

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099439.D
 Acq On : 13 Oct 2017 14:58
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 17:36:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104026	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	435329	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	196906	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	350585	20.00	ng	0.00
75) Chrysene-d12	14.02	240	250384	20.00	ng	0.00
86) Perylene-d12	15.49	264	198851	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	543304	83.14	ng	0.00
7) Phenol-d6	6.49	99	660981	81.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	557079	82.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	142505	88.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1030562	87.37	ng	0.00
78) Terphenyl-d14	12.96	244	945177	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	123824	39.667	ng	94
3) Pyridine	3.40	79	313610	37.138	ng	94
4) n-Nitrosodimethylamine	3.36	42	124466	34.759	ng	80
6) Aniline	6.52	93	434399	39.927	ng	97
8) 2-Chlorophenol	6.64	128	311175	42.049	ng	96
9) Benzaldehyde	6.41	77	166107	35.522	ng	92
10) Phenol	6.50	94	391829	43.461	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	286542	40.883	ng	97
12) 1,3-Dichlorobenzene	6.79	146	328648	42.405	ng	97
13) 1,4-Dichlorobenzene	6.87	146	330375	41.898	ng	99
14) 1,2-Dichlorobenzene	7.03	146	306304	42.040	ng	96
15) Benzyl Alcohol	7.00	79	222745	37.665	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	397758	36.426	ng	95
17) 2-Methylphenol	7.11	107	247646	40.899	ng	98
18) Hexachloroethane	7.36	117	115806	40.859	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	187862	36.501	ng	94
20) 3+4-Methylphenols	7.26	107	291805	38.094	ng	# 77
22) Acetophenone	7.27	105	401236	38.042	ng	# 97
24) Nitrobenzene	7.44	77	311935	40.509	ng	97
25) Isophorone	7.68	82	552539	39.370	ng	98
26) 2-Nitrophenol	7.76	139	176773	47.739	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	271612	38.840	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	357348	40.858	ng	99
29) 2,4-Dichlorophenol	8.00	162	257516	42.891	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	255113	42.484	ng	98
31) Naphthalene	8.16	128	845784	41.367	ng	99
32) Benzoic acid	7.93	122	208634	36.321	ng	95
33) 4-Chloroaniline	8.21	127	359100	42.058	ng	97
34) Hexachlorobutadiene	8.27	225	129208	41.774	ng	99
35) Caprolactam	8.59	113	81269	42.197	ng	85
36) 4-Chloro-3-methylphenol	8.69	107	276500	40.972	ng	97
37) 2-Methylnaphthalene	8.85	142	551437	41.488	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253834	43.226	ng	98
40) Hexachlorocyclopentadiene	9.00	237	107754	40.152	ng	99

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

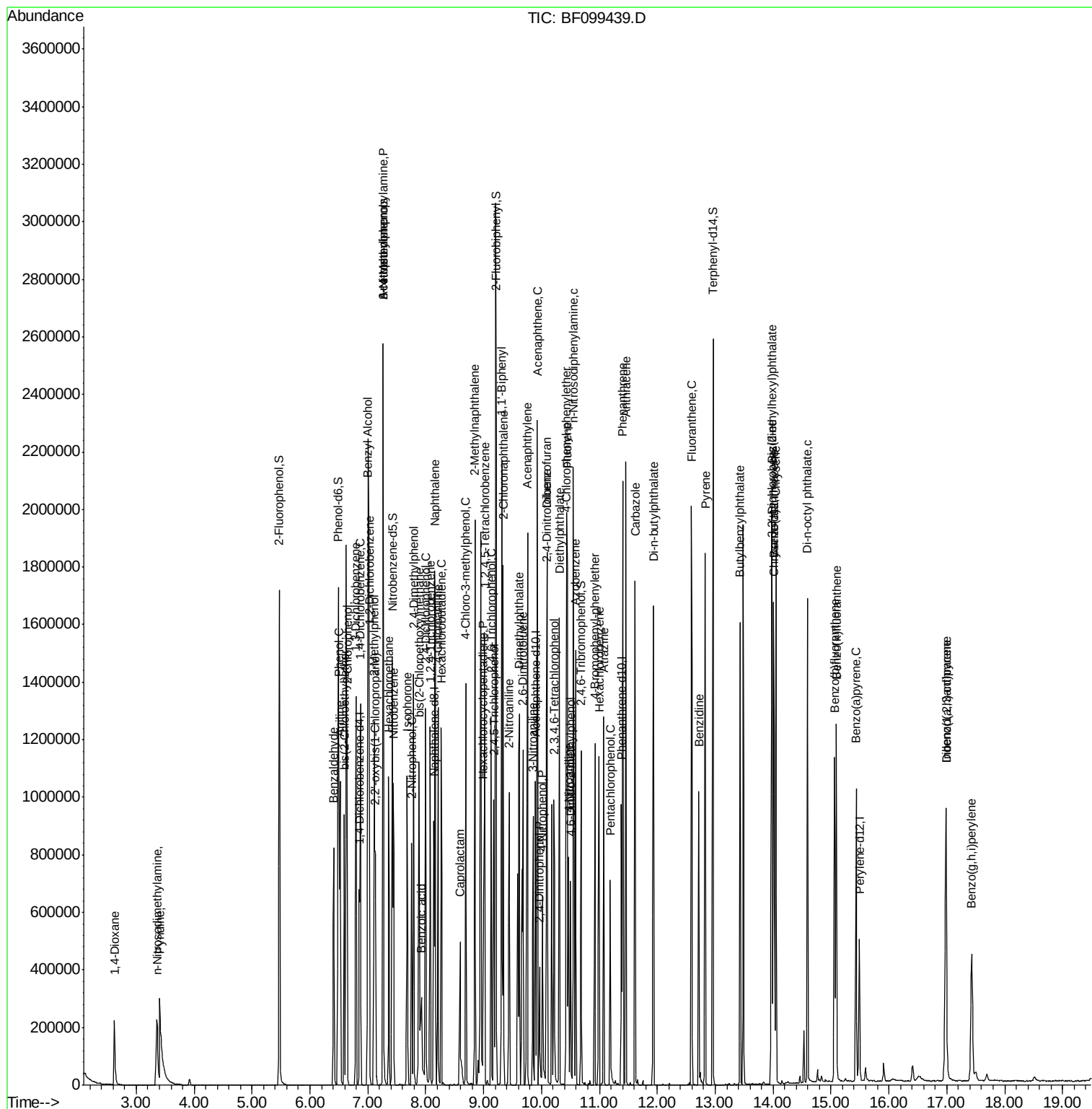
42) 2,4,6-Trichlorophenol	9.13	196	167539	40.273	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	176516	42.505	ng	# 92
45) 1,1'-Biphenyl	9.32	154	710190	41.966	ng	99
46) 2-Chloronaphthalene	9.34	162	543978	42.812	ng	97
47) 2-Nitroaniline	9.44	65	156883	40.324	ng	95
48) Acenaphthylene	9.76	152	820556	42.186	ng	99
49) Dimethylphthalate	9.62	163	634282	42.680	ng	99
50) 2,6-Dinitrotoluene	9.68	165	142733	44.116	ng	92
51) Acenaphthene	9.93	154	482458	39.157	ng	98
52) 3-Nitroaniline	9.85	138	168941	44.782	ng	97
53) 2,4-Dinitrophenol	9.96	184	59365	38.503	ng	95
54) Dibenzofuran	10.10	168	676860	41.259	ng	100
55) 4-Nitrophenol	10.02	139	120341	37.725	ng	89
56) 2,4-Dinitrotoluene	10.09	165	182016	43.348	ng	95
57) Fluorene	10.44	166	569487	43.190	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116208	40.508	ng	97
59) Diethylphthalate	10.31	149	594634	40.948	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	248983	42.036	ng	99
61) 4-Nitroaniline	10.47	138	168028	46.167	ng	89
62) Azobenzene	10.59	77	519649	38.918	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	99269	46.539	ng	88
65) n-Nitrosodiphenylamine	10.55	169	502699	41.390	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	146752	42.764	ng	92
67) Hexachlorobenzene	10.99	284	156693	42.752	ng	92
68) Atrazine	11.07	200	151492	41.458	ng	98
69) Pentachlorophenol	11.19	266	81629	35.786	ng	99
70) Phenanthrene	11.40	178	778956	41.509	ng	98
71) Anthracene	11.46	178	804570	41.902	ng	100
72) Carbazole	11.62	167	789801	42.004	ng	99
73) Di-n-butylphthalate	11.93	149	918431	40.580	ng	98
74) Fluoranthene	12.59	202	790144	41.581	ng	99
76) Benzidine	12.72	184	402071	43.416	ng	99
77) Pyrene	12.83	202	816039	42.741	ng	99
79) Butylbenzylphthalate	13.43	149	382766	42.657	ng	97
80) Benzo(a)anthracene	14.01	228	636874	42.006	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	233582	42.026	ng	98
82) Chrysene	14.05	228	611614	42.372	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	511136	41.369	ng	# 99
84) Di-n-octyl phthalate	14.59	149	824054	41.420	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	447120	38.723	ng	97
87) Benzo(b)fluoranthene	15.06	252	505464	41.343	ng	97
88) Benzo(k)fluoranthene	15.09	252	513969	42.562	ng	99
89) Benzo(a)pyrene	15.43	252	471861	42.045	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	366057	40.757	ng	97
91) Benzo(g,h,i)perylene	17.43	276	373482	42.068	ng	95

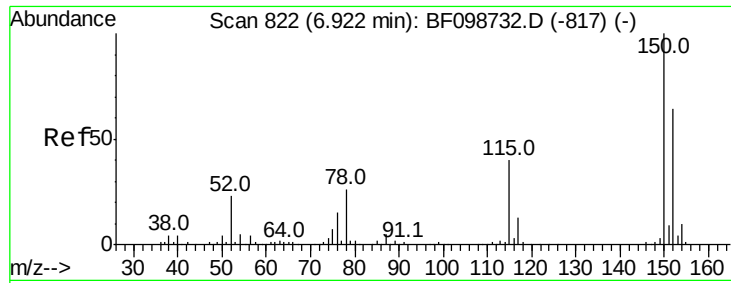
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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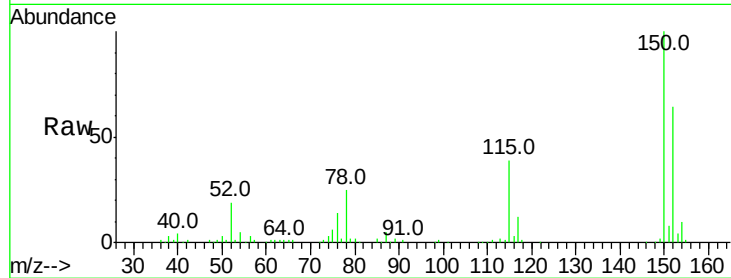


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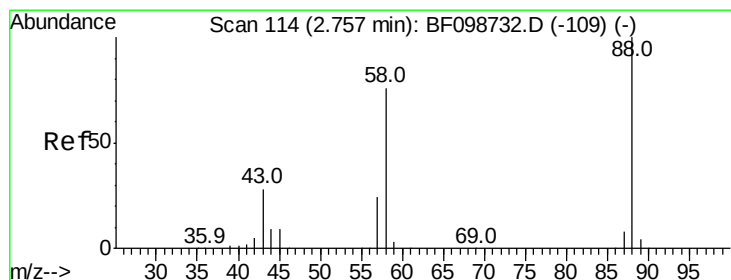
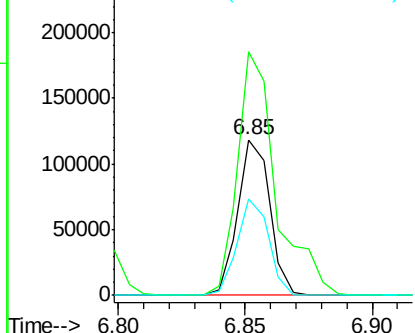
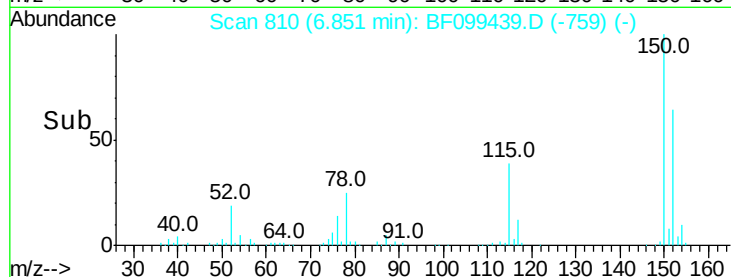
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 104026
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 61.7 50.1 75.1



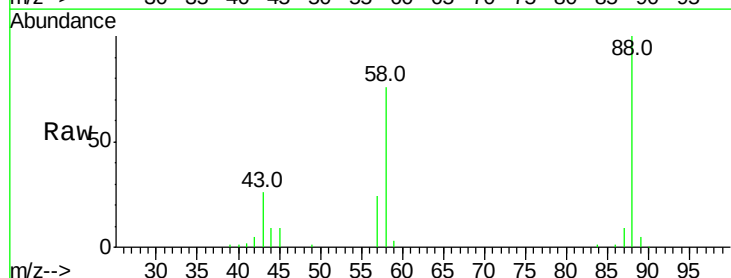
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



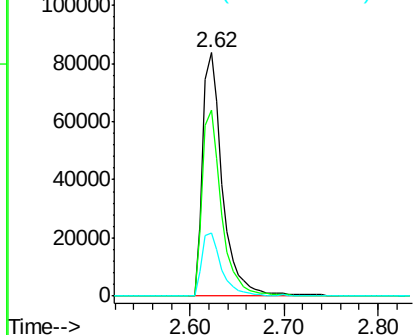
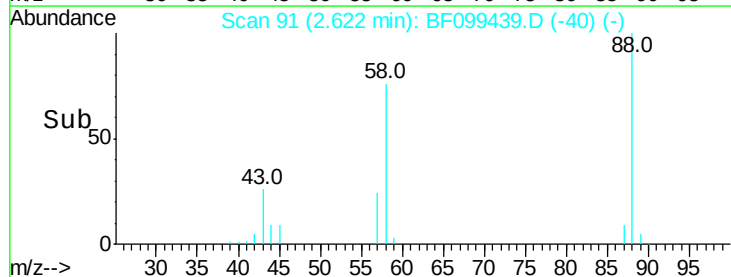
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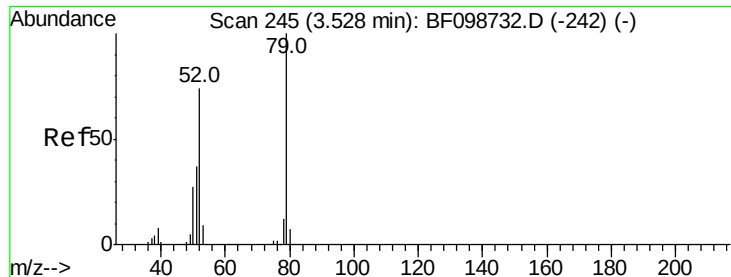
1,4-Dioxane
 Concen: 39.667 ng
 RT: 2.62 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion: 88 Resp: 123824
 Ion Ratio Lower Upper
 88 100
 58 74.4 62.6 93.8
 43 25.6 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: 37.138 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

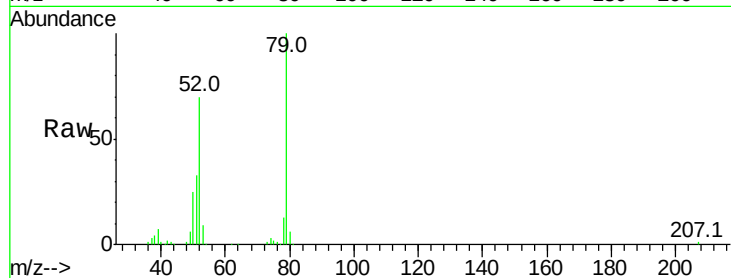
Tot Ion: 79 Resp: 313610

Ion Ratio Lower Upper

79 100

52 70.2 59.8 89.6

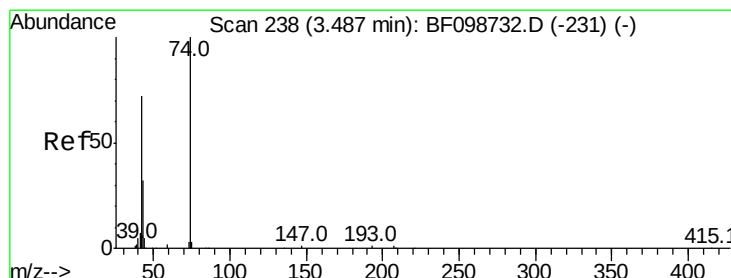
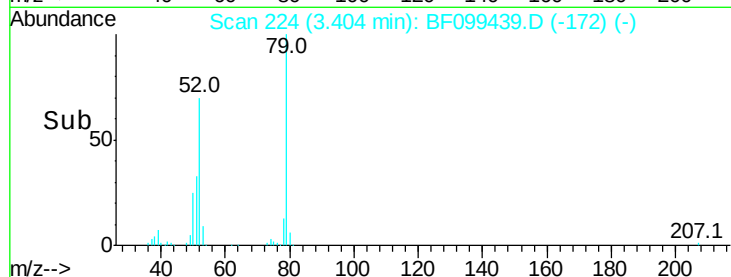
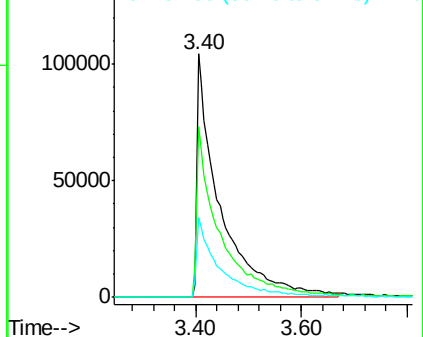
51 32.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.759 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

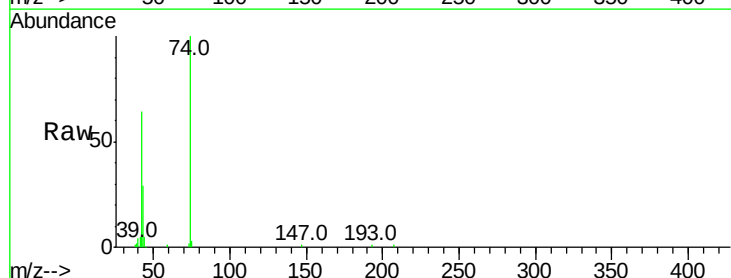
Tgt Ion: 42 Resp: 124466

Ion Ratio Lower Upper

42 100

74 155.7 104.9 157.3

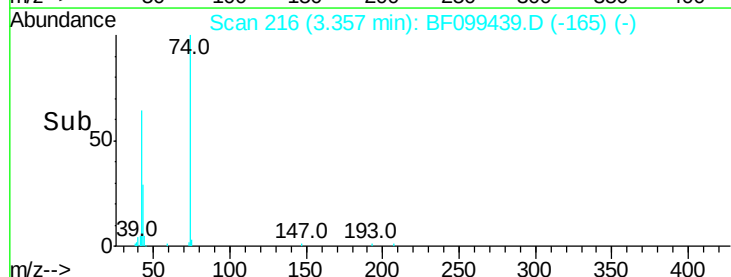
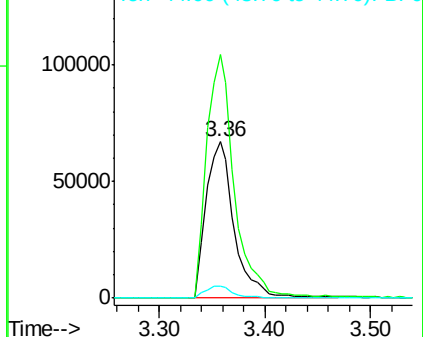
44 7.4 6.9 10.3

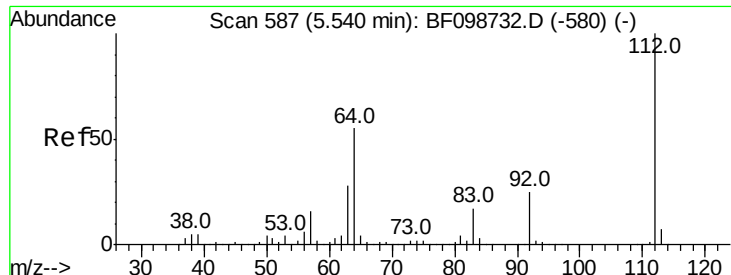


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

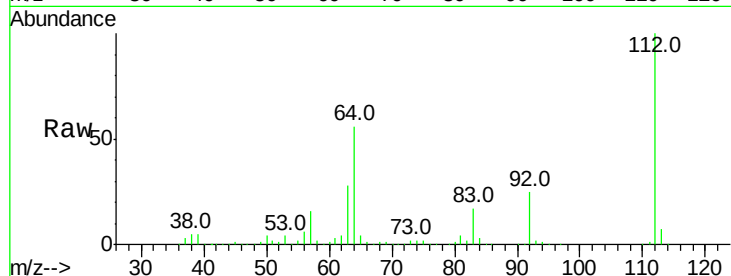




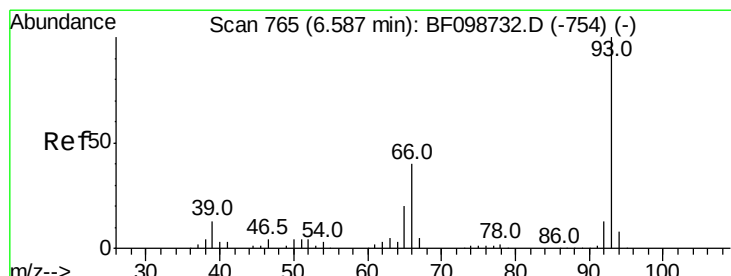
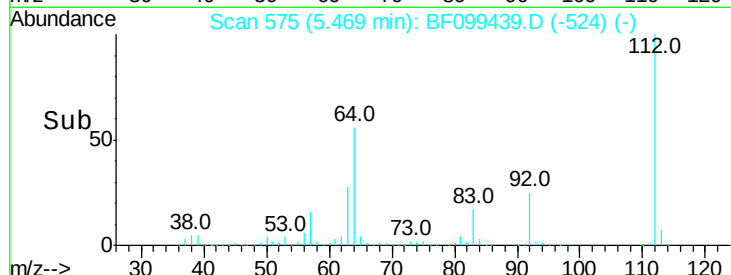
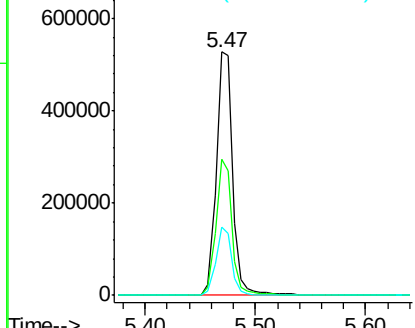
#5
 2-Fluorophenol
 Concen: 83.141 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 543304
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.8 23.7 35.5

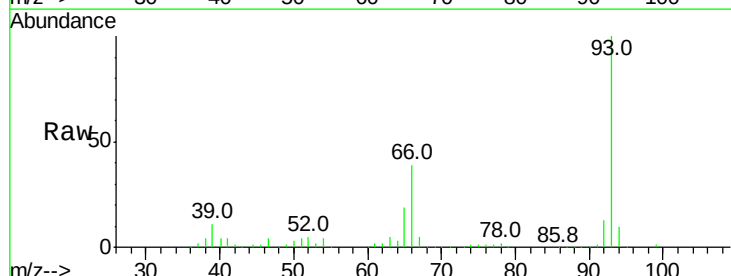


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

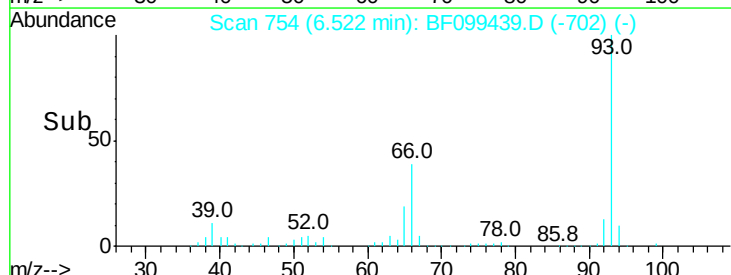
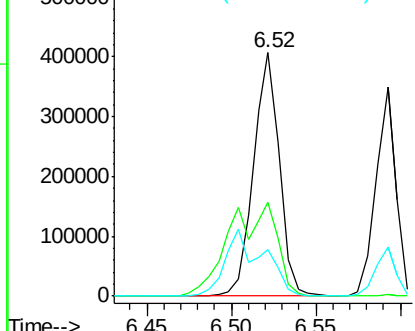


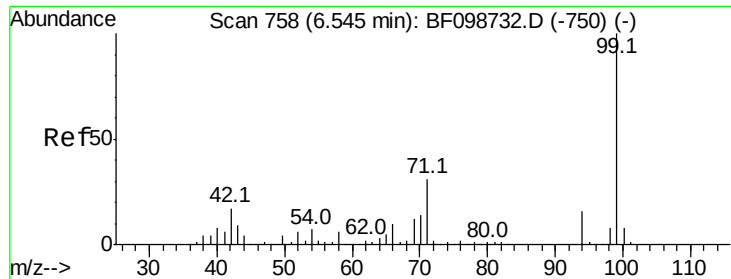
#6
 Aniline
 Concen: 39.927 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion: 93 Resp: 434399
 Ion Ratio Lower Upper
 93 100
 66 38.6 32.2 48.2
 65 19.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.994 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

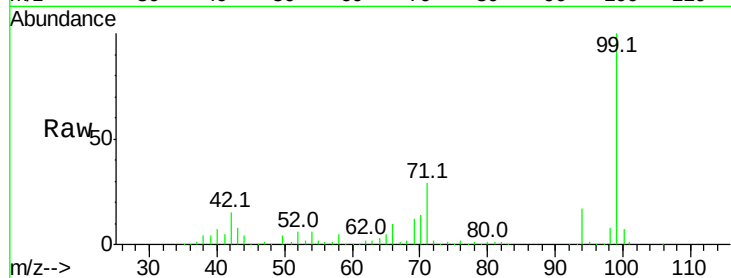
Tot Ion: 99 Resp: 660981

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

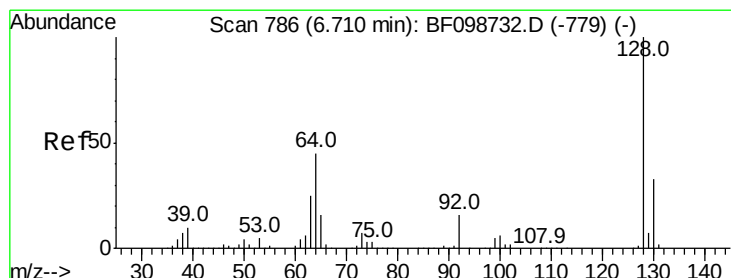
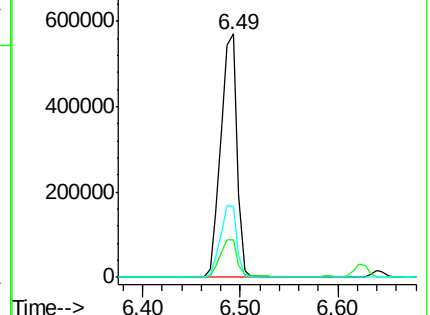
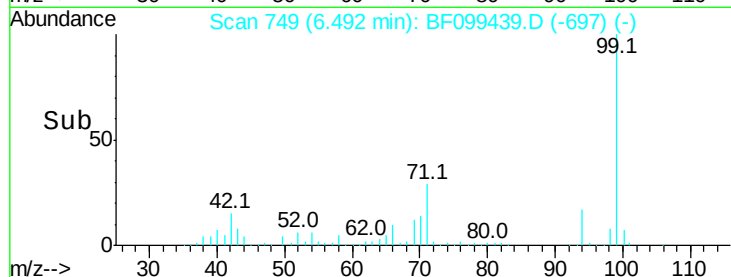
71 29.1 25.4 38.0



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: 42.049 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

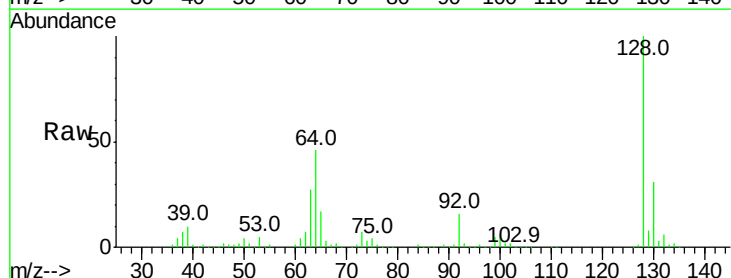
Tgt Ion: 128 Resp: 311175

Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

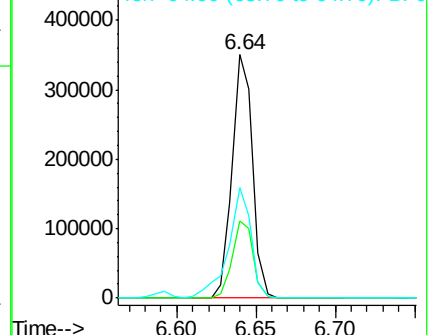
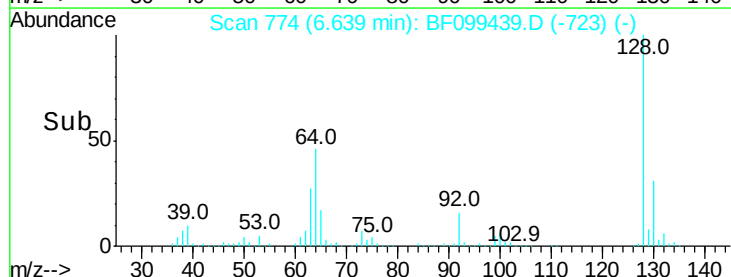
64 45.5 29.4 69.4

