

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099387.D
 Acq On : 12 Oct 2017 11:13
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:21:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106756	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	439769	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197107	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	346248	20.00	ng	0.00
75) Chrysene-d12	14.02	240	228063	20.00	ng	0.00
86) Perylene-d12	15.48	264	187254	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	568613	84.79	ng	0.00
7) Phenol-d6	6.49	99	683621	82.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	557194	81.25	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	139175	86.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1029061	87.16	ng	0.00
78) Terphenyl-d14	12.96	244	903419	90.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	129963	40.569	ng	95
3) Pyridine	3.42	79	344847	39.793	ng	95
4) n-Nitrosodimethylamine	3.37	42	129141	35.142	ng	79
6) Aniline	6.52	93	445109	39.865	ng	97
8) 2-Chlorophenol	6.64	128	315322	41.520	ng	96
9) Benzaldehyde	6.41	77	170835	35.599	ng	93
10) Phenol	6.50	94	400478	43.285	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	290340	40.366	ng	96
12) 1,3-Dichlorobenzene	6.79	146	339066	42.631	ng	97
13) 1,4-Dichlorobenzene	6.87	146	341105	42.152	ng	99
14) 1,2-Dichlorobenzene	7.02	146	317454	42.456	ng	98
15) Benzyl Alcohol	7.00	79	224382	36.972	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	403469	36.004	ng	96
17) 2-Methylphenol	7.11	107	251832	40.526	ng	98
18) Hexachloroethane	7.36	117	115995	39.879	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	187460	35.491	ng	94
20) 3+4-Methylphenols	7.26	107	300792	38.263	ng	# 76
22) Acetophenone	7.27	105	406972	38.196	ng	# 96
24) Nitrobenzene	7.44	77	308962	39.718	ng	96
25) Isophorone	7.67	82	541553	38.197	ng	100
26) 2-Nitrophenol	7.75	139	175753	46.984	ng	92
27) 2,4-Dimethylphenol	7.79	122	272406	38.561	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	353399	39.998	ng	99
29) 2,4-Dichlorophenol	8.00	162	257612	42.473	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	259678	42.807	ng	98
31) Naphthalene	8.16	128	858435	41.562	ng	100
32) Benzoic acid	7.93	122	186451	32.131	ng	94
33) 4-Chloroaniline	8.21	127	360806	41.832	ng	96
34) Hexachlorobutadiene	8.27	225	131010	41.929	ng	100
35) Caprolactam	8.59	113	77738	39.956	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	273138	40.065	ng	93
37) 2-Methylnaphthalene	8.85	142	555956	41.406	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	255592	43.481	ng	99
40) Hexachlorocyclopentadiene	9.00	237	94336	35.117	ng	97

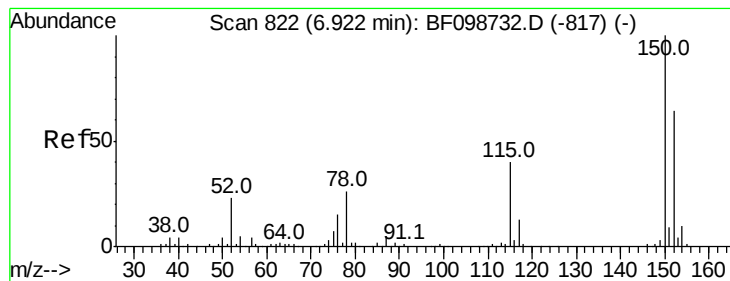
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099387.D
 Acq On : 12 Oct 2017 11:13
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:21:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	168750	40.522	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	173988	41.853	nq	96
45) 1,1'-Biphenyl	9.31	154	716958	42.323	nq	99
46) 2-Chloronaphthalene	9.34	162	539346	42.405	nq	97
47) 2-Nitroaniline	9.44	65	153737	39.475	nq	88
48) Acenaphthylene	9.75	152	807927	41.495	nq	100
49) Dimethylphthalate	9.61	163	618437	41.571	nq	100
50) 2,6-Dinitrotoluene	9.68	165	139804	43.166	nq #	82
51) Acenaphthene	9.93	154	477101	38.683	nq	98
52) 3-Nitroaniline	9.85	138	162955	43.151	nq	91
53) 2,4-Dinitrophenol	9.96	184	49589	33.095	nq #	84
54) Dibenzofuran	10.10	168	669583	40.774	nq	99
55) 4-Nitrophenol	10.01	139	103550	32.429	nq	89
56) 2,4-Dinitrotoluene	10.09	165	178970	42.579	nq	89
57) Fluorene	10.44	166	557455	42.234	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	114794	39.975	nq	98
59) Diethylphthalate	10.31	149	580039	39.902	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	250156	42.191	nq	95
61) 4-Nitroaniline	10.47	138	161086	44.214	nq	86
62) Azobenzene	10.59	77	503757	37.690	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	90495	42.957	nq #	74
65) n-Nitrosodiphenylamine	10.55	169	496626	41.402	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	140651	41.500	nq	97
67) Hexachlorobenzene	10.99	284	153344	42.362	nq	96
68) Atrazine	11.07	200	143701	39.818	nq	99
69) Pentachlorophenol	11.18	266	86909	38.578	nq	99
70) Phenanthrene	11.40	178	759621	40.986	nq	98
71) Anthracene	11.46	178	782905	41.285	nq	99
72) Carbazole	11.61	167	752465	40.520	nq	99
73) Di-n-butylphthalate	11.93	149	888509	39.750	nq	99
74) Fluoranthene	12.59	202	754838	40.221	nq	96
76) Benzidine	12.71	184	348305	41.292	nq	99
77) Pyrene	12.82	202	778900	44.788	nq	99
79) Butylbenzylphthalate	13.43	149	350446	42.877	nq	90
80) Benzo(a)anthracene	14.00	228	582260	42.163	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	208077	41.102	nq	98
82) Chrysene	14.04	228	556308	42.313	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	470960	41.848	nq	99
84) Di-n-octyl phthalate	14.59	149	728621	40.208	nq	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	474618	45.128	nq	97
87) Benzo(b)fluoranthene	15.06	252	487095	42.308	nq	98
88) Benzo(k)fluoranthene	15.09	252	465148	40.905	nq	99
89) Benzo(a)pyrene	15.42	252	446298	42.230	nq #	96
90) Dibenzo(a,h)anthracene	16.98	278	383893	45.390	nq	98
91) Benzo(g,h,i)perylene	17.42	276	398351	47.648	nq	99

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

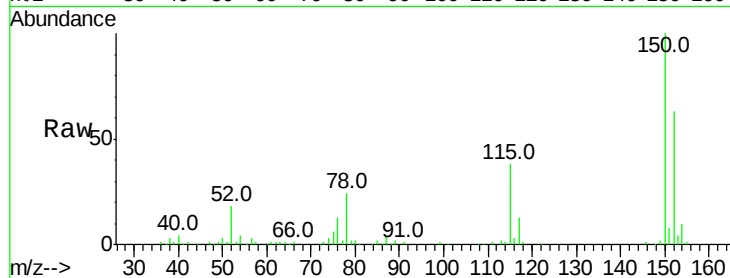


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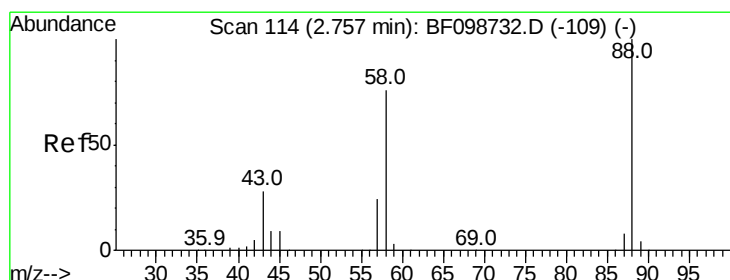
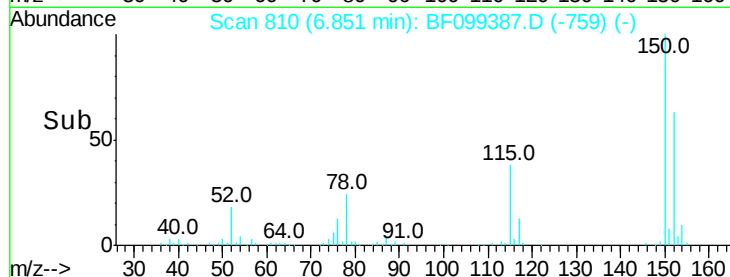
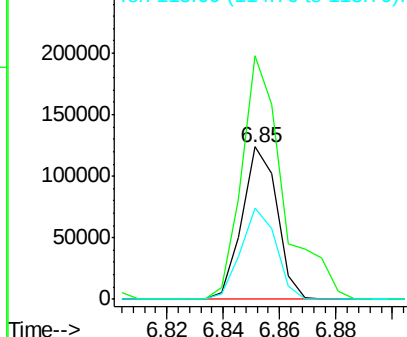
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106756
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 60.2 50.1 75.1



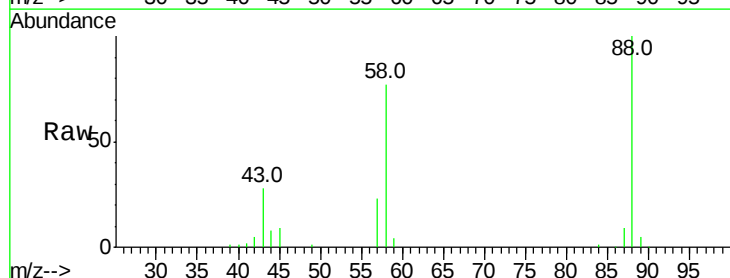
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



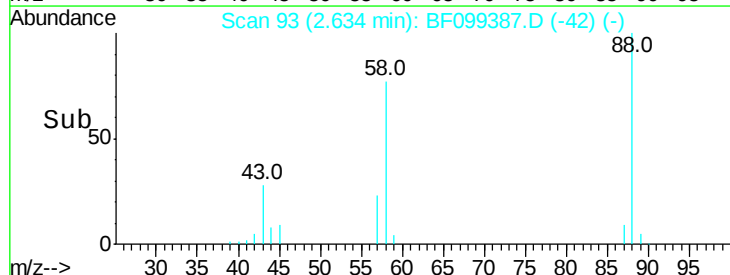
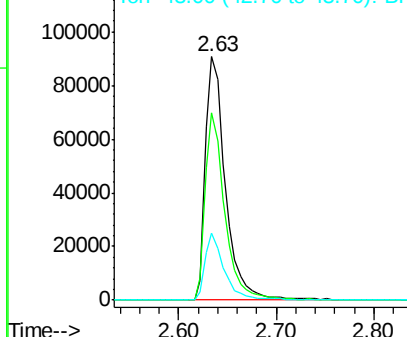
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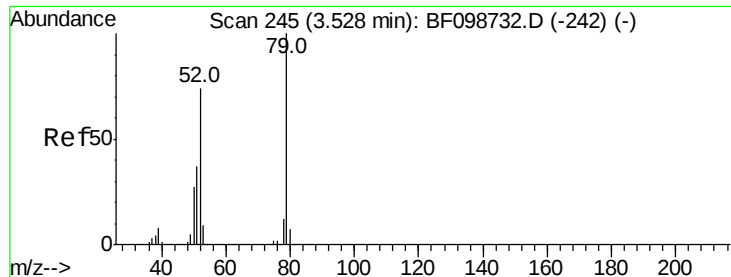
1,4-Dioxane
Concen: 40.569 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion: 88 Resp: 129963
Ion Ratio Lower Upper
88 100
58 74.9 62.6 93.8
43 26.1 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: 39.793 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampled :

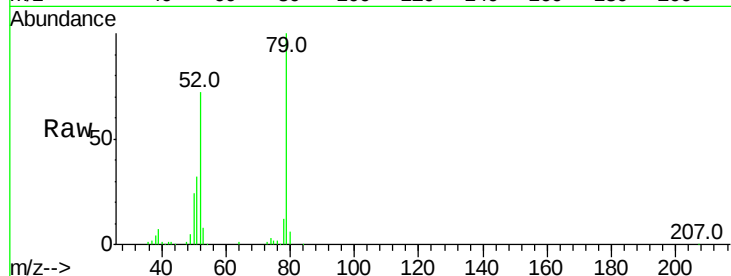
Tot Ion: 79 Resp: 344847

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

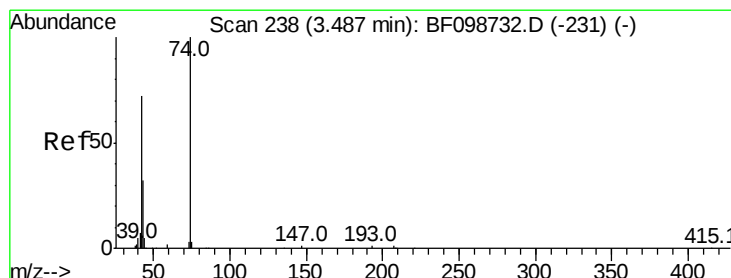
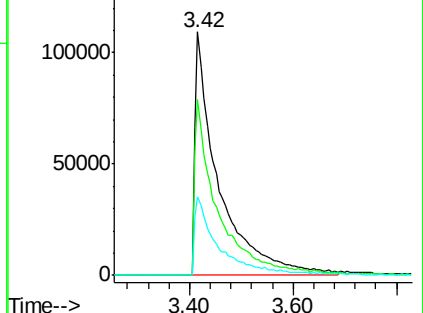
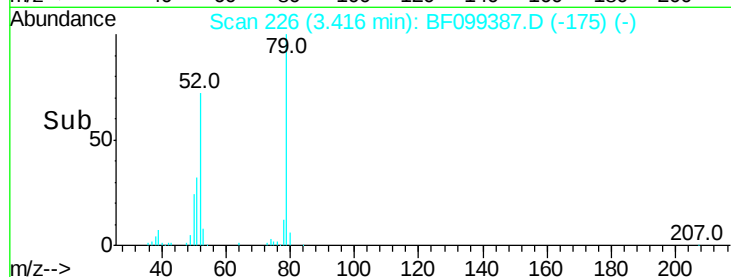
51 32.2 29.8 44.8



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: 35.142 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

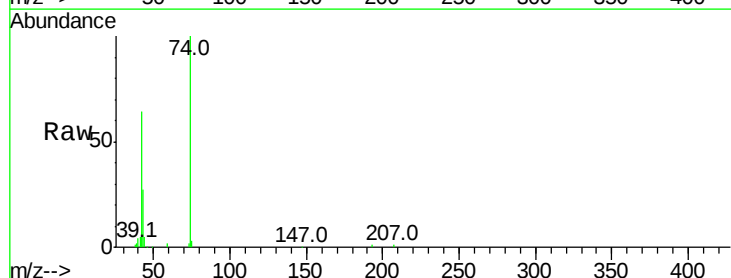
Tgt Ion: 42 Resp: 129141

Ion Ratio Lower Upper

42 100

74 157.1 104.9 157.3

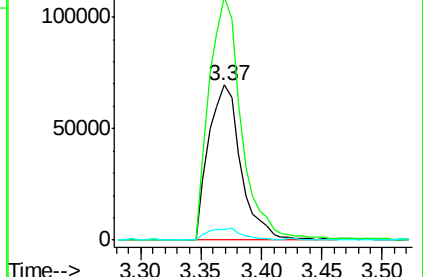
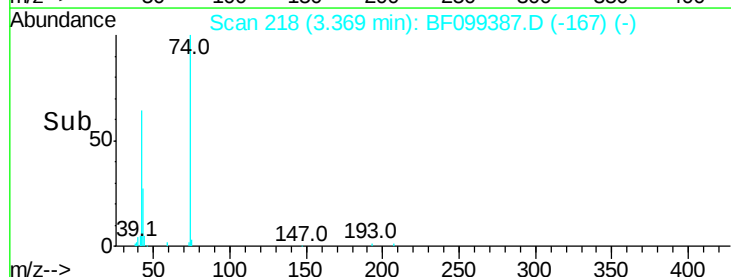
44 7.1 6.9 10.3



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

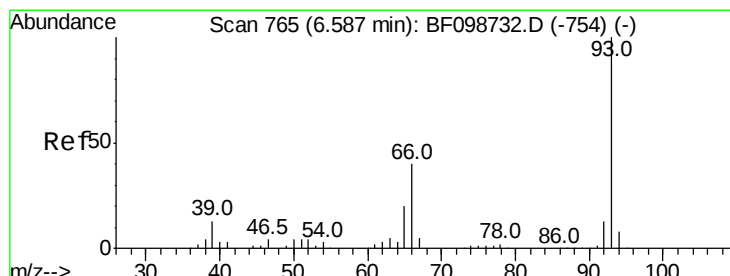
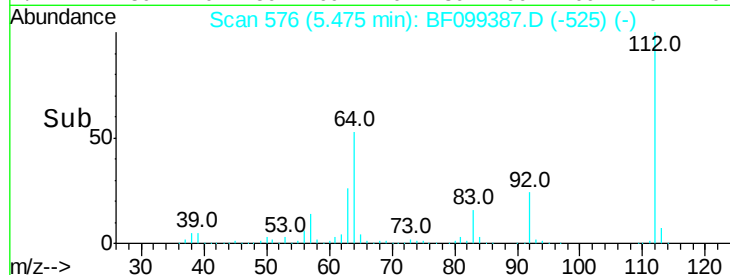
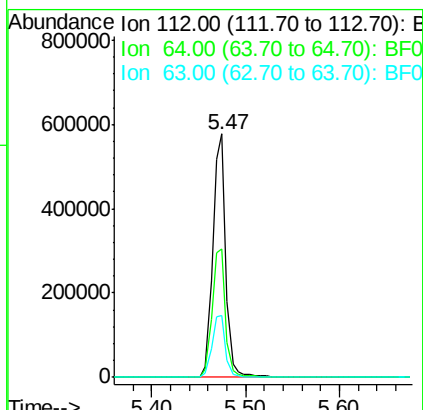
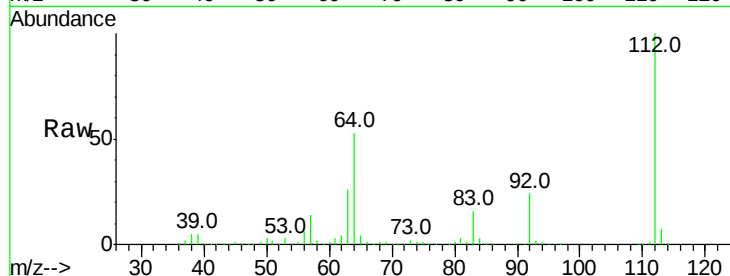




#5
 2-Fluorophenol
 Concen: 84.789 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

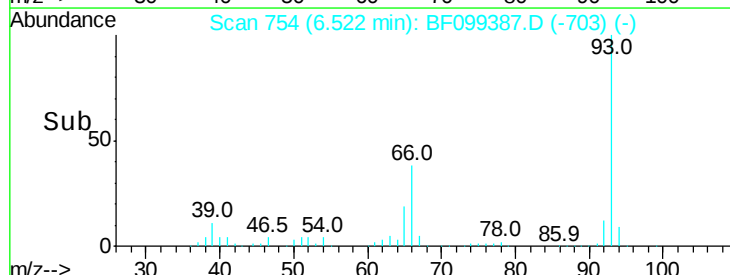
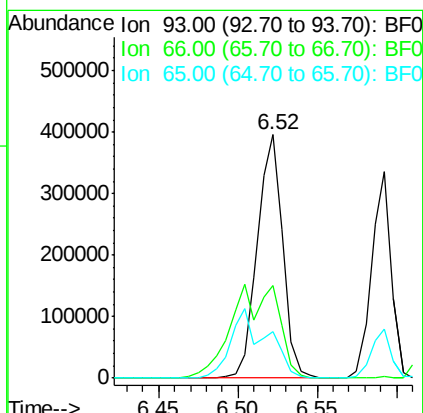
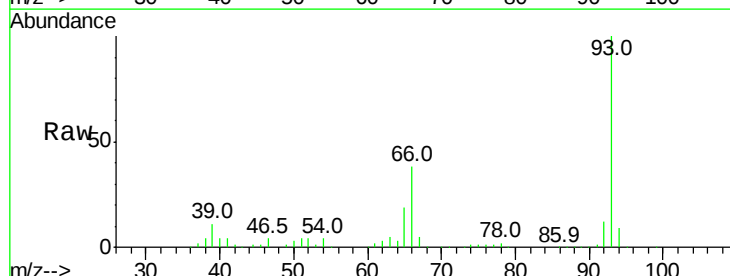
Instrument :
 BNA_F
 ClientSampled :

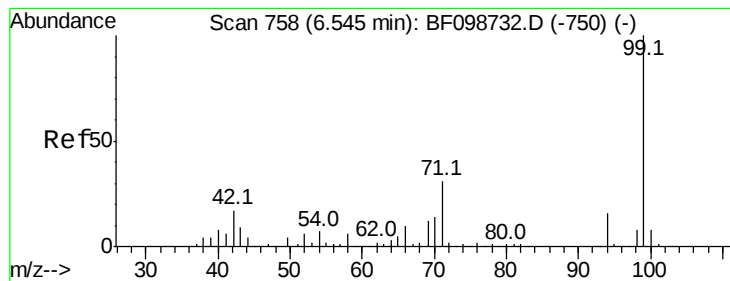
Tot Ion: 112 Resp: 568613
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.5 23.7 35.5



#6
 Aniline
 Concen: 39.865 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion: 93 Resp: 445109
 Ion Ratio Lower Upper
 93 100
 66 38.1 32.2 48.2
 65 19.0 16.4 24.6





#7

Phenol-d6

Concen: 82.634 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

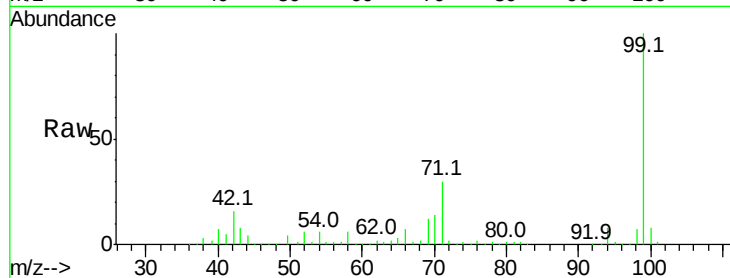
Tot Ion: 99 Resp: 683621

Ion Ratio Lower Upper

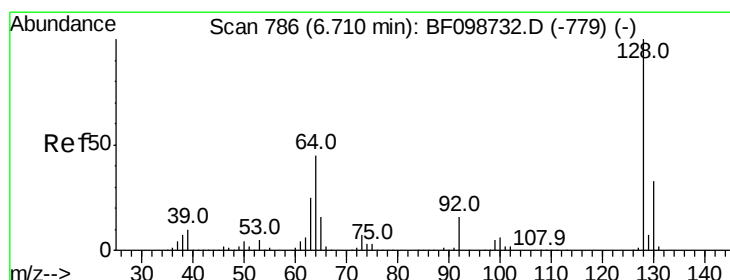
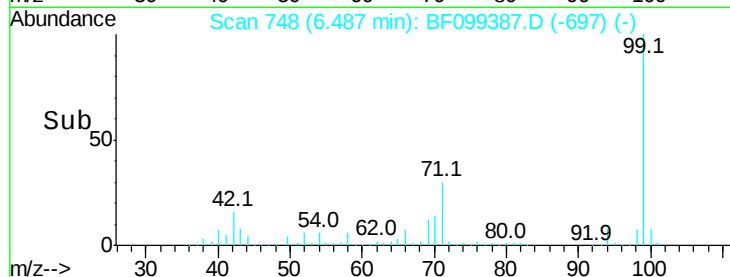
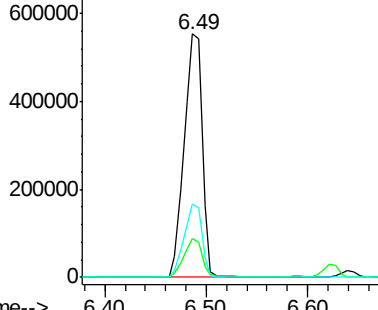
99 100

42 15.9 14.5 21.7

71 30.3 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: 41.520 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

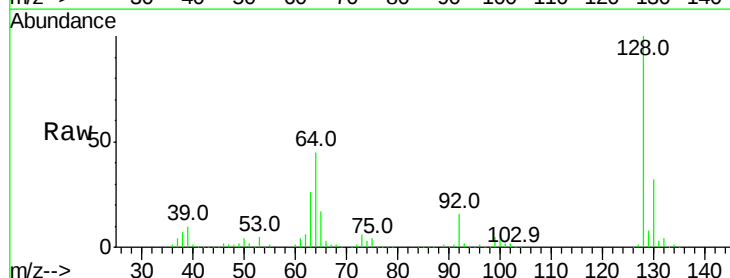
Tgt Ion: 128 Resp: 315322

Ion Ratio Lower Upper

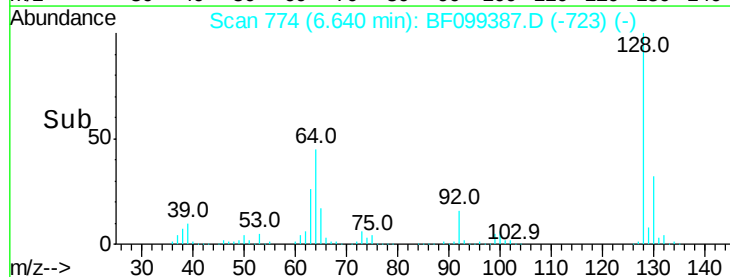
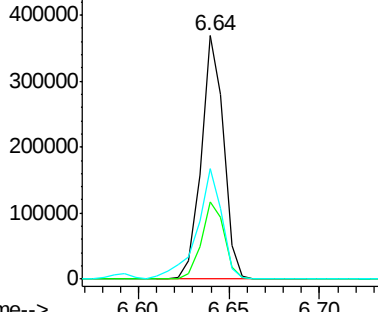
128 100

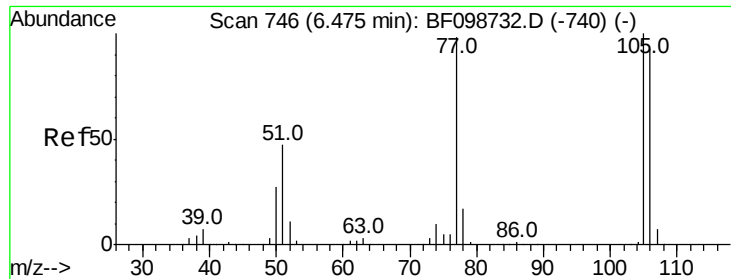
130 31.9 13.0 53.0

64 45.3 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

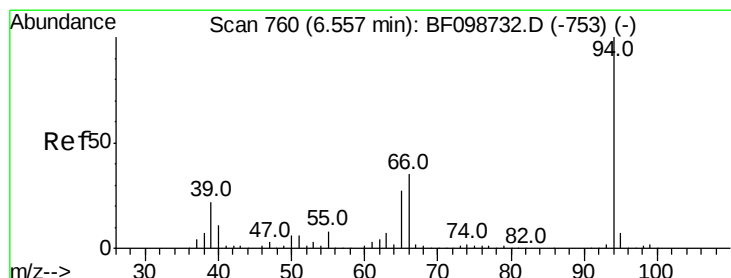
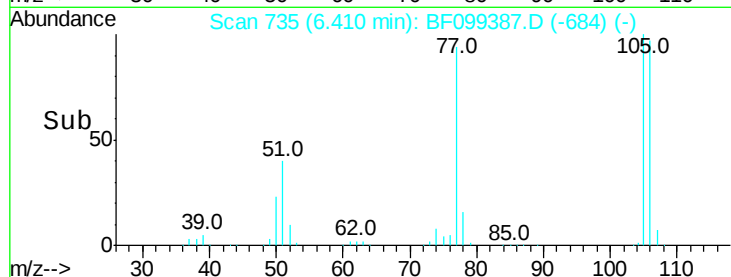
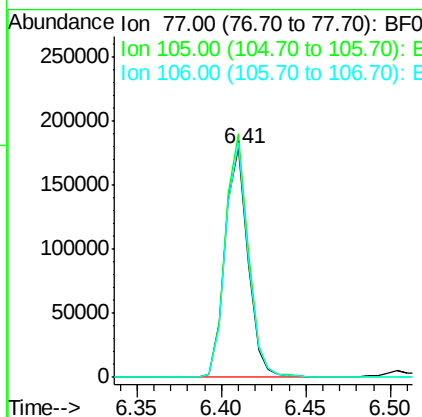
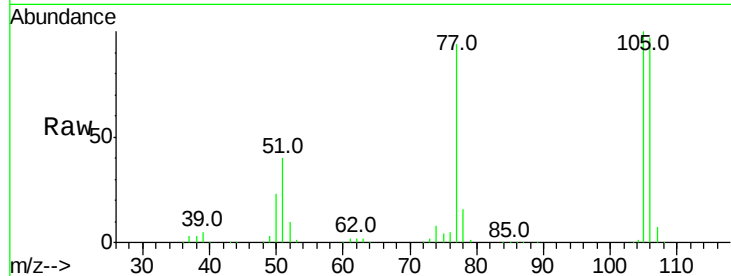




#9
Benzaldehyde
Concen: 35.599 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

