

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099498.D
 Acq On : 15 Oct 2017 1:43
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 03:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109921	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	453898	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	193114	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	321341	20.00	ng	0.00
75) Chrysene-d12	14.02	240	171299	20.00	ng	0.00
86) Perylene-d12	15.49	264	175473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	573313	83.03	ng	0.00
7) Phenol-d6	6.49	99	688505	80.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	560339	79.17	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	120199	76.07	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	999256	86.38	ng	0.00
78) Terphenyl-d14	12.96	244	758942	100.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	132189	40.076	ng	94
3) Pyridine	3.39	79	329343	36.910	ng	92
4) n-Nitrosodimethylamine	3.35	42	129475	34.218	ng	84
6) Aniline	6.52	93	445282	38.732	ng	99
8) 2-Chlorophenol	6.65	128	323448	41.364	ng	93
9) Benzaldehyde	6.41	77	173398	35.093	ng	95
10) Phenol	6.51	94	403091	42.313	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	294190	39.723	ng	98
12) 1,3-Dichlorobenzene	6.79	146	338563	41.342	ng	98
13) 1,4-Dichlorobenzene	6.87	146	347561	41.713	ng	97
14) 1,2-Dichlorobenzene	7.03	146	317757	41.273	ng	97
15) Benzyl Alcohol	7.00	79	220380	35.267	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	395481	34.275	ng	91
17) 2-Methylphenol	7.11	107	254300	39.745	ng	97
18) Hexachloroethane	7.36	117	118103	39.435	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	183754	33.788	ng	95
20) 3+4-Methylphenols	7.26	107	296539	36.636	ng	# 75
22) Acetophenone	7.27	105	404713	36.802	ng	# 99
24) Nitrobenzene	7.45	77	318145	39.625	ng	91
25) Isophorone	7.68	82	544969	37.242	ng	97
26) 2-Nitrophenol	7.76	139	174294	45.144	ng	89
27) 2,4-Dimethylphenol	7.79	122	267395	36.673	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	359749	39.449	ng	100
29) 2,4-Dichlorophenol	8.00	162	256983	41.051	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	260483	41.603	ng	98
31) Naphthalene	8.16	128	850042	39.875	ng	99
32) Benzoic acid	7.92	122	80508	13.442	ng	98
33) 4-Chloroaniline	8.21	127	358762	40.300	ng	97
34) Hexachlorobutadiene	8.27	225	132236	41.004	ng	96
35) Caprolactam	8.59	113	71407	35.560	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	267212	37.976	ng	97
37) 2-Methylnaphthalene	8.85	142	548423	39.573	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	252616	43.863	ng	99
40) Hexachlorocyclopentadiene	9.00	237	81677	31.033	ng	98

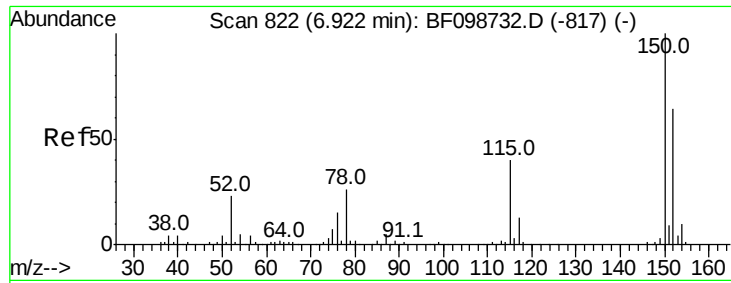
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099498.D
 Acq On : 15 Oct 2017 1:43
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 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	160047	39.227	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	160241	39.343	ng	95
45) 1,1'-Biphenyl	9.32	154	700284	42.193	ng	98
46) 2-Chloronaphthalene	9.34	162	527762	42.352	ng	98
47) 2-Nitroaniline	9.45	65	151103	39.601	ng	85
48) Acenaphthylene	9.76	152	781933	40.990	ng	100
49) Dimethylphthalate	9.62	163	612875	42.049	ng	99
50) 2,6-Dinitrotoluene	9.68	165	138419	43.622	ng	92
51) Acenaphthene	9.93	154	461183	38.165	ng	99
52) 3-Nitroaniline	9.86	138	153585	41.511	ng	# 88
53) 2,4-Dinitrophenol	9.97	184	12711	12.962	ng	# 86
54) Dibenzofuran	10.10	168	643410	39.990	ng	100
55) 4-Nitrophenol	10.02	139	101290	32.377	ng	88
56) 2,4-Dinitrotoluene	10.09	165	170802	41.476	ng	# 96
57) Fluorene	10.44	166	540407	41.789	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	99414	35.335	ng	99
59) Diethylphthalate	10.31	149	568156	39.893	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	241147	41.513	ng	99
61) 4-Nitroaniline	10.47	138	146517	41.047	ng	92
62) Azobenzene	10.59	77	492531	37.612	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	43811	22.408	ng	91
65) n-Nitrosodiphenylamine	10.55	169	475010	42.670	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	136294	43.331	ng	90
67) Hexachlorobenzene	10.99	284	143510	42.719	ng	# 90
68) Atrazine	11.07	200	138679	41.405	ng	98
69) Pentachlorophenol	11.19	266	76988	36.823	ng	98
70) Phenanthrene	11.40	178	710401	41.301	ng	100
71) Anthracene	11.46	178	733140	41.657	ng	99
72) Carbazole	11.62	167	681404	39.537	ng	99
73) Di-n-butylphthalate	11.93	149	840685	40.525	ng	98
74) Fluoranthene	12.59	202	644276	36.990	ng	100
76) Benzidine	12.72	184	175530	27.705	ng	98
77) Pyrene	12.82	202	637219	48.783	ng	100
79) Butylbenzylphthalate	13.43	149	271957	44.300	ng	98
80) Benzo(a)anthracene	14.01	228	431665	41.616	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	146643	38.565	ng	99
82) Chrysene	14.05	228	418974	42.427	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	330919	39.148	ng	# 99
84) Di-n-octyl phthalate	14.59	149	542855	39.883	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	524146	66.351	ng	97
87) Benzo(b)fluoranthene	15.06	252	401209	37.188	ng	97
88) Benzo(k)fluoranthene	15.09	252	427242	40.094	ng	99
89) Benzo(a)pyrene	15.43	252	410688	41.470	ng	97
90) Dibenzo(a,h)anthracene	17.00	278	425754	53.719	ng	99
91) Benzo(g,h,i)perylene	17.43	276	450115	57.454	ng	96

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

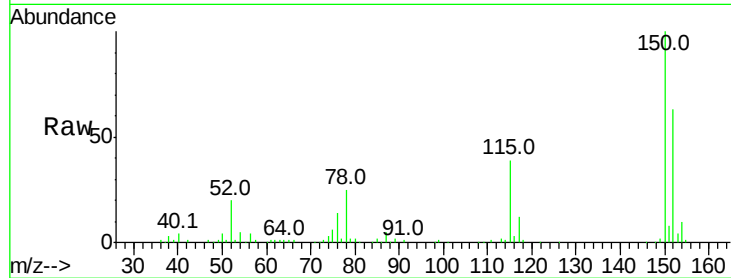


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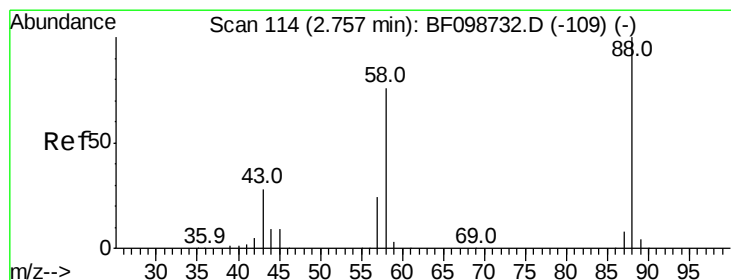
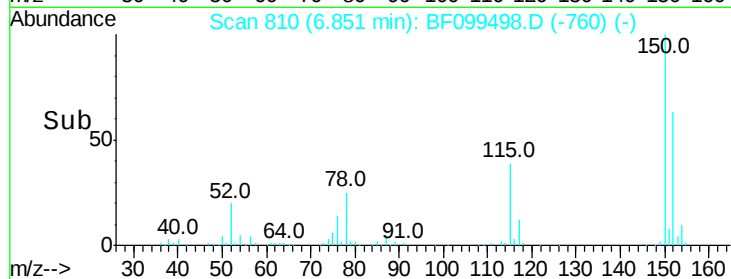
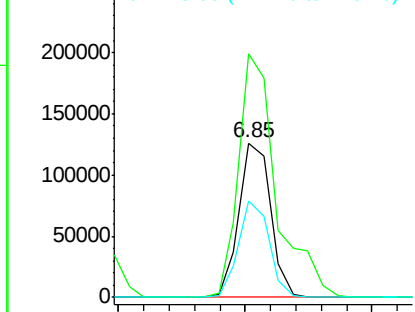
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109921
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.3 50.1 75.1



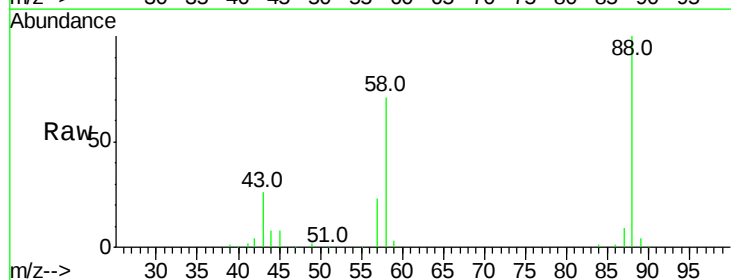
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



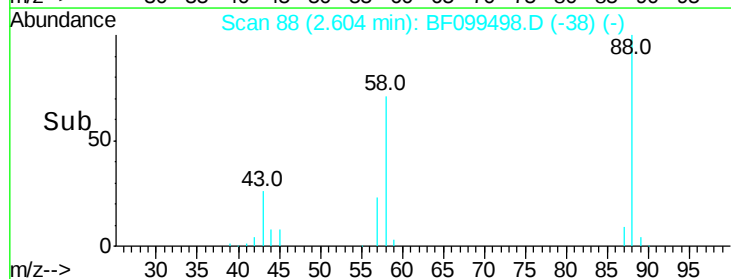
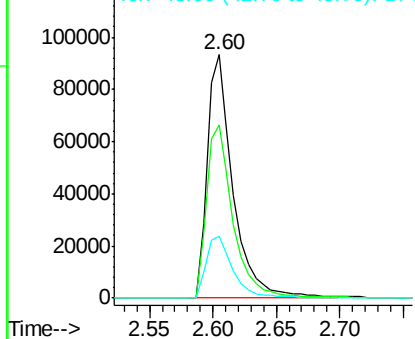
#2

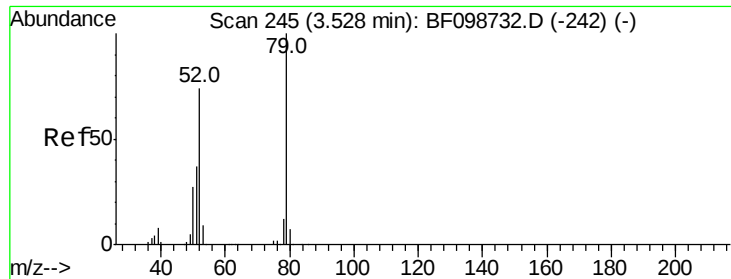
1,4-Dioxane
Concen: 40.076 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion: 88 Resp: 132189
Ion Ratio Lower Upper
88 100
58 73.4 62.6 93.8
43 26.4 24.6 37.0



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: 36.910 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

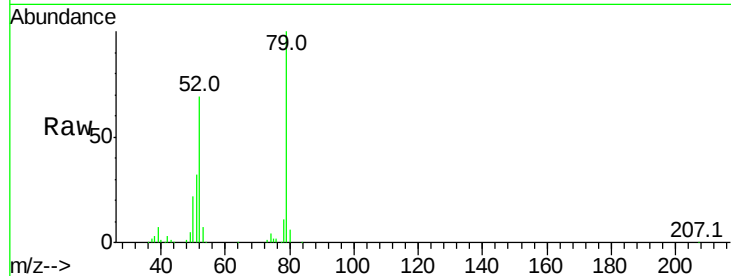
Tot Ion: 79 Resp: 329343

Ion Ratio Lower Upper

79 100

52 68.8 59.8 89.6

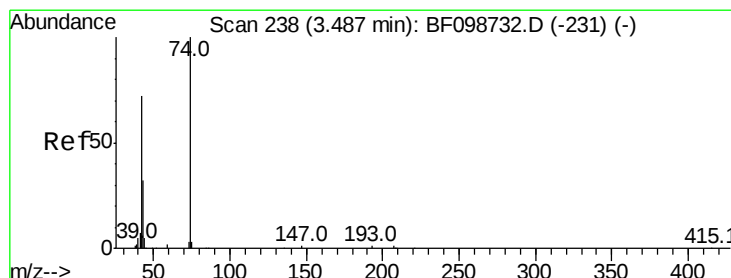
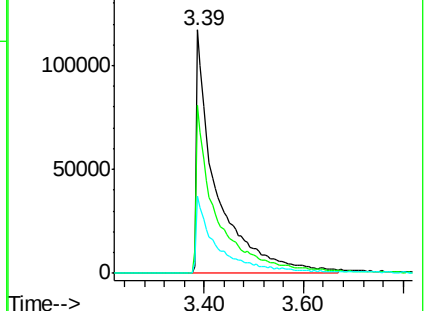
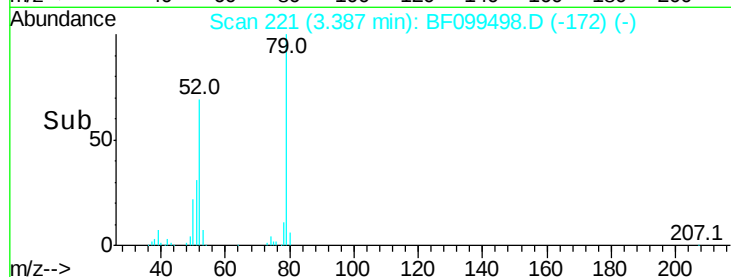
51 31.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.218 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

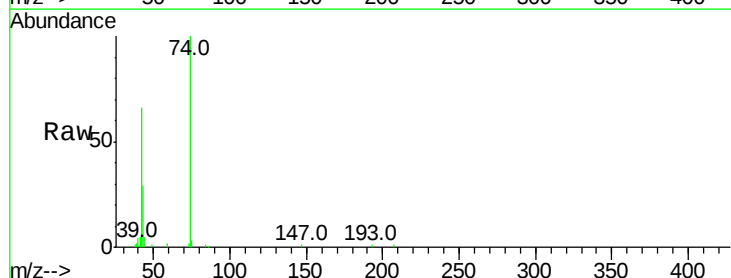
Tgt Ion: 42 Resp: 129475

Ion Ratio Lower Upper

42 100

74 150.7 104.9 157.3

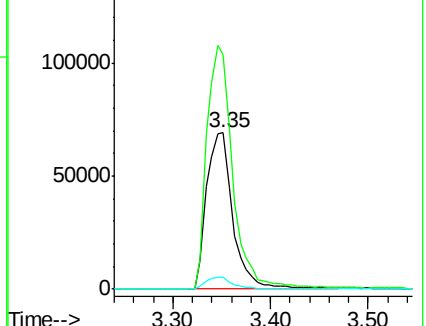
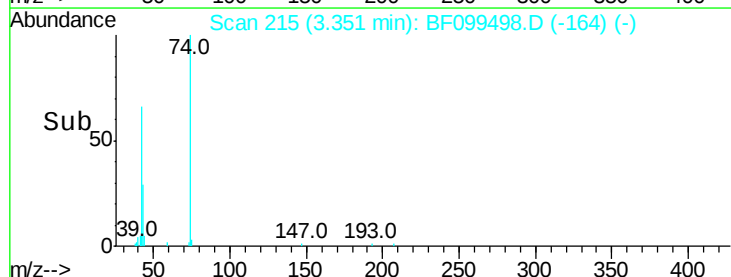
44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.028 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

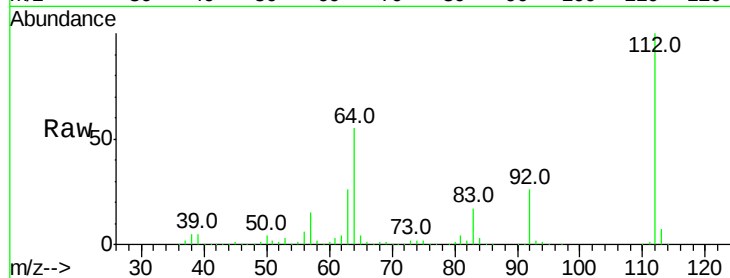
Tot Ion:112 Resp: 573313

Ion Ratio Lower Upper

112 100

64 54.7 47.9 71.9

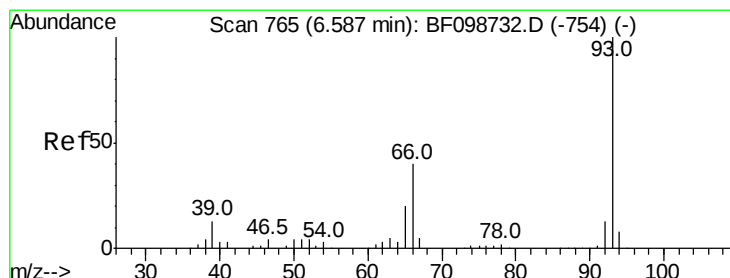
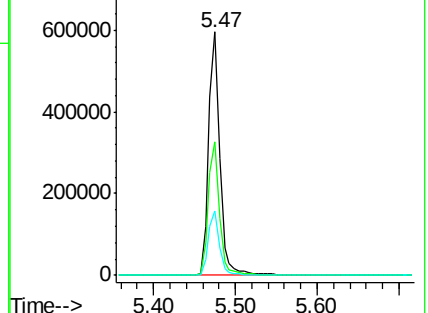
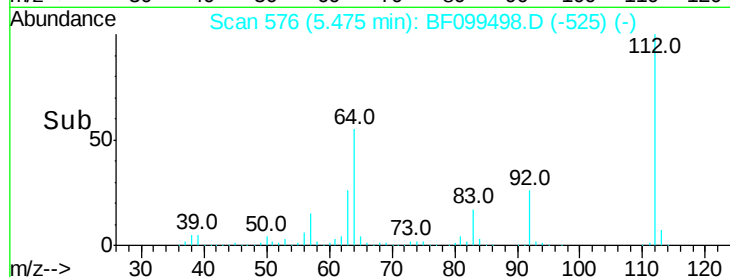
63 26.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.732 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

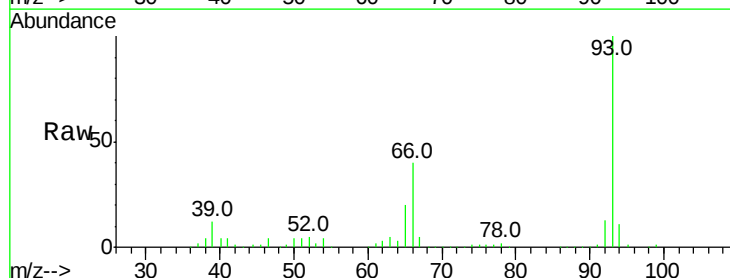
Tgt Ion: 93 Resp: 445282

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

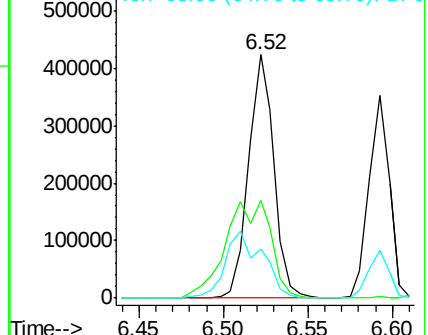
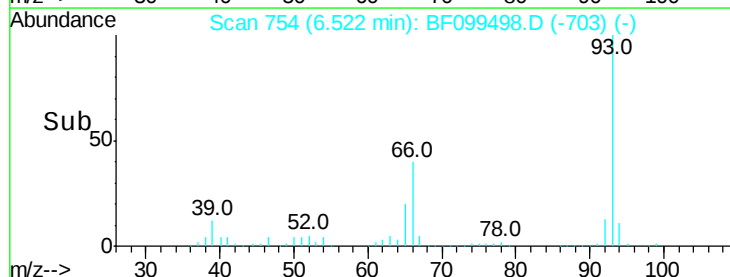
65 20.1 16.4 24.6

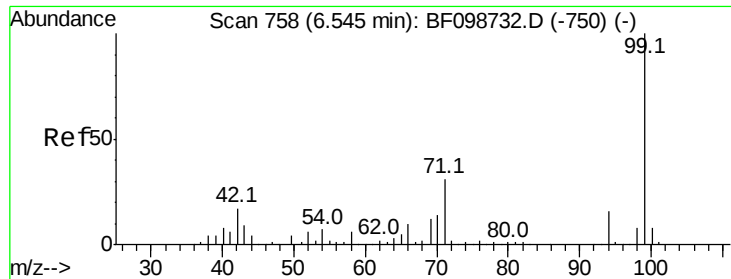


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.828 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

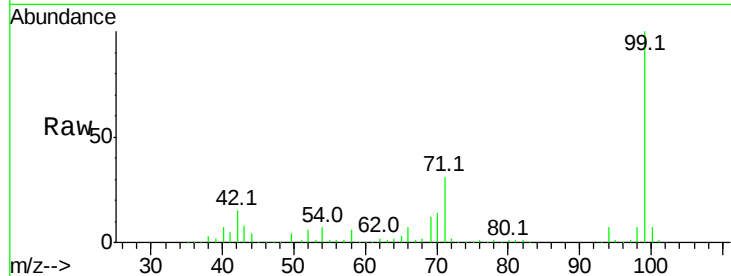
Tot Ion: 99 Resp: 688505

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

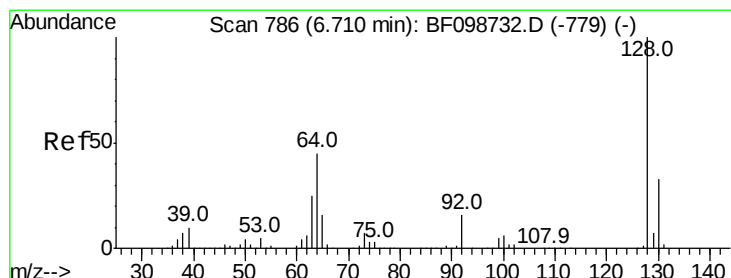
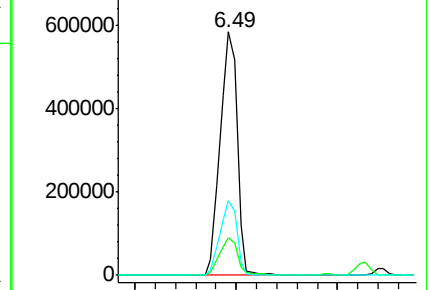
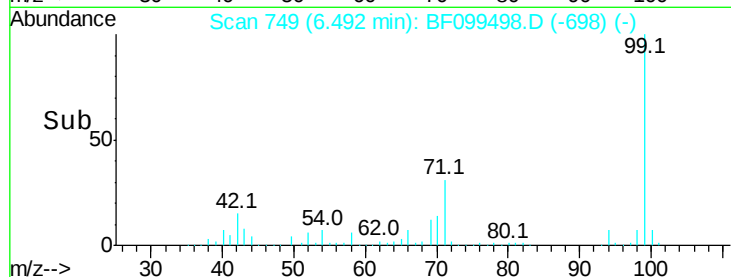
71 30.7 25.4 38.0



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: 41.364 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

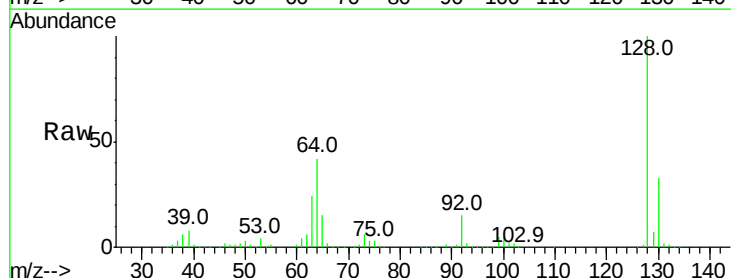
Tgt Ion: 128 Resp: 323448

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

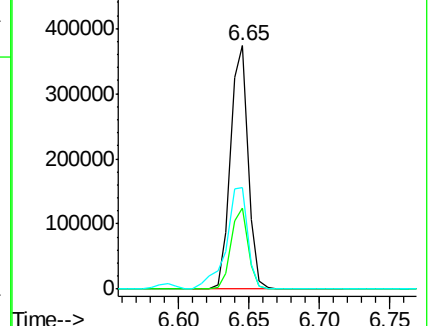
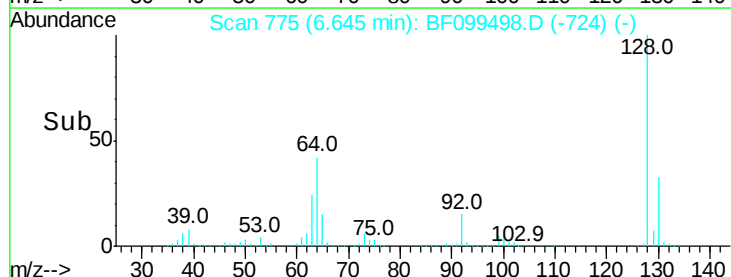
64 41.6 29.4 69.4

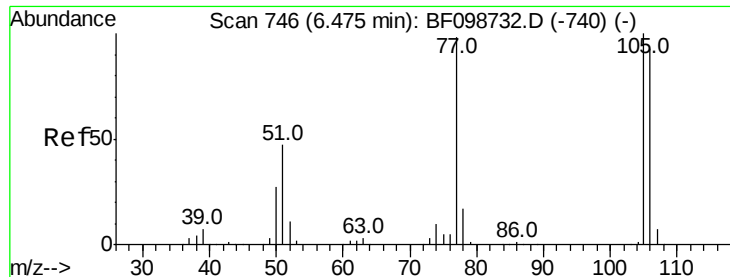


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.093 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

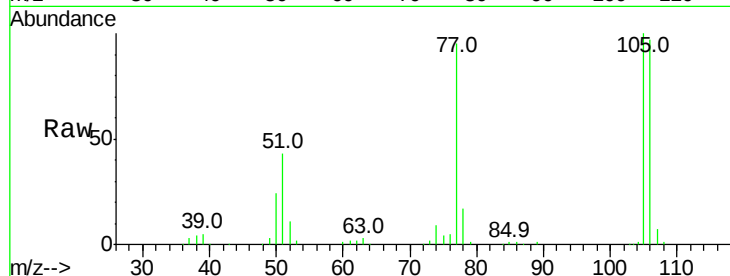
Tot Ion: 77 Resp: 173398

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

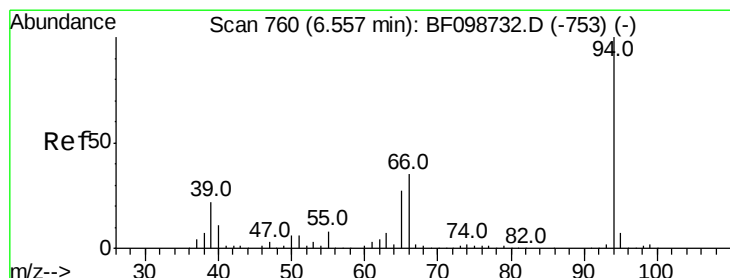
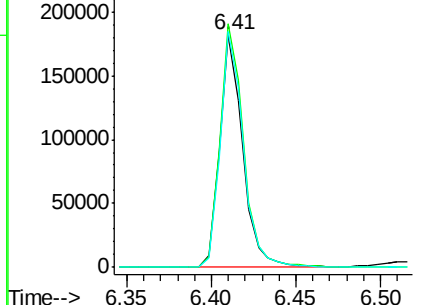
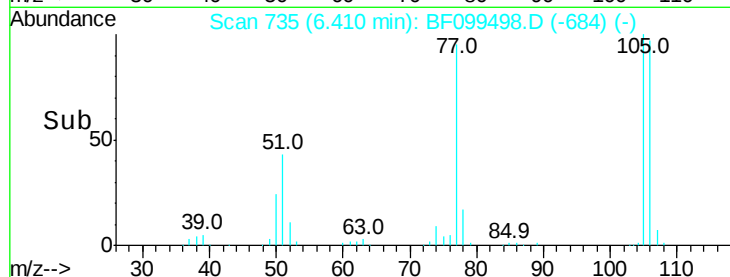
106 101.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.313 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

