

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099138.D
 Acq On : 6 Oct 2017 10:12
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 14:30:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171366	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	717810	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	319332	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	550177	20.00	ng	0.00
75) Chrysene-d12	14.03	240	389589	20.00	ng	0.00
86) Perylene-d12	15.50	264	312575	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	829777	77.08	ng	0.00
7) Phenol-d6	6.50	99	1054348	79.40	ng	0.00
23) Nitrobenzene-d5	7.44	82	878105	78.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	209810	80.29	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1466385	76.66	ng	0.00
78) Terphenyl-d14	12.97	244	1355543	79.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	190914	37.127	ng	96
3) Pyridine	3.40	79	523188	37.610	ng	94
4) n-Nitrosodimethylamine	3.38	42	208590	35.361	ng	83
6) Aniline	6.54	93	696659	38.870	ng	98
8) 2-Chlorophenol	6.66	128	478174	39.224	ng	95
9) Benzaldehyde	6.42	77	269546	34.992	ng	93
10) Phenol	6.52	94	610351	41.096	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	455541	39.455	ng	95
12) 1,3-Dichlorobenzene	6.81	146	505712	39.611	ng	98
13) 1,4-Dichlorobenzene	6.89	146	506273	38.975	ng	98
14) 1,2-Dichlorobenzene	7.04	146	470026	39.161	ng	99
15) Benzyl Alcohol	7.01	79	358903	36.841	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	645730	35.897	ng	97
17) 2-Methylphenol	7.12	107	393284	39.428	ng	97
18) Hexachloroethane	7.38	117	177564	38.030	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	300347	35.425	ng	96
20) 3+4-Methylphenols	7.27	107	451419	35.773	ng	# 85
22) Acetophenone	7.29	105	620262	35.665	ng	# 93
24) Nitrobenzene	7.46	77	482372	37.991	ng	95
25) Isophorone	7.69	82	882742	38.145	ng	99
26) 2-Nitrophenol	7.77	139	274513	44.960	ng	88
27) 2,4-Dimethylphenol	7.80	122	445429	38.630	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	563085	39.045	ng	99
29) 2,4-Dichlorophenol	8.01	162	396851	40.086	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	393013	39.692	ng	100
31) Naphthalene	8.17	128	1283282	38.065	ng	99
32) Benzoic acid	7.95	122	343517	36.268	ng	96
33) 4-Chloroaniline	8.22	127	548585	38.966	ng	98
34) Hexachlorobutadiene	8.29	225	197603	38.746	ng	99
35) Caprolactam	8.62	113	126030	39.686	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	429438	38.593	ng	97
37) 2-Methylnaphthalene	8.86	142	845200	38.565	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	380251	39.928	ng	99
40) Hexachlorocyclopentadiene	9.01	237	146829	33.737	ng	98

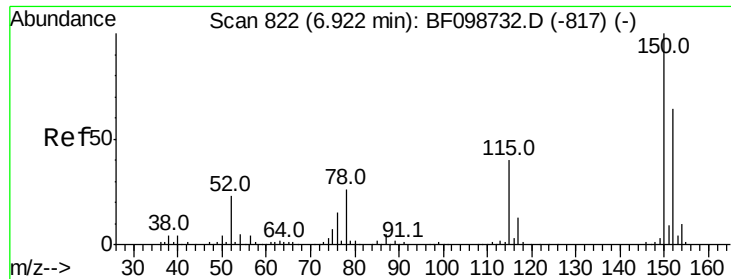
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
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 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263246	39.019	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	267447	39.711	ng	97
45) 1,1'-Biphenyl	9.33	154	1058911	38.583	ng	100
46) 2-Chloronaphthalene	9.36	162	815491	39.575	ng	96
47) 2-Nitroaniline	9.45	65	245007	38.831	ng	94
48) Acenaphthylene	9.77	152	1223990	38.802	ng	100
49) Dimethylphthalate	9.63	163	957620	39.733	ng	99
50) 2,6-Dinitrotoluene	9.69	165	219864	41.902	ng	93
51) Acenaphthene	9.94	154	721933	36.129	ng	99
52) 3-Nitroaniline	9.87	138	258024	42.174	ng	88
53) 2,4-Dinitrophenol	9.97	184	95906	38.378	ng	94
54) Dibenzofuran	10.11	168	1025997	38.564	ng	99
55) 4-Nitrophenol	10.02	139	191102	36.940	ng	91
56) 2,4-Dinitrotoluene	10.10	165	282890	41.542	ng	94
57) Fluorene	10.46	166	819983	38.346	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	179655	38.616	ng	99
59) Diethylphthalate	10.33	149	891815	37.868	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	368469	38.359	ng	94
61) 4-Nitroaniline	10.49	138	257099	43.558	ng	89
62) Azobenzene	10.60	77	786720	36.331	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	152590	45.584	ng	80
65) n-Nitrosodiphenylamine	10.57	169	753165	39.516	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	215048	39.932	ng	96
67) Hexachlorobenzene	11.00	284	233413	40.581	ng	92
68) Atrazine	11.09	200	226223	39.450	ng	100
69) Pentachlorophenol	11.19	266	127528	35.626	ng	98
70) Phenanthrene	11.42	178	1152951	39.150	ng	100
71) Anthracene	11.47	178	1184559	39.312	ng	100
72) Carbazole	11.63	167	1166000	39.515	ng	99
73) Di-n-butylphthalate	11.95	149	1352087	38.068	ng	99
74) Fluoranthene	12.60	202	1165681	39.089	ng	99
76) Benzidine	12.72	184	535835	37.186	ng	99
77) Pyrene	12.84	202	1213294	40.841	ng	100
79) Butylbenzylphthalate	13.45	149	567031	40.613	ng	92
80) Benzo(a)anthracene	14.02	228	948389	40.202	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	352936	40.811	ng	98
82) Chrysene	14.06	228	890311	39.641	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	734282	38.195	ng	99
84) Di-n-octyl phthalate	14.61	149	1165840	37.661	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	704414	39.208	ng	96
87) Benzo(b)fluoranthene	15.07	252	749890	39.019	ng	97
88) Benzo(k)fluoranthene	15.10	252	748073	39.409	ng	99
89) Benzo(a)pyrene	15.44	252	701975	39.792	ng	# 97
90) Dibenzo(a,h)anthracene	17.00	278	563467	39.911	ng	96
91) Benzo(g,h,i)perylene	17.44	276	591604	42.392	ng	95

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

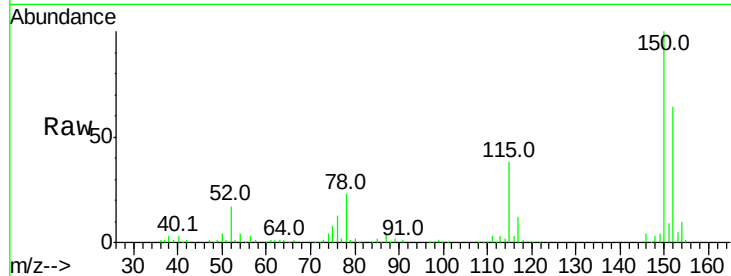


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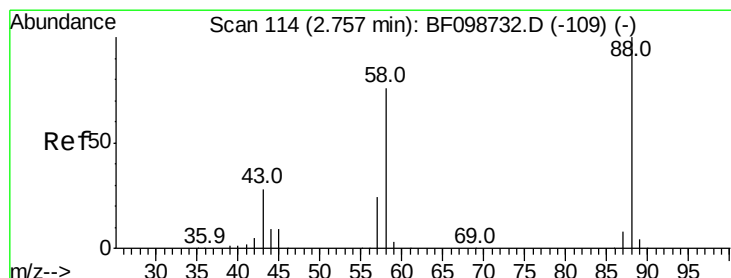
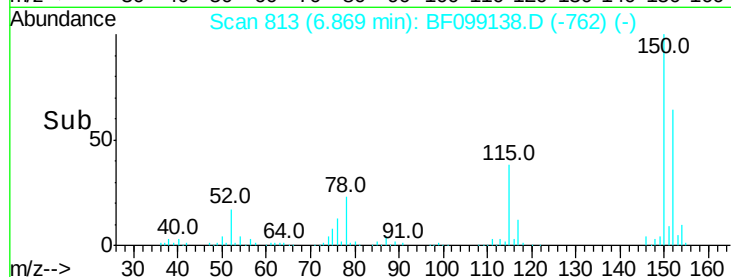
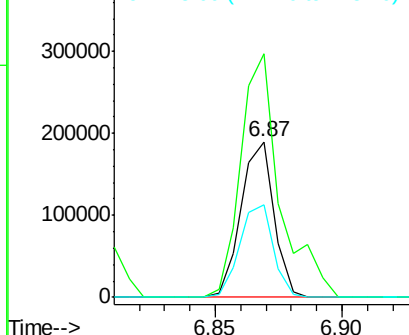
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171366
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.8 50.1 75.1



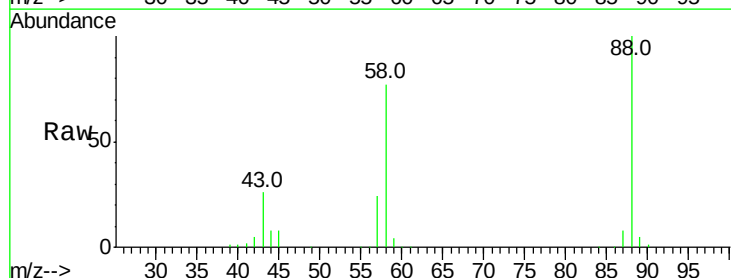
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



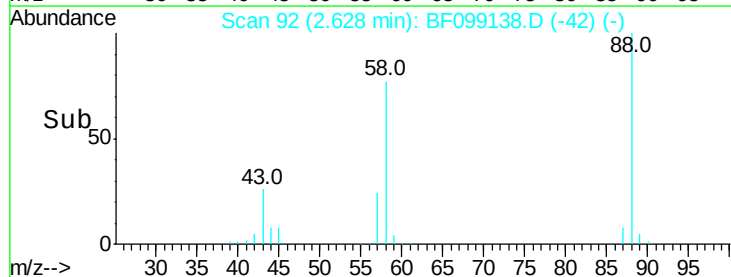
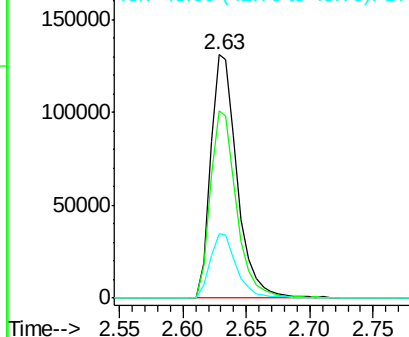
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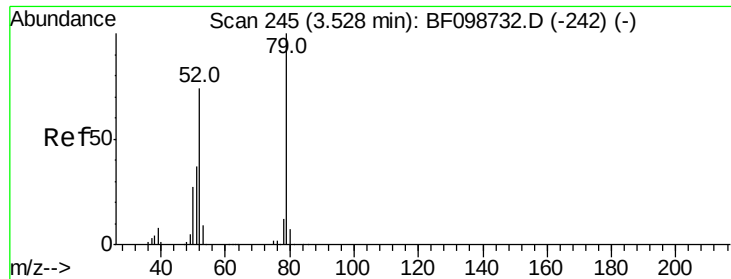
1,4-Dioxane
Concen: 37.127 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion: 88 Resp: 190914
Ion Ratio Lower Upper
88 100
58 76.1 62.6 93.8
43 26.9 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

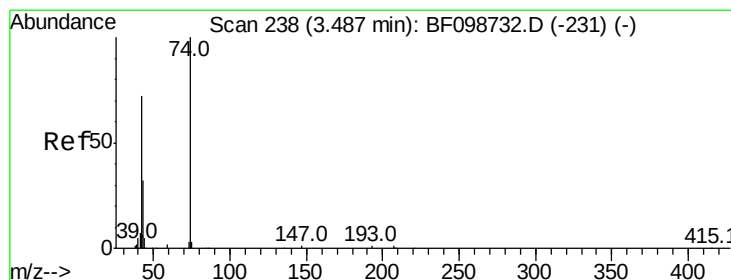
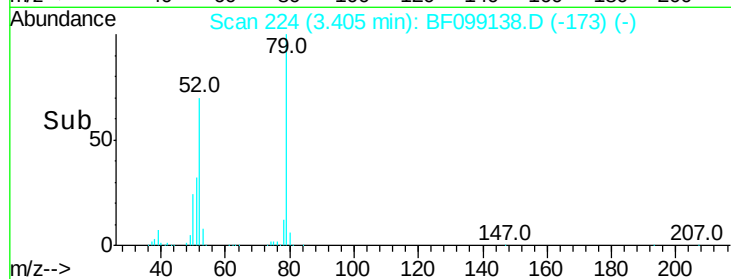
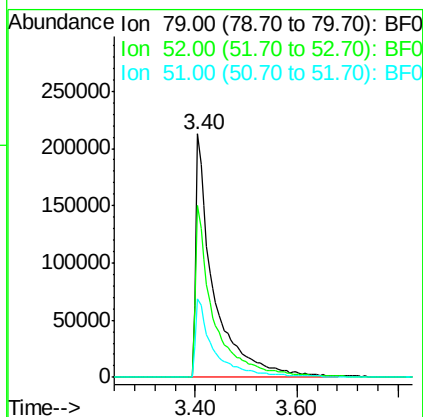
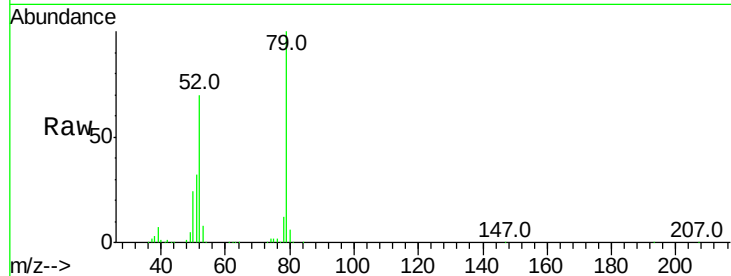




#3
 Pvridine
 Concen: 37.610 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

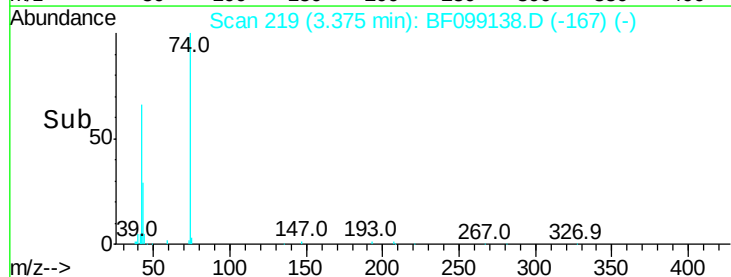
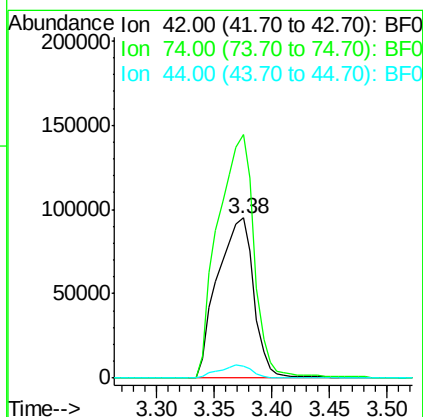
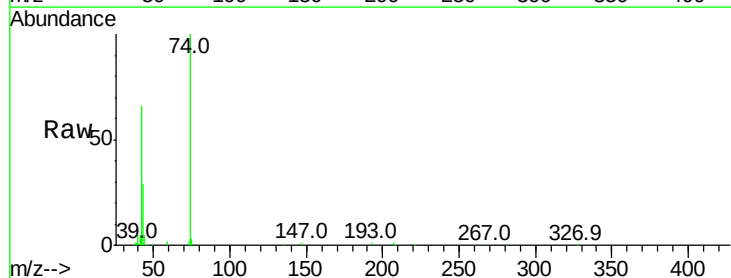
Instrument :
 BNA_F
 ClientSampleId :

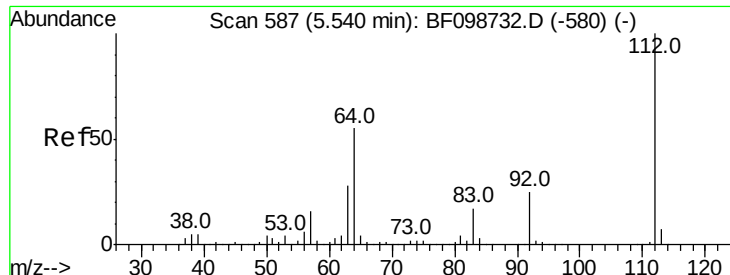
Tot Ion: 79 Resp: 523188
 Ion Ratio Lower Upper
 79 100
 52 70.4 59.8 89.6
 51 32.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.361 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion: 42 Resp: 208590
 Ion Ratio Lower Upper
 42 100
 74 152.0 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 77.082 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

