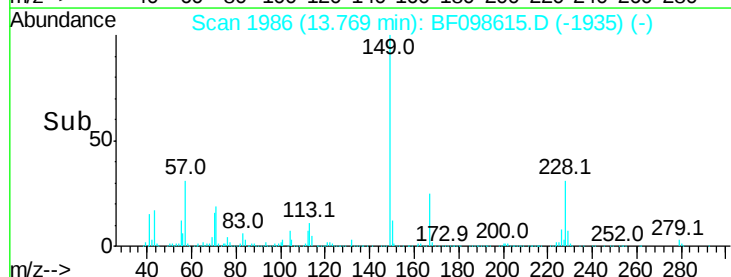
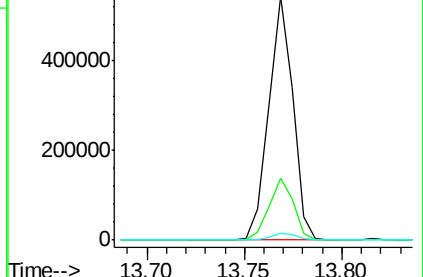
279 2.8 1.9 2.9

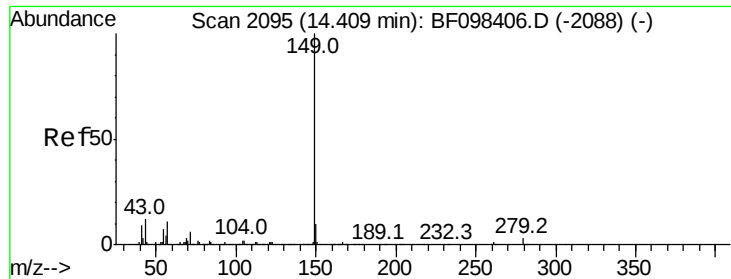


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.463 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

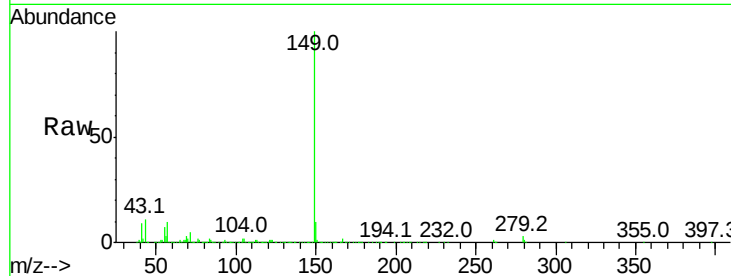
Tot Ion:149 Resp: 764809

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

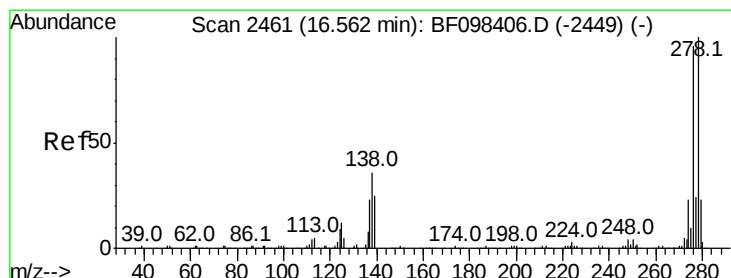
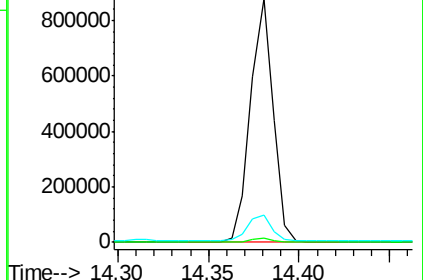
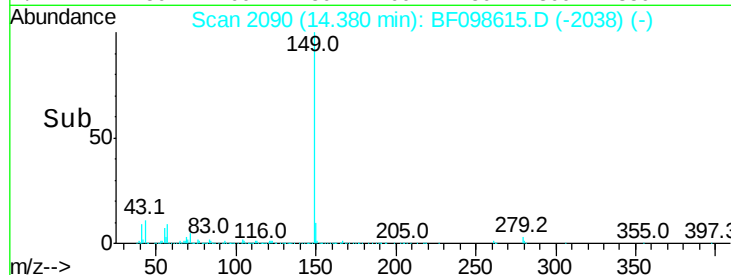
43 11.2 8.5 12.7