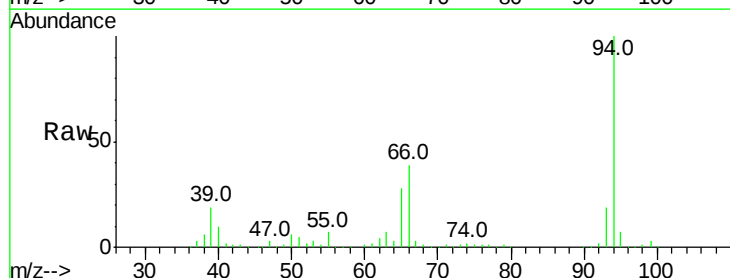
Tgt Ion: 94 Resp: 403091

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

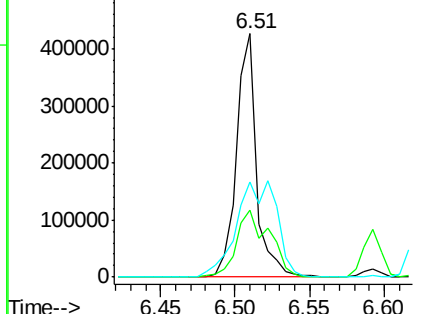
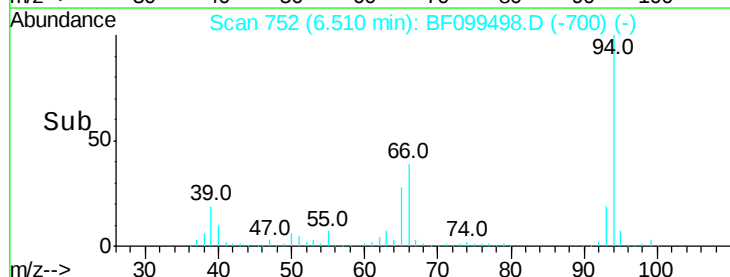
66 39.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

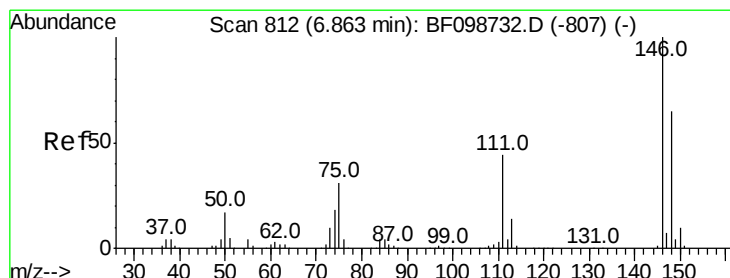
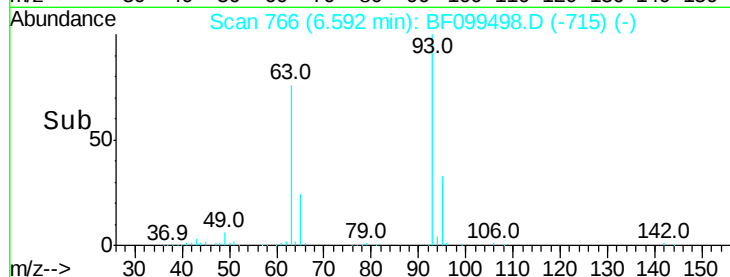
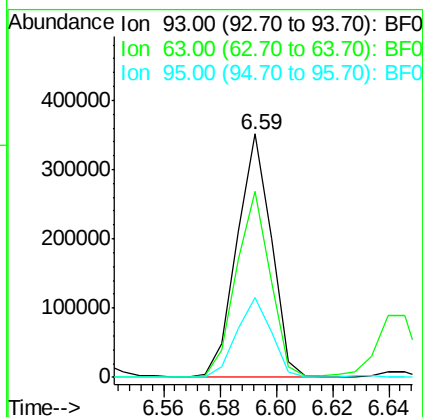
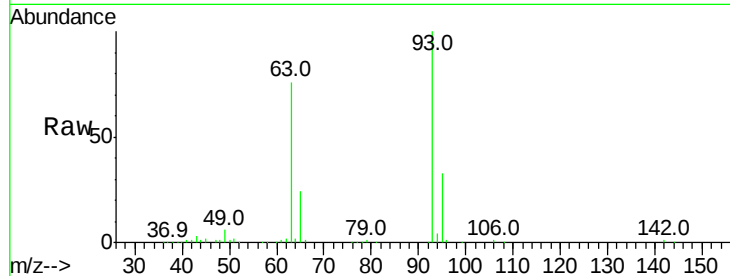




#11
bis(2-Chloroethyl)ether
Concen: 39.723 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

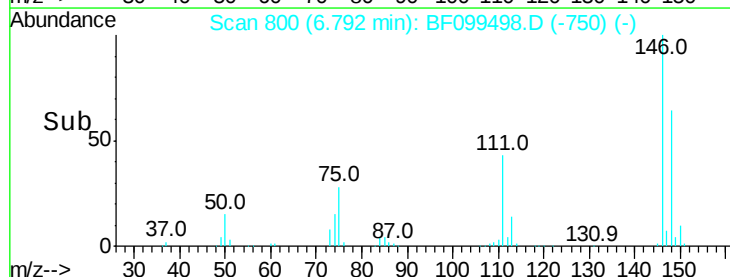
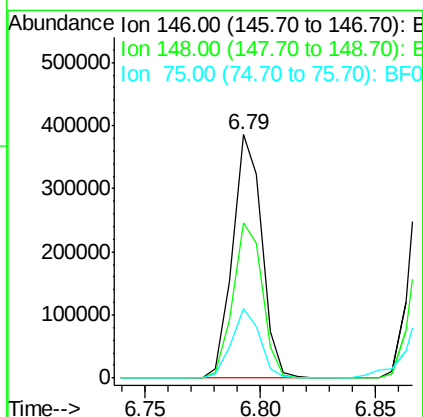
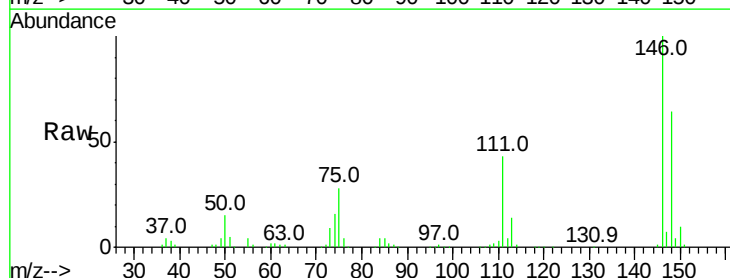
Instrument :
BNA_F
ClientSampleId :

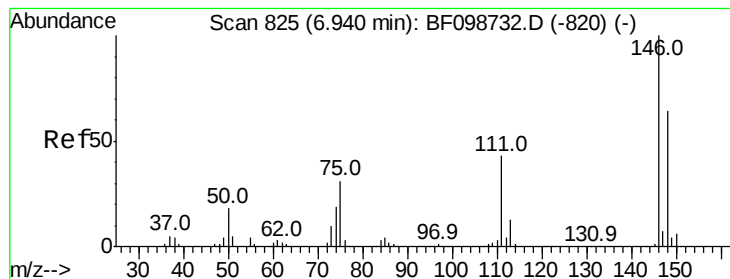
Tot Ion: 93 Resp: 294190
Ion Ratio Lower Upper
93 100
63 76.2 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.342 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion: 146 Resp: 338563
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.713 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

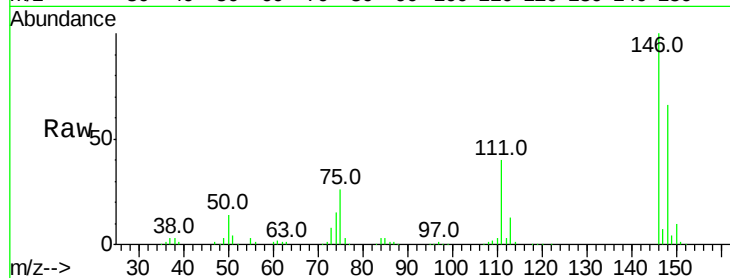
Tot Ion:146 Resp: 347561

Ion Ratio Lower Upper

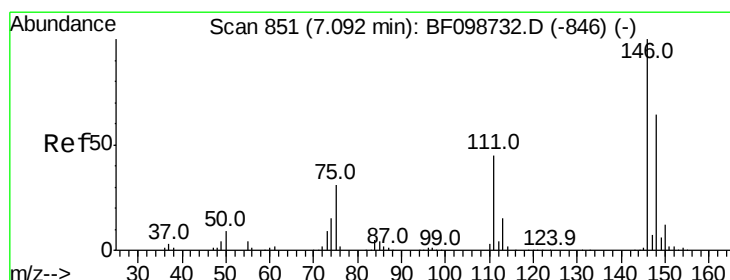
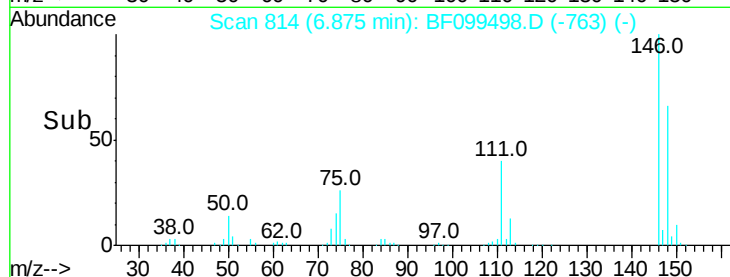
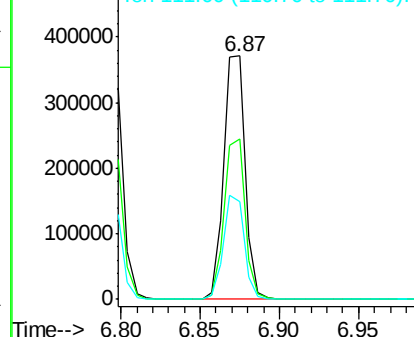
146 100

148 65.7 50.8 76.2

111 40.2 34.2 51.2



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: 41.273 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

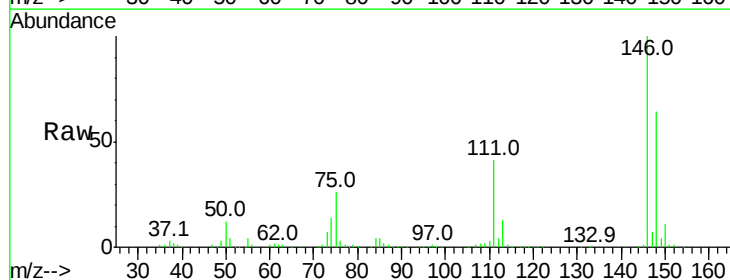
Tgt Ion:146 Resp: 317757

Ion Ratio Lower Upper

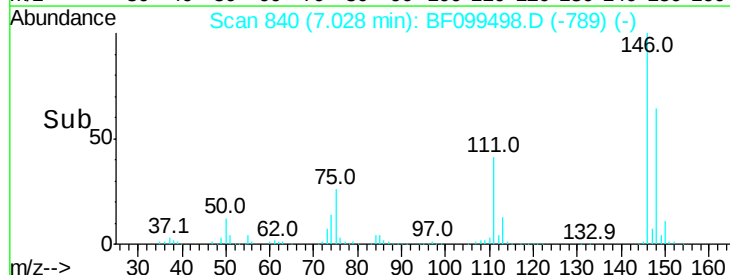
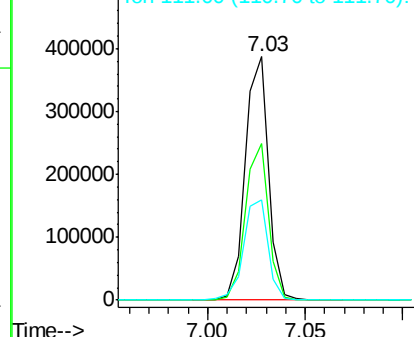
146 100

148 64.1 50.6 75.8

111 41.1 36.0 54.0



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

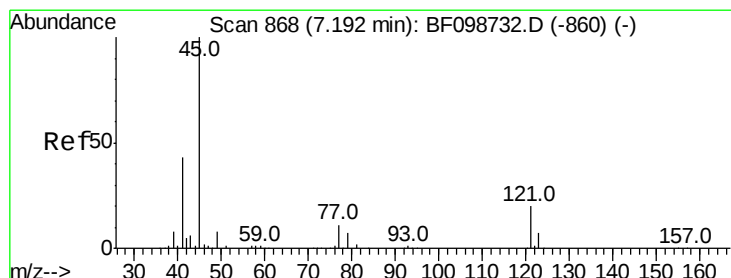
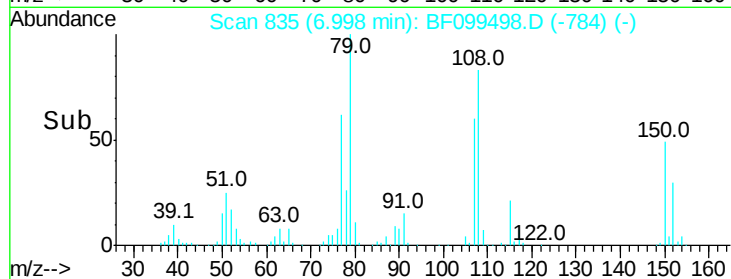
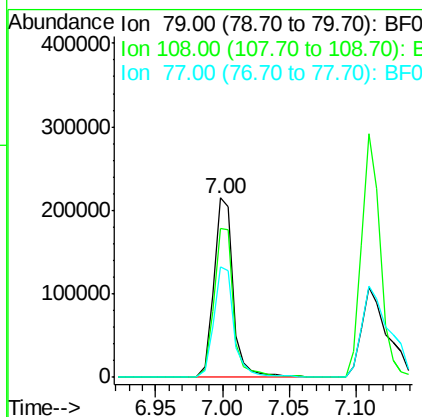
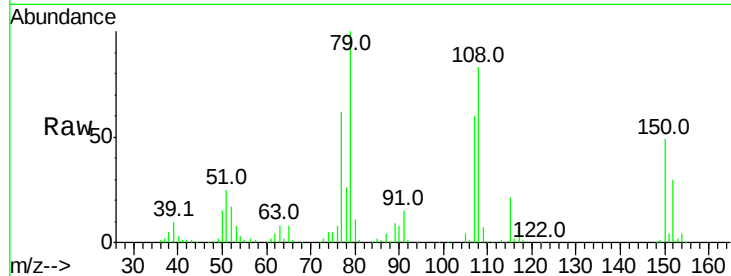




#15
Benzyl Alcohol
Concen: 35.267 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

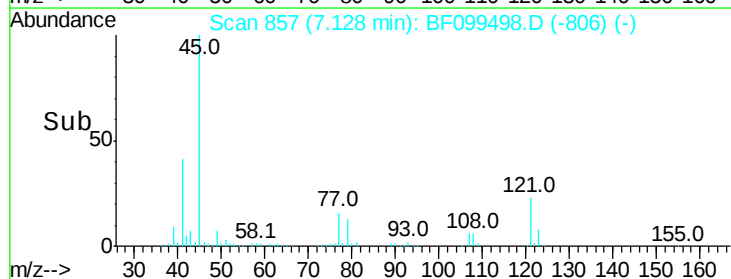
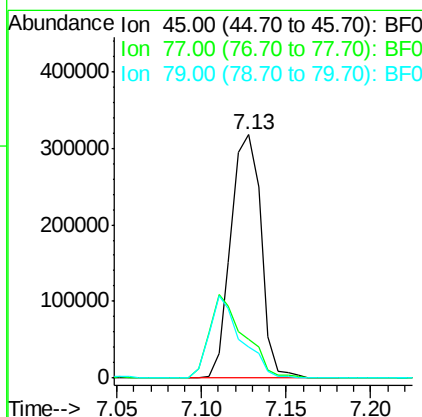
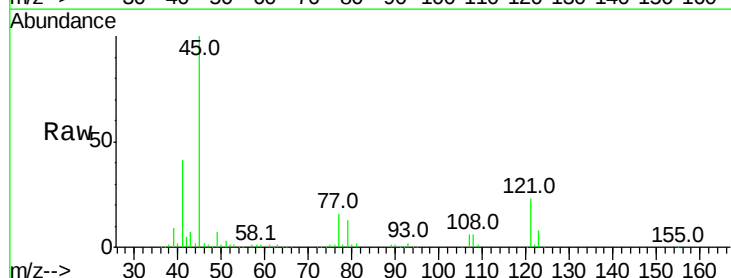
Instrument :
BNA_F
ClientSampleId :

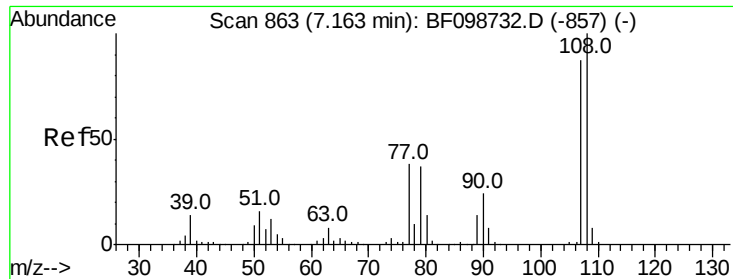
Tot Ion: 79 Resp: 220380
Ion Ratio Lower Upper
79 100
108 83.2 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.275 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion: 45 Resp: 395481
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.9
79 13.0 0.0 29.6





#17

2-Methylphenol

Concen: 39.745 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 254300

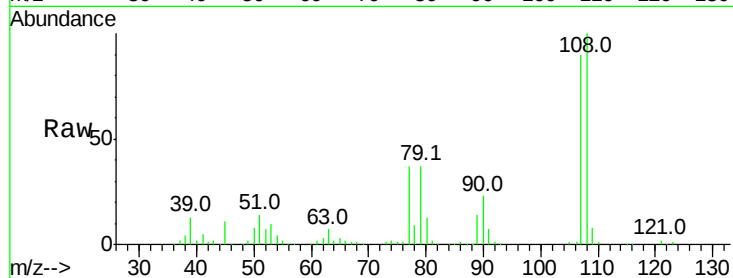
Ion Ratio Lower Upper

107 100

108 110.7 91.7 137.5

77 41.4 33.8 50.8

79 40.7 33.8 50.8

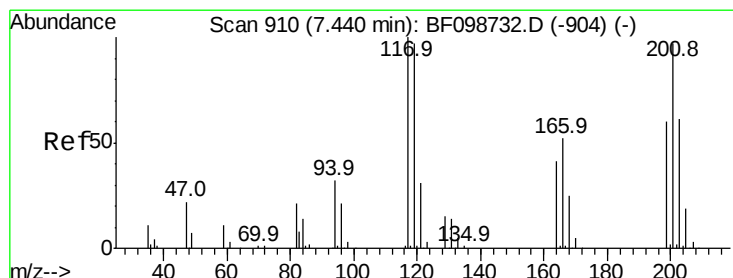
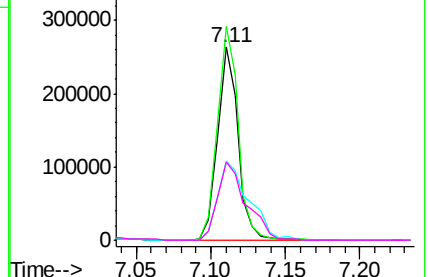
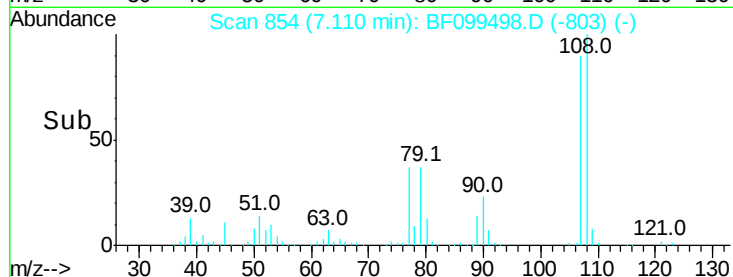


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.435 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

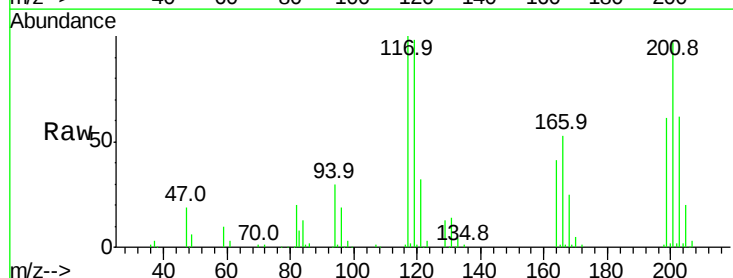
Tgt Ion:117 Resp: 118103

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

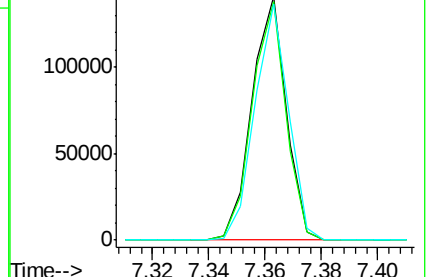
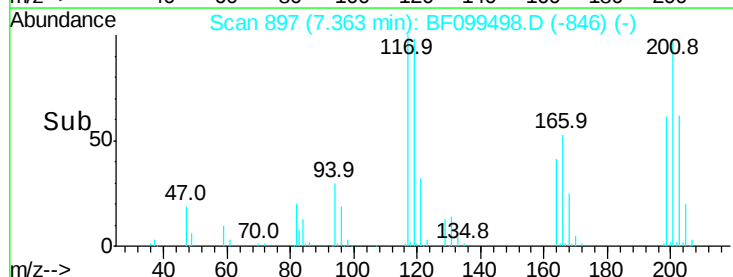
201 96.9 75.7 113.5

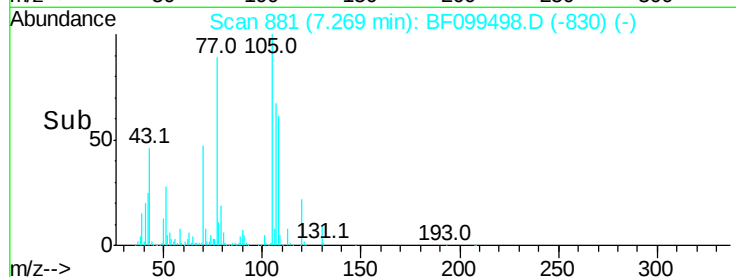
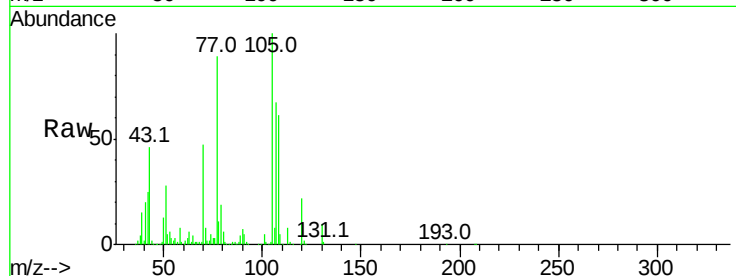
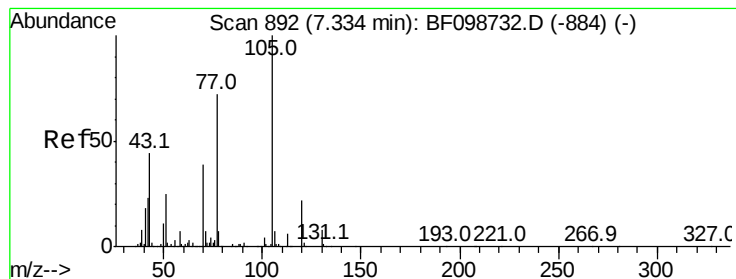


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.788 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099498.D

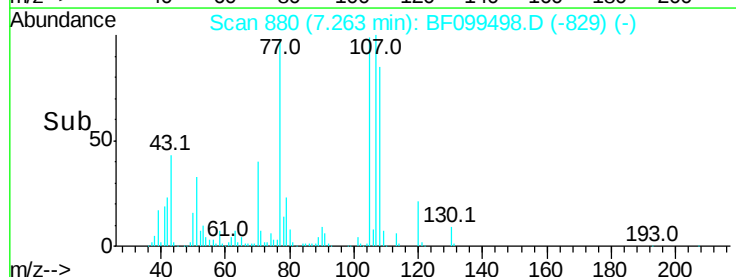
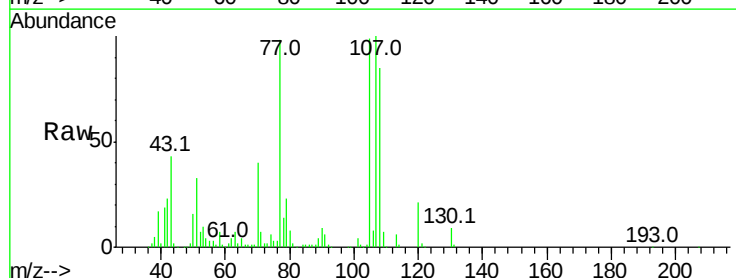
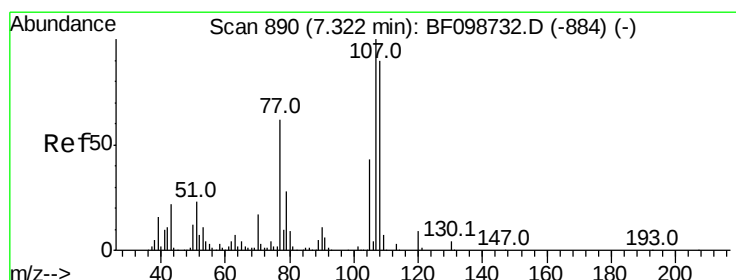
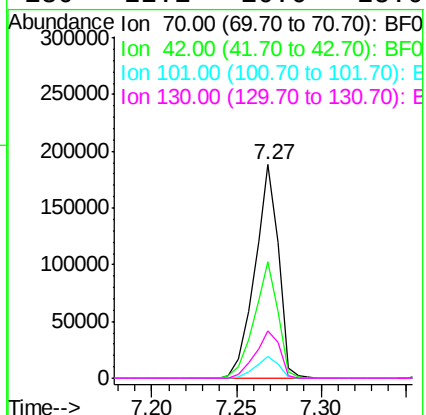
Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	183754
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	9.9	7.4	11.2
130	22.1	16.6	25.0



#20

3+4-Methylphenols

Concen: 36.636 ng

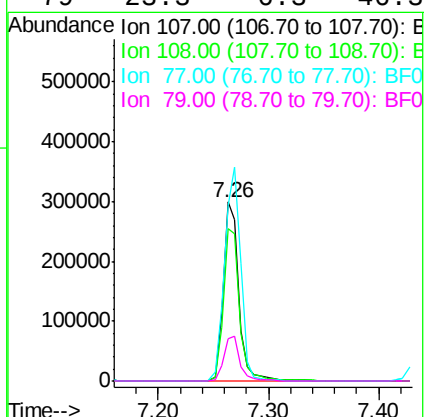
RT: 7.26 min Scan# 880

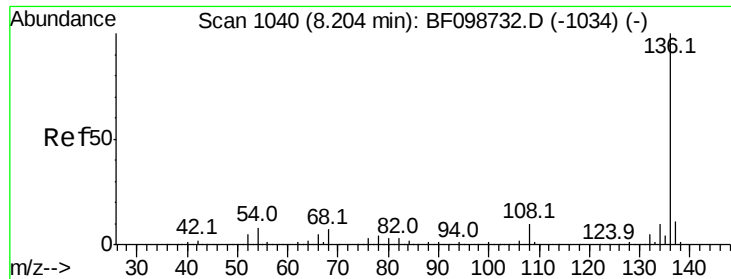
Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Tgt Ion:	107	Resp:	296539
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	98.0	26.7	66.7#
79	23.3	6.3	46.3