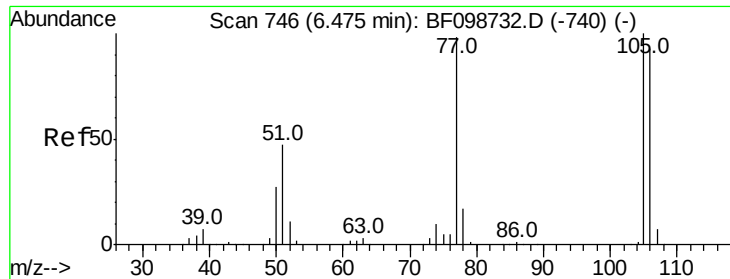


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

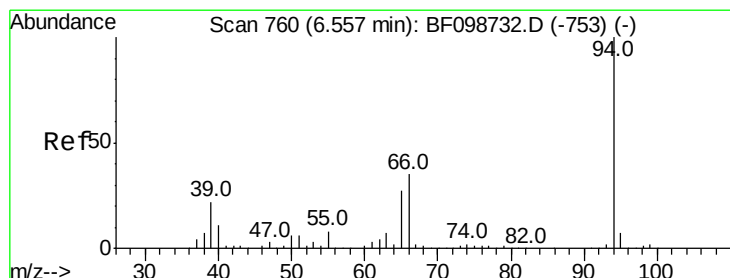
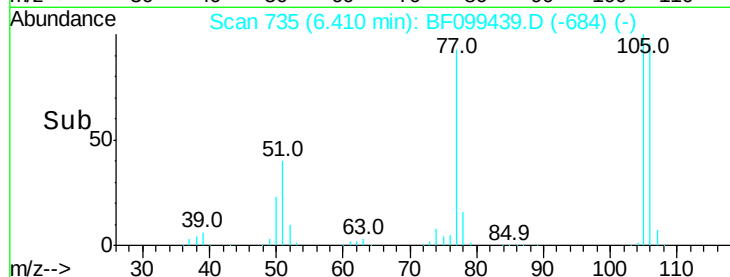
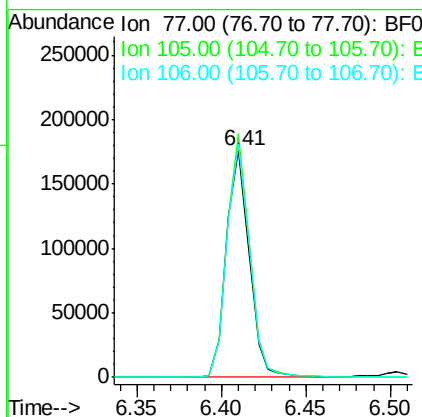
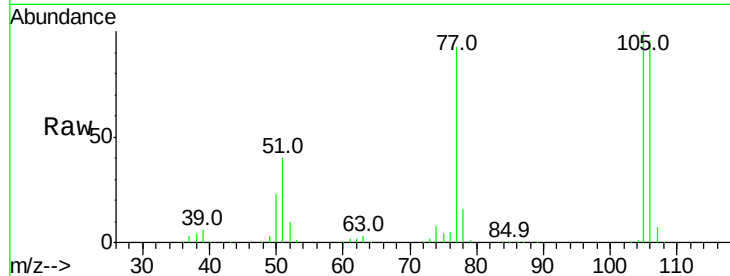




#9
Benzaldehyde
Concen: 35.522 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
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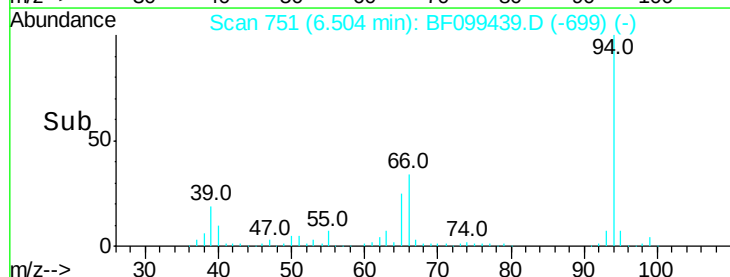
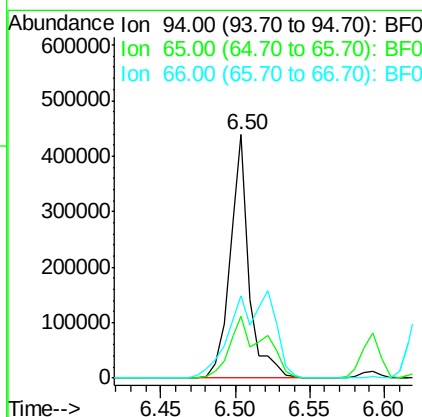
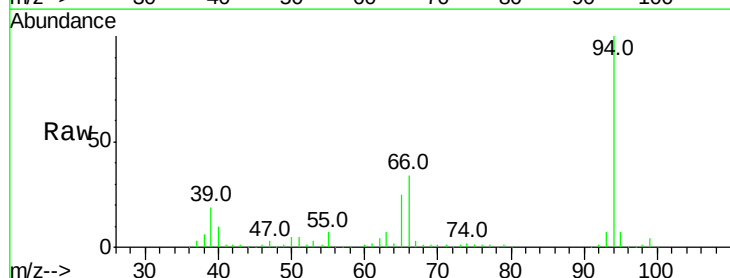
Instrument :
BNA_F
ClientSampled :

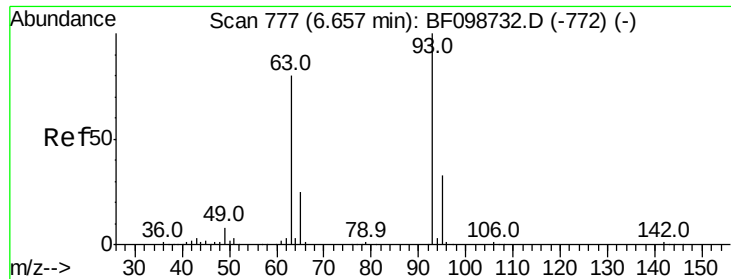
Tot Ion: 77 Resp: 166107
Ion Ratio Lower Upper
77 100
105 107.4 81.1 121.1
106 103.1 74.5 114.5



#10
Phenol
Concen: 43.461 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion: 94 Resp: 391829
Ion Ratio Lower Upper
94 100
65 25.5 7.9 47.9
66 33.8 16.2 56.2

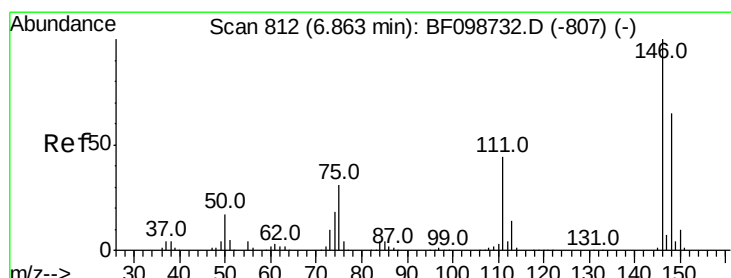
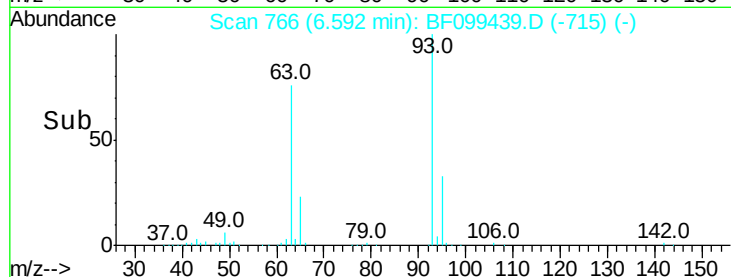
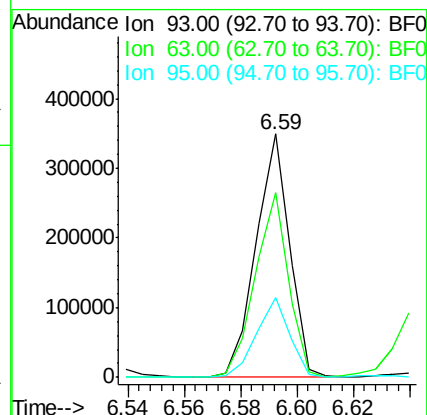
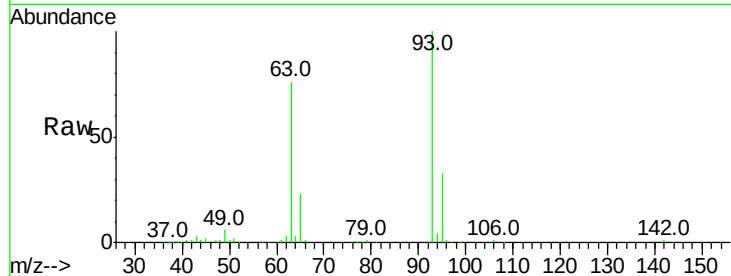




#11
bis(2-Chloroethyl)ether
Concen: 40.883 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

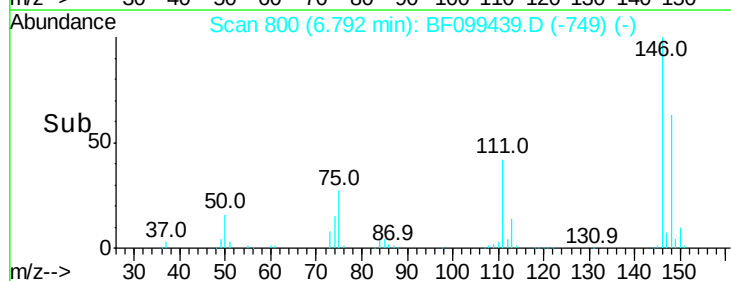
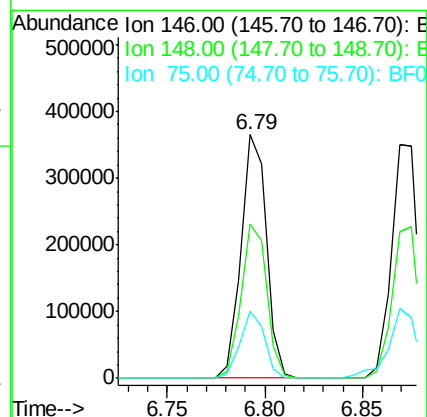
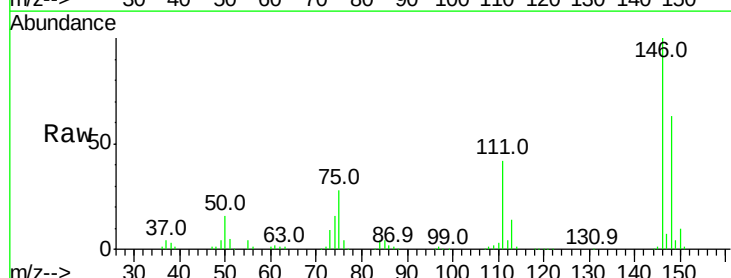
Instrument :
BNA_F
ClientSampleId :

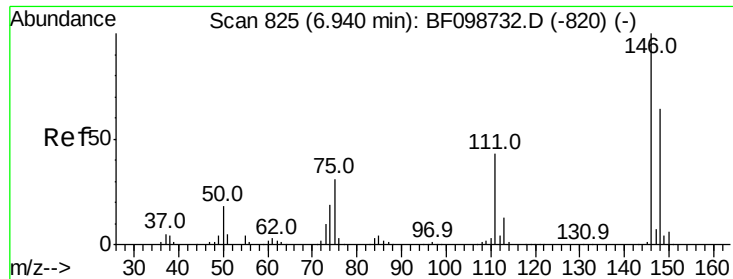
Tot Ion: 93 Resp: 286542
Ion Ratio Lower Upper
93 100
63 75.9 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.405 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion: 146 Resp: 328648
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 27.6 24.2 36.4

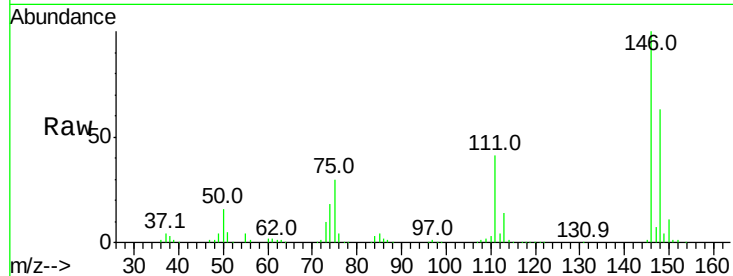




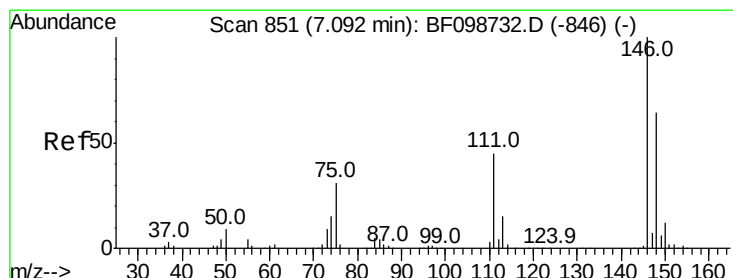
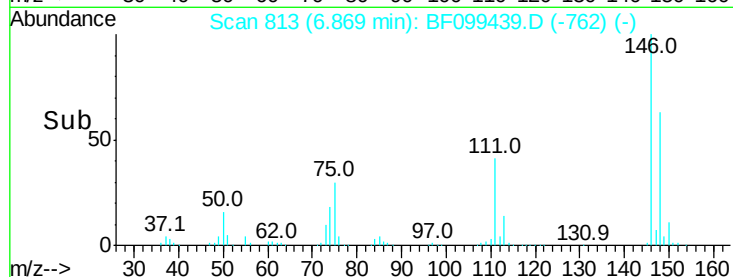
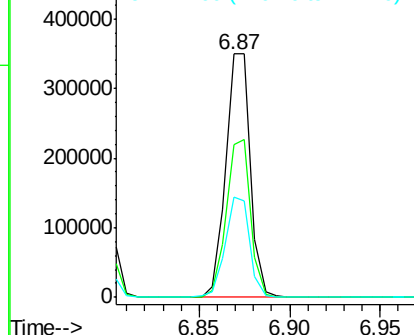
#13
 1,4-Dichlorobenzene
 Concen: 41.898 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 330375
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 41.4 34.2 51.2

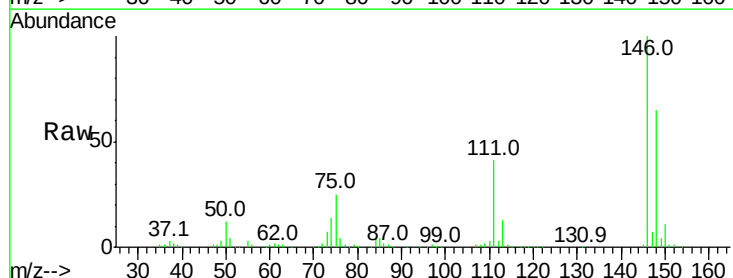


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

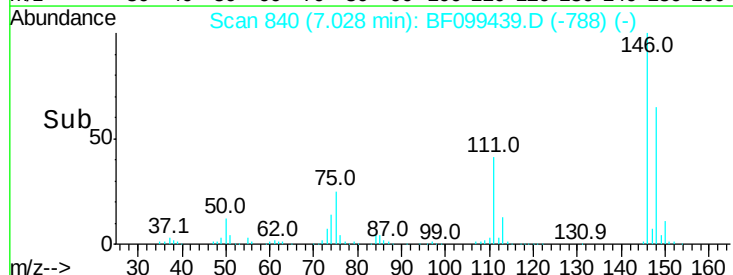
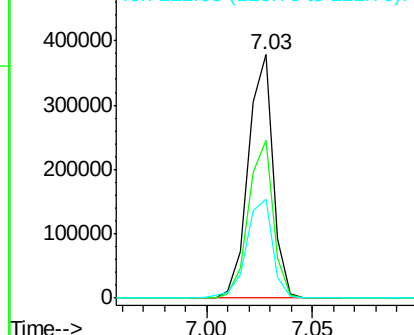


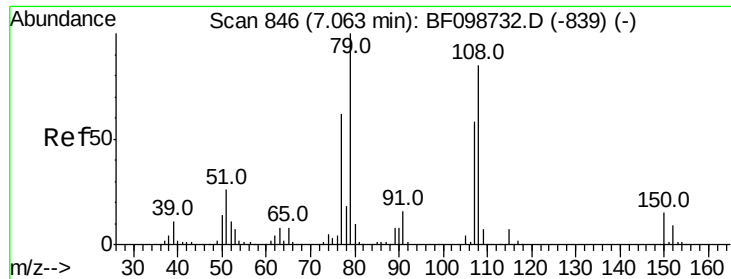
#14
 1,2-Dichlorobenzene
 Concen: 42.040 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:146 Resp: 306304
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 40.8 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

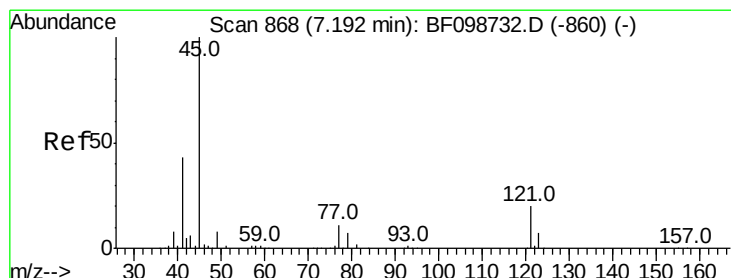
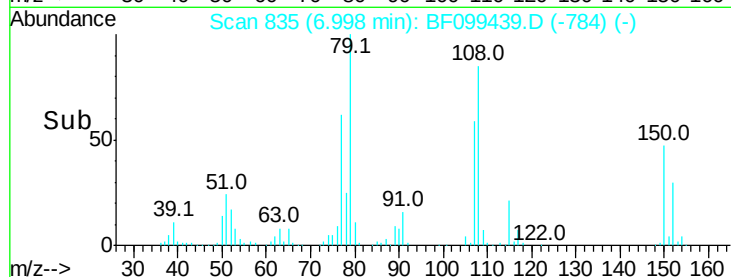
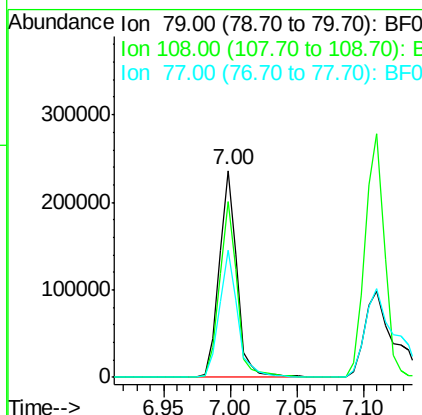
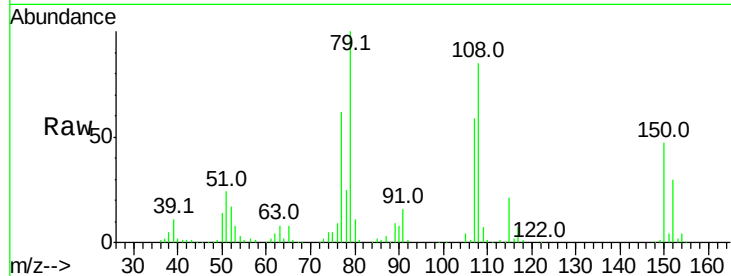




#15
Benzyl Alcohol
Concen: 37.665 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

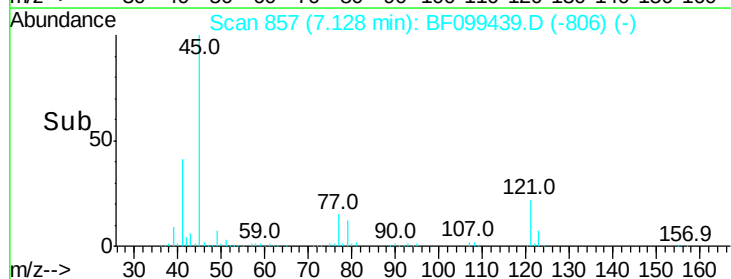
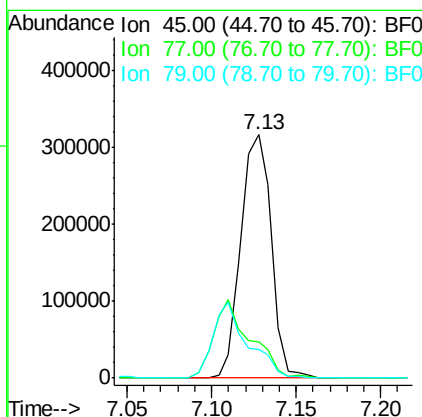
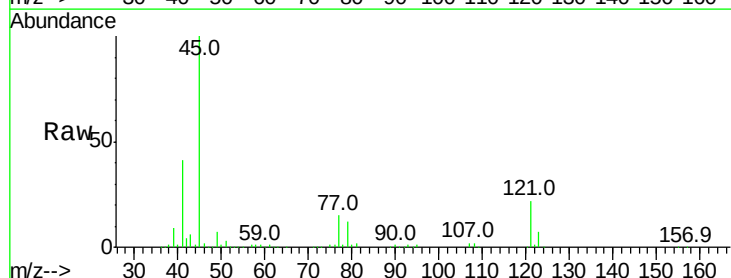
Instrument :
BNA_F
ClientSampleId :

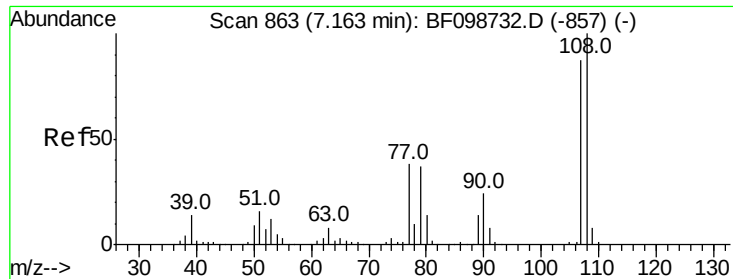
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.2	65.1	97.7
77	61.6	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.426 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.9
79	11.6	0.0	29.6

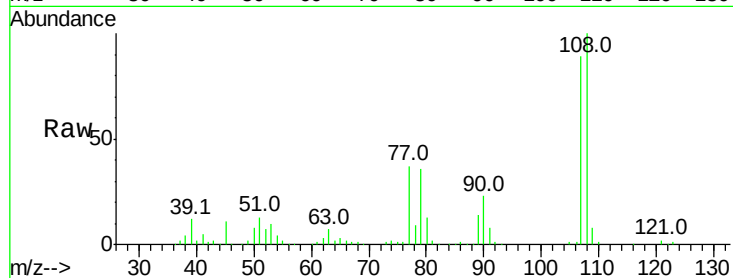




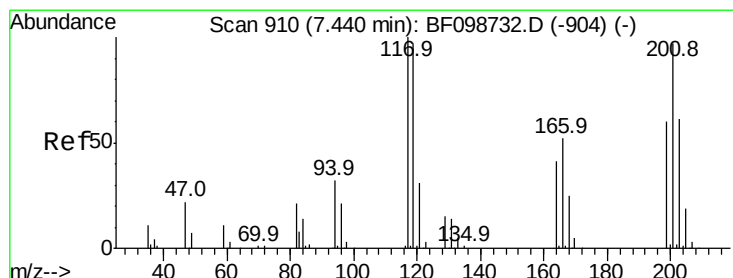
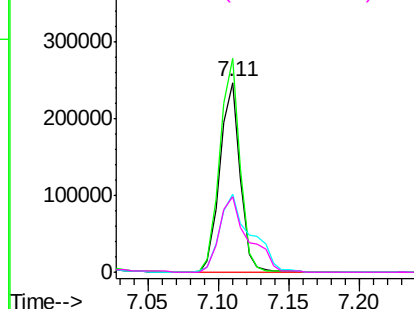
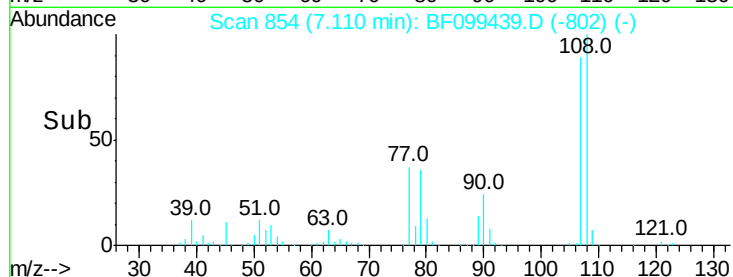
#17
2-Methylphenol
Concen: 40.899 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 247646
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 41.2 33.8 50.8
79 40.1 33.8 50.8

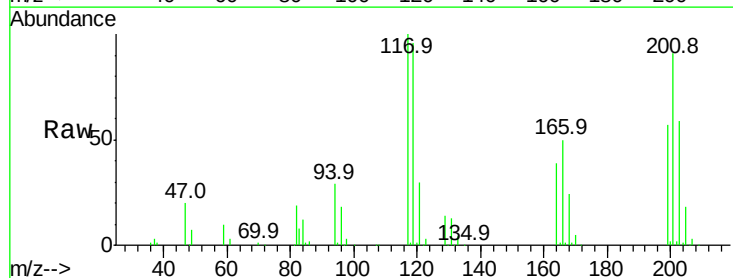


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

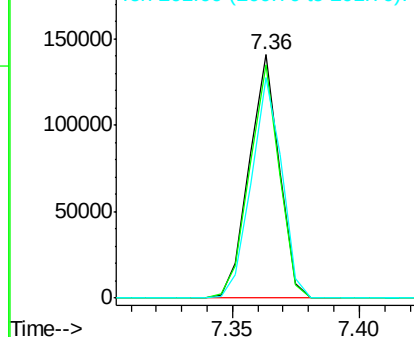
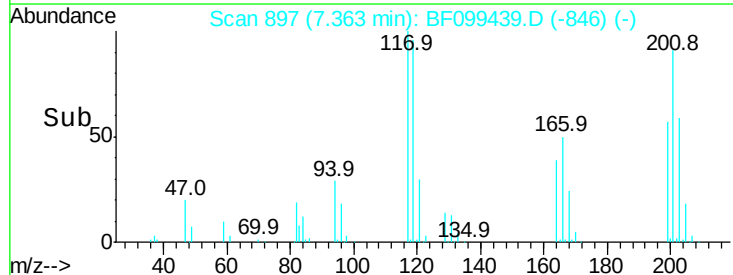


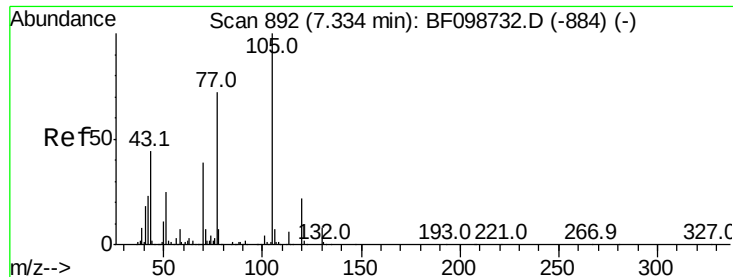
#18
Hexachloroethane
Concen: 40.859 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:117 Resp: 115806
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 90.8 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

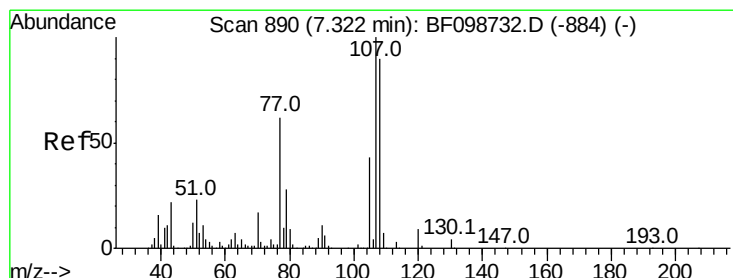
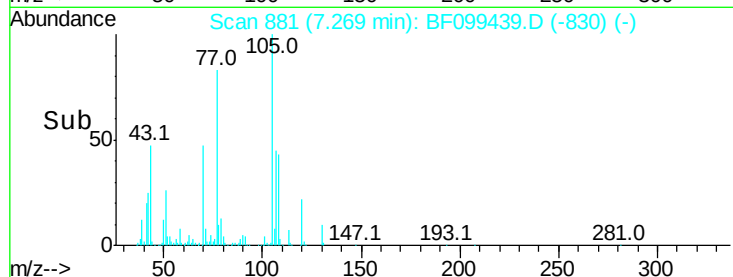
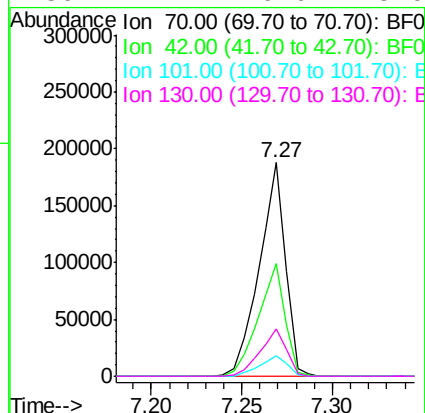
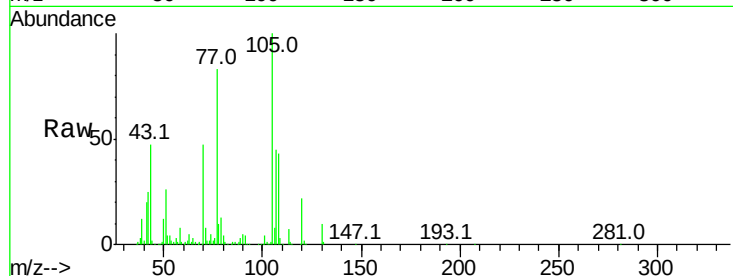




#19
n-Nitroso-di-n-propylamine
Concen: 36.501 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

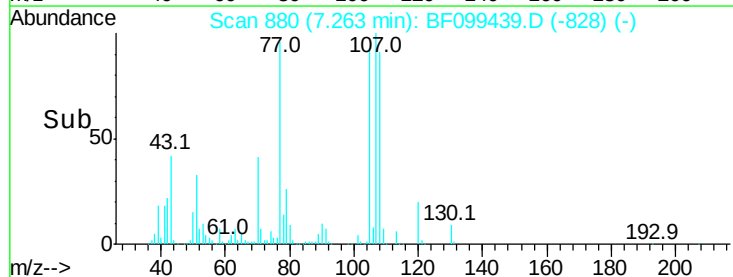
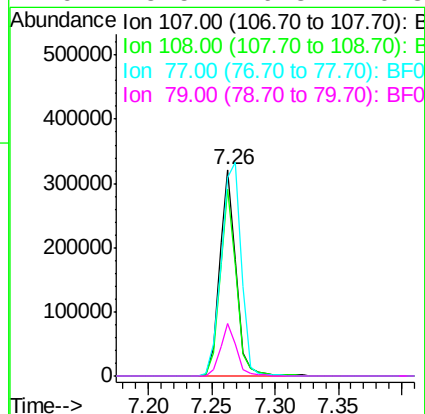
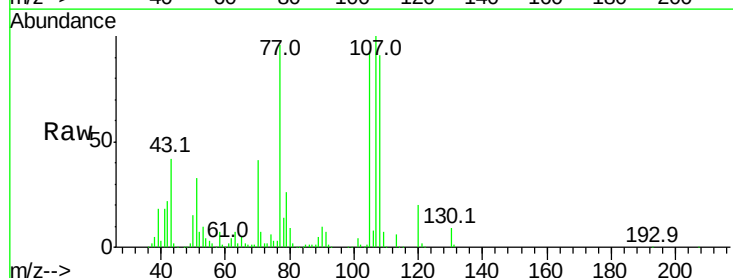
Instrument :
BNA_F
ClientSampleId :