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.369 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

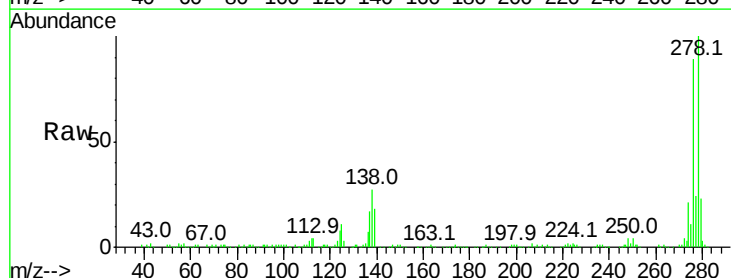
Tgt Ion:276 Resp: 399088

Ion Ratio Lower Upper

276 100

138 27.0 27.8 41.6#

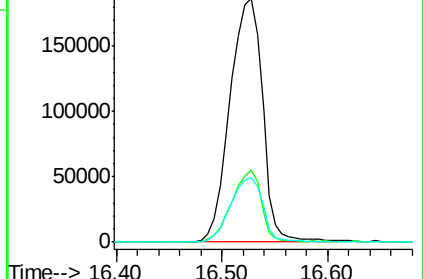
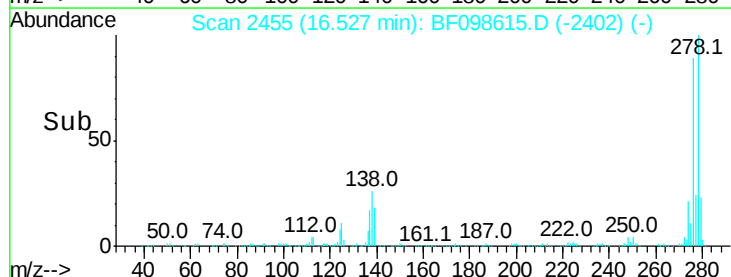
277 26.1 20.2 30.4

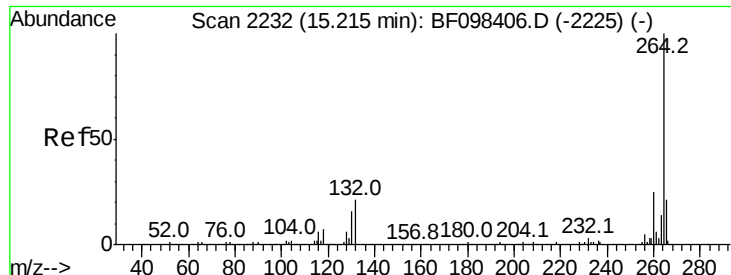


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

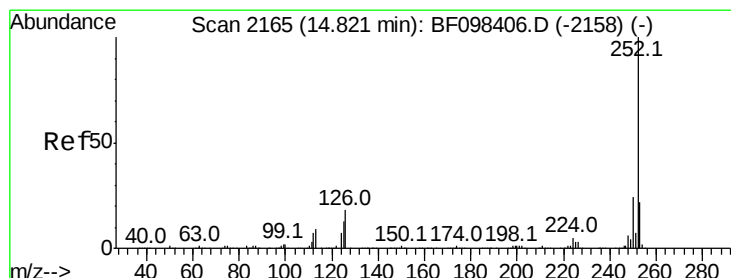
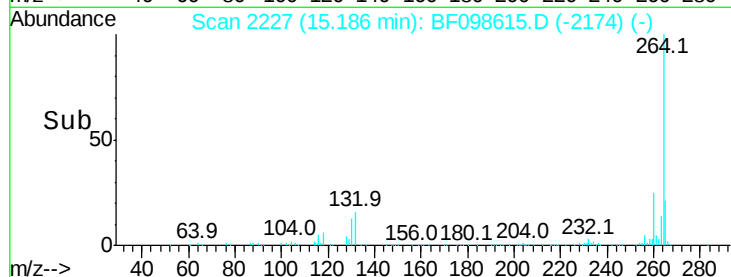
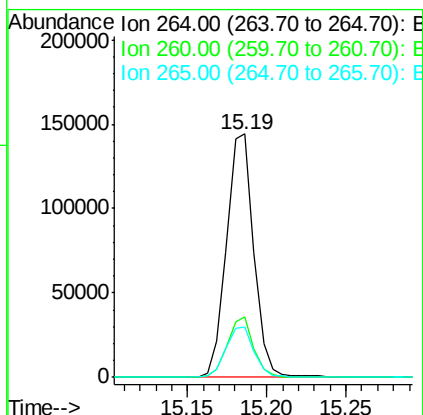
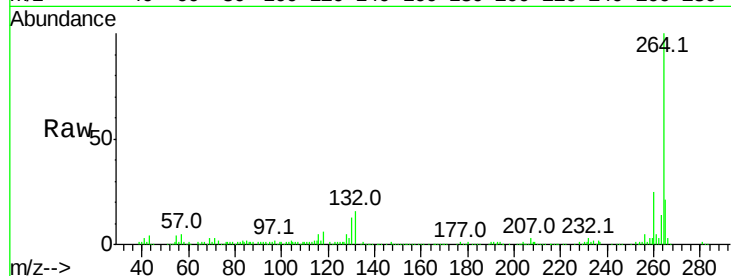