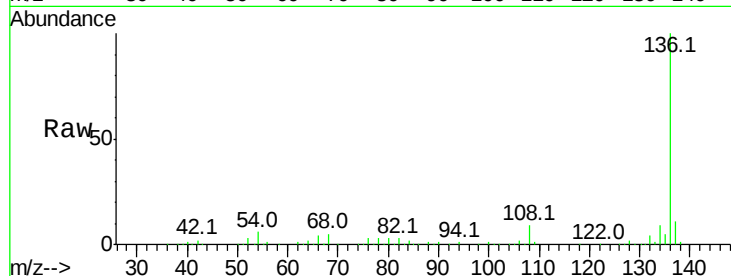




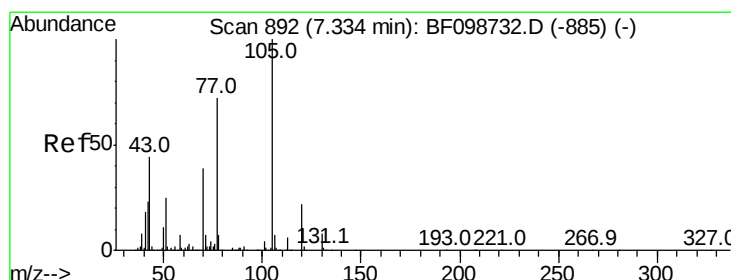
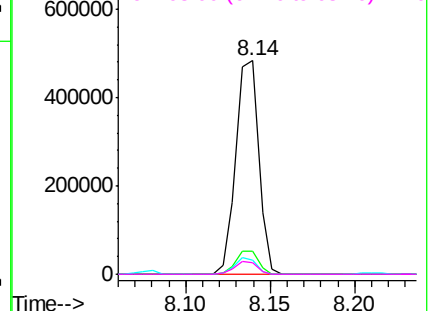
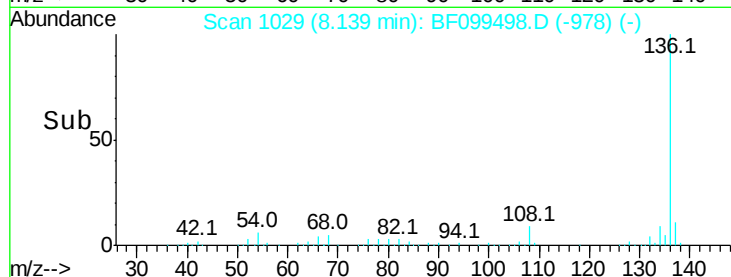
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	453898
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4

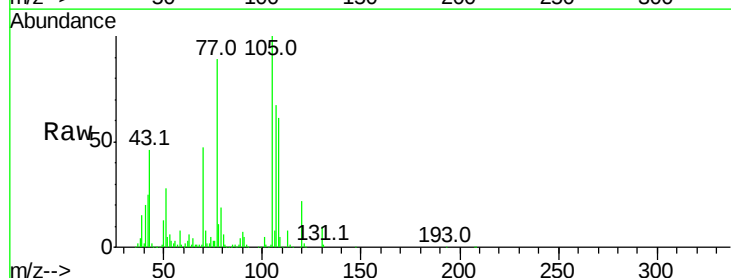


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

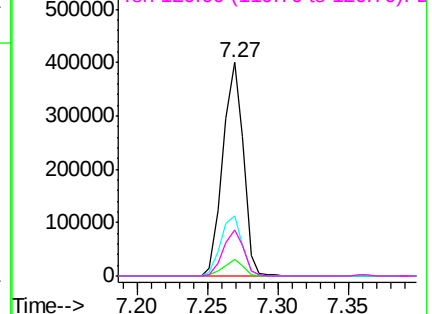
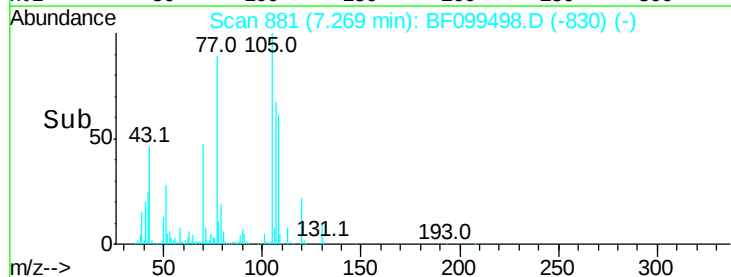


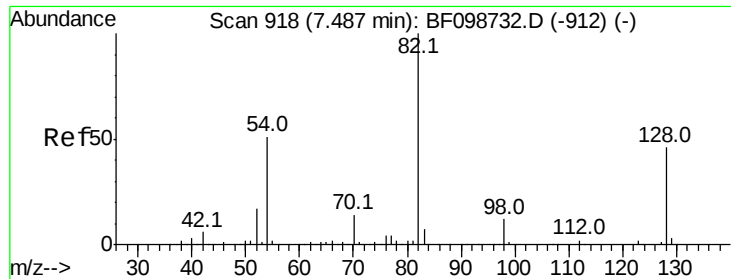
#22
Acetophenone
Concen: 36.802 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:	105	Resp:	404713
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.4	6.6#
51	27.9	22.3	33.5
120	21.6	16.9	25.3



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

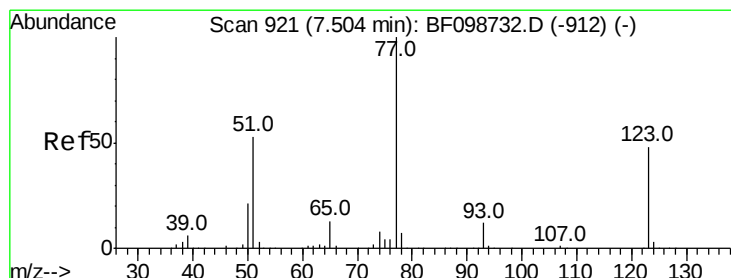
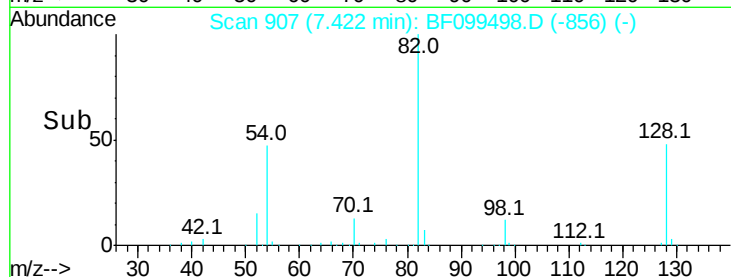
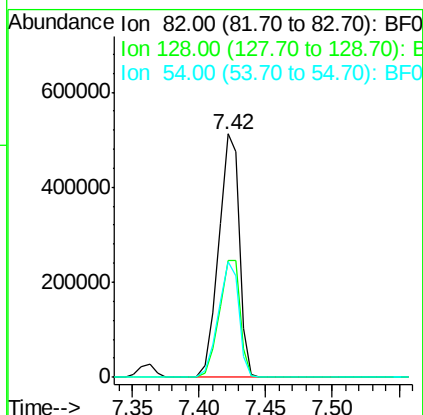
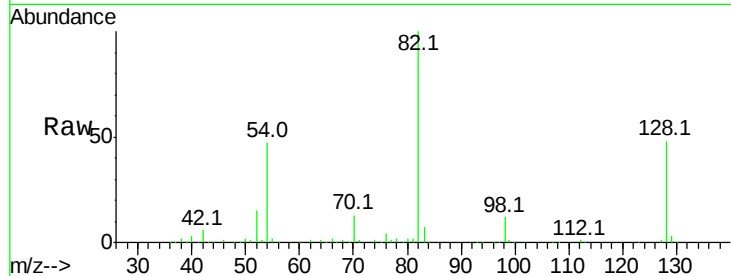




#23
 Nitrobenzene-d5
 Concen: 79.169 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

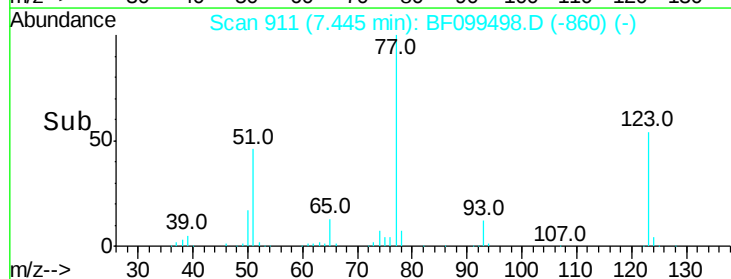
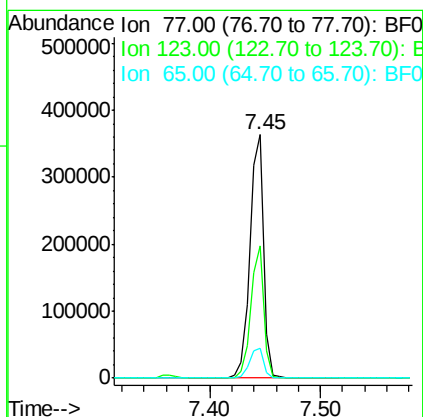
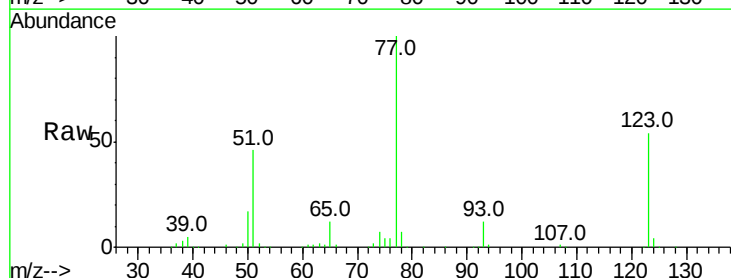
Instrument :
 BNA_F
 ClientSampleId :

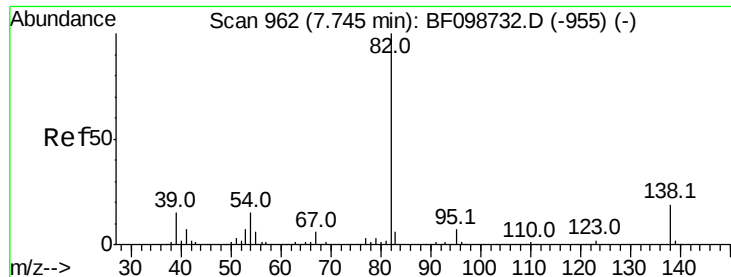
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	47.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 39.625 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.2	37.9	56.9
65	12.4	11.0	16.4





#25

Isophorone

Concen: 37.242 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

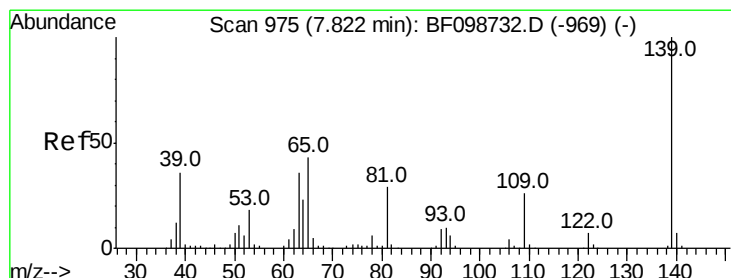
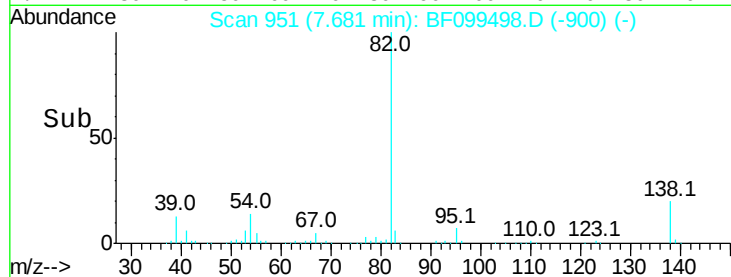
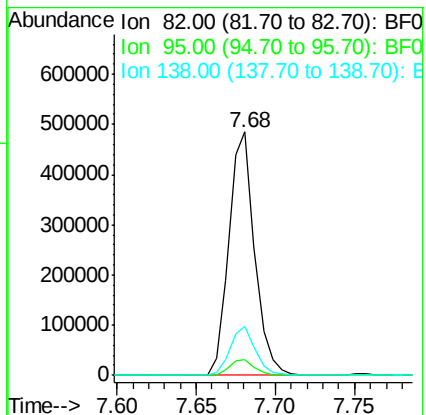
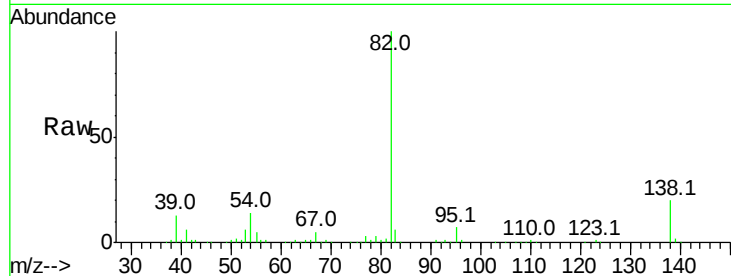
Tot Ion: 82 Resp: 544969

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 45.144 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

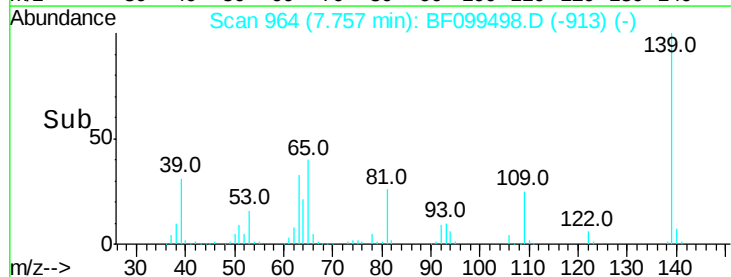
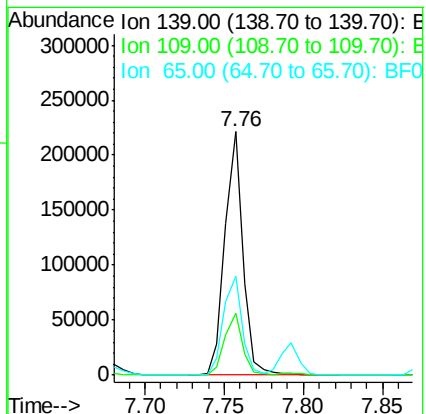
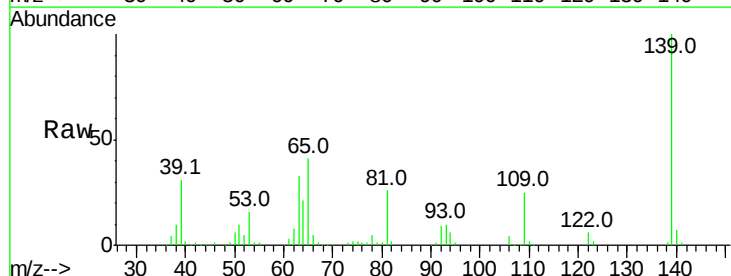
Tgt Ion:139 Resp: 174294

Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 40.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.673 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

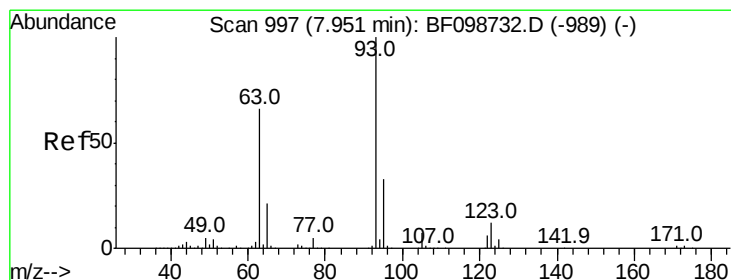
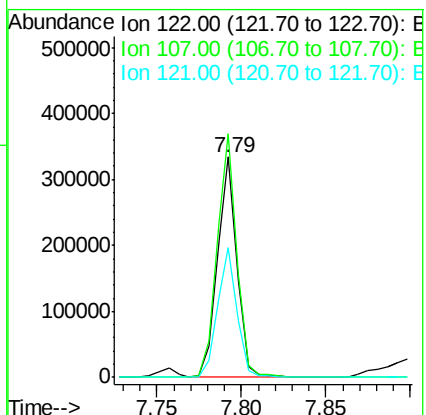
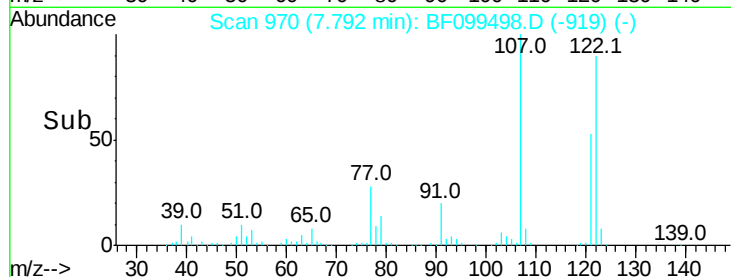
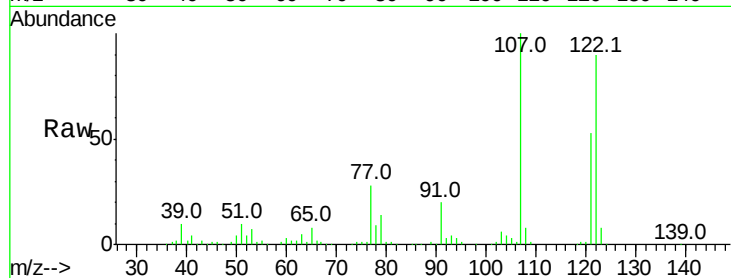
Tot Ion:122 Resp: 267395

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

121 58.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.449 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

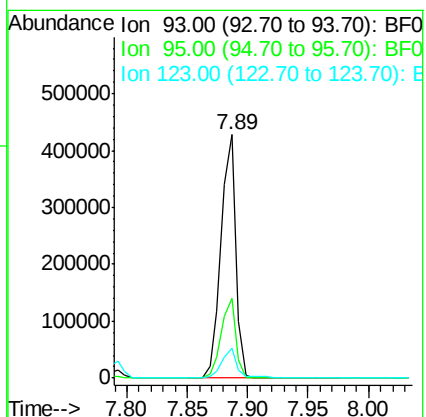
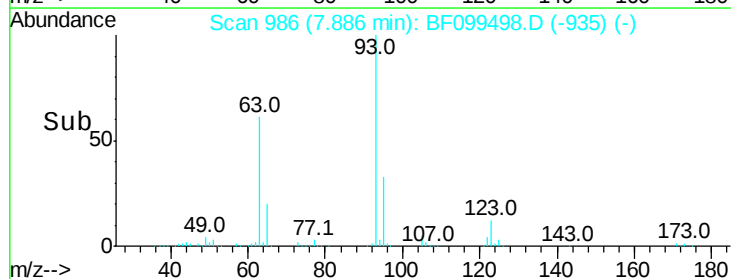
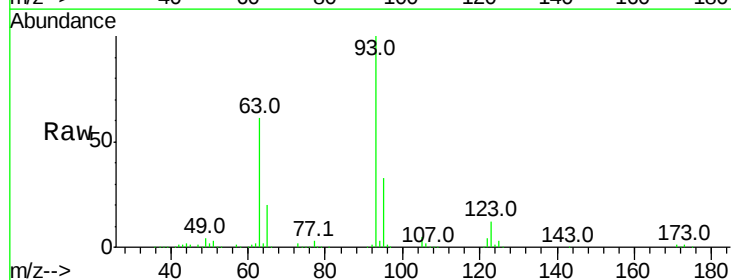
Tgt Ion: 93 Resp: 359749

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 12.0 9.8 14.6

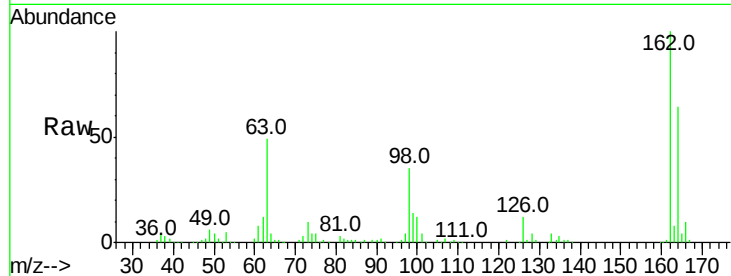




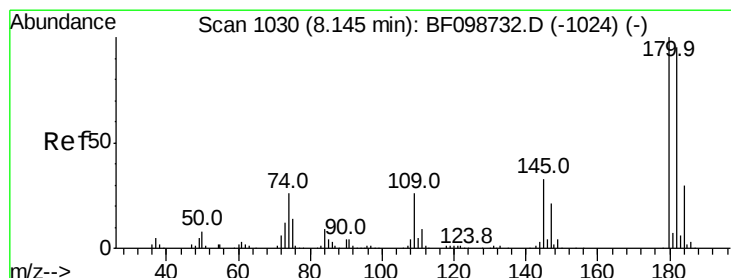
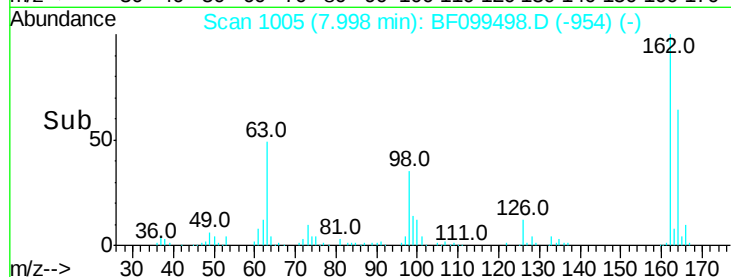
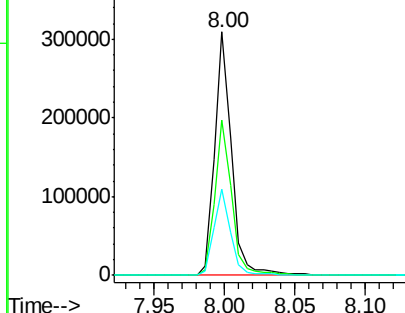
#29
 2,4-Dichlorophenol
 Concen: 41.051 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.1	18.1	58.1

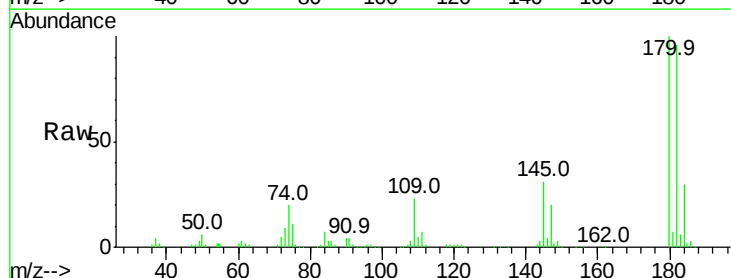


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

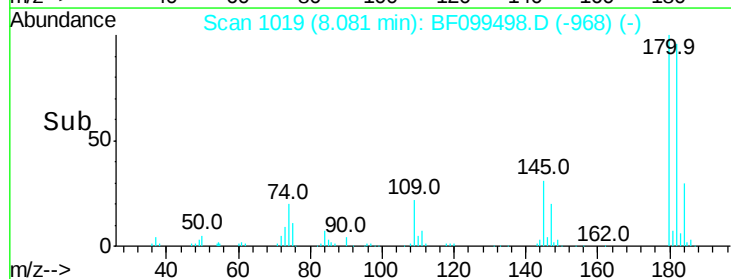
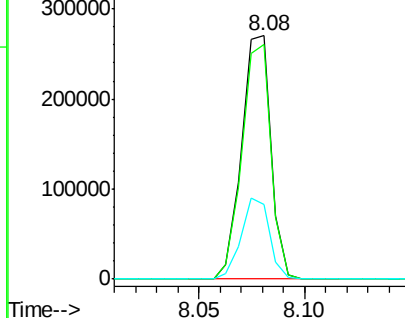


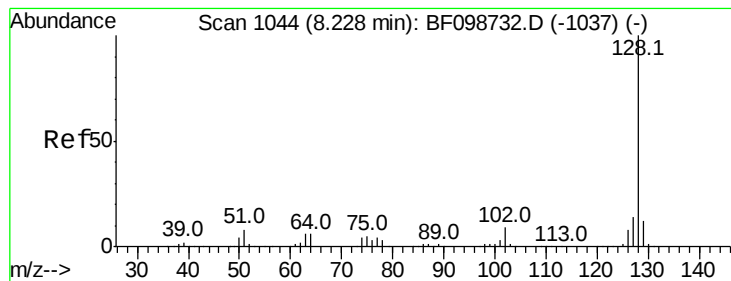
#30
 1,2,4-Trichlorobenzene
 Concen: 41.603 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	30.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.875 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

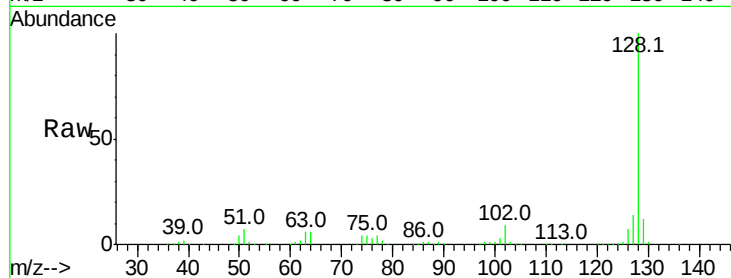
Tot Ion:128 Resp: 850042

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

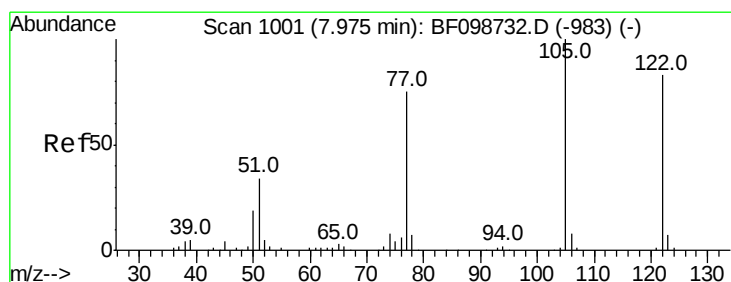
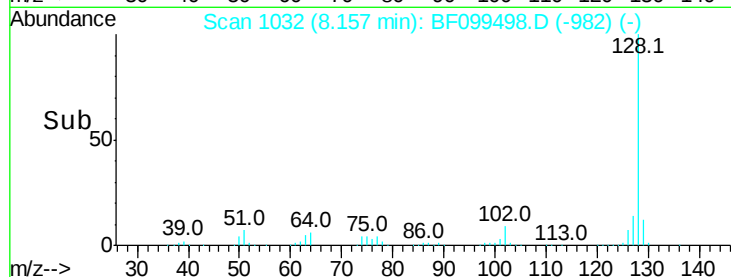
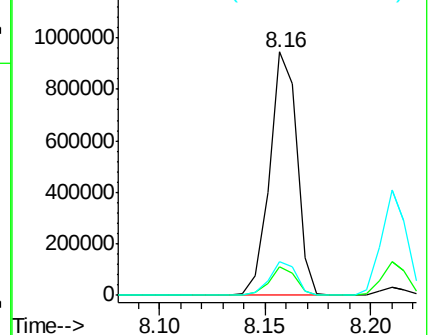
127 13.7 10.9 16.3



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: 13.442 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

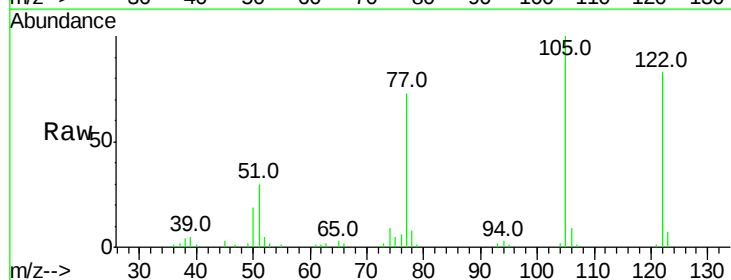
Tgt Ion:122 Resp: 80508

Ion Ratio Lower Upper

122 100

105 120.1 101.1 141.1

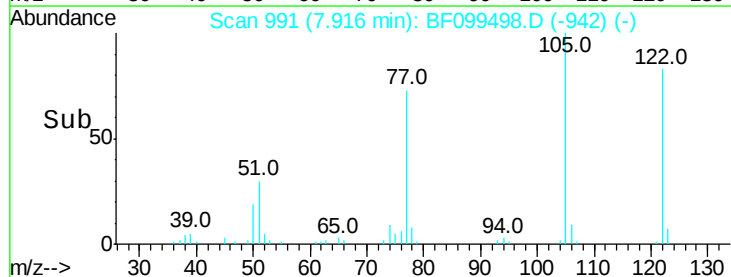
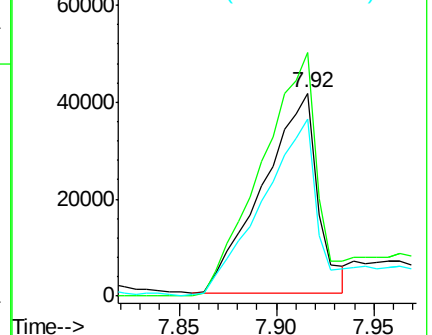
77 87.5 70.7 110.7