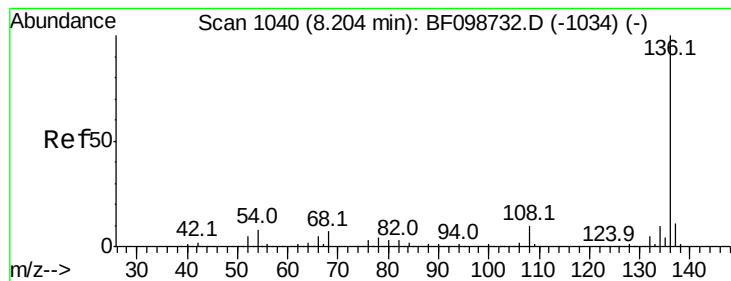
Tot Ion:	70	Resp:	187862
Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	9.5	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.094 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:	107	Resp:	291805
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	96.0	26.7	66.7#
79	25.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435329

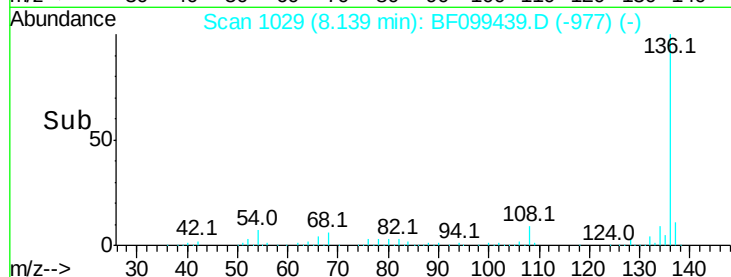
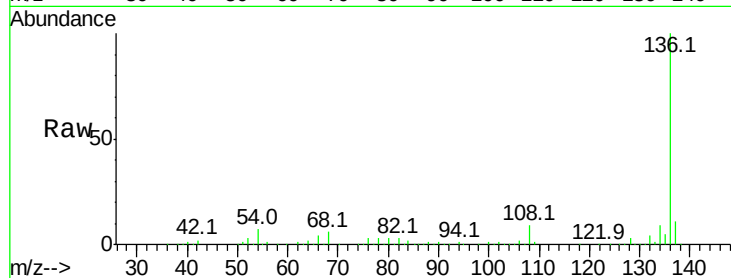
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

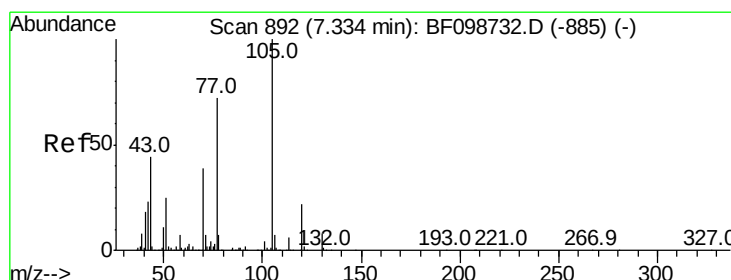
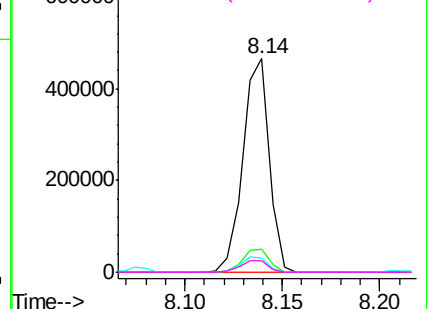


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.042 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Tgt Ion:105 Resp: 401236

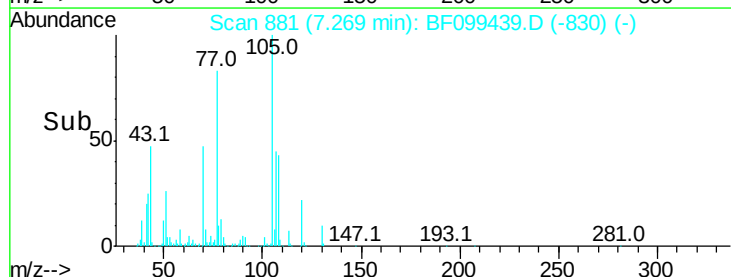
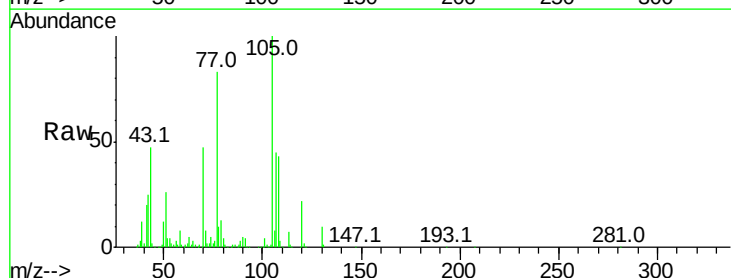
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 26.3 22.3 33.5

120 21.9 16.9 25.3

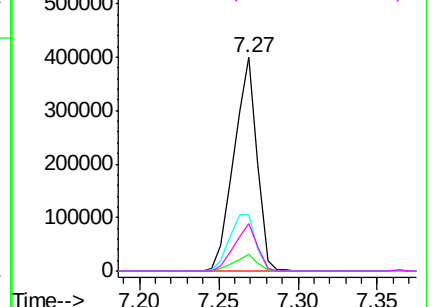


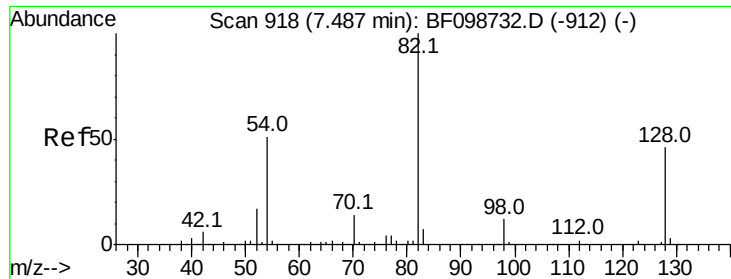
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

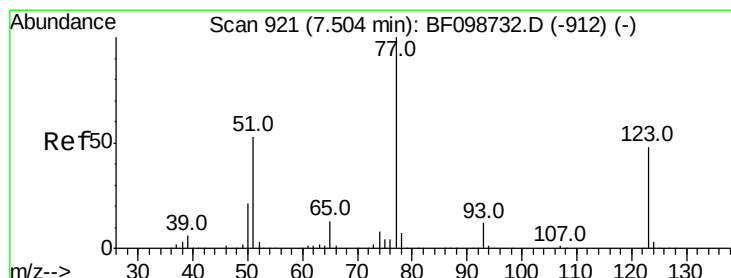
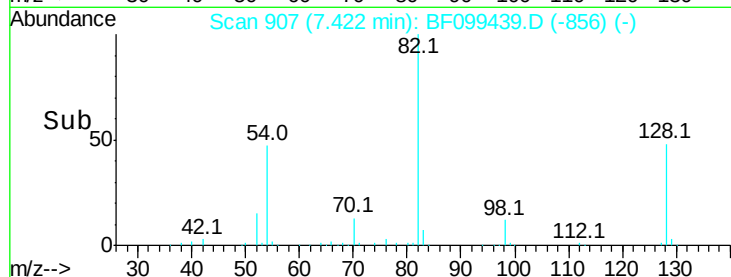
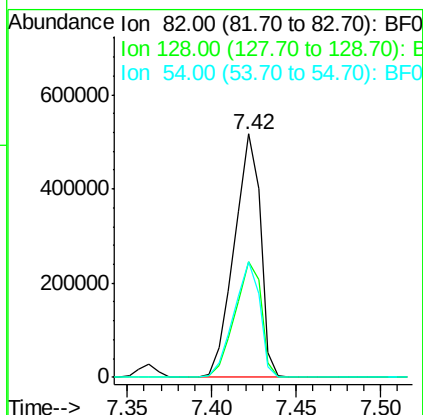
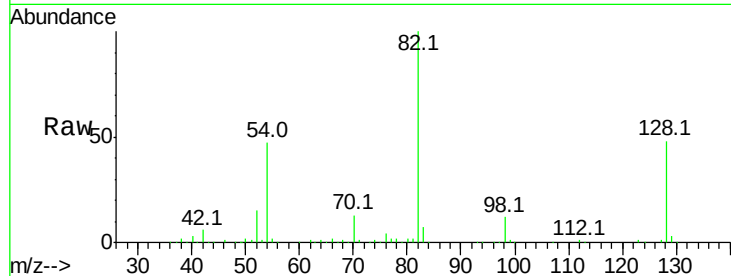




#23
 Nitrobenzene-d5
 Concen: 82.066 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

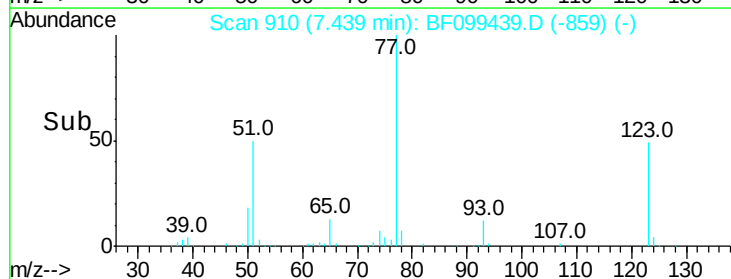
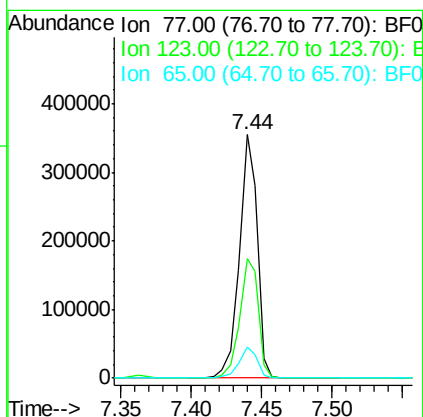
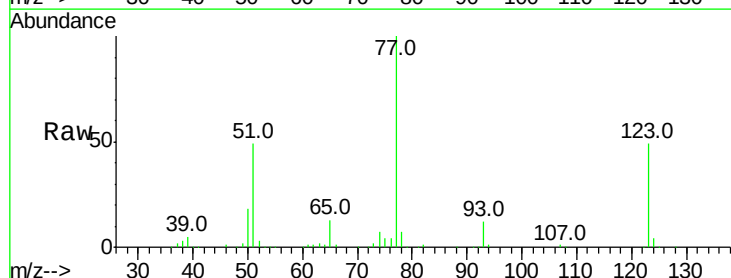
Instrument :
 BNA_F
 ClientSampleId :

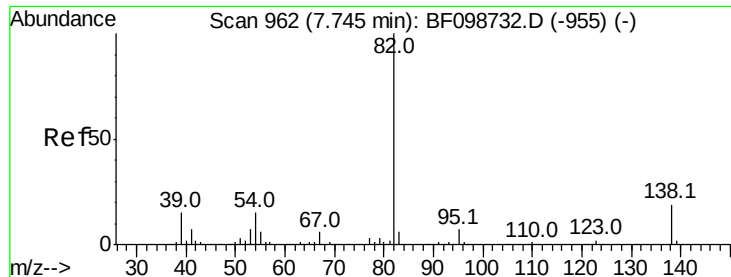
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	47.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.509 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 39.370 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

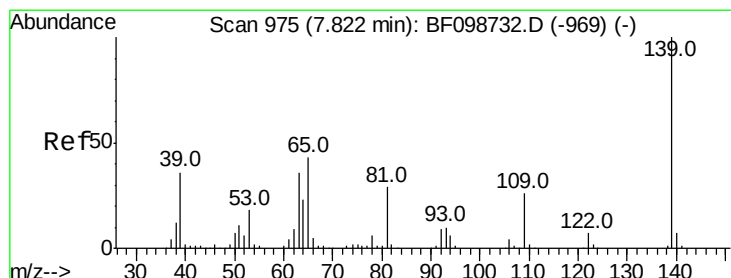
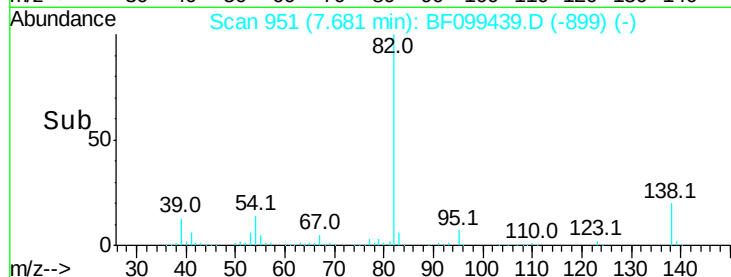
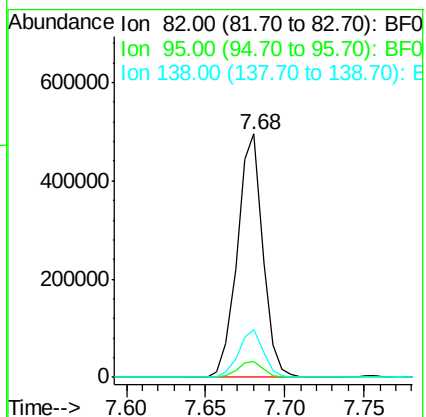
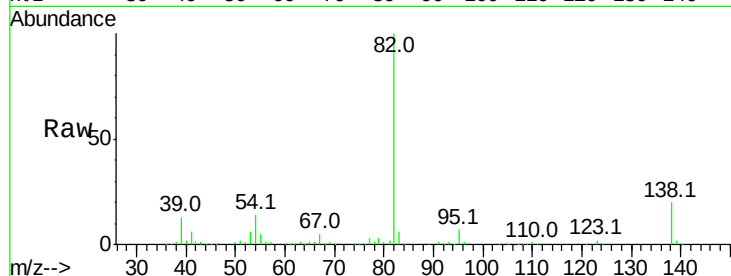
Tot Ion: 82 Resp: 552539

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 47.739 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

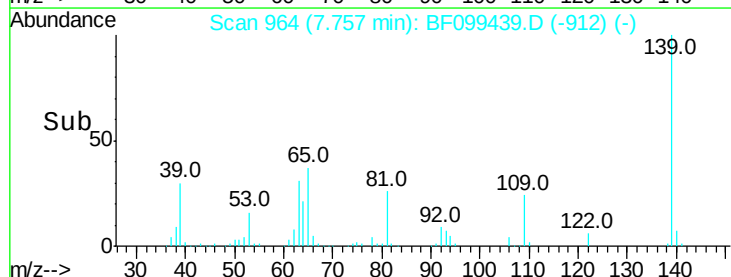
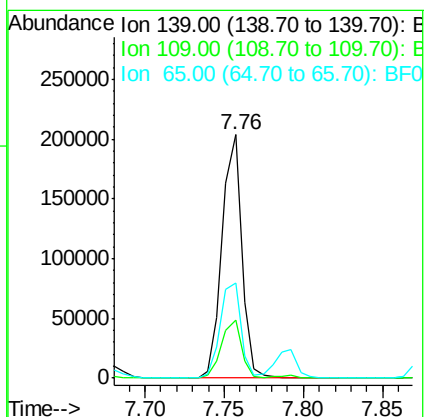
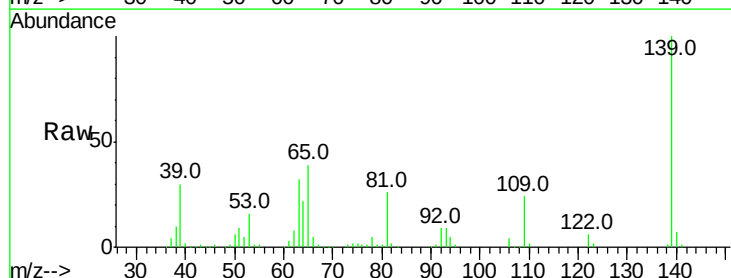
Tgt Ion: 139 Resp: 176773

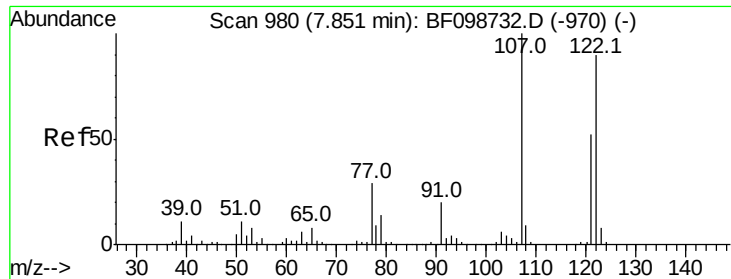
Ion Ratio Lower Upper

139 100

109 23.6 22.7 34.1

65 39.2 40.5 60.7#

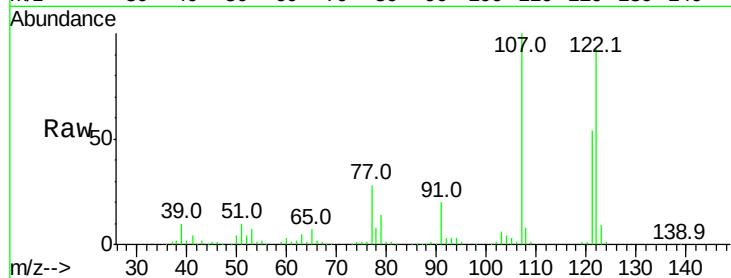




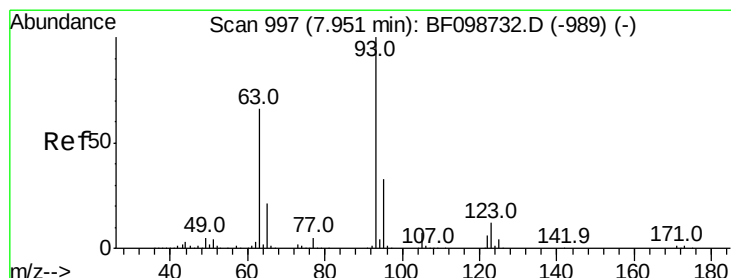
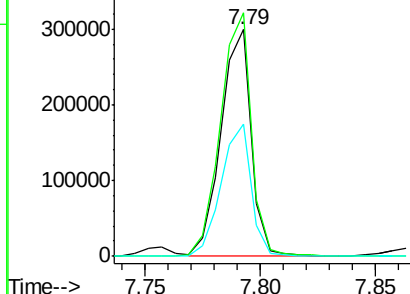
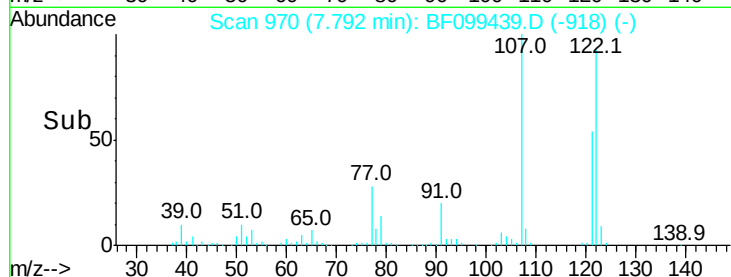
#27
 2,4-Dimethylphenol
 Concen: 38.840 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 271612
 Ion Ratio Lower Upper
 122 100
 107 107.5 91.2 136.8
 121 58.2 47.2 70.8

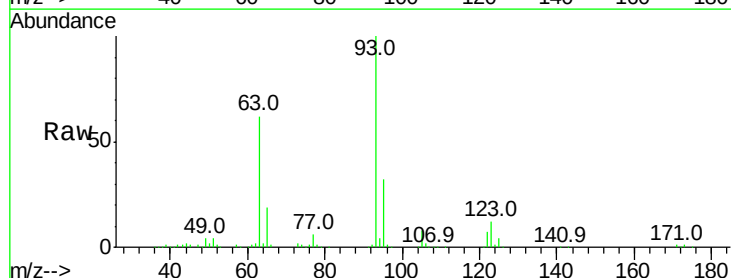


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

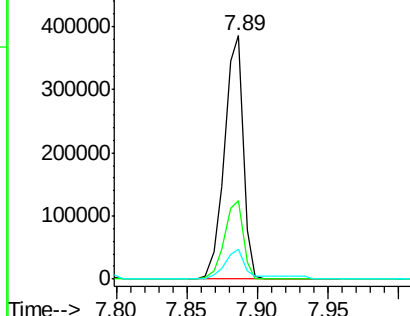
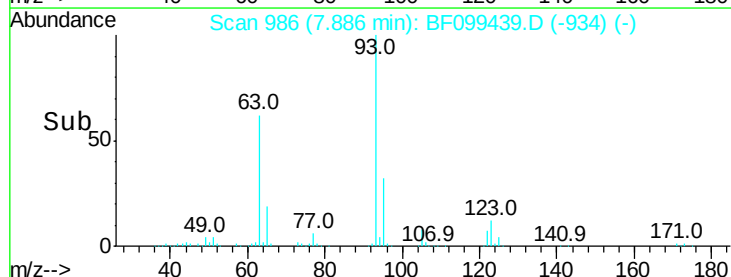


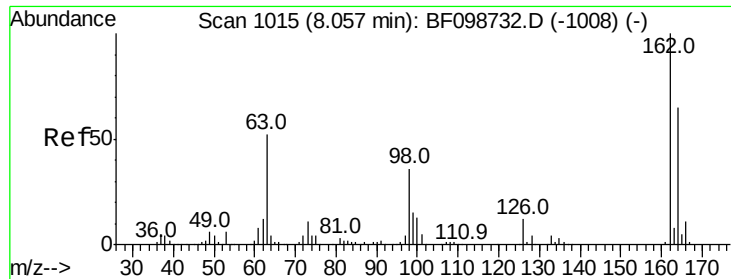
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.858 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion: 93 Resp: 357348
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 12.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

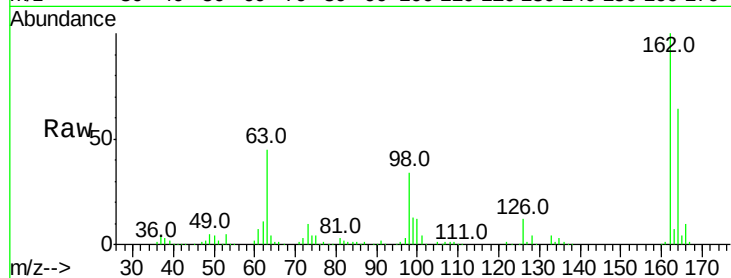




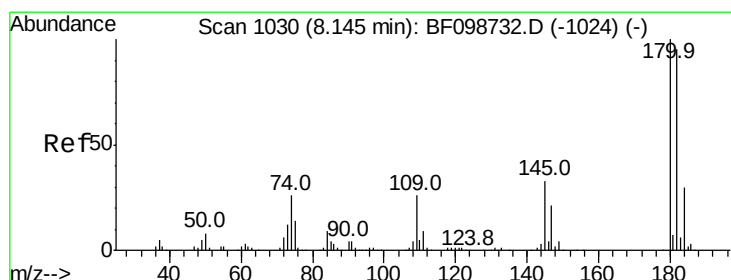
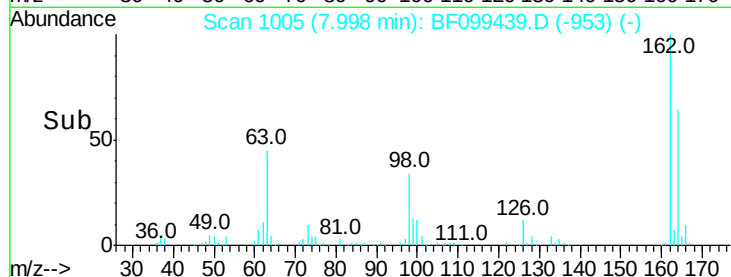
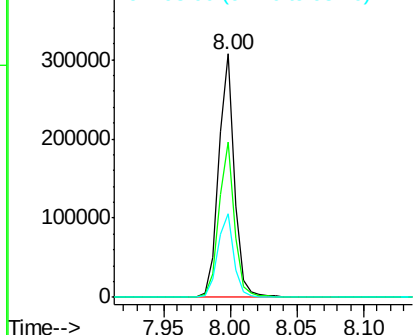
#29
 2,4-Dichlorophenol
 Concen: 42.891 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	34.1	18.1	58.1

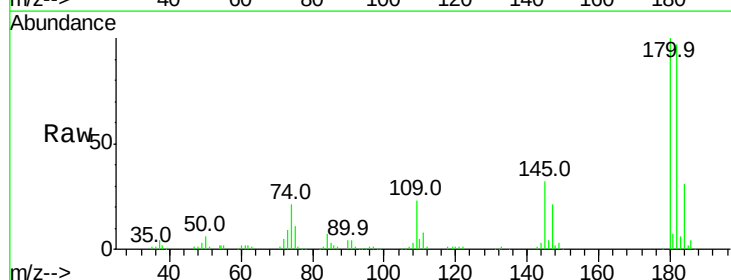


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

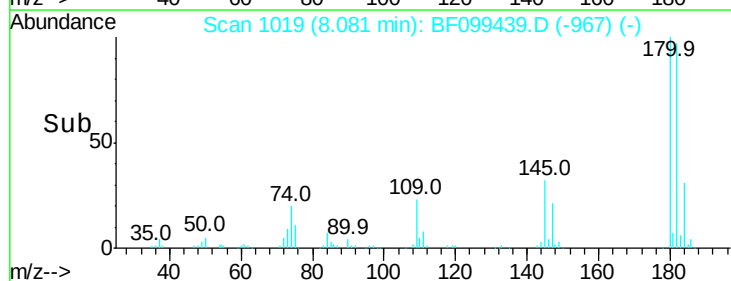
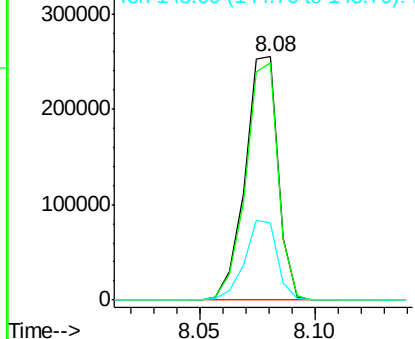


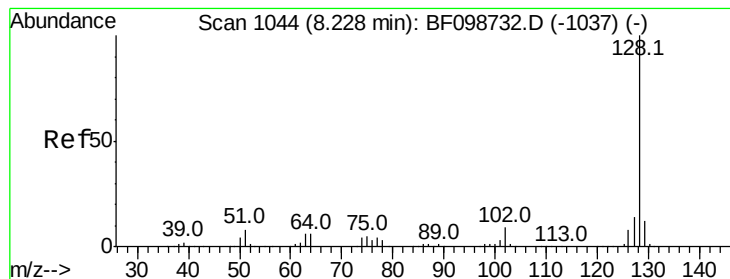
#30
 1,2,4-Trichlorobenzene
 Concen: 42.484 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	31.7	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: 41.367 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

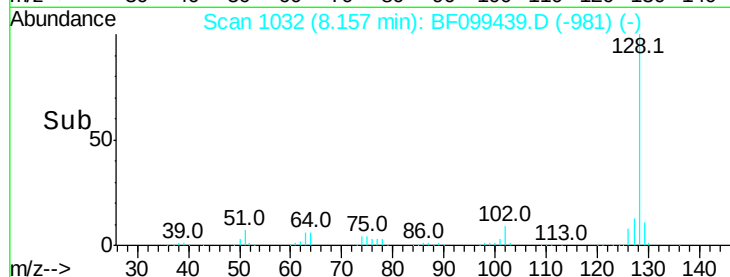
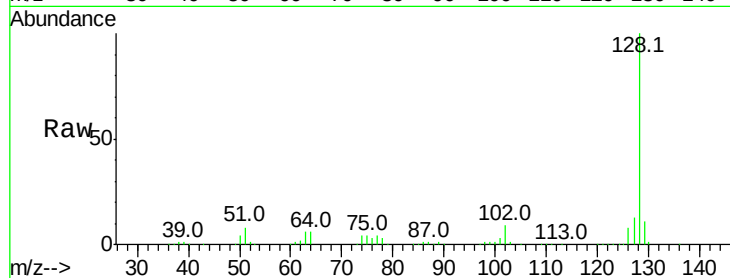
Tot Ion:128 Resp: 845784

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

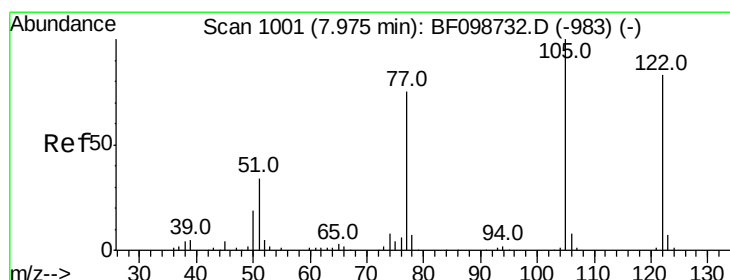
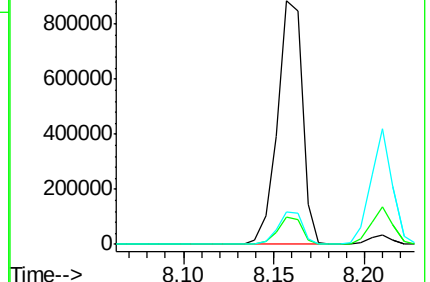
127 13.5 10.9 16.3



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: 36.321 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

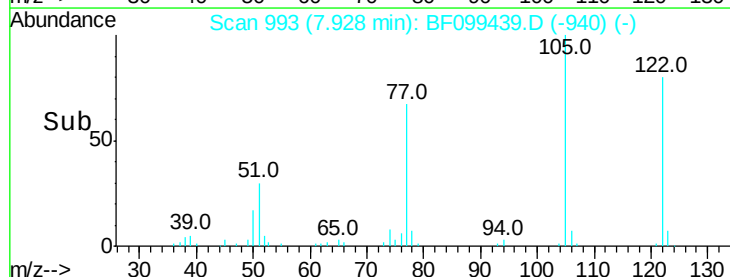
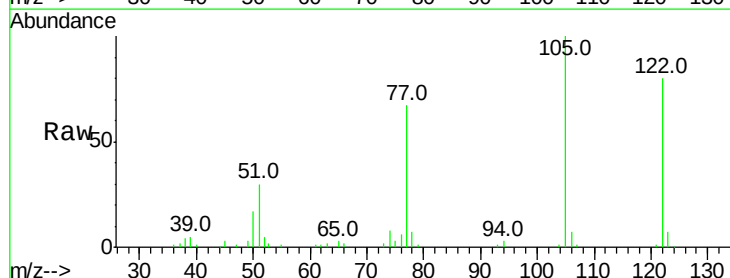
Tgt Ion:122 Resp: 208634