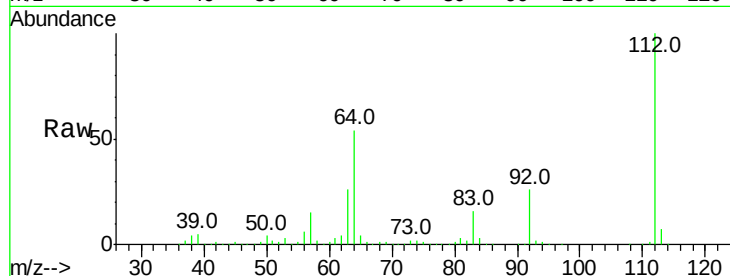
Tot Ion:112 Resp: 829777

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

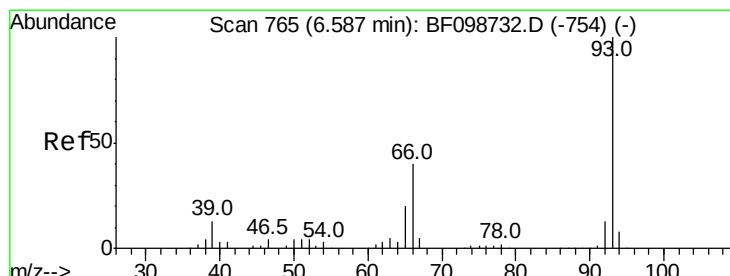
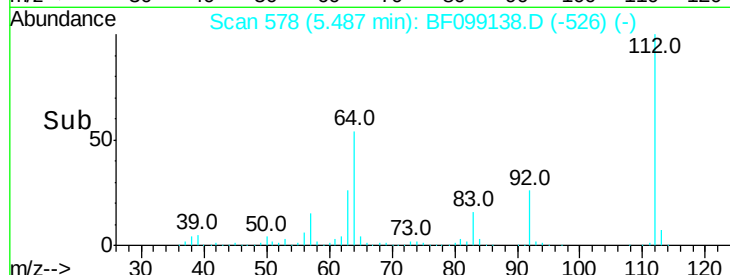
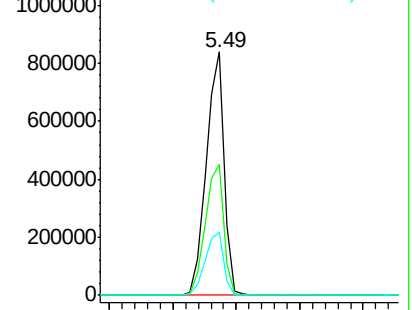
63 26.0 23.7 35.5



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: 38.870 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

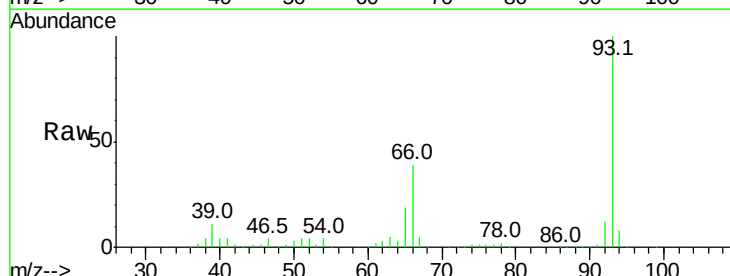
Tgt Ion: 93 Resp: 696659

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

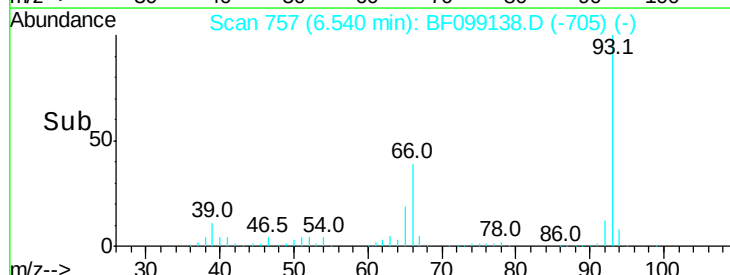
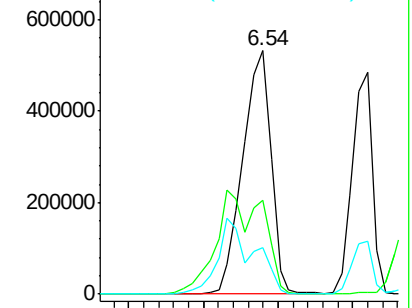
65 19.2 16.4 24.6

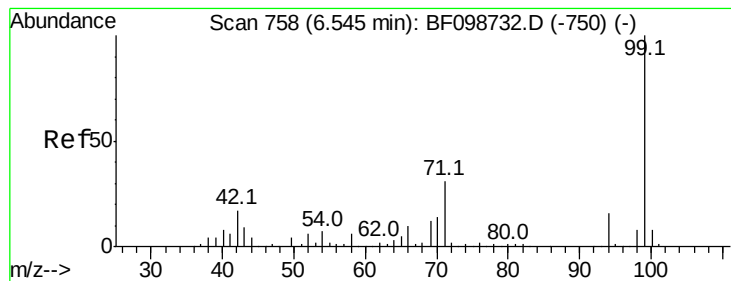


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.396 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

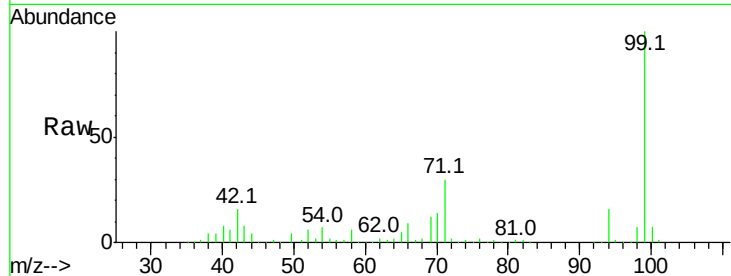
Tot Ion: 99 Resp: 1054348

Ion Ratio Lower Upper

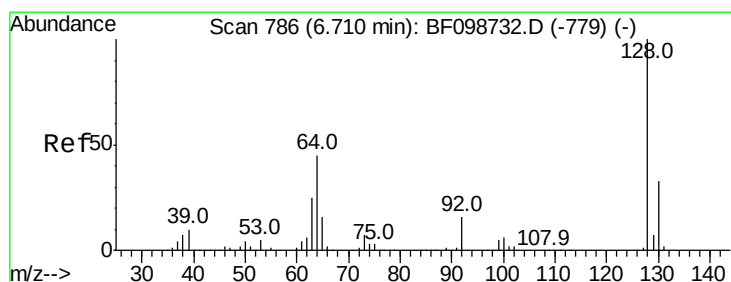
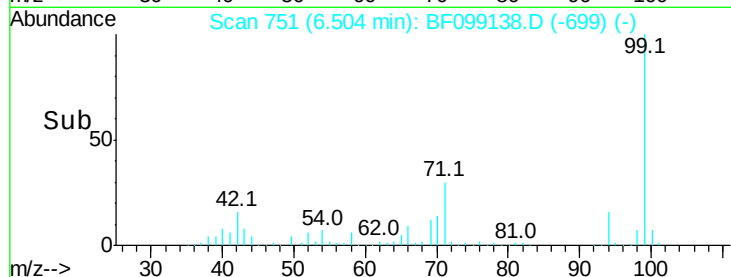
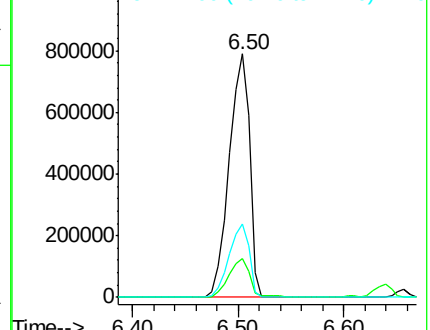
99 100

42 15.7 14.5 21.7

71 30.4 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: 39.224 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

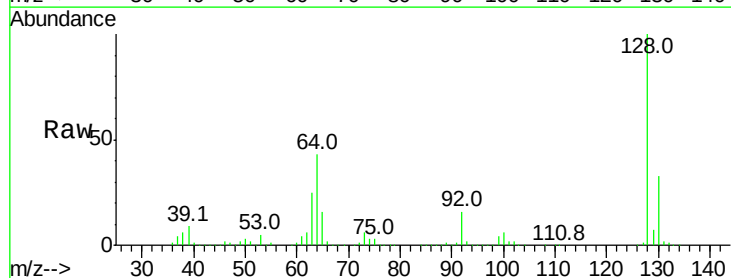
Tgt Ion: 128 Resp: 478174

Ion Ratio Lower Upper

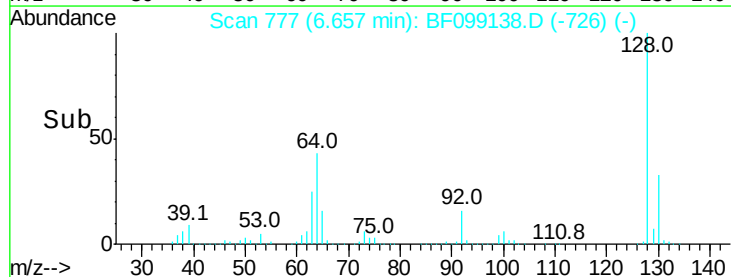
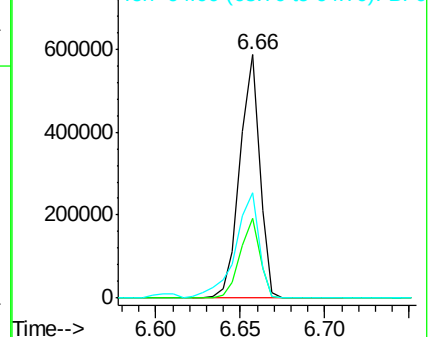
128 100

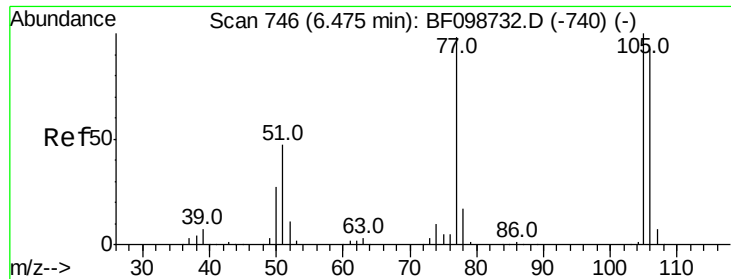
130 32.8 13.0 53.0

64 43.5 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

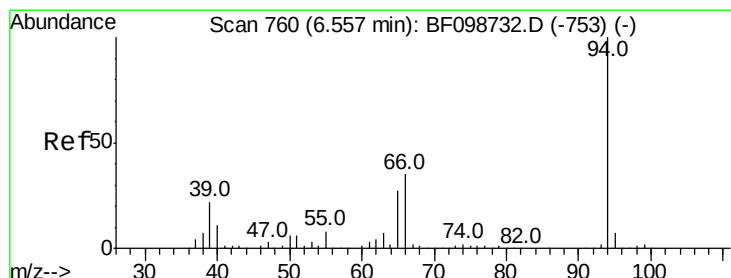
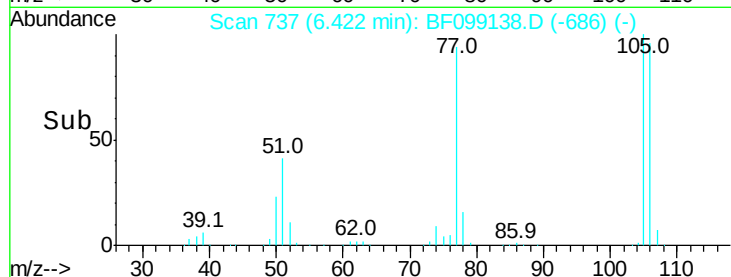
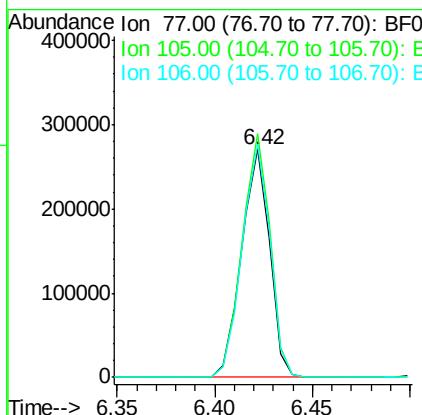
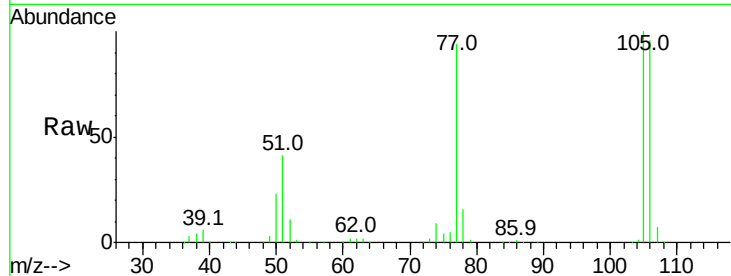




#9
Benzaldehyde
Concen: 34.992 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

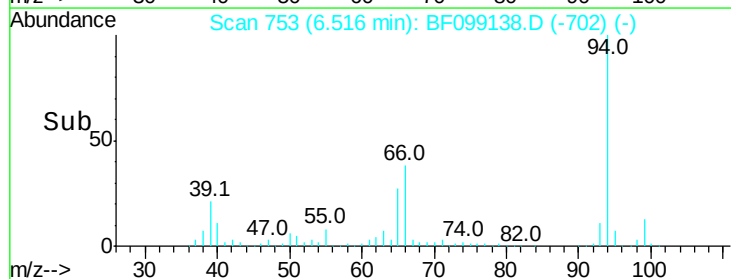
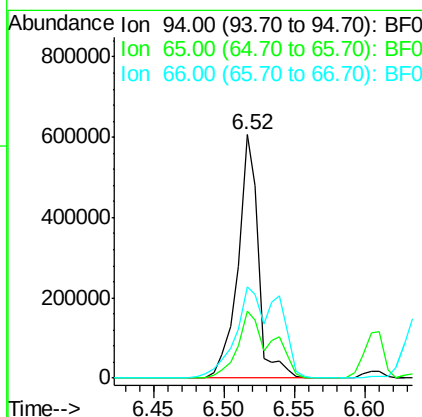
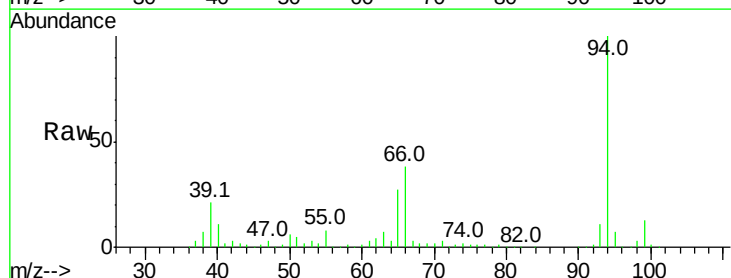
Instrument :
BNA_F
ClientSampled :

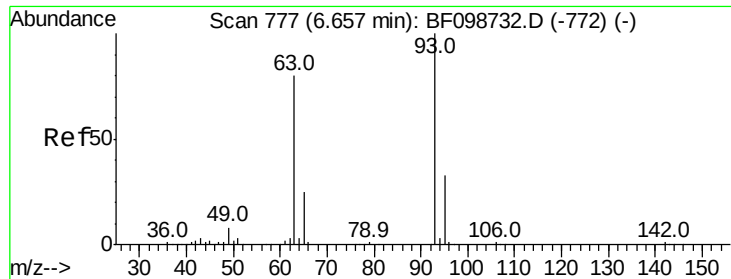
Tot Ion	Ratio	Lower	Upper
77	100		
105	106.8	81.1	121.1
106	102.2	74.5	114.5



#10
Phenol
Concen: 41.096 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	37.5	16.2	56.2

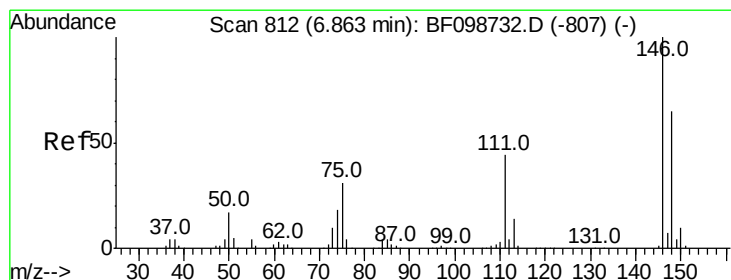
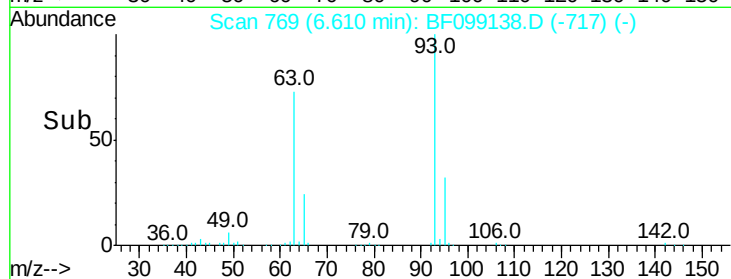
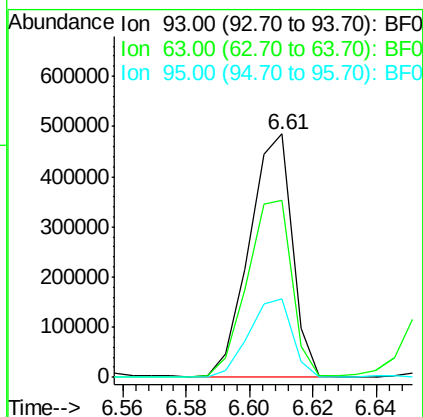
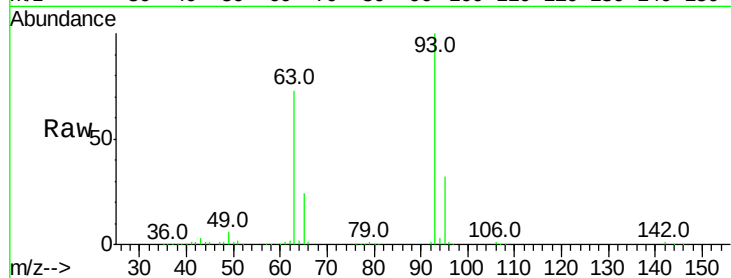




#11
bis(2-Chloroethyl)ether
Concen: 39.455 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