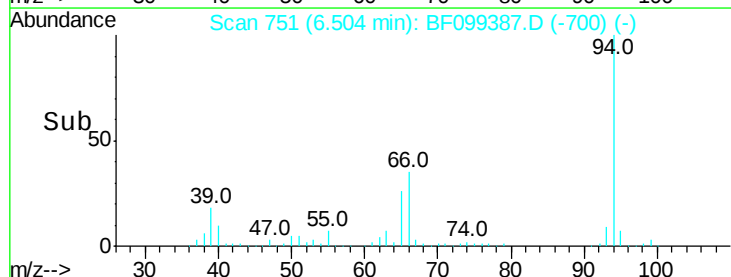
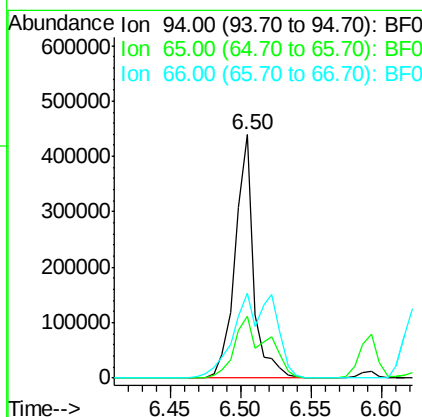
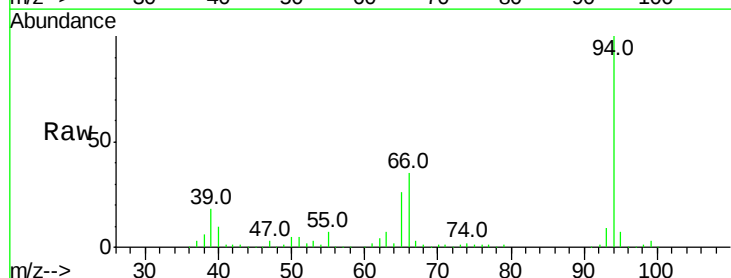
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 170835
Ion Ratio Lower Upper
77 100
105 106.3 81.1 121.1
106 102.6 74.5 114.5



#10
Phenol
Concen: 43.285 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion: 94 Resp: 400478
Ion Ratio Lower Upper
94 100
65 25.6 7.9 47.9
66 35.0 16.2 56.2

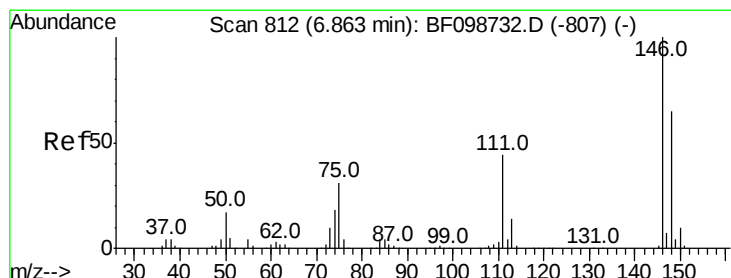
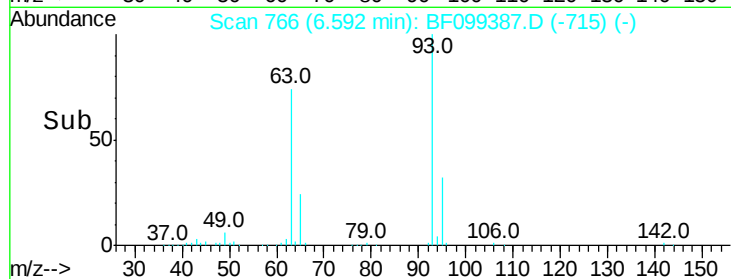
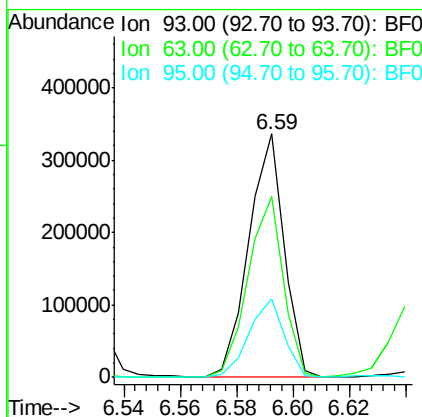
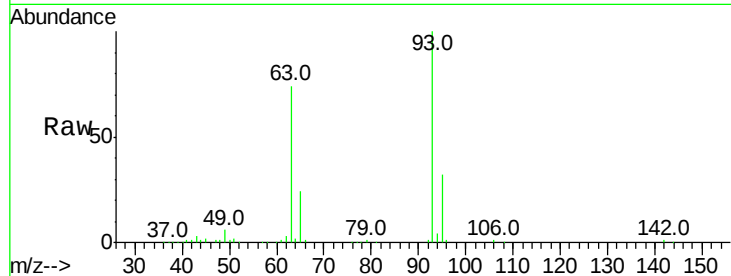




#11
bis(2-Chloroethyl)ether
Concen: 40.366 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

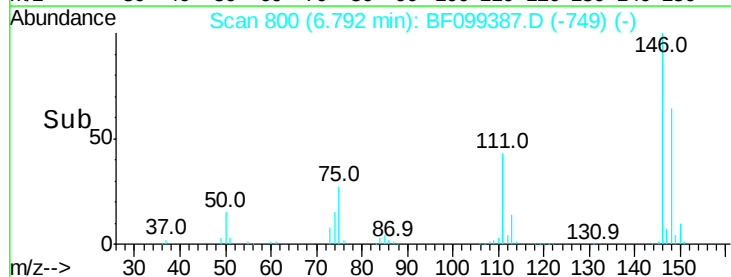
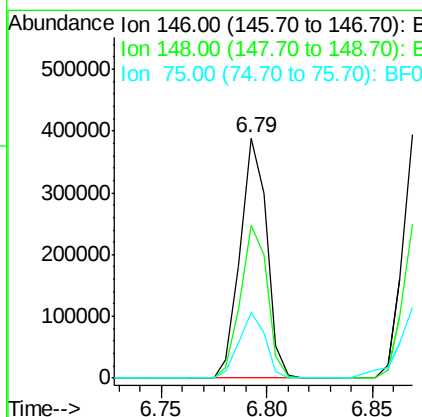
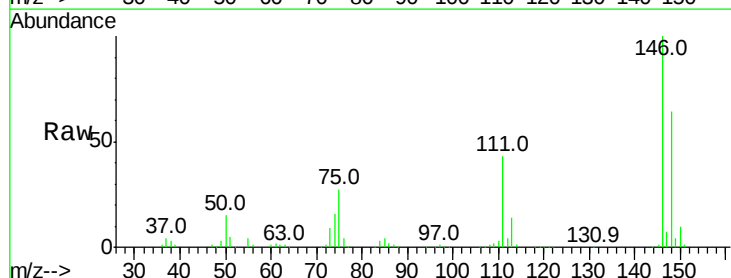
Instrument :
BNA_F
ClientSampleId :

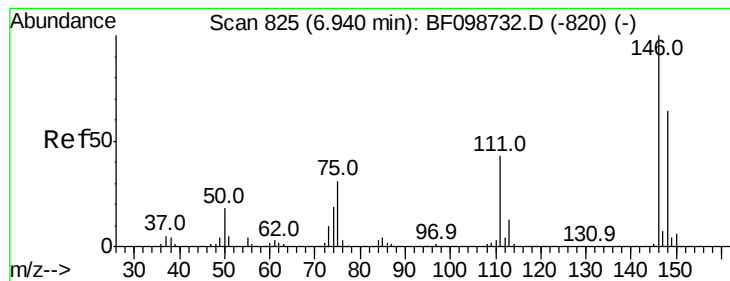
Tot Ion: 93 Resp: 290340
Ion Ratio Lower Upper
93 100
63 74.4 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.631 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion: 146 Resp: 339066
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 27.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampled :

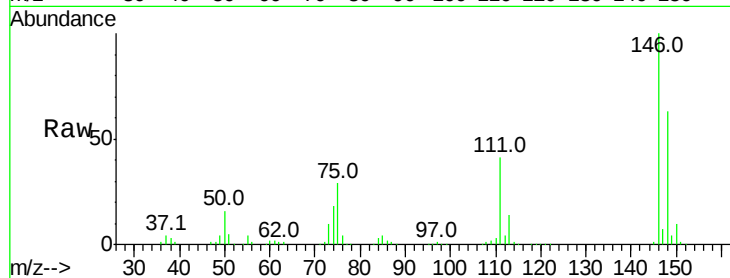
Tot Ion:146 Resp: 341105

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

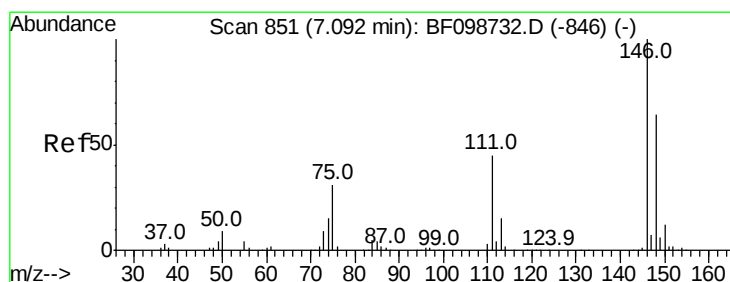
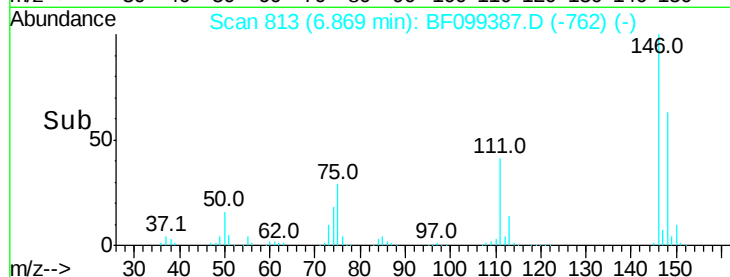
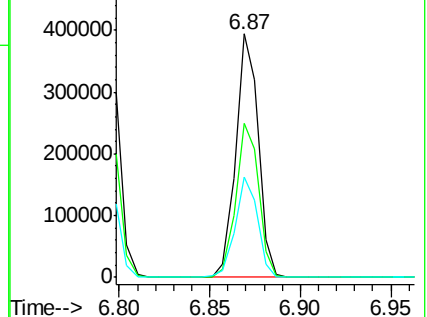
111 41.3 34.2 51.2



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: 42.456 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

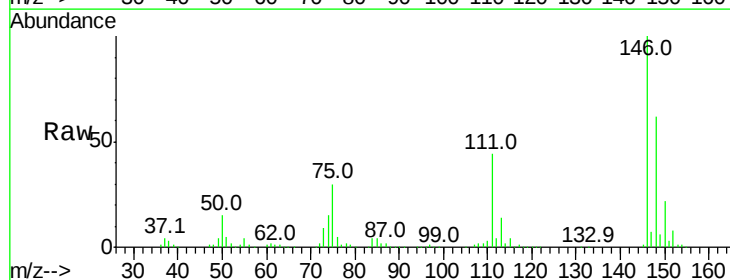
Tgt Ion:146 Resp: 317454

Ion Ratio Lower Upper

146 100

148 62.3 50.6 75.8

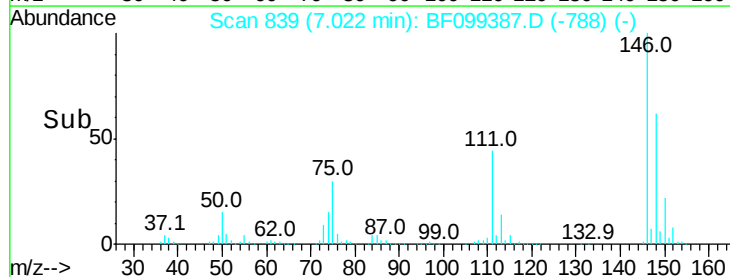
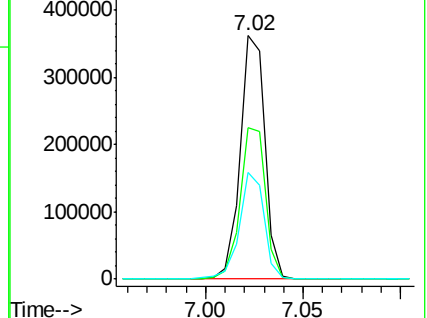
111 43.6 36.0 54.0

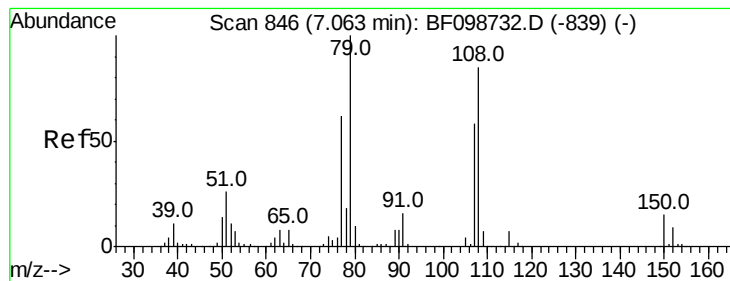


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.972 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :
BNA_F
ClientSampleId :

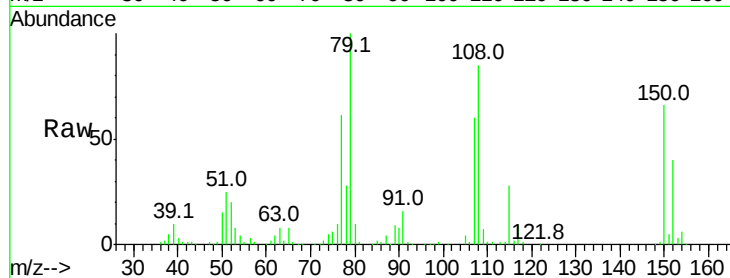
Tot Ion: 79 Resp: 224382

Ion Ratio Lower Upper

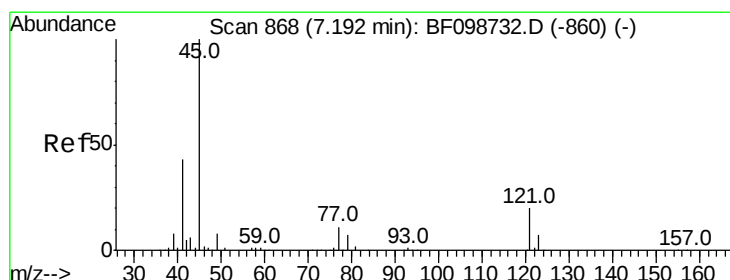
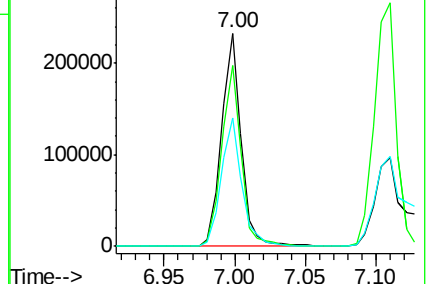
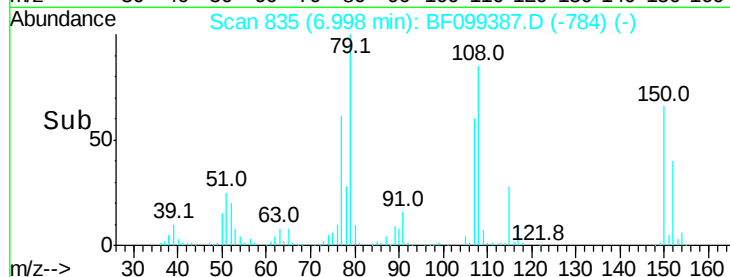
79 100

108 84.8 65.1 97.7

77 60.5 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.004 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

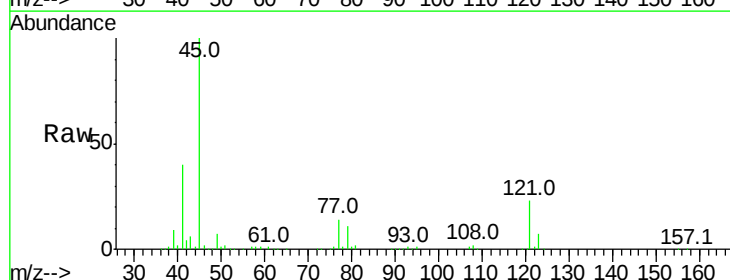
Tgt Ion: 45 Resp: 403469

Ion Ratio Lower Upper

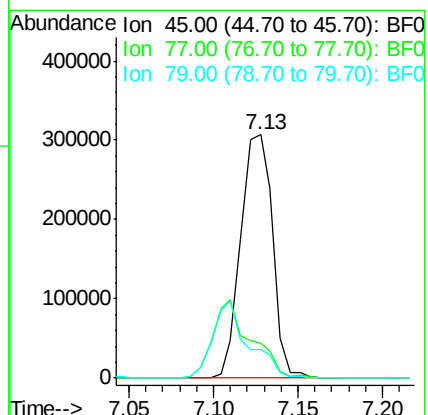
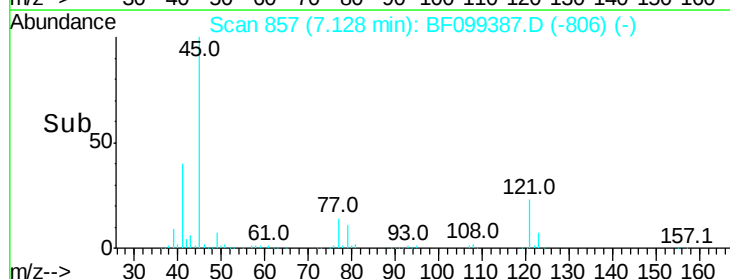
45 100

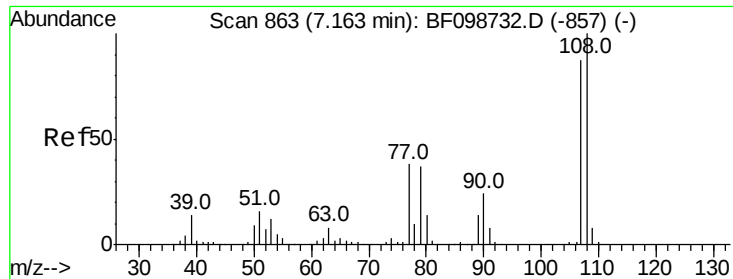
77 14.2 0.0 32.9

79 11.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.526 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 251832

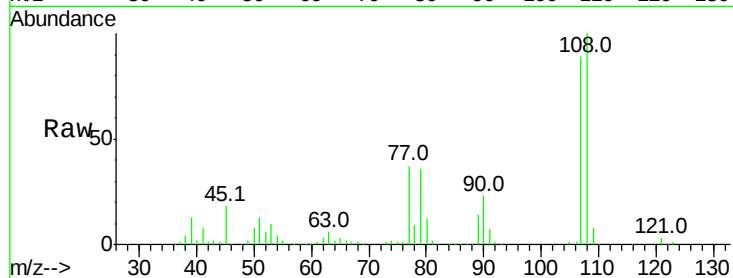
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 41.4 33.8 50.8

79 40.9 33.8 50.8

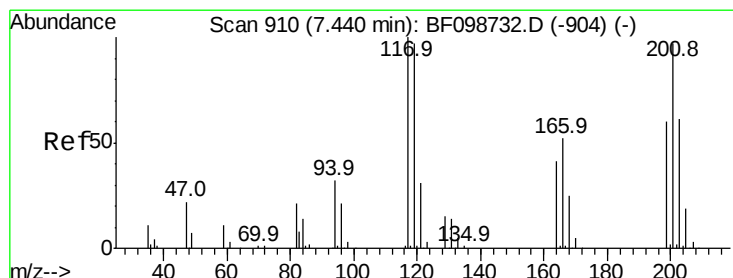
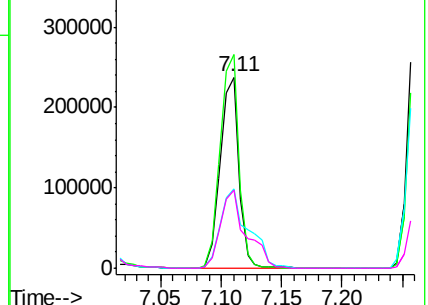
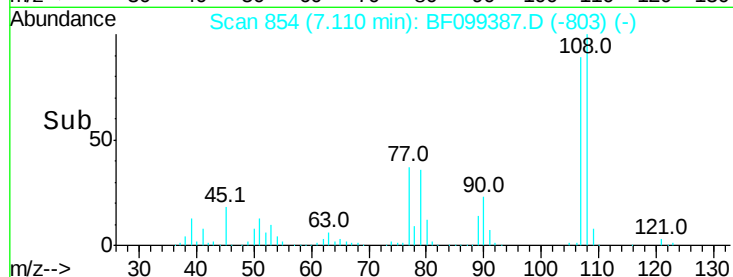


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.879 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

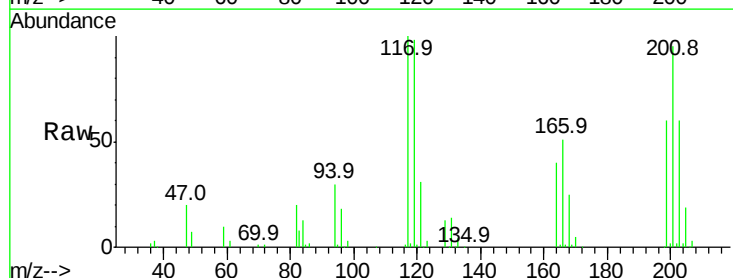
Tgt Ion:117 Resp: 115995

Ion Ratio Lower Upper

117 100

119 98.1 75.8 113.8

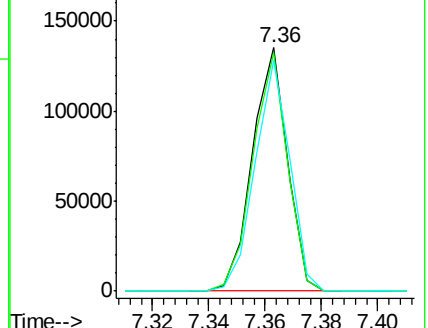
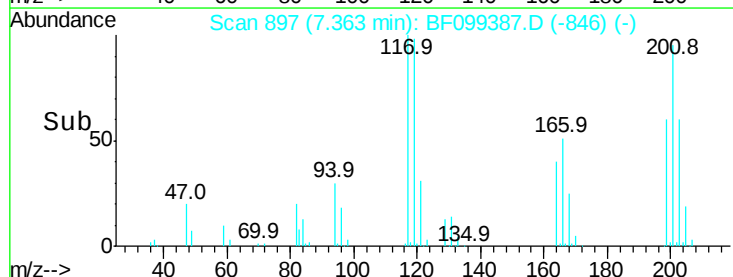
201 94.6 75.7 113.5

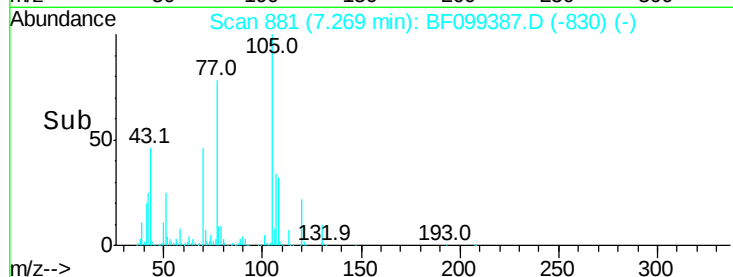
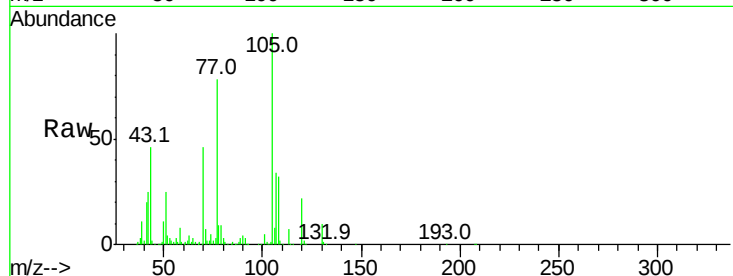
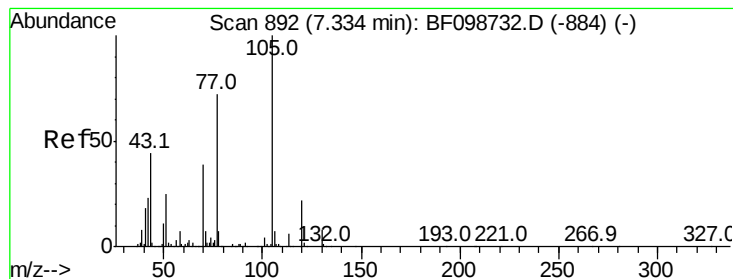


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.491 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 187460

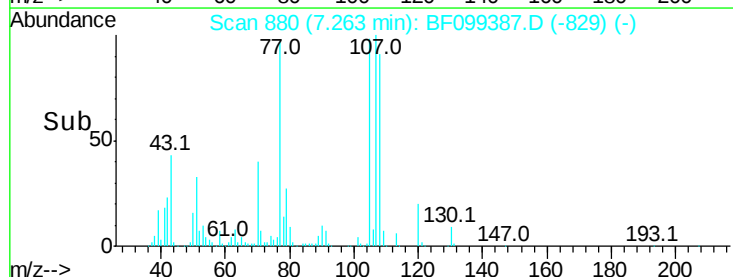
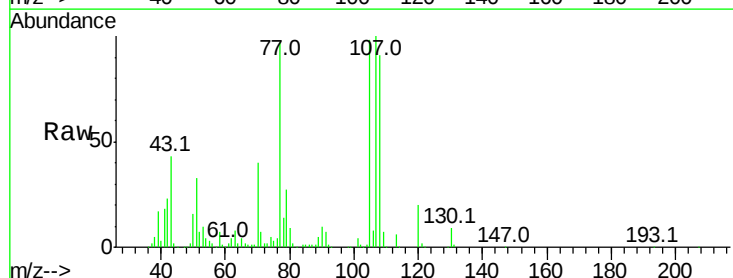
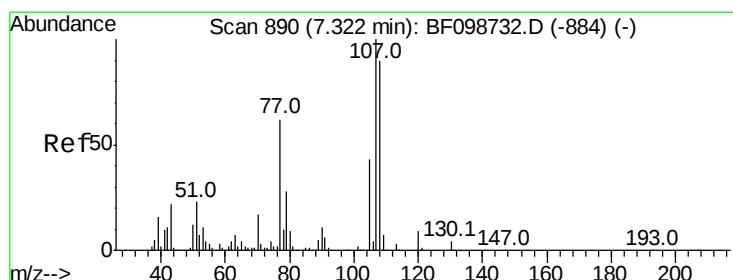
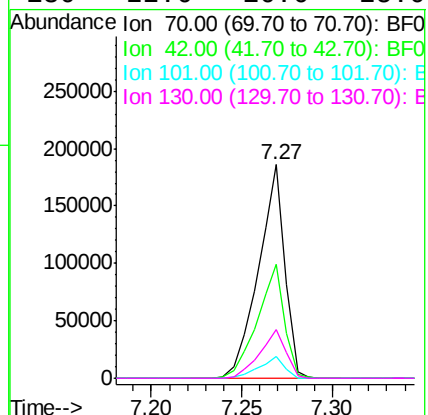
Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 10.0 7.4 11.2

130 22.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.263 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Tgt Ion:107 Resp: 300792

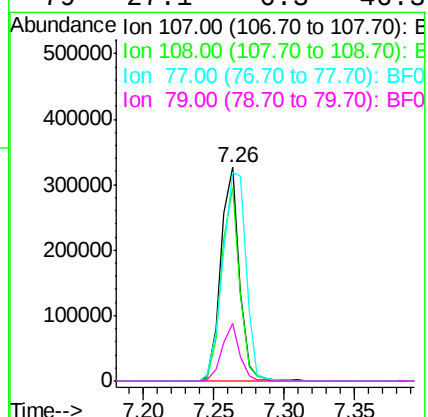
Ion Ratio Lower Upper

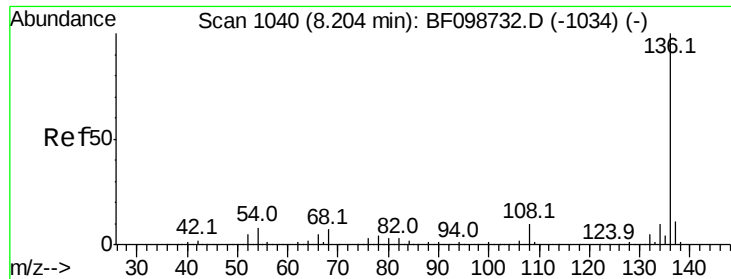
107 100

108 90.5 68.2 108.2

77 97.4 26.7 66.7#

79 27.1 6.3 46.3

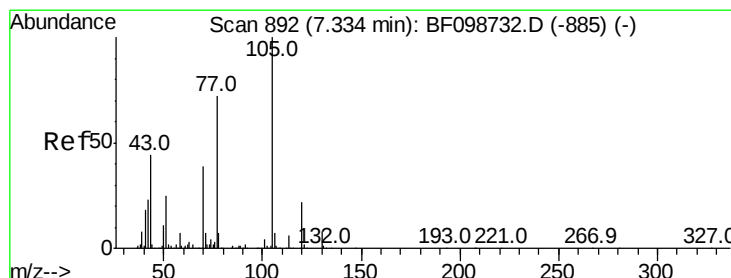
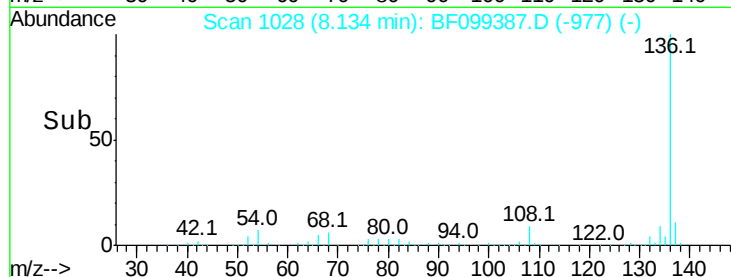
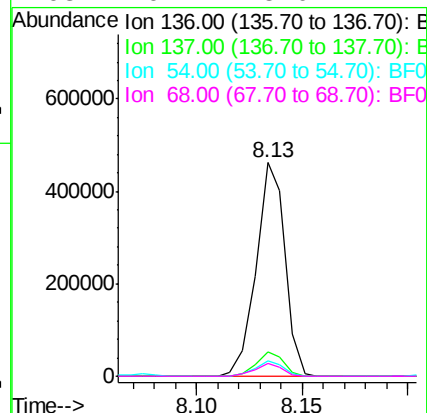
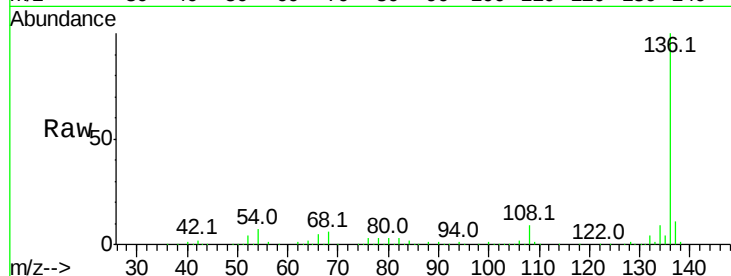