Ion Ratio Lower Upper

122 100

105 124.4 101.1 141.1

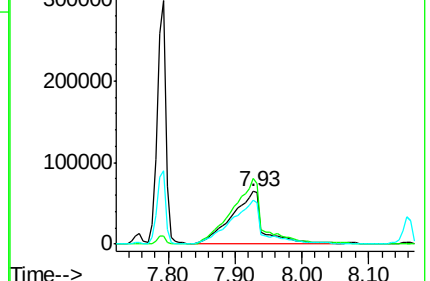
77 83.8 70.7 110.7

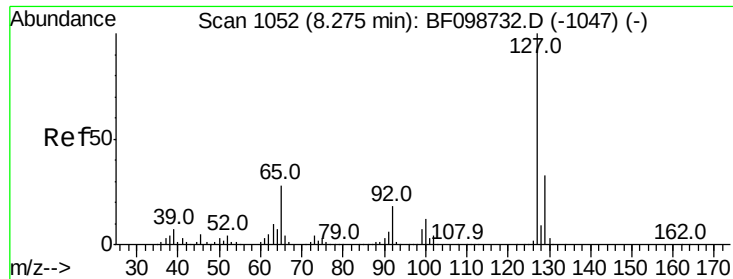


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

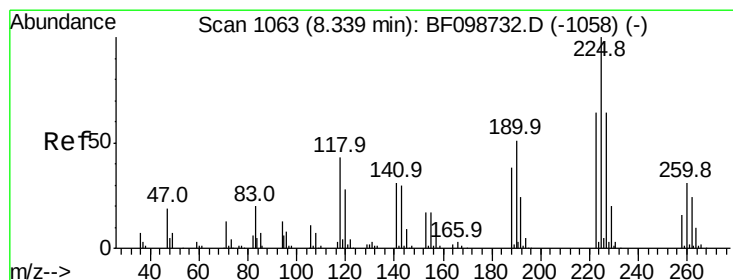
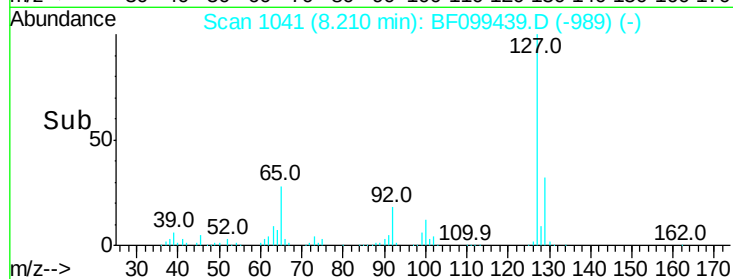
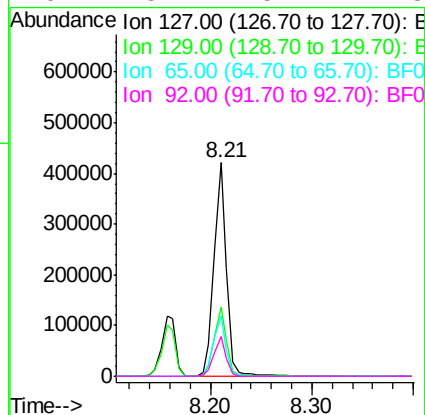
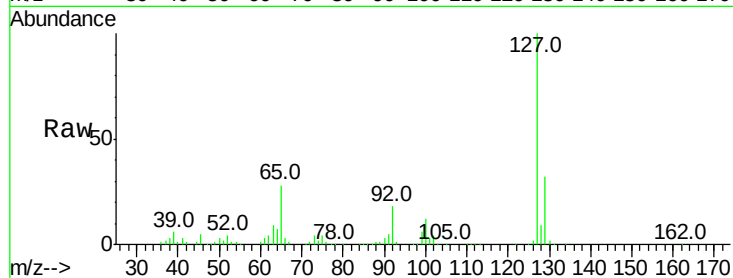




#33
4-Chloroaniline
Concen: 42.058 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

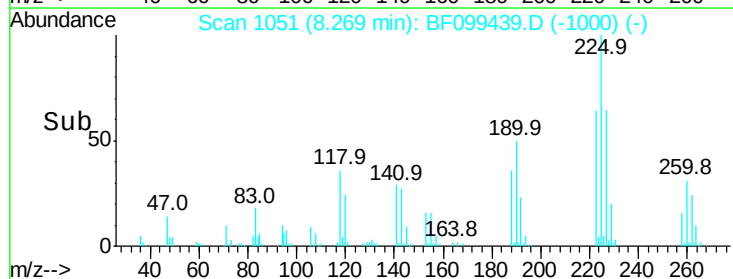
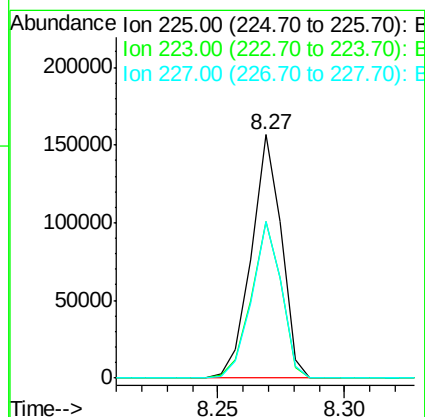
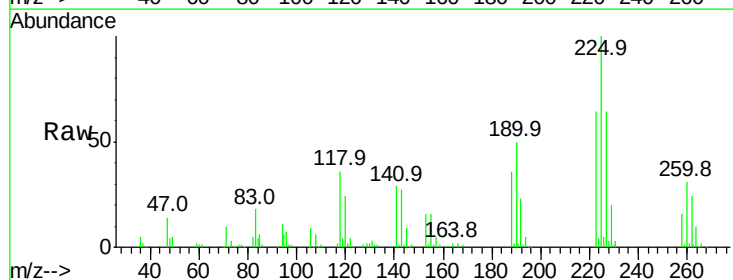
Instrument :
BNA_F
ClientSampleId :

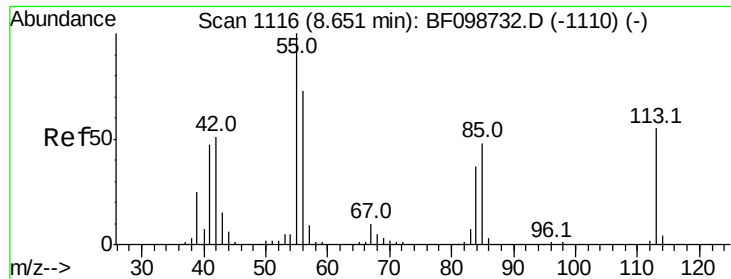
Tot Ion:	127	Resp:	359100
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	27.9	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.774 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:	225	Resp:	129208
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 42.197 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

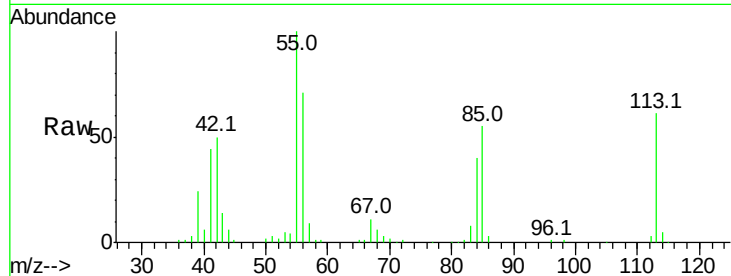
Tot Ion:113 Resp: 81269

Ion Ratio Lower Upper

113 100

55 163.6 163.3 203.3

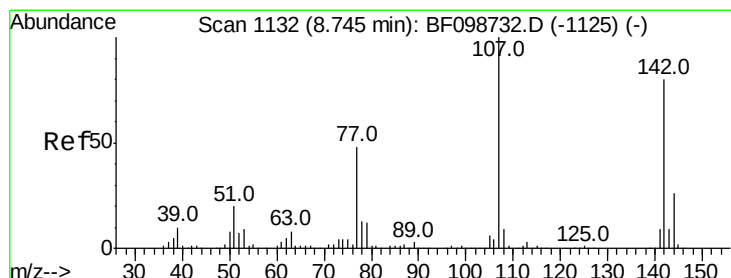
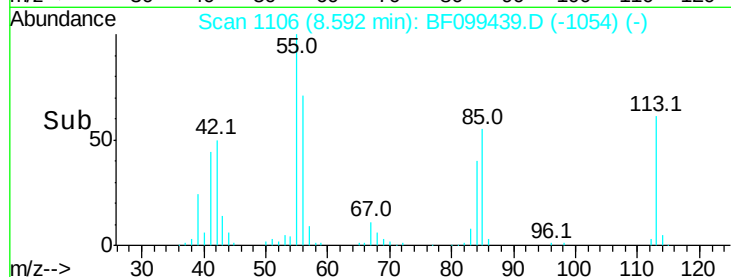
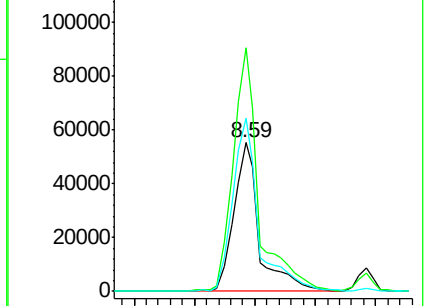
56 116.3 115.7 155.7



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: 40.972 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

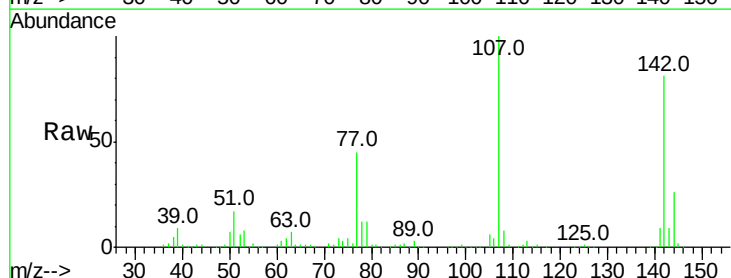
Tgt Ion:107 Resp: 276500

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

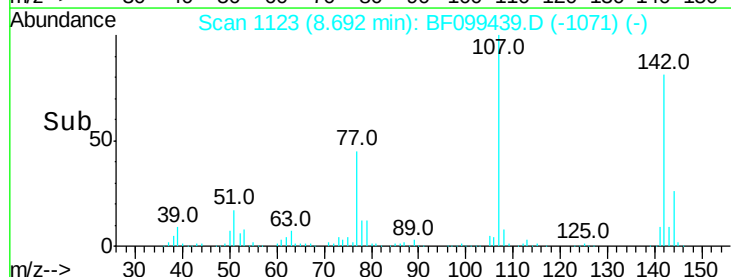
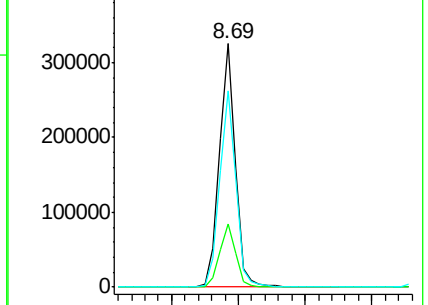
142 80.8 62.0 93.0

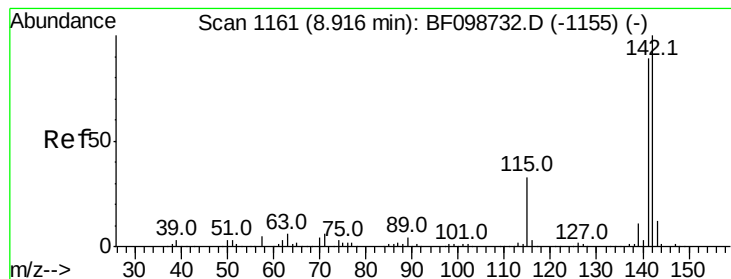


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.488 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

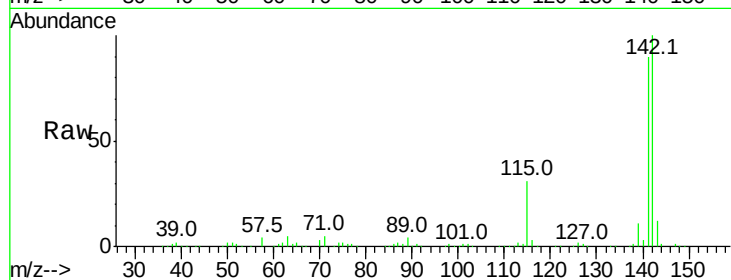
Tot Ion:142 Resp: 551437

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

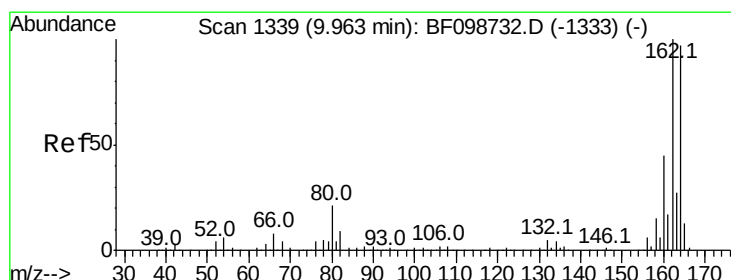
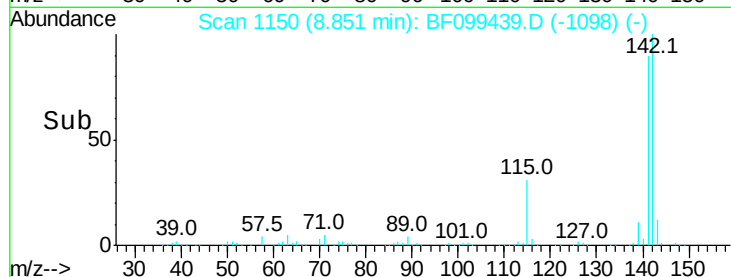
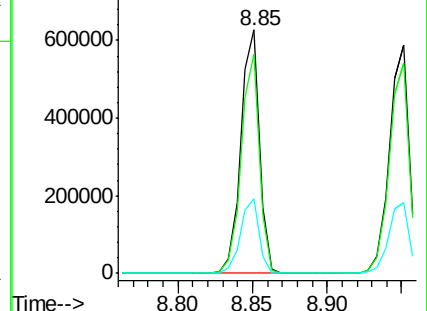
115 30.6 26.1 39.1



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: BF099439.D

Acq: 13 Oct 2017 14:58

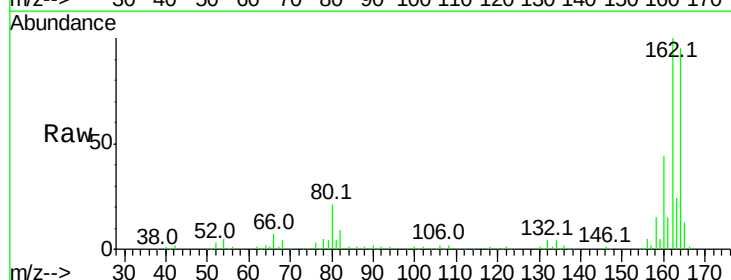
Tgt Ion:164 Resp: 196906

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

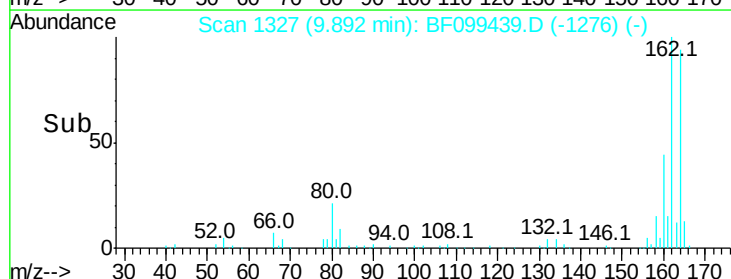
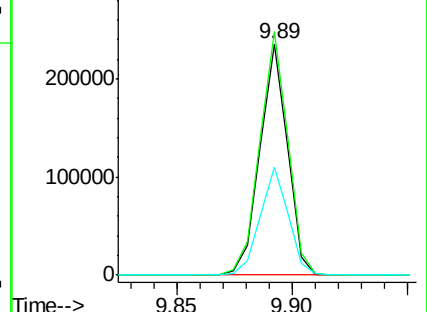
160 46.6 38.3 57.5

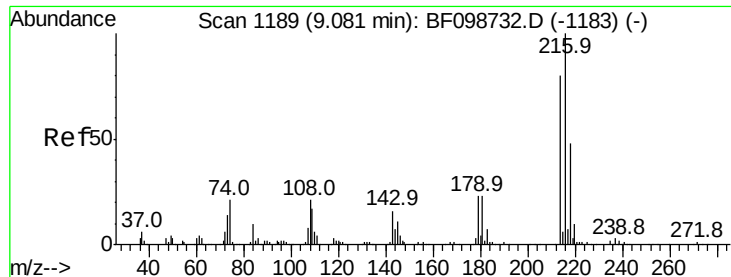


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.226 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 253834

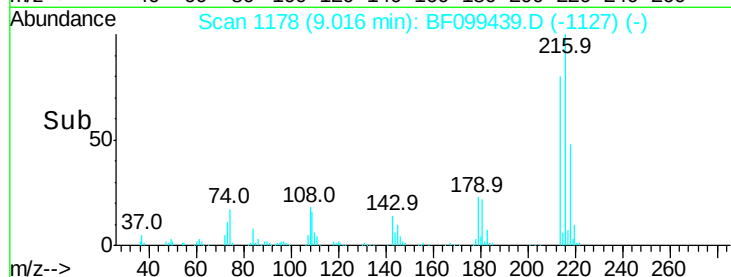
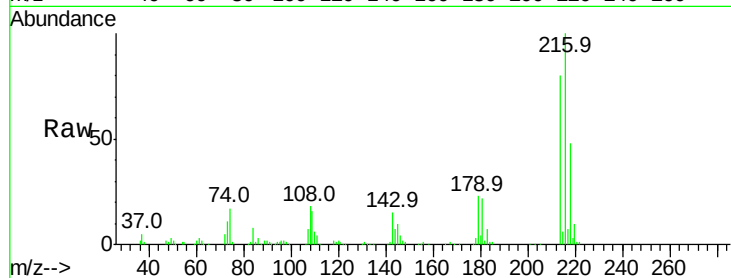
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.7 18.1 27.1

108 19.8 17.2 25.8

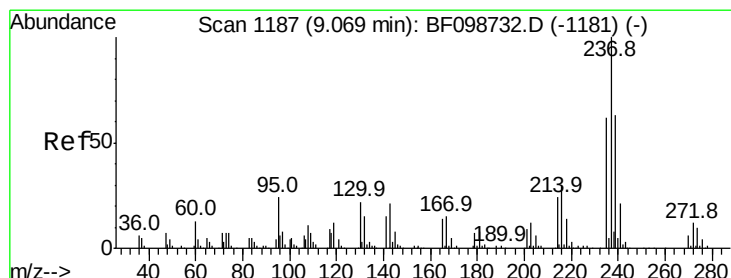
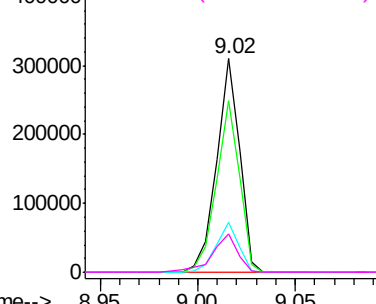


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.152 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

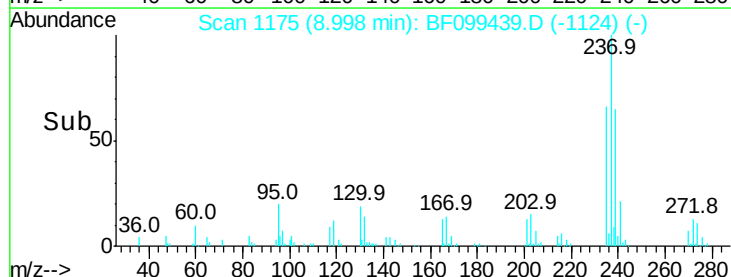
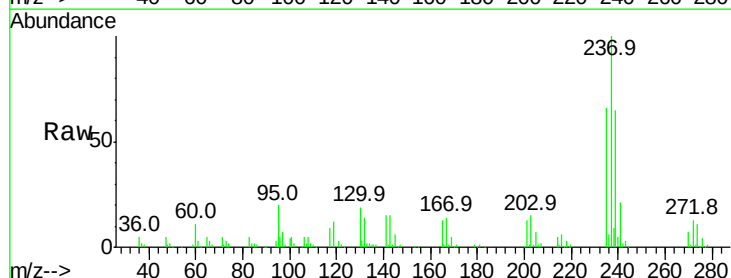
Tgt Ion:237 Resp: 107754

Ion Ratio Lower Upper

237 100

235 65.5 44.8 84.8

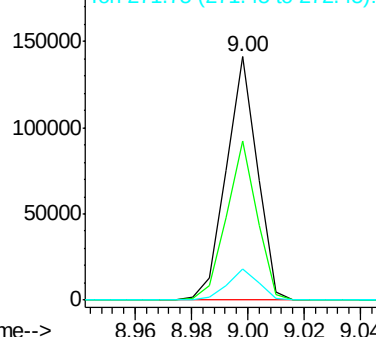
272 13.0 0.0 33.3

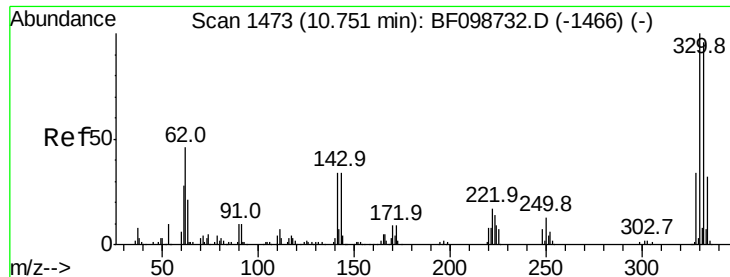


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

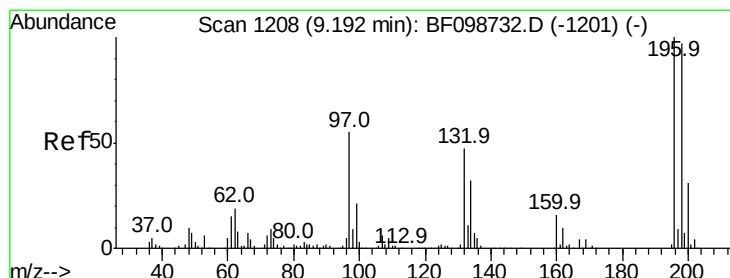
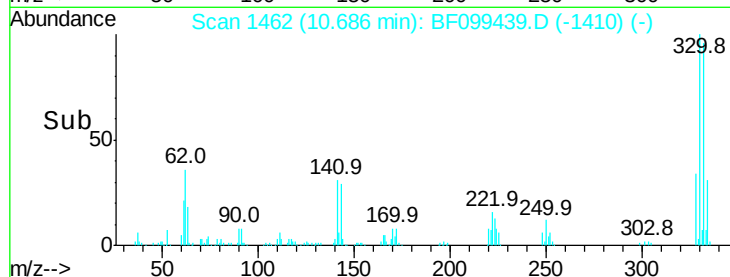
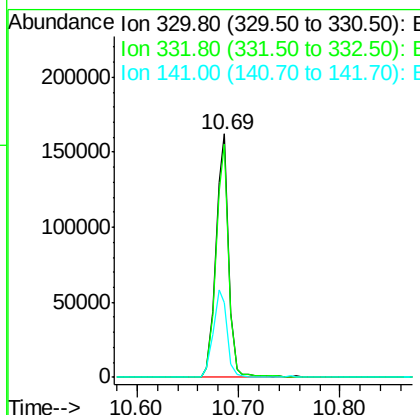
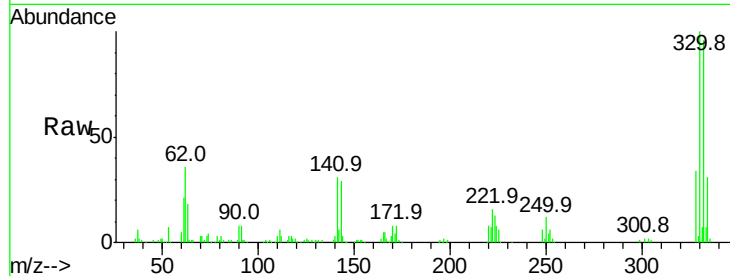




#41
 2,4,6-Tribromophenol
 Concen: 88.445 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

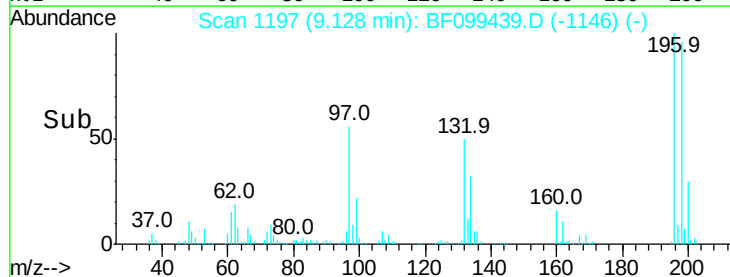
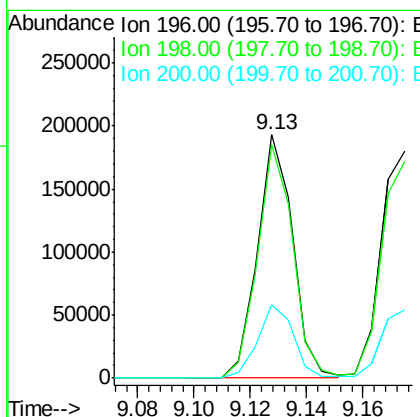
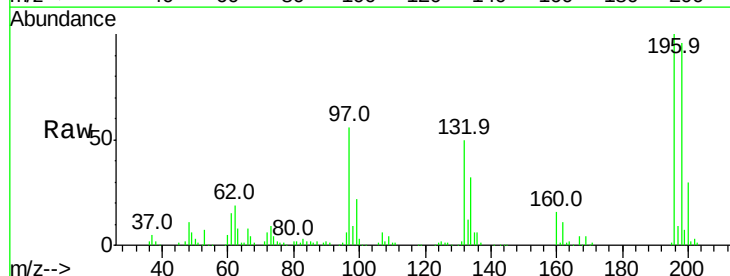
Instrument :
 BNA_F
 ClientSampleId :

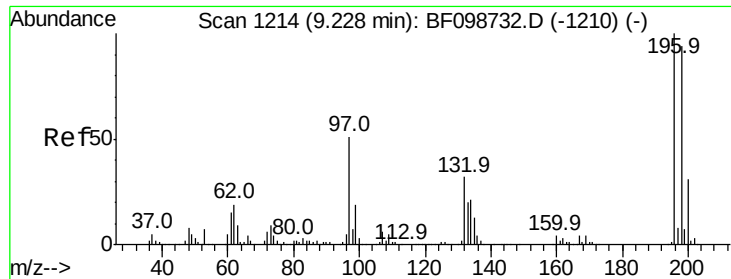
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	39.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.273 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.3	24.5	36.7

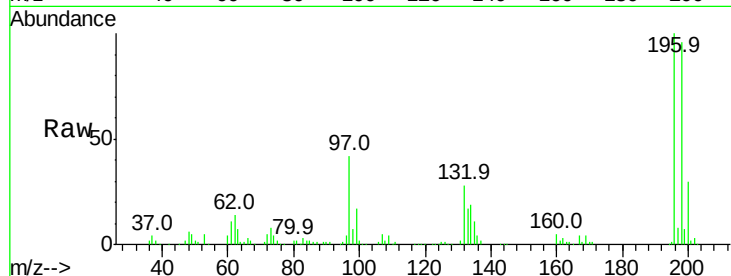




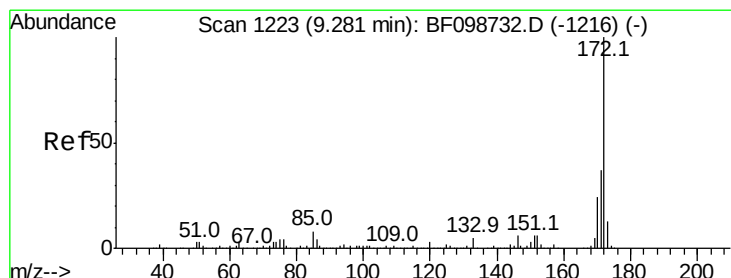
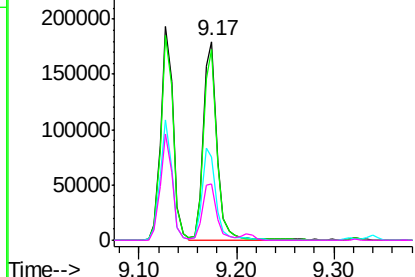
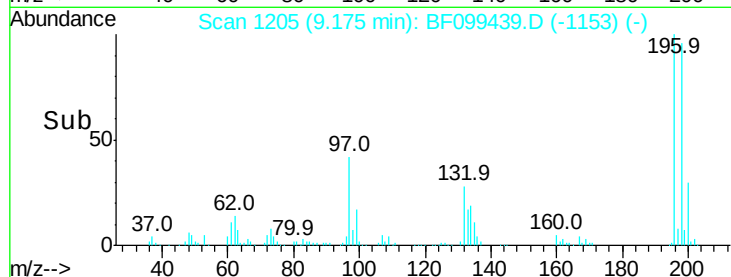
#43
 2,4,5-Trichlorophenol
 Concen: 42.505 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	176516
Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	42.1	42.9	64.3#
132	28.2	26.3	39.5

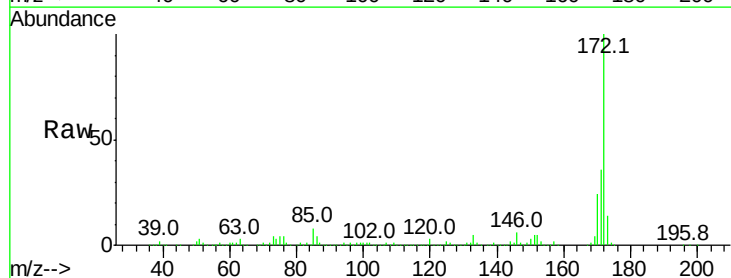


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

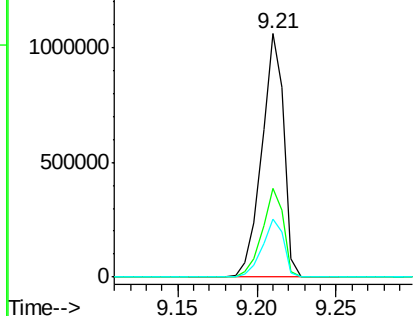
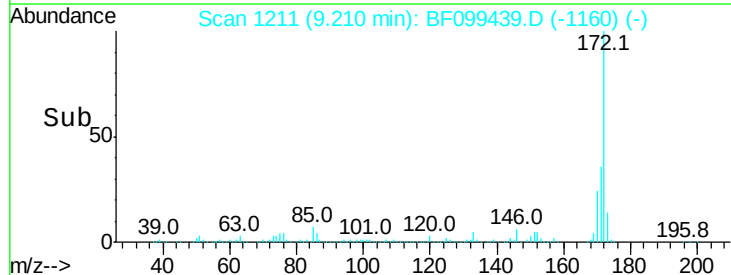