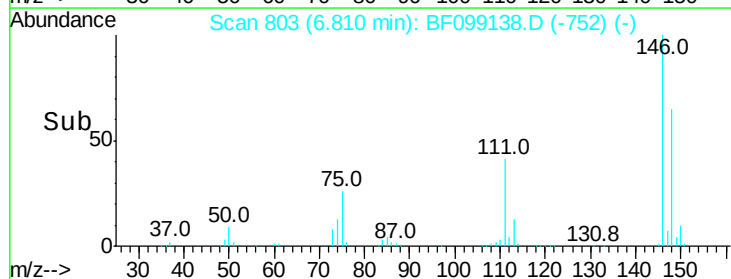
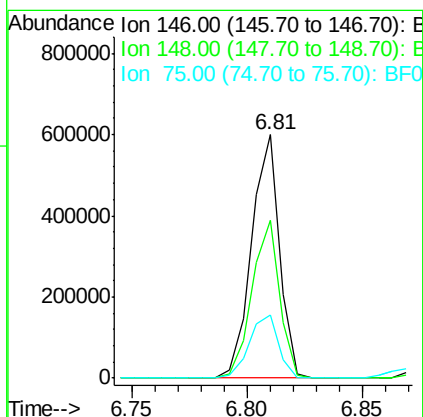
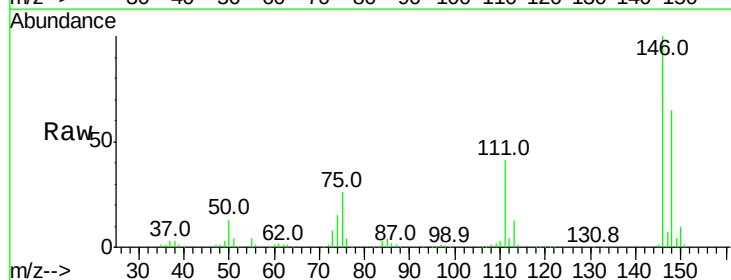
Instrument :
BNA_F
ClientSampleId :

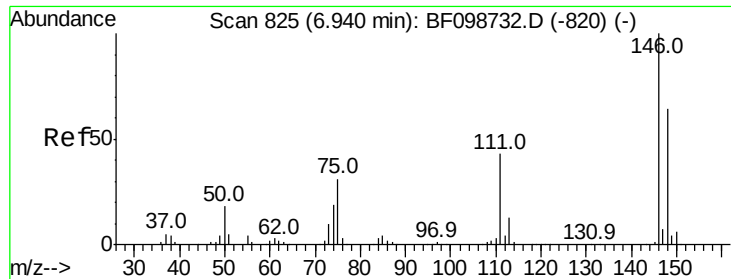
Tot Ion: 93 Resp: 455541
Ion Ratio Lower Upper
93 100
63 72.9 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.611 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion: 146 Resp: 505712
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 26.2 24.2 36.4

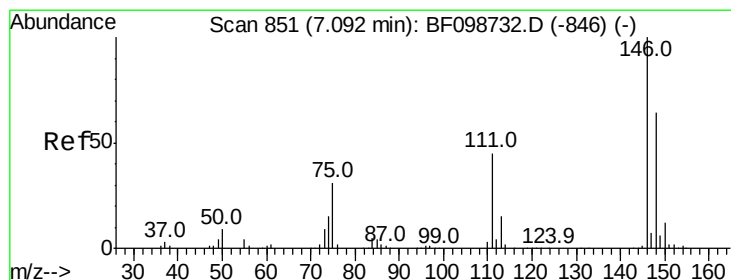
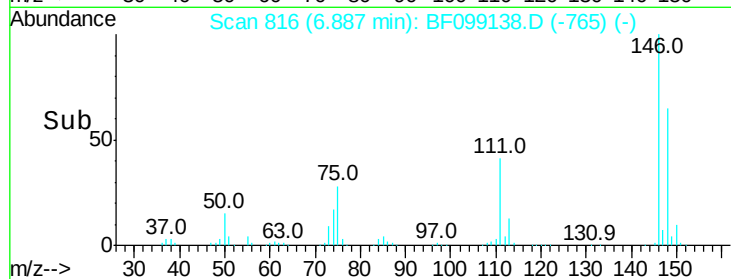
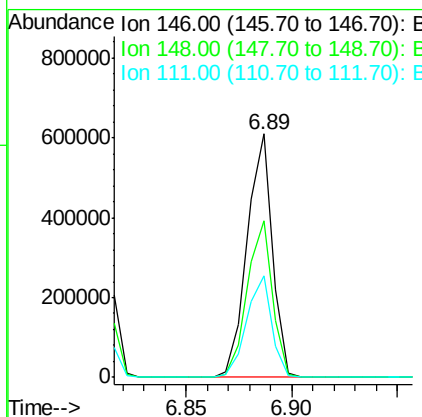
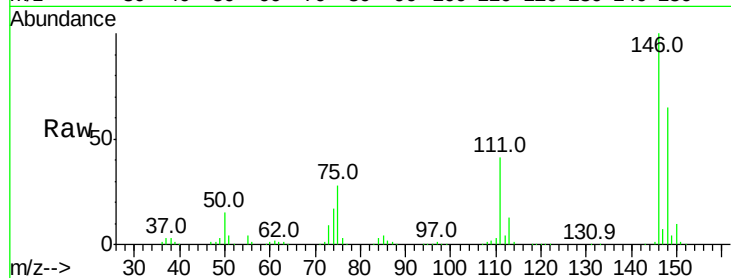




#13
 1,4-Dichlorobenzene
 Concen: 38.975 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

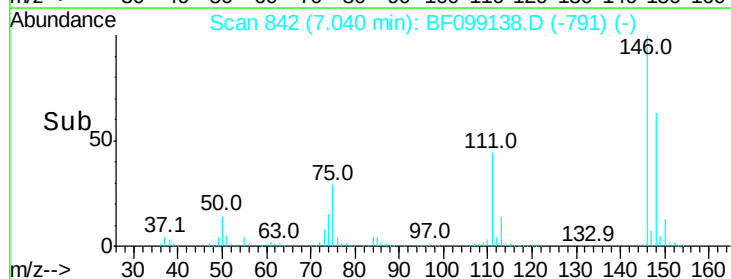
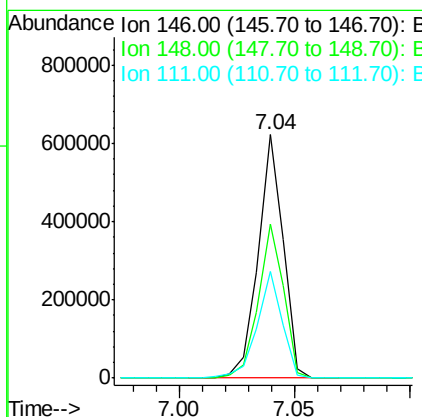
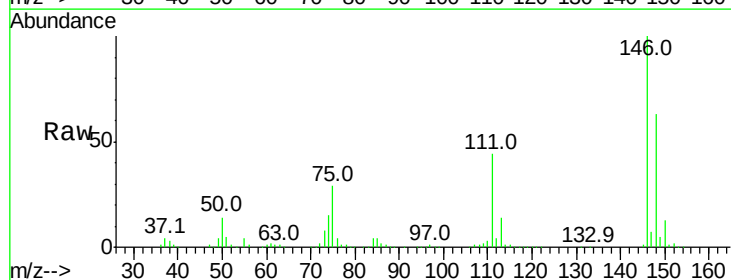
Instrument :
 BNA_F
 ClientSampleId :

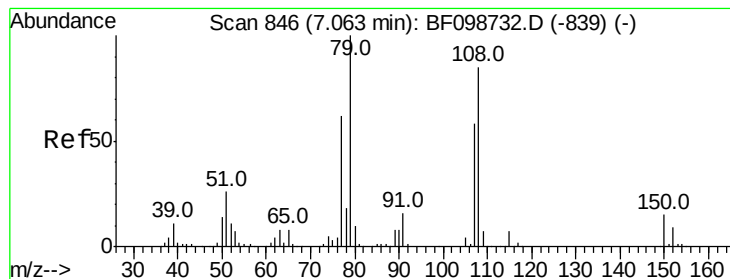
Tot Ion:146 Resp: 506273
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.161 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:146 Resp: 470026
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.841 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

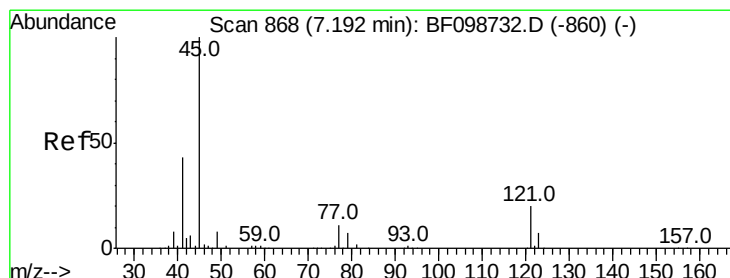
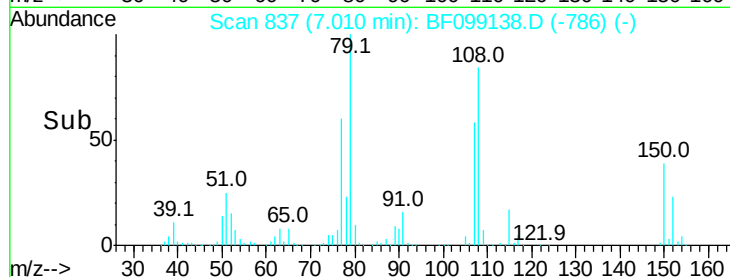
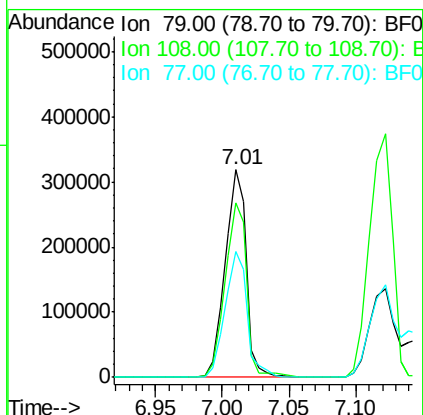
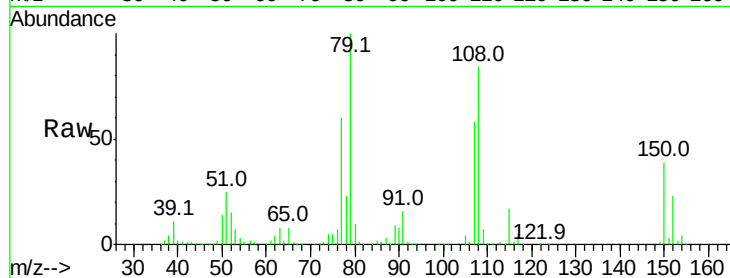
Tot Ion: 79 Resp: 358903

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.897 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

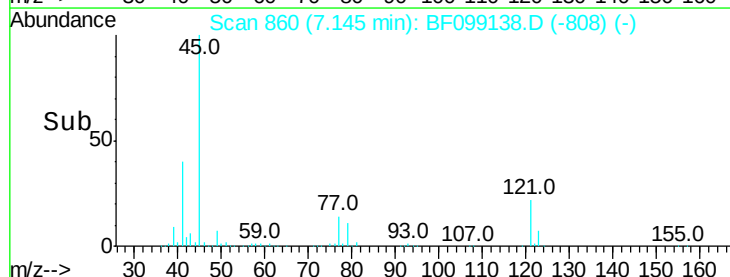
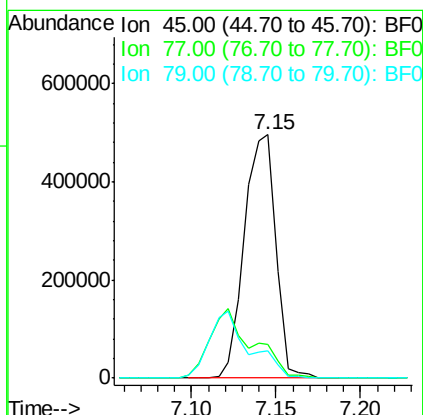
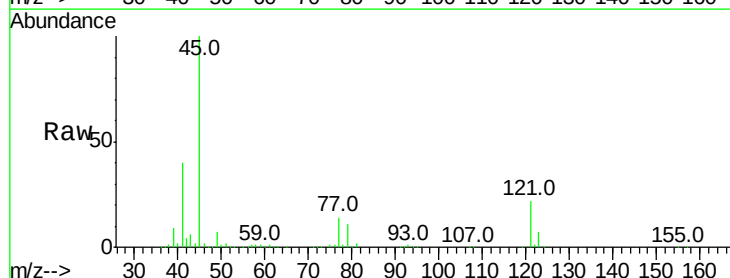
Tgt Ion: 45 Resp: 645730

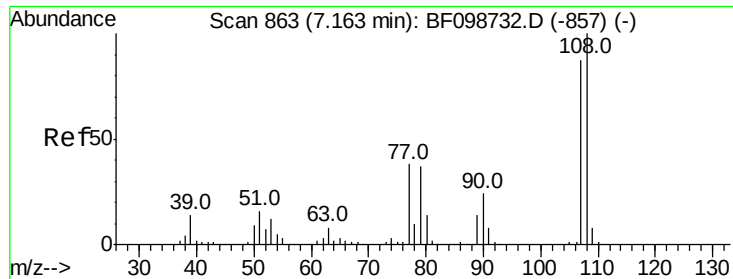
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 11.3 0.0 29.6

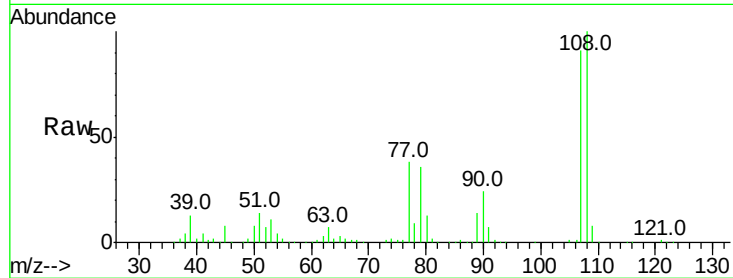




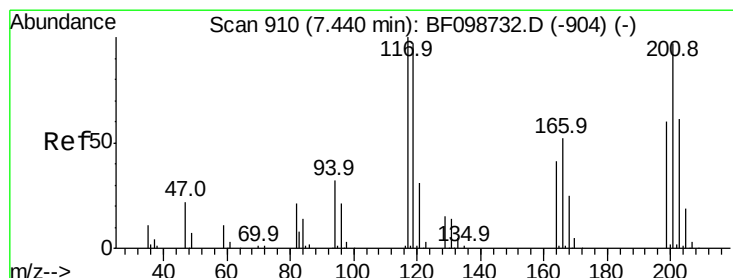
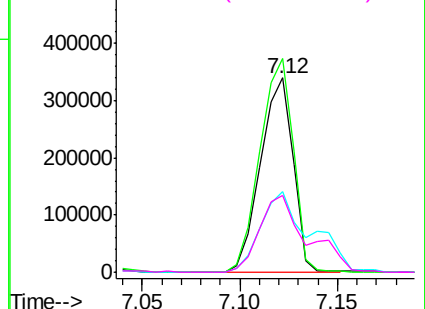
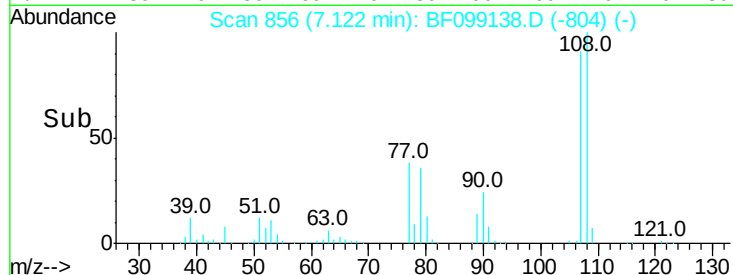
#17
2-Methylphenol
Concen: 39.428 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 393284
Ion Ratio Lower Upper
107 100
108 110.0 91.7 137.5
77 41.8 33.8 50.8
79 39.8 33.8 50.8

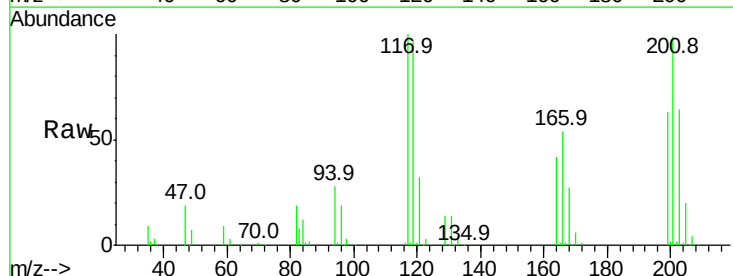


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

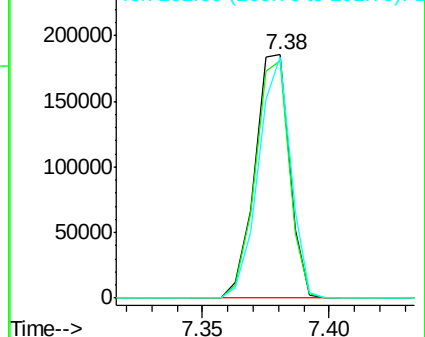
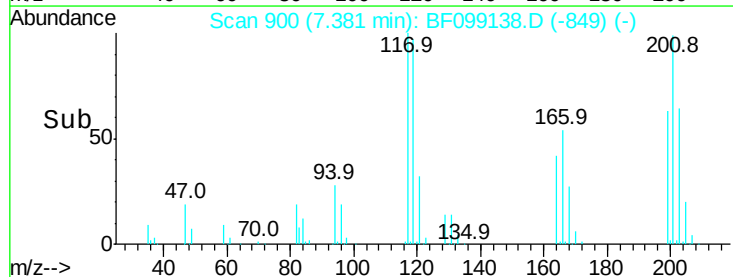


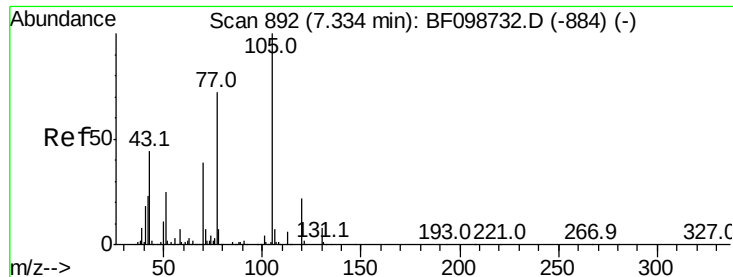
#18
Hexachloroethane
Concen: 38.030 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:117 Resp: 177564
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
201 99.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