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

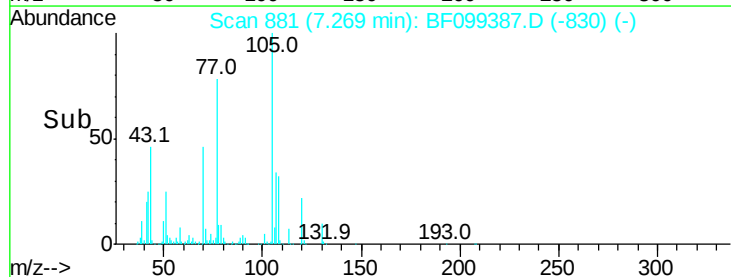
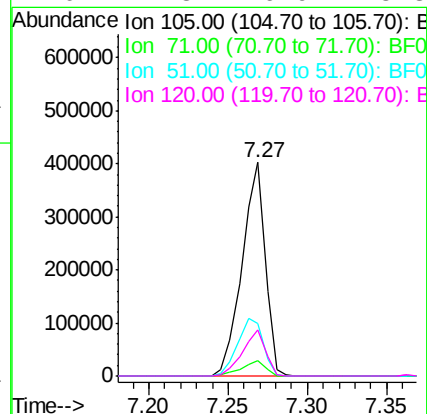
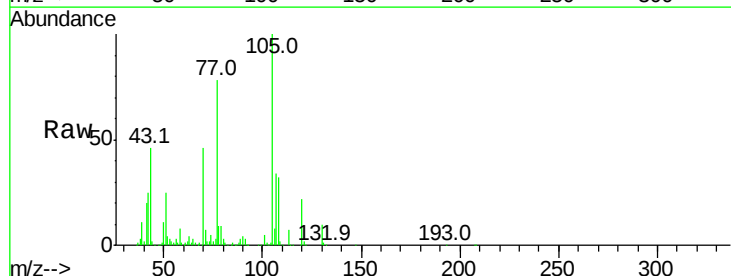
Instrument :
BNA_F
ClientSampleId :

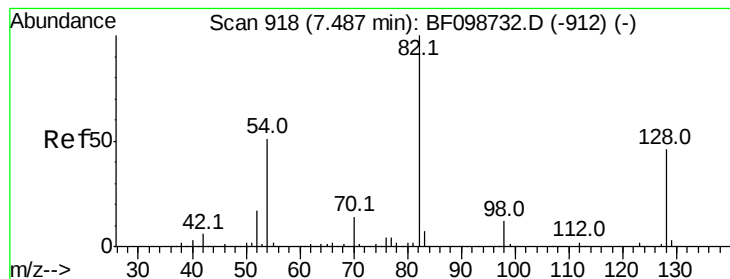
Tot Ion:	136	Resp:	439769
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 38.196 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:	105	Resp:	406972
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	24.5	22.3	33.5
120	21.8	16.9	25.3





#23

Nitrobenzene-d5

Concen: 81.254 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

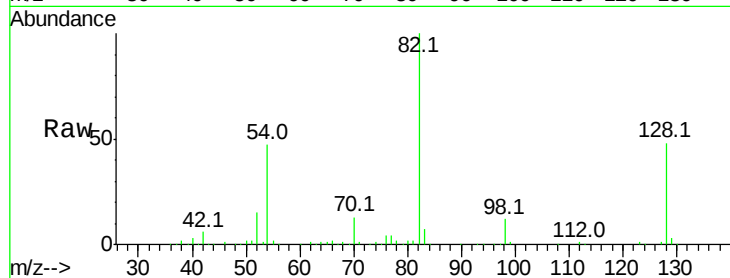
Tot Ion: 82 Resp: 557194

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

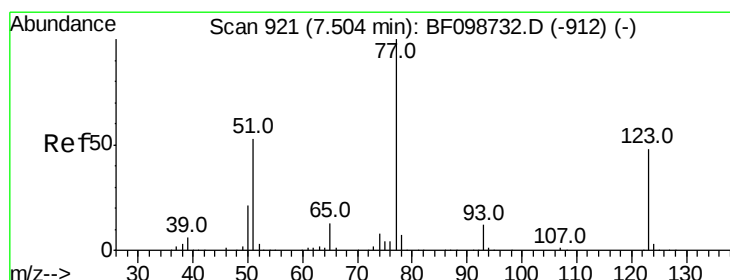
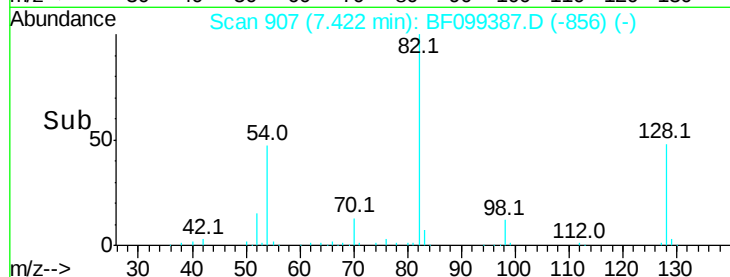
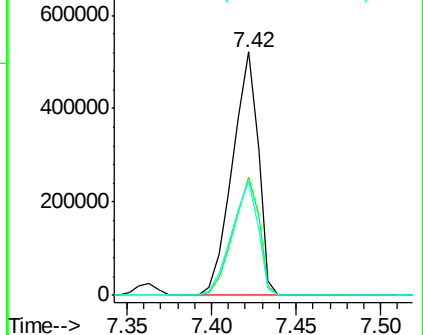
54 47.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.718 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

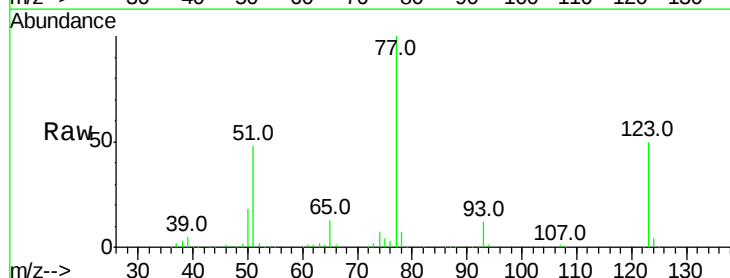
Tgt Ion: 77 Resp: 308962

Ion Ratio Lower Upper

77 100

123 50.5 37.9 56.9

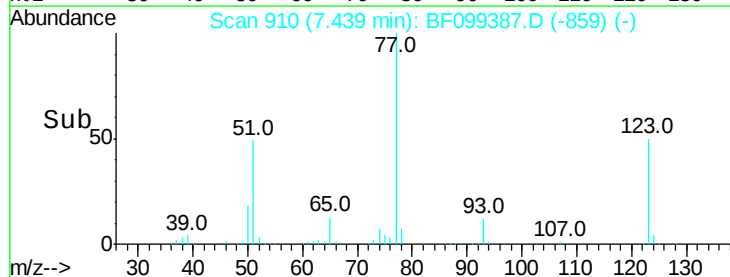
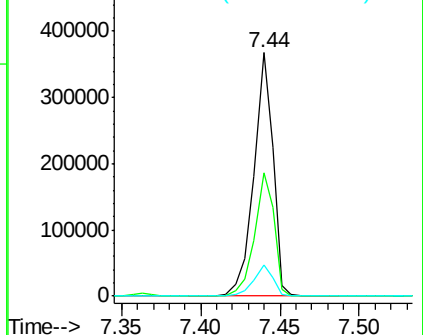
65 12.7 11.0 16.4

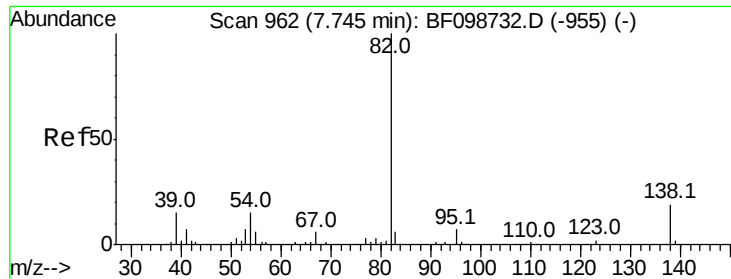


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.197 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :
BNA_F
ClientSampleId :

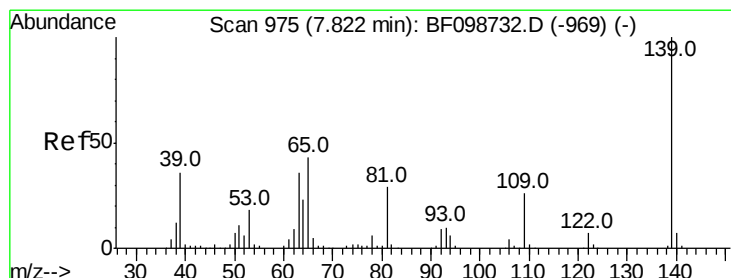
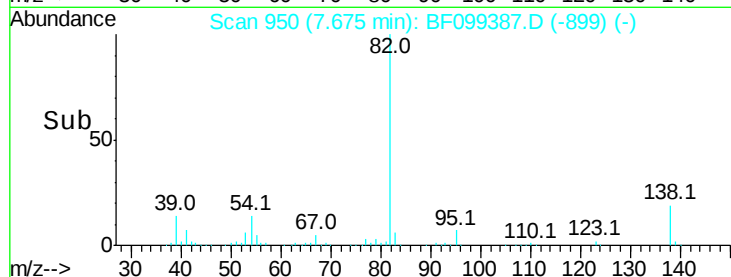
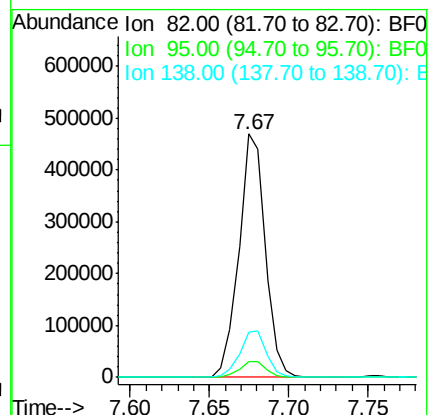
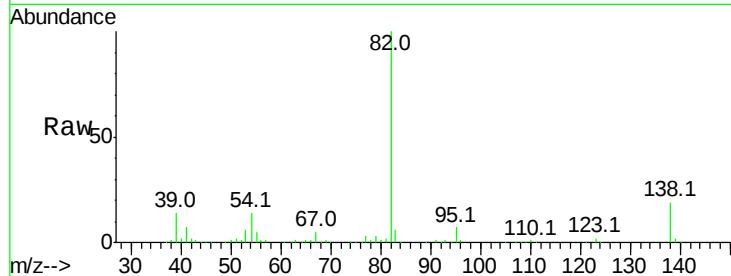
Tot Ion: 82 Resp: 541553

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 46.984 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

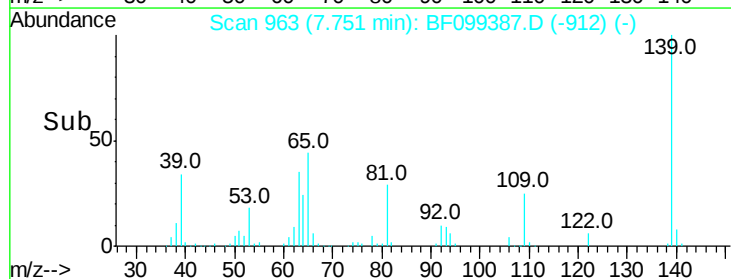
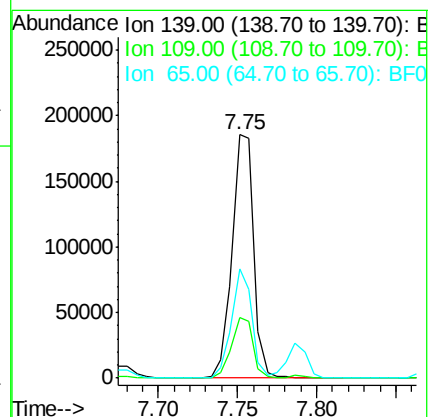
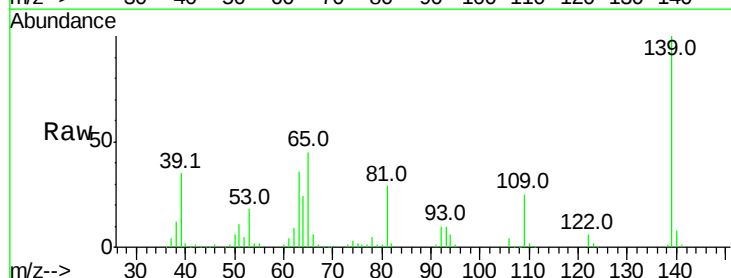
Tgt Ion: 139 Resp: 175753

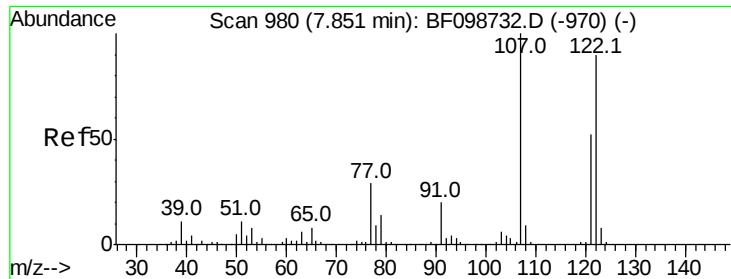
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 44.9 40.5 60.7

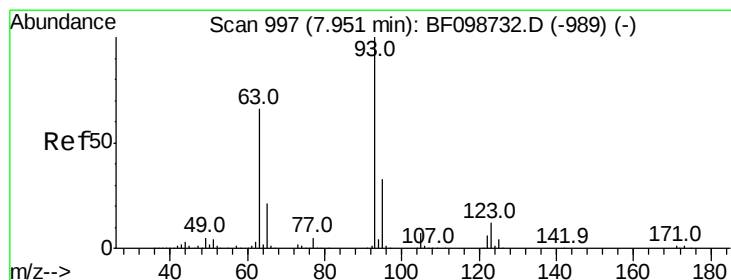
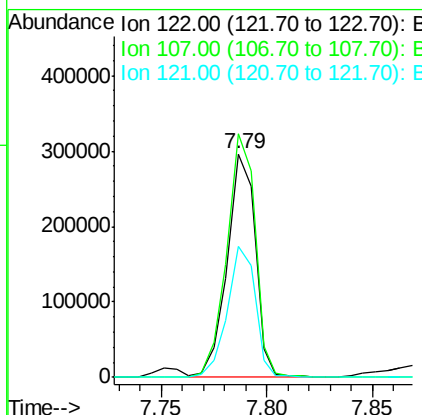
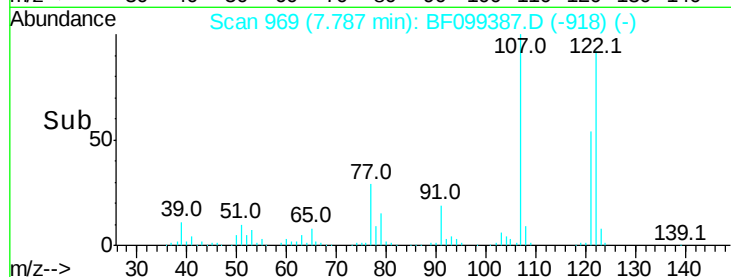
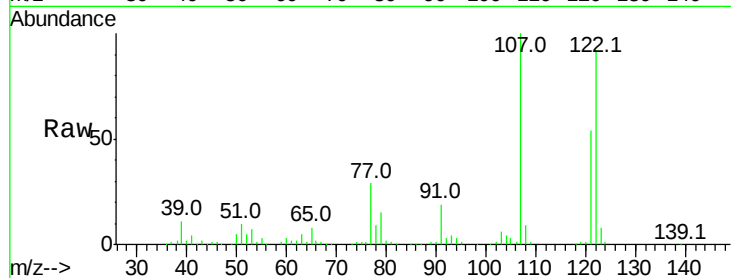




#27
 2,4-Dimethylphenol
 Concen: 38.561 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

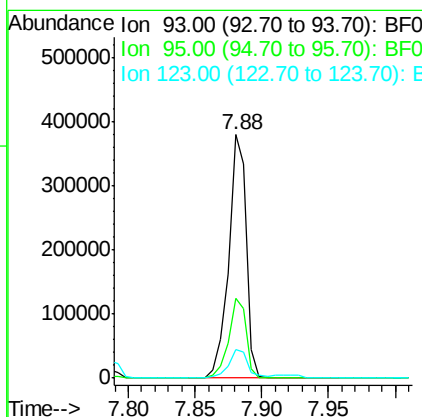
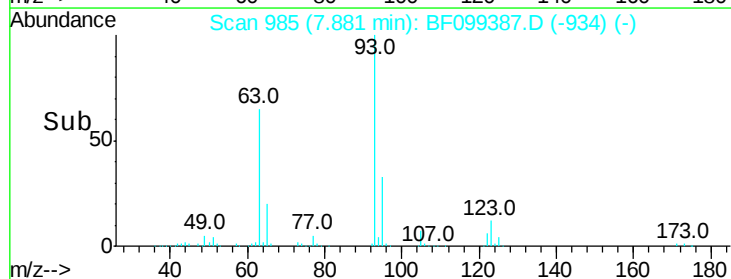
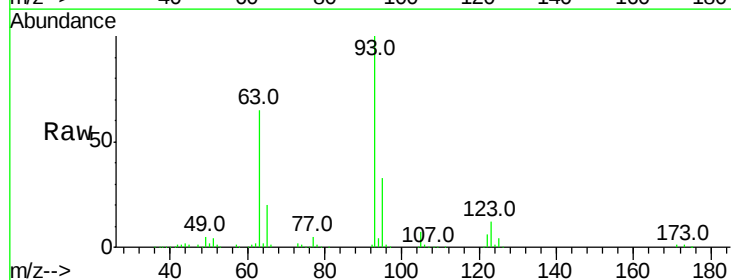
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 272406
 Ion Ratio Lower Upper
 122 100
 107 109.1 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.998 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion: 93 Resp: 353399
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.6 9.8 14.6

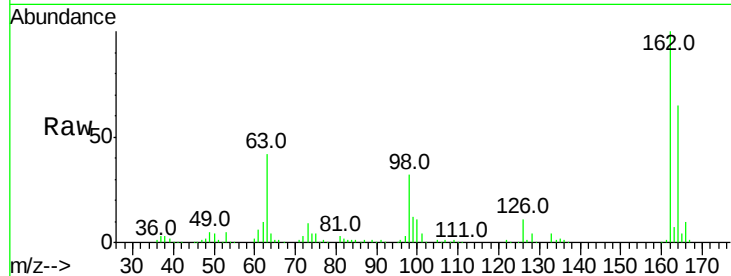




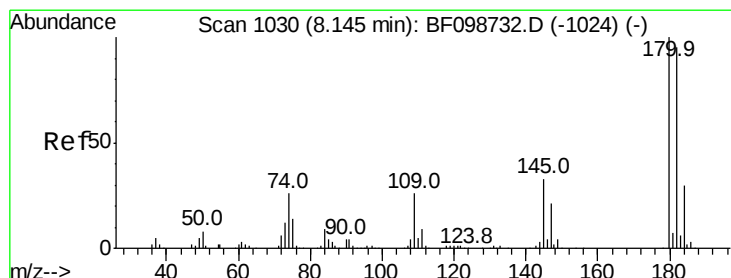
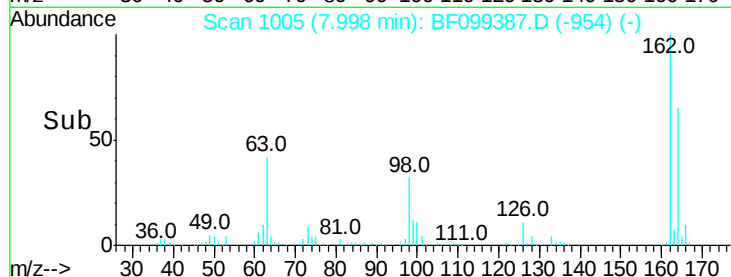
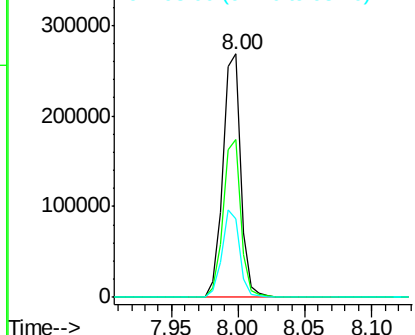
#29
 2,4-Dichlorophenol
 Concen: 42.473 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	32.4	18.1	58.1

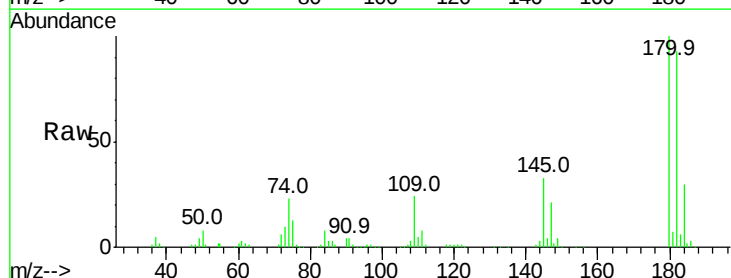


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

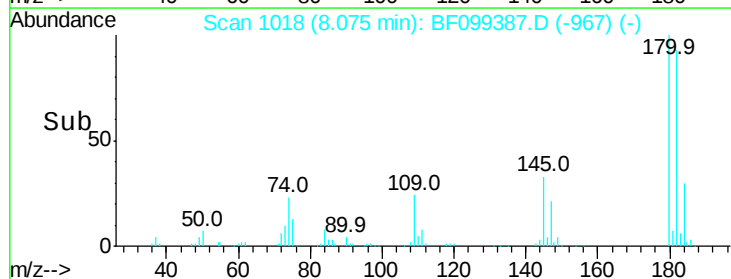
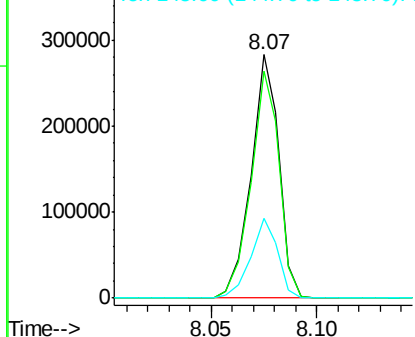


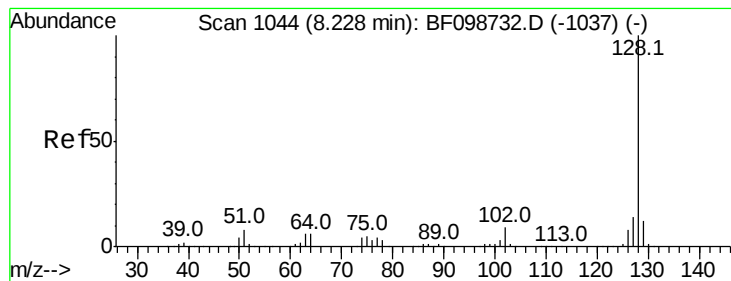
#30
 1,2,4-Trichlorobenzene
 Concen: 42.807 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	32.8	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: 41.562 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

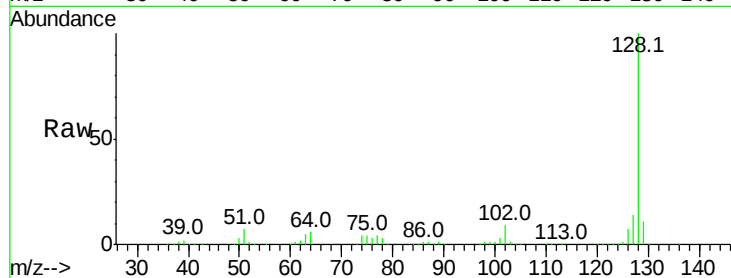
Tot Ion:128 Resp: 858435

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

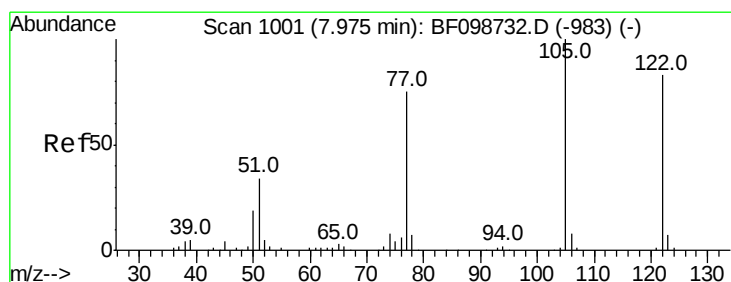
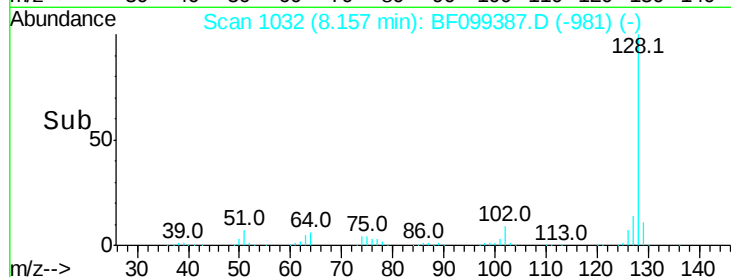
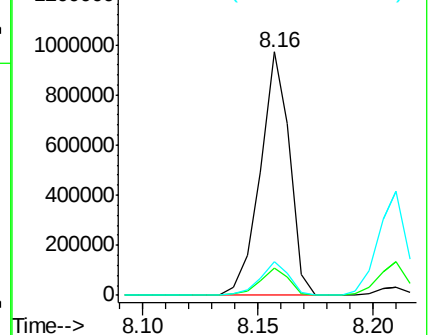
127 13.6 10.9 16.3



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: 32.131 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

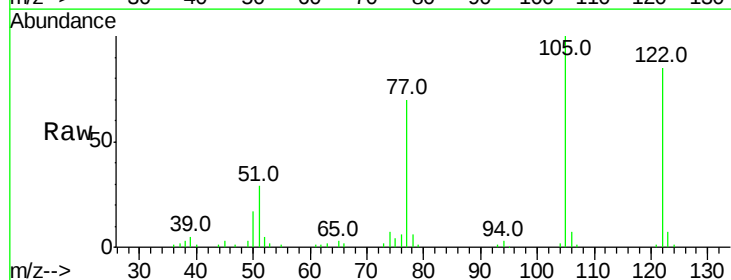
Tgt Ion:122 Resp: 186451

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

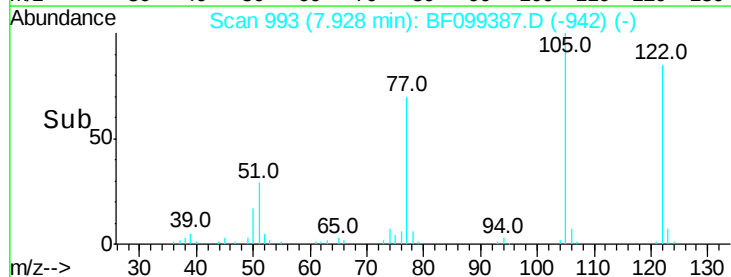
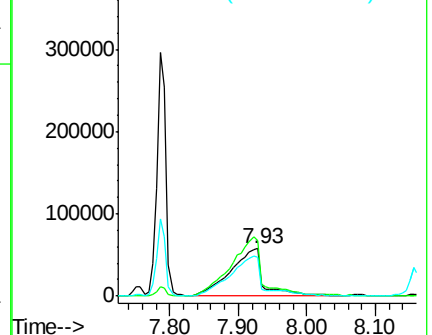
77 82.0 70.7 110.7