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

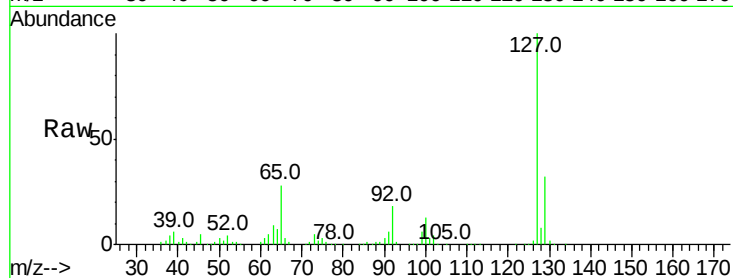




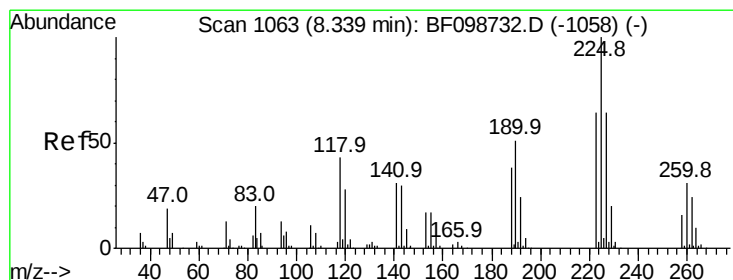
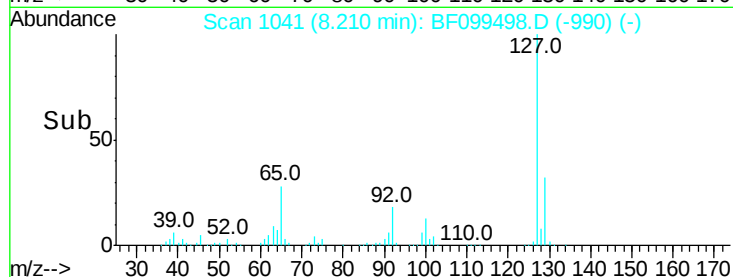
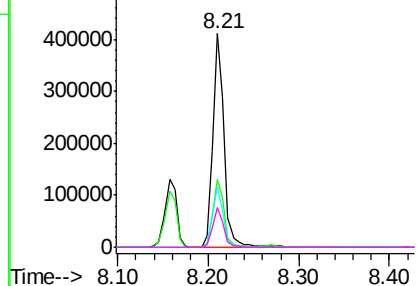
#33
4-Chloroaniline
Concen: 40.300 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	358762
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	28.0	25.0	37.4
92	18.3	15.2	22.8

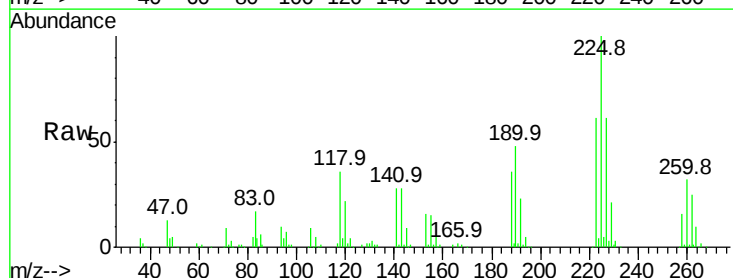


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

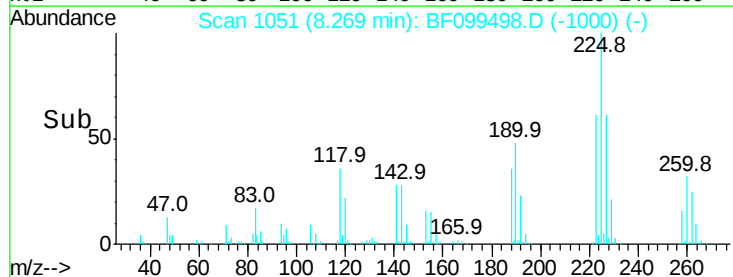
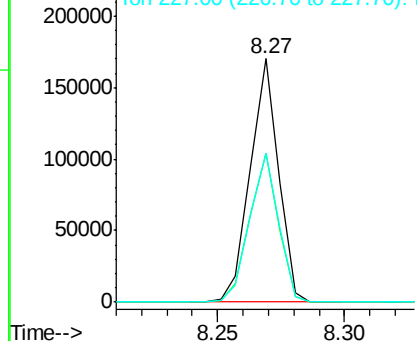


#34
Hexachlorobutadiene
Concen: 41.004 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:	225	Resp:	132236
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	61.3	51.9	77.9



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





#35

Caprolactam

Concen: 35.560 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampled :

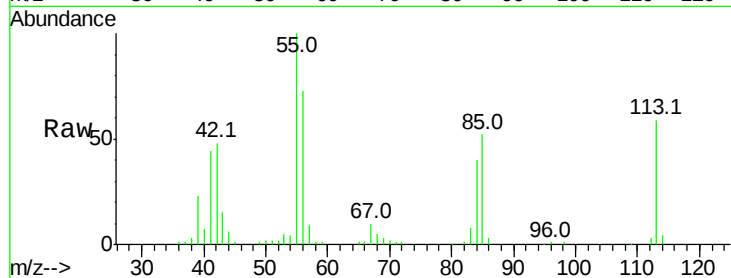
Tot Ion:113 Resp: 71407

Ion Ratio Lower Upper

113 100

55 168.6 163.3 203.3

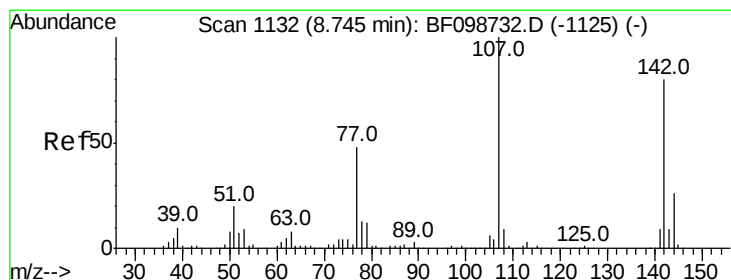
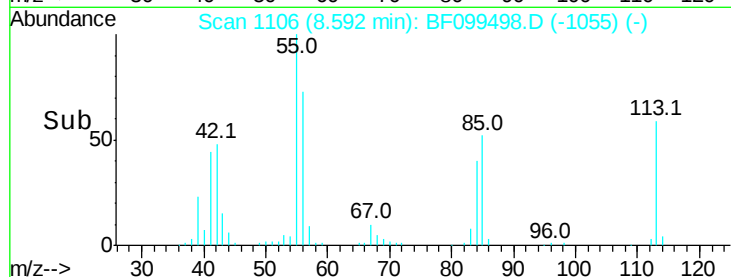
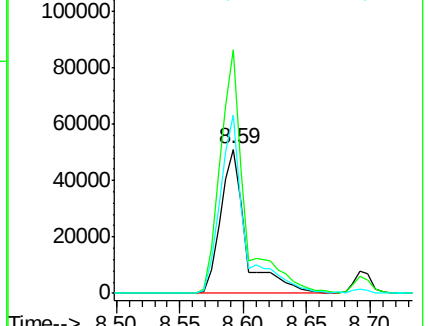
56 123.2 115.7 155.7



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: 37.976 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

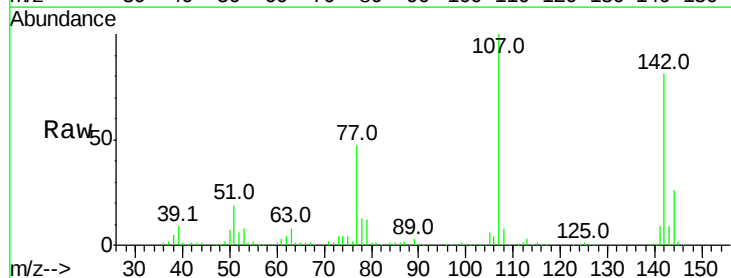
Tgt Ion:107 Resp: 267212

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

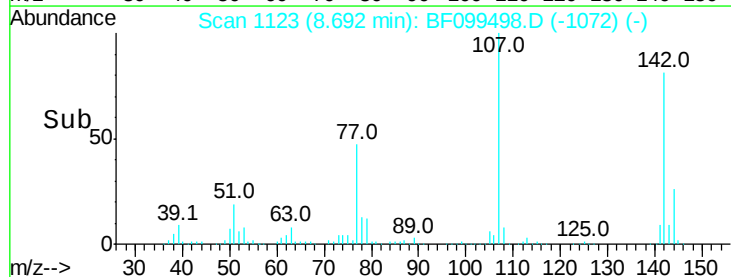
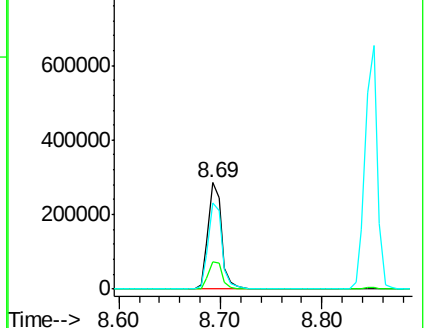
142 80.9 62.0 93.0

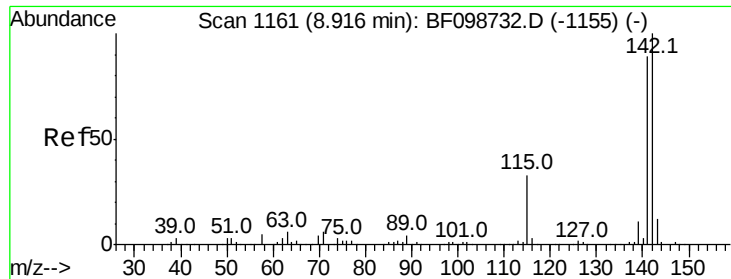


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

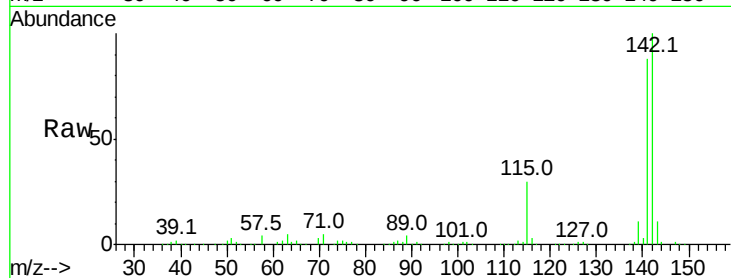




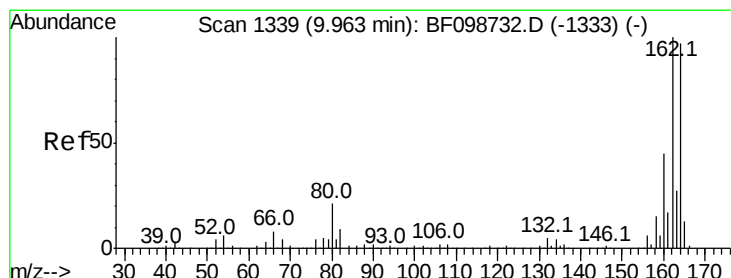
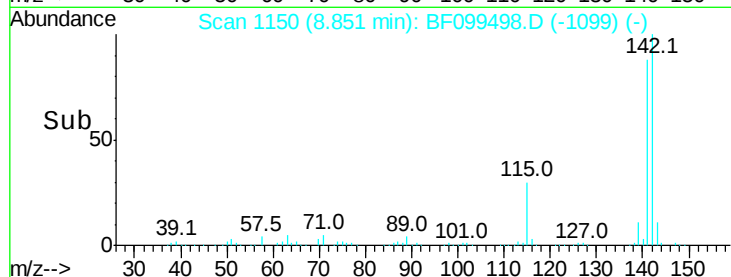
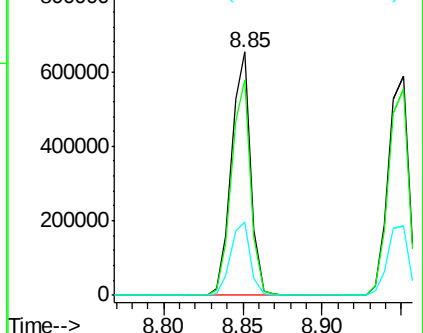
#37
2-Methylnaphthalene
Concen: 39.573 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 548423
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 30.3 26.1 39.1

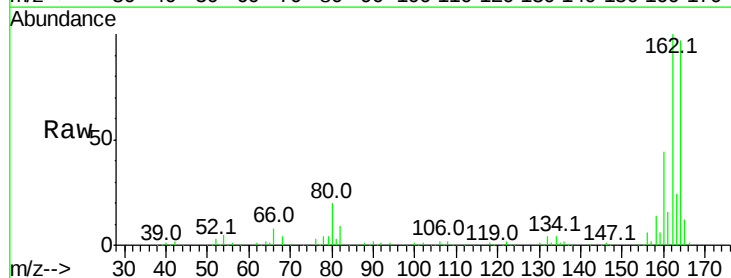


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

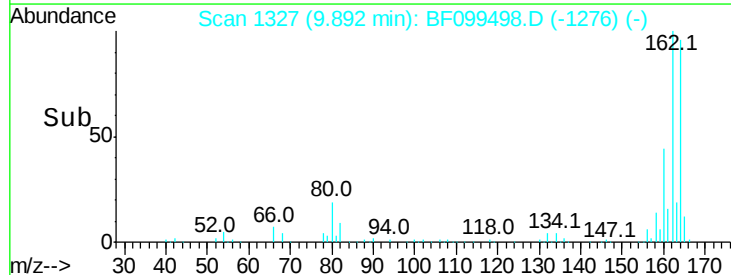
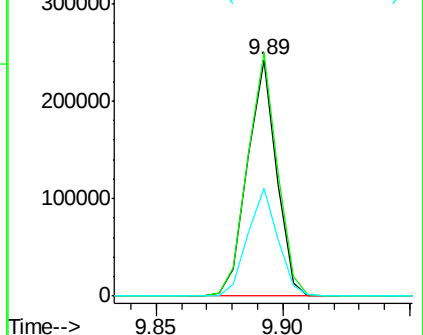


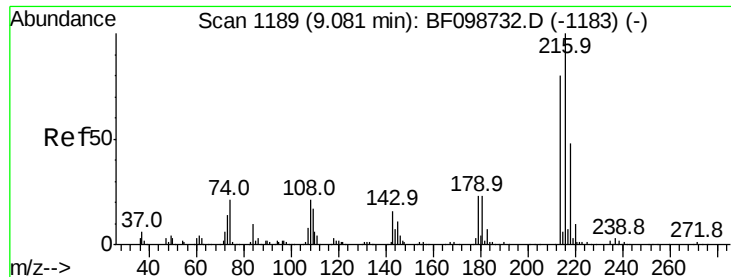
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:164 Resp: 193114
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.5 38.3 57.5



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

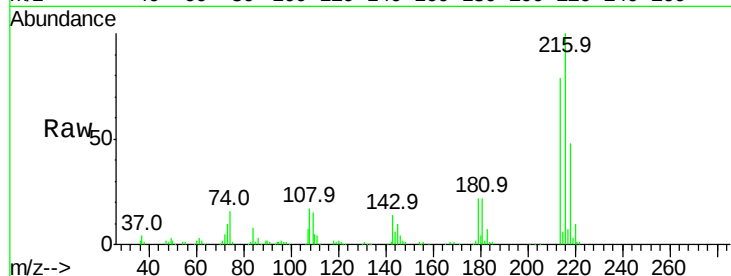




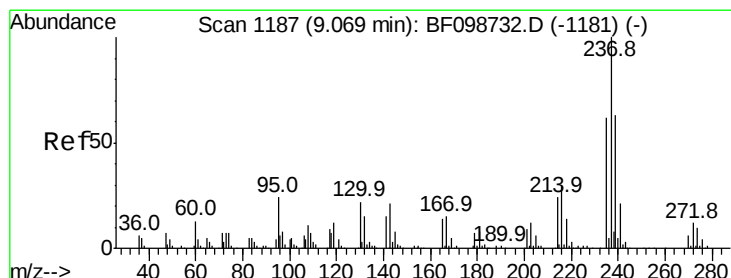
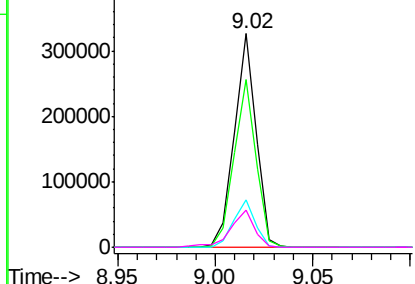
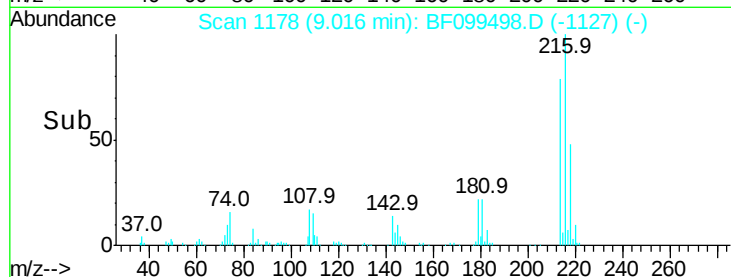
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.863 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	252616
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.3	18.1	27.1
108	19.0	17.2	25.8

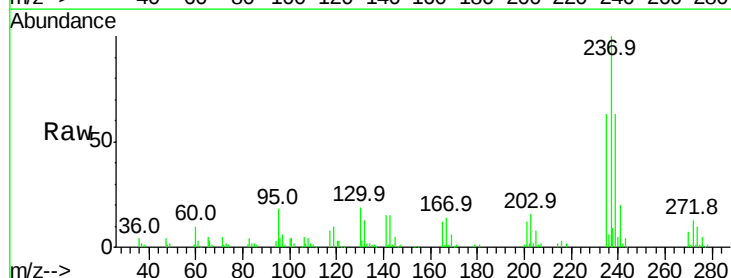


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

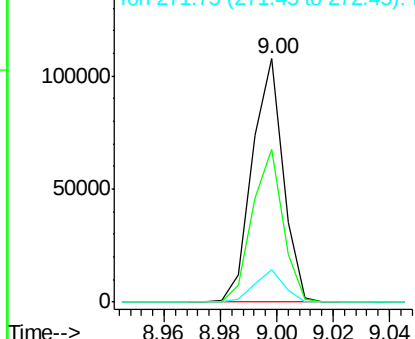
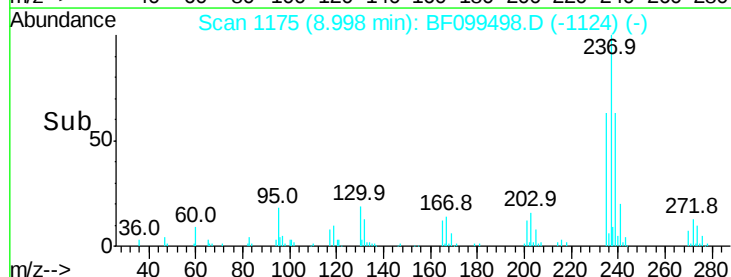


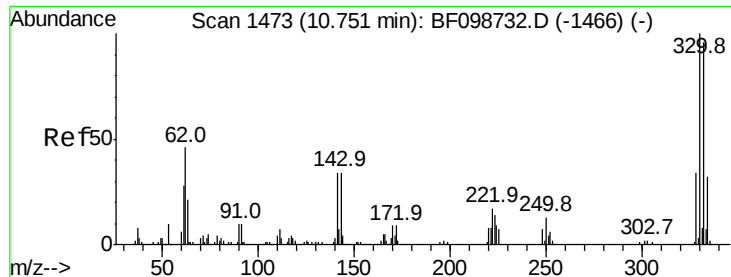
#40
 Hexachlorocyclopentadiene
 Concen: 31.033 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion:	237	Resp:	81677
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	13.4	0.0	33.3



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

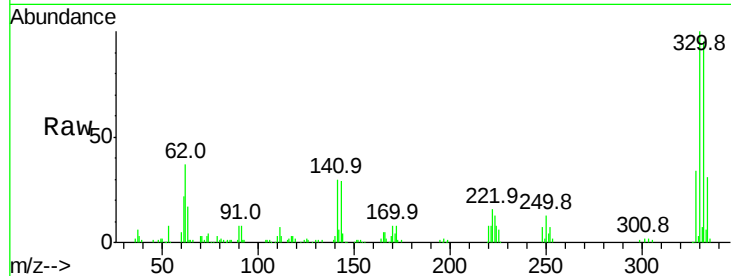




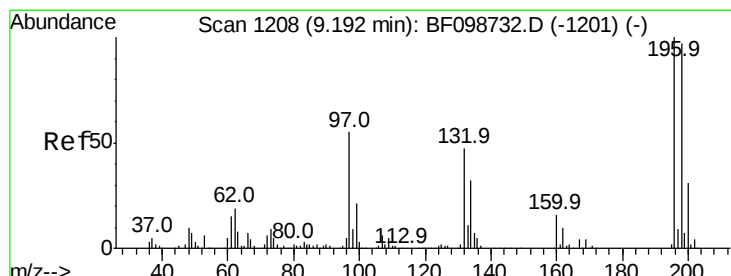
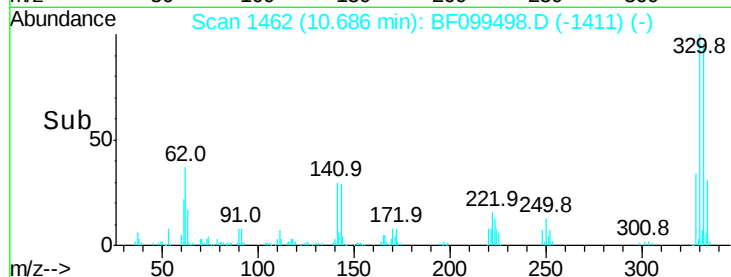
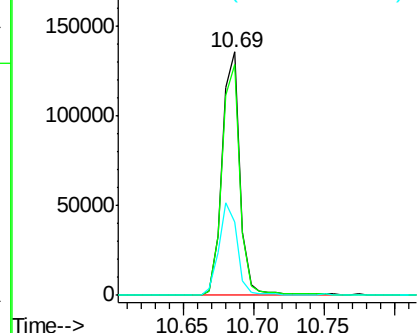
#41
 2,4,6-Tribromophenol
 Concen: 76.066 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.0	29.9	44.9

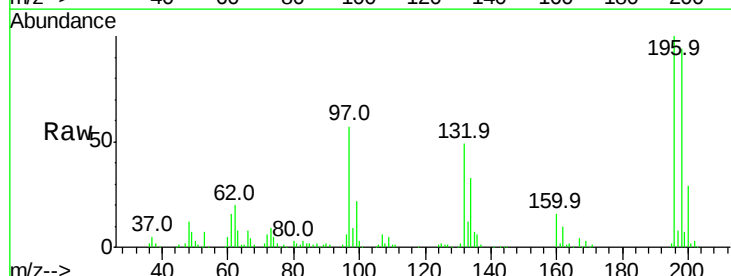


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

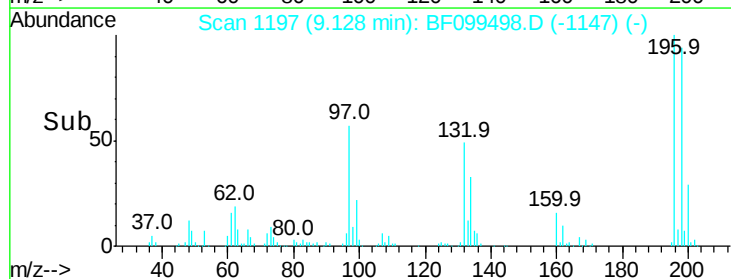
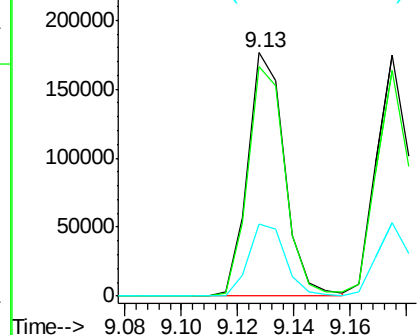


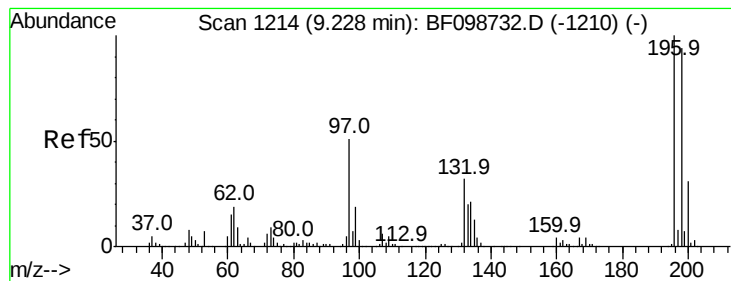
#42
 2,4,6-Trichlorophenol
 Concen: 39.227 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	29.4	24.5	36.7



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: 39.343 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 160241

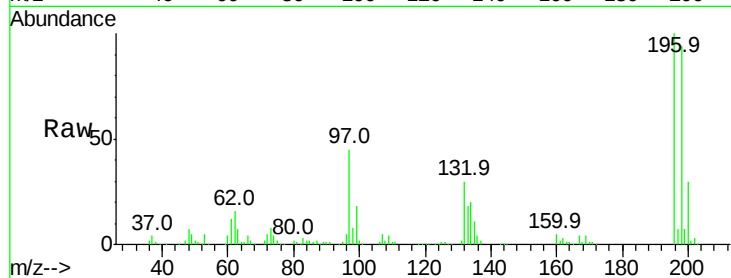
Ion Ratio Lower Upper

196 100

198 93.7 74.6 112.0

97 45.2 42.9 64.3

132 29.5 26.3 39.5

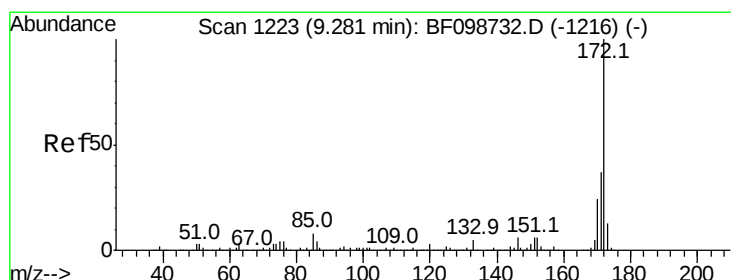
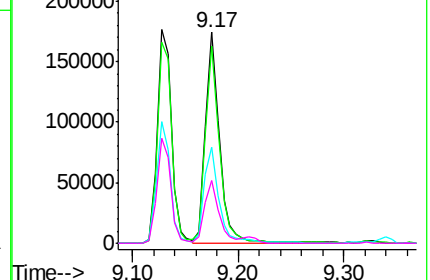
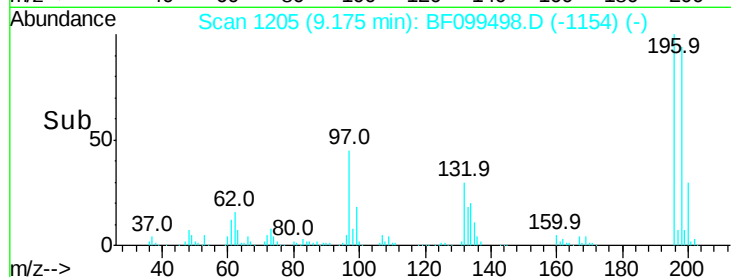


Abundance Ion 196.00 (195.70 to 196.70): E

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: 86.383 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

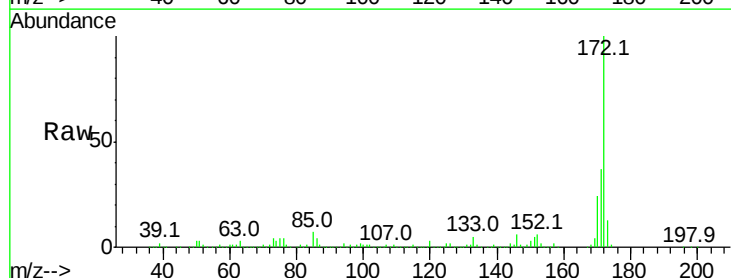
Tgt Ion:172 Resp: 999256

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

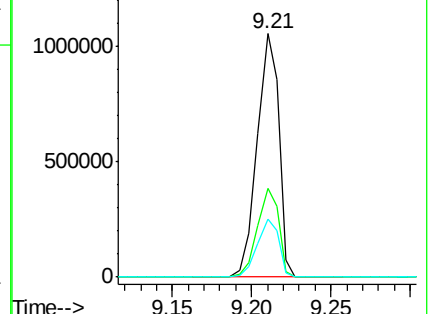
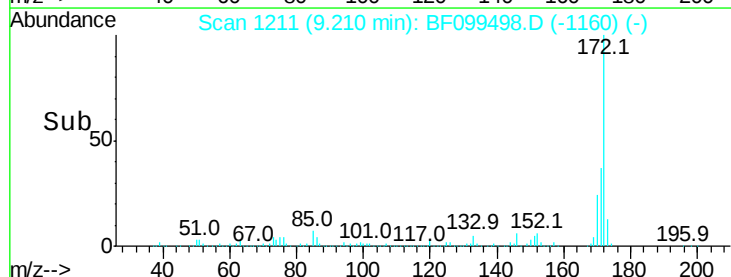
170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.193 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