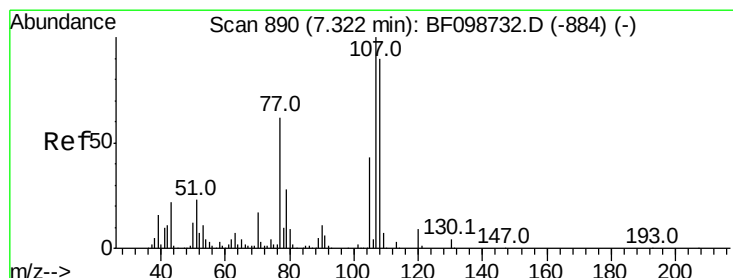
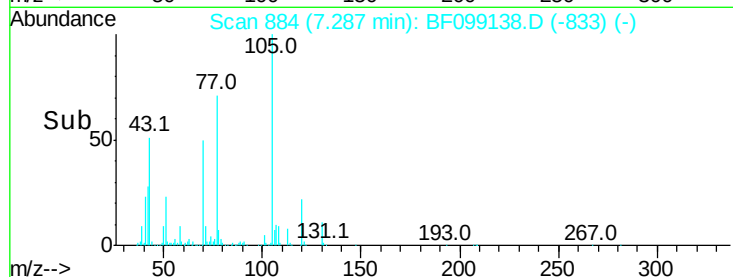
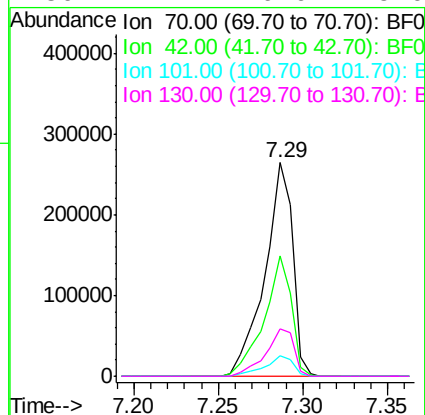
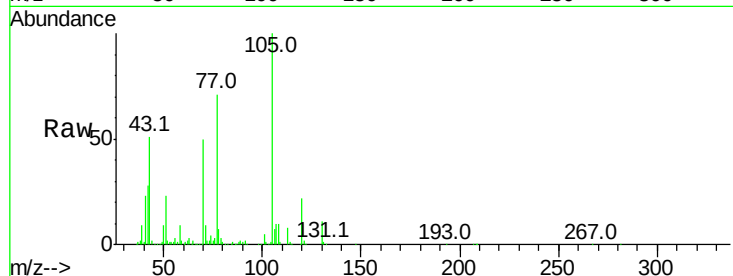




#19
n-Nitroso-di-n-propylamine
Concen: 35.425 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

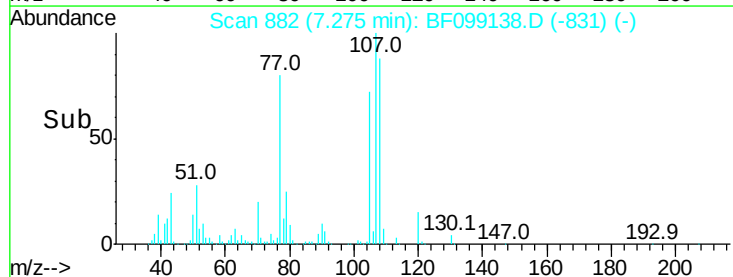
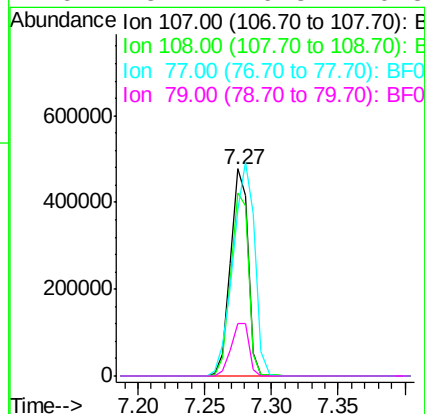
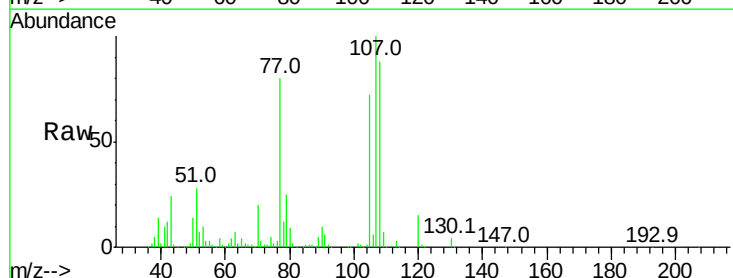
Instrument :
BNA_F
ClientSampleId :

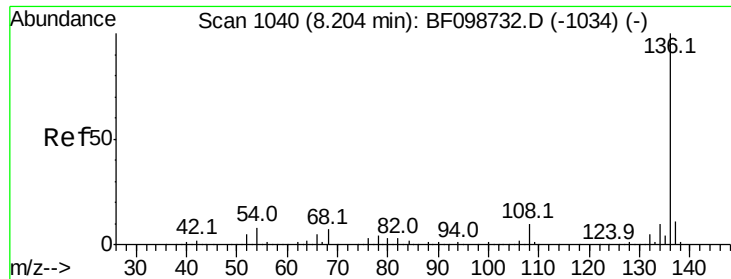
Tot Ion:	70	Resp:	300347
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	9.7	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.773 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:	107	Resp:	451419
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	80.3	26.7	66.7
79	25.2	6.3	46.3

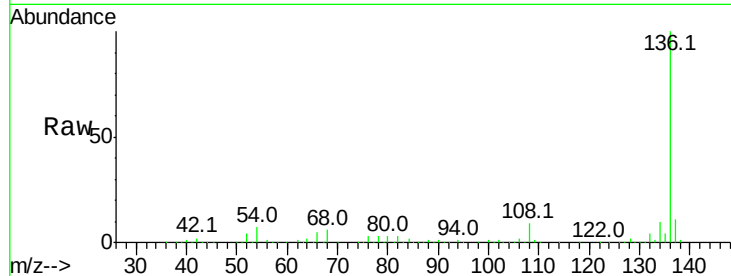




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 717810
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 7.2	6.6 9.8
68 5.9	5.0 7.4

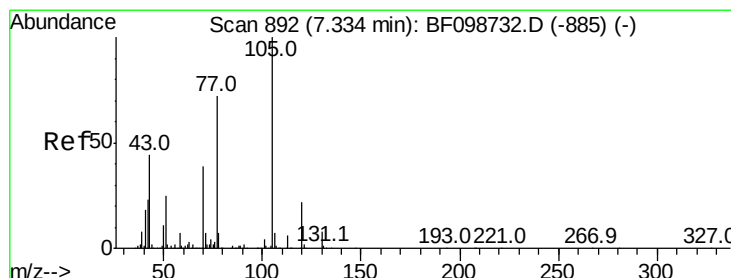
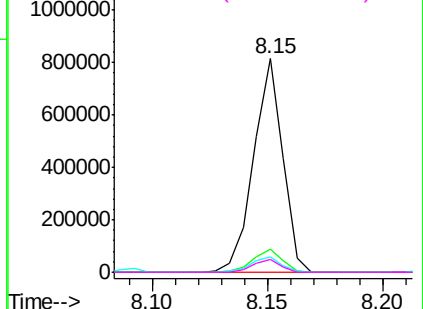
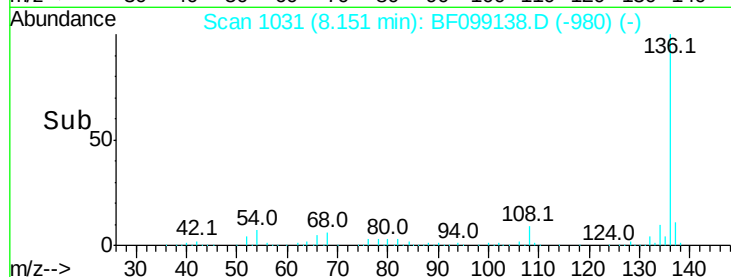


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

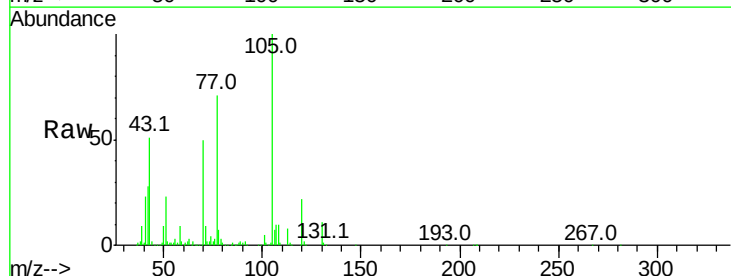
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 35.665 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt	Ion:105	Resp:	620262
Ion	Ratio	Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	22.7	22.3	33.5
120	22.2	16.9	25.3

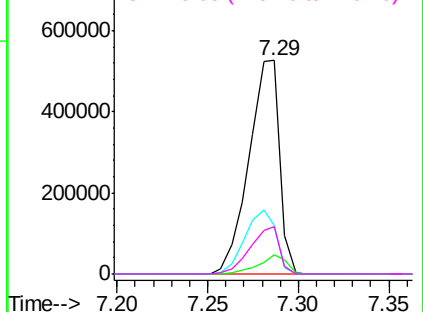
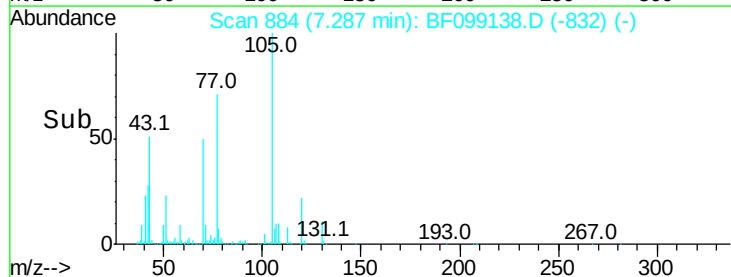


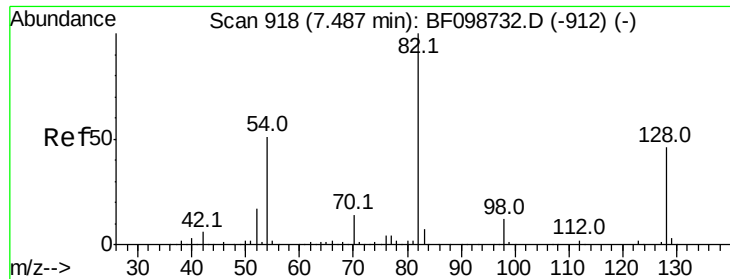
Abundance Ion 105.00 (104.70 to 105.70): E

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

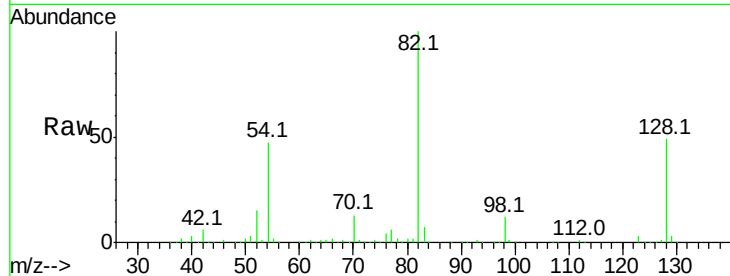




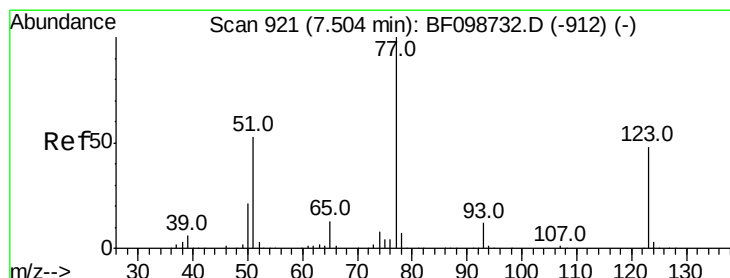
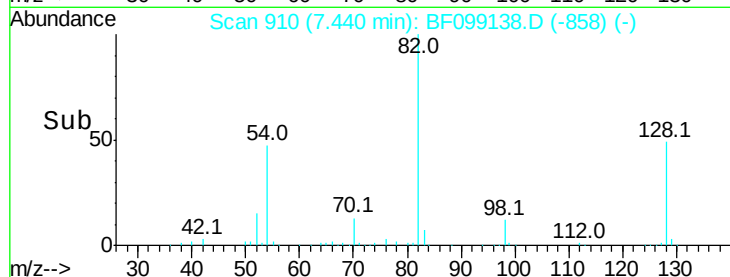
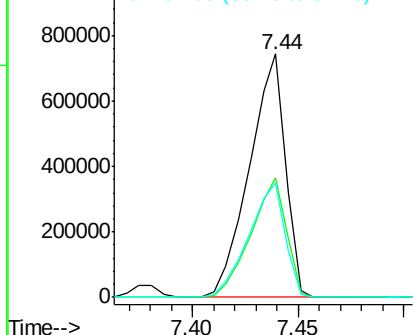
#23
Nitrobenzene-d5
Concen: 78.451 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 878105
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 46.9 41.4 62.2

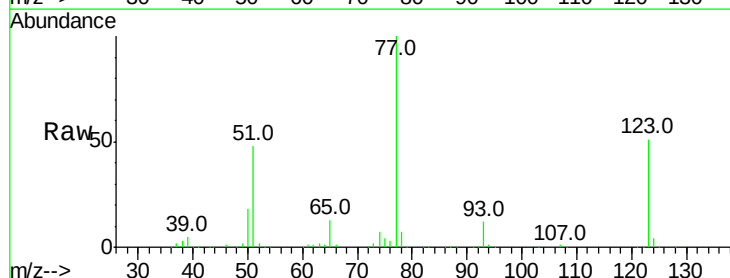


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

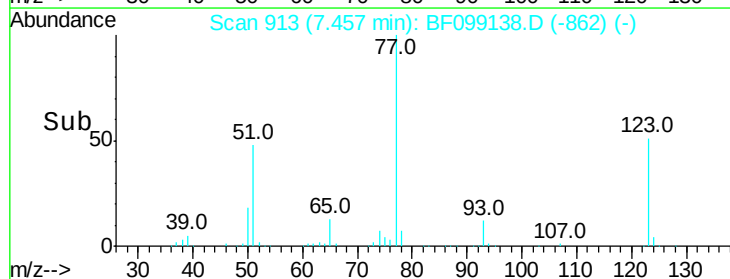
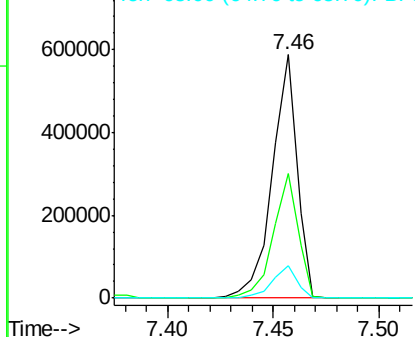


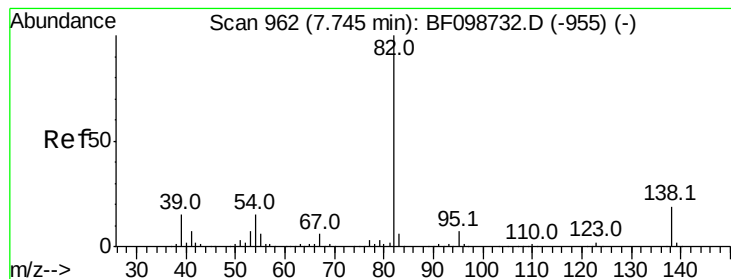
#24
Nitrobenzene
Concen: 37.991 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion: 77 Resp: 482372
Ion Ratio Lower Upper
77 100
123 51.3 37.9 56.9
65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 38.145 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

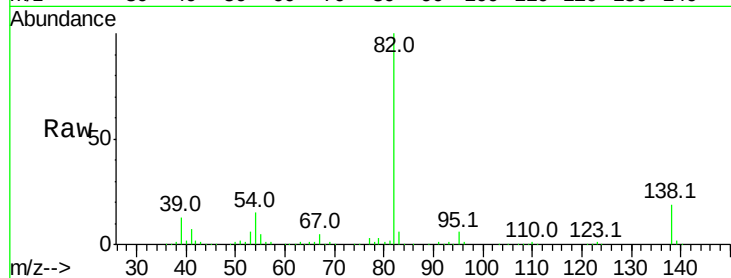
Tot Ion: 82 Resp: 882742

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

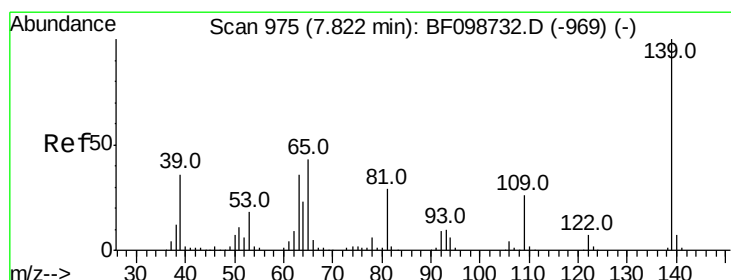
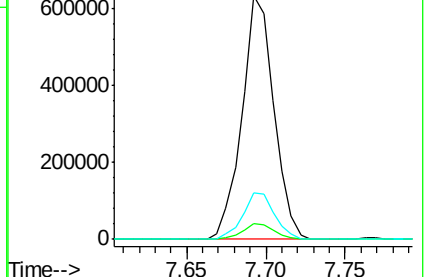
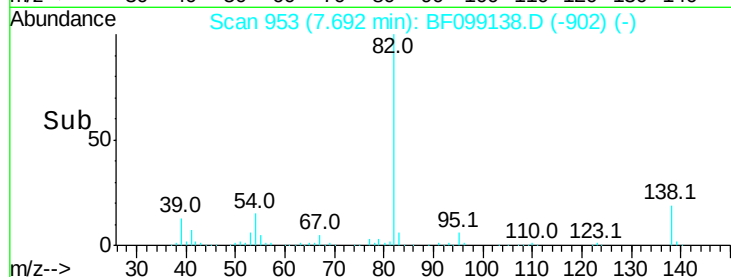
138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.960 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