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

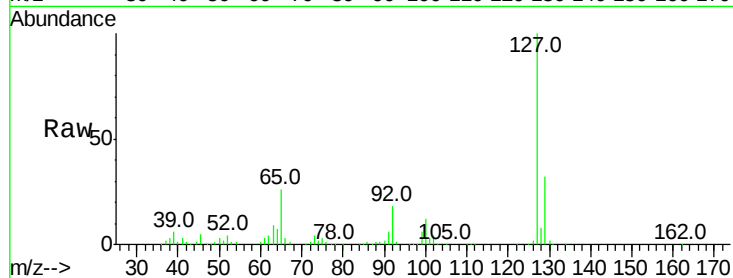




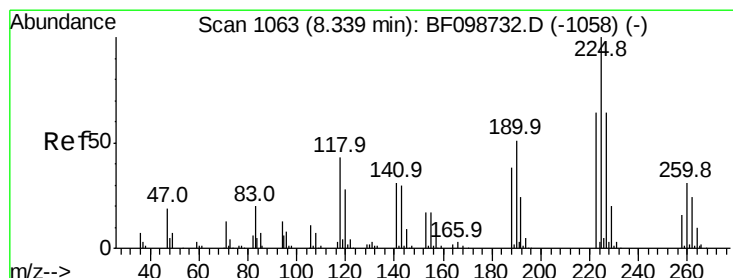
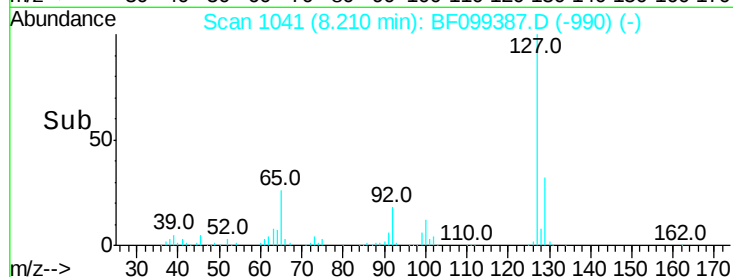
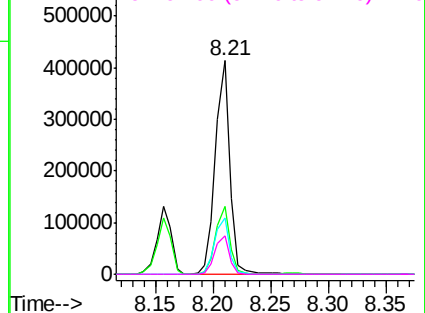
#33
4-Chloroaniline
Concen: 41.832 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	360806
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.1	25.0	37.4
92	18.3	15.2	22.8

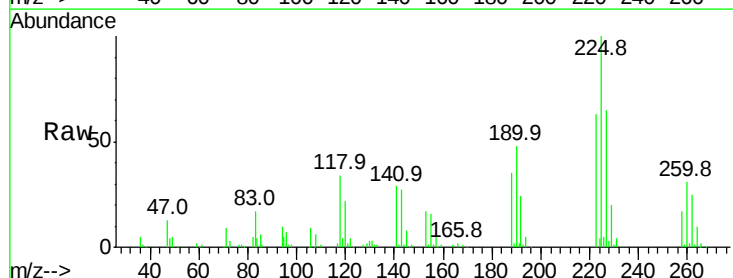


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

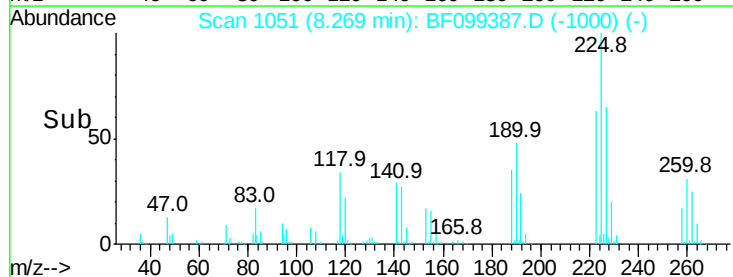
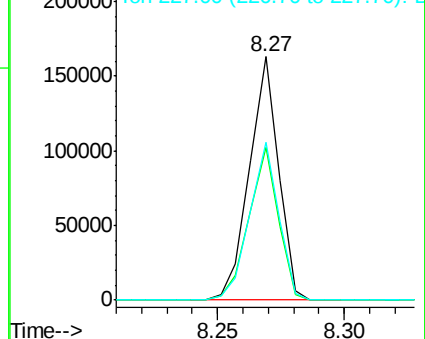


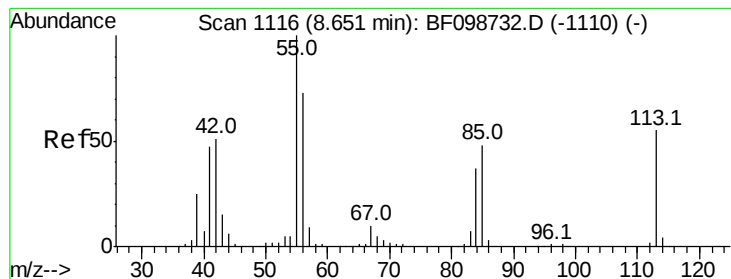
#34
Hexachlorobutadiene
Concen: 41.929 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:	225	Resp:	131010
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.7	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: 39.956 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

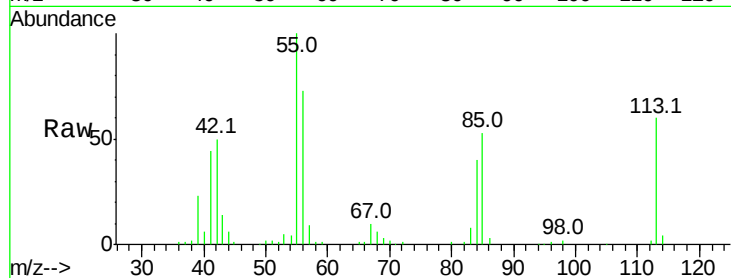
Tot Ion:113 Resp: 77738

Ion Ratio Lower Upper

113 100

55 167.8 163.3 203.3

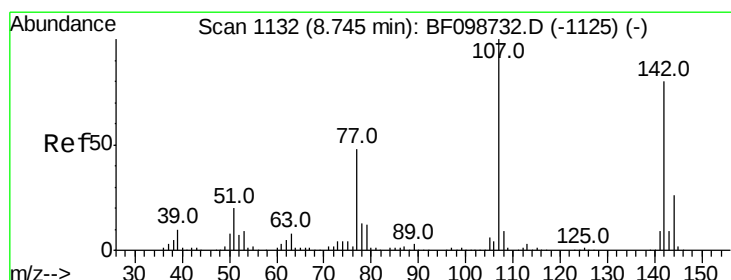
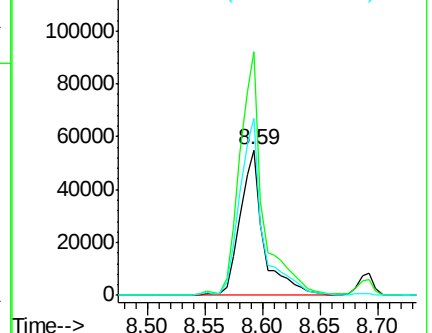
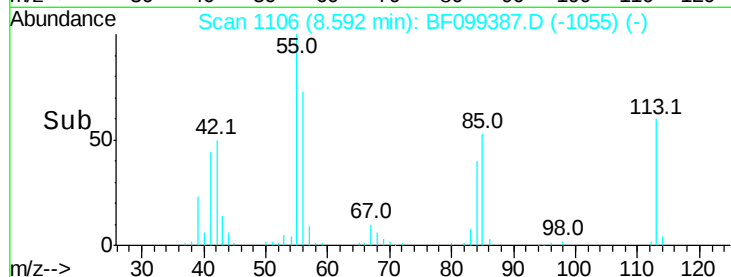
56 121.9 115.7 155.7



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: 40.065 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

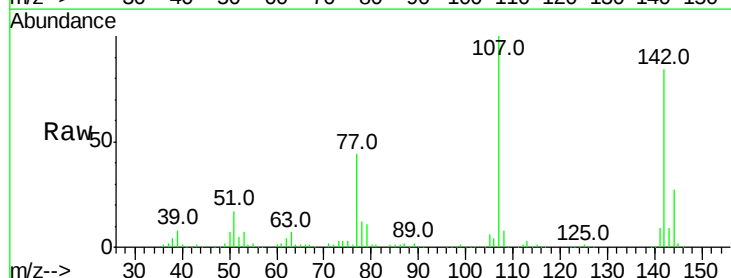
Tgt Ion:107 Resp: 273138

Ion Ratio Lower Upper

107 100

144 27.5 20.5 30.7

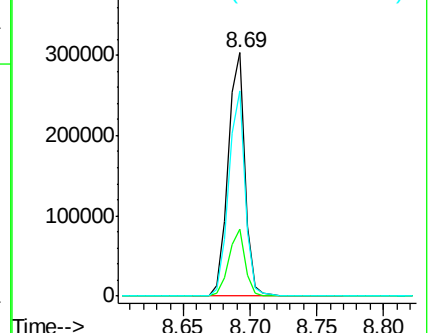
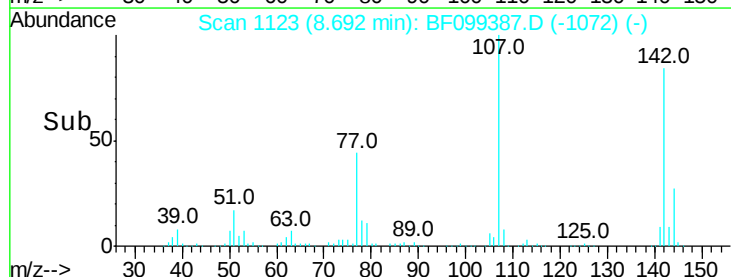
142 84.5 62.0 93.0

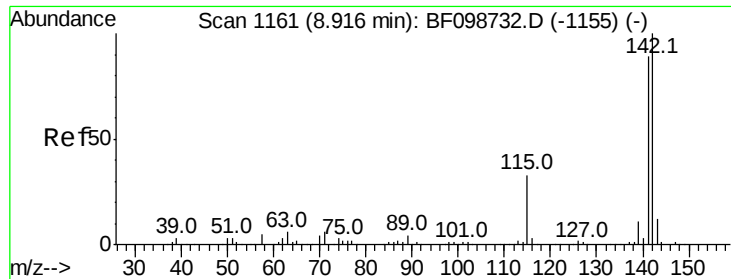


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

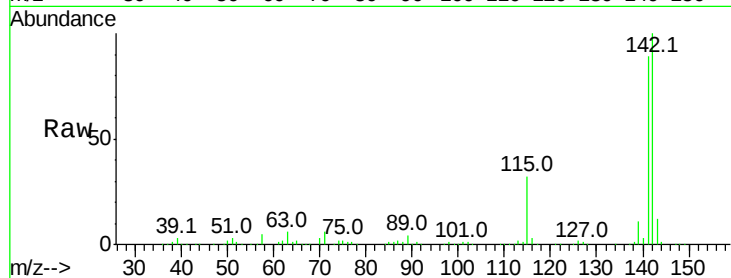




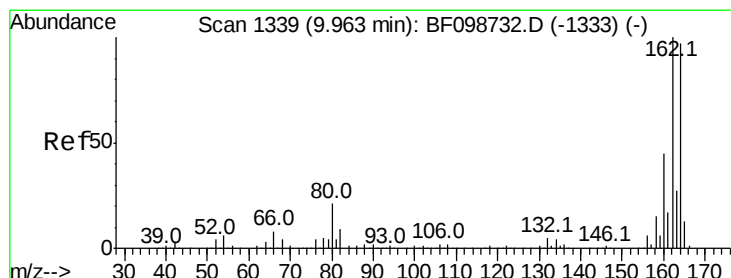
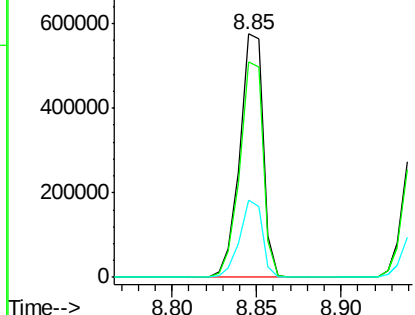
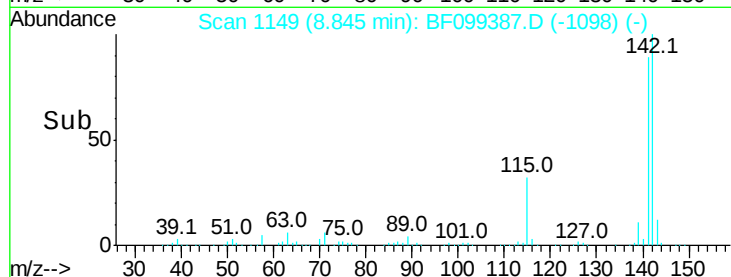
#37
 2-Methylnaphthalene
 Concen: 41.406 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.5	26.1	39.1

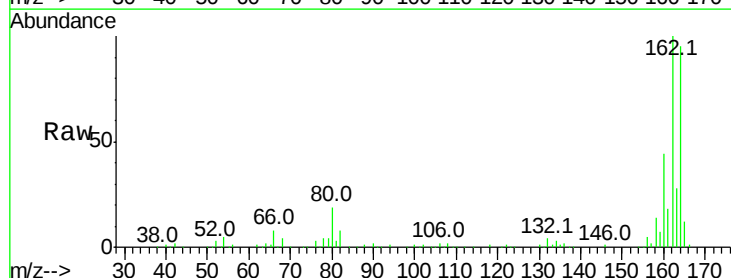


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

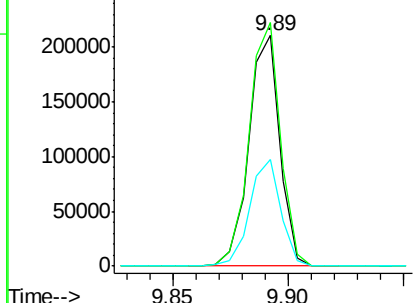
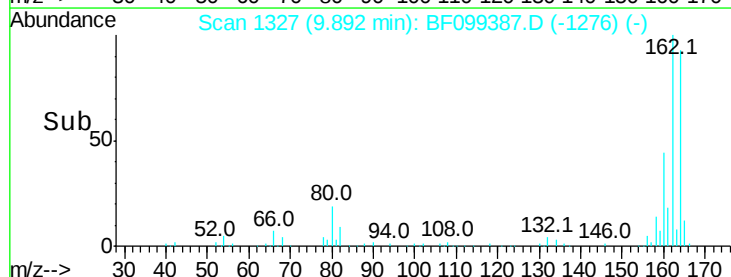


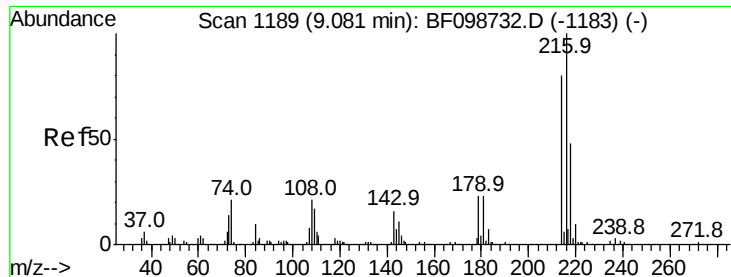
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.0	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: 43.481 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 255592

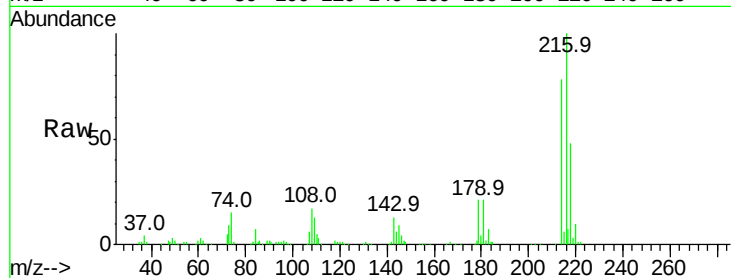
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.1 18.1 27.1

108 19.4 17.2 25.8

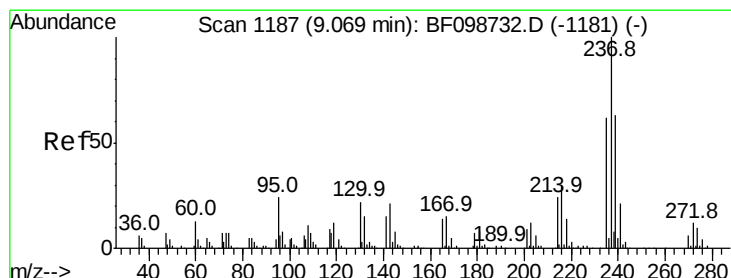
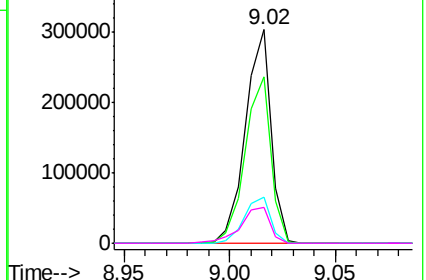
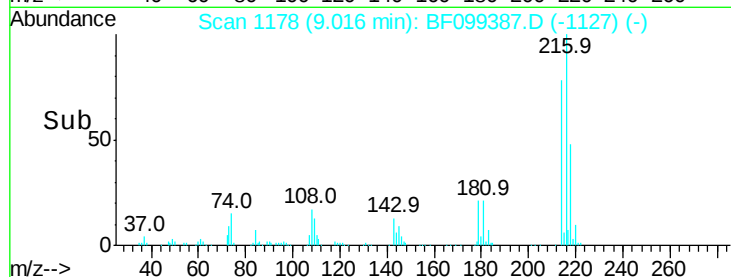


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.117 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

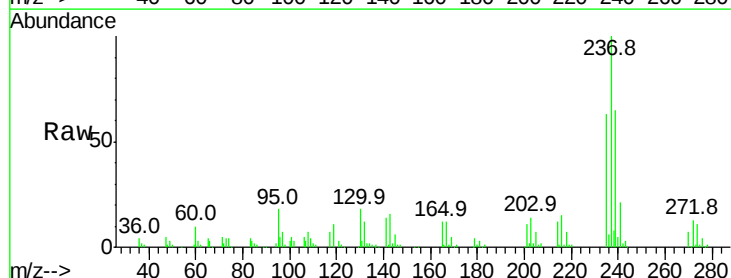
Tgt Ion:237 Resp: 94336

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

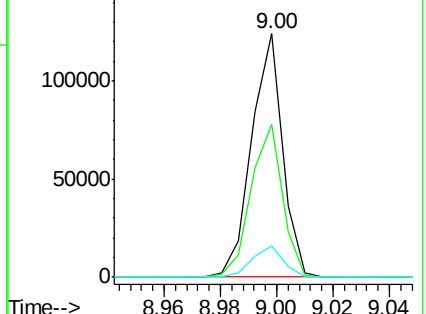
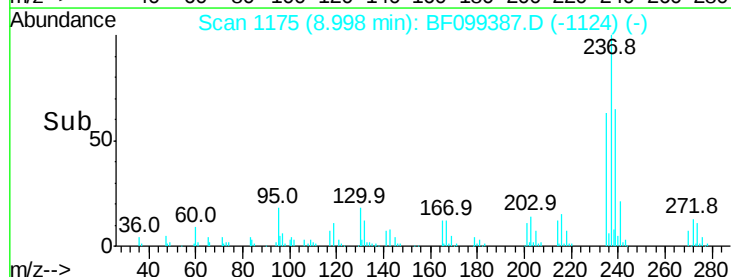
272 12.6 0.0 33.3



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

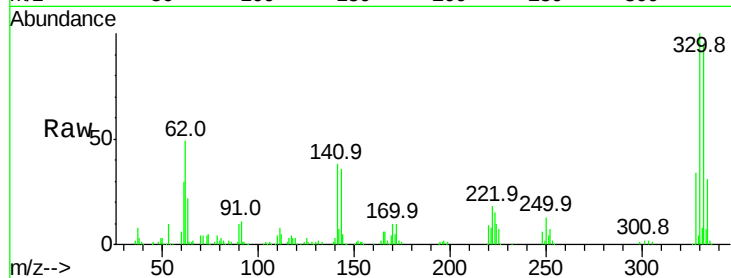




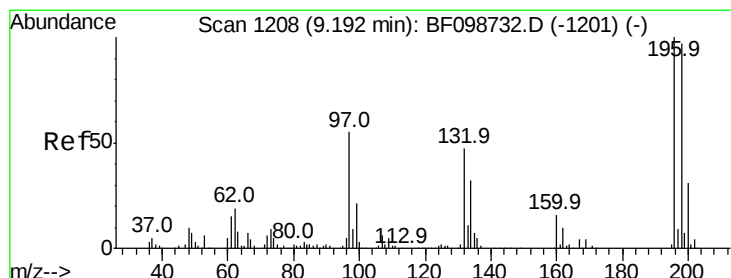
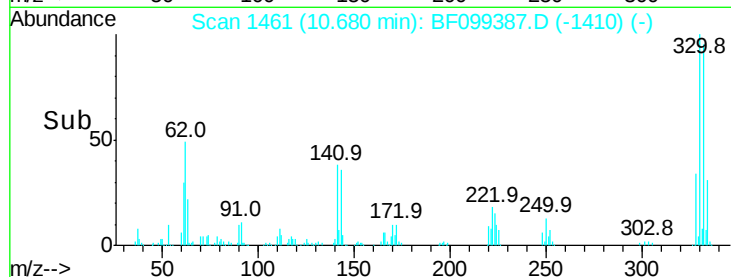
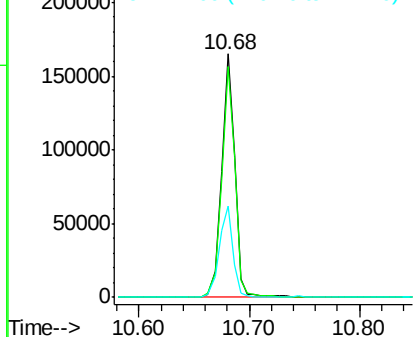
#41
 2,4,6-Tribromophenol
 Concen: 86.290 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.4	29.9	44.9

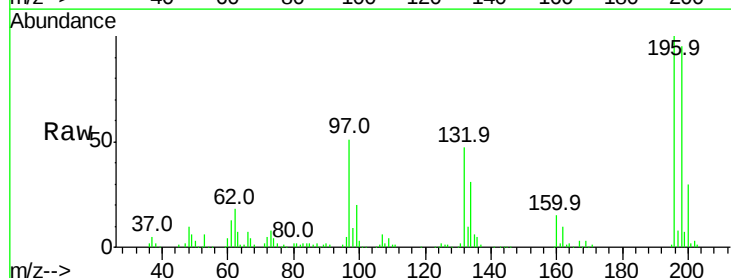


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

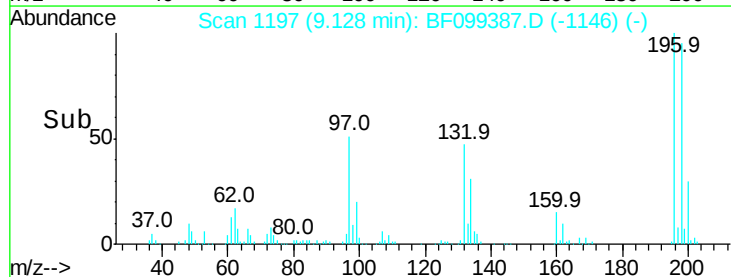
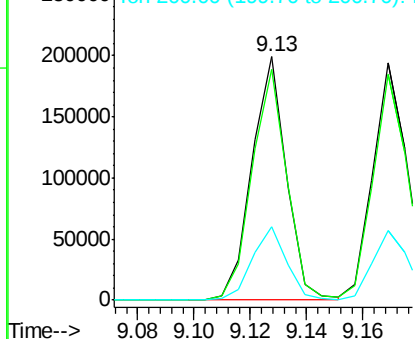


#42
 2,4,6-Trichlorophenol
 Concen: 40.522 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.4	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

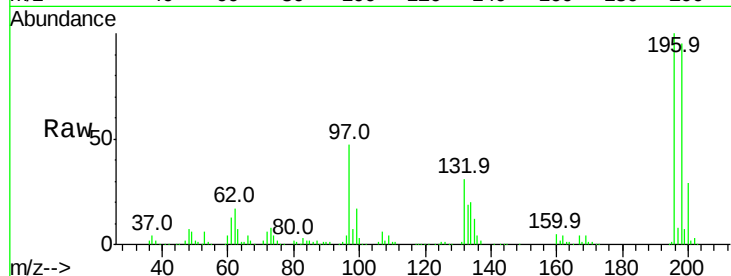




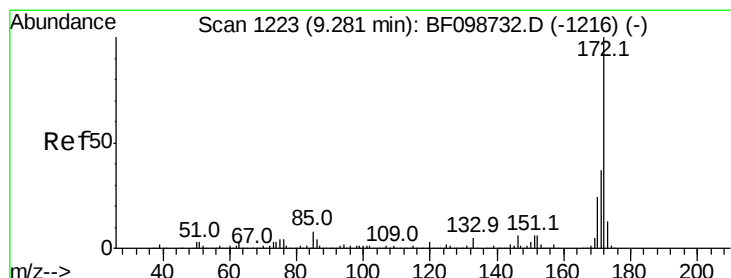
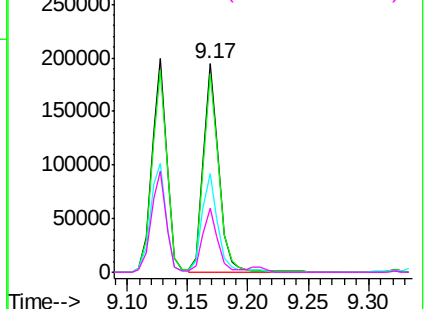
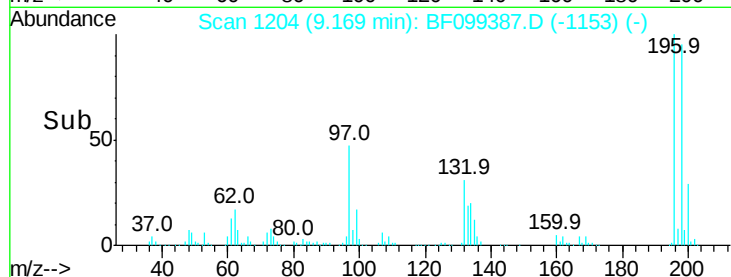
#43
 2,4,5-Trichlorophenol
 Concen: 41.853 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	173988
Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	47.2	42.9	64.3
132	30.6	26.3	39.5

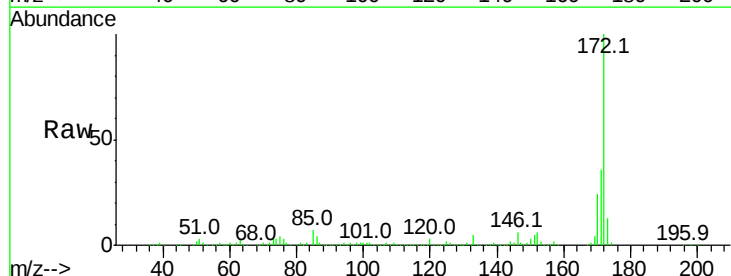


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

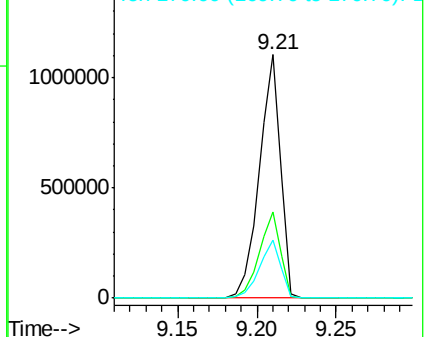
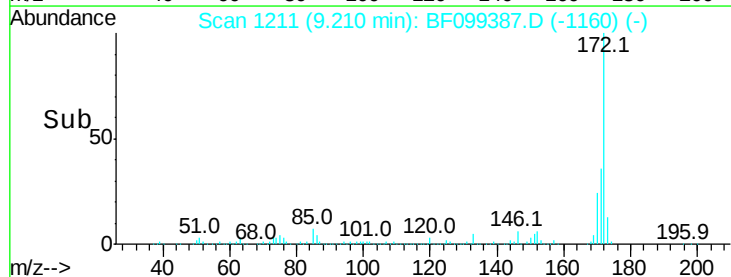


#44
 2-Fluorobiphenyl
 Concen: 87.157 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:	172	Resp:	1029061
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	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