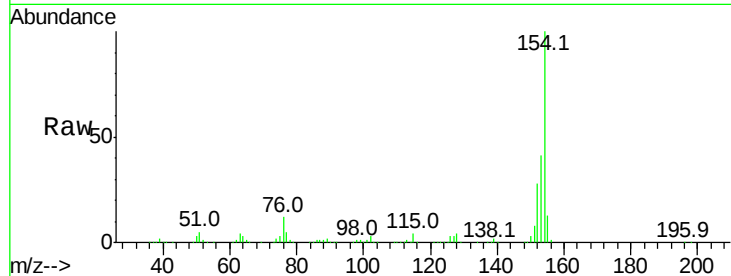
Tot Ion:154 Resp: 700284

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

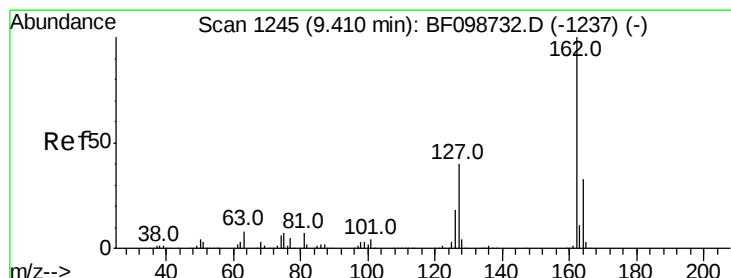
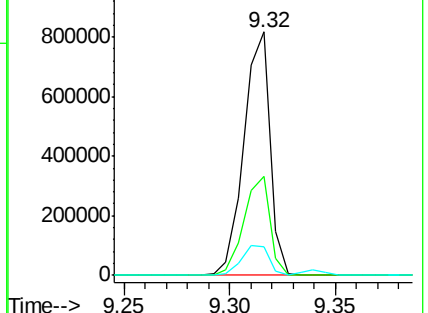
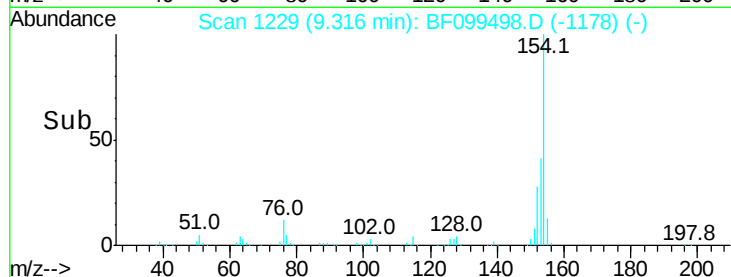
76 11.7 0.0 34.0



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: 42.352 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

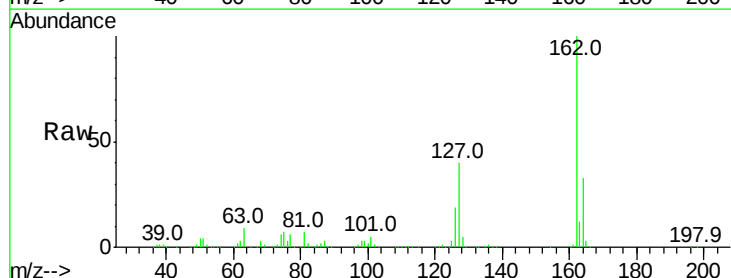
Tgt Ion:162 Resp: 527762

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

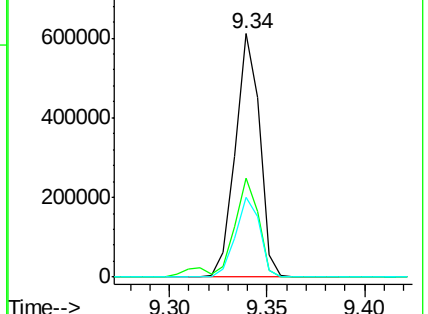
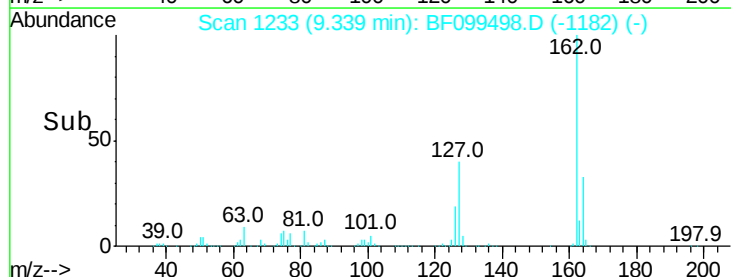
164 32.7 26.5 39.7

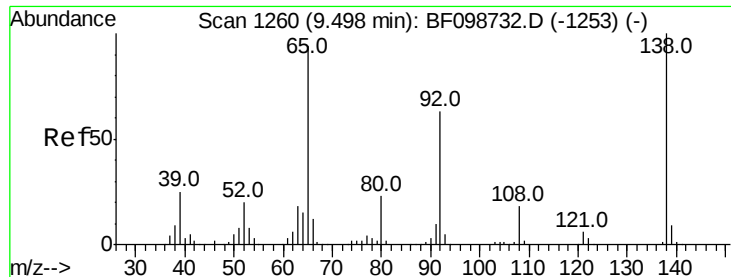


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

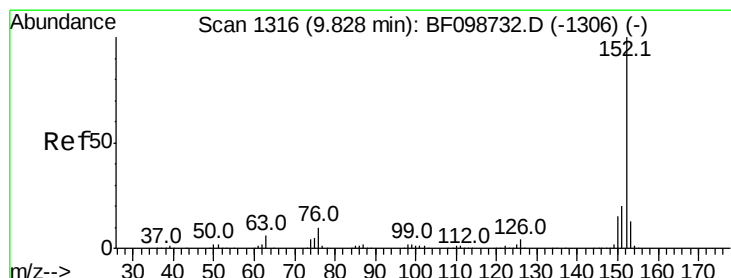
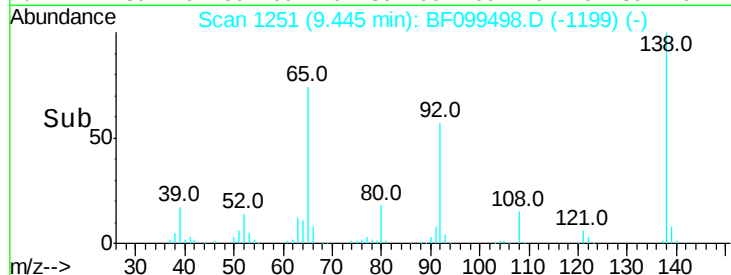
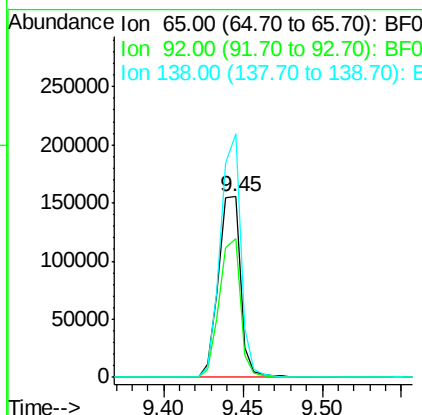
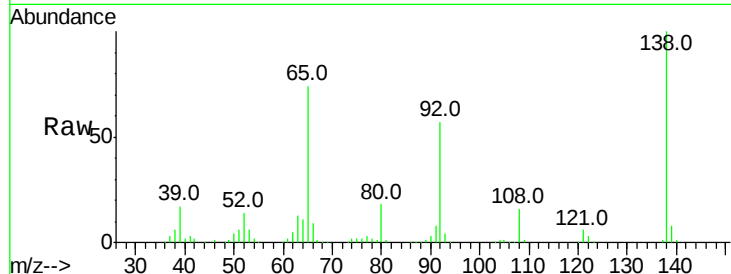




#47
 2-Nitroaniline
 Concen: 39.601 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

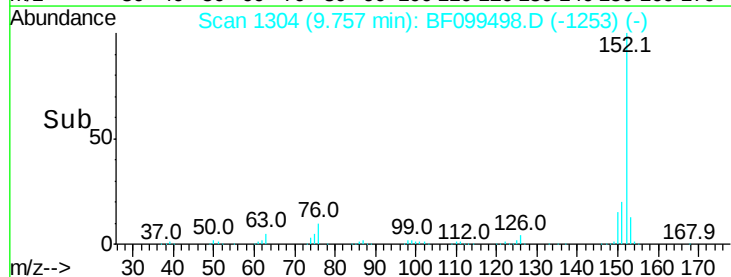
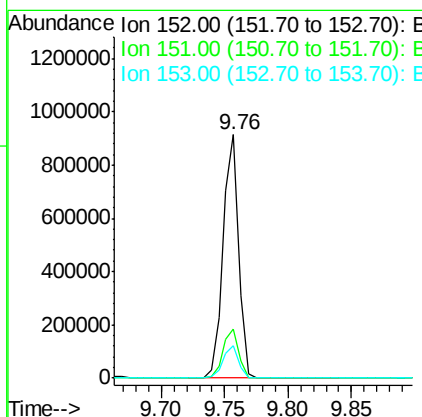
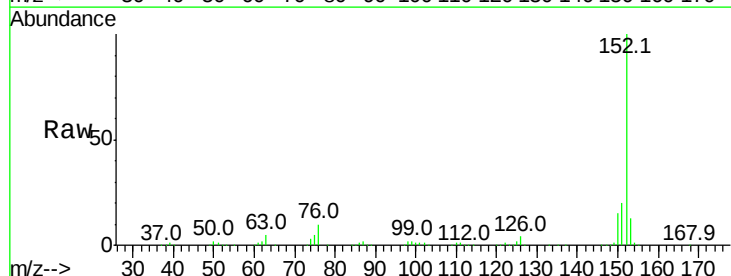
Instrument :
 BNA_F
 ClientSampled :

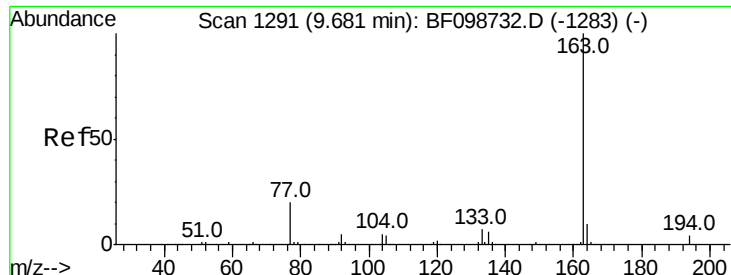
Tot Ion: 65 Resp: 151103
 Ion Ratio Lower Upper
 65 100
 92 76.5 55.8 83.6
 138 134.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.990 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion:152 Resp: 781933
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.1 10.7 16.1

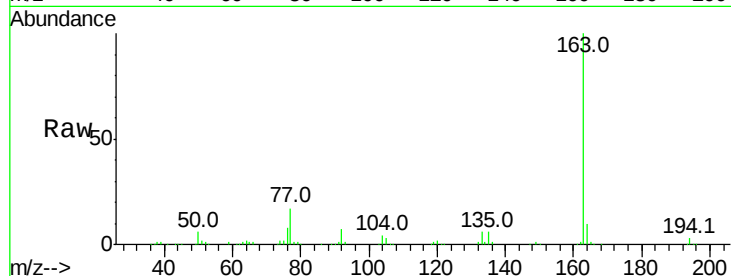




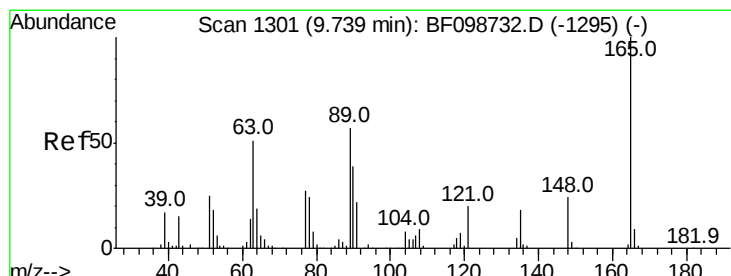
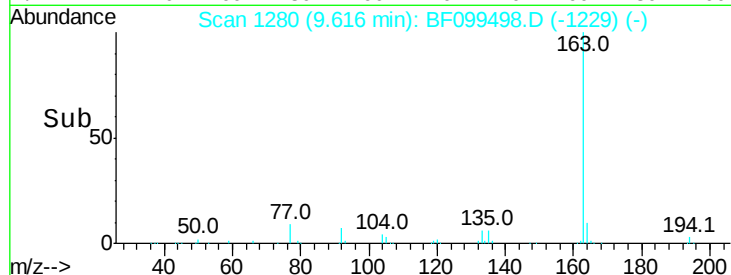
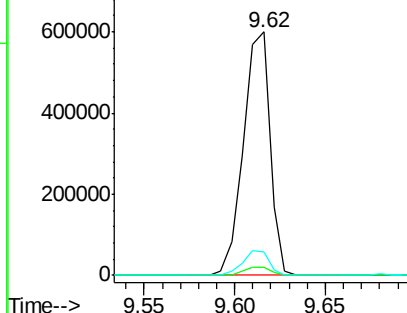
#49
Dimethylphthalate
Concen: 42.049 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 612875
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2

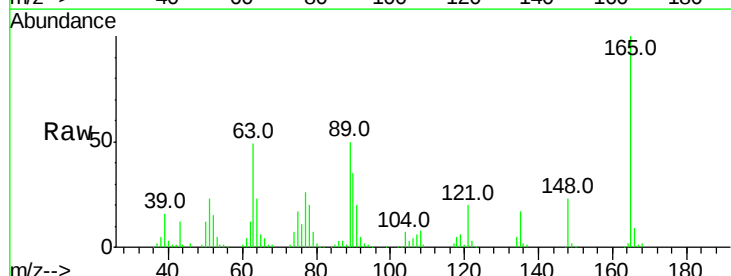


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

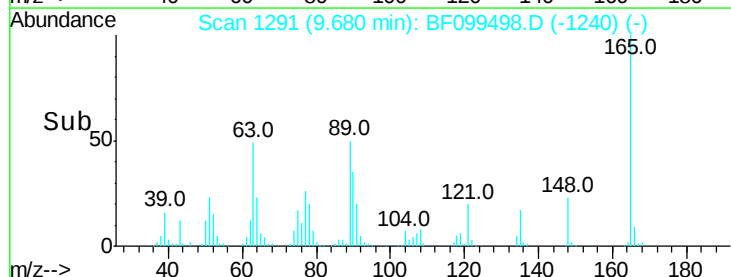
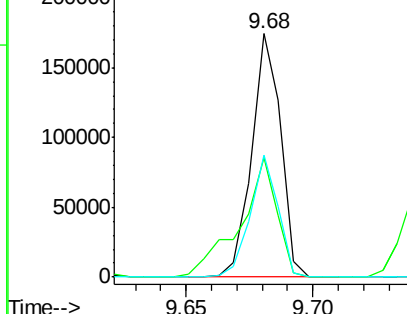


#50
2,6-Dinitrotoluene
Concen: 43.622 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:165 Resp: 138419
Ion Ratio Lower Upper
165 100
63 49.2 44.7 67.1
89 50.1 44.0 66.0



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: 38.165 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

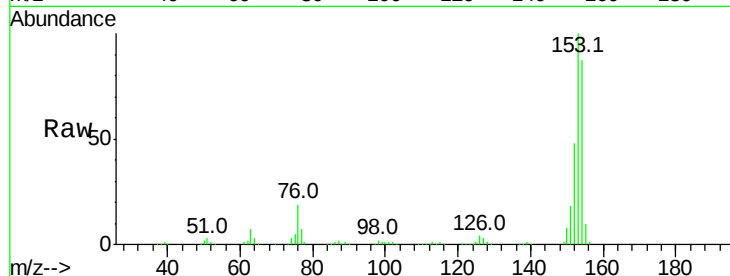
Tot Ion:154 Resp: 461183

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

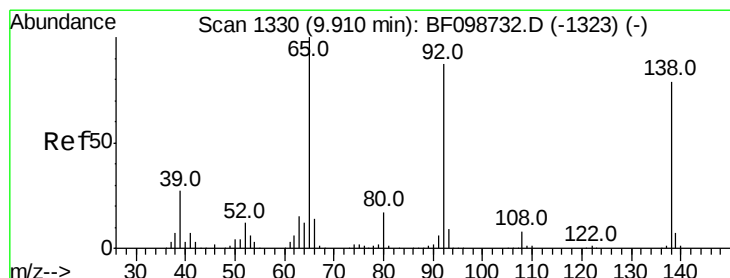
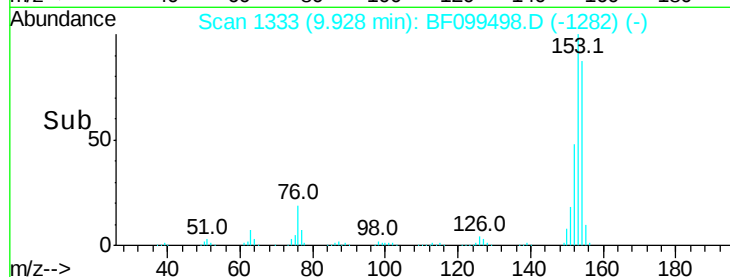
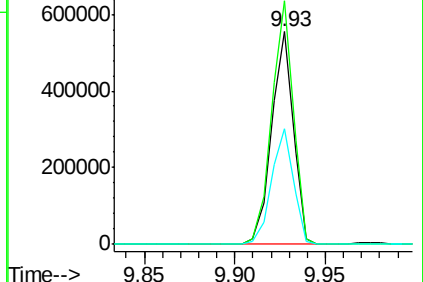
152 54.4 43.8 65.8



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: 41.511 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

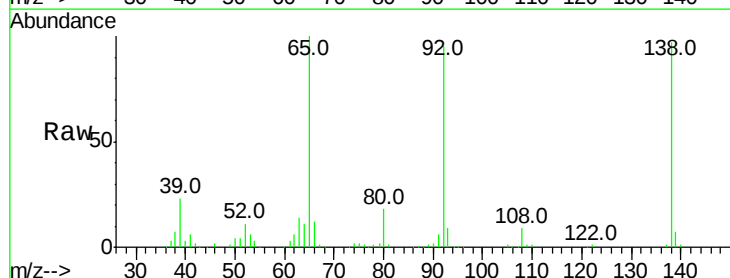
Tgt Ion:138 Resp: 153585

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

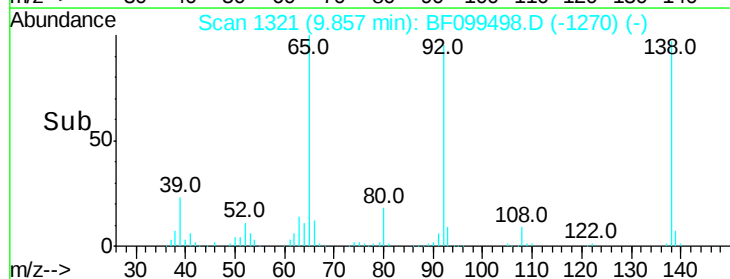
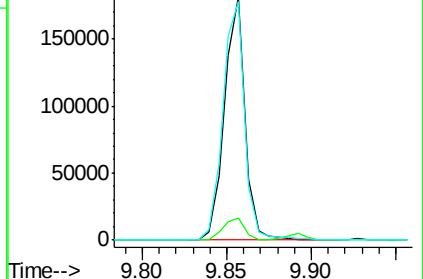
92 97.9 89.4 134.2



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

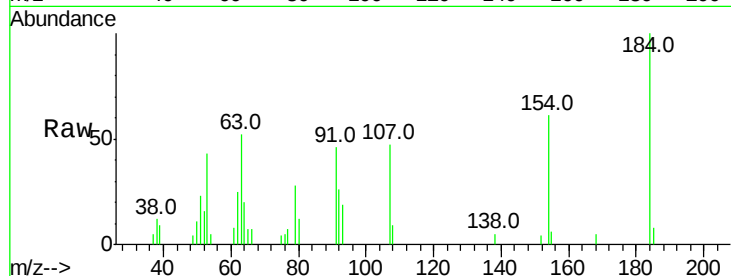




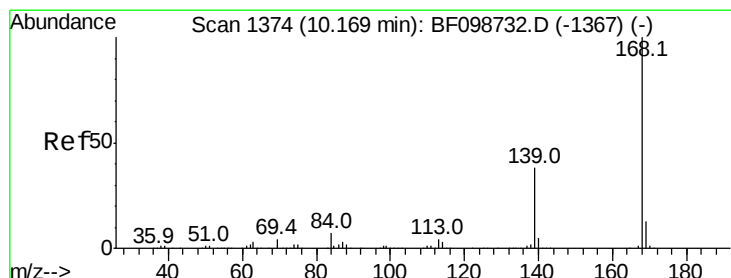
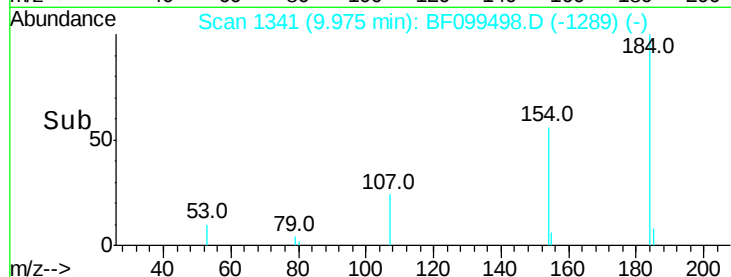
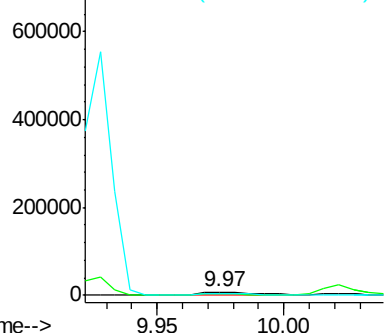
#53
2,4-Dinitrophenol
Concen: 12.962 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 12711
Ion Ratio Lower Upper
184 100
63 52.1 54.2 81.2#
154 60.8 53.5 80.3

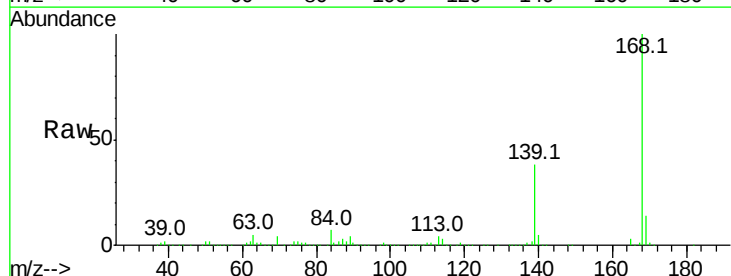


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

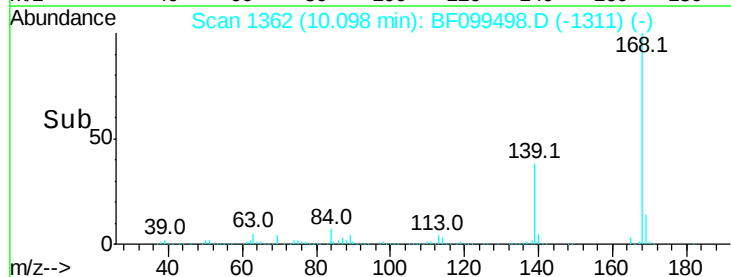
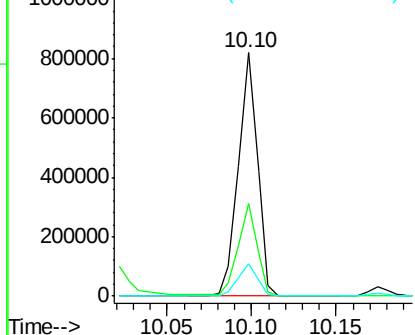


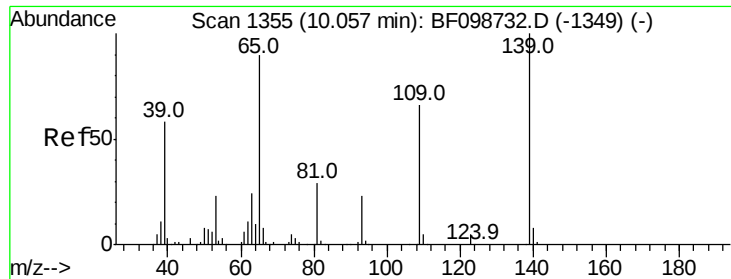
#54
Dibenzofuran
Concen: 39.990 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:168 Resp: 643410
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.5 10.9 16.3



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

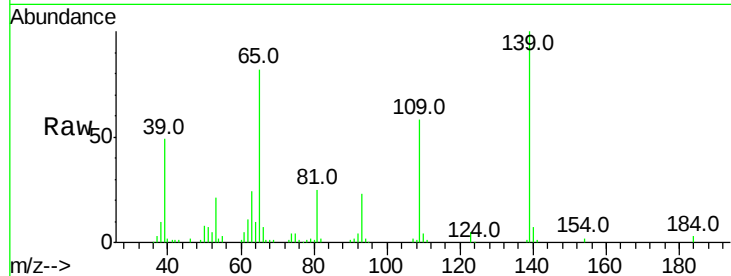




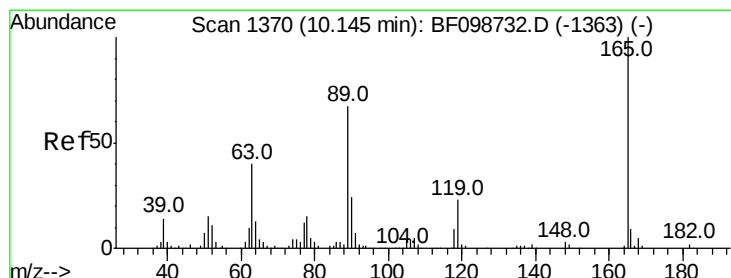
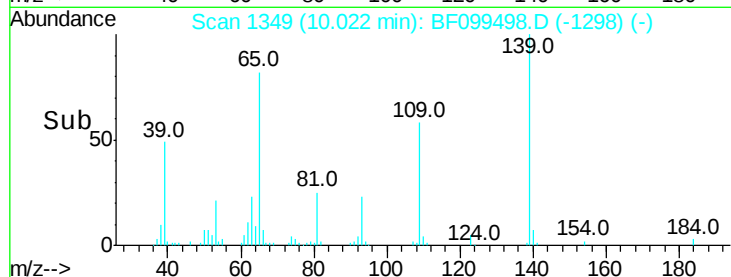
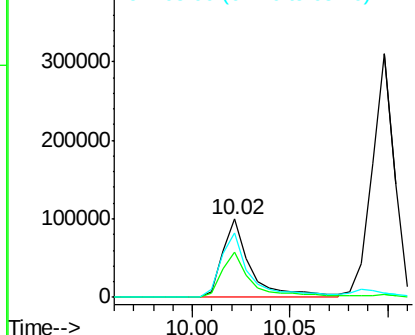
#55
4-Nitrophenol
Concen: 32.377 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 101290
Ion Ratio Lower Upper
139 100
109 58.0 48.4 88.4
65 81.6 72.6 112.6

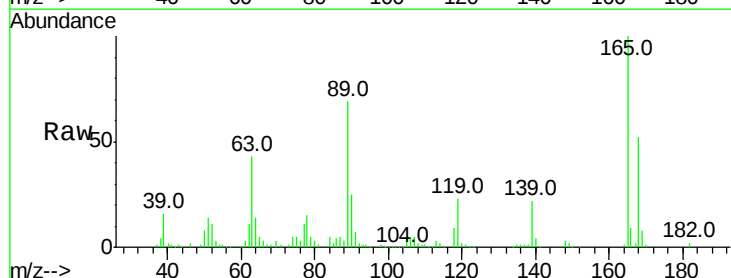


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

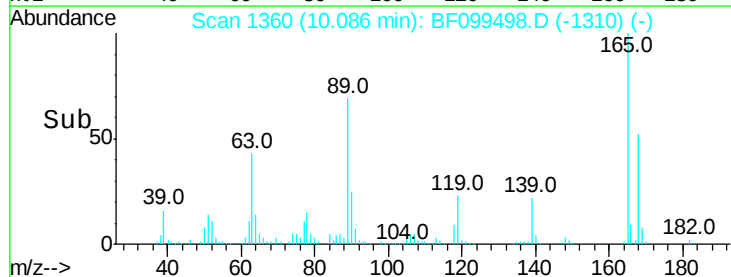
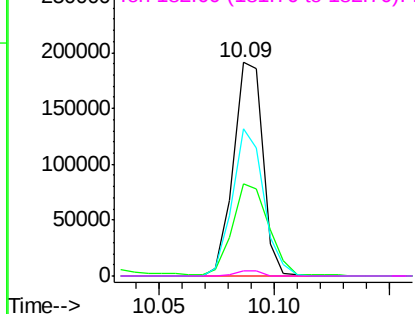