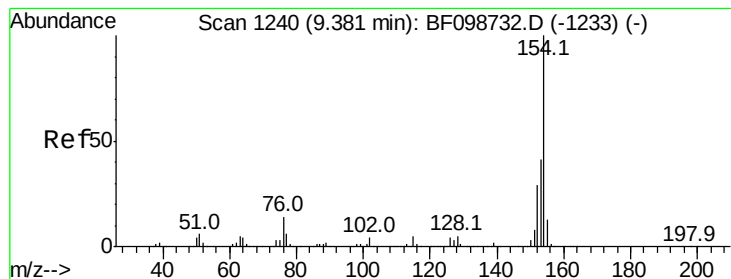
#44
 2-Fluorobiphenyl
 Concen: 87.374 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:	172	Resp:	1030562
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 41.966 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

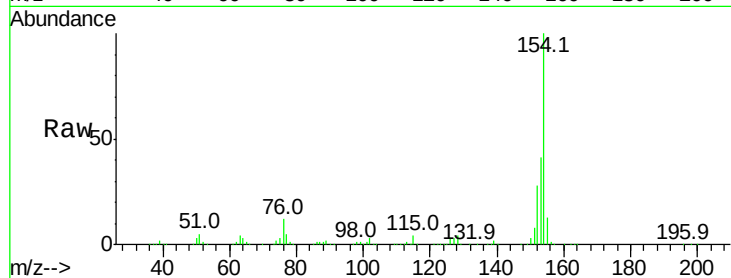
Tot Ion:154 Resp: 710190

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

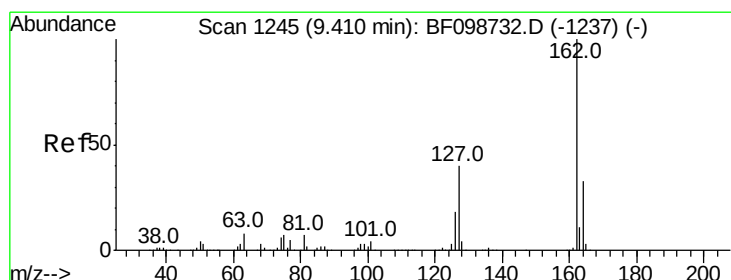
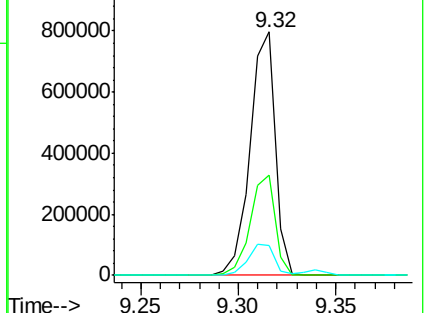
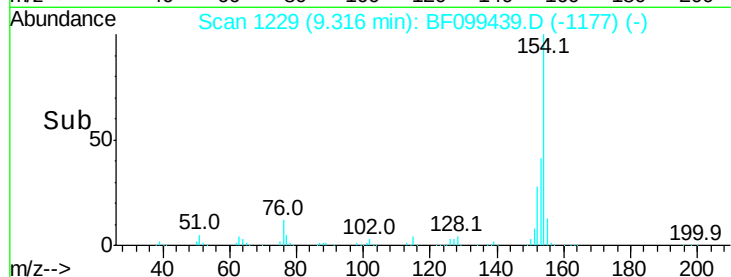
76 12.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.812 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

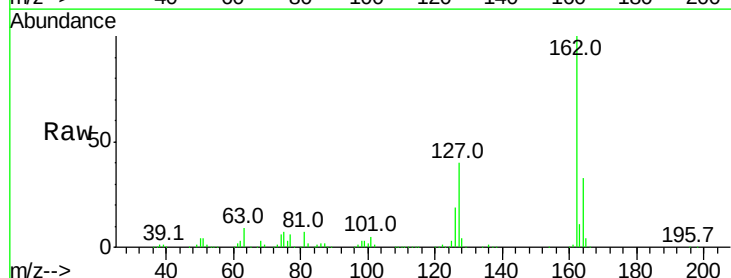
Tgt Ion:162 Resp: 543978

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

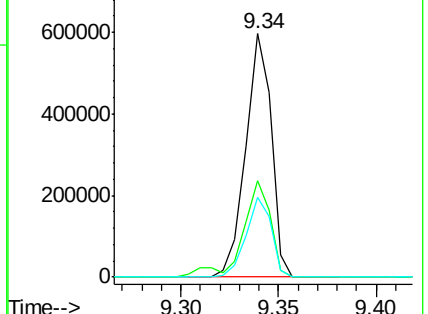
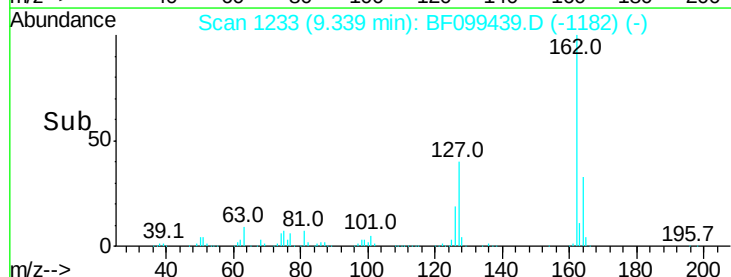
164 32.8 26.5 39.7

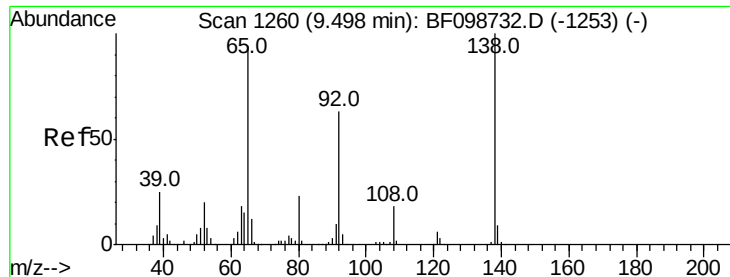


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.324 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

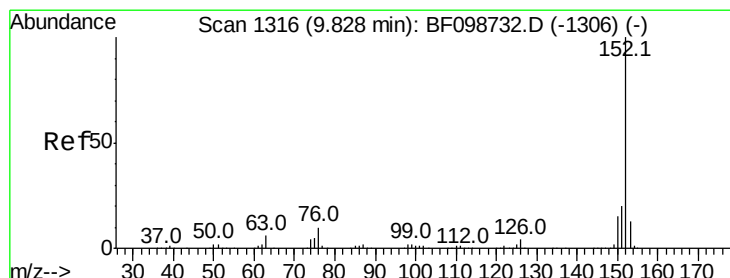
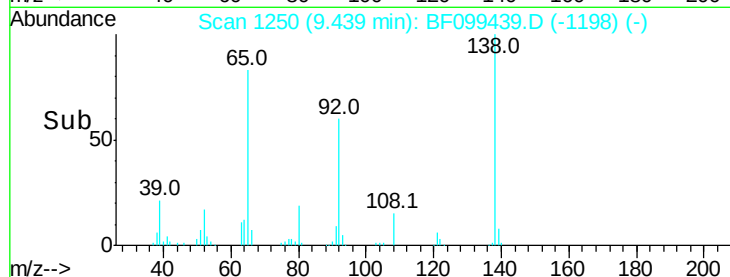
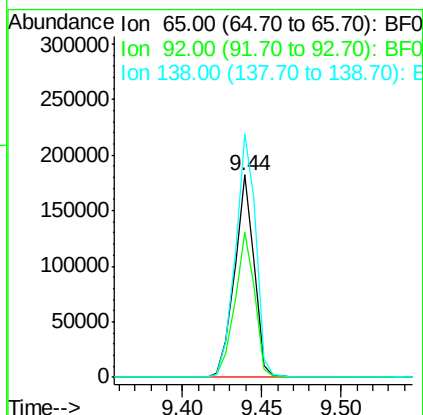
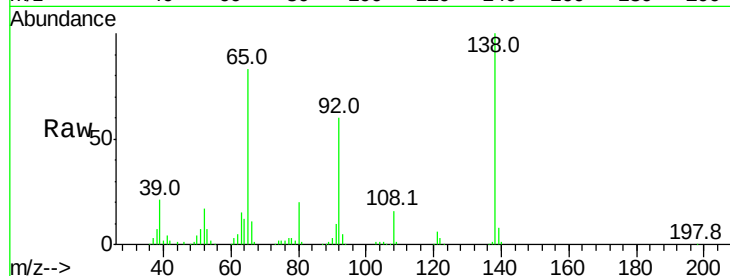
Tot Ion: 65 Resp: 156883

Ion Ratio Lower Upper

65 100

92 71.7 55.8 83.6

138 120.2 91.2 136.8



#48

Acenaphthylene

Concen: 42.186 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

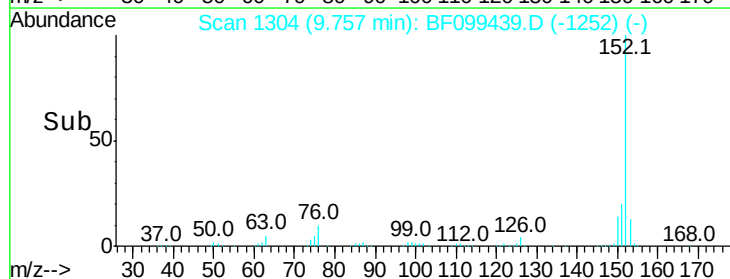
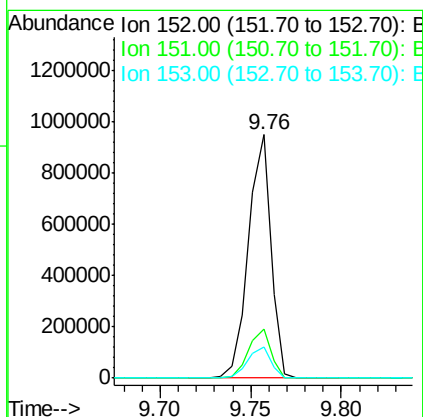
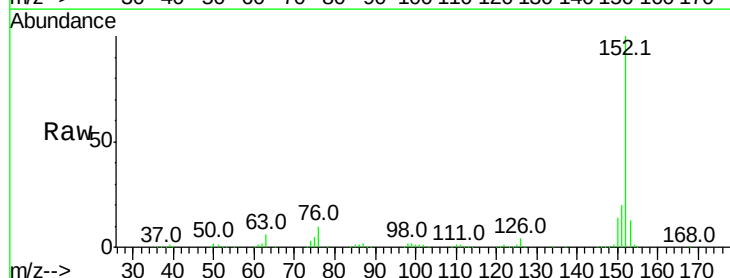
Tgt Ion: 152 Resp: 820556

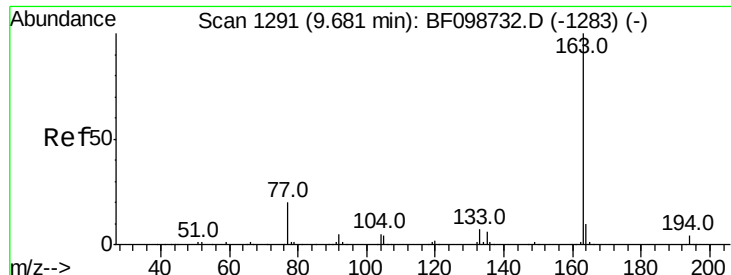
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.9 10.7 16.1

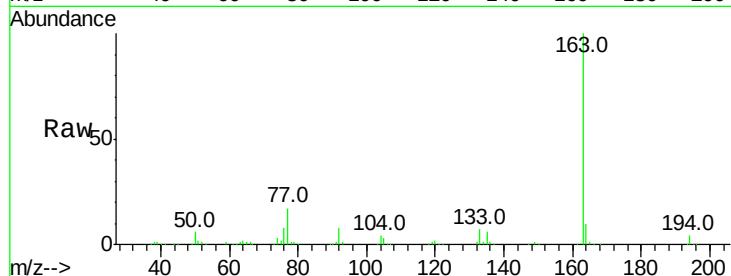




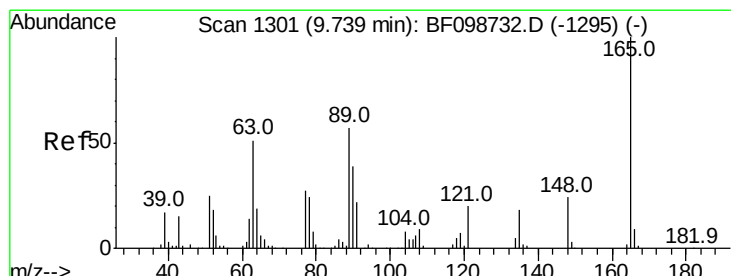
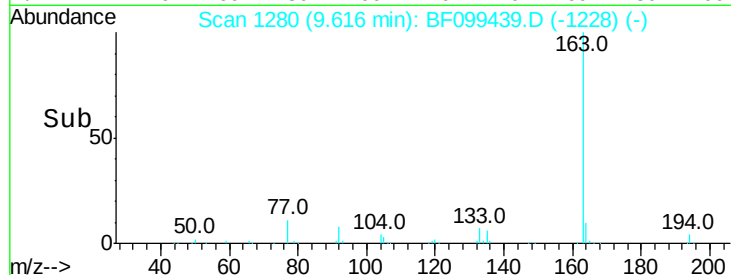
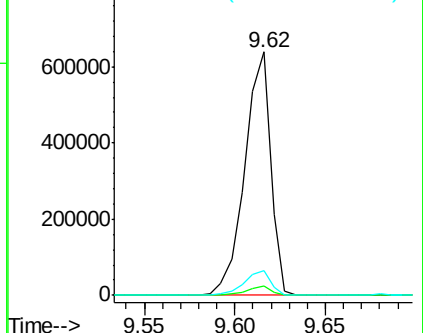
#49
 Dimethylphthalate
 Concen: 42.680 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 634282
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.0 8.2 12.2

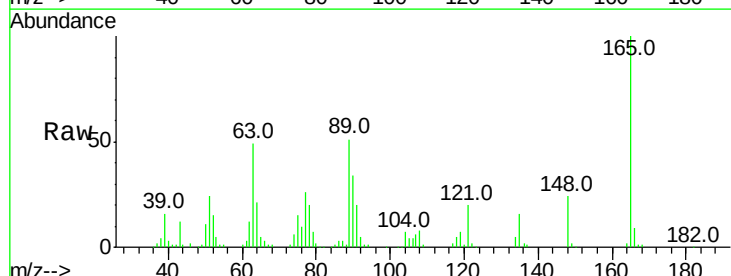


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

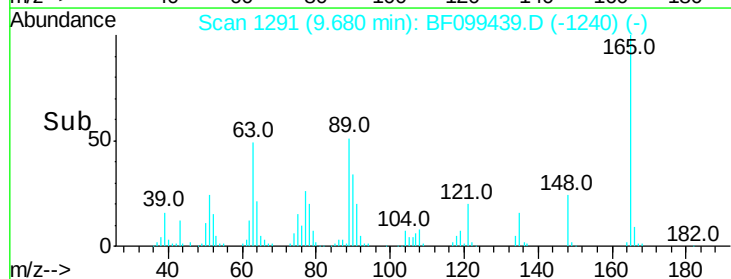
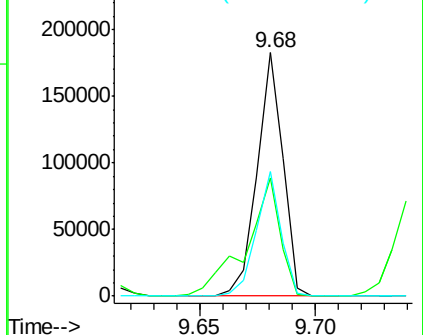


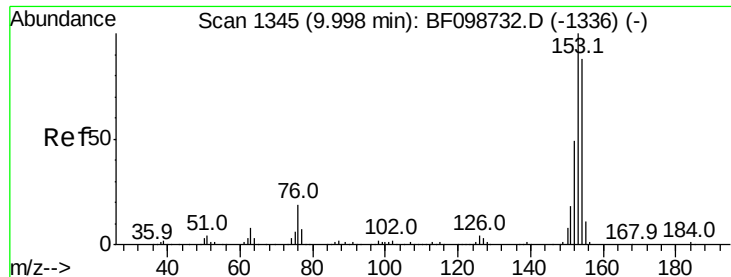
#50
 2,6-Dinitrotoluene
 Concen: 44.116 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:165 Resp: 142733
 Ion Ratio Lower Upper
 165 100
 63 48.7 44.7 67.1
 89 51.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.157 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

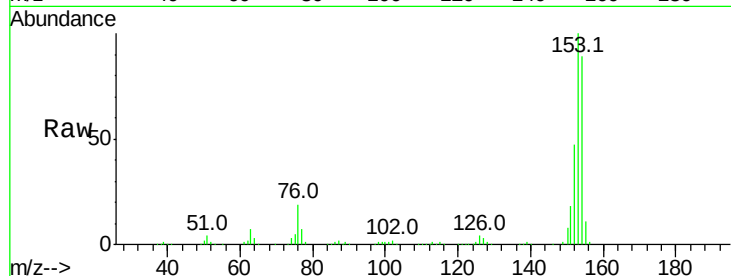
Tot Ion:154 Resp: 482458

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

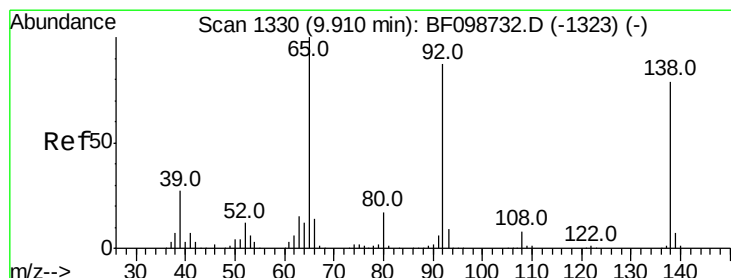
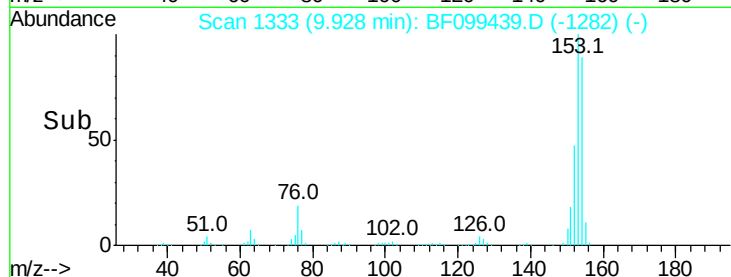
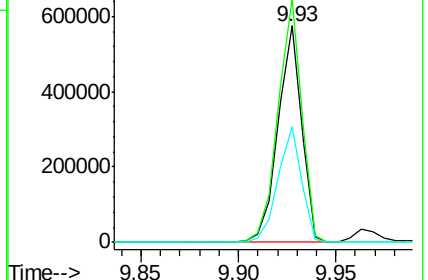
152 53.2 43.8 65.8



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: 44.782 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

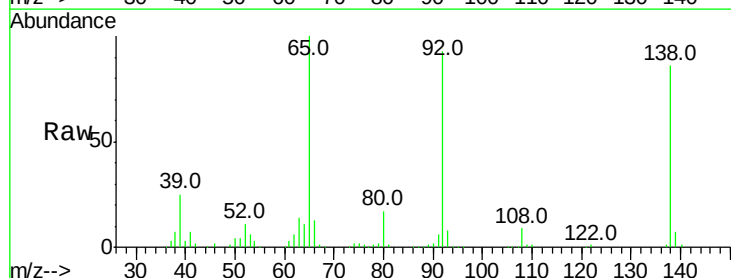
Tgt Ion:138 Resp: 168941

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

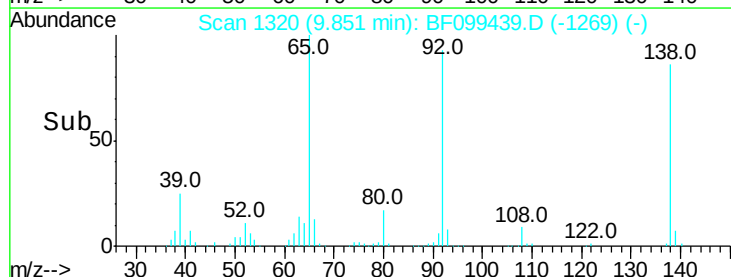
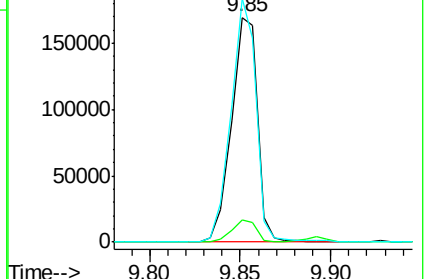
92 108.3 89.4 134.2

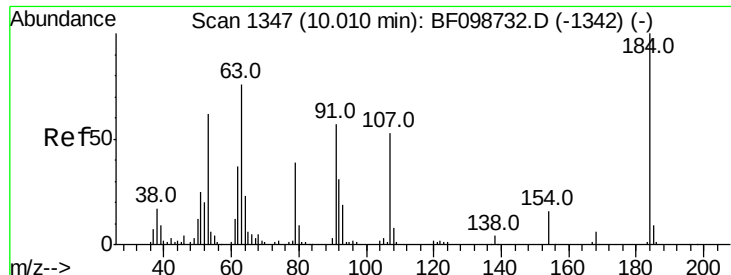


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

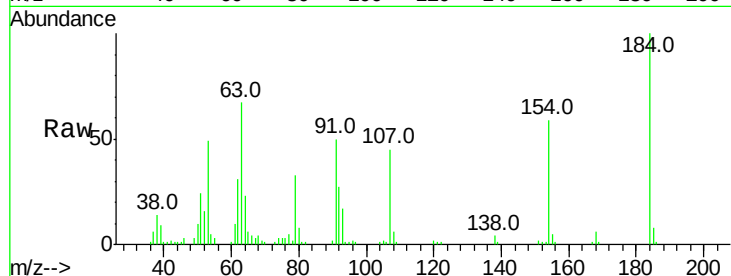




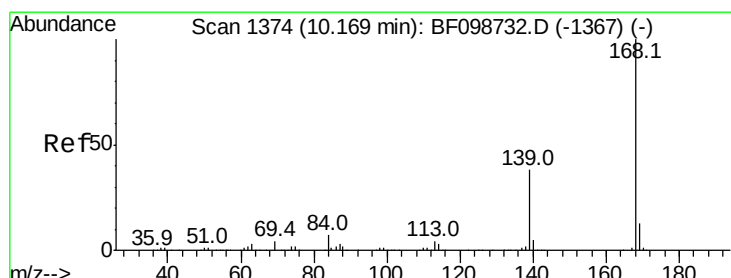
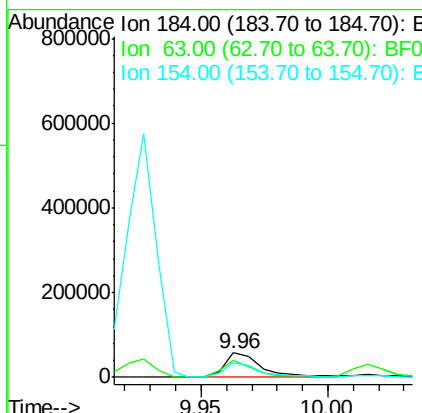
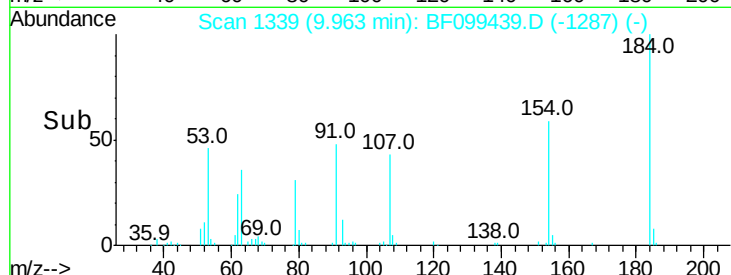
#53
 2,4-Dinitrophenol
 Concen: 38.503 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 59365
 Ion Ratio Lower Upper
 184 100
 63 67.2 54.2 81.2
 154 59.1 53.5 80.3

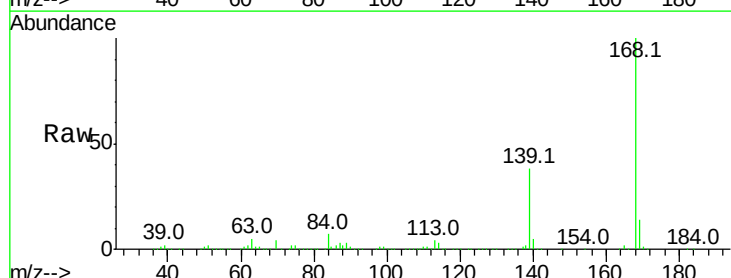


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

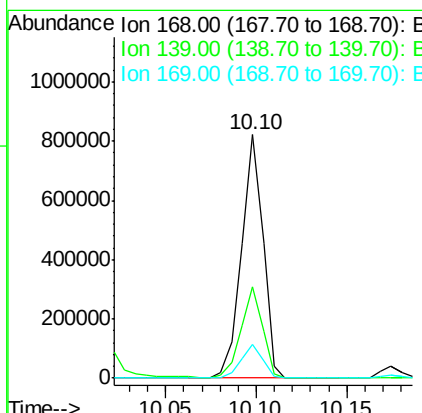
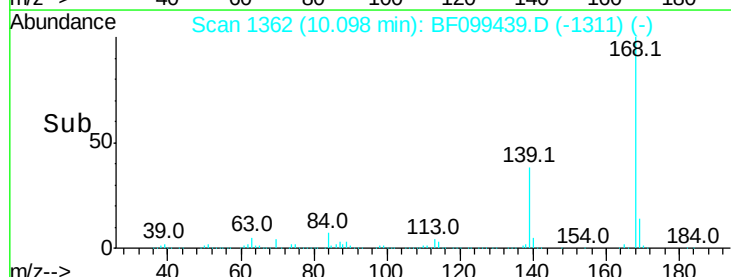


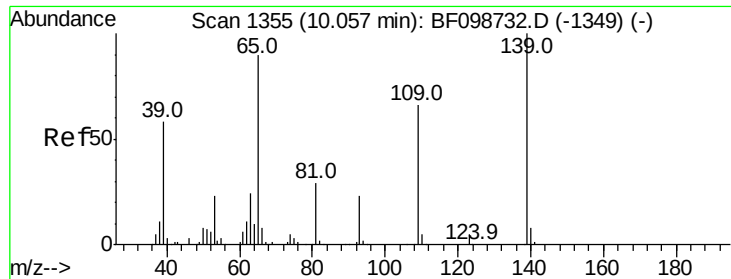
#54
 Dibenzofuran
 Concen: 41.259 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:168 Resp: 676860
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 13.8 10.9 16.3



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

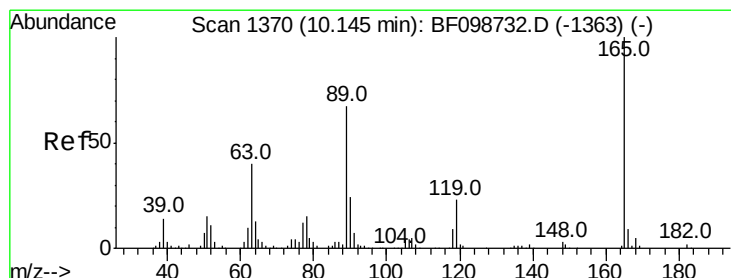
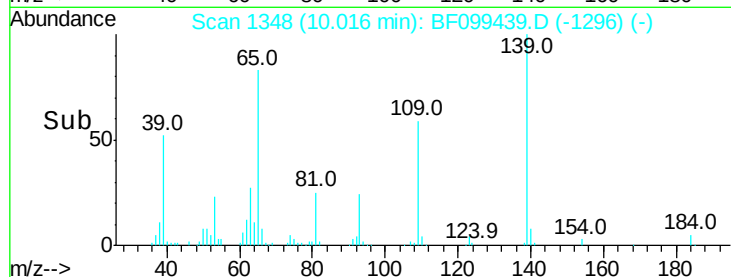
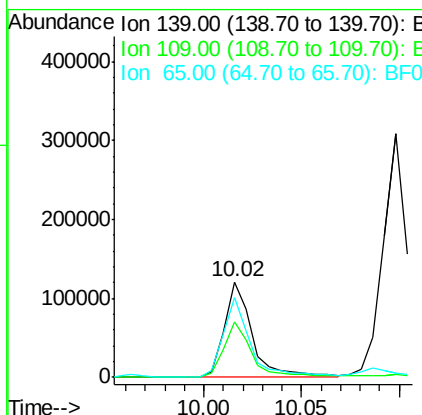
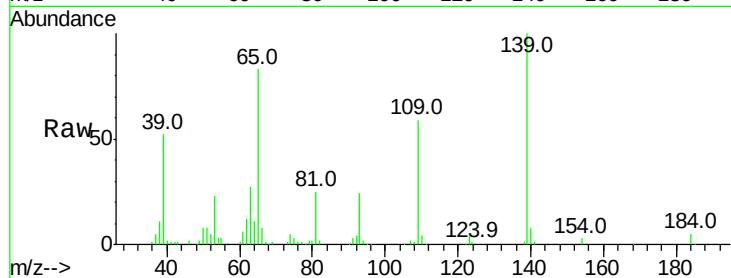




#55
4-Nitrophenol
Concen: 37.725 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