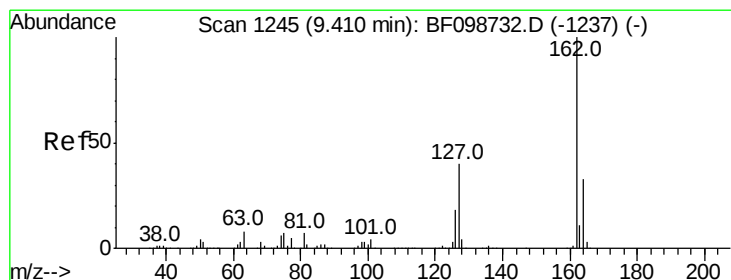
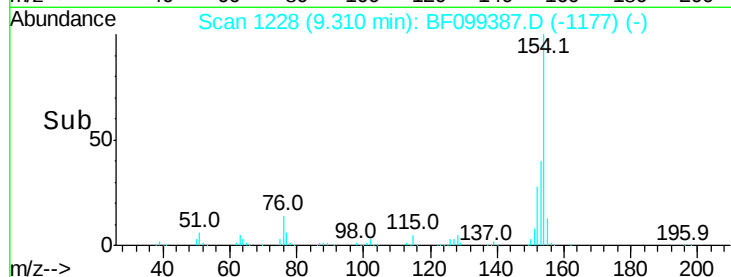
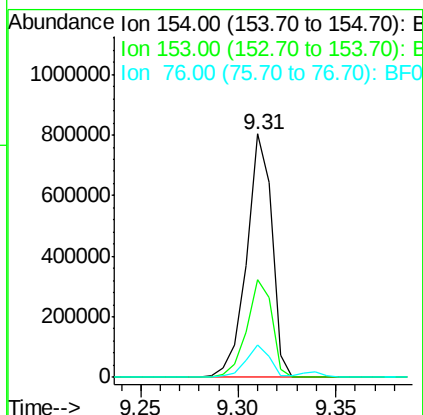
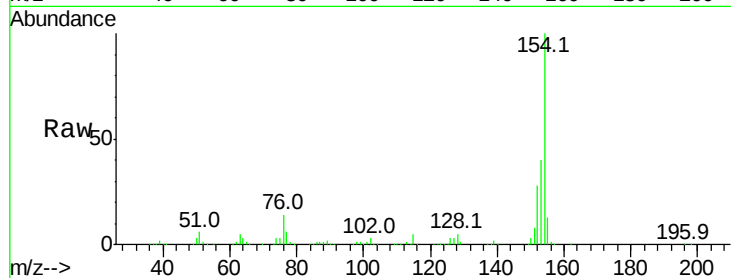




#45
 1,1'-Biphenyl
 Concen: 42.323 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

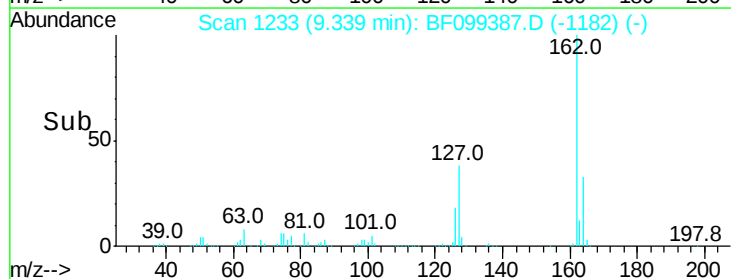
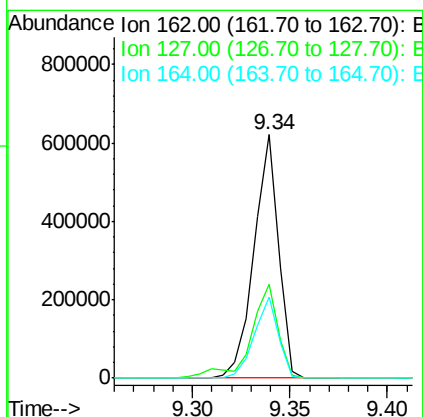
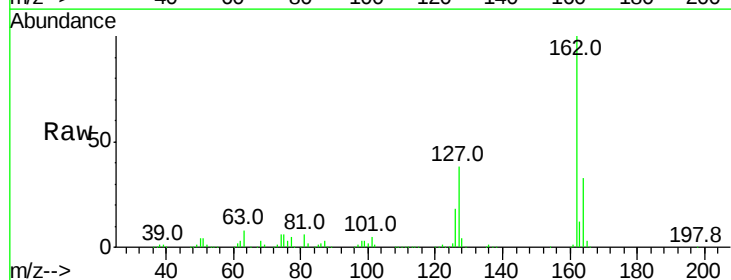
Instrument :
 BNA_F
 ClientSampleId :

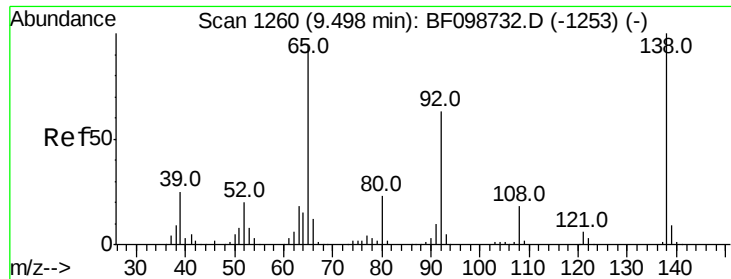
Tot Ion:154 Resp: 716958
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.3 61.3
 76 13.5 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 42.405 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:162 Resp: 539346
 Ion Ratio Lower Upper
 162 100
 127 38.5 33.9 50.9
 164 33.1 26.5 39.7

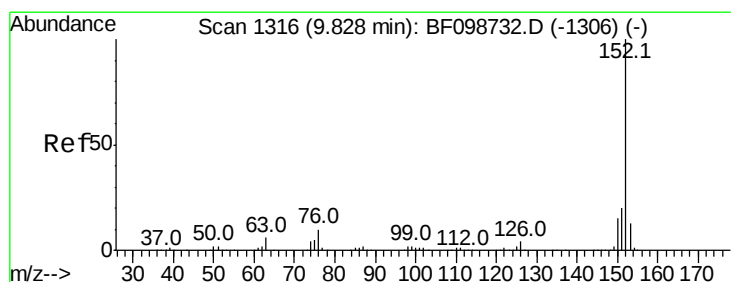
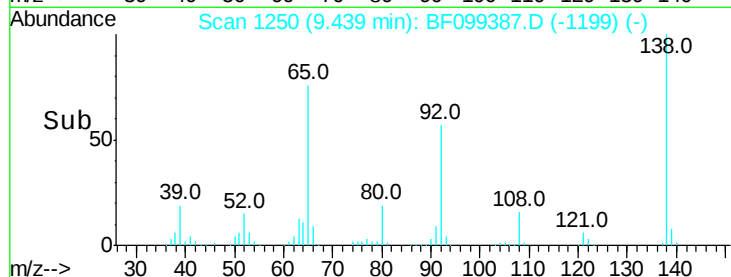
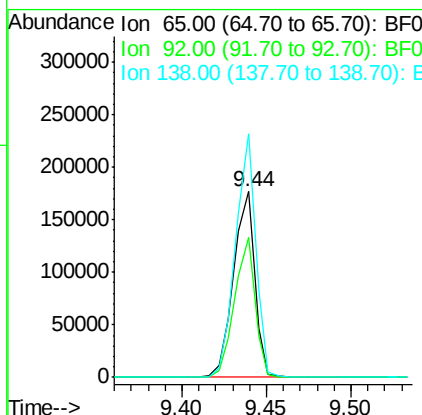
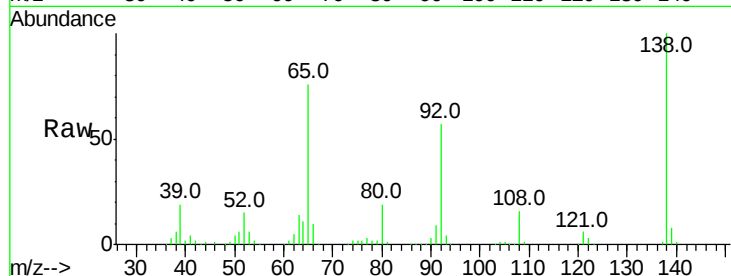




#47
2-Nitroaniline
Concen: 39.475 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

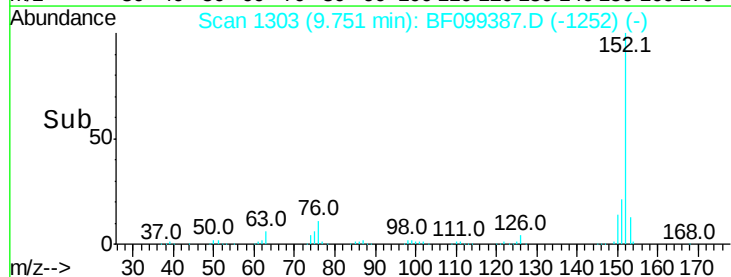
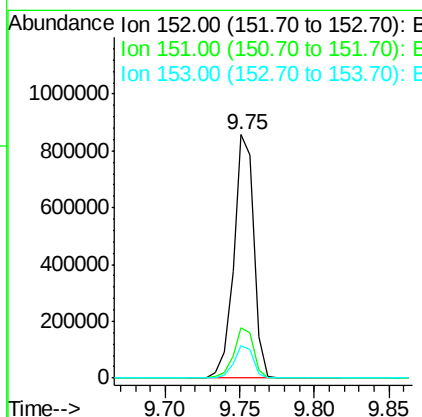
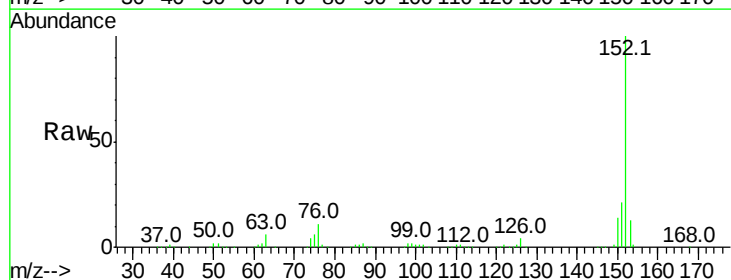
Instrument :
BNA_F
ClientSampleId :

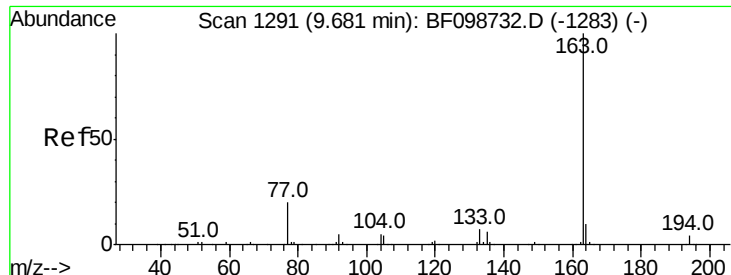
Tot Ion: 65 Resp: 153737
Ion Ratio Lower Upper
65 100
92 75.0 55.8 83.6
138 131.0 91.2 136.8



#48
Acenaphthylene
Concen: 41.495 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion: 152 Resp: 807927
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 10.7 16.1

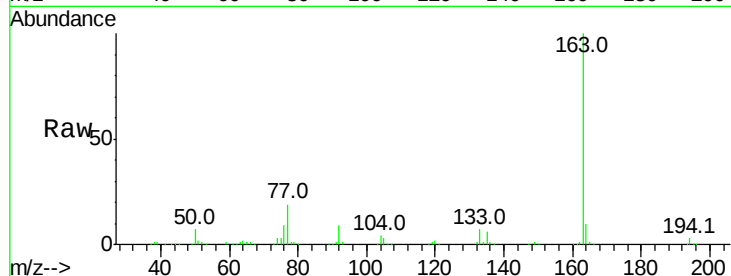




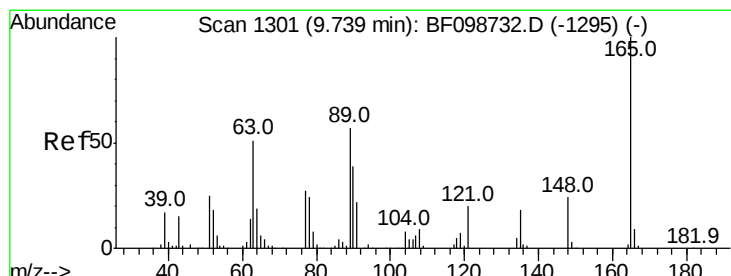
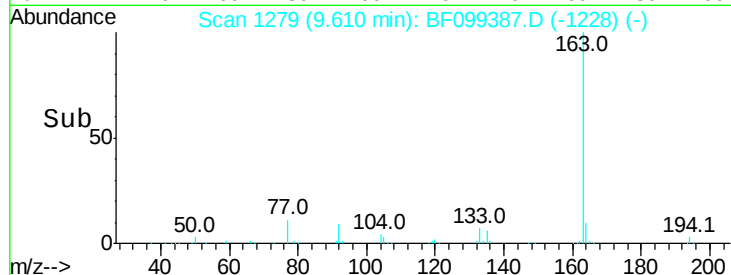
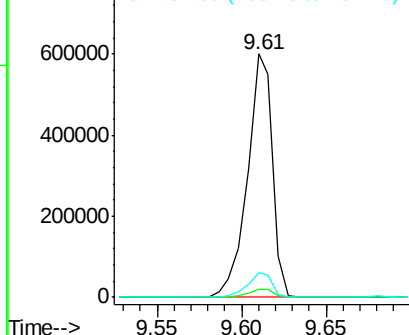
#49
 Dimethylphthalate
 Concen: 41.571 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 618437
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.3 8.2 12.2

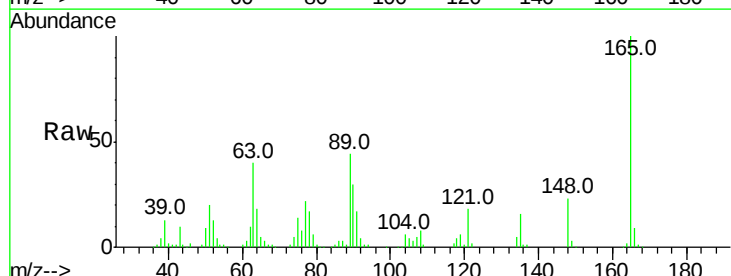


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

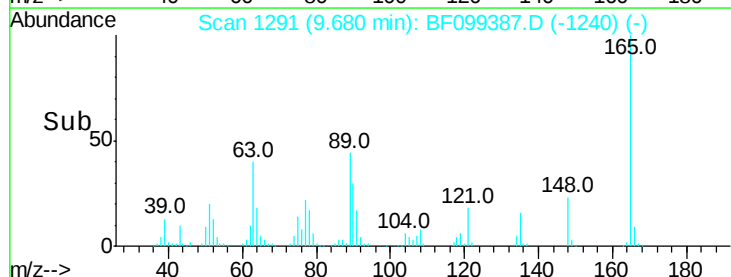
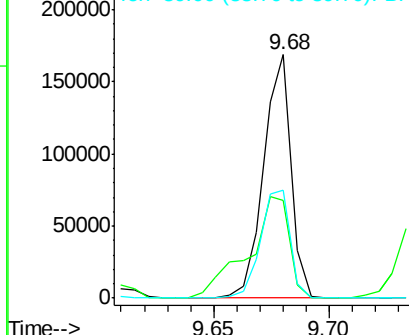


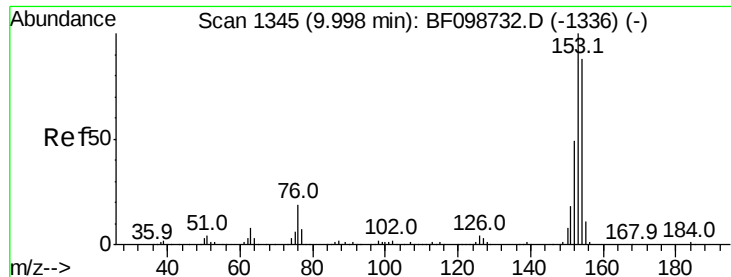
#50
 2,6-Dinitrotoluene
 Concen: 43.166 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:165 Resp: 139804
 Ion Ratio Lower Upper
 165 100
 63 40.2 44.7 67.1#
 89 44.2 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: 38.683 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

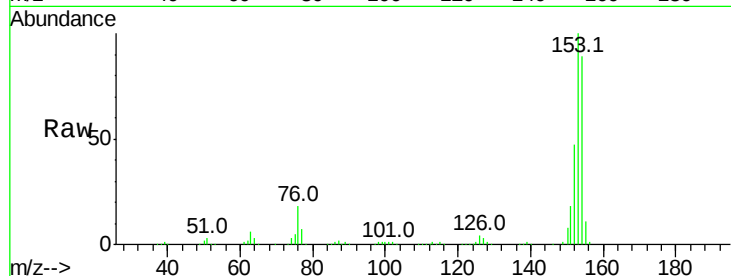
Tot Ion:154 Resp: 477101

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

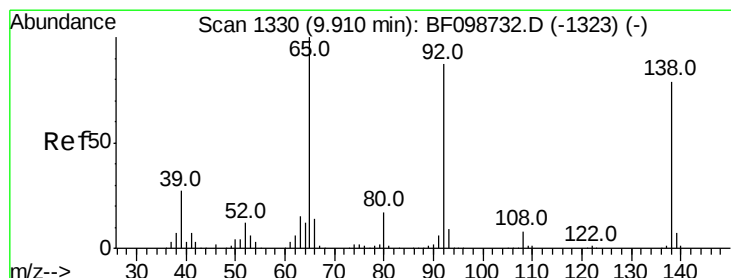
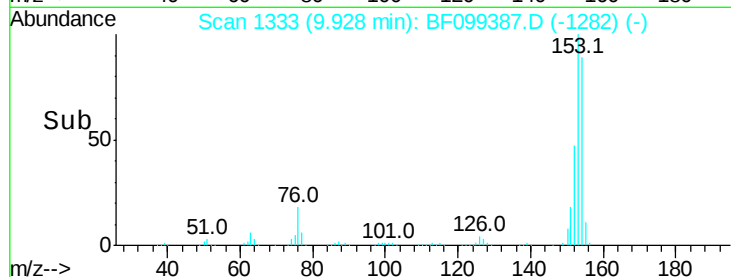
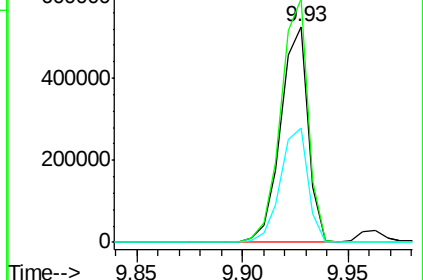
152 53.1 43.8 65.8



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: 43.151 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

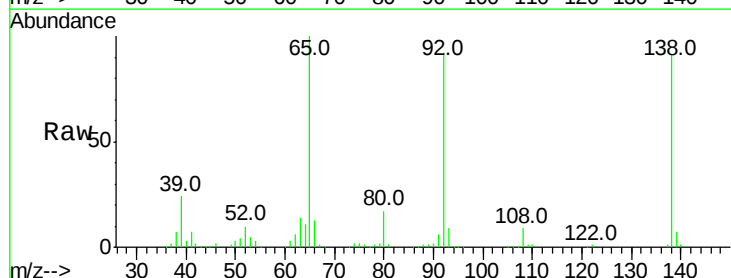
Tgt Ion:138 Resp: 162955

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

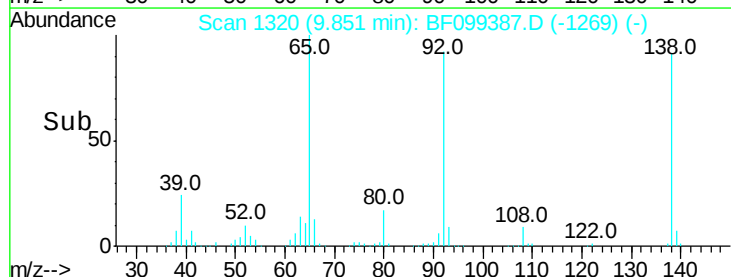
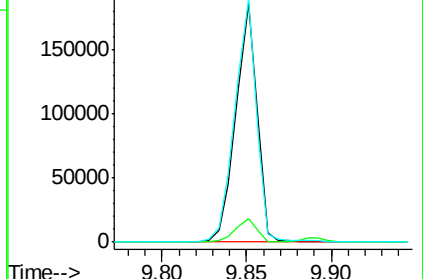
92 102.1 89.4 134.2



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

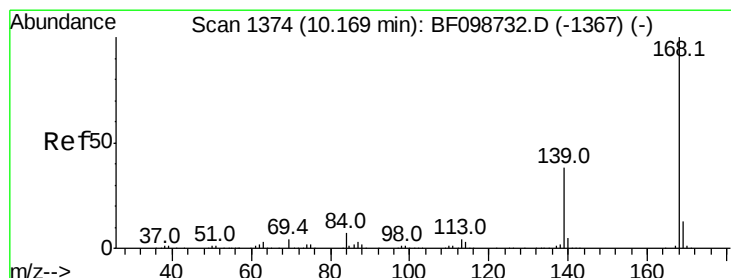
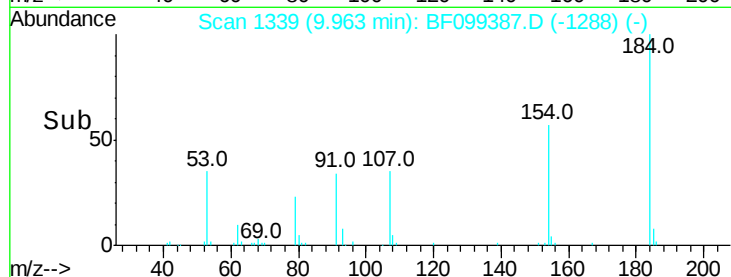
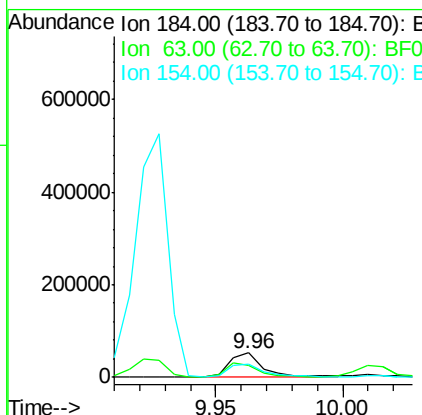
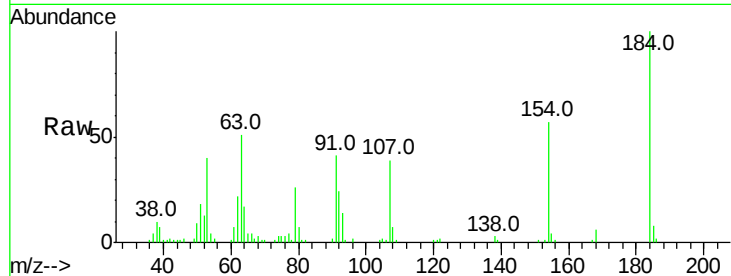




#53
2,4-Dinitrophenol
Concen: 33.095 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

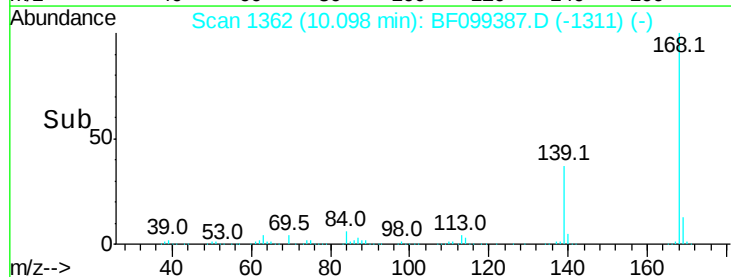
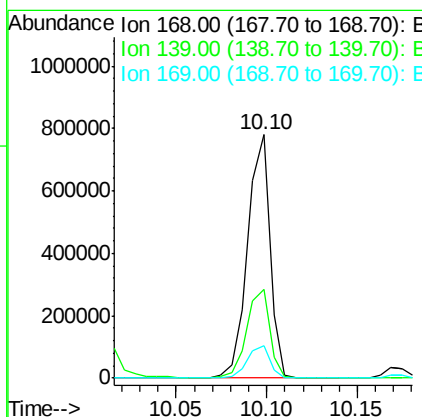
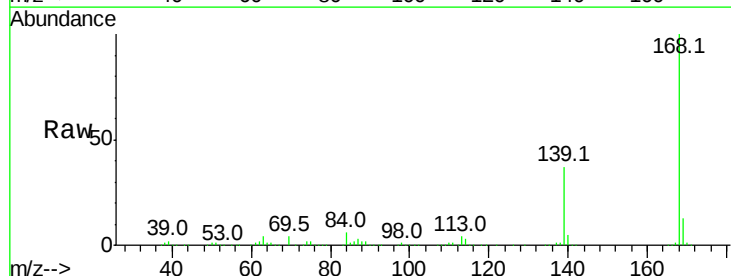
Instrument :
BNA_F
ClientSampleId :

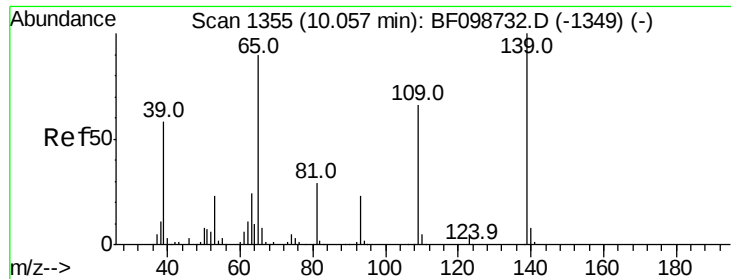
Tot Ion:184 Resp: 49589
Ion Ratio Lower Upper
184 100
63 51.2 54.2 81.2#
154 57.0 53.5 80.3



#54
Dibenzofuran
Concen: 40.774 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:168 Resp: 669583
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.1 10.9 16.3

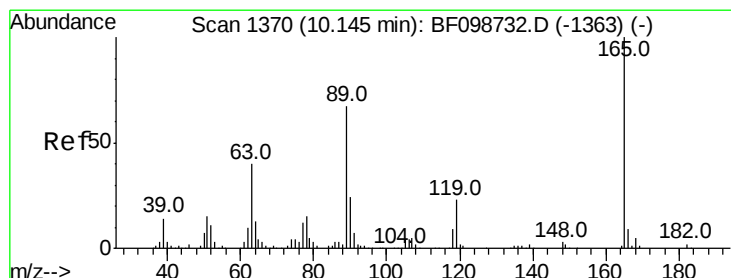
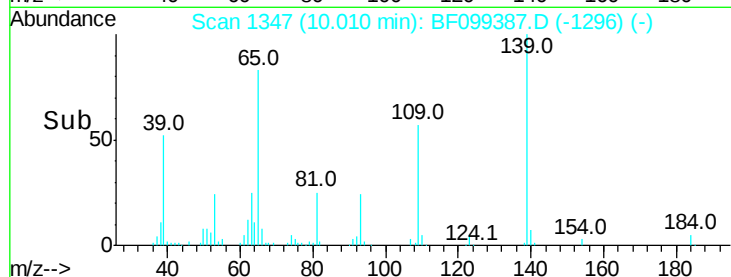
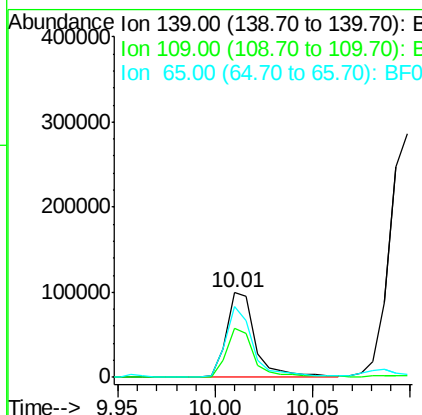
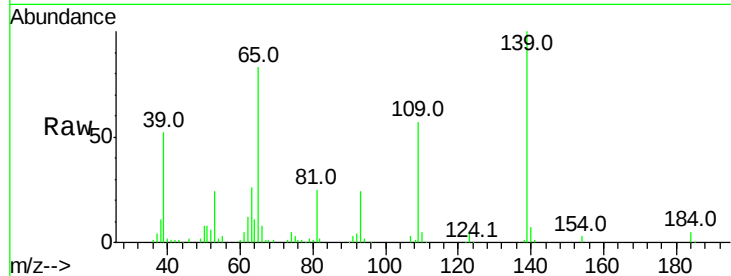




#55
4-Nitrophenol
Concen: 32.429 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

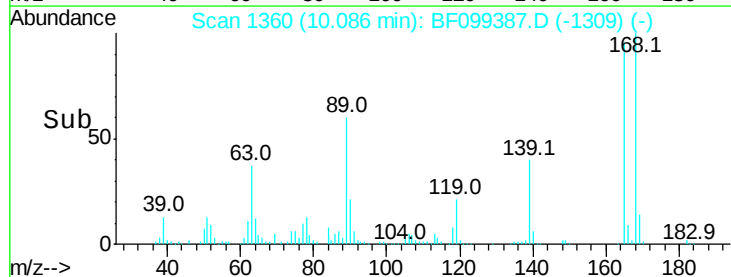
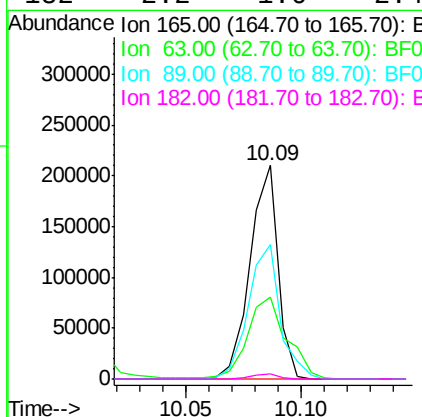
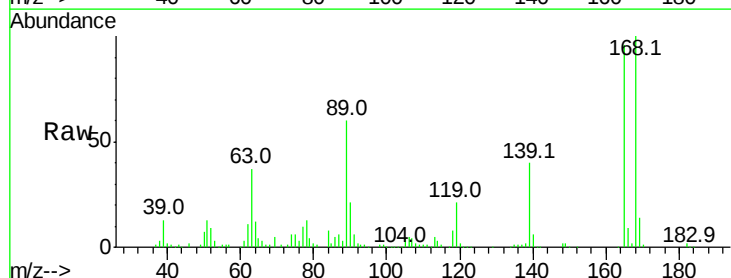
Instrument :
BNA_F
ClientSampleId :