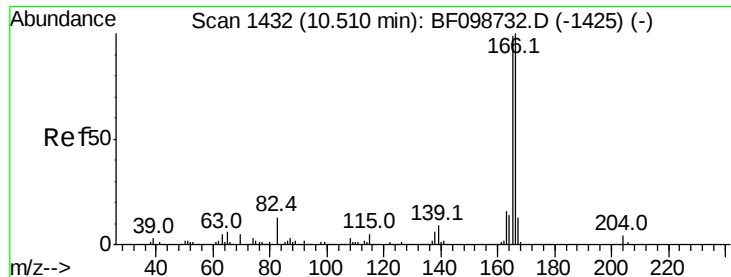
#56
2,4-Dinitrotoluene
Concen: 41.476 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:165 Resp: 170802
Ion Ratio Lower Upper
165 100
63 43.2 36.4 54.6
89 68.7 57.8 86.6
182 2.5 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.789 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

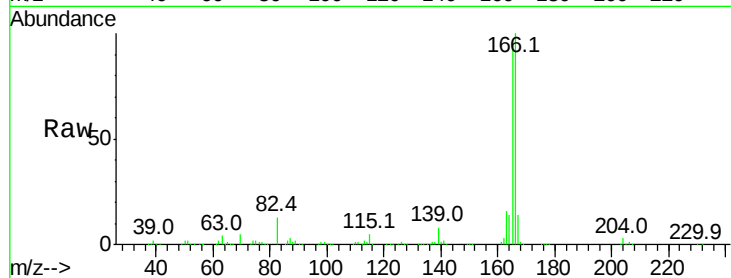
Tot Ion:166 Resp: 540407

Ion Ratio Lower Upper

166 100

165 97.2 79.8 119.8

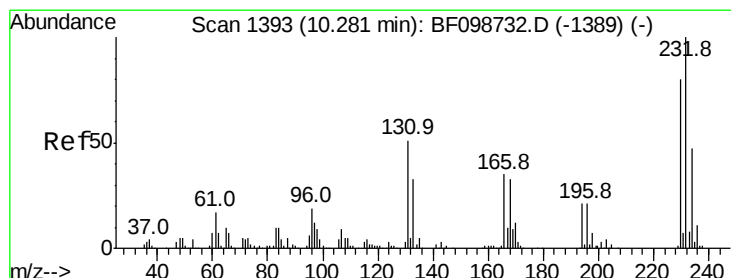
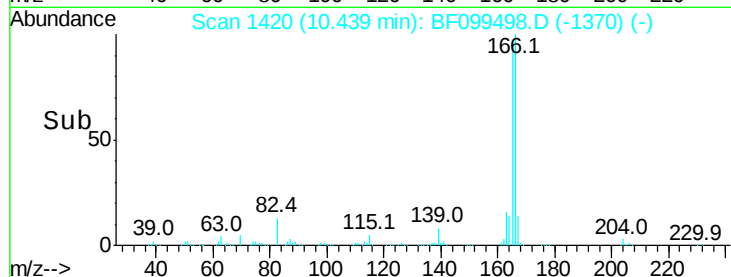
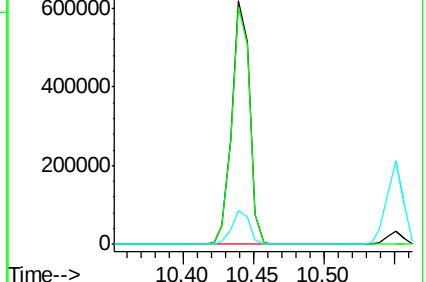
167 13.6 10.6 16.0



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: 35.335 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Tgt Ion:232 Resp: 99414

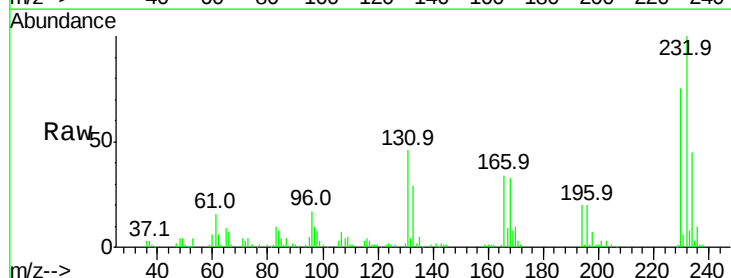
Ion Ratio Lower Upper

232 100

131 53.4 43.8 65.8

130 2.4 2.1 3.1

166 34.5 27.8 41.6

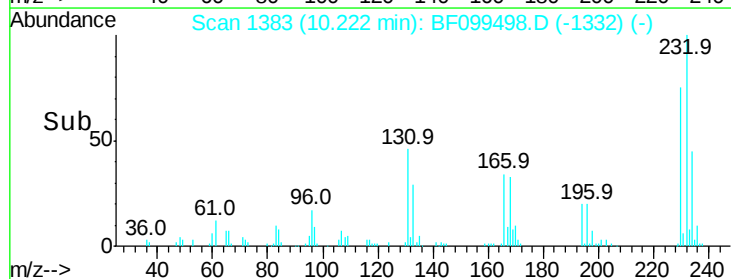
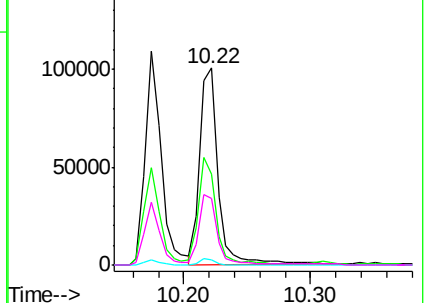


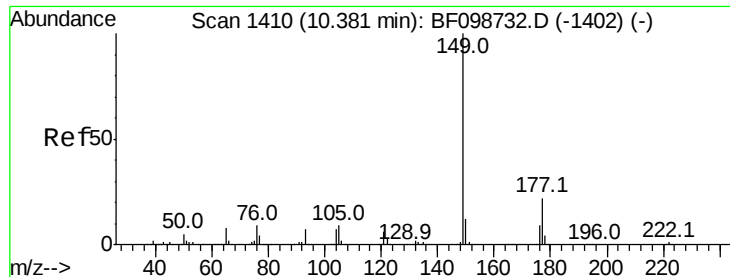
Abundance Ion 232.00 (231.70 to 232.70): E

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

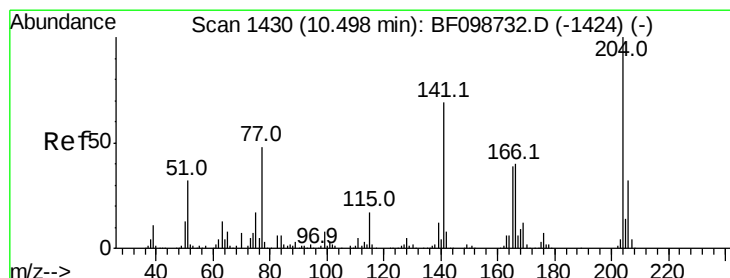
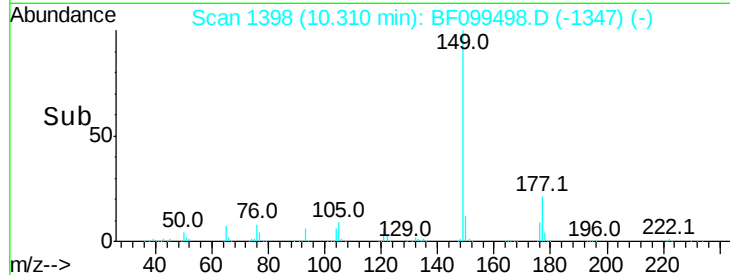
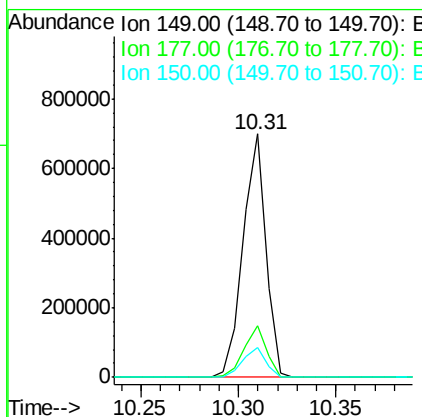
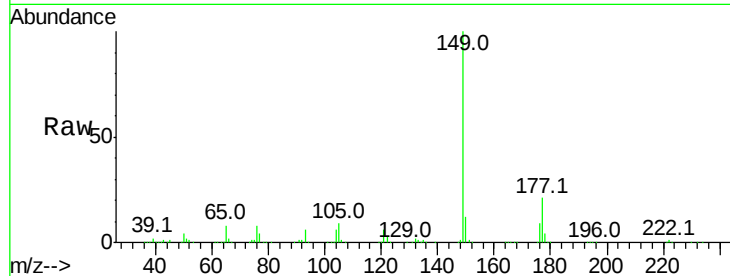




#59
Diethylphthalate
Concen: 39.893 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

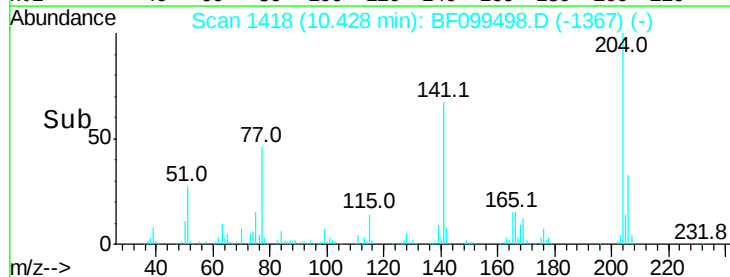
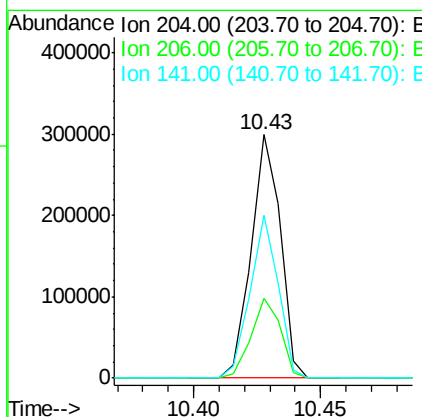
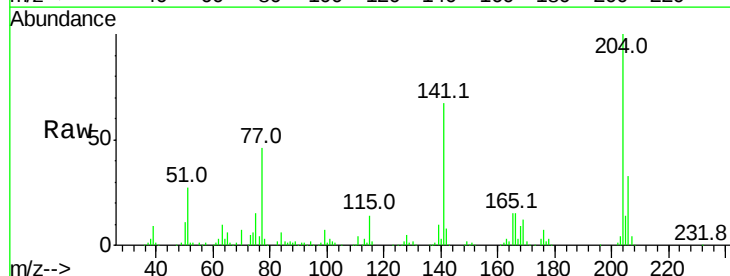
Instrument :
BNA_F
ClientSampleId :

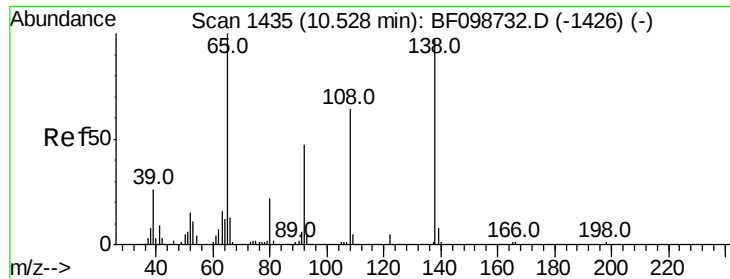
Tot Ion:149 Resp: 568156
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.513 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:204 Resp: 241147
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 67.0 54.6 81.8

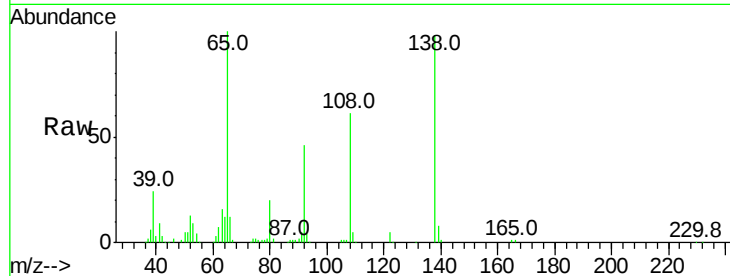




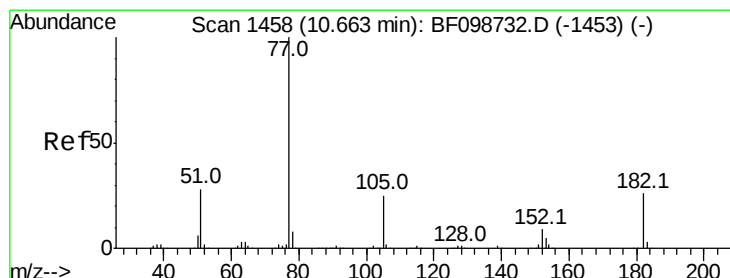
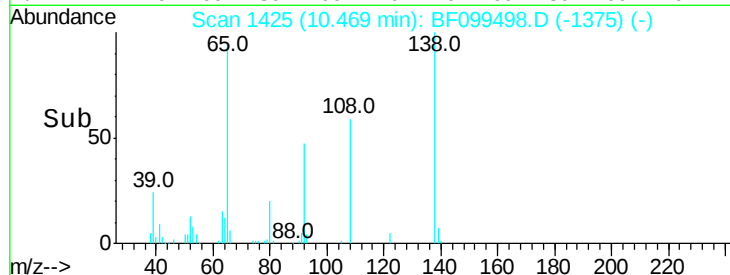
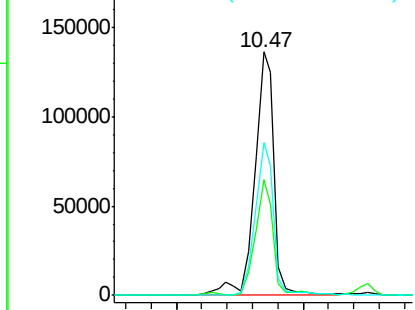
#61
4-Nitroaniline
Concen: 41.047 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 146517
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 62.8 52.5 92.5

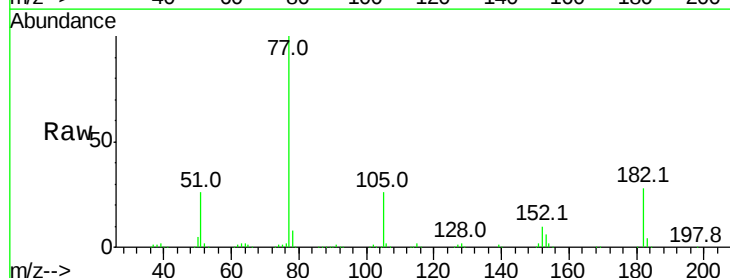


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

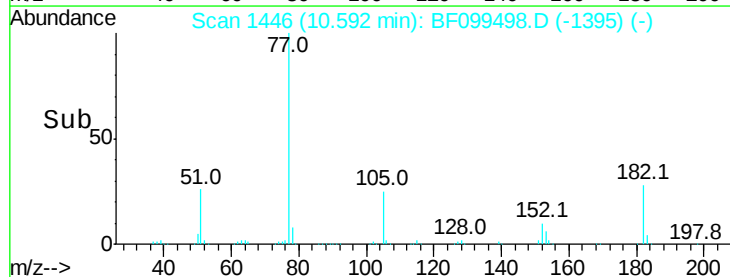
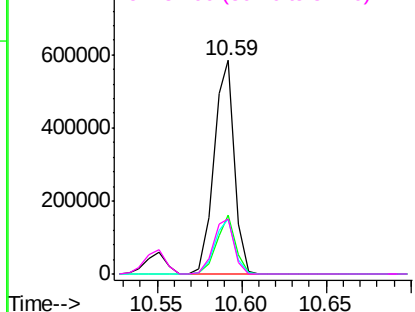


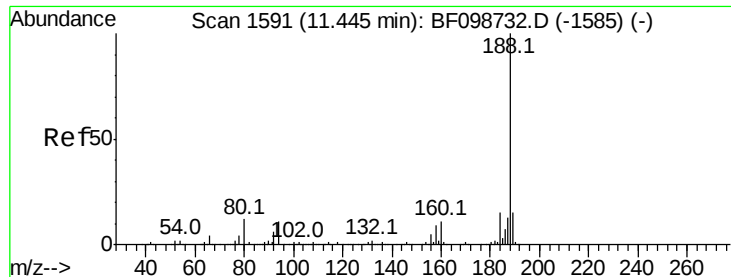
#62
Azobenzene
Concen: 37.612 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion: 77 Resp: 492531
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 25.5 3.0 43.0
51 25.7 9.9 49.9



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

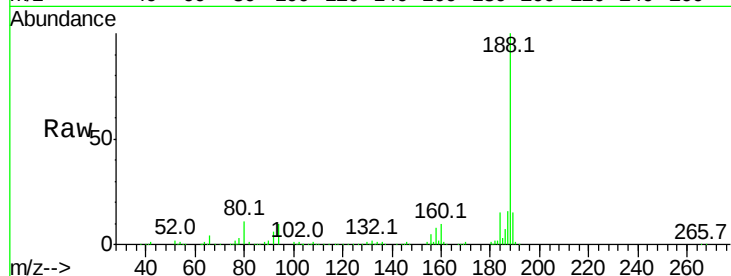




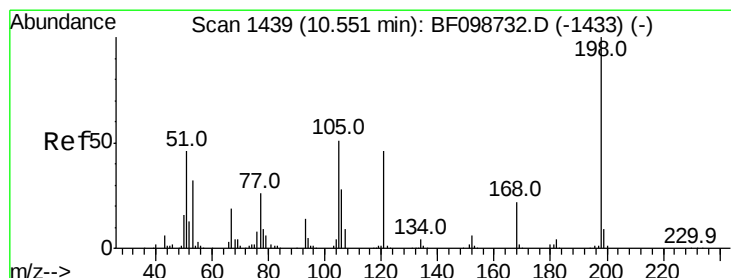
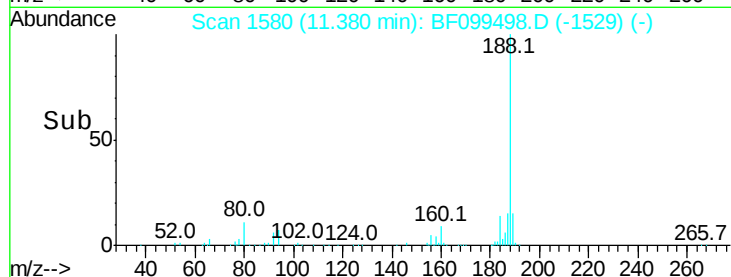
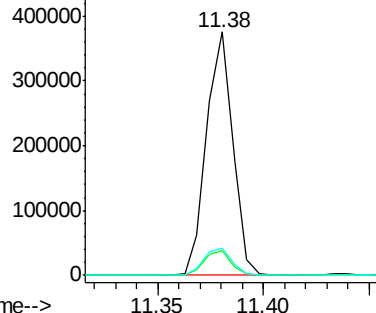
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 321341
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.2 9.2 13.8

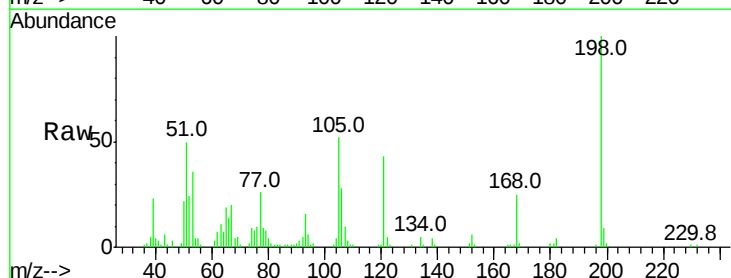


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

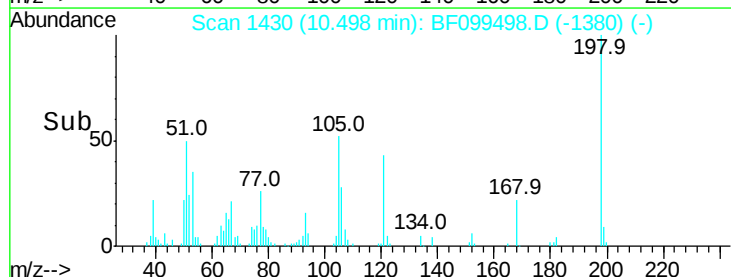
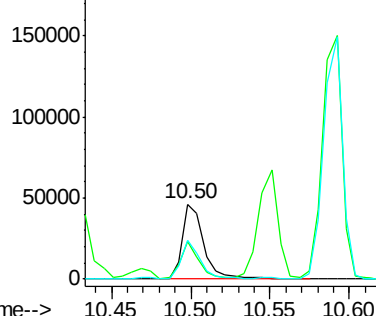


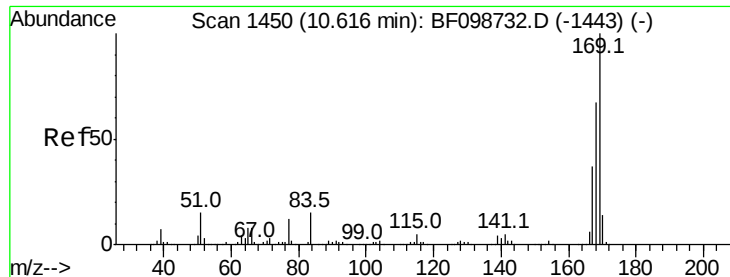
#64
4,6-Dinitro-2-methylphenol
Concen: 22.408 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:198 Resp: 43811
Ion Ratio Lower Upper
198 100
51 49.5 37.7 77.7
105 52.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.670 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

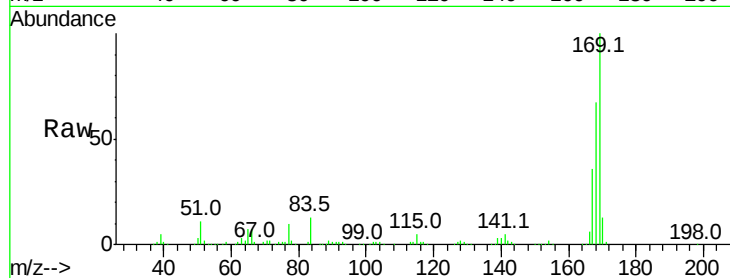
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 475010

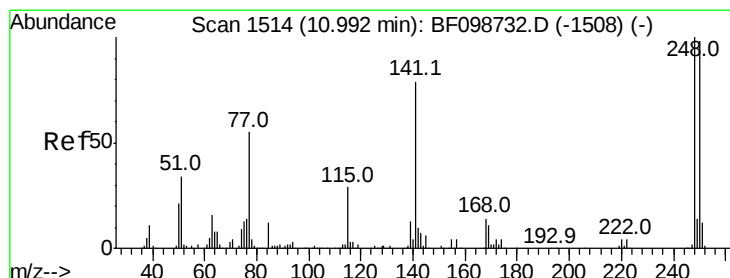
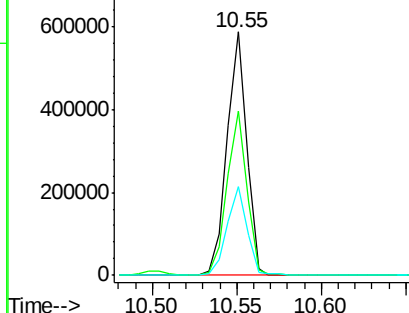
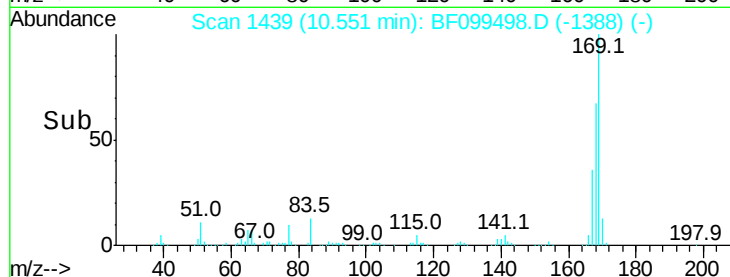
Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.4	29.8	44.6



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: 43.331 ng

RT: 10.92 min Scan# 1502

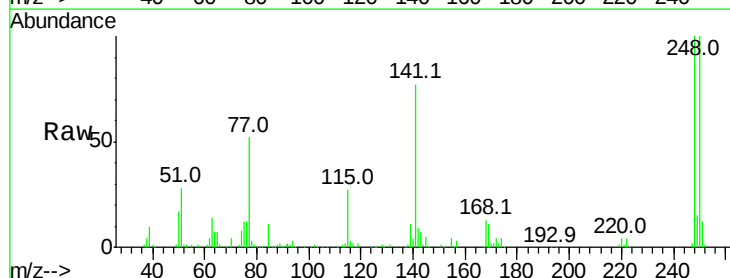
Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Tgt Ion:248 Resp: 136294

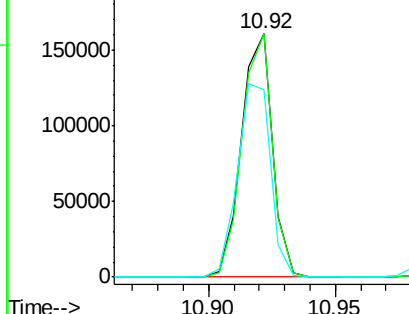
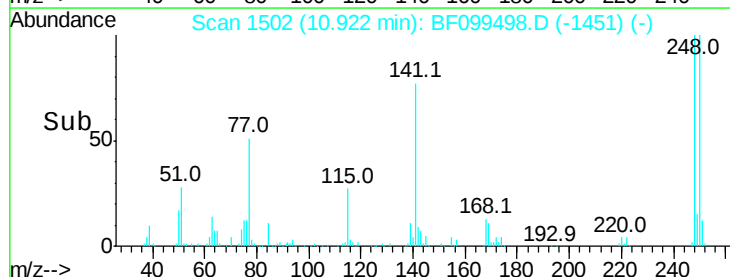
Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.9	115.3
141	76.8	74.4	111.6



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

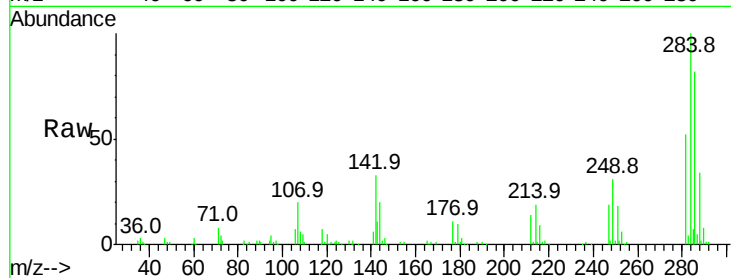




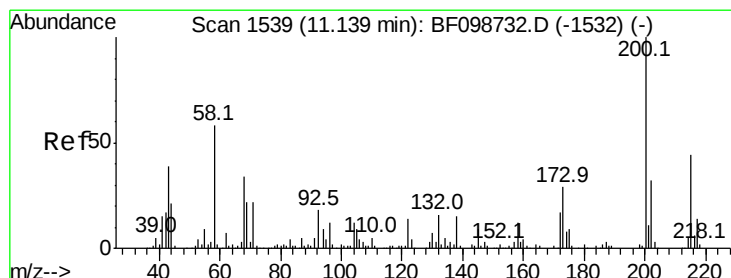
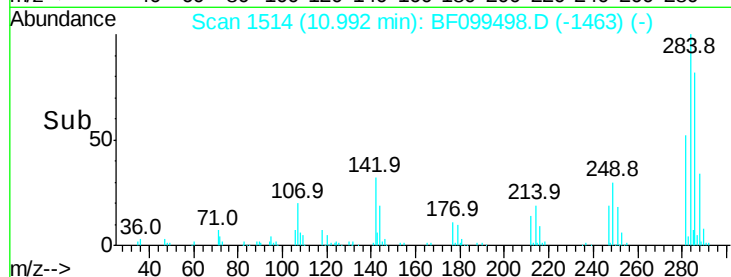
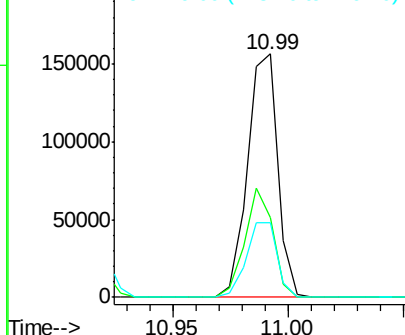
#67
Hexachlorobenzene
Concen: 42.719 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 143510
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 30.5 24.8 37.2