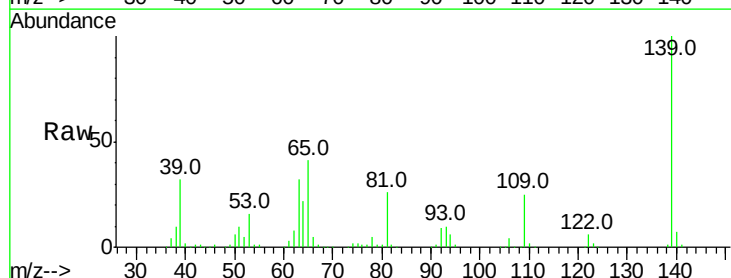
Tgt Ion: 139 Resp: 274513

Ion Ratio Lower Upper

139 100

109 25.0 22.7 34.1

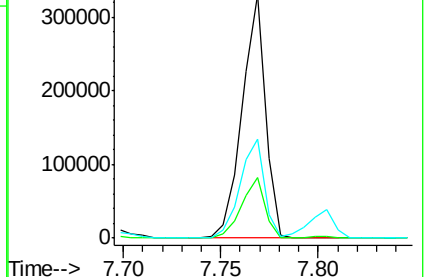
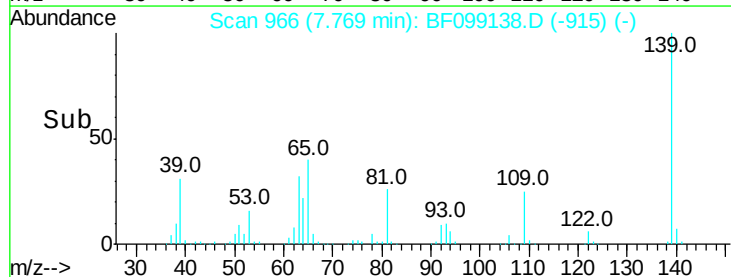
65 40.6 40.5 60.7

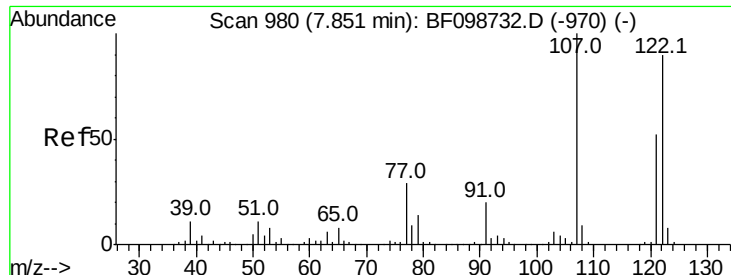


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

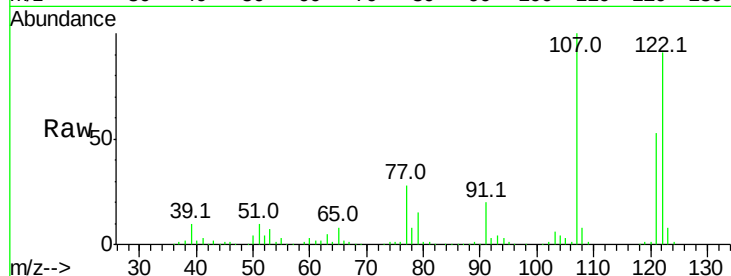




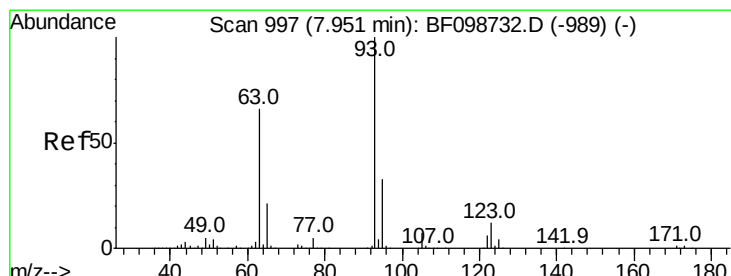
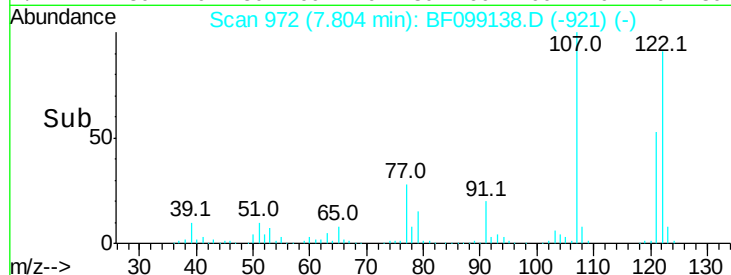
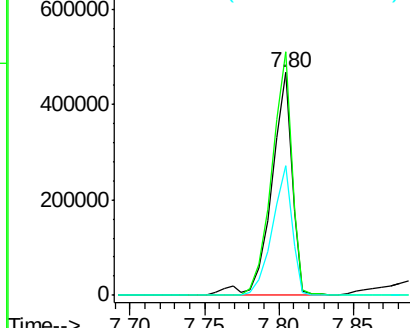
#27
 2,4-Dimethylphenol
 Concen: 38.630 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 445429
 Ion Ratio Lower Upper
 122 100
 107 109.4 91.2 136.8
 121 58.1 47.2 70.8

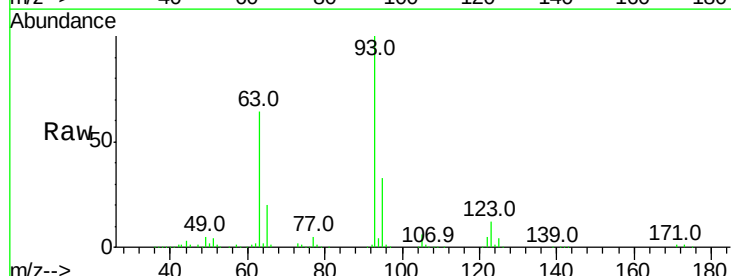


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

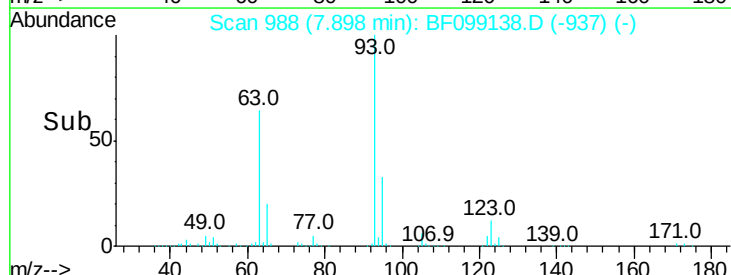
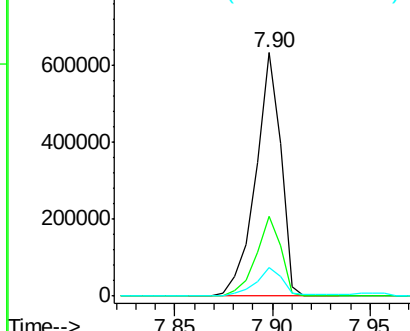


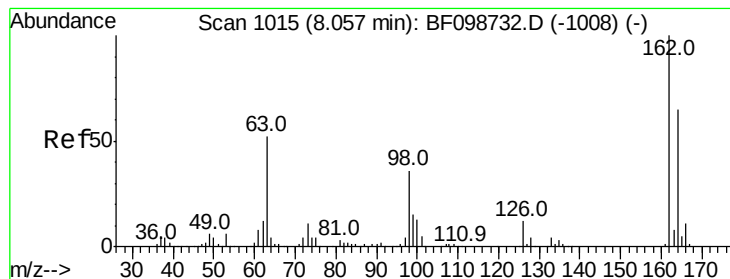
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.045 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion: 93 Resp: 563085
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.7 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: 40.086 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

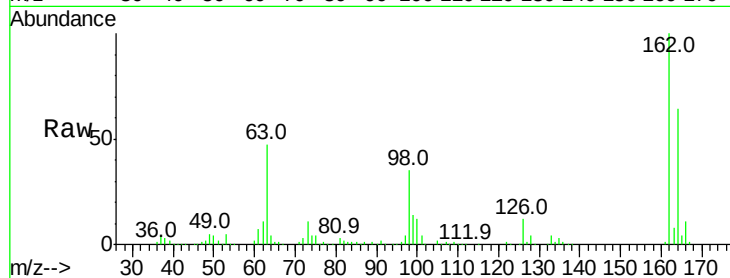
Tot Ion:162 Resp: 396851

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

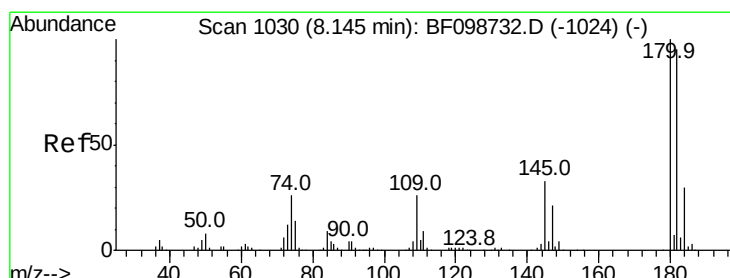
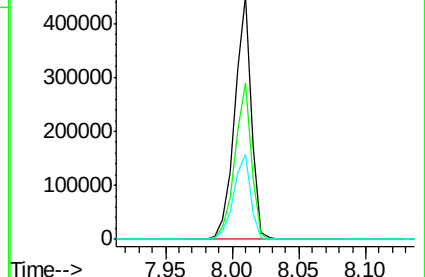
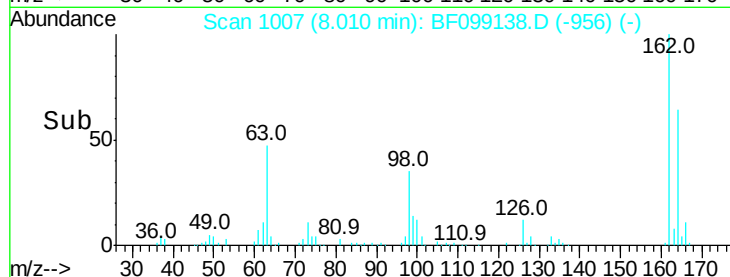
98 34.9 18.1 58.1



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: 39.692 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

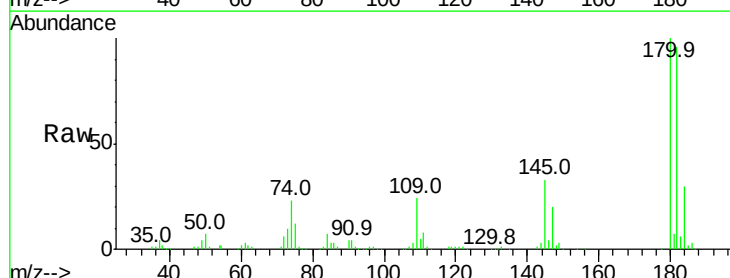
Tgt Ion:180 Resp: 393013

Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

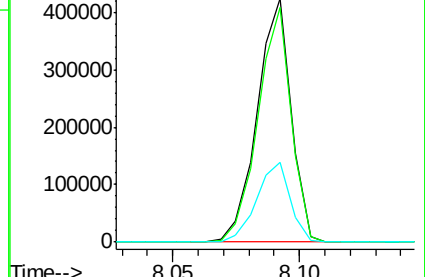
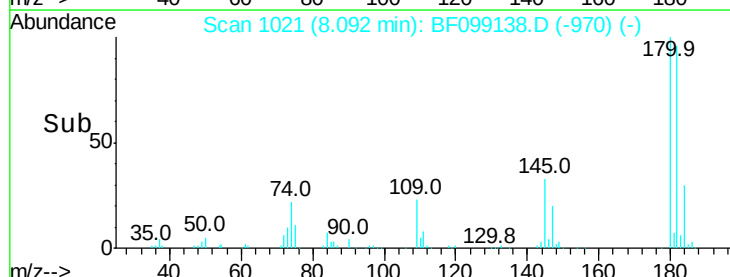
145 32.9 26.5 39.7

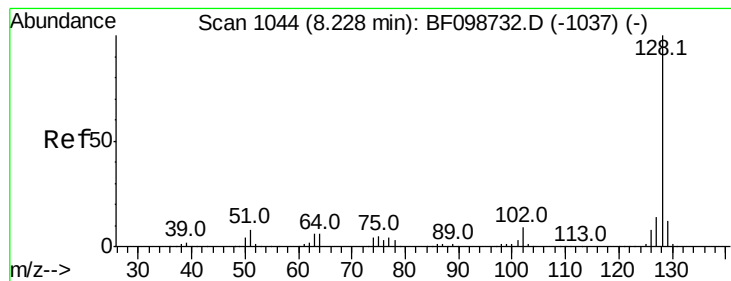


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.065 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

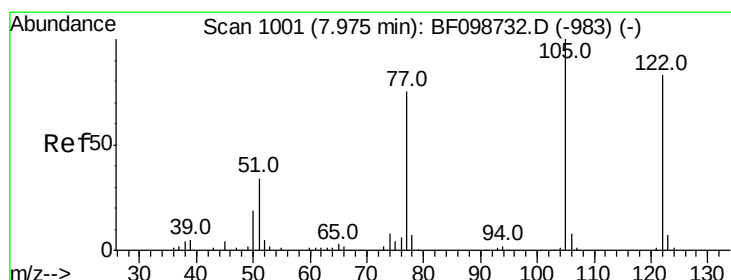
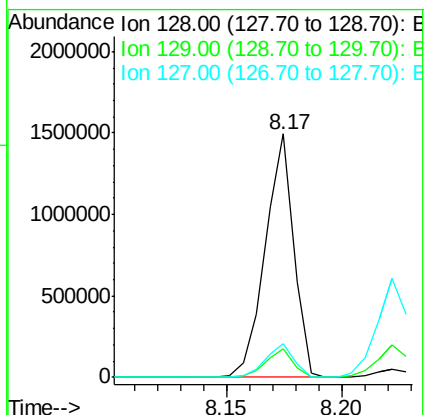
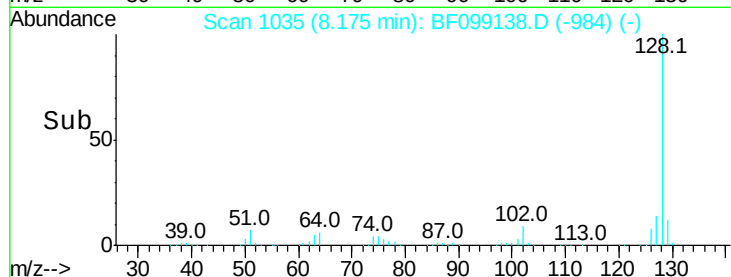
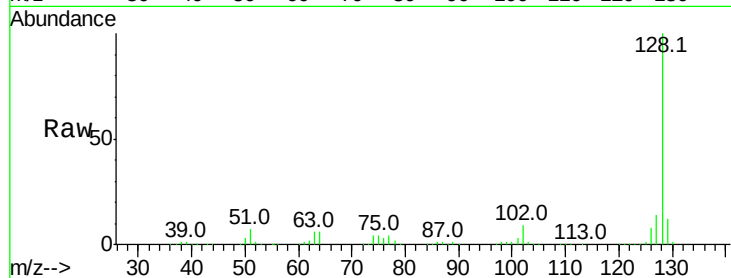
Tot Ion:128 Resp: 1283282

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 36.268 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

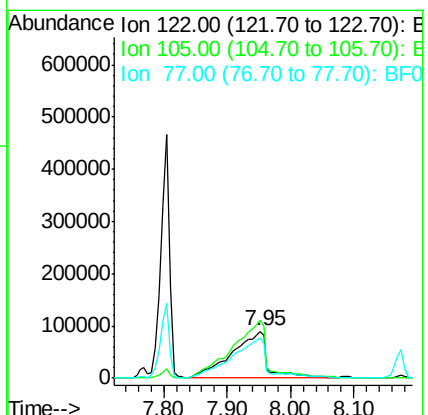
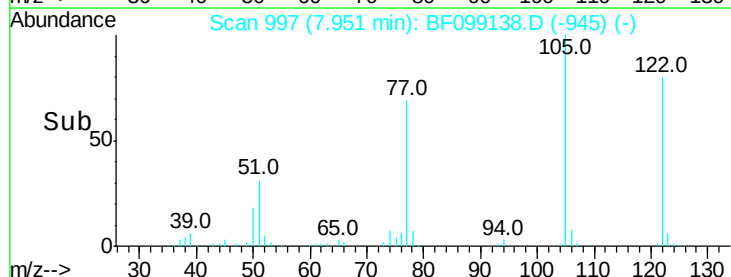
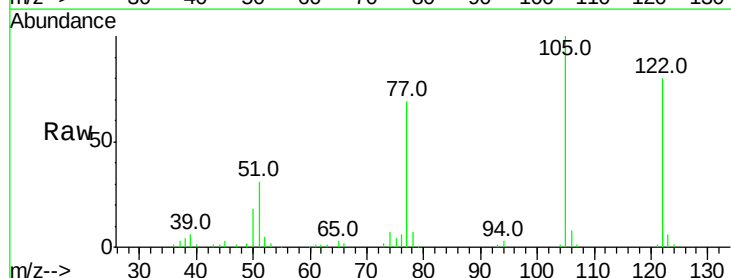
Tgt Ion:122 Resp: 343517

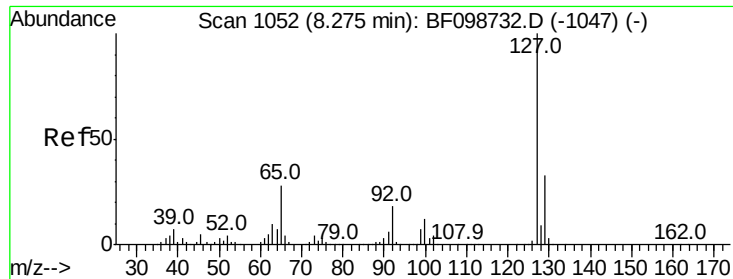
Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