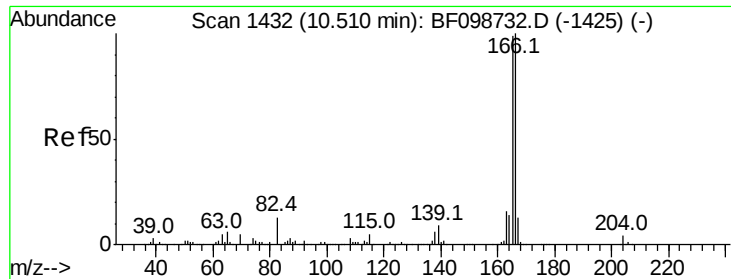
Tot Ion:139 Resp: 103550
Ion Ratio Lower Upper
139 100
109 57.3 48.4 88.4
65 83.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.579 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:165 Resp: 178970
Ion Ratio Lower Upper
165 100
63 38.2 36.4 54.6
89 62.8 57.8 86.6
182 2.2 1.6 2.4

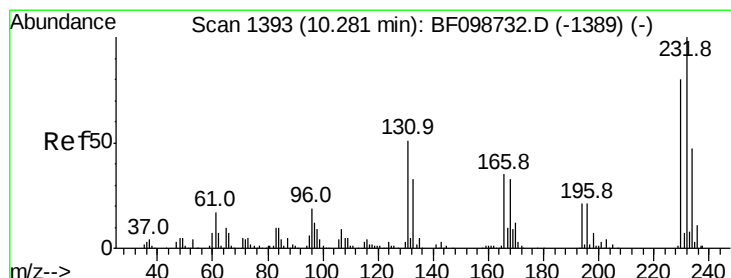
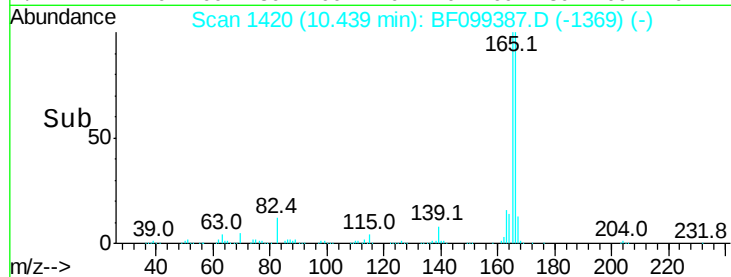
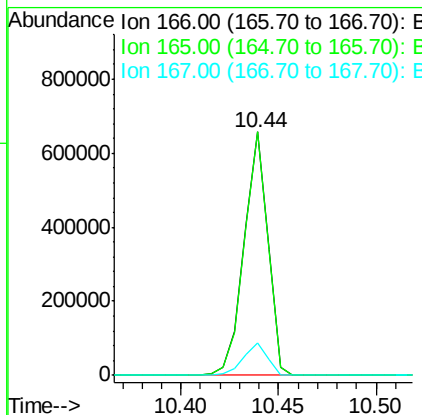
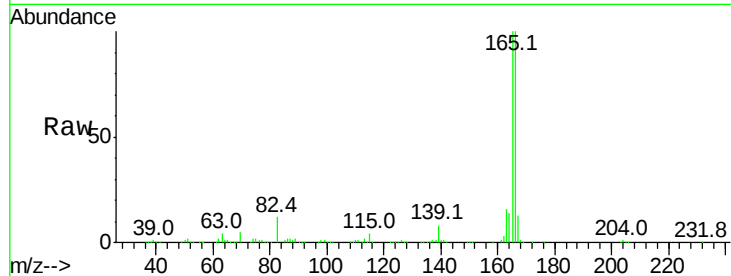




#57
 Fluorene
 Concen: 42.234 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

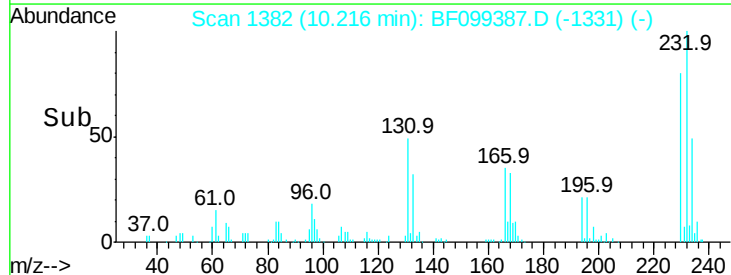
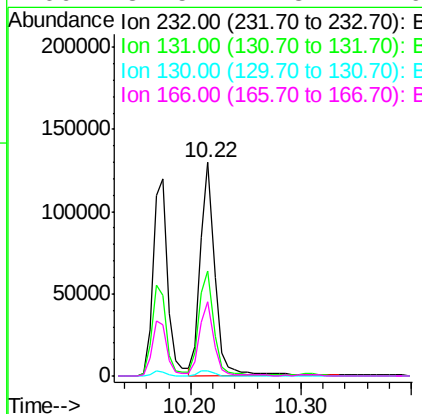
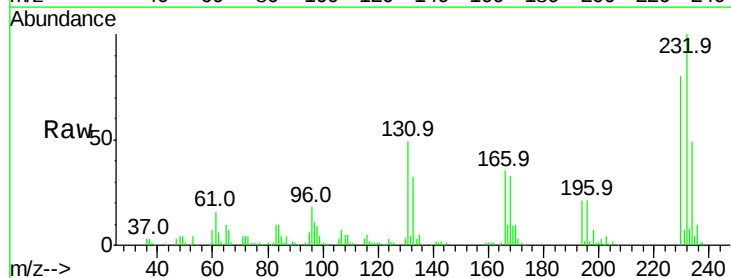
Instrument :
 BNA_F
 ClientSampleId :

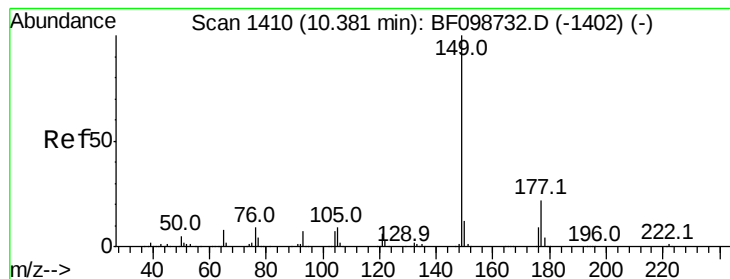
Tot Ion:166 Resp: 557455
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.975 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:232 Resp: 114794
 Ion Ratio Lower Upper
 232 100
 131 53.0 43.8 65.8
 130 2.5 2.1 3.1
 166 34.5 27.8 41.6





#59

Diethylphthalate

Concen: 39.902 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

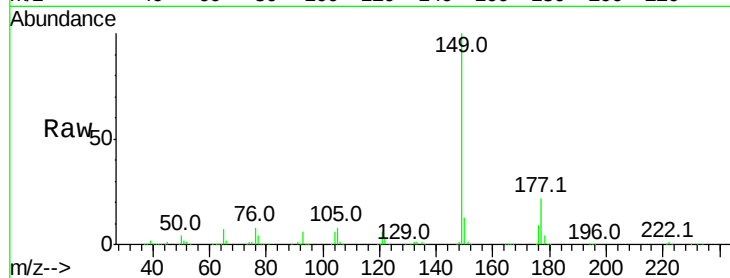
Tot Ion:149 Resp: 580039

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

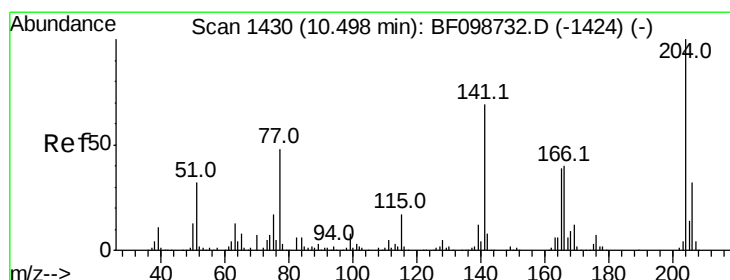
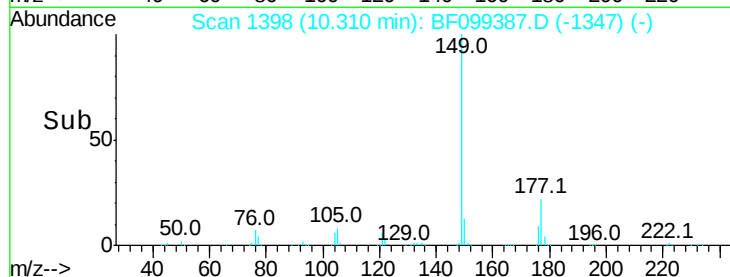
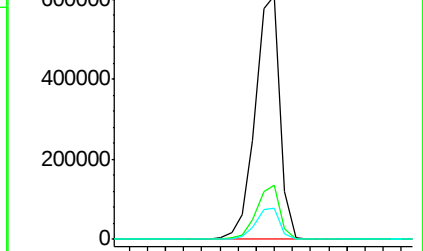
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.191 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

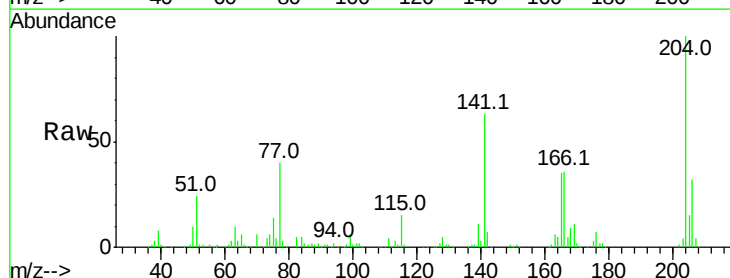
Tgt Ion:204 Resp: 250156

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

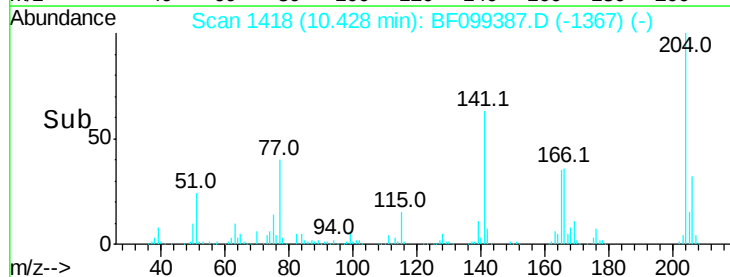
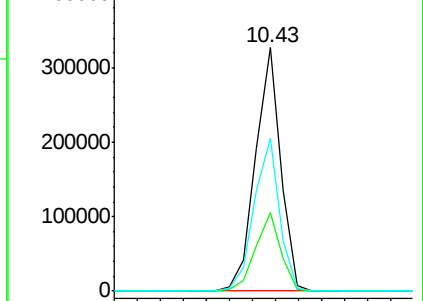
141 62.6 54.6 81.8

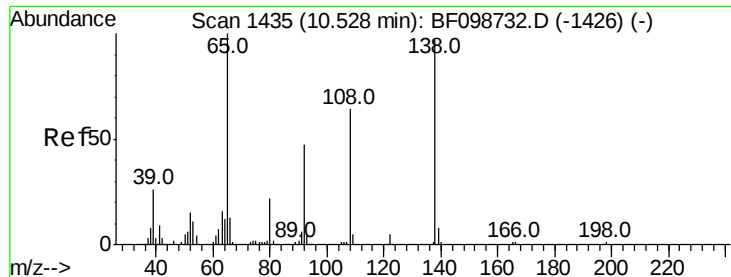


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

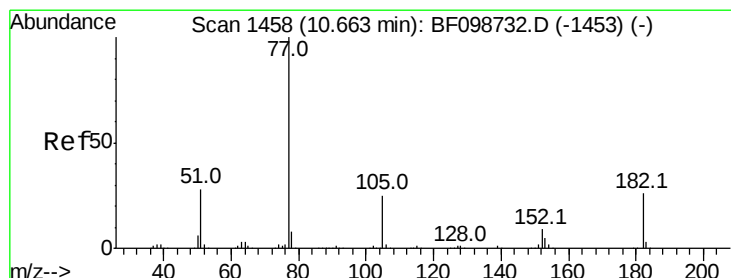
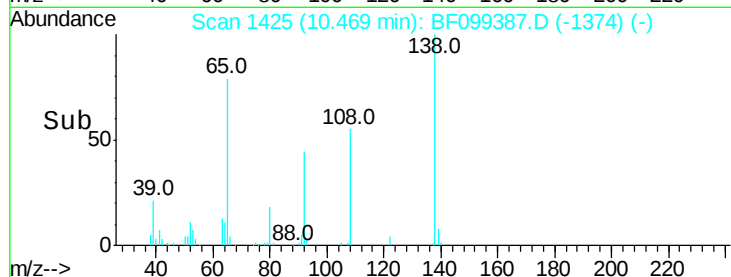
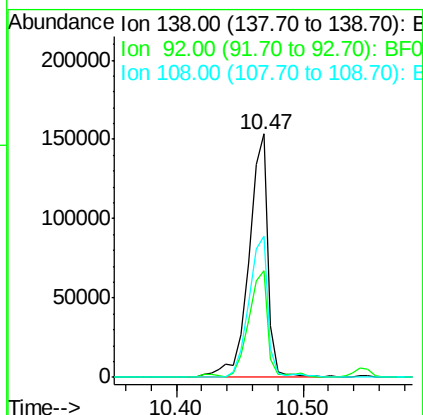
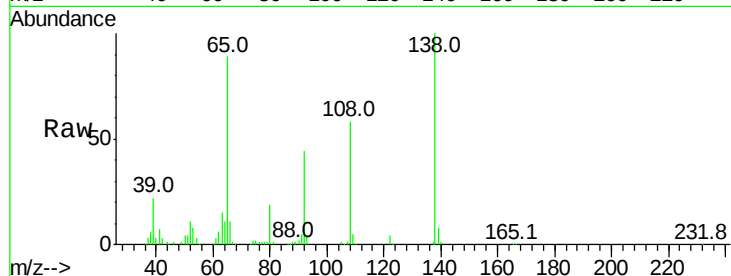




#61
4-Nitroaniline
Concen: 44.214 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

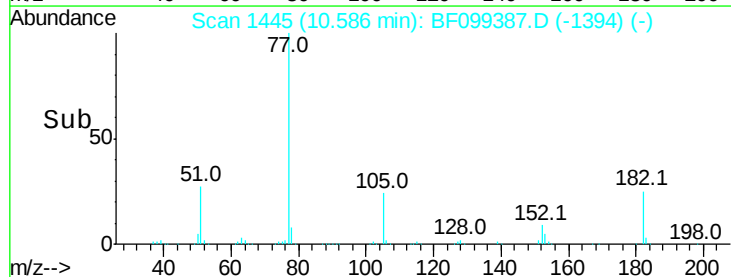
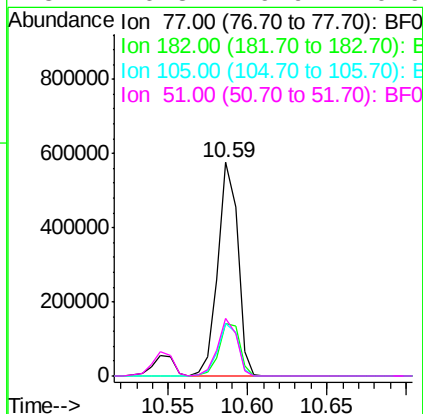
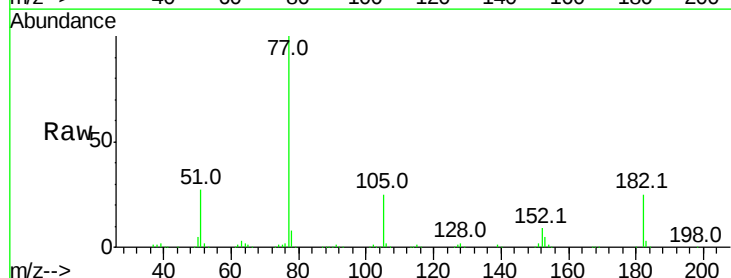
Instrument :
BNA_F
ClientSampleId :

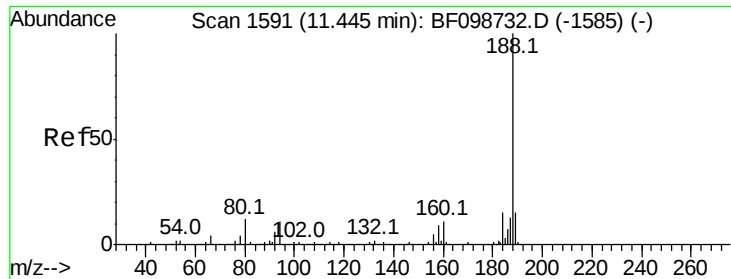
Tot Ion:138 Resp: 161086
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 58.0 52.5 92.5



#62
Azobenzene
Concen: 37.690 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion: 77 Resp: 503757
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 24.7 3.0 43.0
51 26.8 9.9 49.9

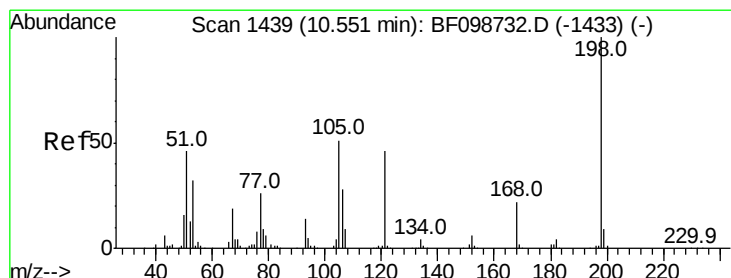
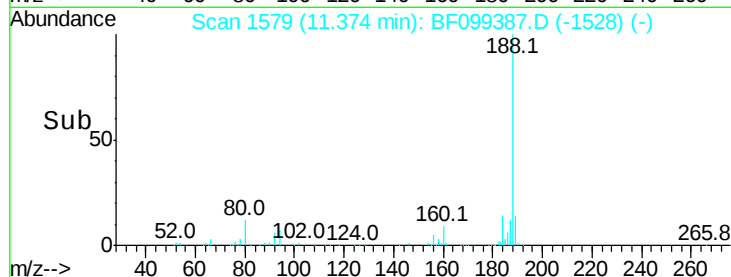
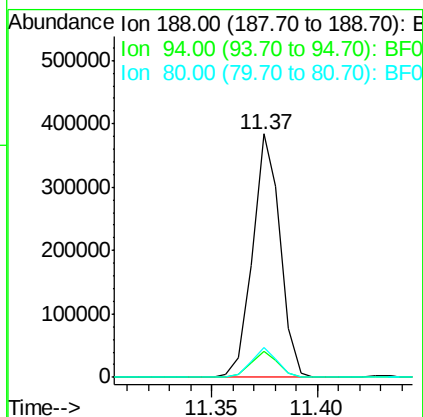
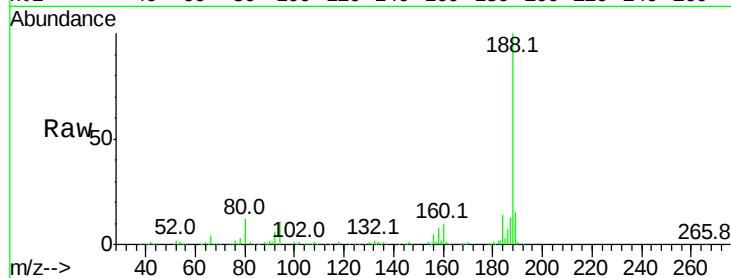




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

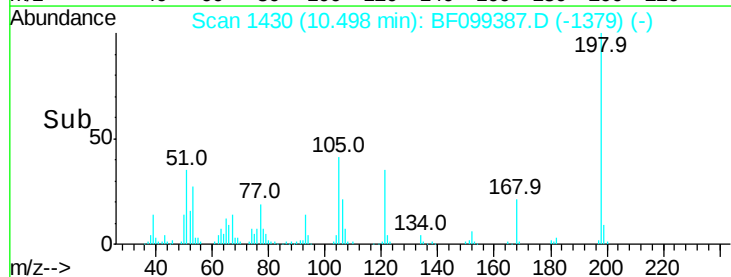
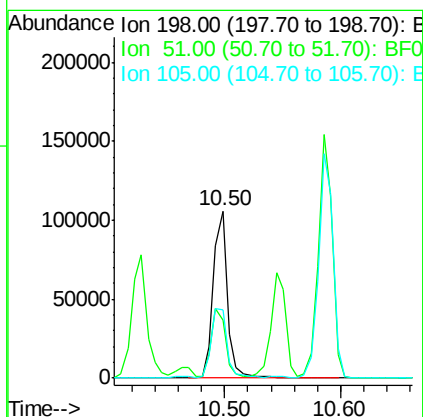
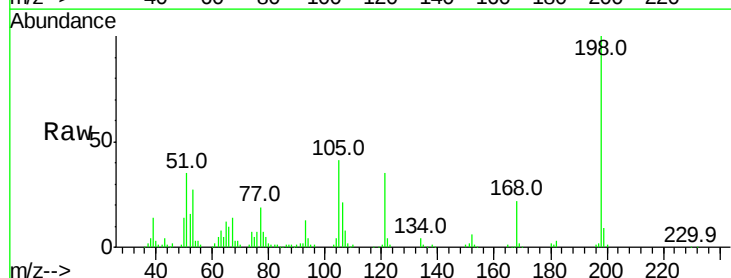
Instrument :
BNA_F
ClientSampleId :

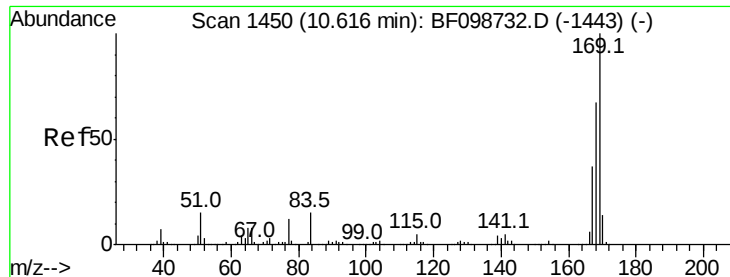
Tot Ion:188 Resp: 346248
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.957 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:198 Resp: 90495
Ion Ratio Lower Upper
198 100
51 34.7 37.7 77.7#
105 40.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.402 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

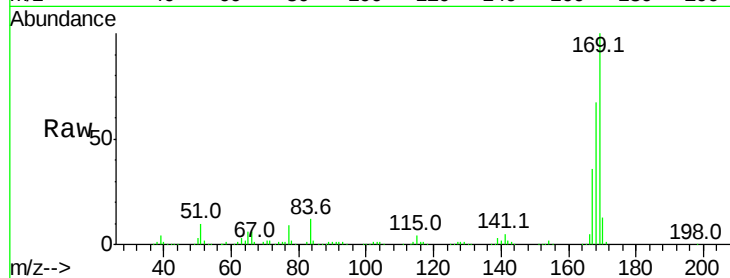
Tot Ion:169 Resp: 496626

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

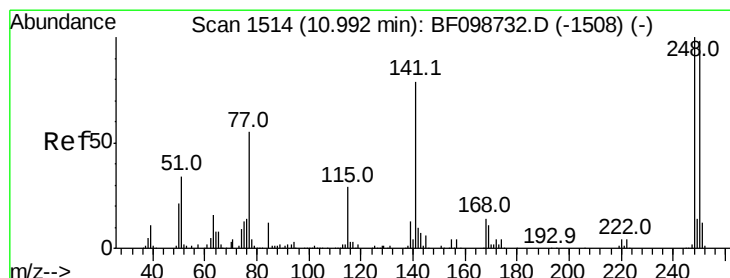
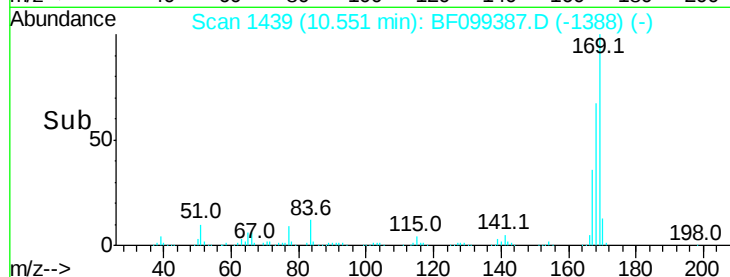
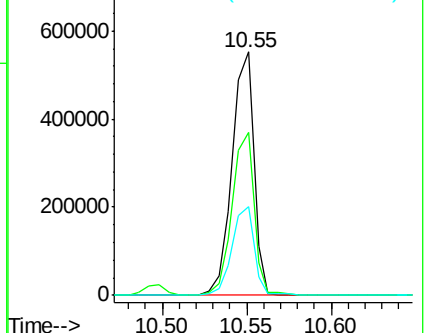
167 36.4 29.8 44.6



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: 41.500 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

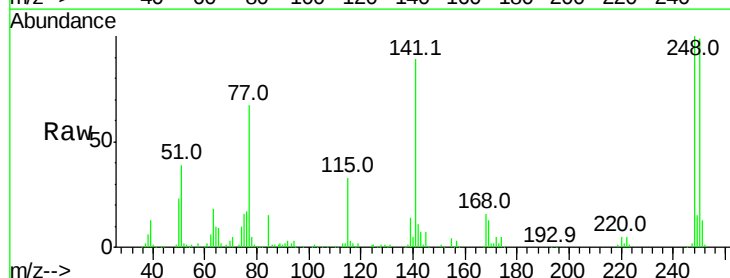
Tgt Ion:248 Resp: 140651

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

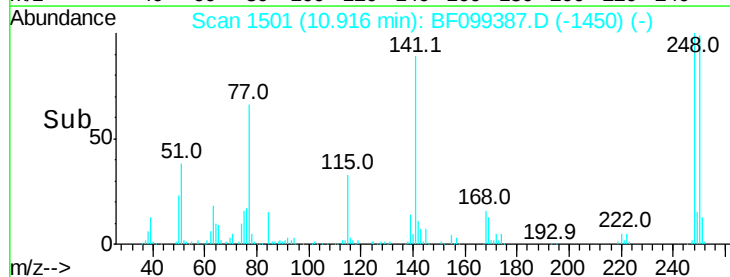
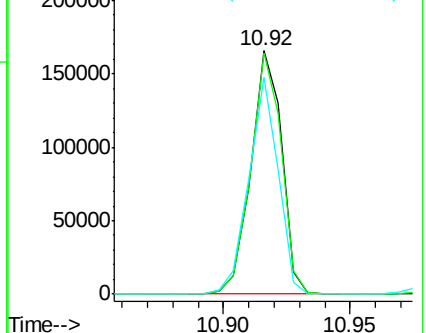
141 89.3 74.4 111.6



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

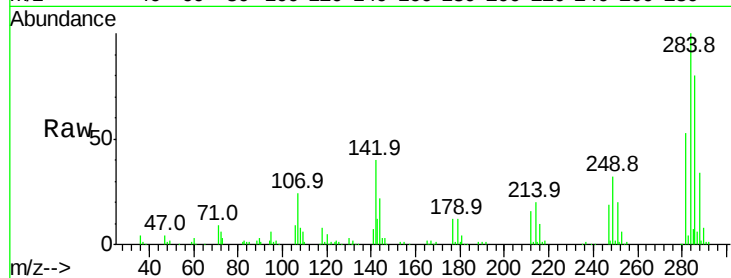




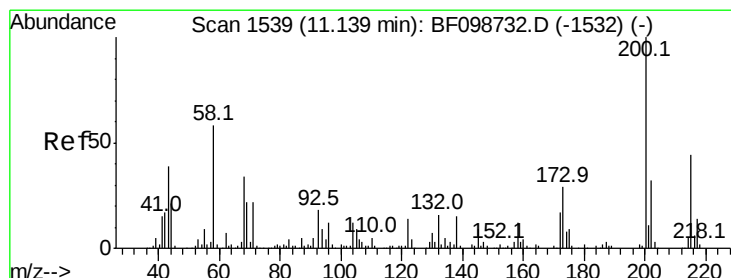
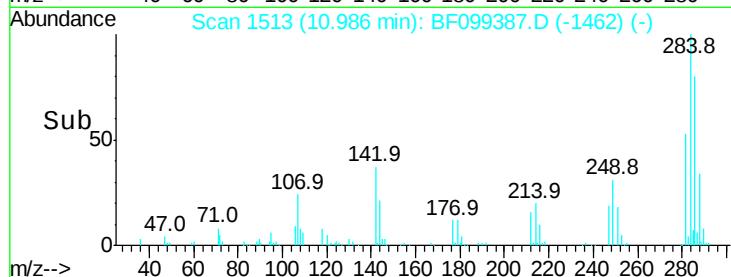
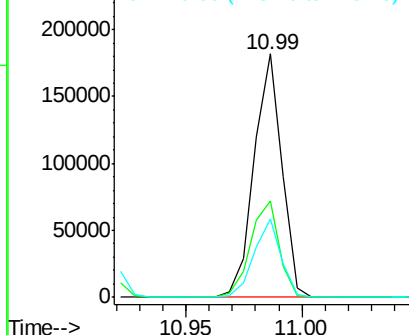
#67
Hexachlorobenzene
Concen: 42.362 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 153344
Ion Ratio Lower Upper
284 100
142 39.8 34.6 52.0
249 32.1 24.8 37.2