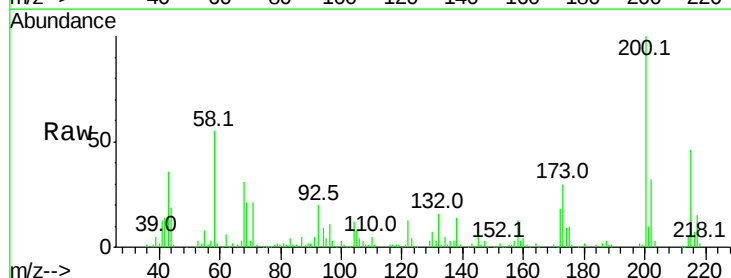


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

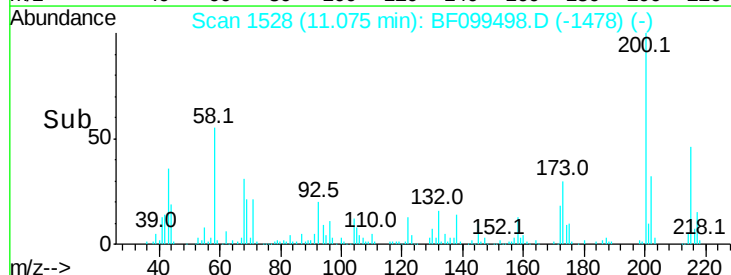
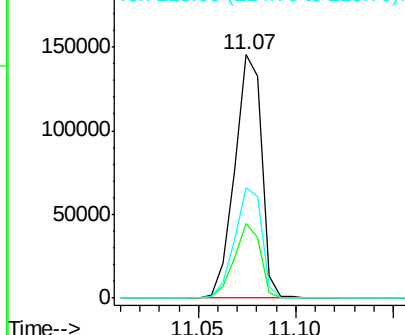


#68
Atrazine
Concen: 41.405 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:200 Resp: 138679
Ion Ratio Lower Upper
200 100
173 30.5 8.6 48.6
215 45.5 25.1 65.1



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

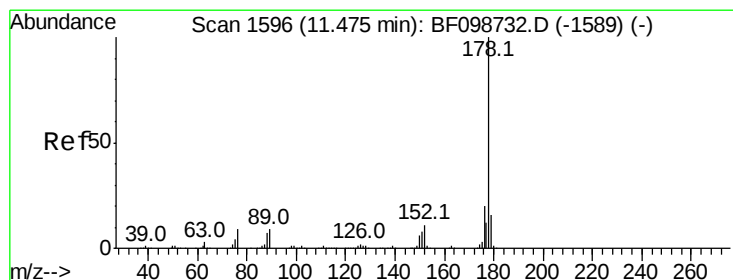
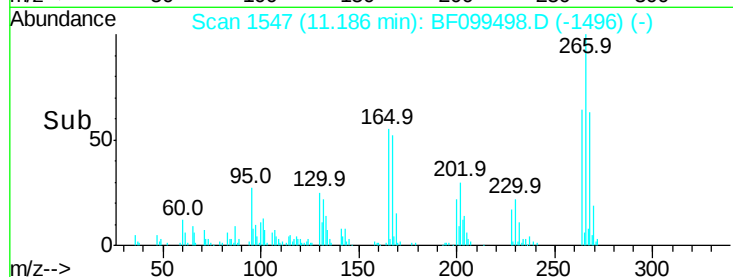
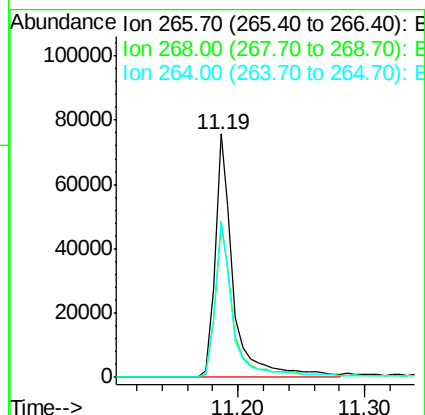
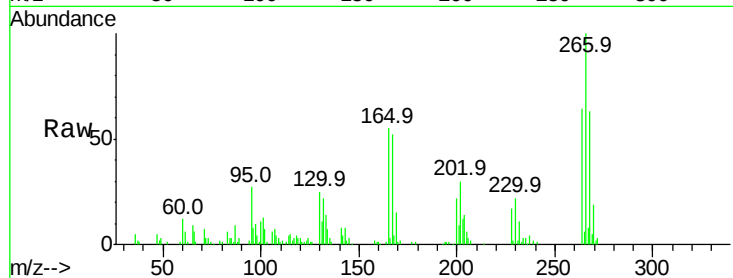




#69
 Pentachlorophenol
 Concen: 36.823 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

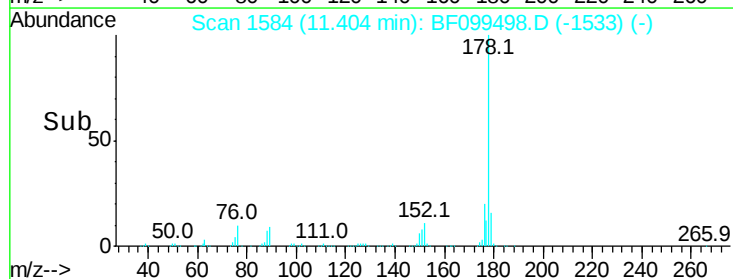
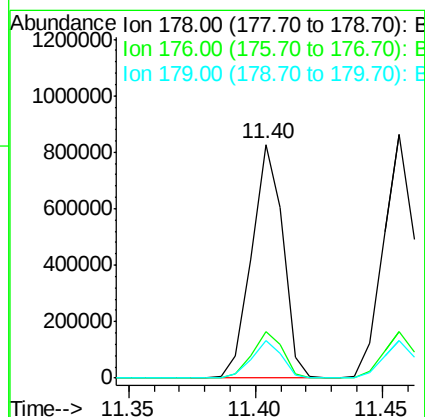
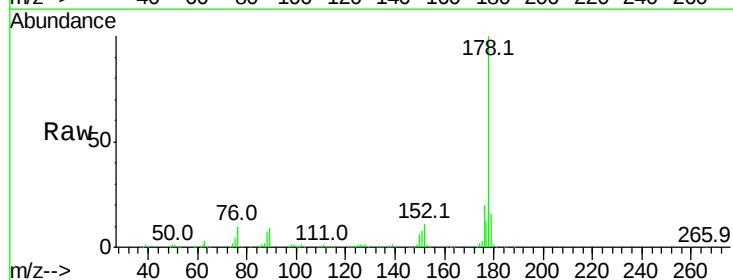
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	64.1	49.5	74.3



#70
 Phenanthrene
 Concen: 41.301 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	13.0	19.6

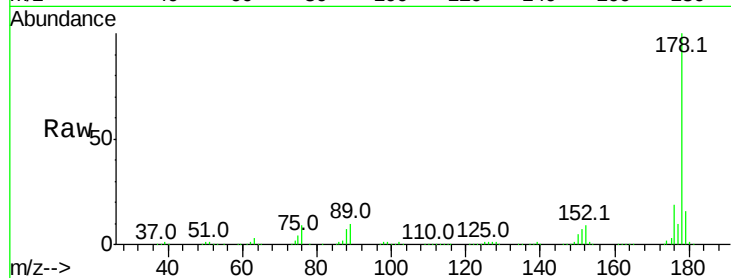




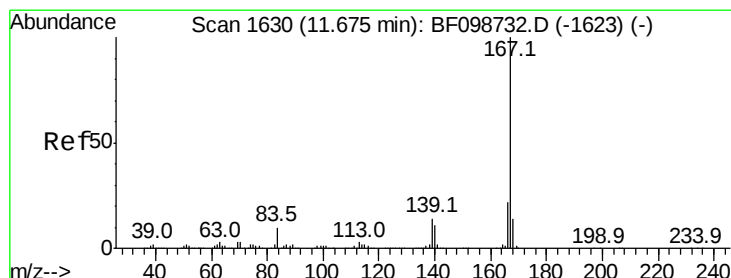
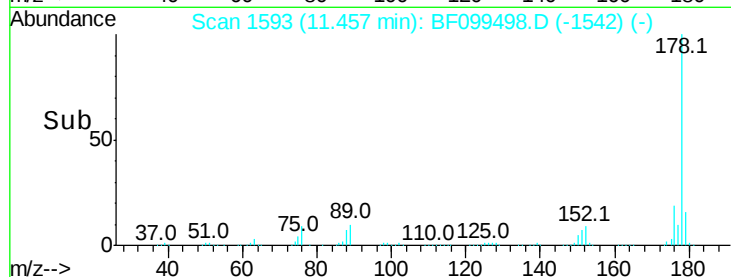
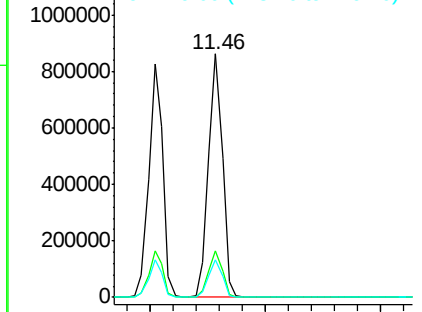
#71
 Anthracene
 Concen: 41.657 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 733140
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0

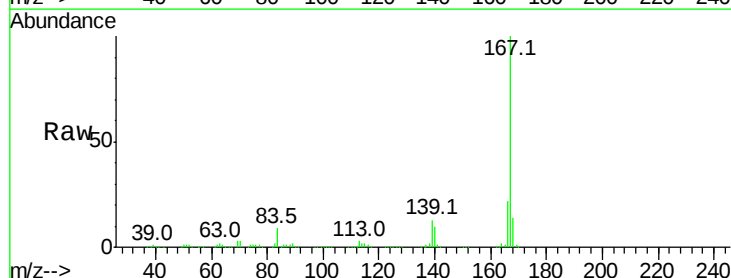


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

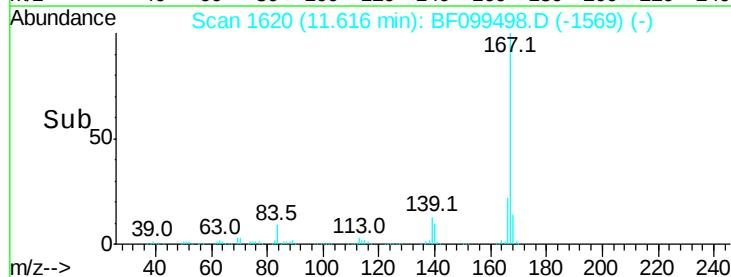
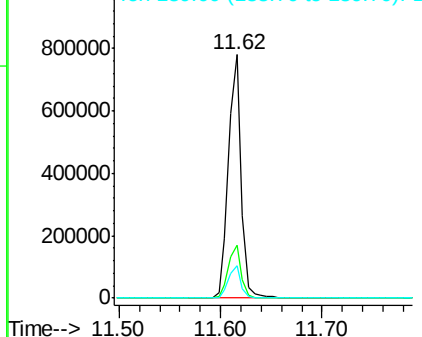


#72
 Carbazole
 Concen: 39.537 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion:167 Resp: 681404
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 40.525 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

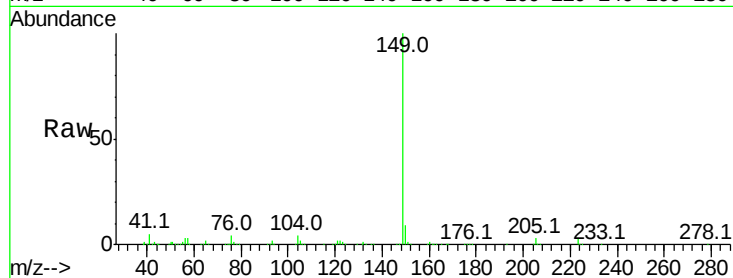
Tot Ion:149 Resp: 840685

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

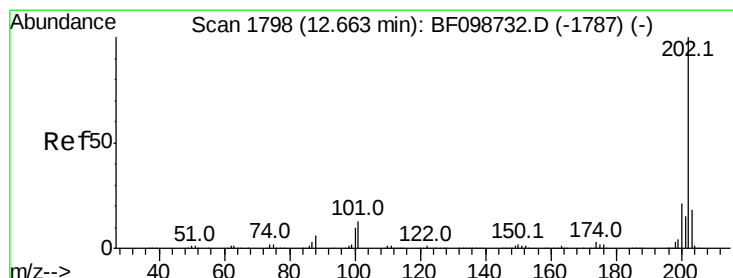
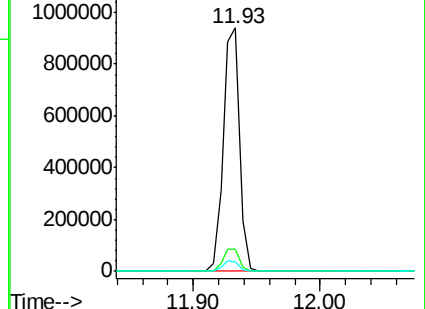
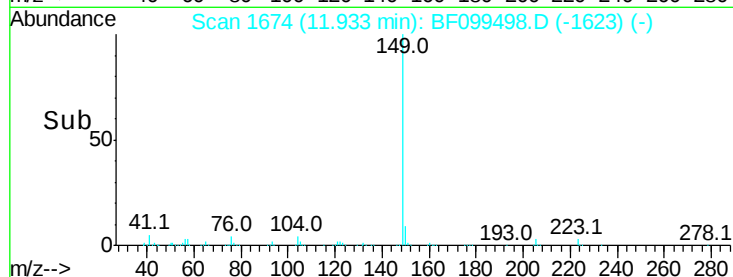
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.990 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

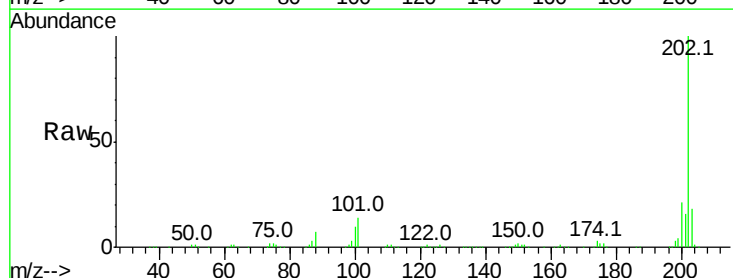
Tgt Ion:202 Resp: 644276

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

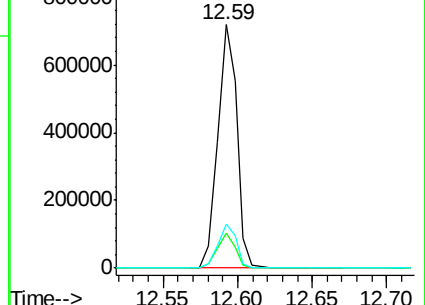
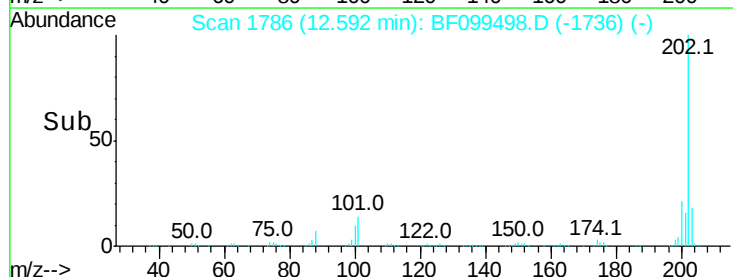
203 18.0 0.0 38.1

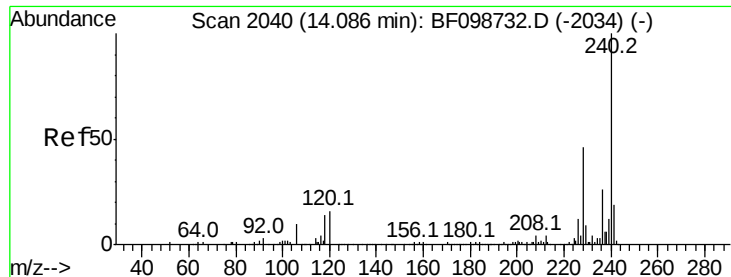


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

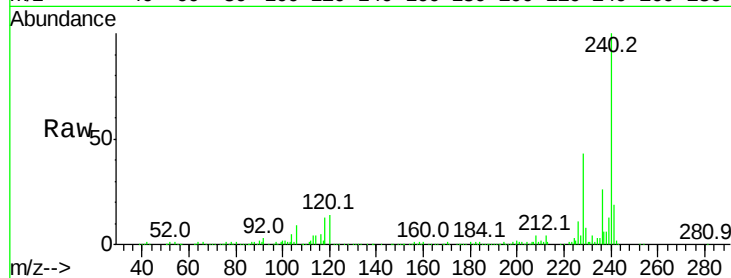
Tot Ion:240 Resp: 171299

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

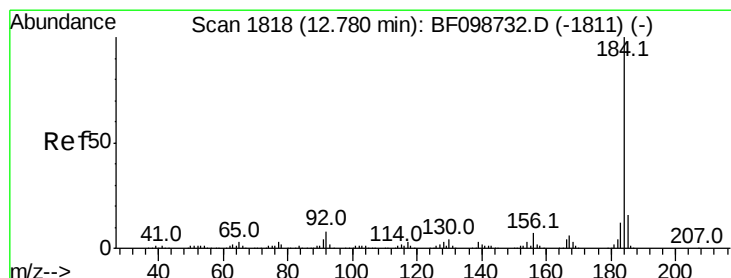
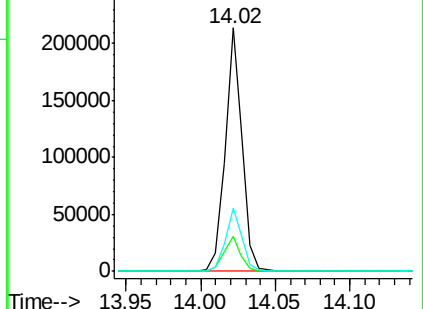
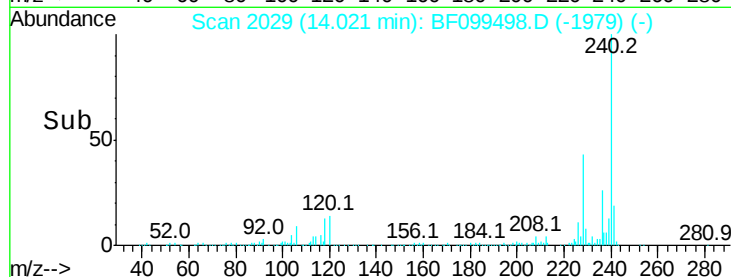
236 25.9 20.7 31.1



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



#76

Benzidine

Concen: 27.705 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

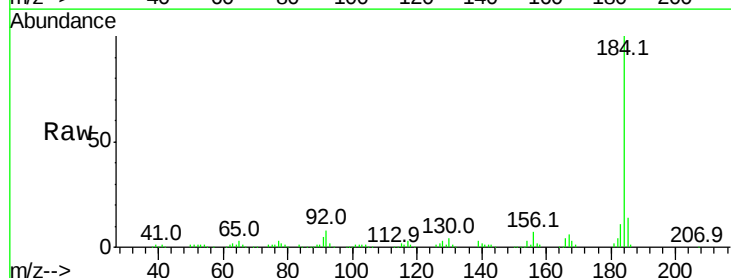
Tgt Ion:184 Resp: 175530

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

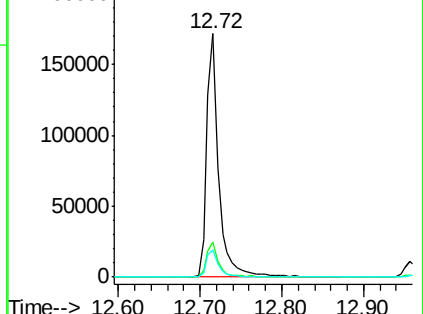
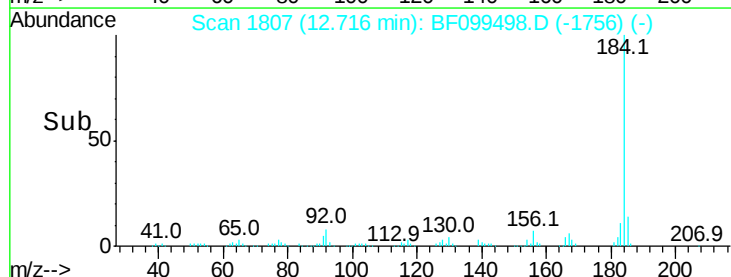
183 11.3 9.3 13.9

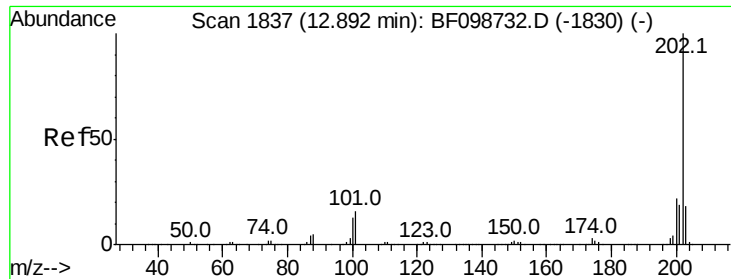


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

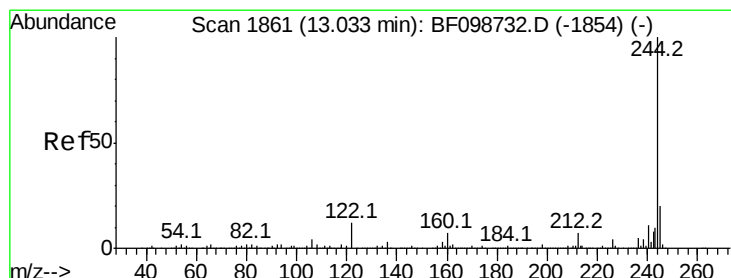
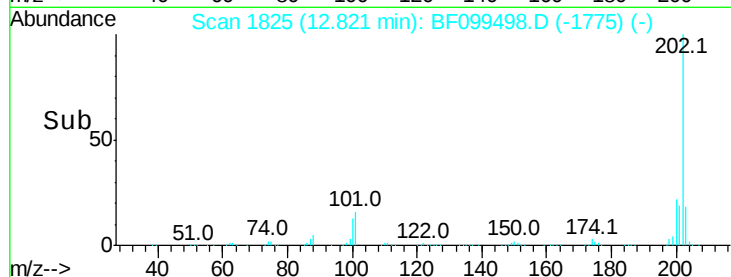
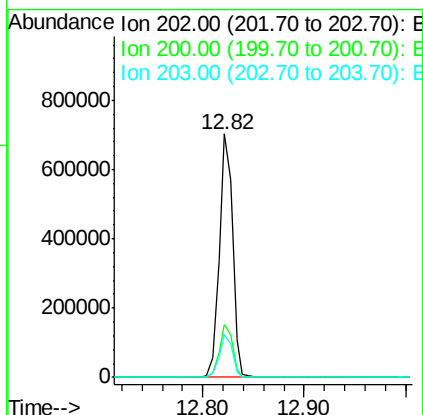
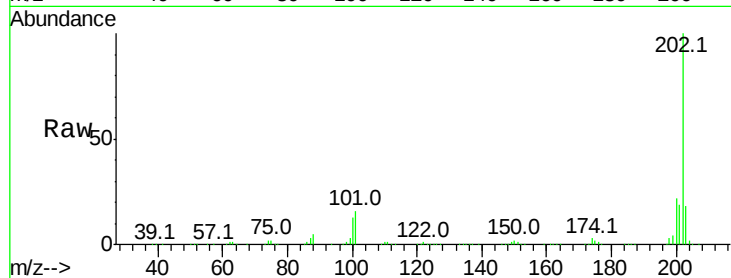




#77
 Pvrene
 Concen: 48.783 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

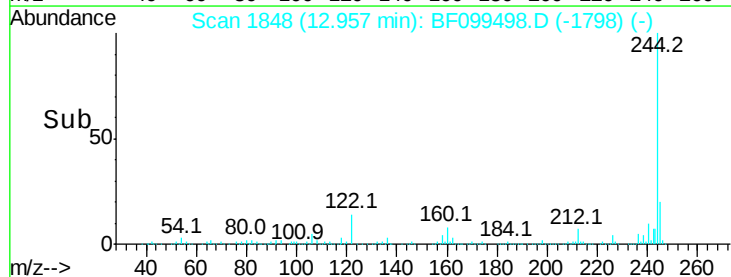
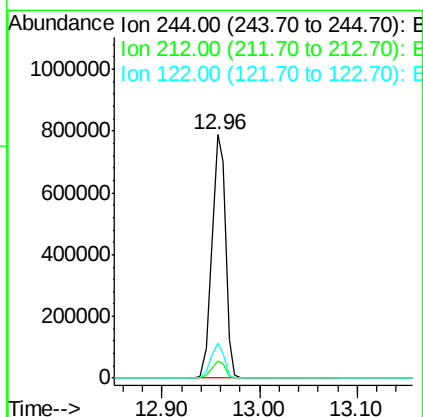
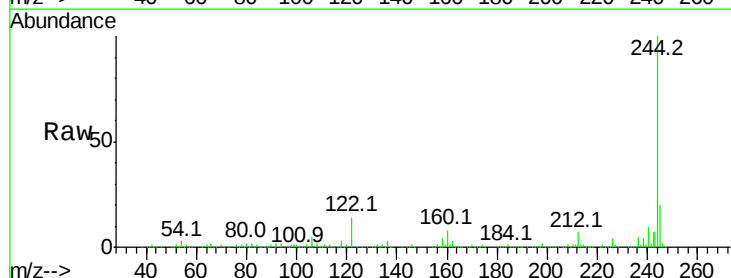
Instrument :
 BNA_F
 ClientSampleId :

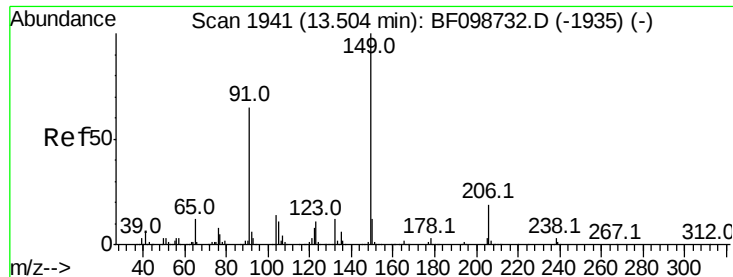
Tot Ion:202 Resp: 637219
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 100.759 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Tgt Ion:244 Resp: 758942
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4

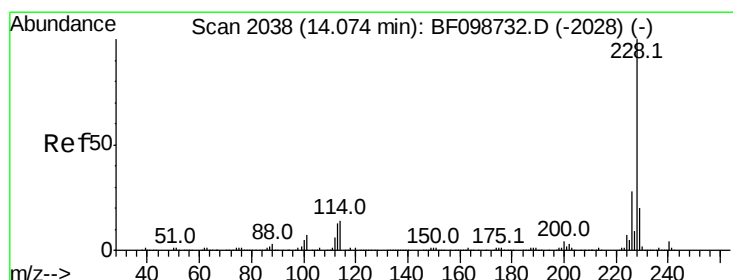
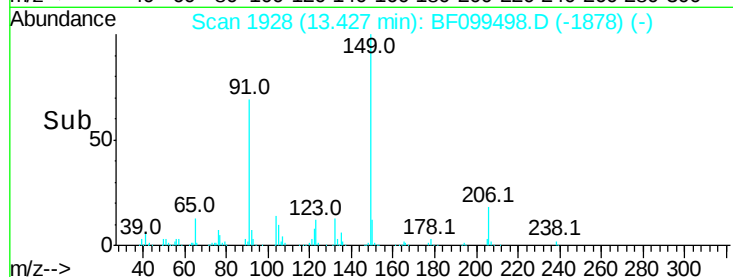
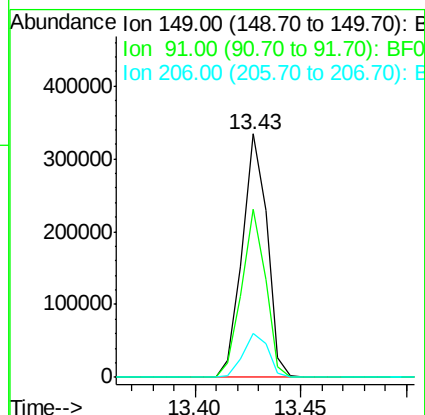
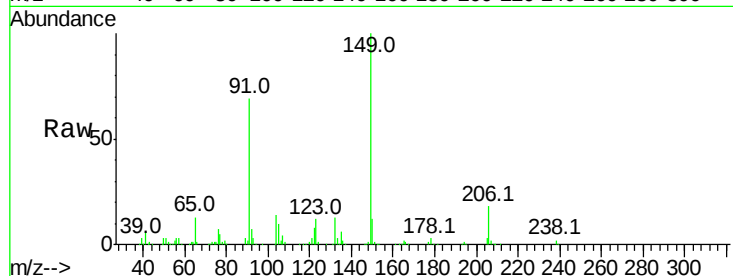