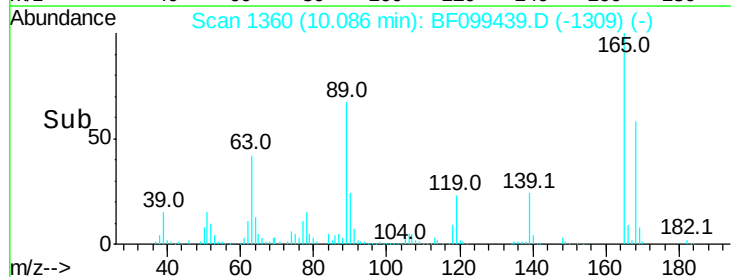
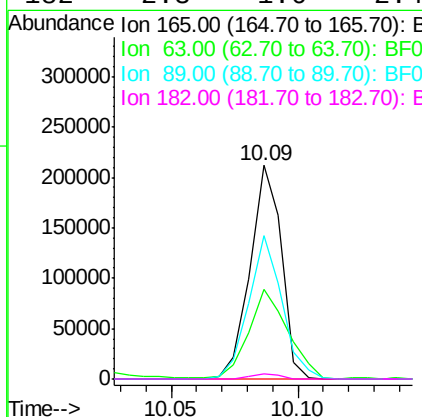
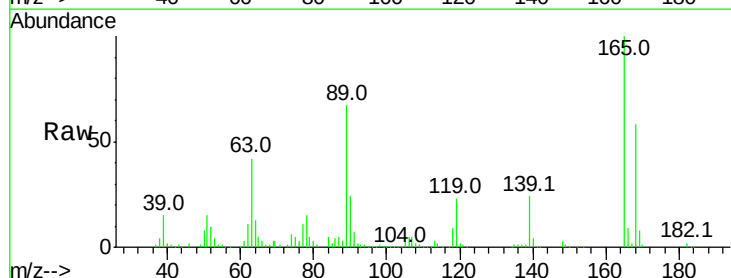
Instrument :
BNA_F
ClientSampled :

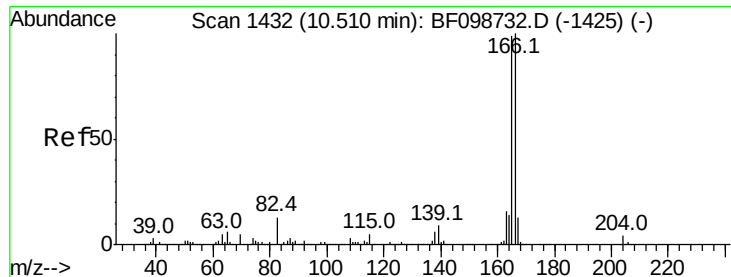
Tot Ion:139 Resp: 120341
Ion Ratio Lower Upper
139 100
109 58.6 48.4 88.4
65 83.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.348 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:165 Resp: 182016
Ion Ratio Lower Upper
165 100
63 42.3 36.4 54.6
89 67.3 57.8 86.6
182 2.3 1.6 2.4

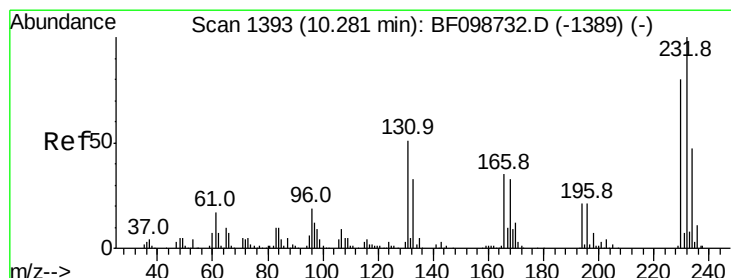
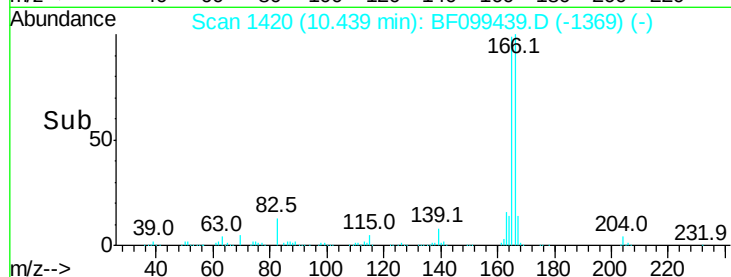
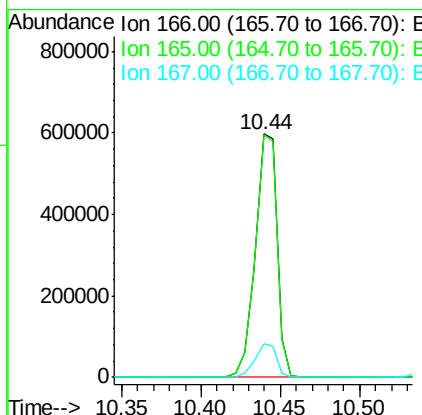
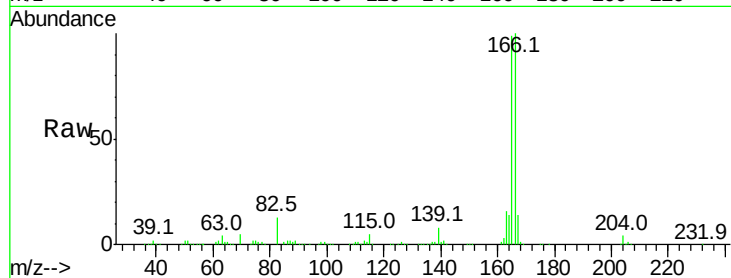




#57
 Fluorene
 Concen: 43.190 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

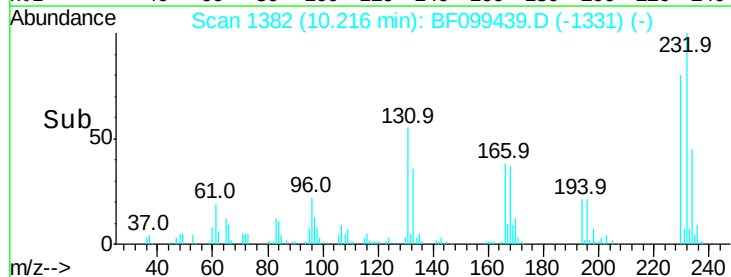
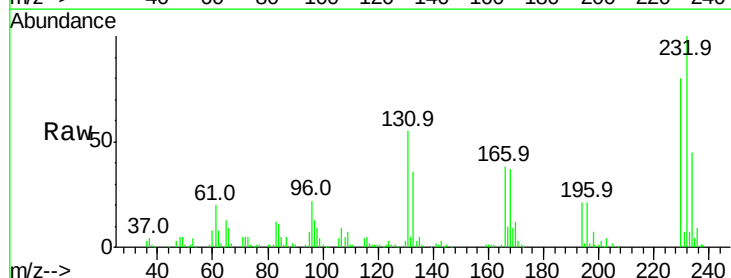
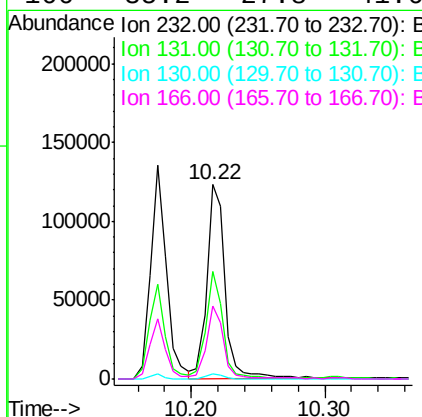
Instrument :
 BNA_F
 ClientSampleId :

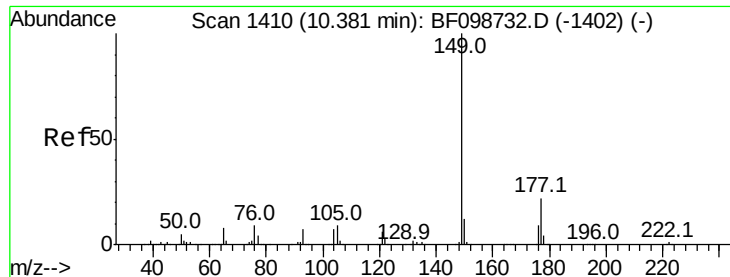
Tot Ion:166 Resp: 569487
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.508 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:232 Resp: 116208
 Ion Ratio Lower Upper
 232 100
 131 52.1 43.8 65.8
 130 2.4 2.1 3.1
 166 35.2 27.8 41.6





#59

Diethylphthalate

Concen: 40.948 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

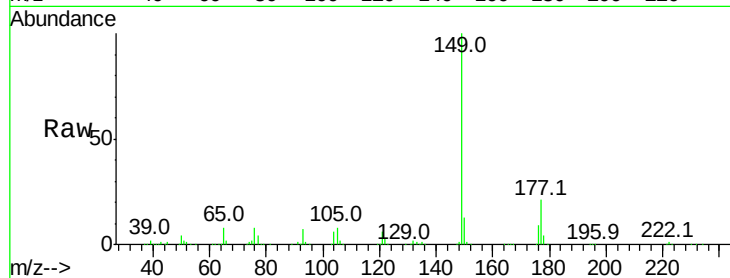
Tot Ion:149 Resp: 594634

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

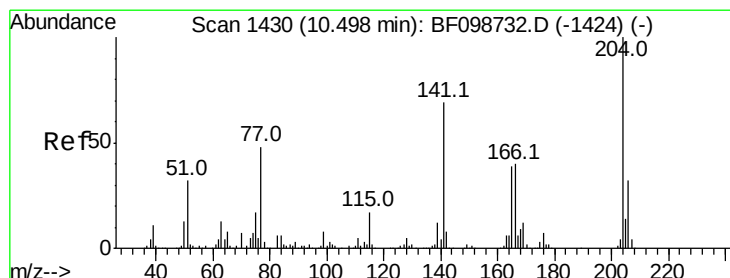
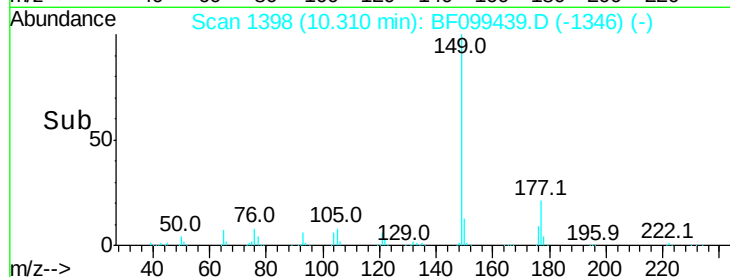
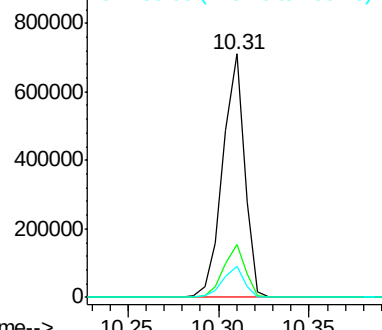
150 12.6 10.1 15.1



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: 42.036 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

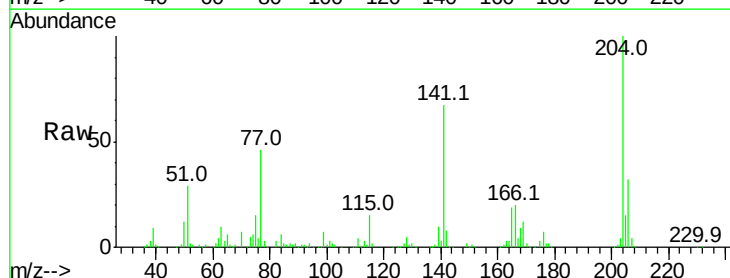
Tgt Ion:204 Resp: 248983

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

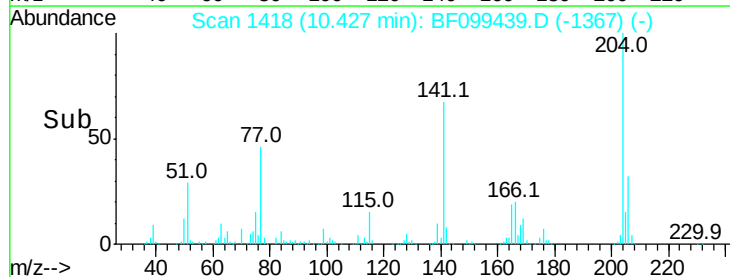
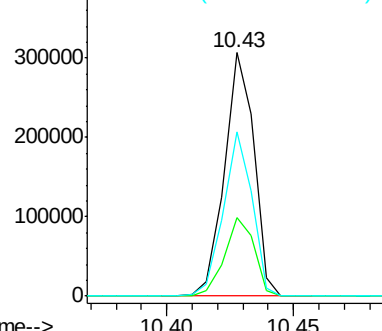
141 67.3 54.6 81.8

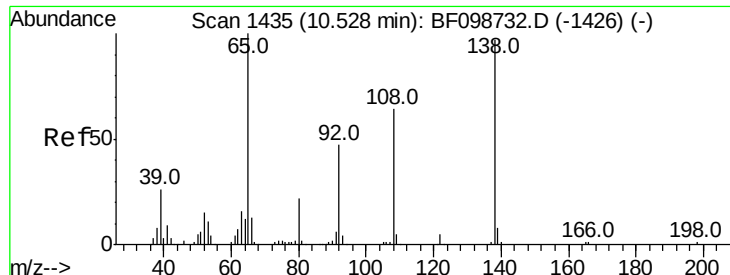


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

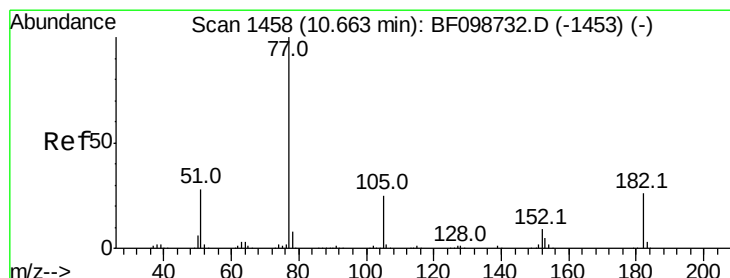
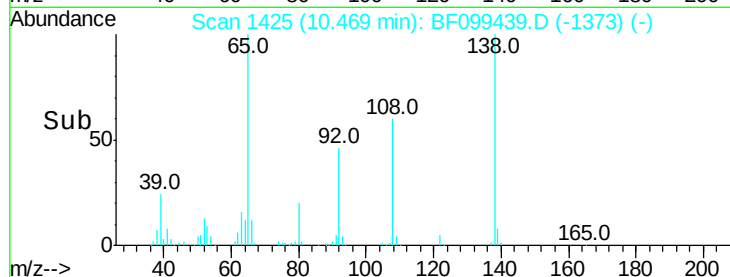
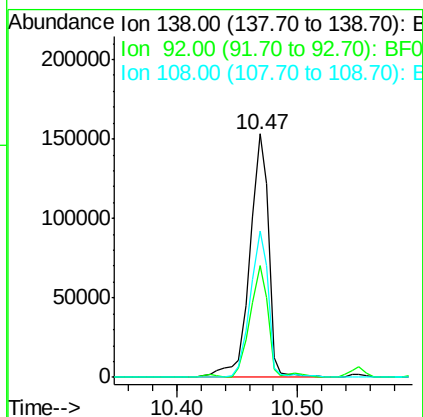
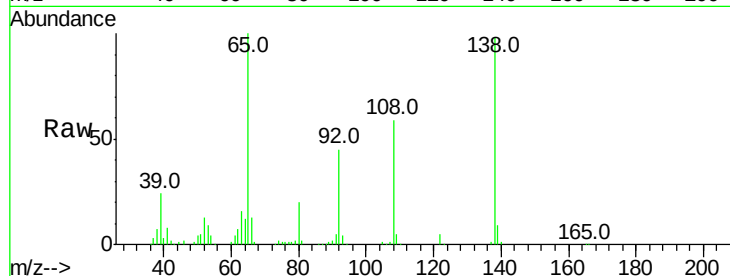




#61
4-Nitroaniline
Concen: 46.167 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

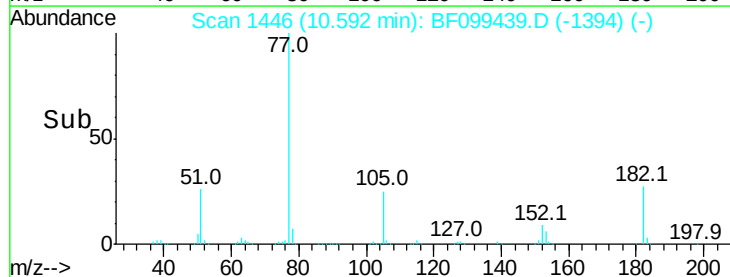
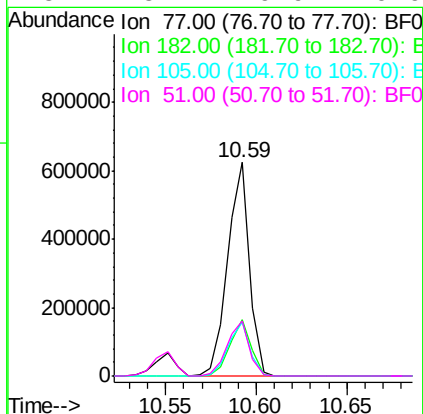
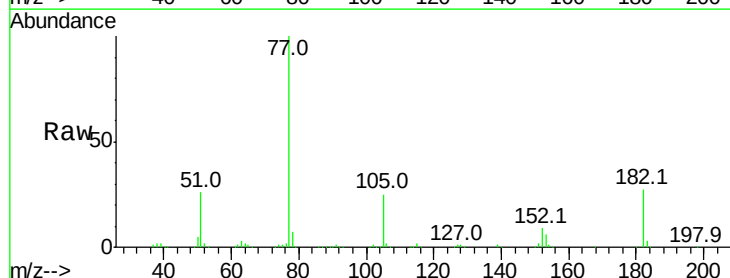
Instrument :
BNA_F
ClientSampleId :

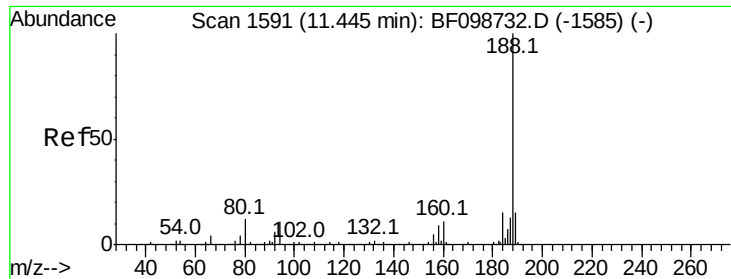
Tot Ion:138 Resp: 168028
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 60.2 52.5 92.5



#62
Azobenzene
Concen: 38.918 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion: 77 Resp: 519649
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 25.1 3.0 43.0
51 25.7 9.9 49.9

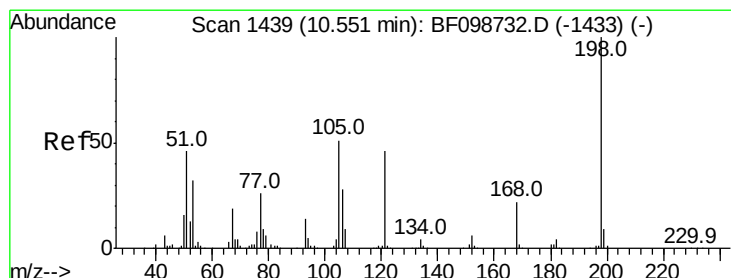
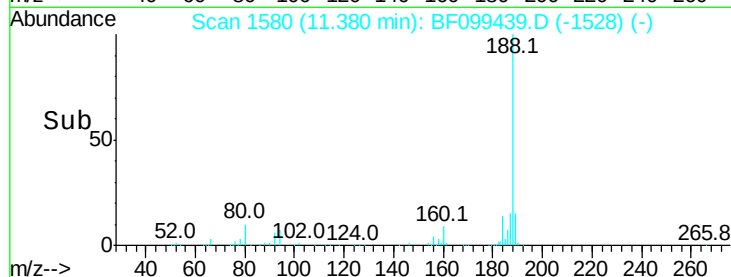
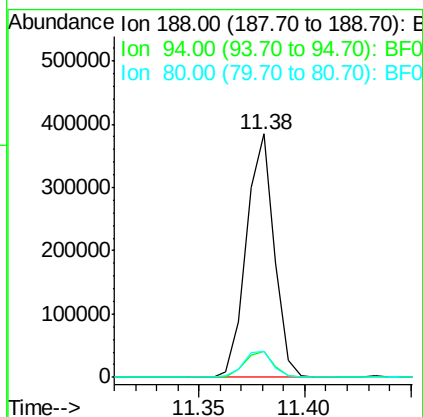
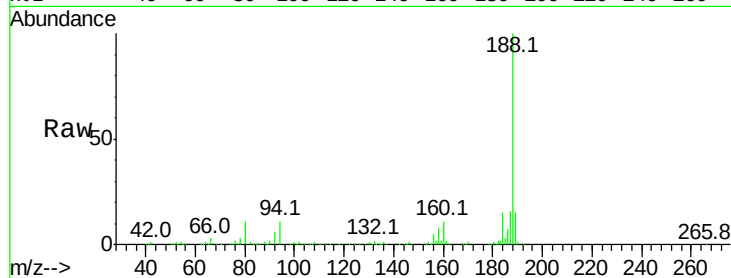




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

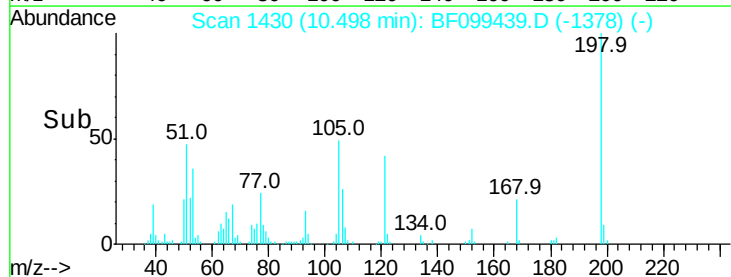
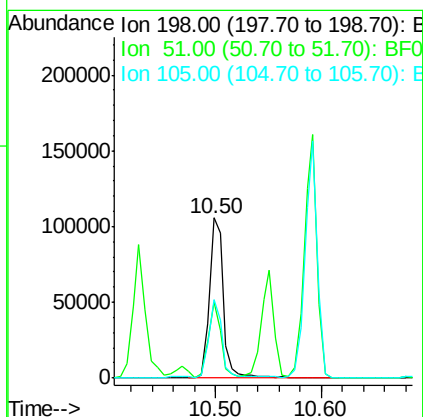
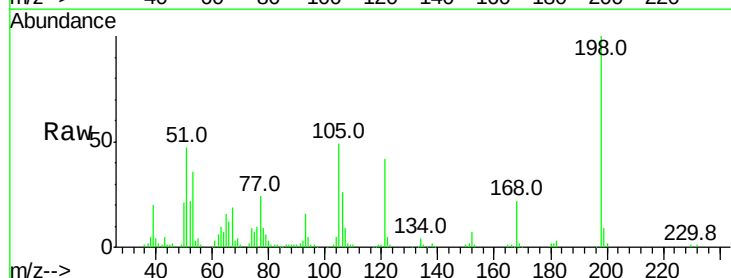
Instrument :
BNA_F
ClientSampleId :

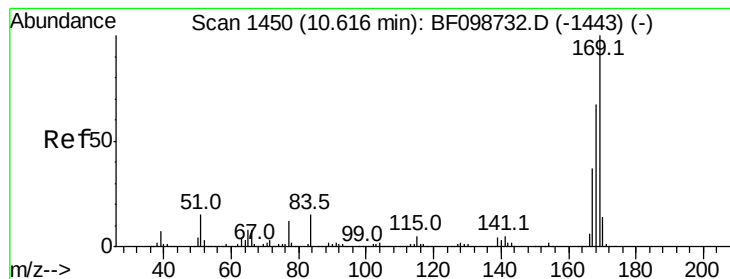
Tot Ion:188 Resp: 350585
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.539 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:198 Resp: 99269
Ion Ratio Lower Upper
198 100
51 47.2 37.7 77.7
105 48.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.390 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

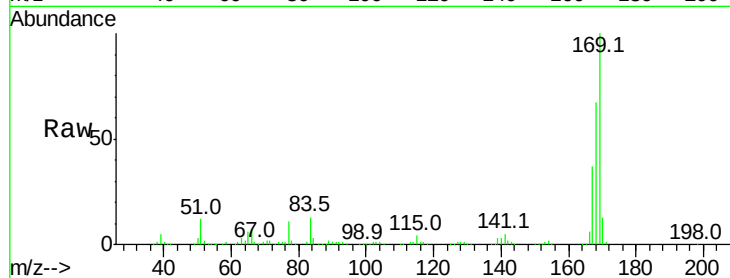
Tot Ion:169 Resp: 502699

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

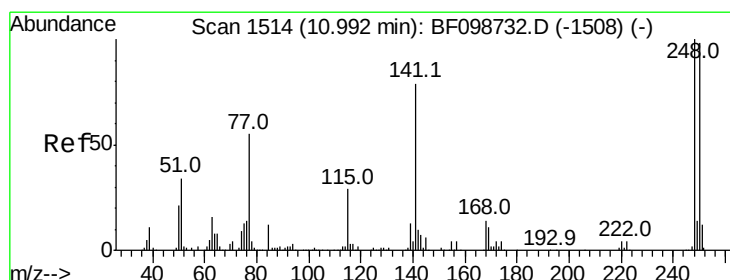
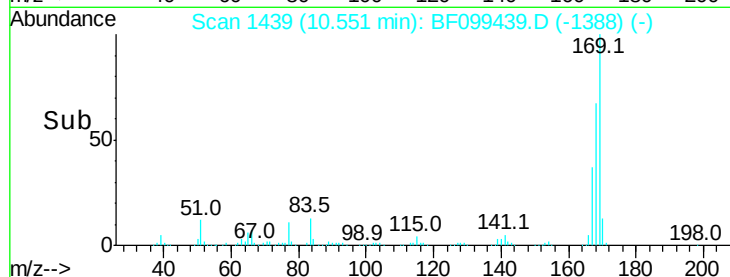
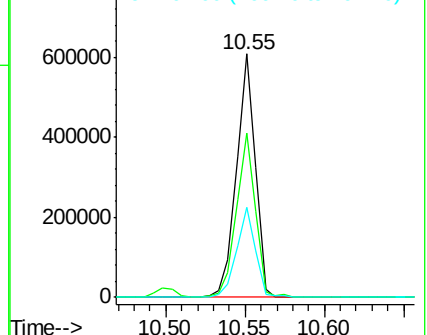
167 37.0 29.8 44.6



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: 42.764 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

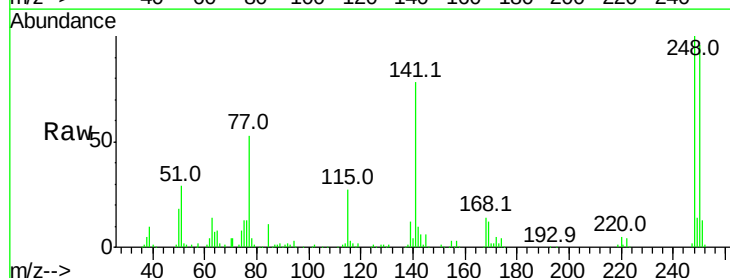
Tgt Ion:248 Resp: 146752

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

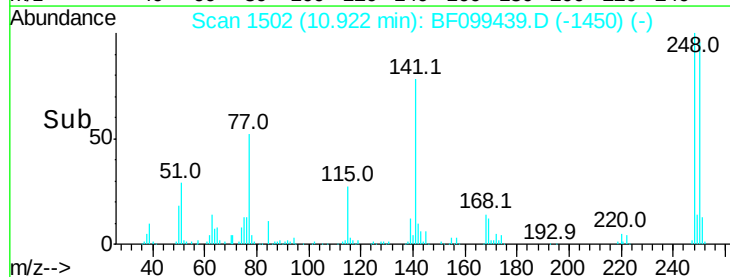
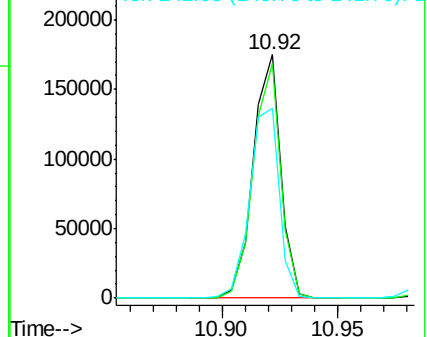
141 77.8 74.4 111.6

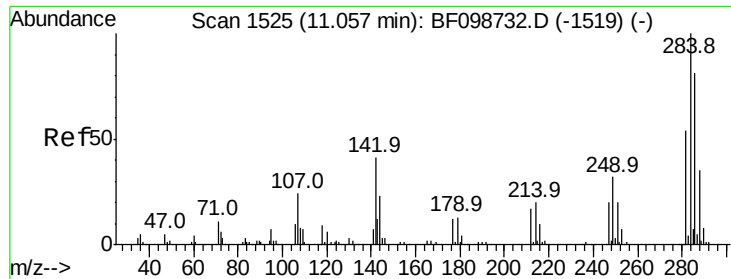


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

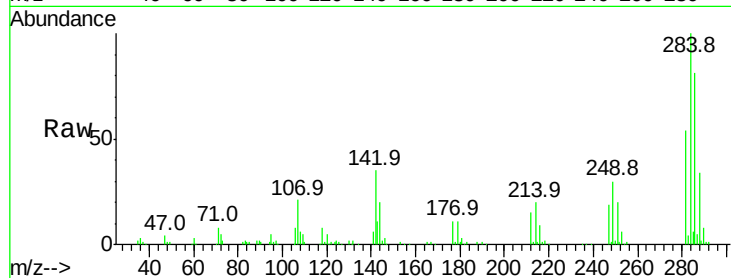




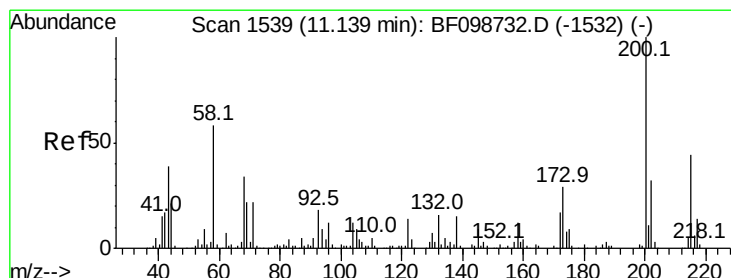
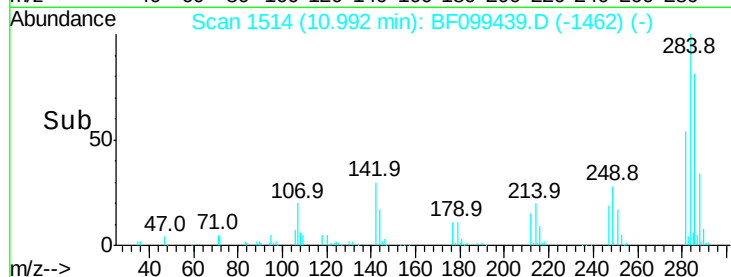
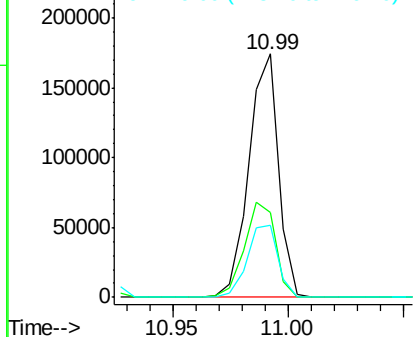
#67
Hexachlorobenzene
Concen: 42.752 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 156693
Ion Ratio Lower Upper
284 100
142 35.1 34.6 52.0
249 29.7 24.8 37.2