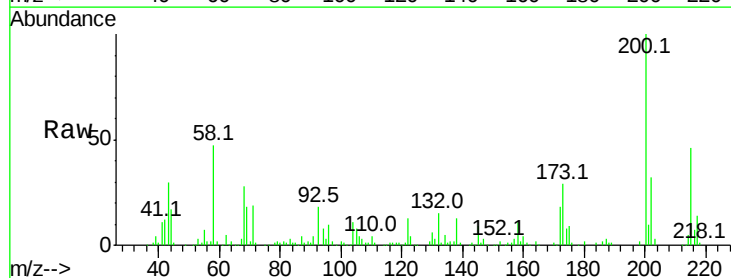


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

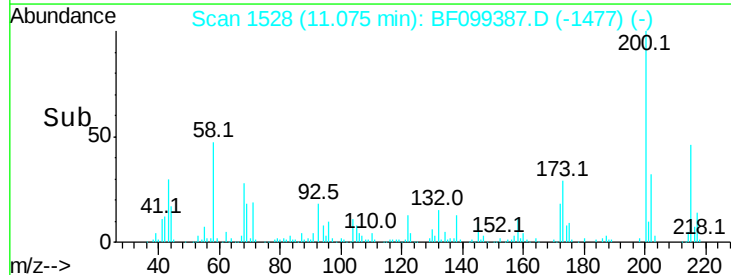
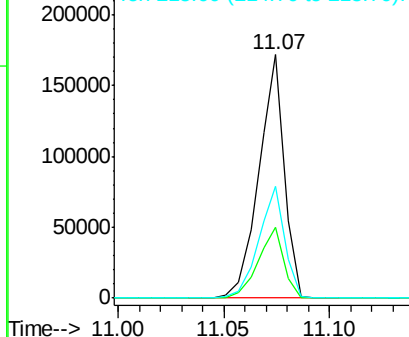


#68
Atrazine
Concen: 39.818 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:200 Resp: 143701
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 45.9 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

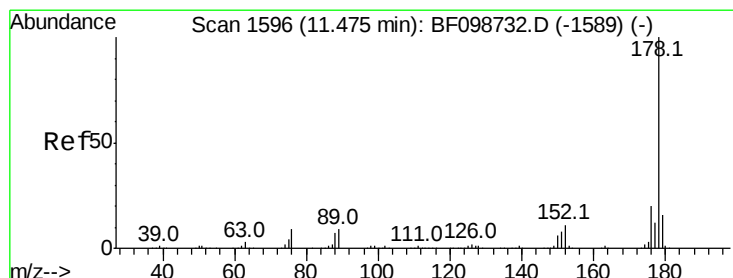
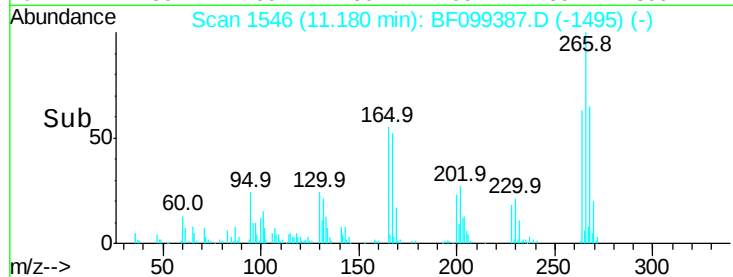
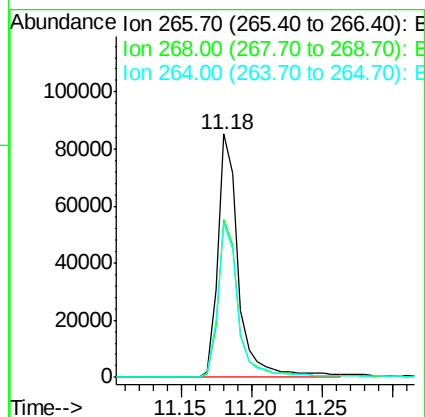
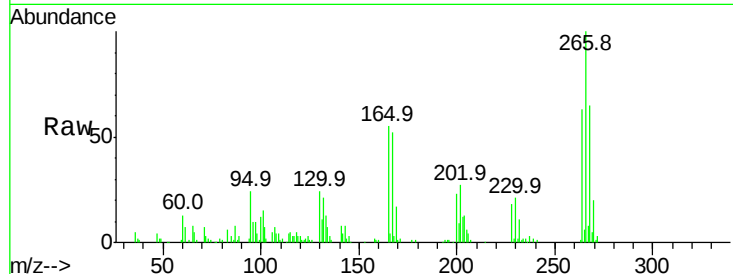




#69
 Pentachlorophenol
 Concen: 38.578 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

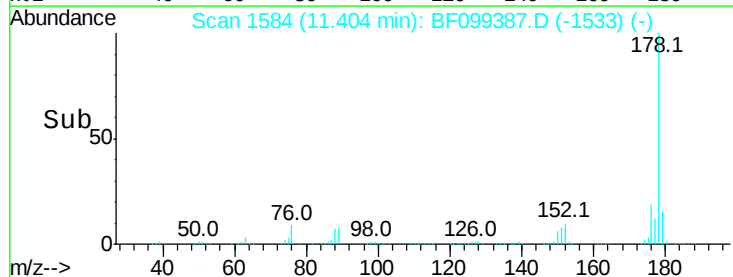
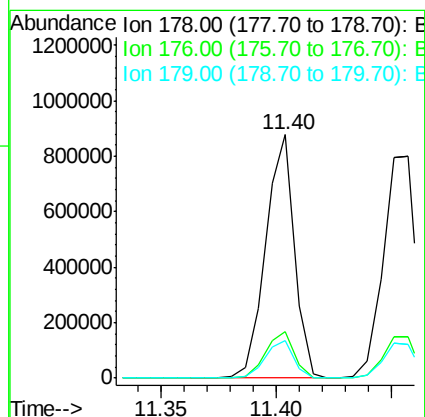
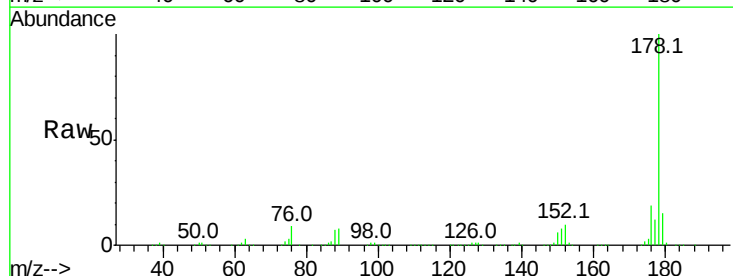
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 86909
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 40.986 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:178 Resp: 759621
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 13.0 19.6

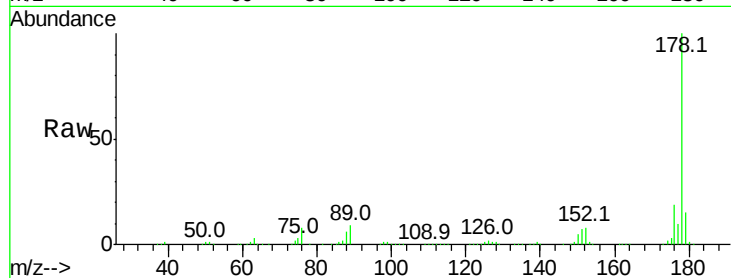




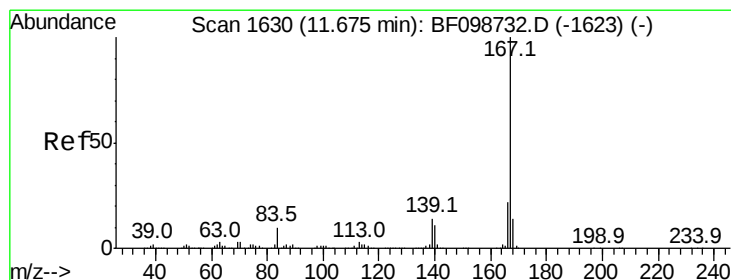
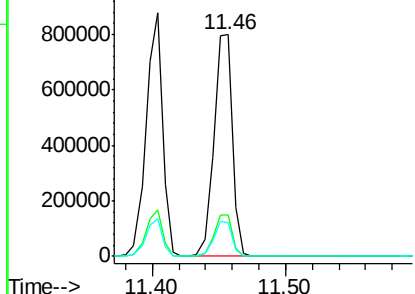
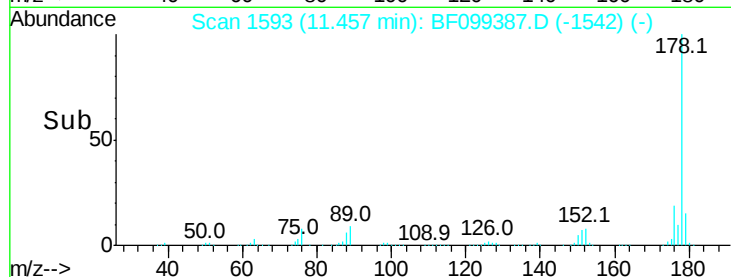
#71
 Anthracene
 Concen: 41.285 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 782905
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.3 12.6 19.0

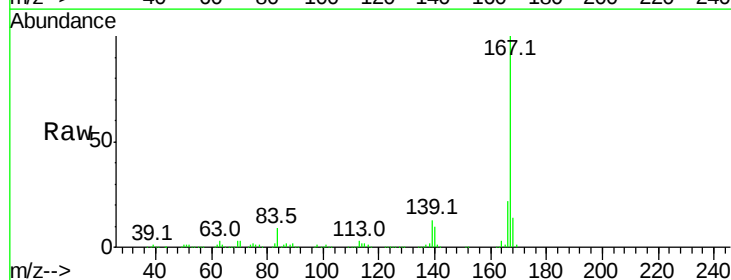


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

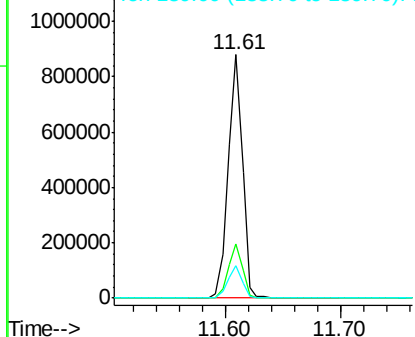
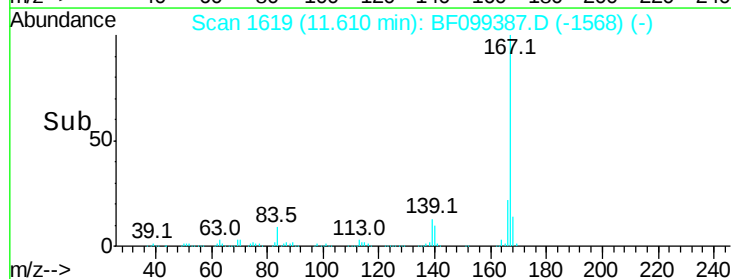


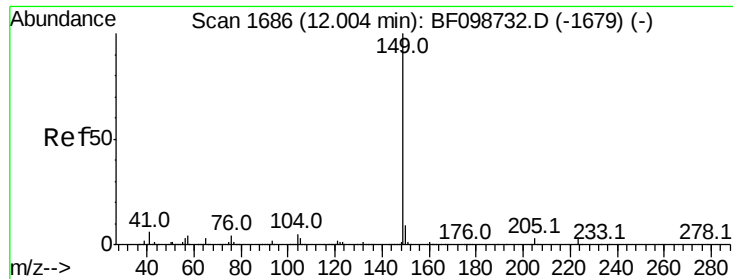
#72
 Carbazole
 Concen: 40.520 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:167 Resp: 752465
 Ion Ratio Lower Upper
 167 100
 166 22.4 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

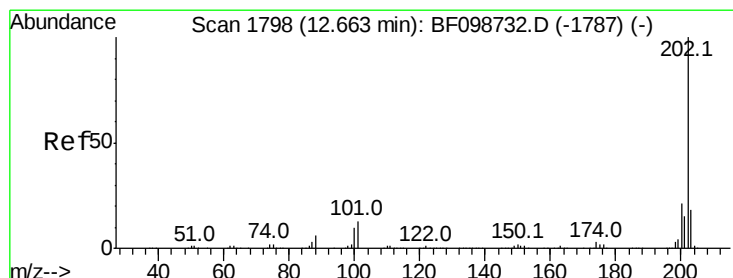
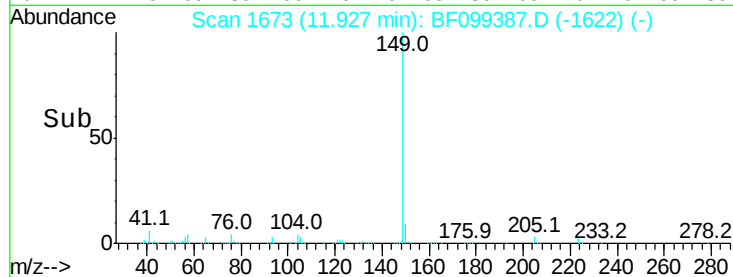
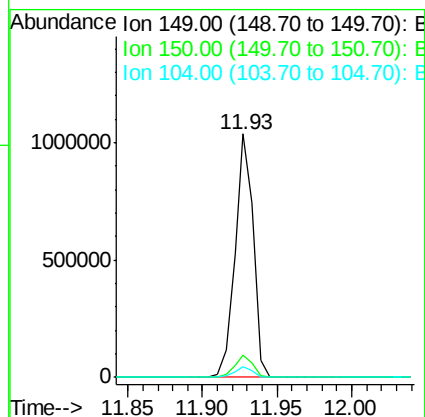
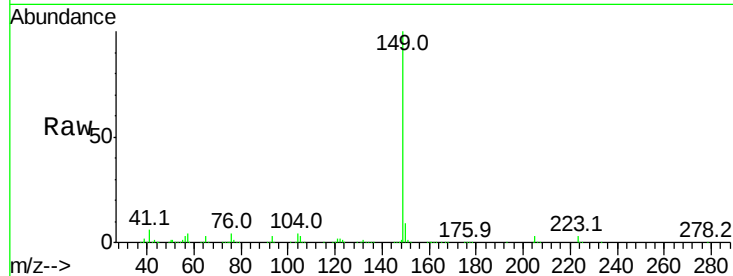




#73
Di-n-butylphthalate
Concen: 39.750 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

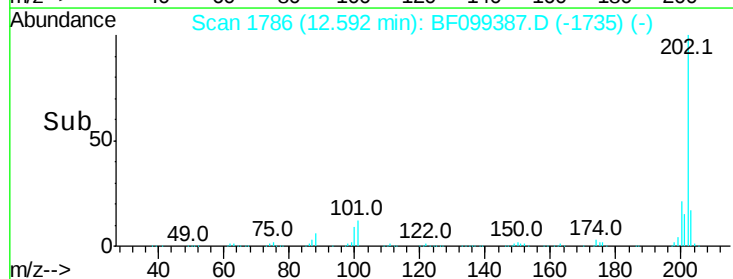
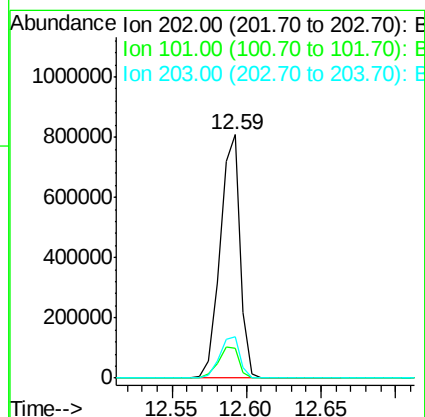
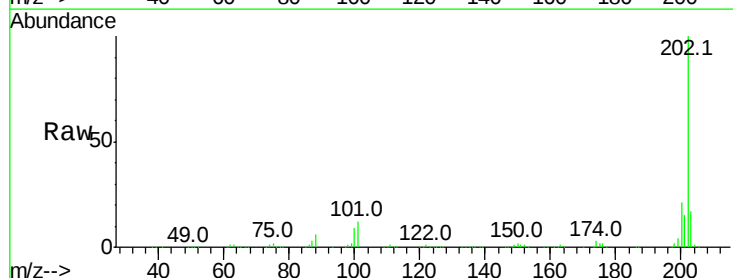
Instrument :
BNA_F
ClientSampleId :

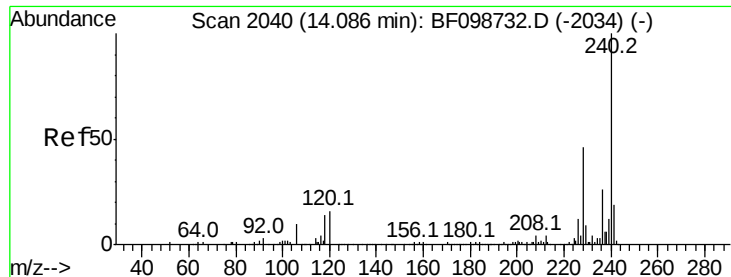
Tot Ion:149 Resp: 888509
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 40.221 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:202 Resp: 754838
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

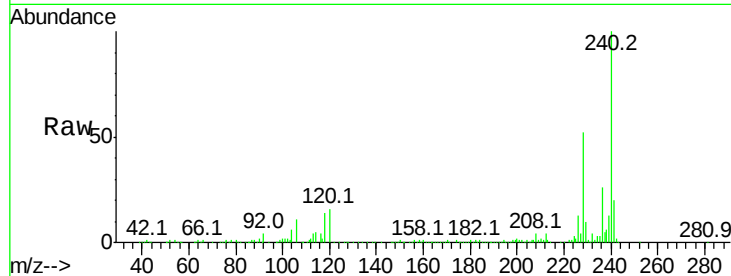
Tot Ion:240 Resp: 228063

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

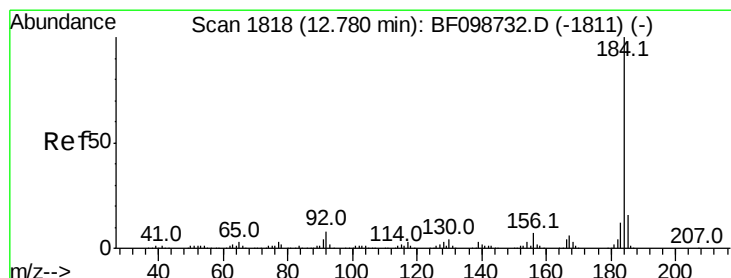
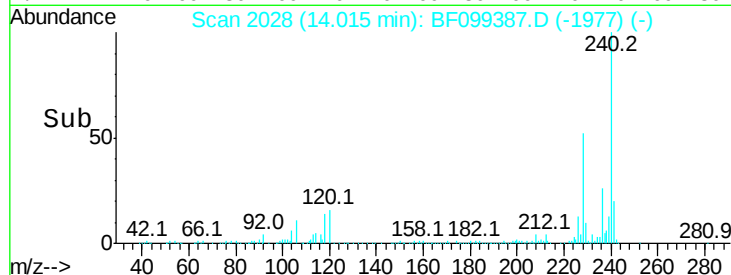
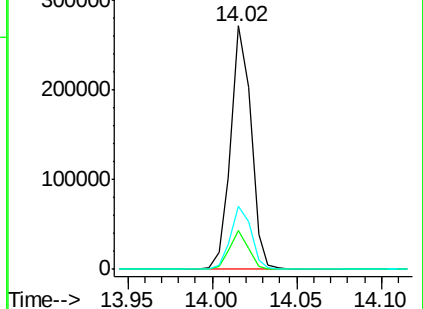
236 25.7 20.7 31.1



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: 41.292 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

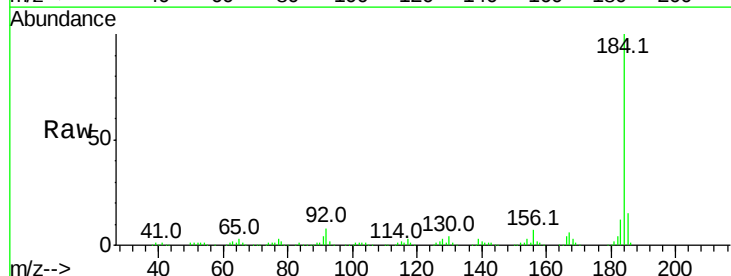
Tgt Ion:184 Resp: 348305

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

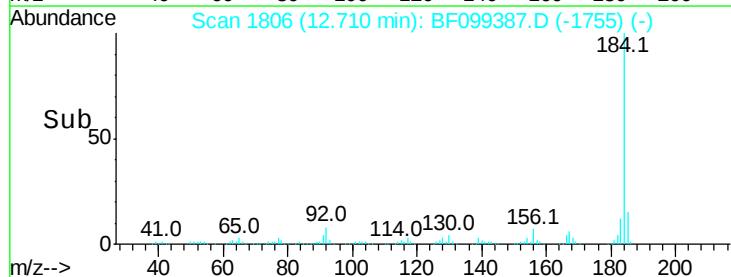
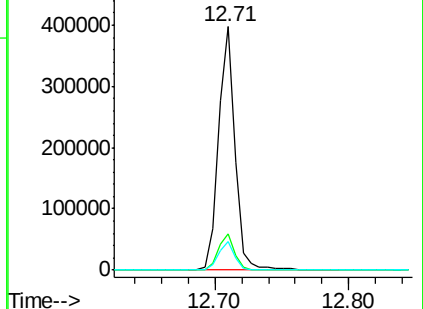
183 11.8 9.3 13.9

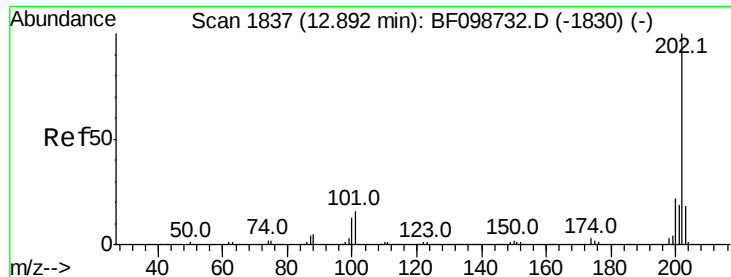


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

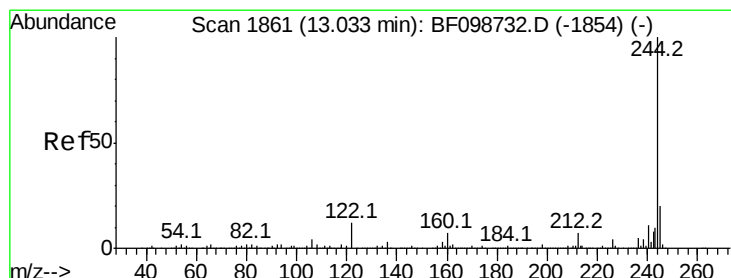
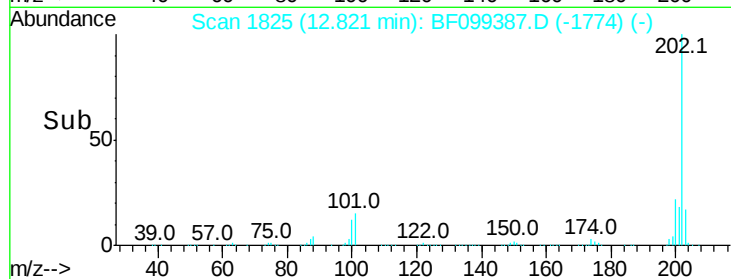
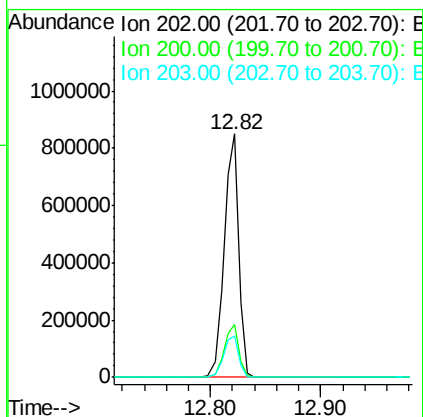
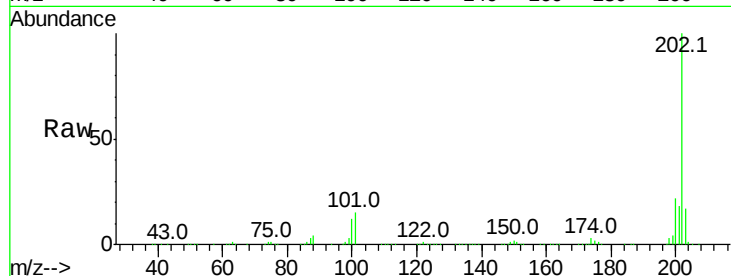




#77
Pvrene
Concen: 44.788 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

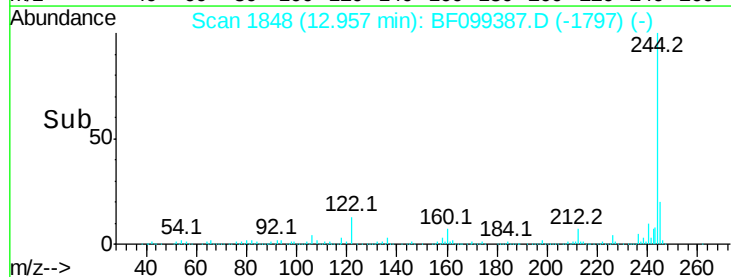
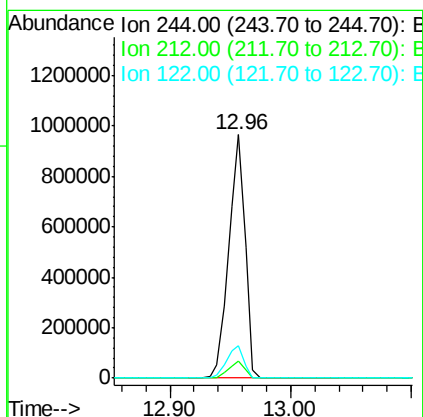
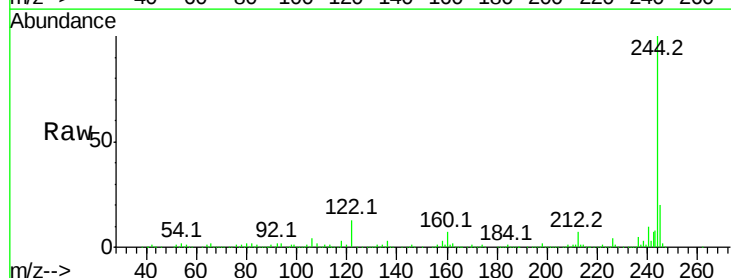
Instrument :
BNA_F
ClientSampled :

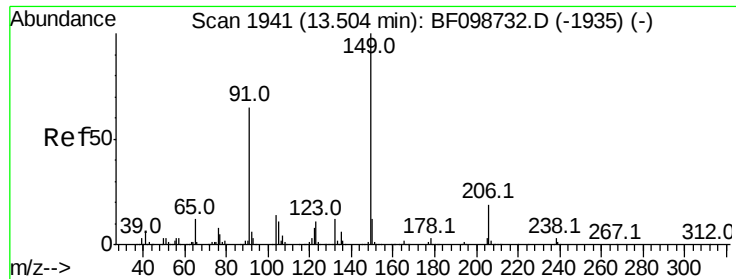
Tot Ion:202 Resp: 778900
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 90.087 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:244 Resp: 903419
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.2 11.0 16.4

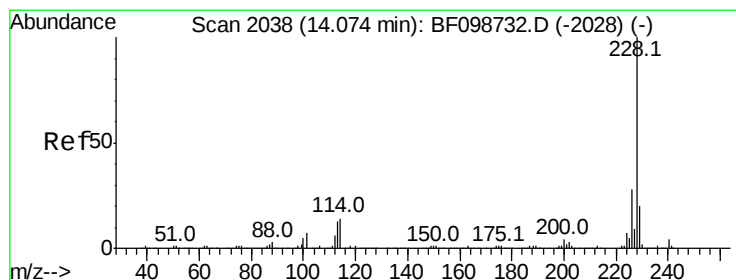
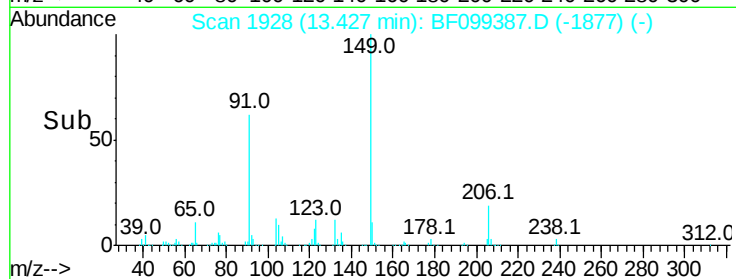
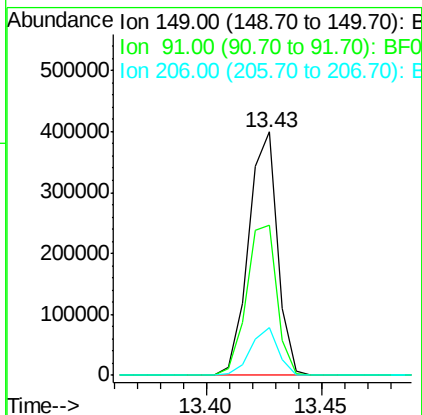
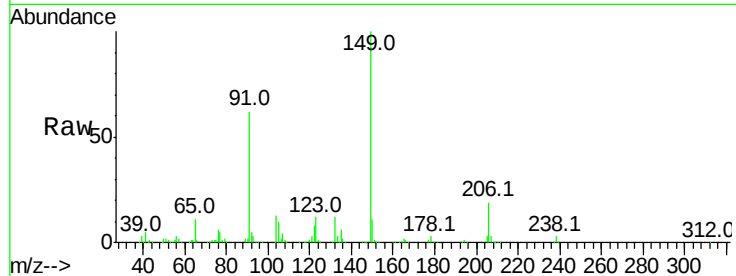