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

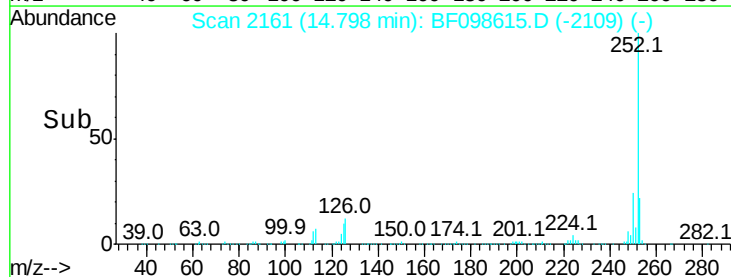
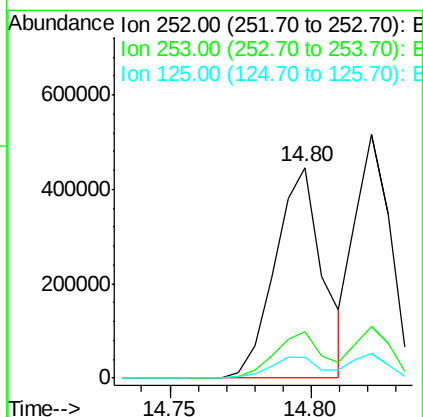
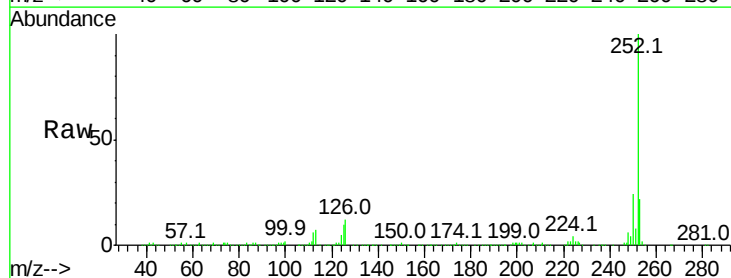
Instrument :
BNA_F
ClientSampleId :

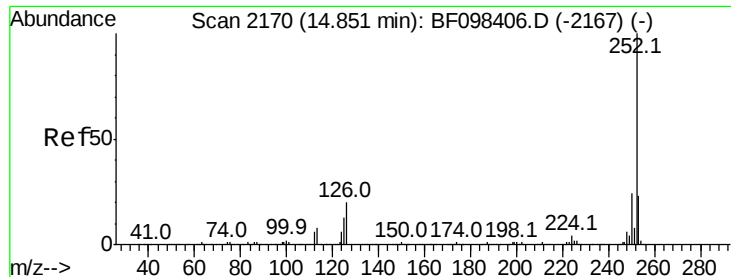
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.8	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 48.243 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.9	9.8	14.8