77 86.6 70.7 110.7

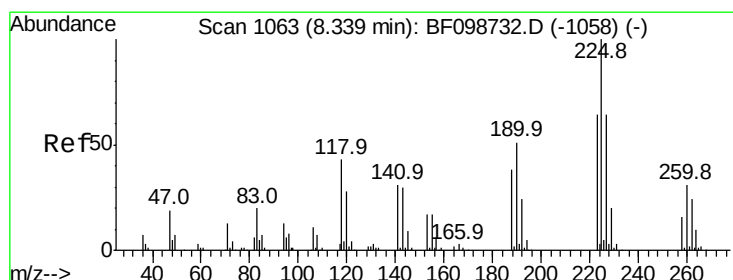
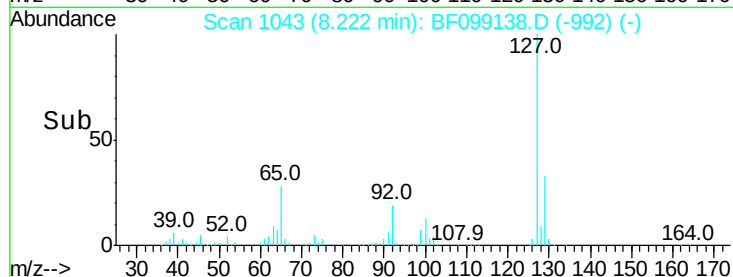
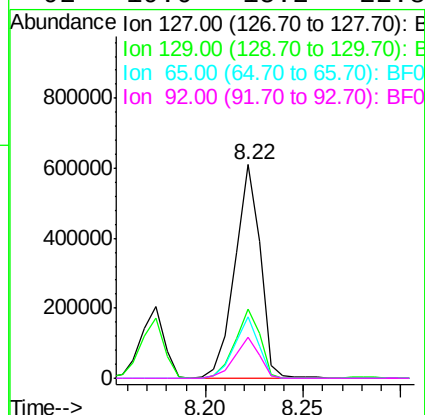
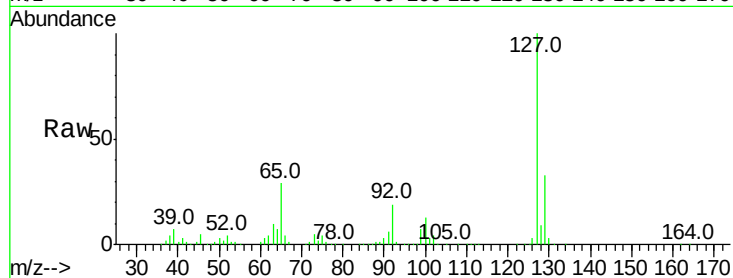




#33
4-Chloroaniline
Concen: 38.966 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

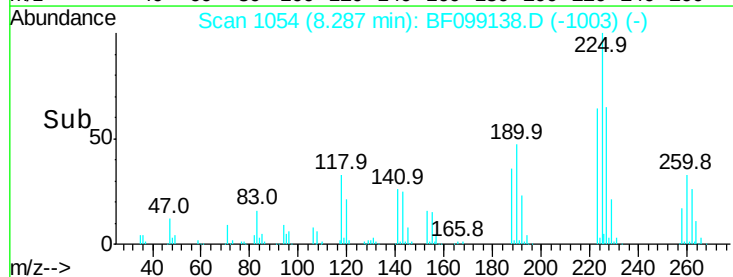
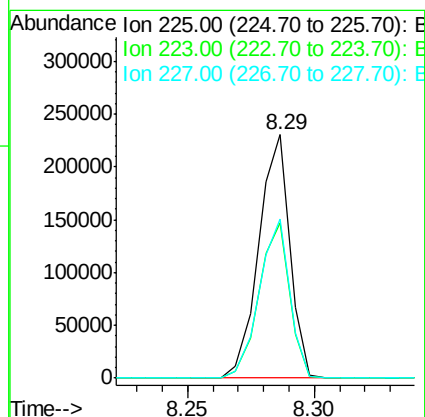
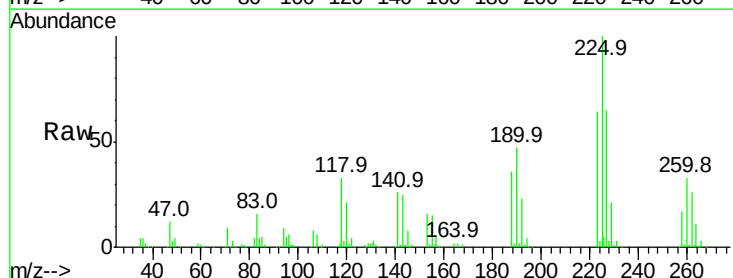
Instrument :
BNA_F
ClientSampleId :

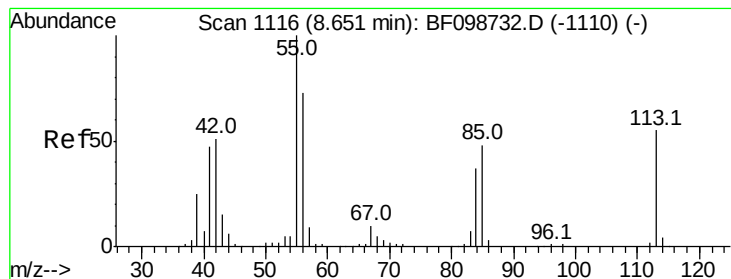
Tot Ion:	127	Resp:	548585
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.7	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.746 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:	225	Resp:	197603
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	65.2	51.9	77.9





#35

Caprolactam

Concen: 39.686 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

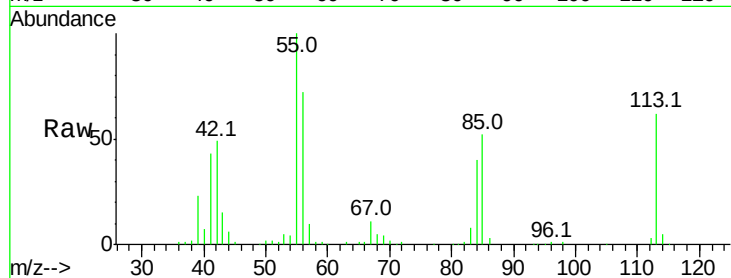
Tot Ion:113 Resp: 126030

Ion Ratio Lower Upper

113 100

55 162.2 163.3 203.3#

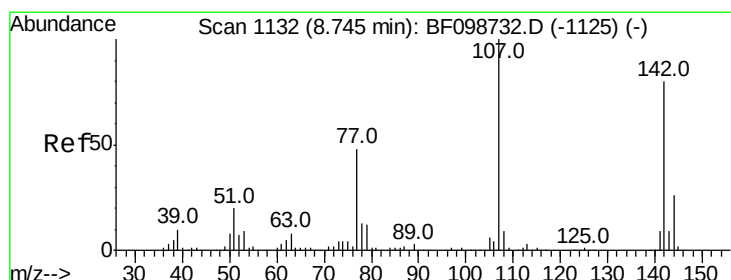
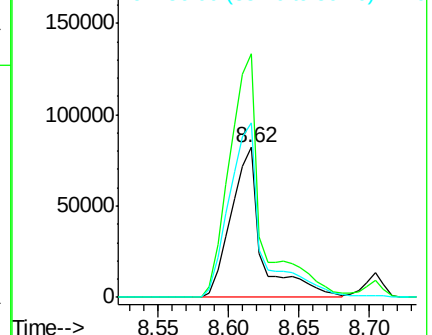
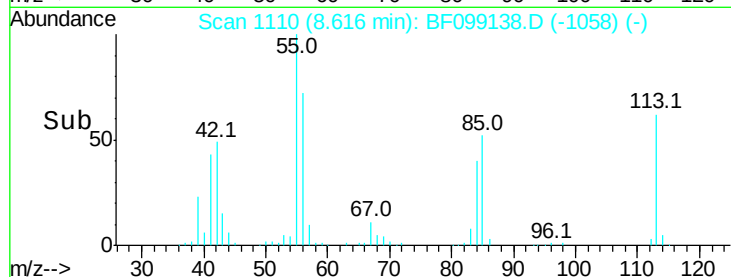
56 116.6 115.7 155.7



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: 38.593 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

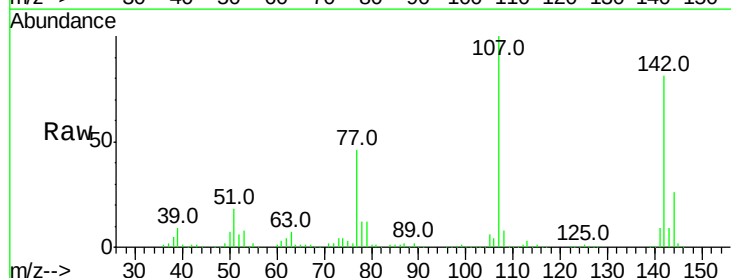
Tgt Ion:107 Resp: 429438

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

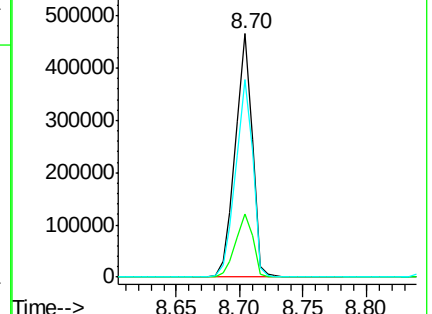
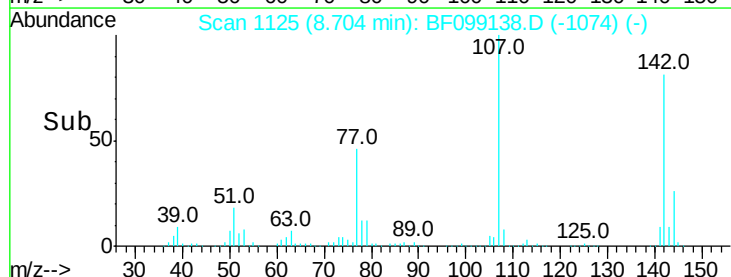
142 81.2 62.0 93.0

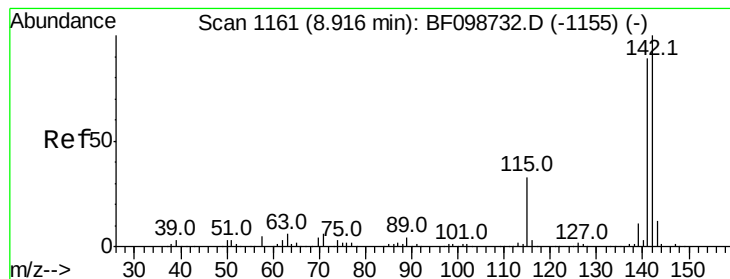


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.565 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

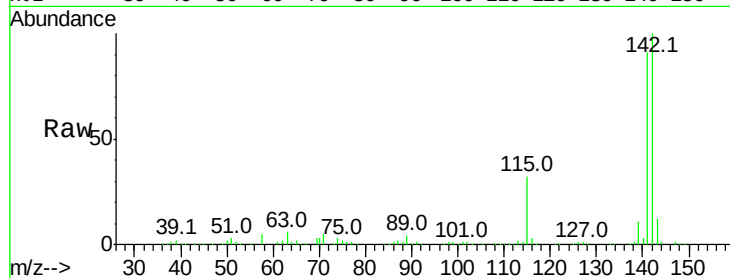
Tot Ion:142 Resp: 845200

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

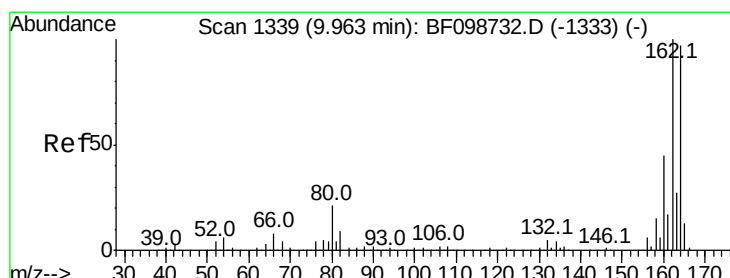
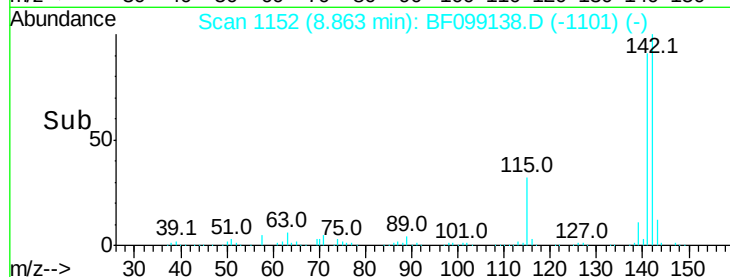
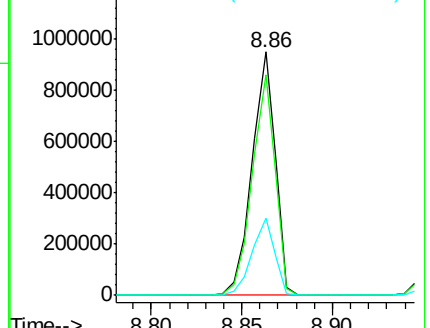
115 31.6 26.1 39.1



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: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

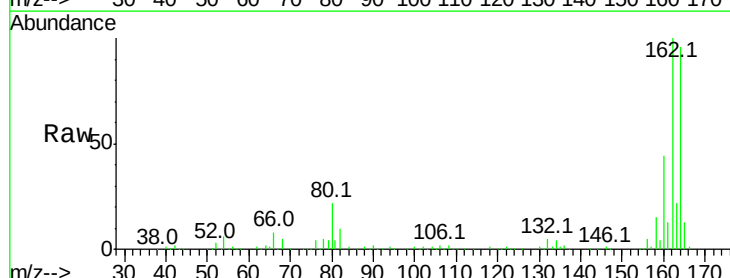
Tgt Ion:164 Resp: 319332

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

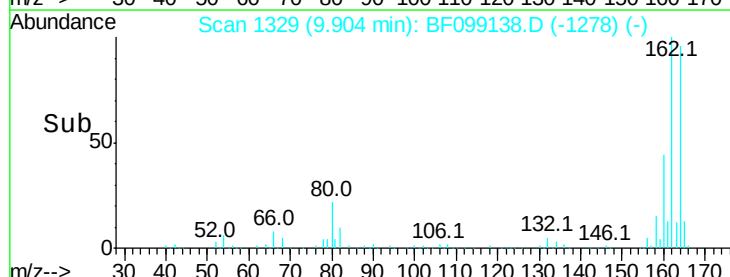
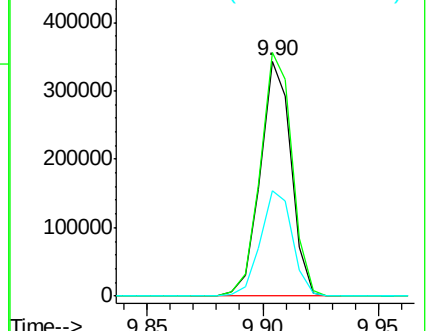
160 45.1 38.3 57.5

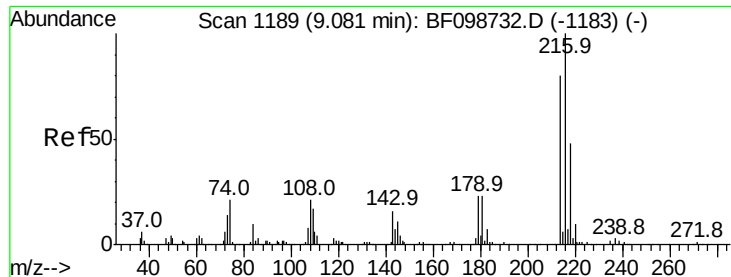


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

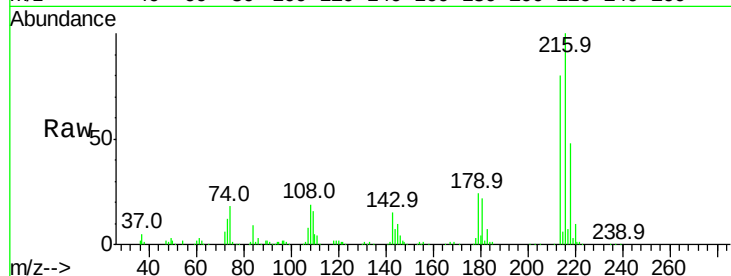




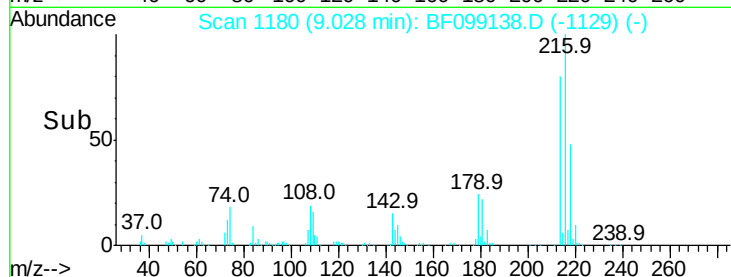
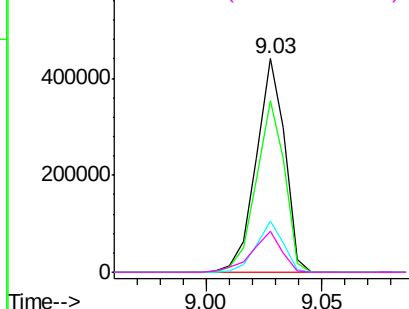
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.928 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	380251
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.6	18.1	27.1
108	19.9	17.2	25.8