#79
Butylbenzylphthalate
Concen: 42.877 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

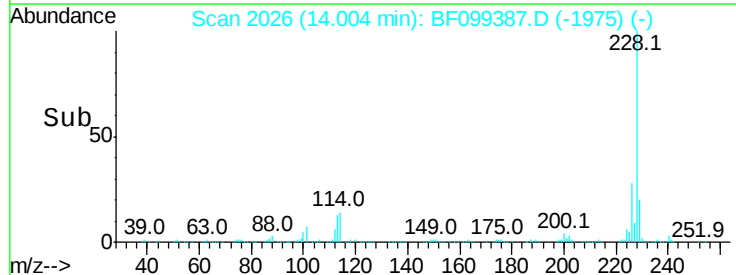
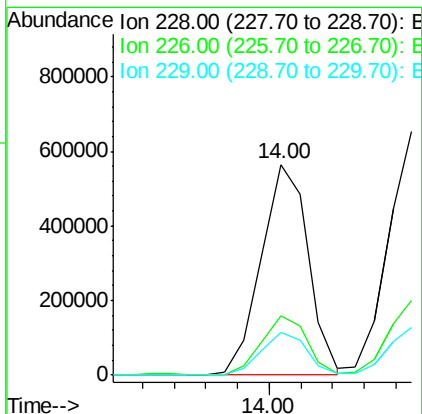
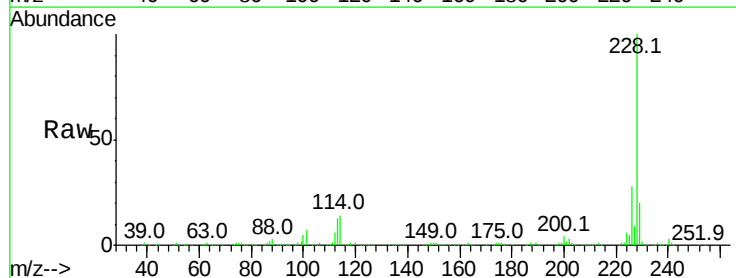
Instrument :
BNA_F
ClientSampleId :

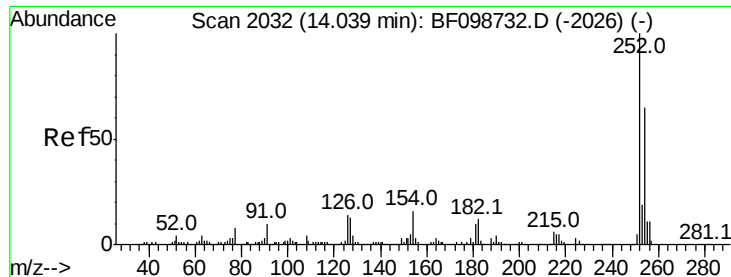
Tot Ion:149 Resp: 350446
Ion Ratio Lower Upper
149 100
91 61.6 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.163 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion:228 Resp: 582260
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.4 15.8 23.6

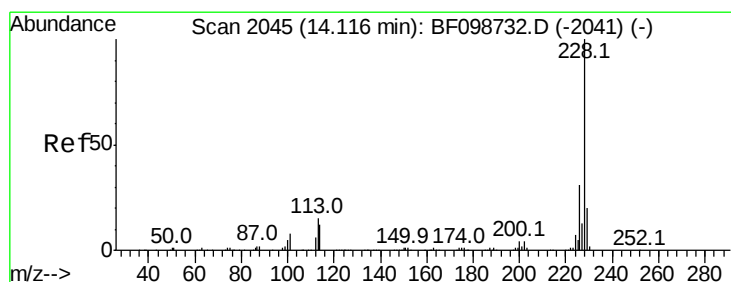
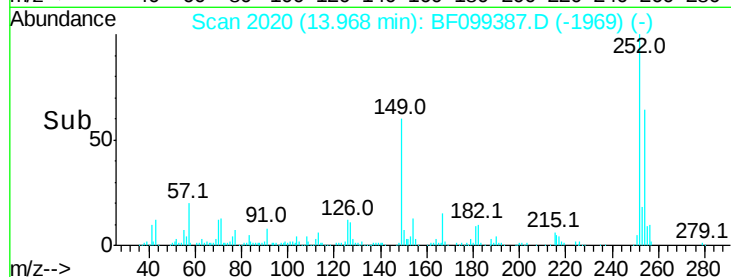
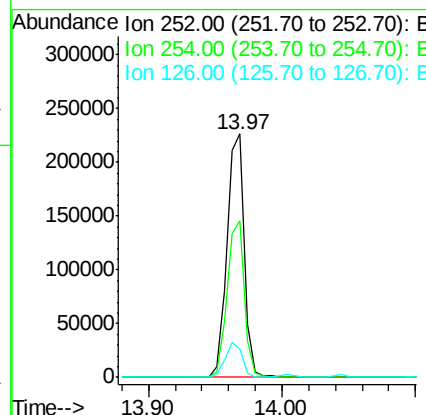
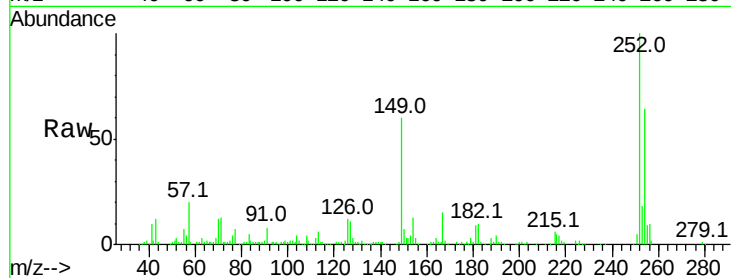




#81
 3,3'-Dichlorobenzidine
 Concen: 41.102 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

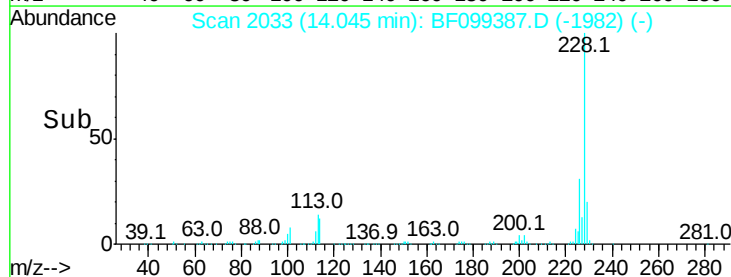
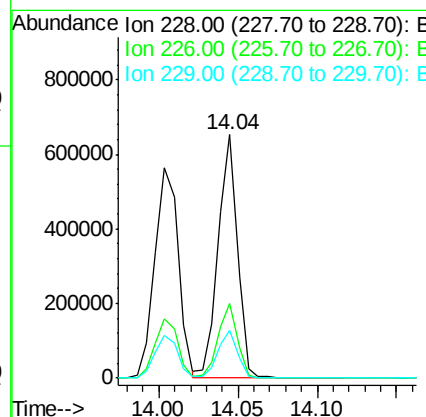
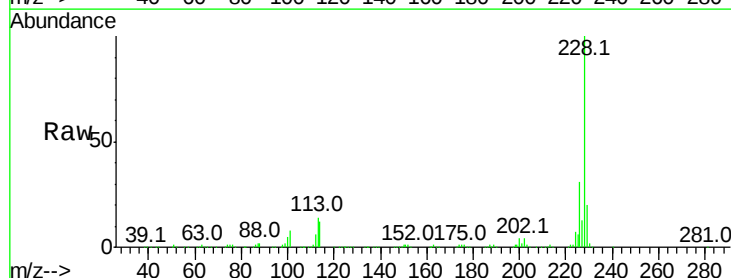
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	11.9	11.3	16.9



#82
 Chrysene
 Concen: 42.313 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.2	24.4

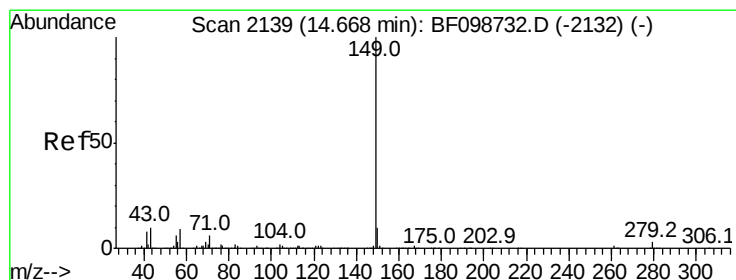
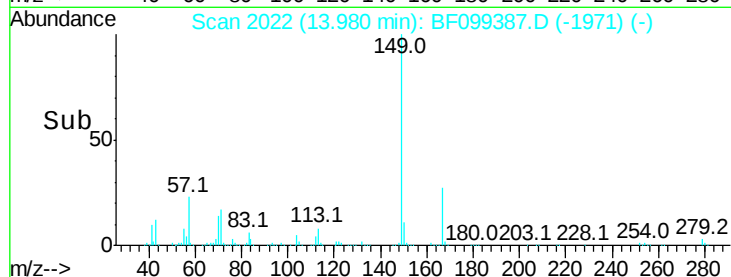
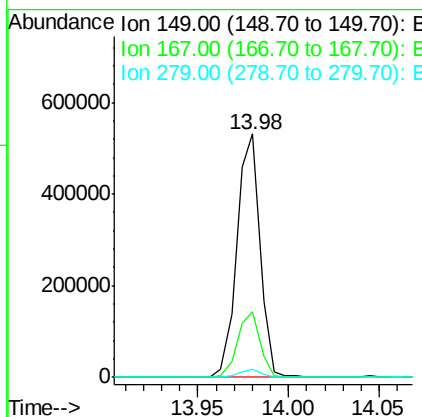
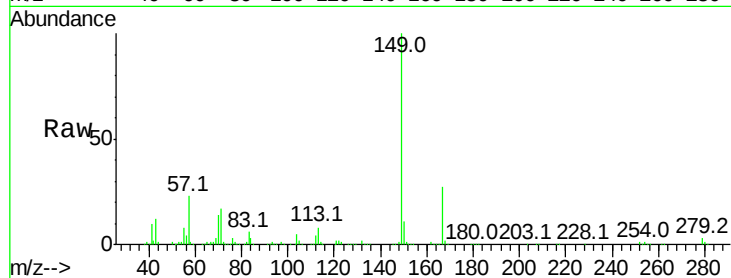




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.848 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

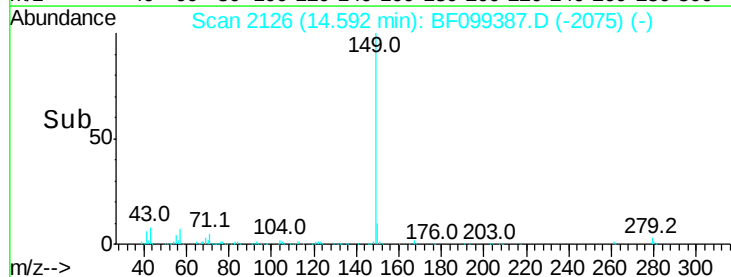
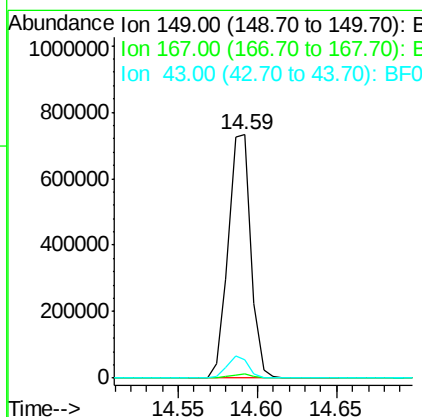
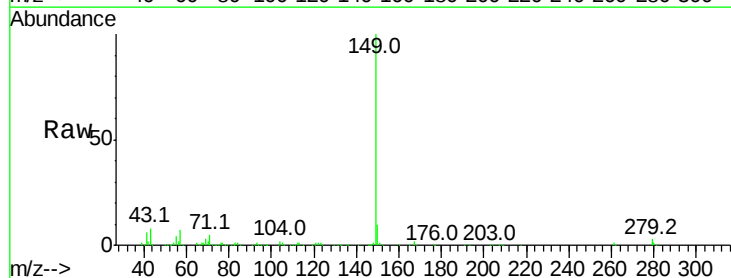
Instrument :
 BNA_F
 ClientSampleId :

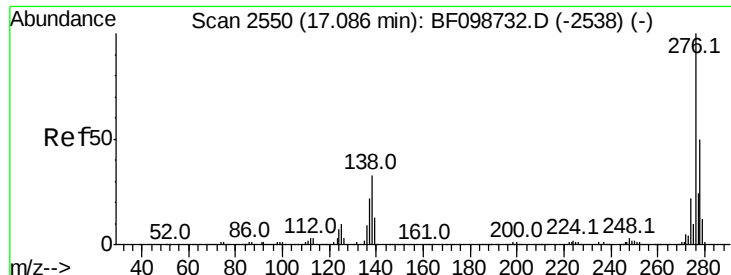
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 40.208 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6



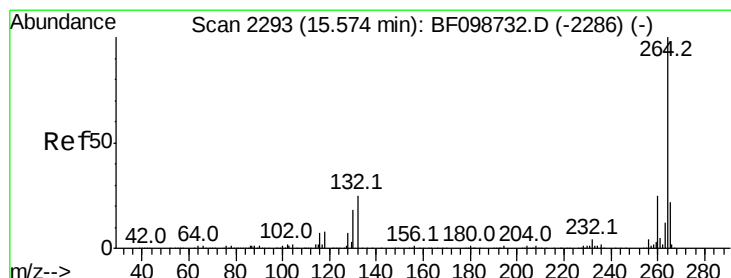
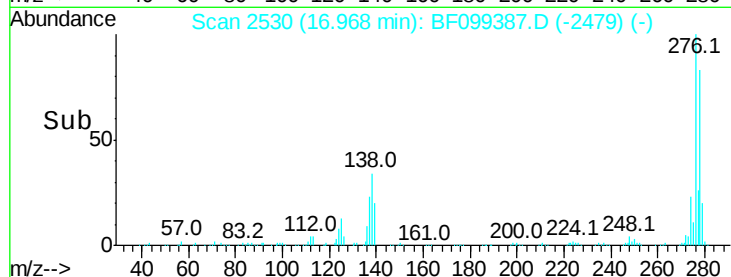
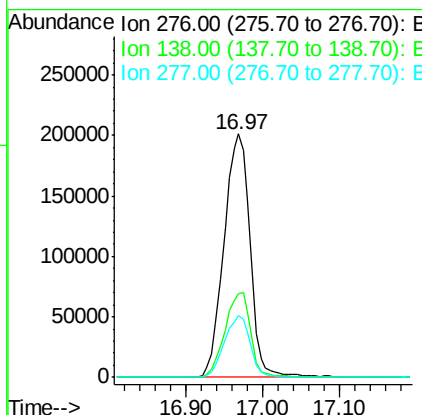
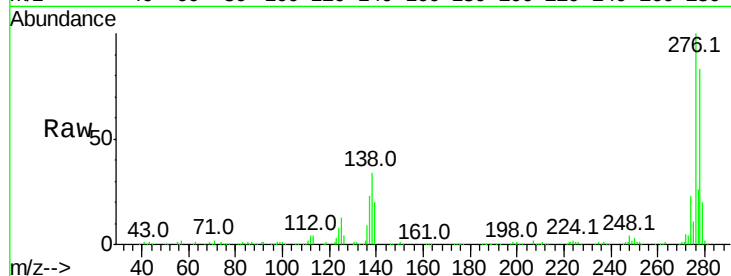


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.128 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 474618

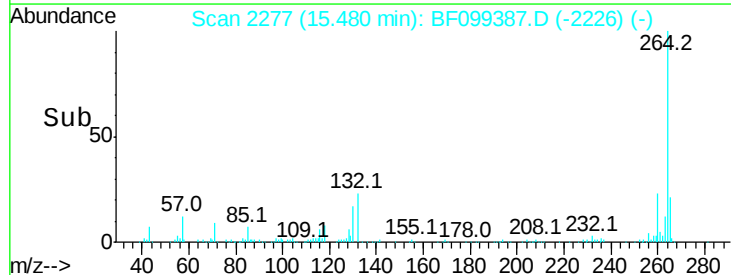
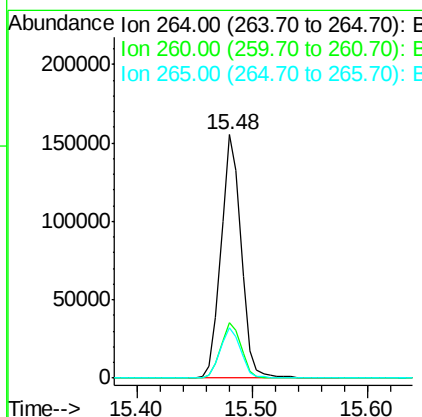
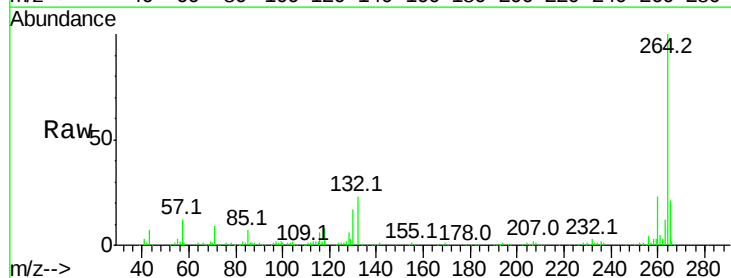
Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Tgt Ion:264 Resp: 187254

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.8	17.5	26.3

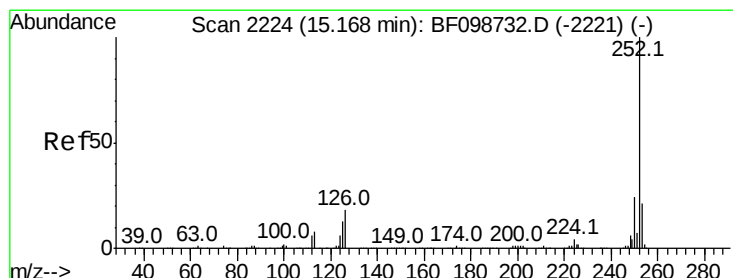
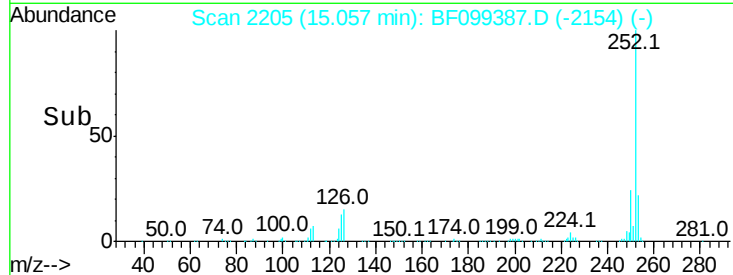
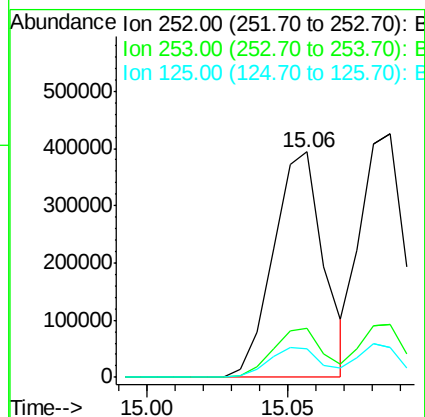
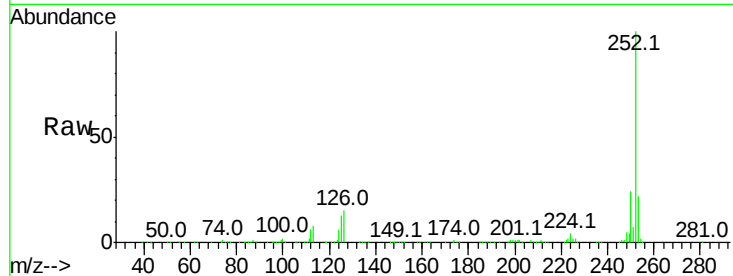




#87
Benzo(b)fluoranthene
Concen: 42.308 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

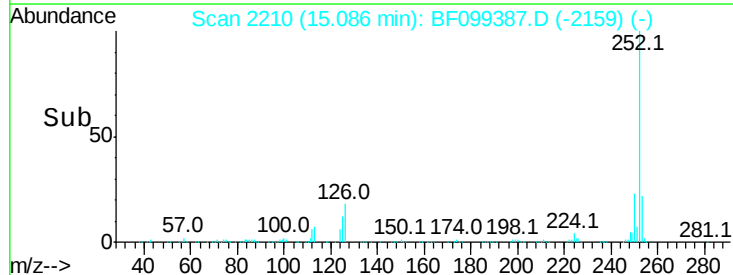
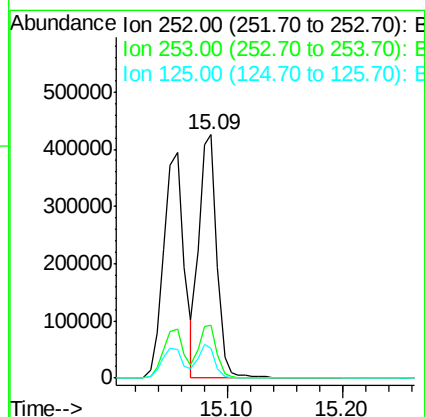
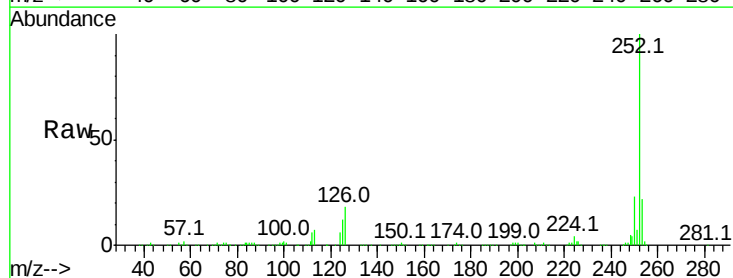
Instrument :
BNA_F
ClientSampleId :

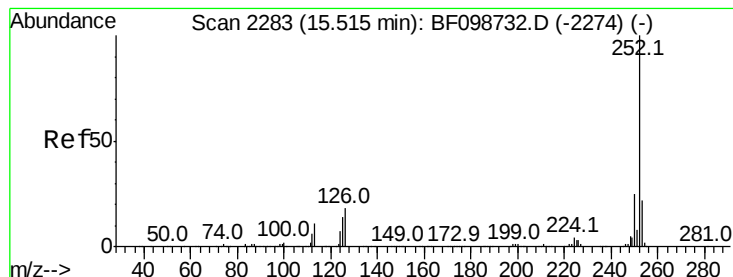
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.905 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF099387.D
Acq: 12 Oct 2017 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.230 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

Instrument :

BNA_F

ClientSampleId :

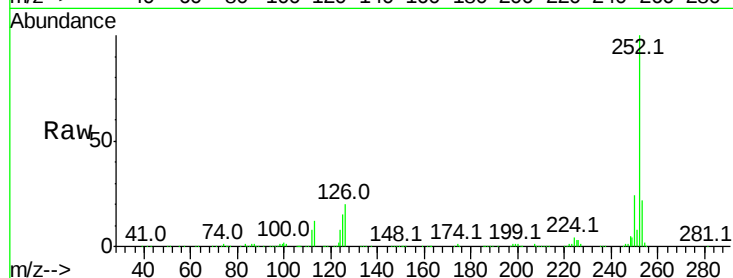
Tot Ion:252 Resp: 446298

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

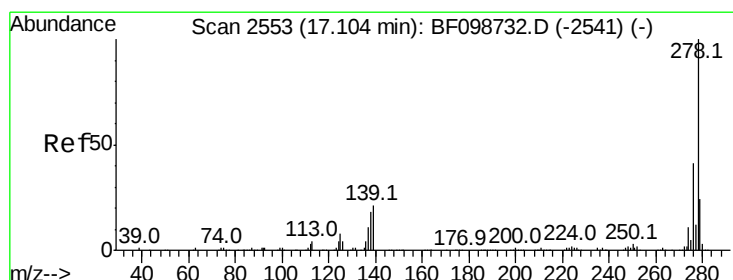
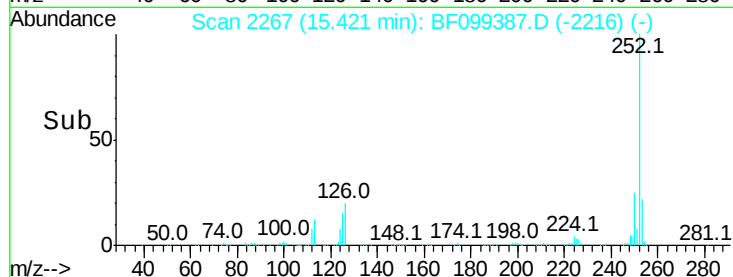
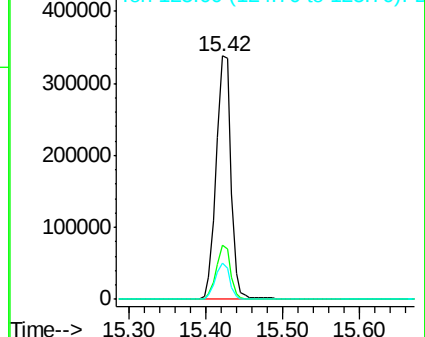
125 14.9 9.8 14.6#



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: 45.390 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF099387.D

Acq: 12 Oct 2017 11:13

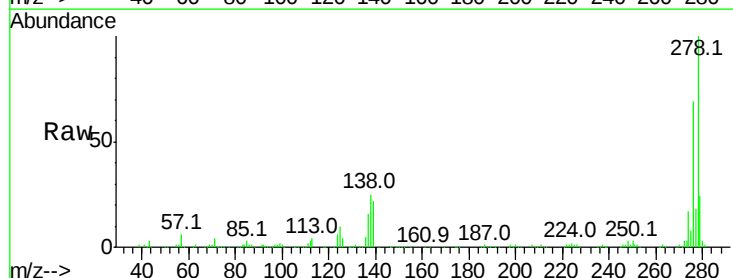
Tgt Ion:278 Resp: 383893

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

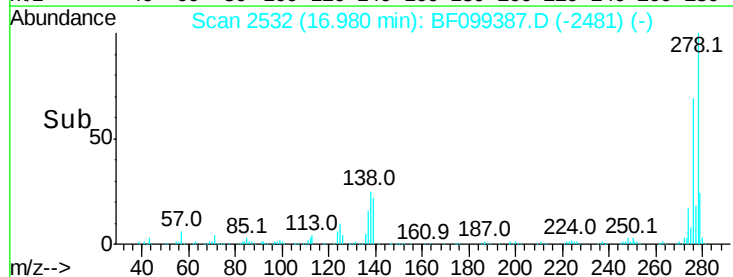
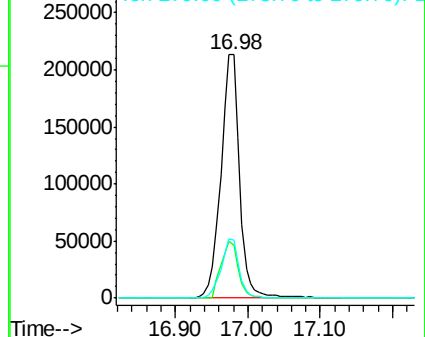
279 23.9 19.0 28.4

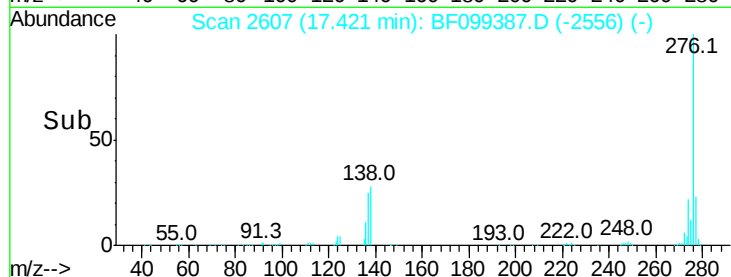
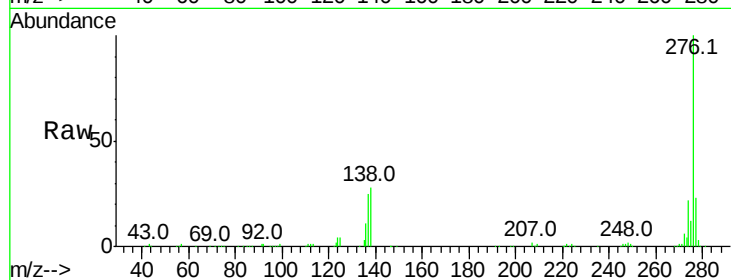
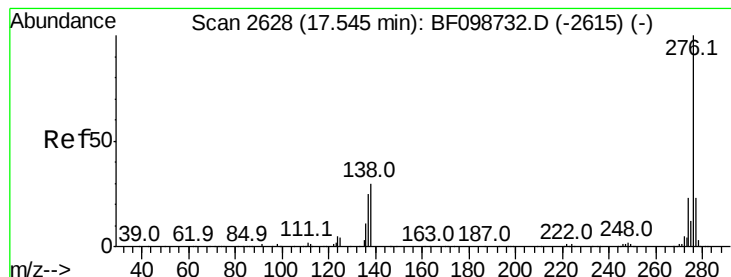


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.648 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BF099387.D
 Acq: 12 Oct 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	28.1	21.8	32.8