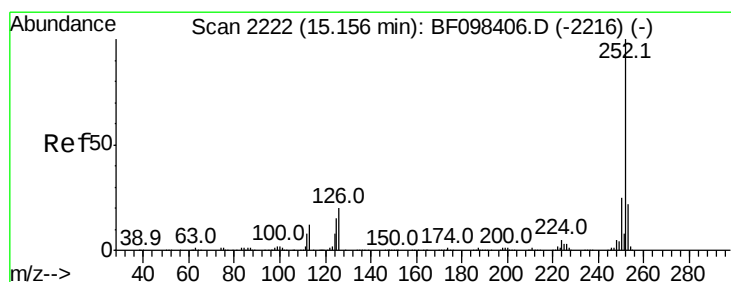
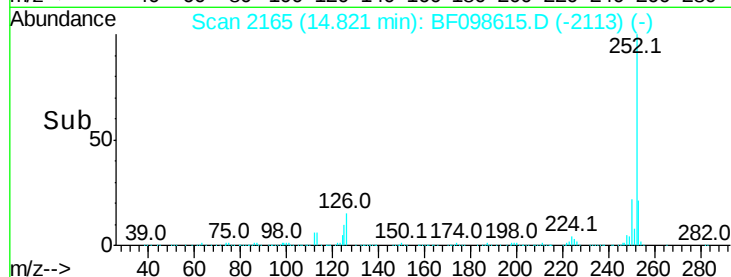
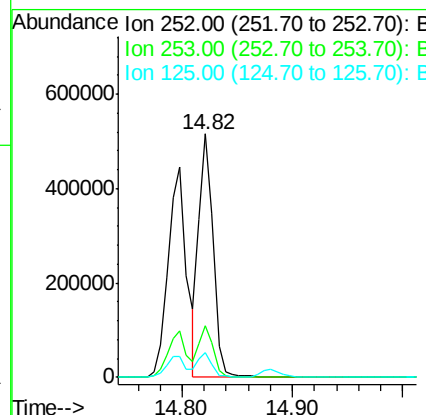
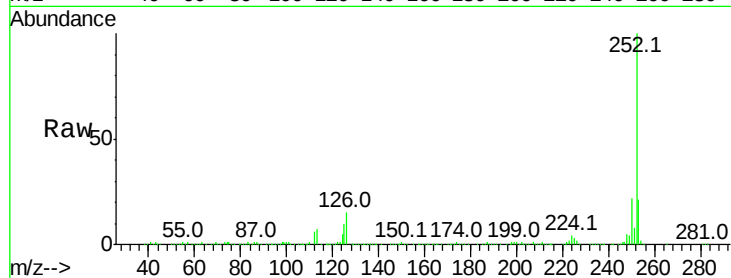




#88
Benzo(k)fluoranthene
Concen: 45.404 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

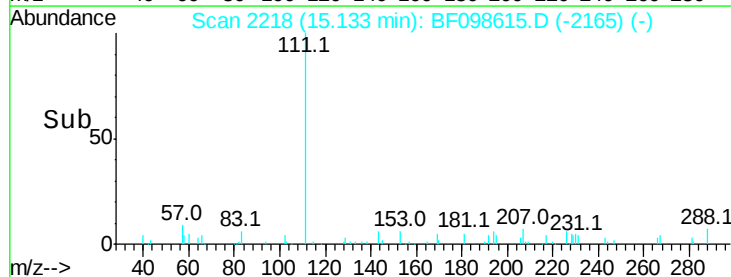
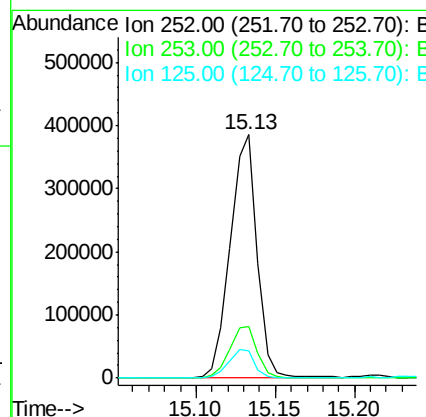
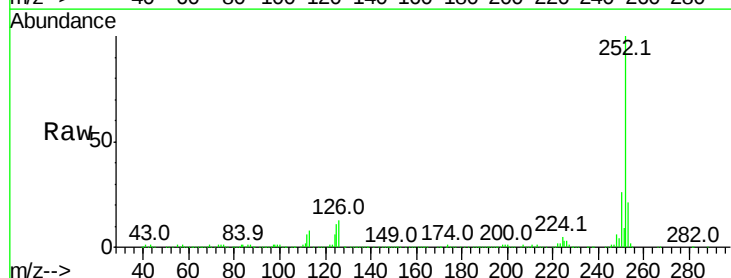
Instrument :
BNA_F
ClientSampleId :