#79
Butylbenzylphthalate
Concen: 44.300 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

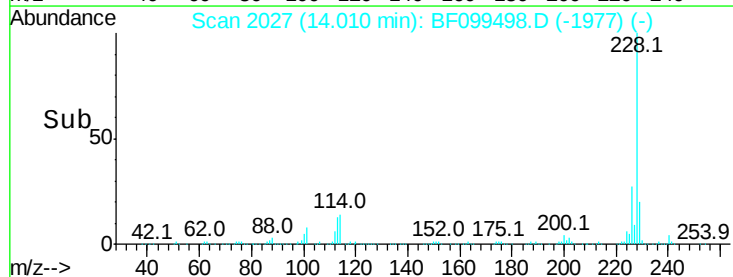
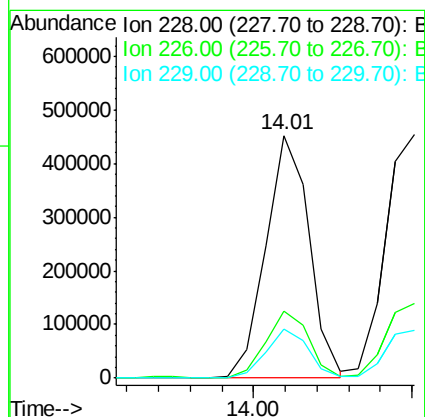
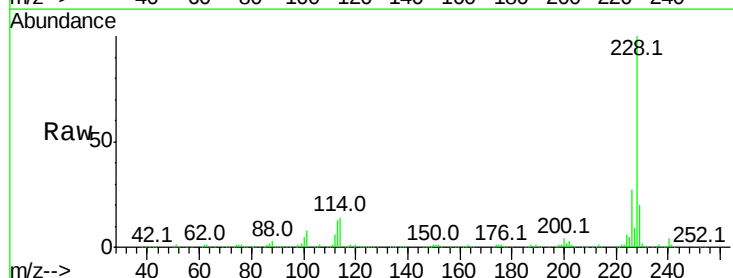
Instrument :
BNA_F
ClientSampleId :

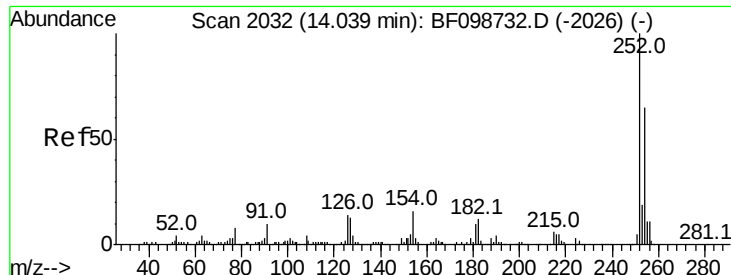
Tot Ion:149 Resp: 271957
Ion Ratio Lower Upper
149 100
91 69.2 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.616 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:228 Resp: 431665
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.565 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

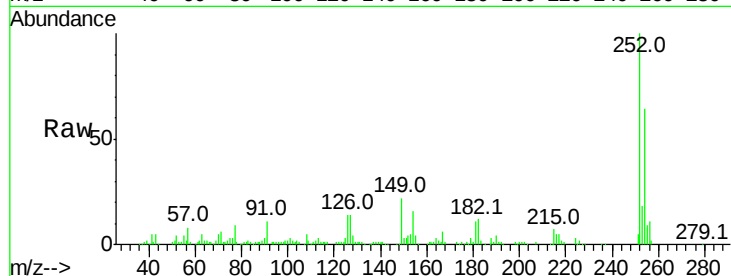
Tot Ion:252 Resp: 146643

Ion Ratio Lower Upper

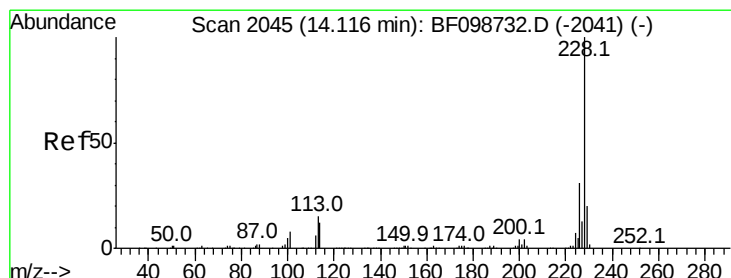
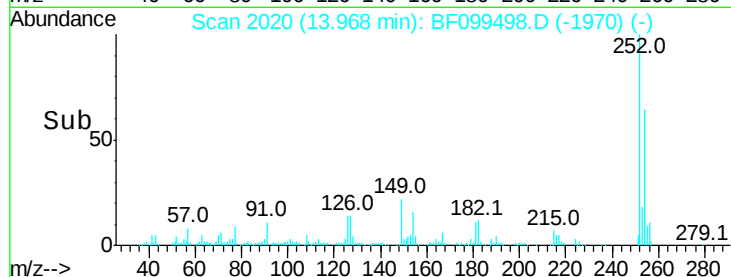
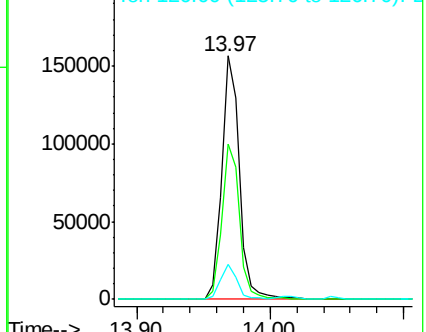
252 100

254 63.9 50.4 75.6

126 14.3 11.3 16.9



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: 42.427 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

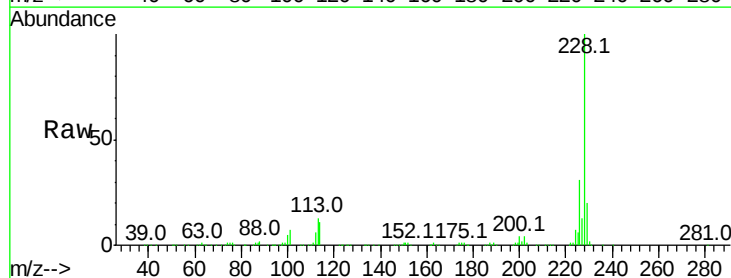
Tgt Ion:228 Resp: 418974

Ion Ratio Lower Upper

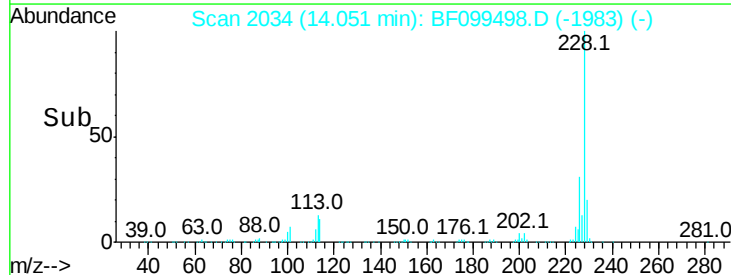
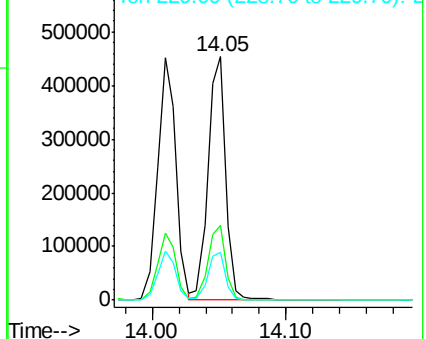
228 100

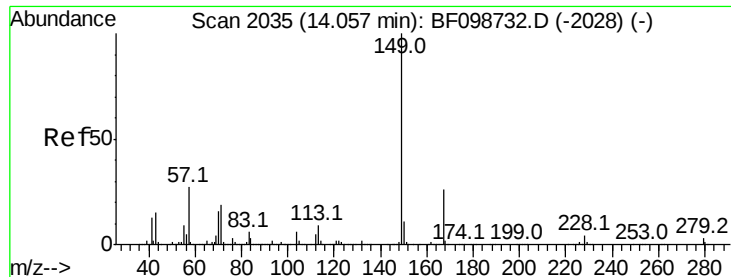
226 30.6 25.0 37.6

229 19.5 16.2 24.4



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: 39.148 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampled :

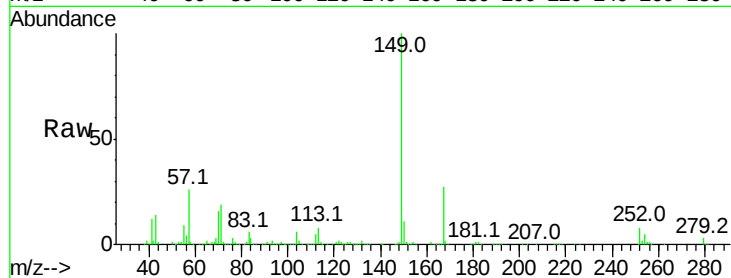
Tot Ion:149 Resp: 330919

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

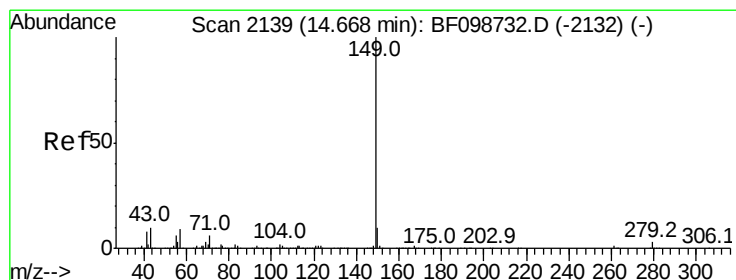
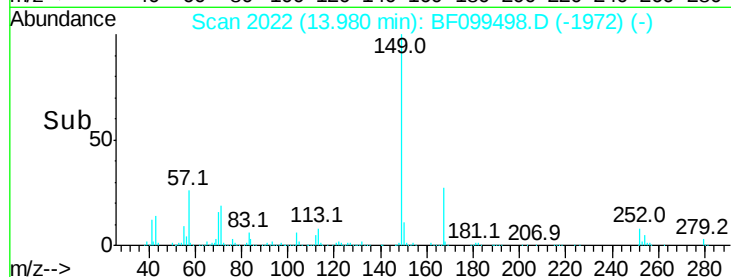
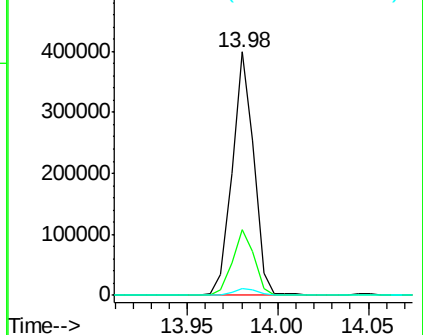
279 2.8 3.0 4.4#



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: 39.883 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

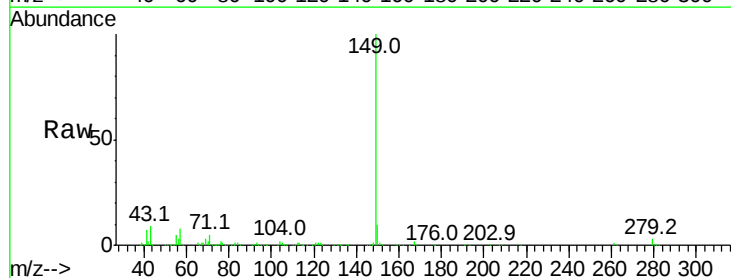
Tgt Ion:149 Resp: 542855

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

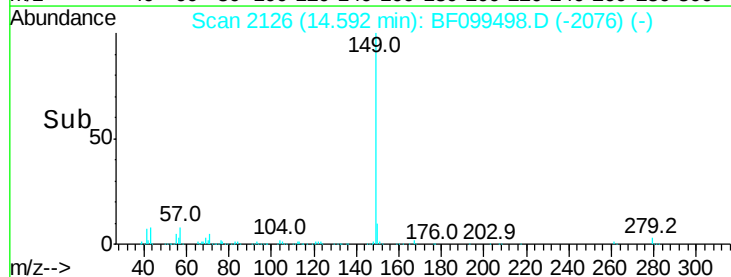
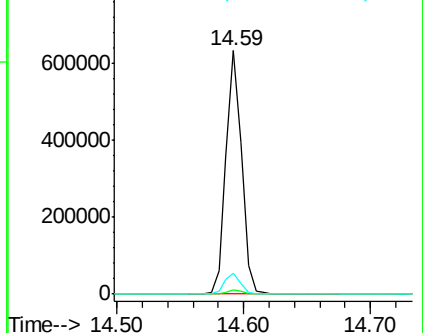
43 8.7 8.4 12.6

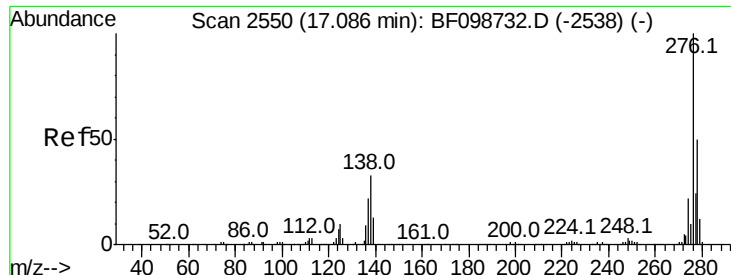


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 66.351 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampled :

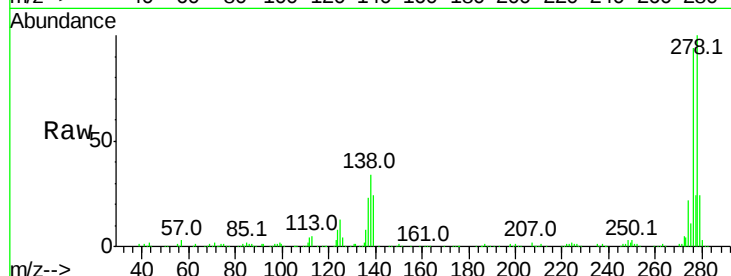
Tot Ion:276 Resp: 524146

Ion Ratio Lower Upper

276 100

138 34.5 25.0 37.6

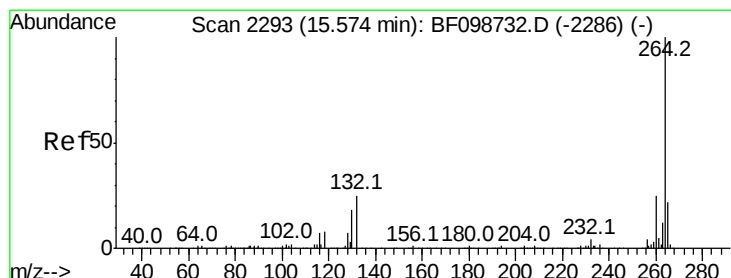
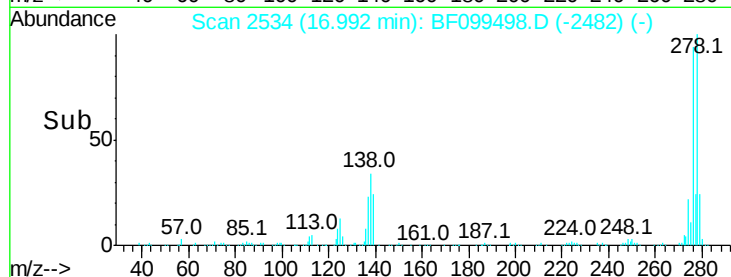
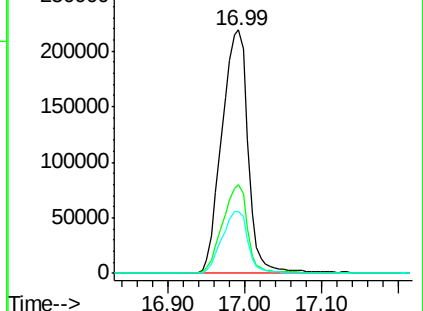
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

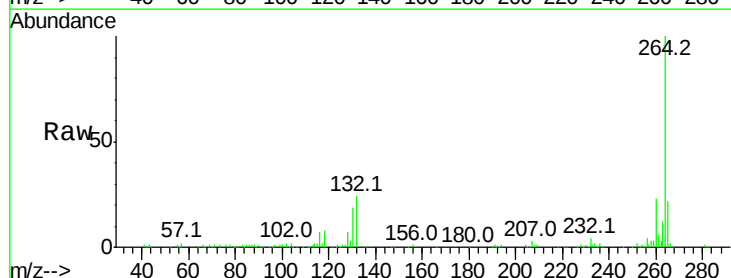
Tgt Ion:264 Resp: 175473

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

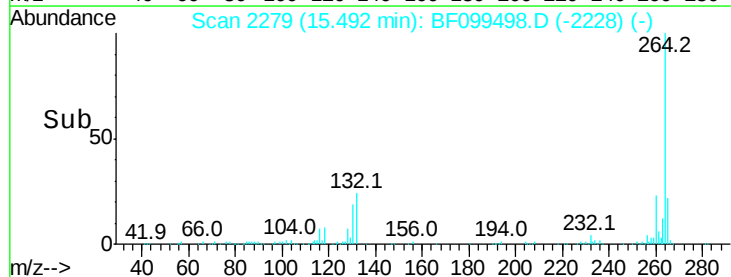
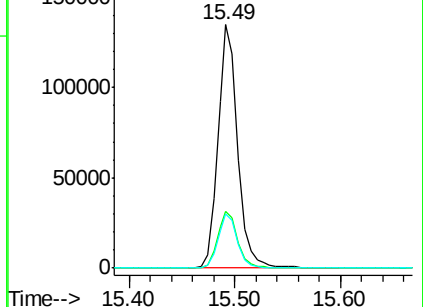
265 22.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

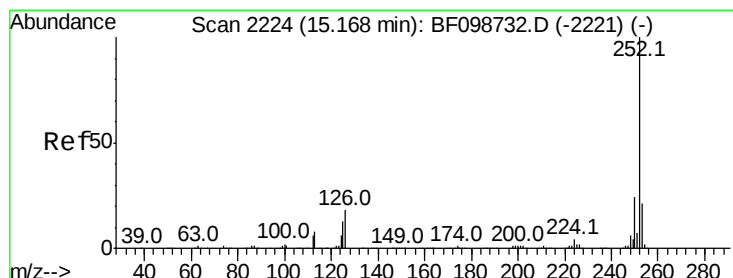
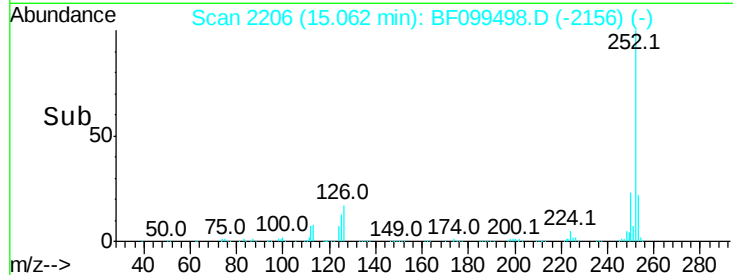
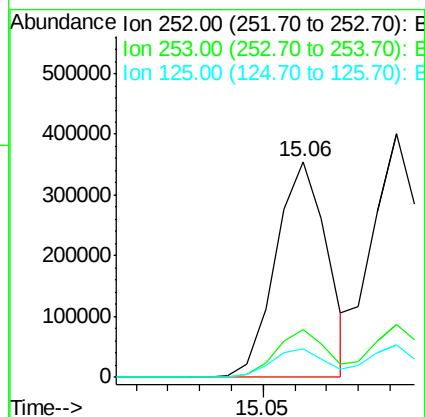
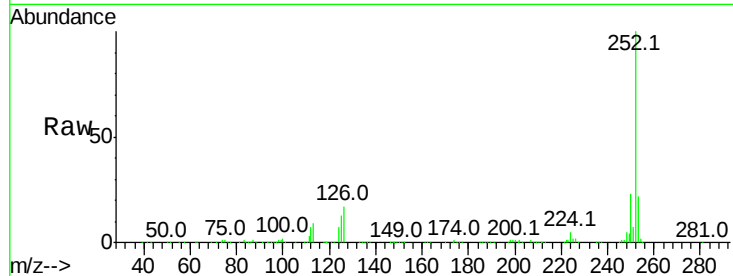




#87
Benzo(b)fluoranthene
Concen: 37.188 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

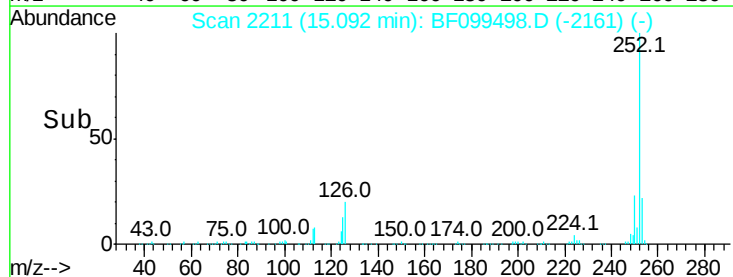
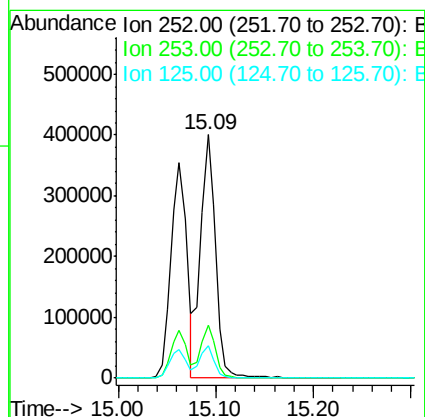
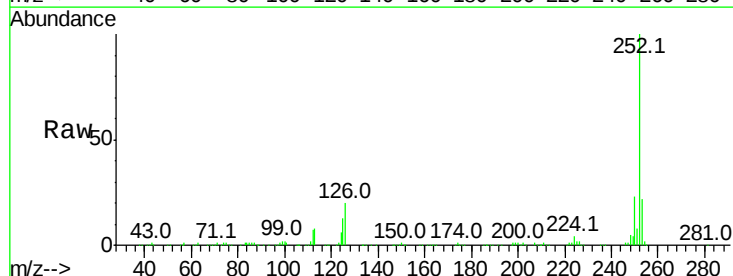
Instrument :
BNA_F
ClientSampleId :

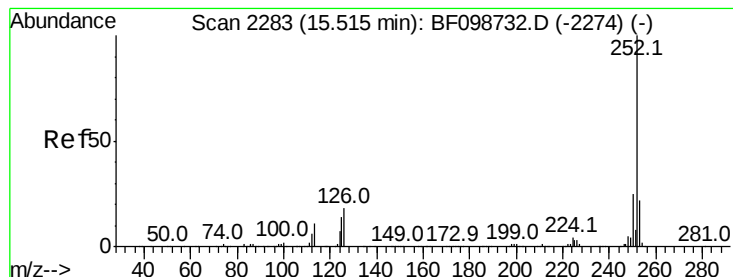
Tot Ion:252 Resp: 401209
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.094 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF099498.D
Acq: 15 Oct 2017 1:43

Tgt Ion:252 Resp: 427242
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.470 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

Instrument :

BNA_F

ClientSampleId :

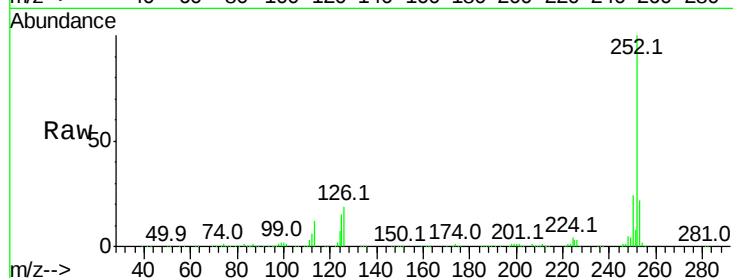
Tot Ion:252 Resp: 410688

Ion Ratio Lower Upper

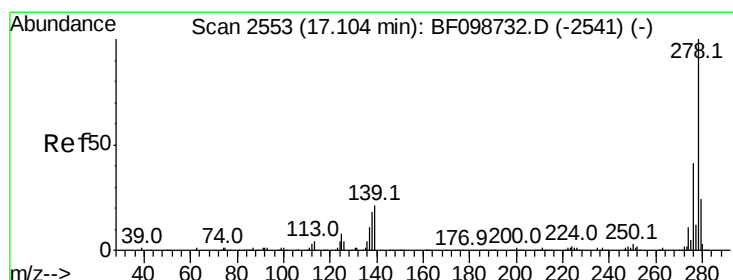
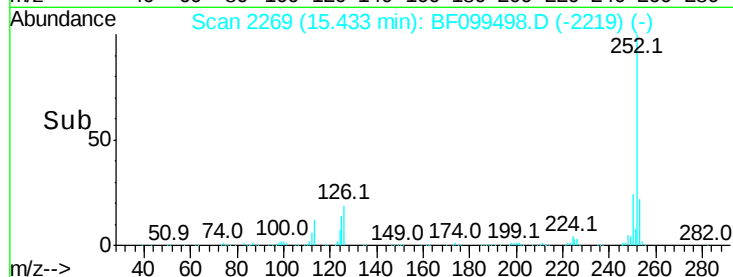
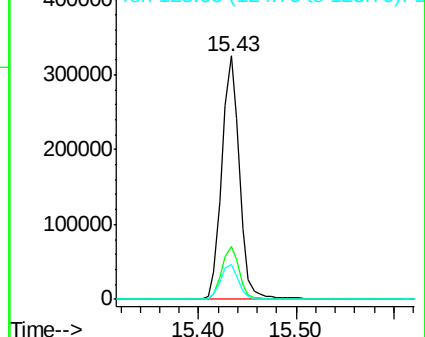
252 100

253 21.7 17.1 25.7

125 14.5 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 53.719 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF099498.D

Acq: 15 Oct 2017 1:43

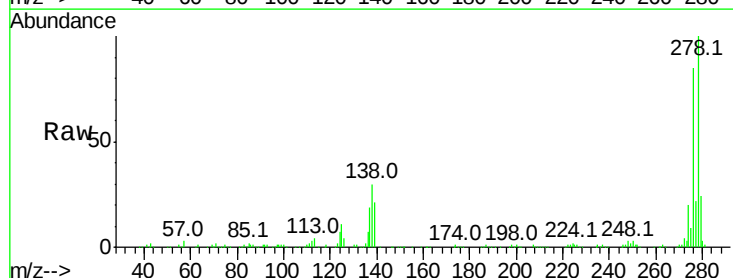
Tgt Ion:278 Resp: 425754

Ion Ratio Lower Upper

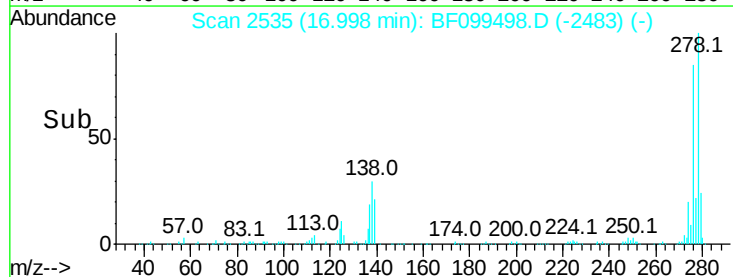
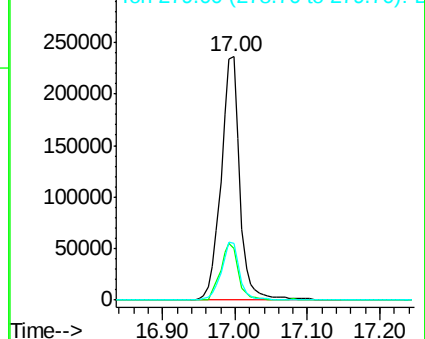
278 100

139 21.1 15.9 23.9

279 23.5 19.0 28.4



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

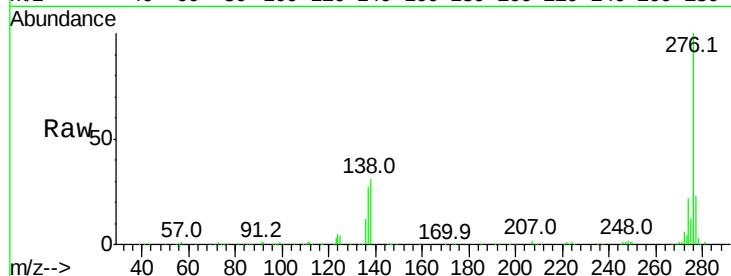




#91
 Benzo(a,h,i)perylene
 Concen: 57.454 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BF099498.D
 Acq: 15 Oct 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	450115
Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	30.6	21.8	32.8



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