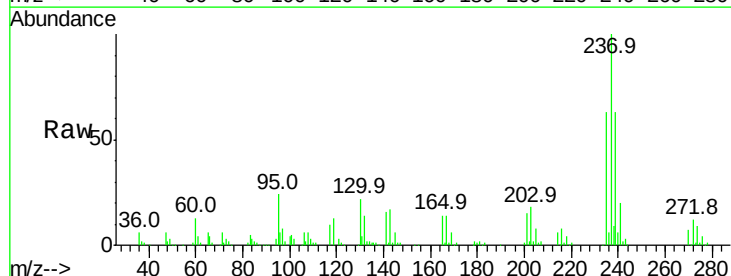
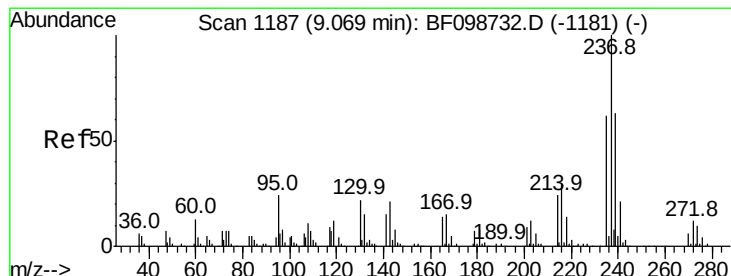


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

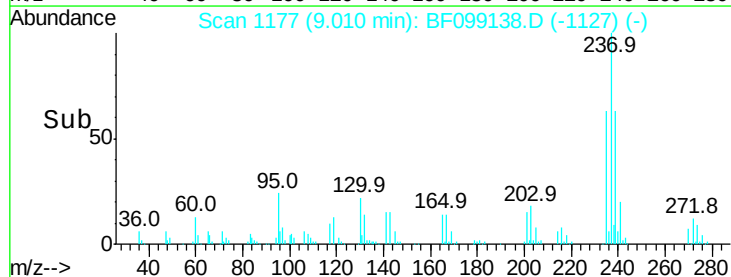
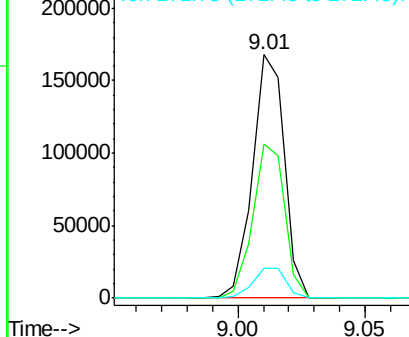


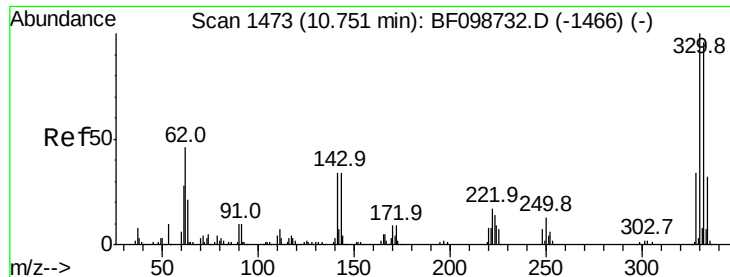
#40
 Hexachlorocyclopentadiene
 Concen: 33.737 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:	237	Resp:	146829
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	12.3	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

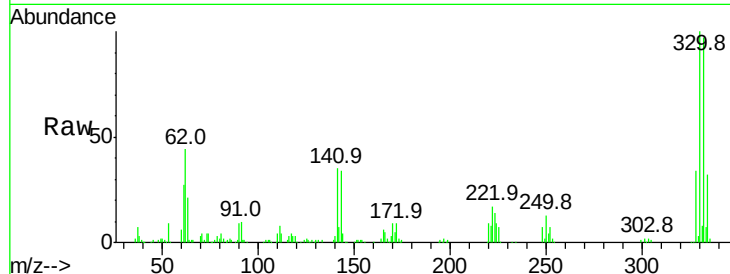




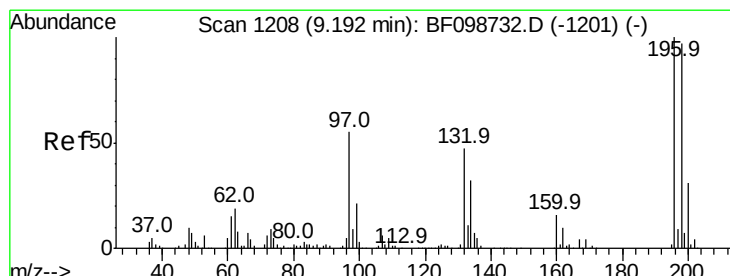
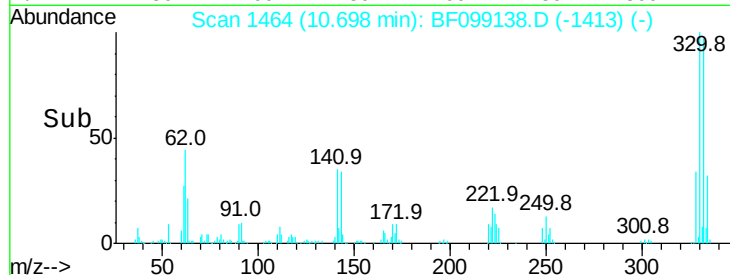
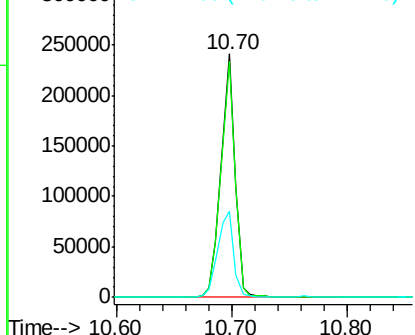
#41
 2,4,6-Tribromophenol
 Concen: 80.295 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	39.0	29.9	44.9

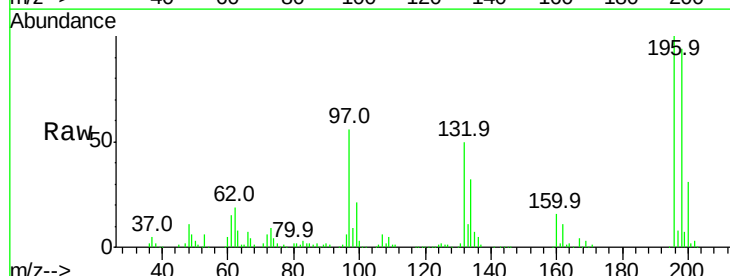


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

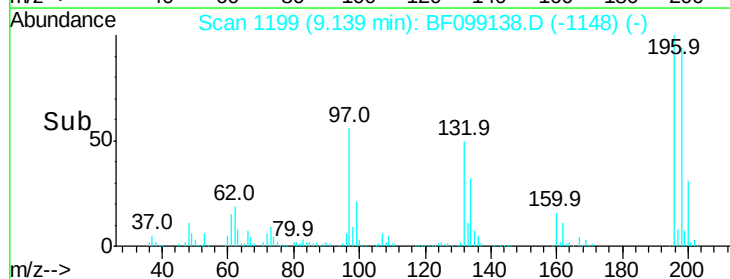
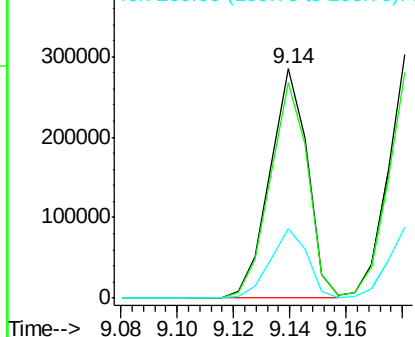


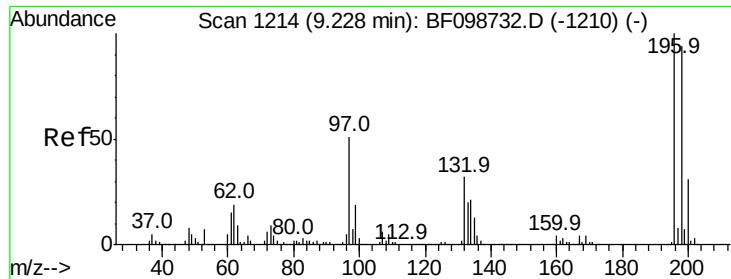
#42
 2,4,6-Trichlorophenol
 Concen: 39.019 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.5	24.5	36.7



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

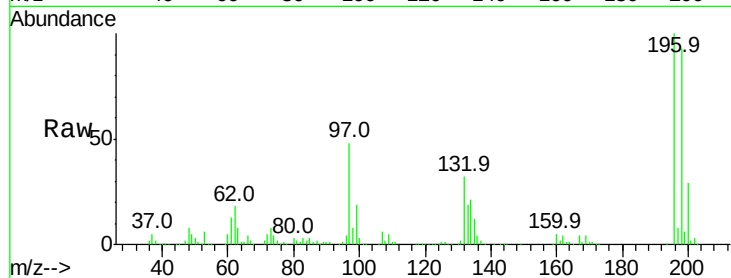




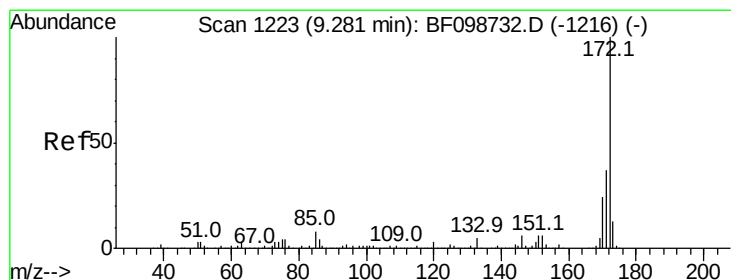
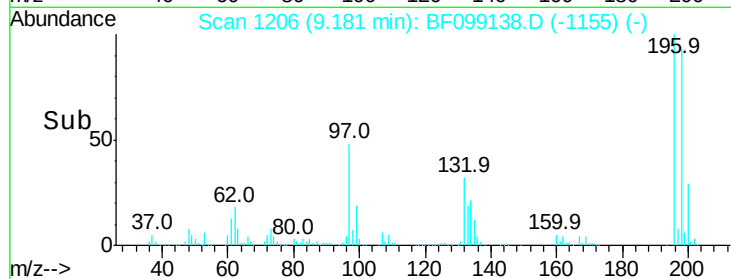
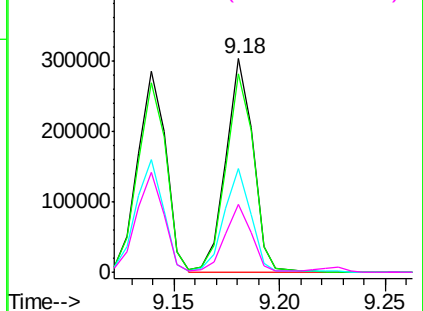
#43
 2,4,5-Trichlorophenol
 Concen: 39.711 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 267447
 Ion Ratio Lower Upper
 196 100
 198 92.9 74.6 112.0
 97 48.4 42.9 64.3
 132 31.5 26.3 39.5

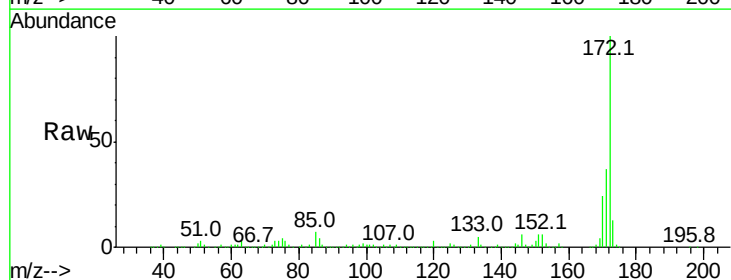


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

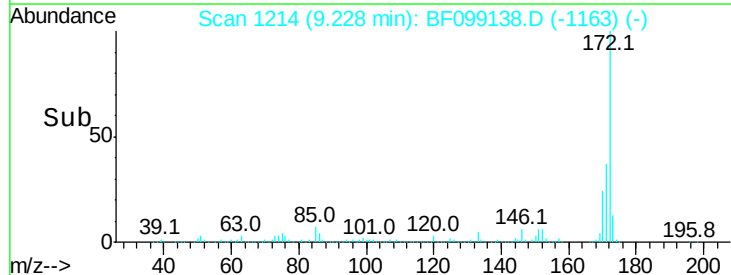
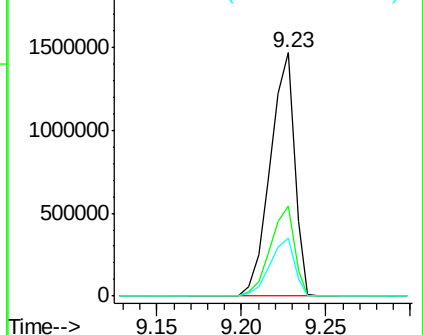


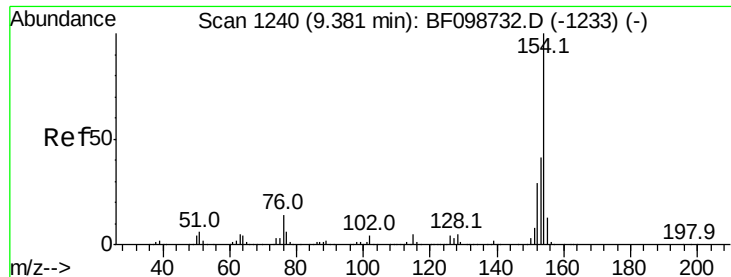
#44
 2-Fluorobiphenyl
 Concen: 76.660 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:172 Resp: 1466385
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 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: 38.583 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

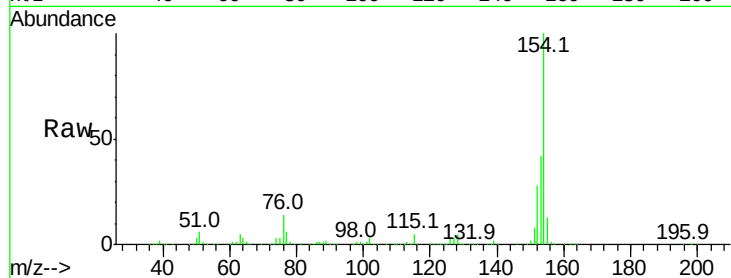
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1058911

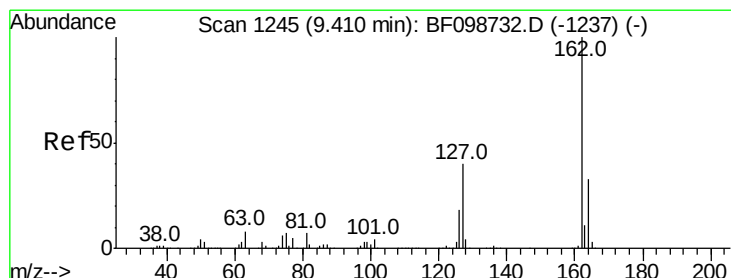
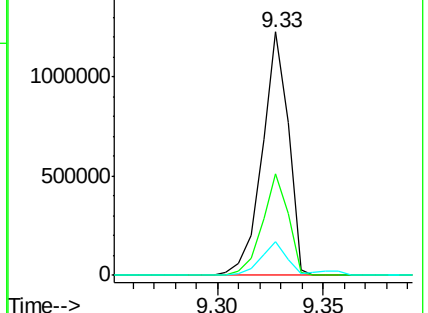
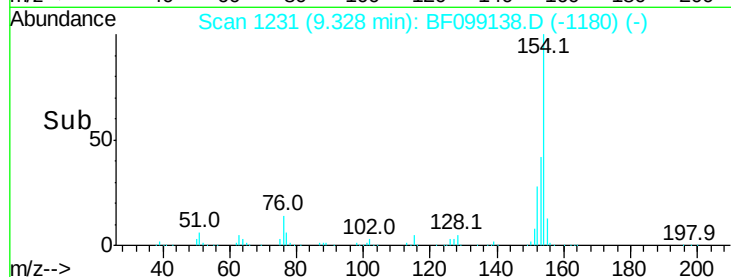
Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	13.8	0.0	34.0



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: 39.575 ng

RT: 9.36 min Scan# 1236

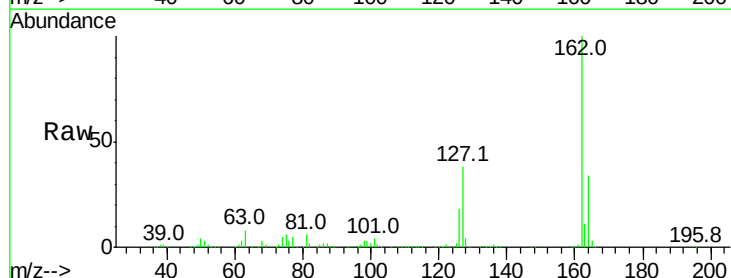
Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Tgt Ion:162 Resp: 815491

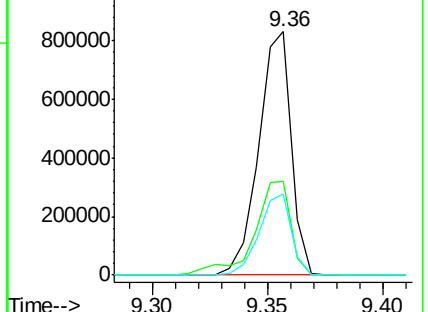
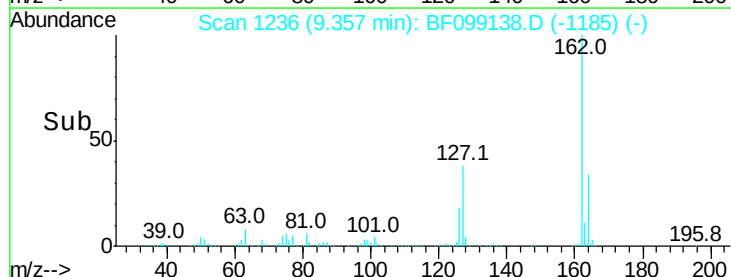
Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.9	50.9
164	33.5	26.5	39.7