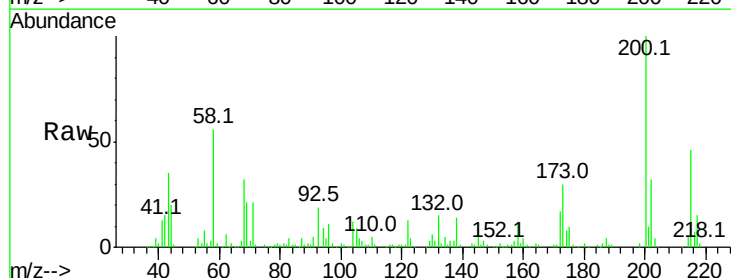


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

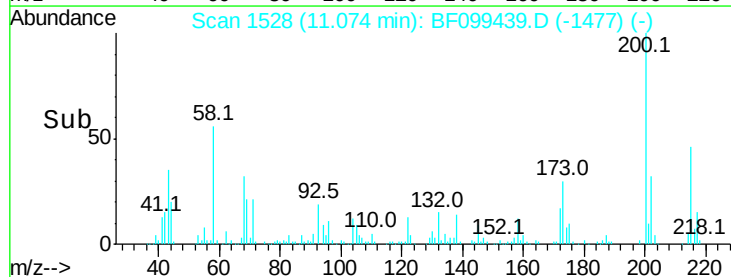
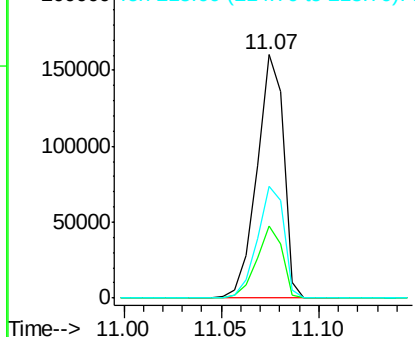


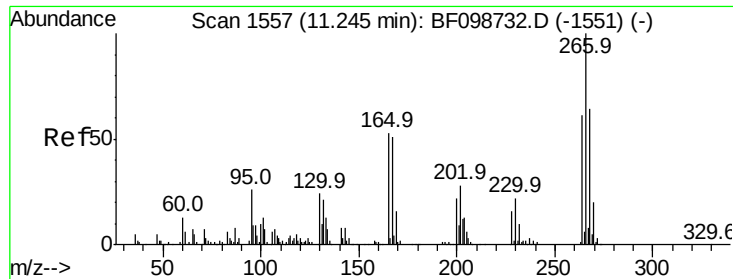
#68
Atrazine
Concen: 41.458 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:200 Resp: 151492
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 45.8 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

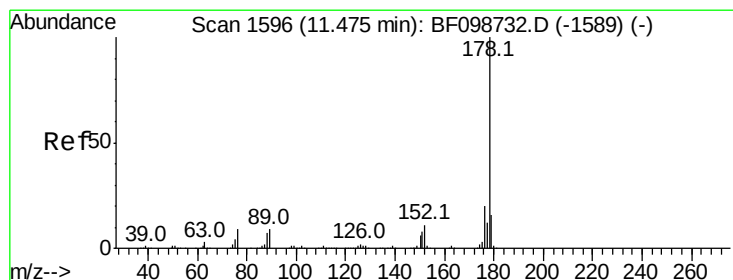
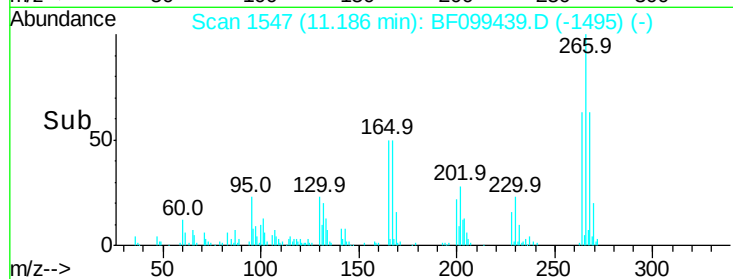
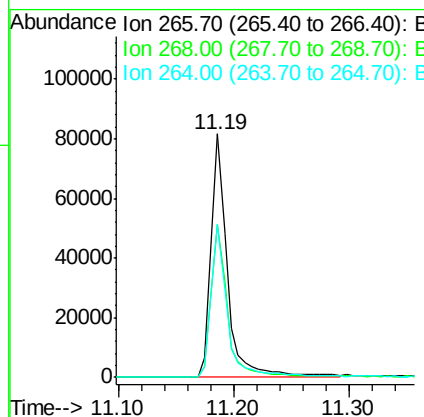
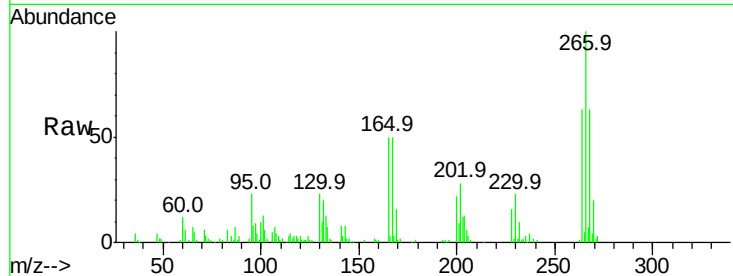




#69
 Pentachlorophenol
 Concen: 35.786 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

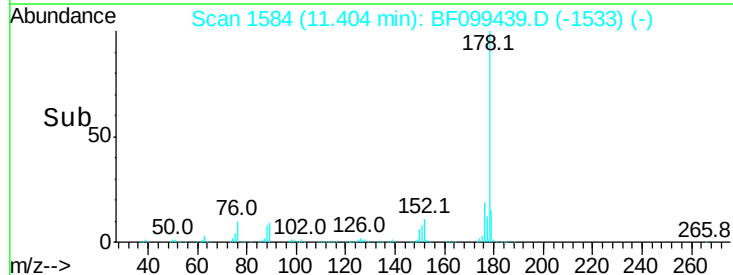
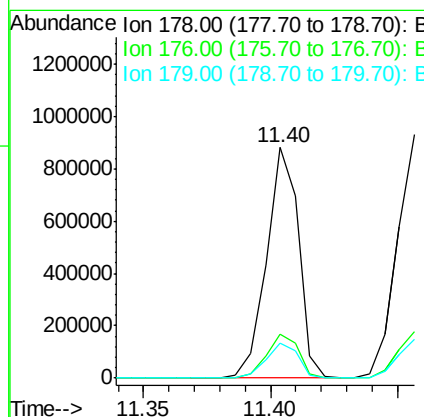
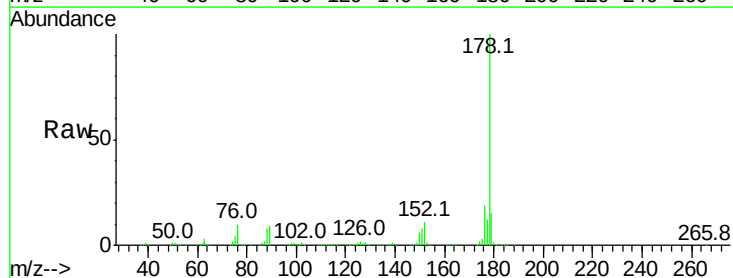
Instrument :
 BNA_F
 ClientSampleId :

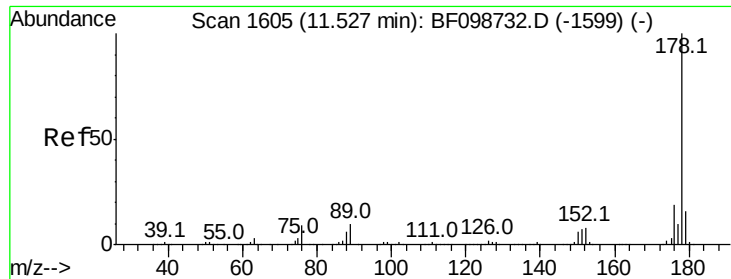
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.6	49.5	74.3



#70
 Phenanthrene
 Concen: 41.509 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	13.0	19.6

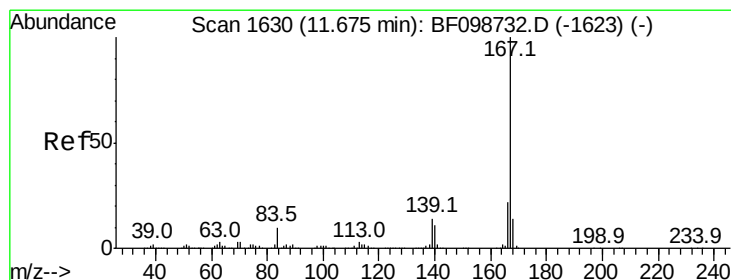
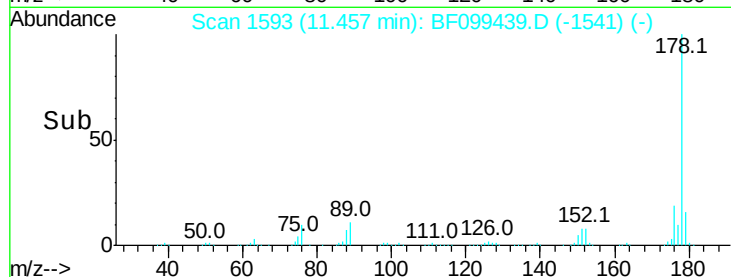
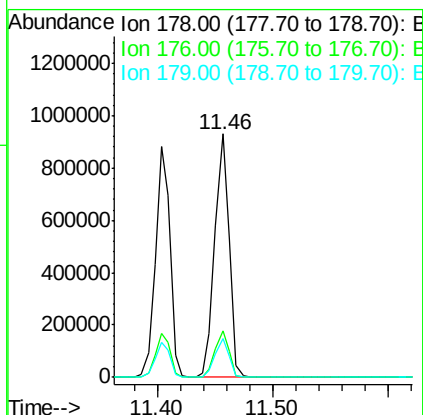
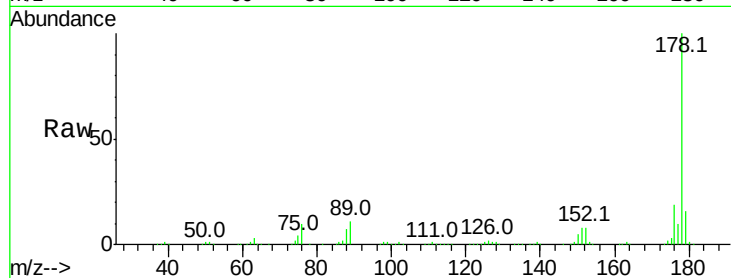




#71
 Anthracene
 Concen: 41.902 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

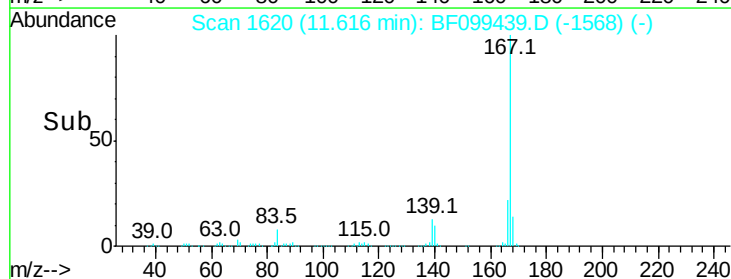
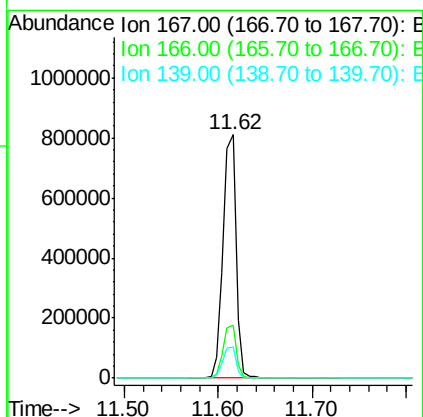
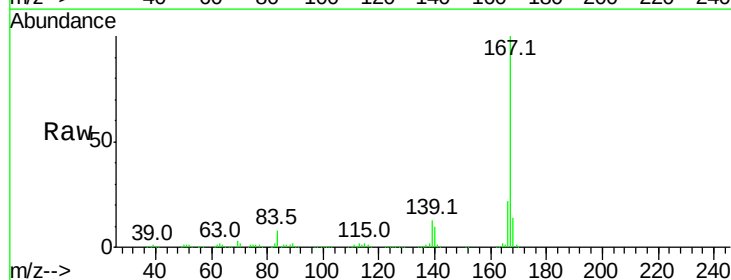
Instrument :
 BNA_F
 ClientSampleId :

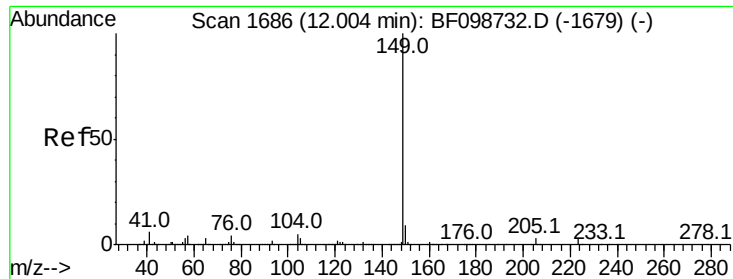
Tot Ion:178 Resp: 804570
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 42.004 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion:167 Resp: 789801
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.580 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

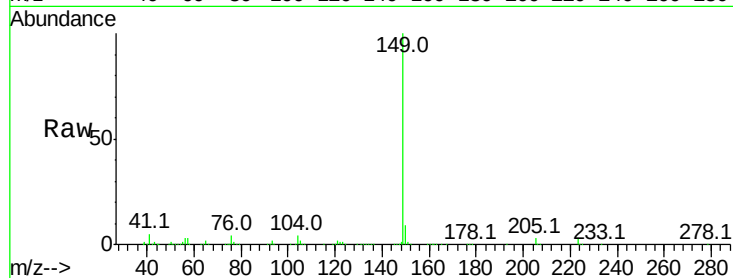
Tot Ion:149 Resp: 918431

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

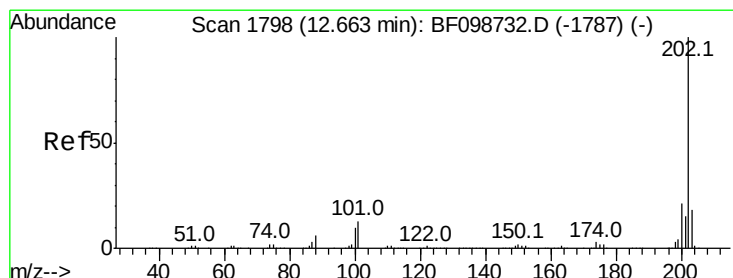
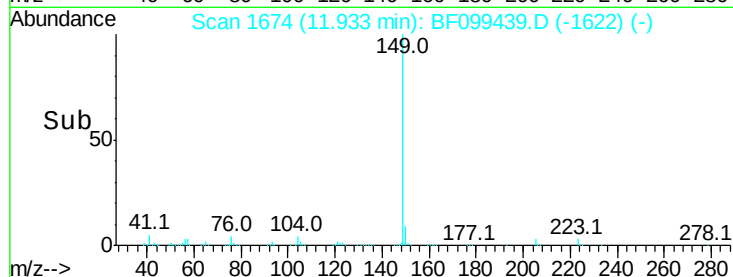
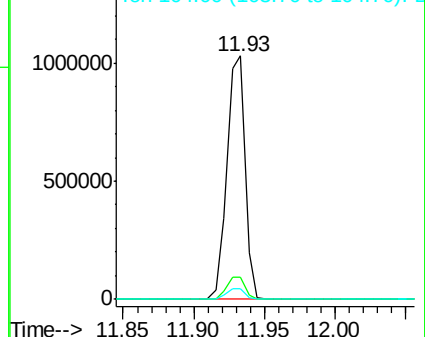
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.581 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

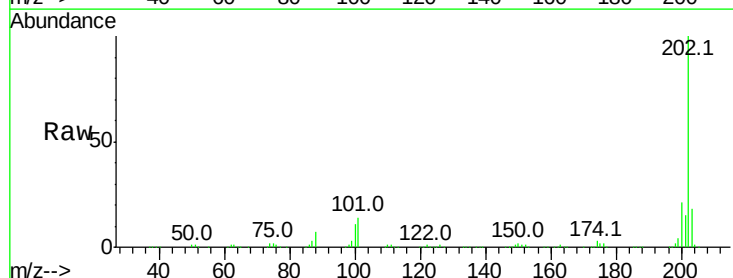
Tgt Ion:202 Resp: 790144

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

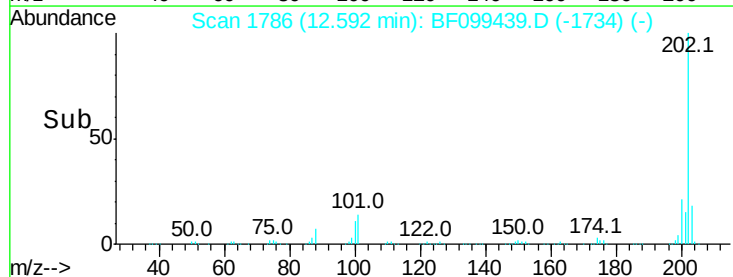
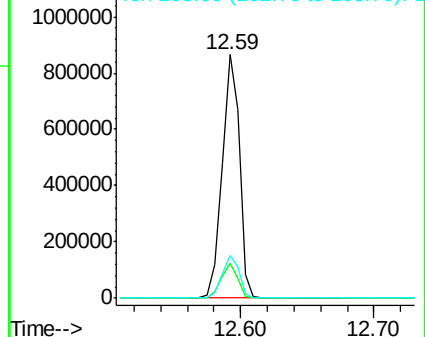
203 17.7 0.0 38.1

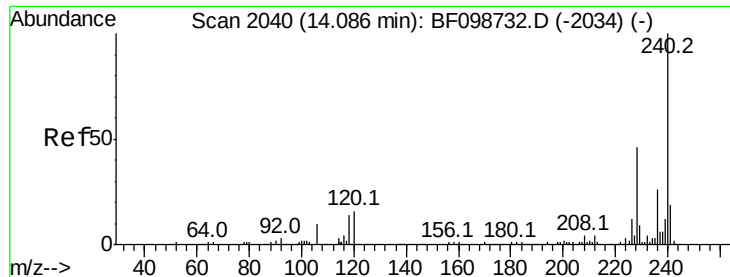


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

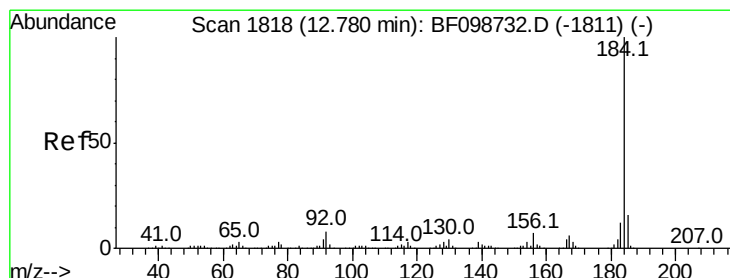
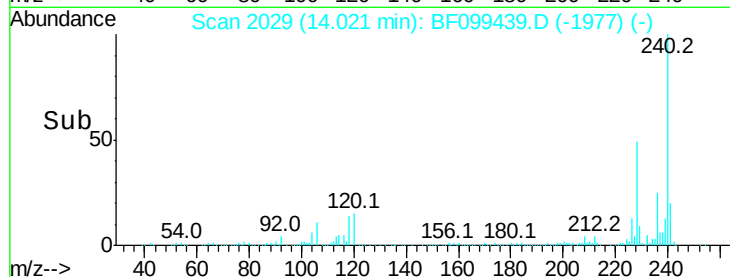
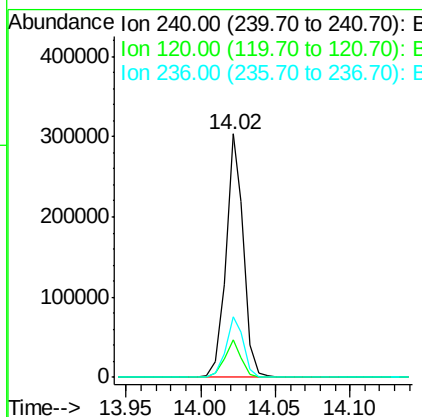
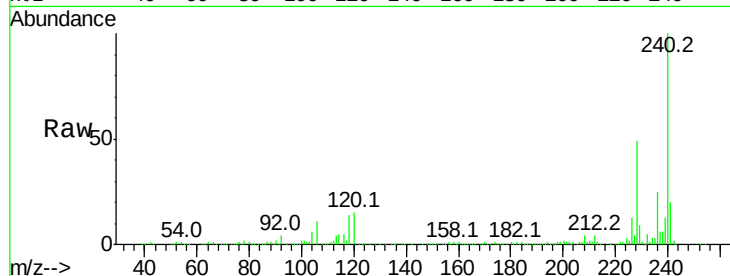




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

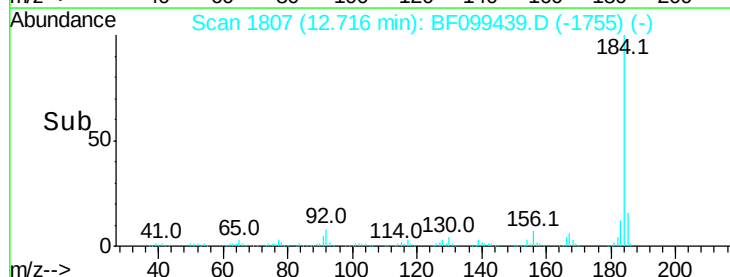
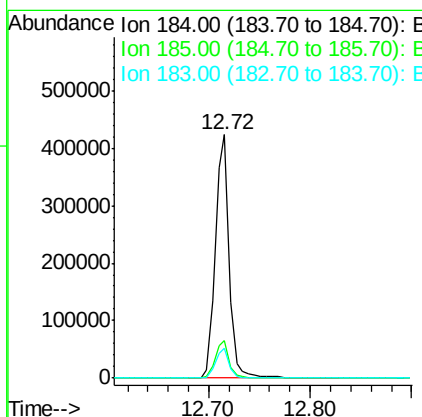
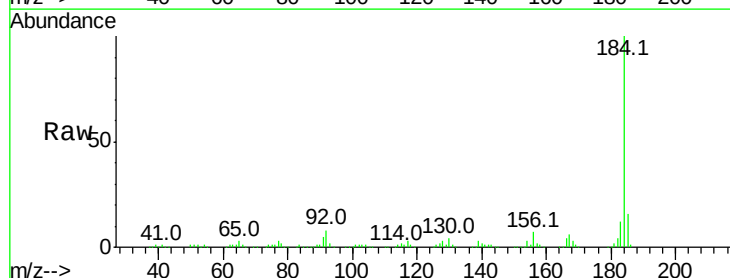
Instrument :
BNA_F
ClientSampleId :

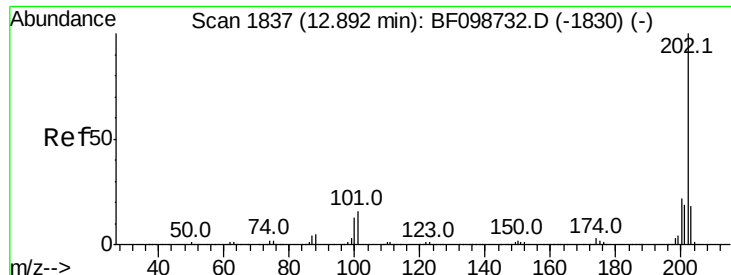
Tot Ion:240 Resp: 250384
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 24.8 20.7 31.1



#76
Benzidine
Concen: 43.416 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:184 Resp: 402071
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 12.1 9.3 13.9





#77

Pvrene

Concen: 42.741 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

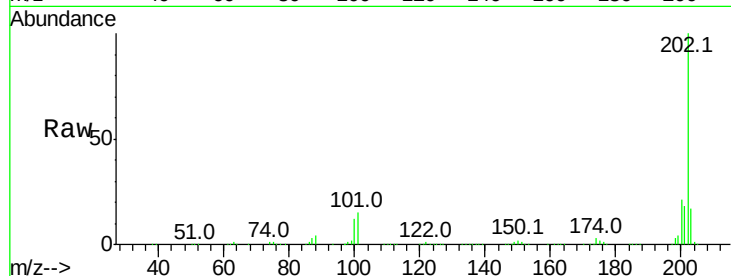
Tot Ion:202 Resp: 816039

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

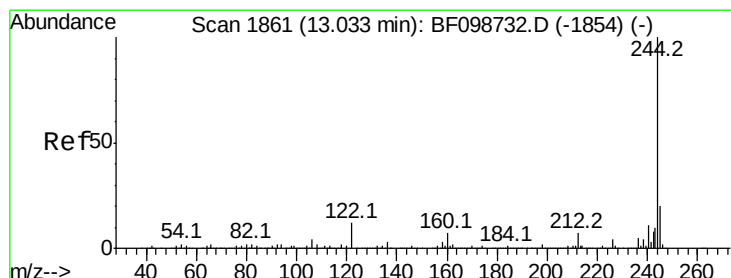
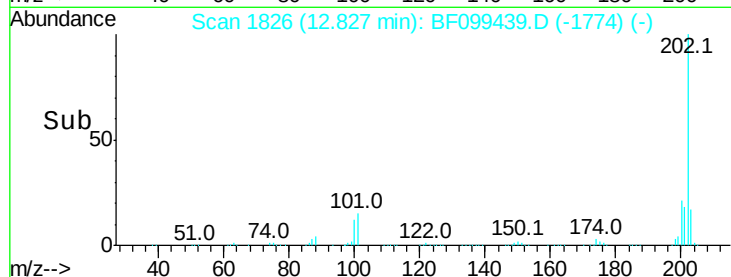
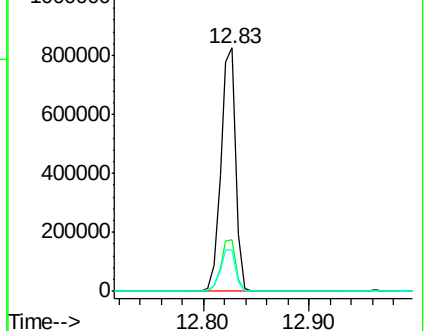
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.849 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

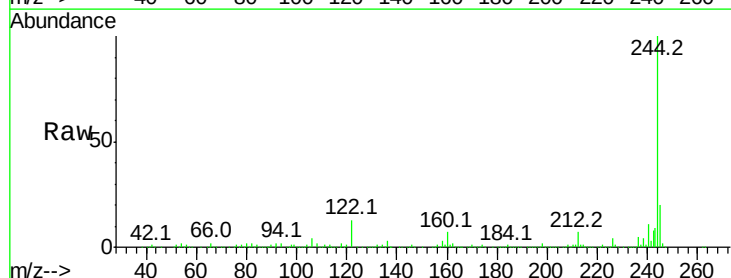
Tgt Ion:244 Resp: 945177

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

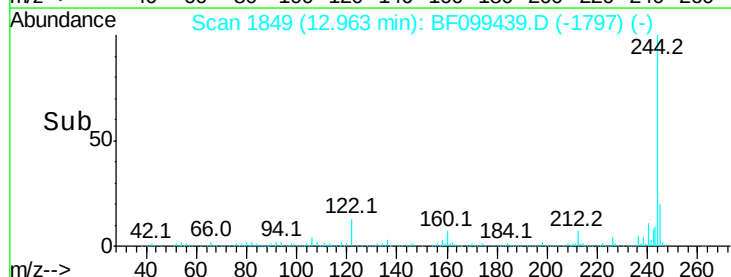
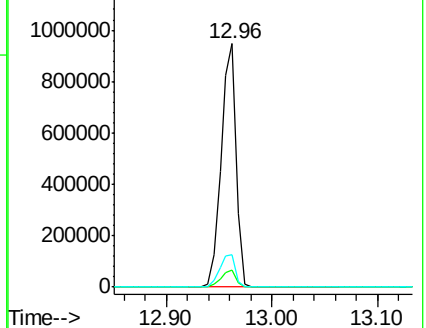
122 13.1 11.0 16.4

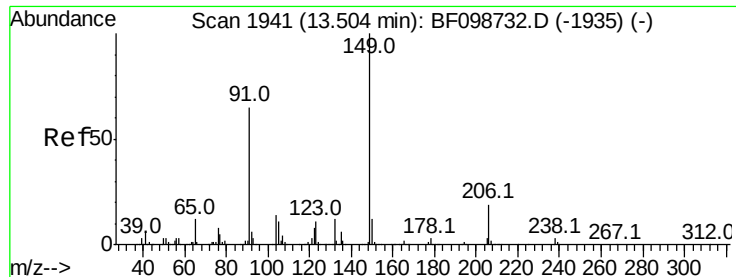


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.657 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

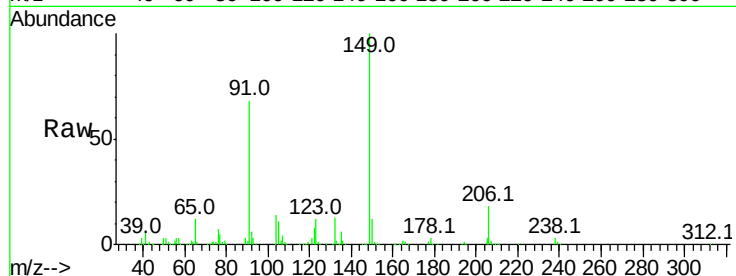
Tot Ion:149 Resp: 382766

Ion Ratio Lower Upper

149 100

91 68.2 56.8 85.2

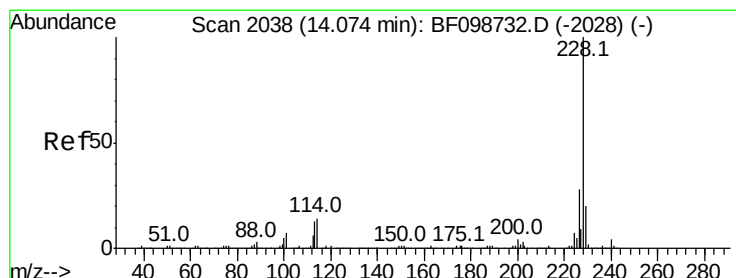
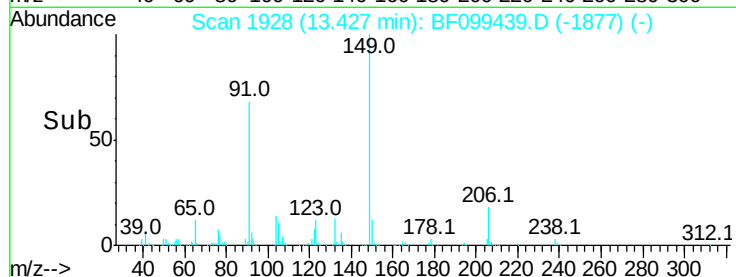
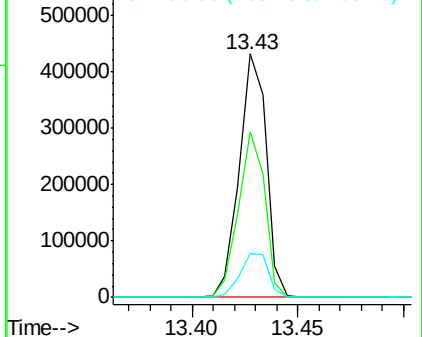
206 17.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.006 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