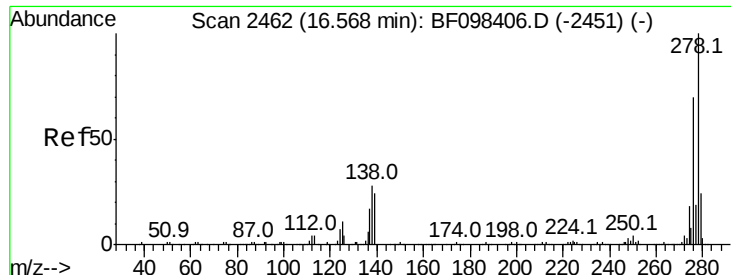
Tot Ion:252 Resp: 458973
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 10.3 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 46.943 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:252 Resp: 452843
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 11.2 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 49.690 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

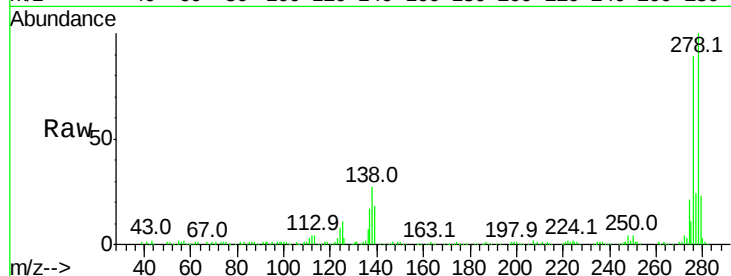
Tot Ion:278 Resp: 348692

Ion Ratio Lower Upper

278 100

139 18.0 16.6 24.8

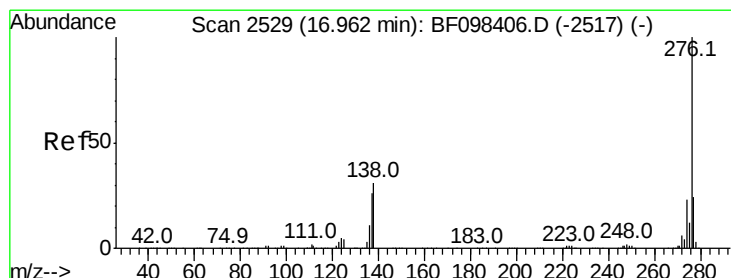
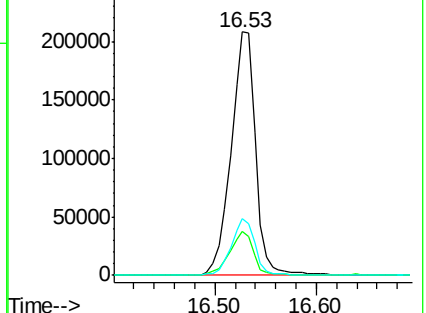
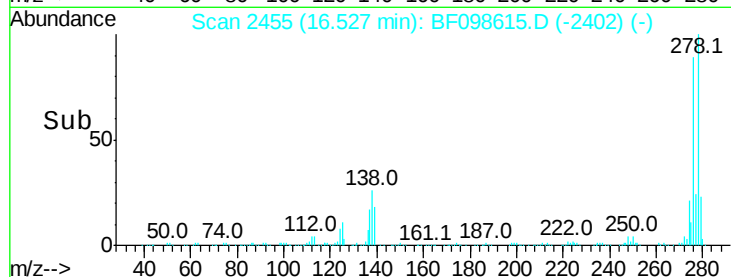
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.694 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

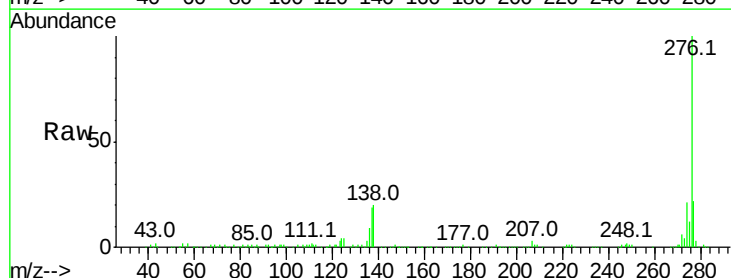
Tgt Ion:276 Resp: 315456

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 19.8 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