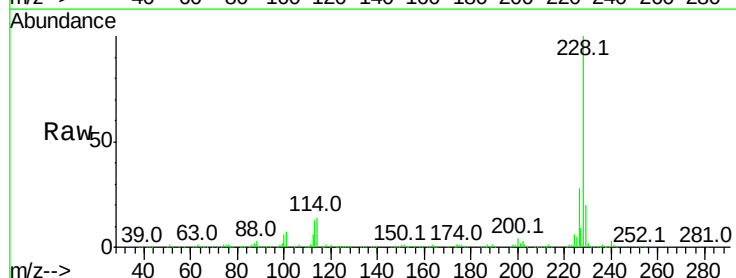
Tgt Ion:228 Resp: 636874

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

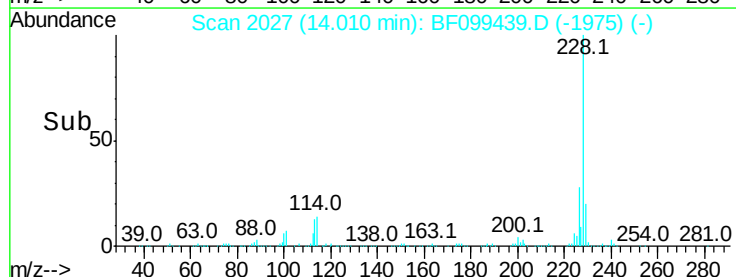
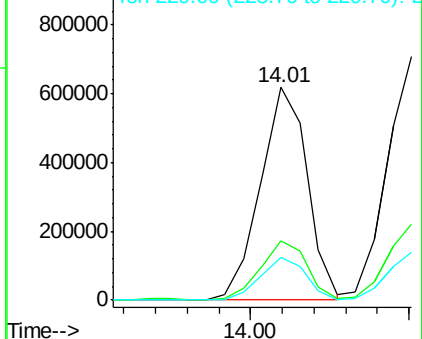
229 20.1 15.8 23.6

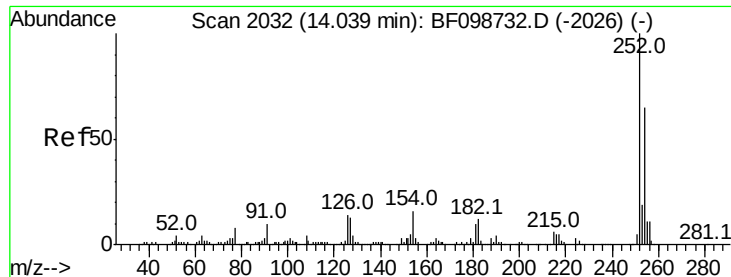


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

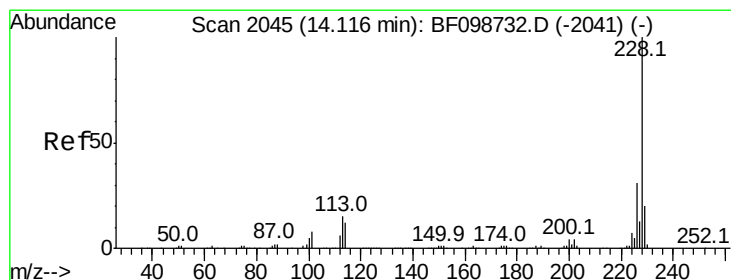
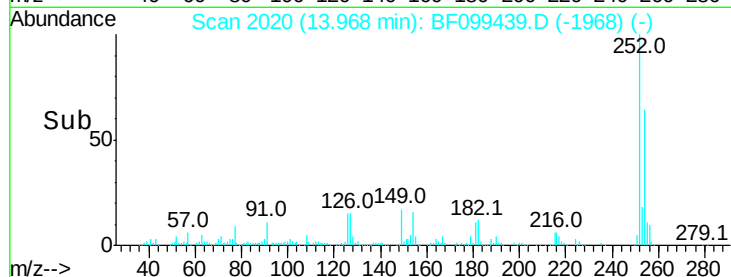
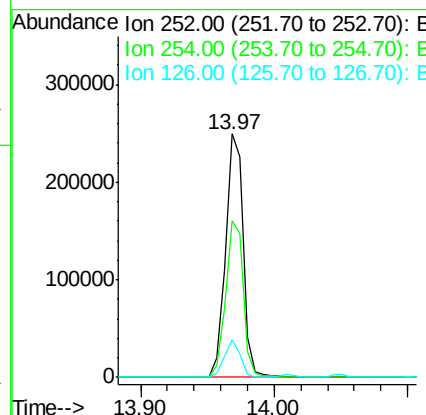
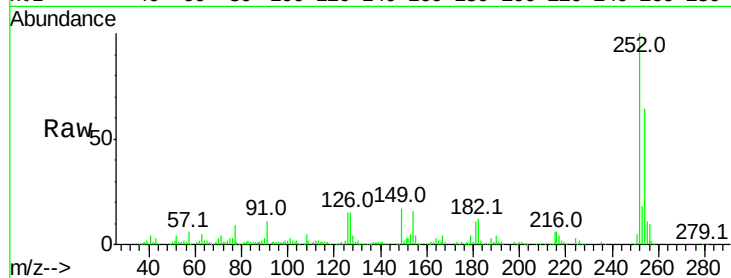




#81
 3,3'-Dichlorobenzidine
 Concen: 42.026 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

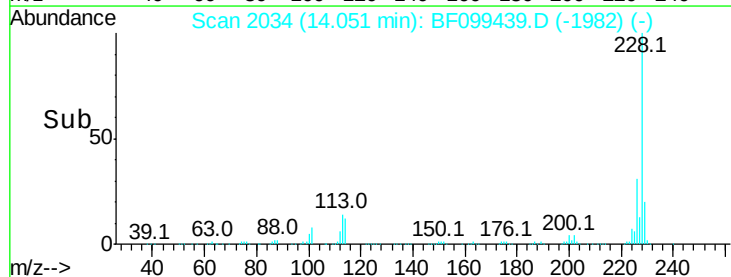
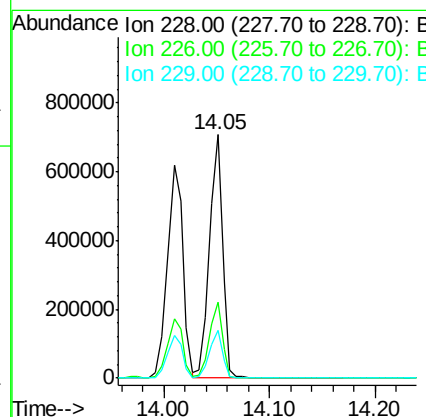
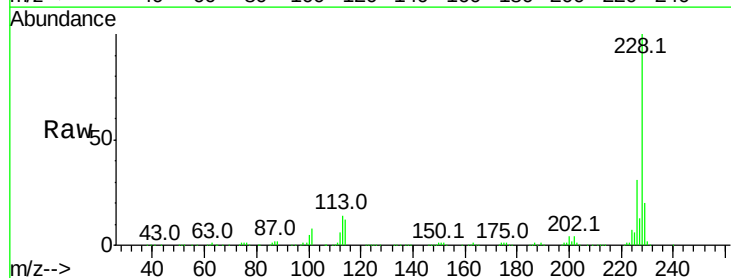
Instrument :
 BNA_F
 ClientSampleId :

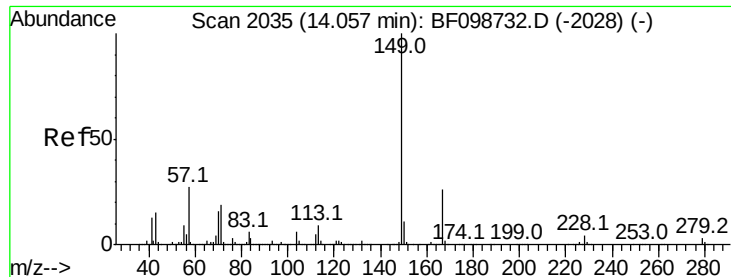
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	15.4	11.3	16.9



#82
 Chrysene
 Concen: 42.372 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.369 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

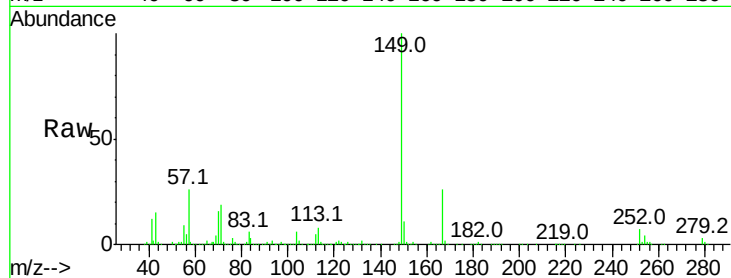
Tot Ion:149 Resp: 511136

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

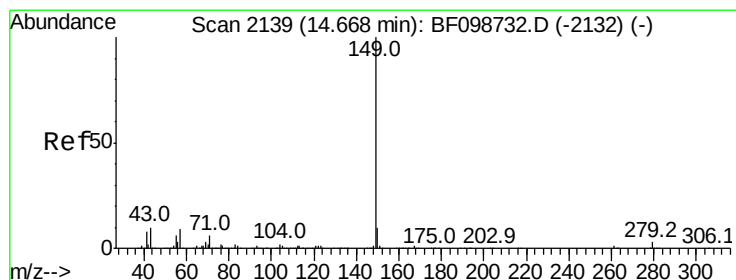
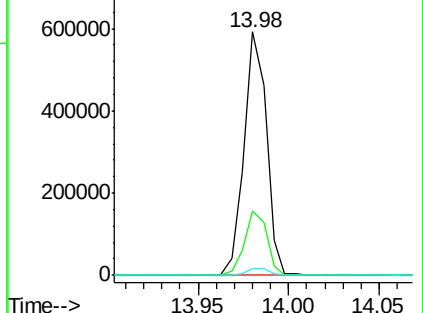
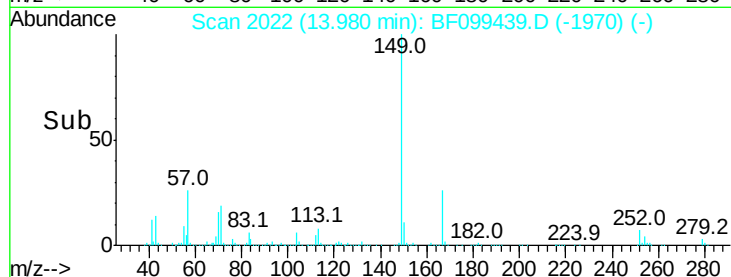
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.420 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

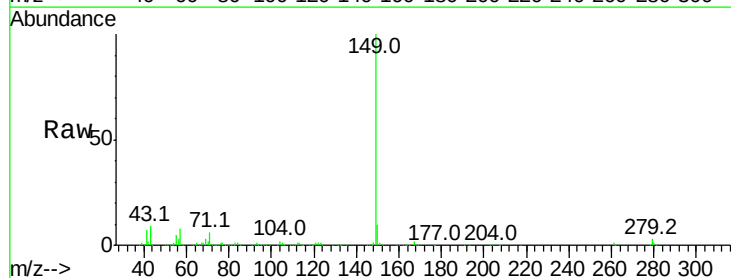
Tgt Ion:149 Resp: 824054

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

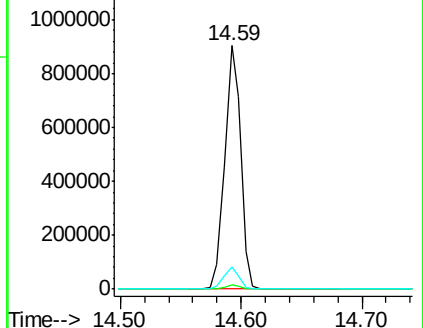
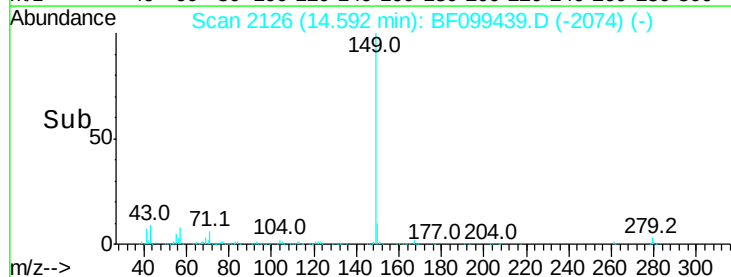
43 9.0 8.4 12.6

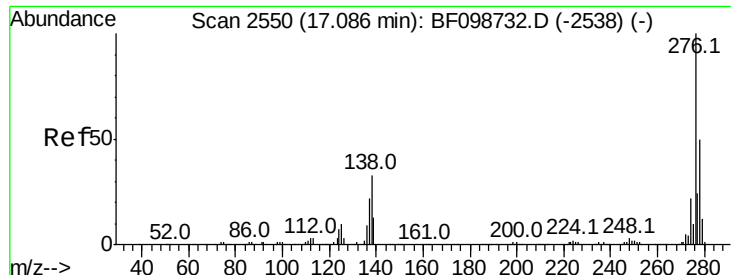


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

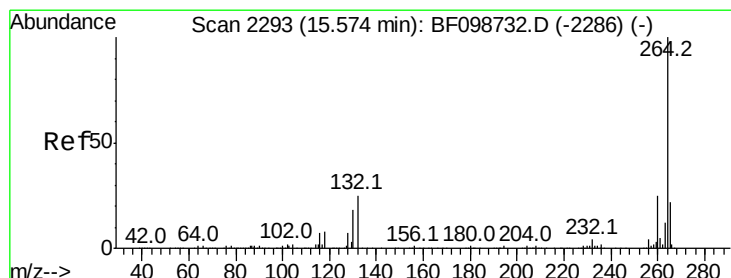
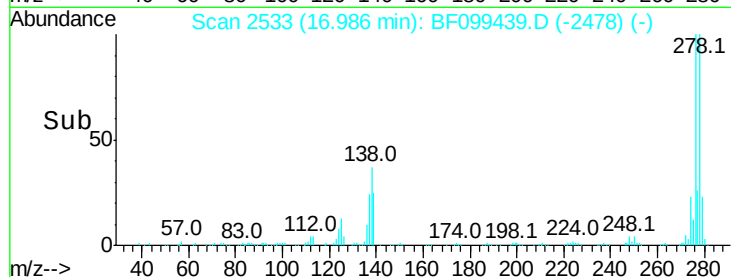
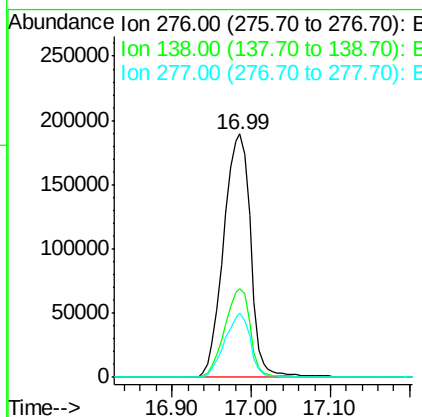
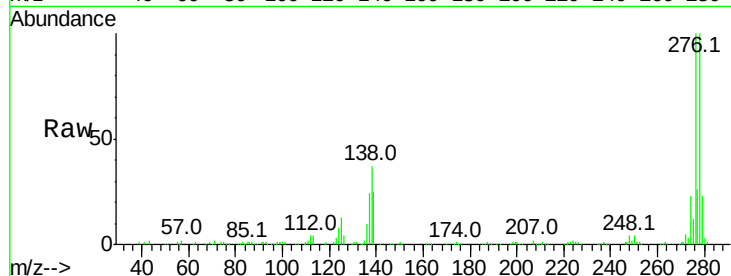




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.723 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

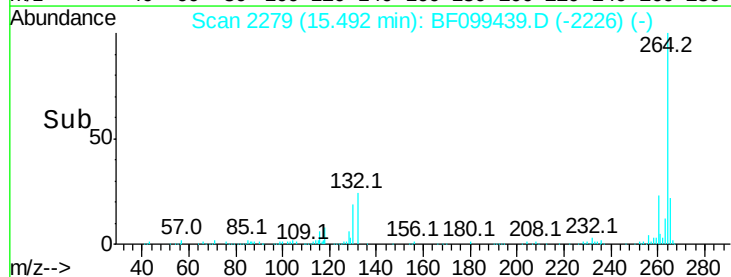
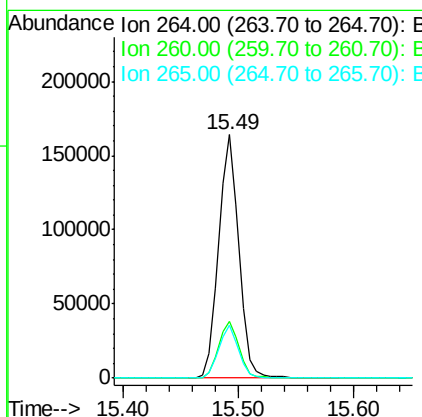
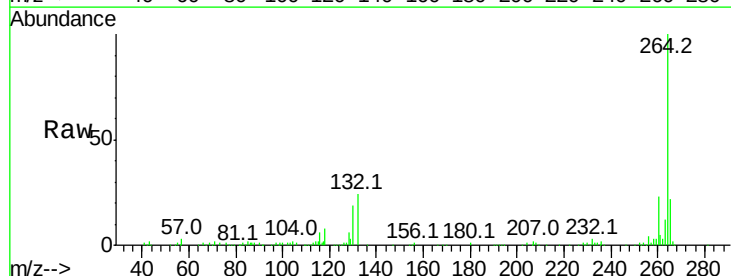
Instrument :
 BNA_F
 ClientSampleId :

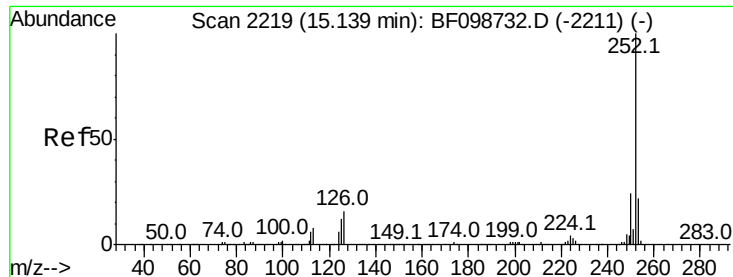
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099439.D
 Acq: 13 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3

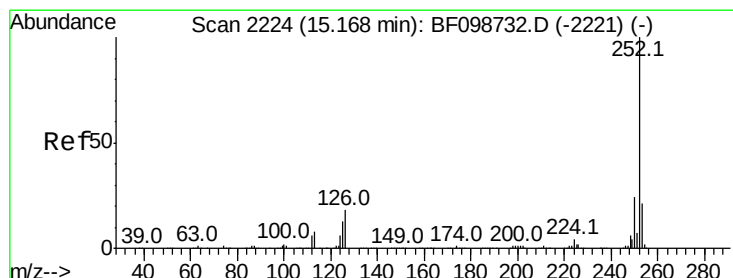
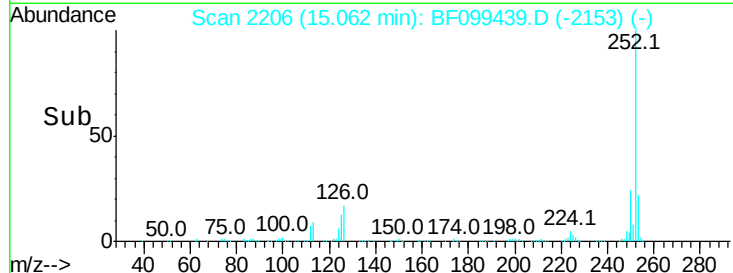
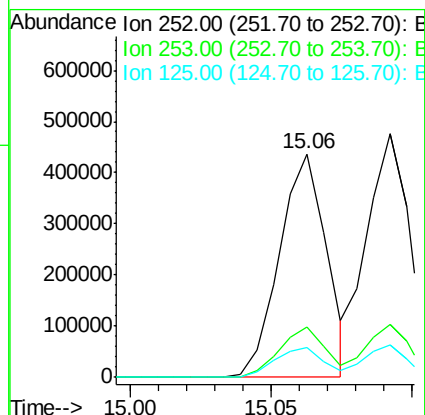
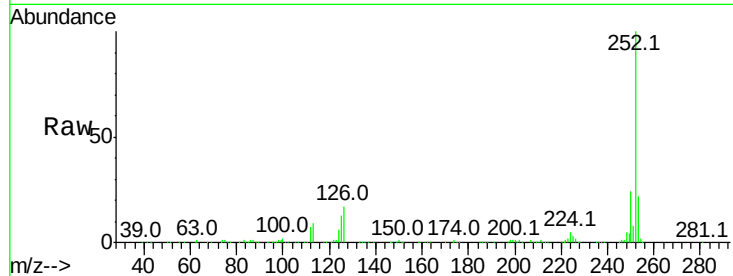




#87
Benzo(b)fluoranthene
Concen: 41.343 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

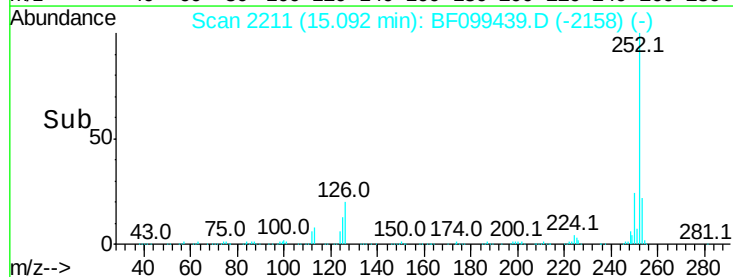
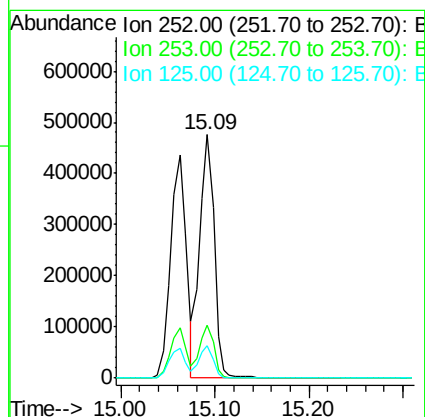
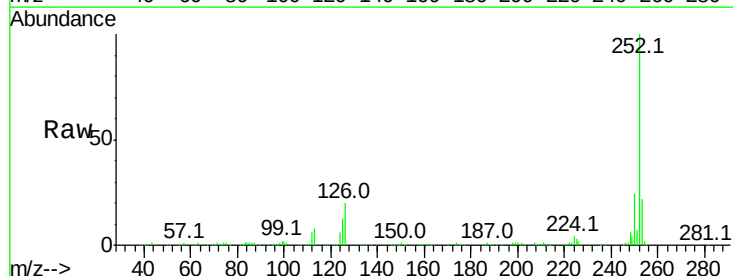
Instrument :
BNA_F
ClientSampleId :

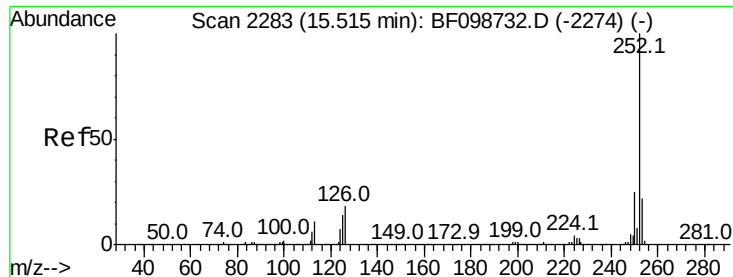
Tot Ion:252 Resp: 505464
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.562 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099439.D
Acq: 13 Oct 2017 14:58

Tgt Ion:252 Resp: 513969
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.045 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampled :

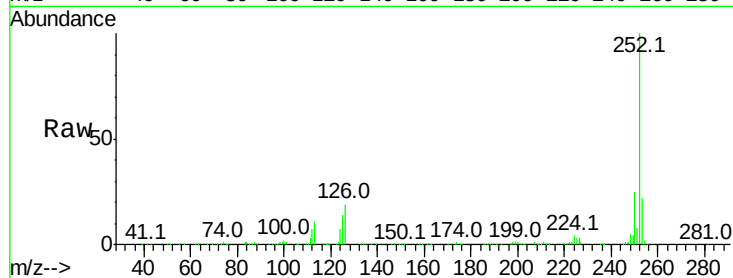
Tot Ion:252 Resp: 471861

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

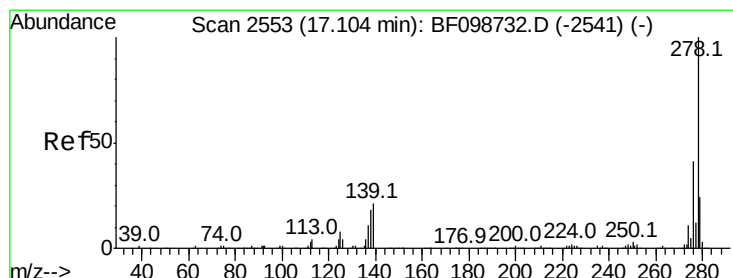
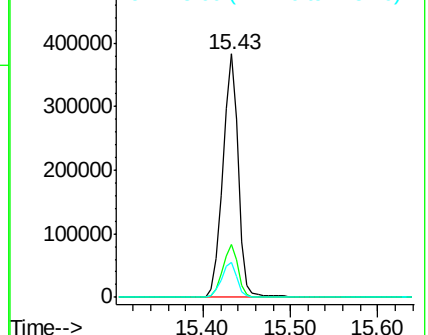
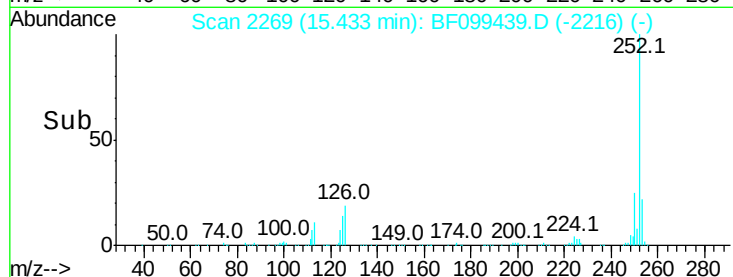
125 14.2 9.8 14.6



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: 40.757 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

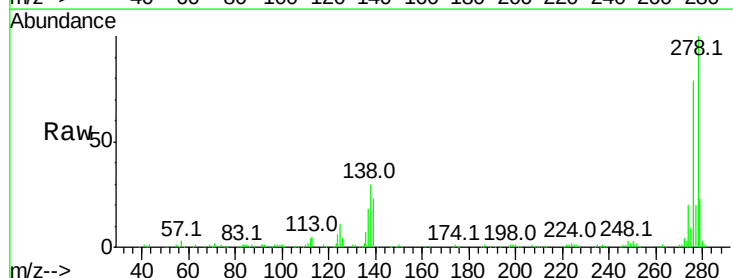
Tgt Ion:278 Resp: 366057

Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

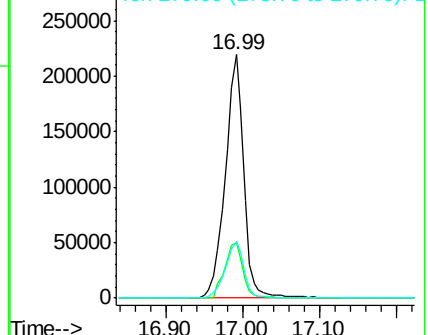
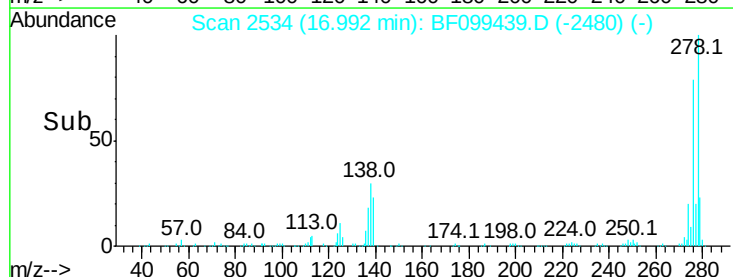
279 23.2 19.0 28.4

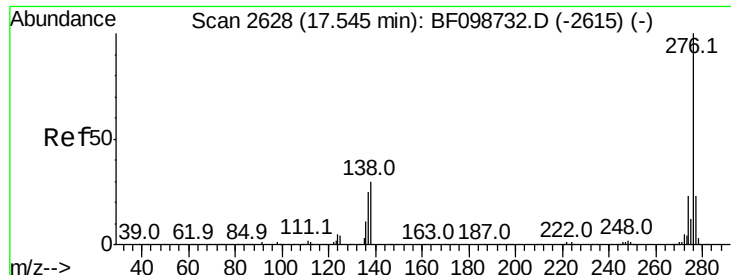


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.068 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF099439.D

Acq: 13 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

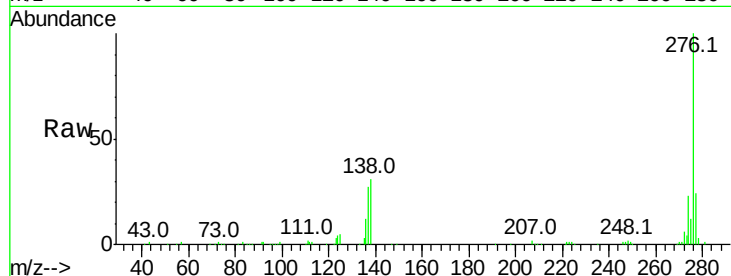
Tot Ion:276 Resp: 373482

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 30.8 21.8 32.8



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