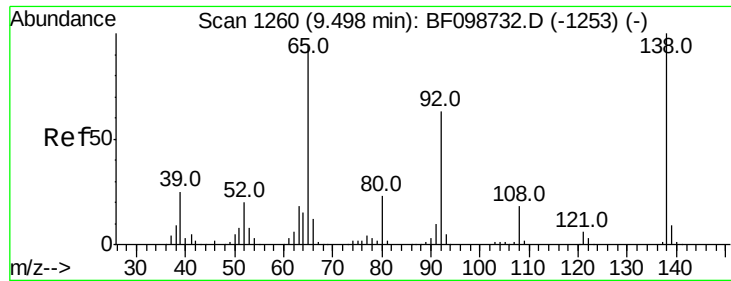


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

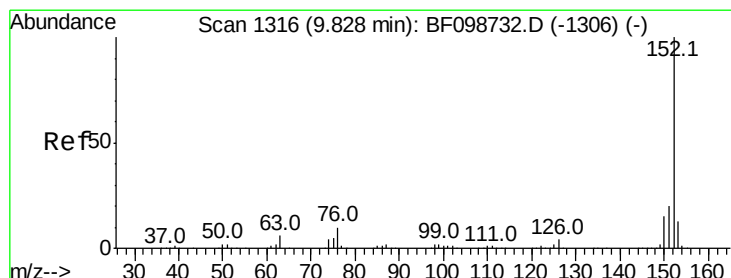
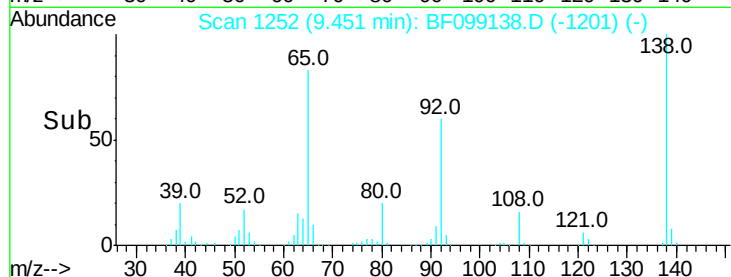
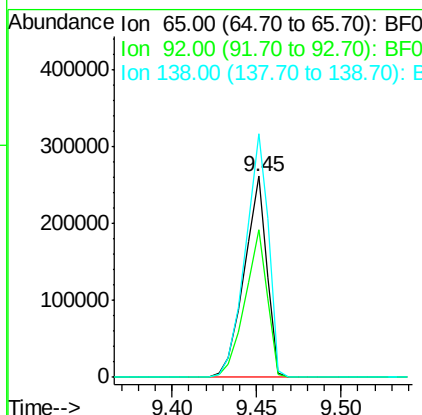
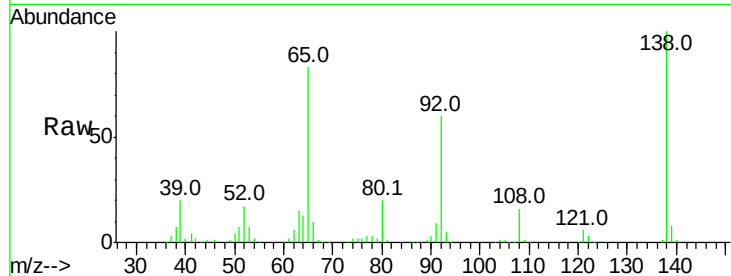




#47
 2-Nitroaniline
 Concen: 38.831 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

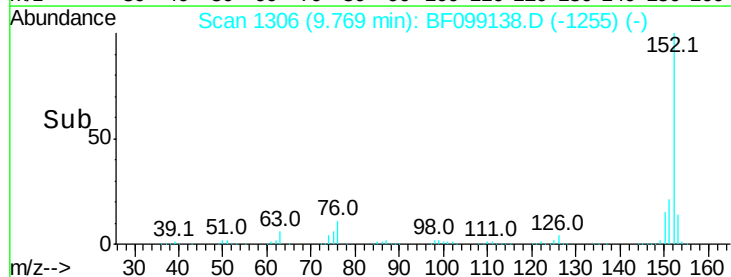
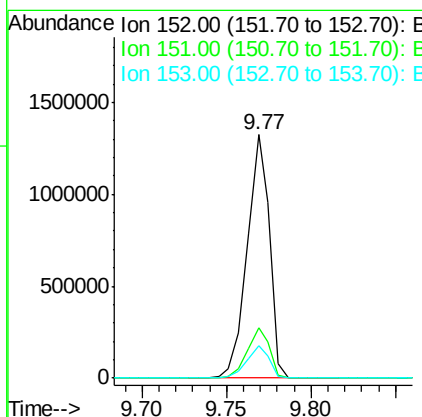
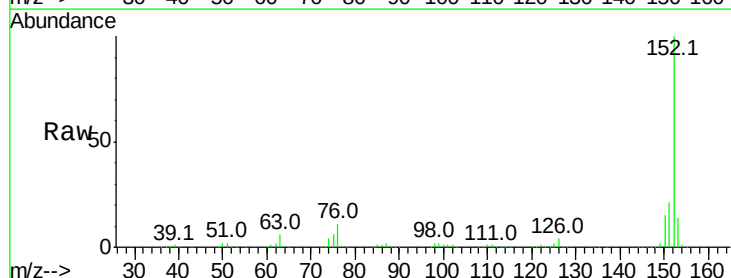
Instrument :
 BNA_F
 ClientSampleId :

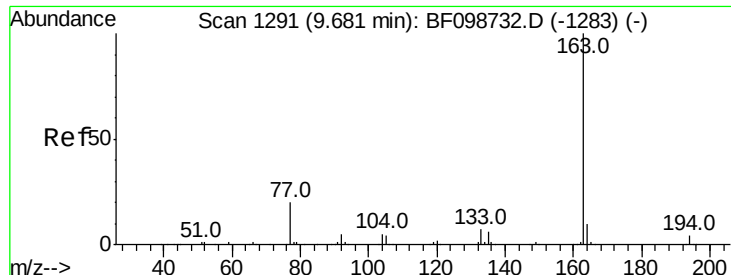
Tot Ion: 65 Resp: 245007
 Ion Ratio Lower Upper
 65 100
 92 73.1 55.8 83.6
 138 121.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.802 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:152 Resp: 1223990
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.5 10.7 16.1

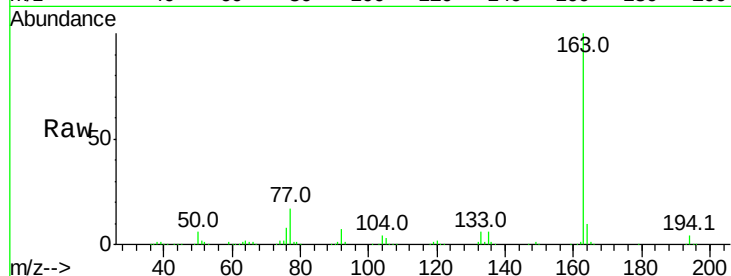




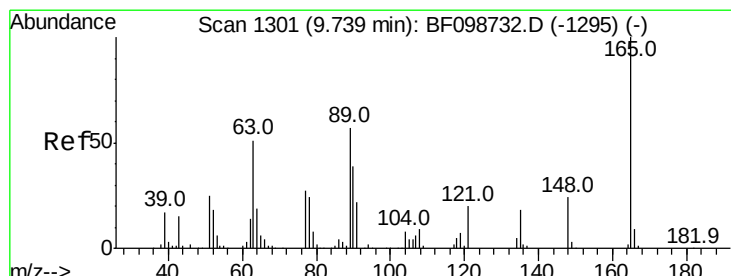
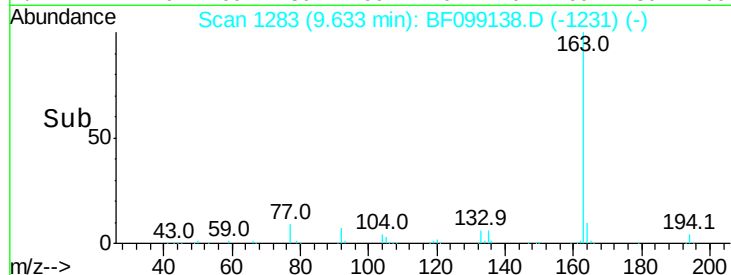
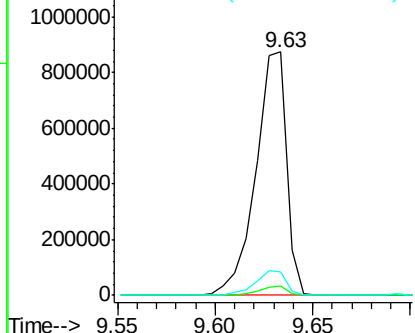
#49
Dimethylphthalate
Concen: 39.733 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 957620
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

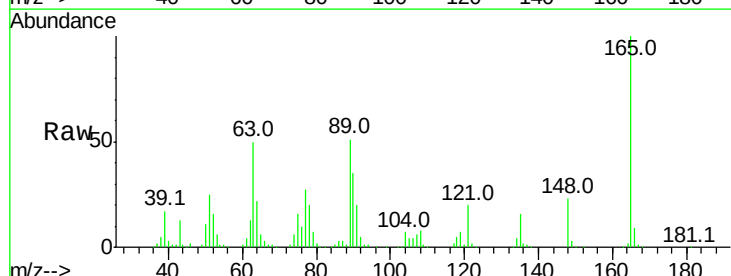


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

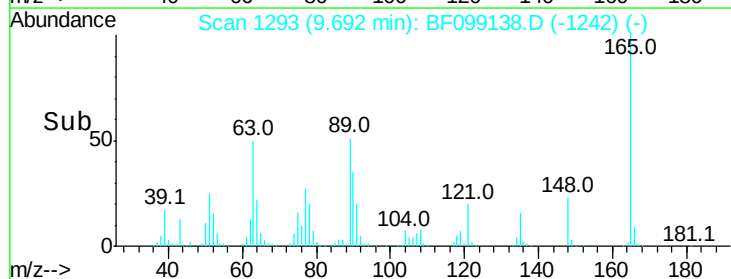
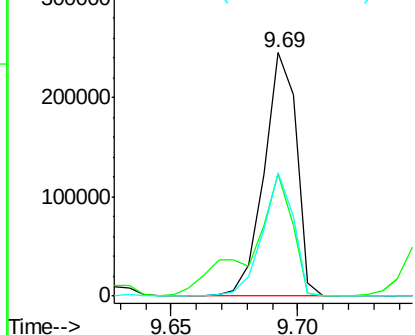


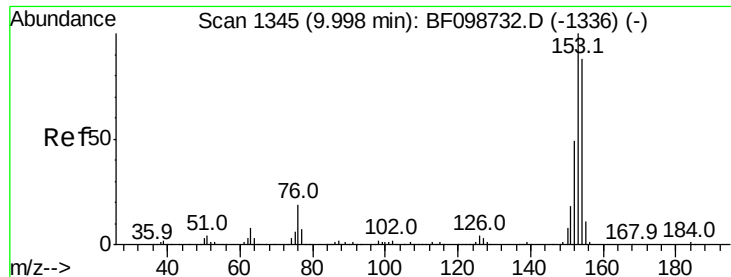
#50
2,6-Dinitrotoluene
Concen: 41.902 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:165 Resp: 219864
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 50.9 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: 36.129 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

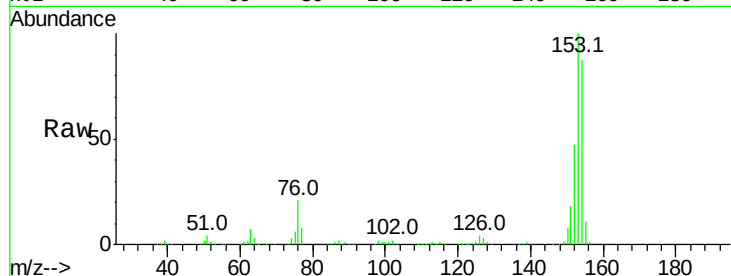
Tot Ion:154 Resp: 721933

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

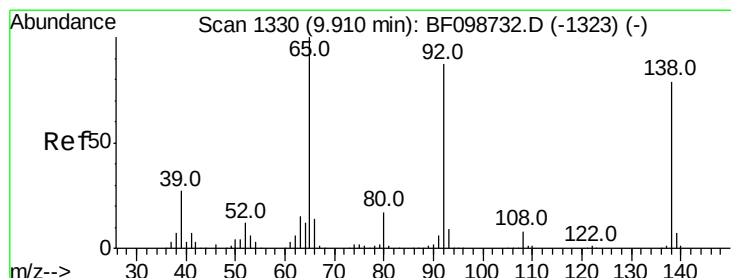
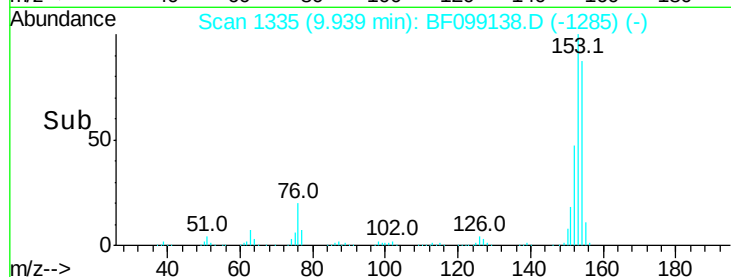
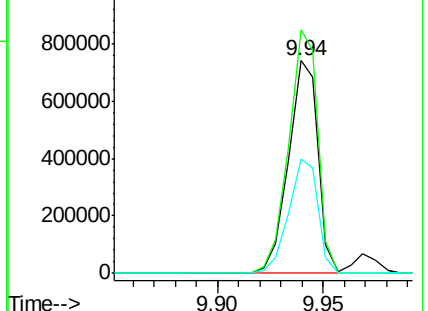
152 53.8 43.8 65.8



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: 42.174 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

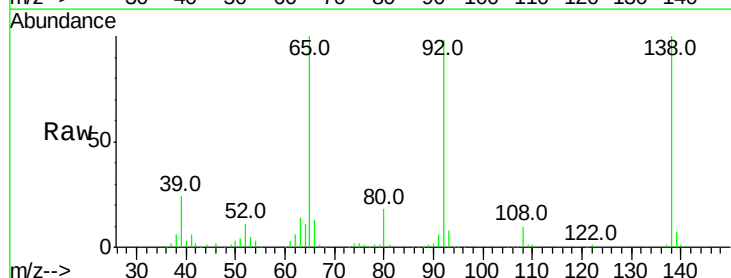
Tgt Ion:138 Resp: 258024

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

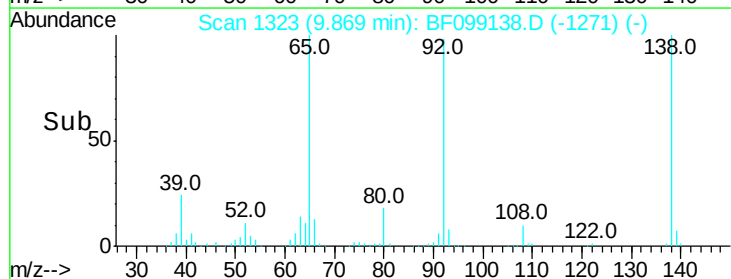
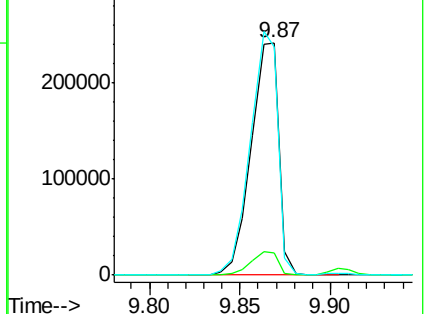
92 98.0 89.4 134.2

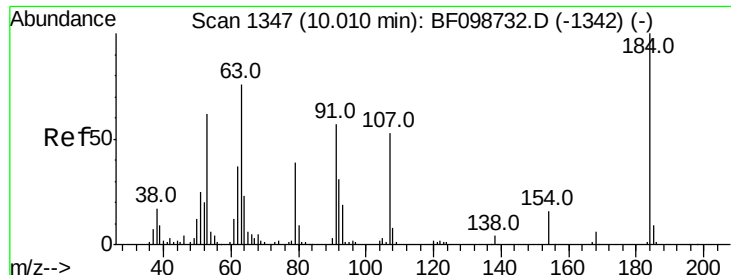


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

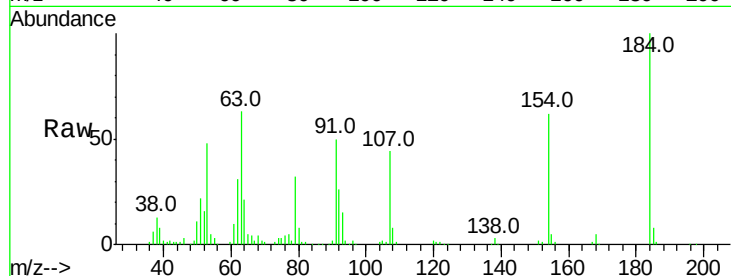




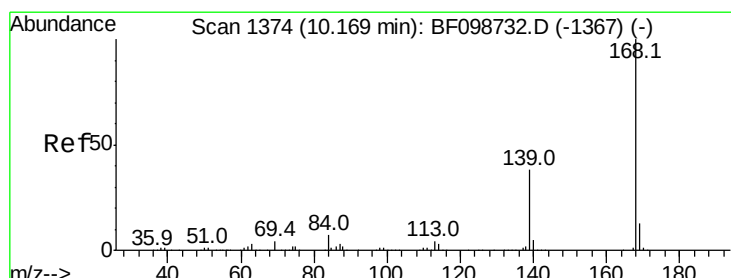
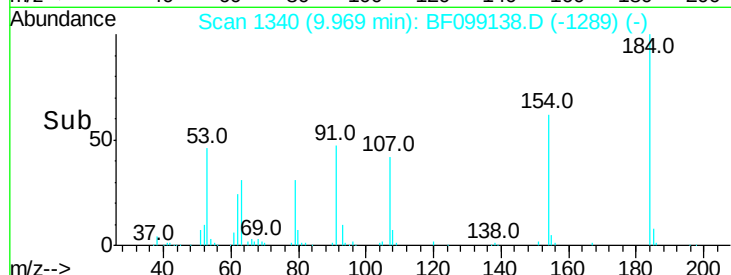
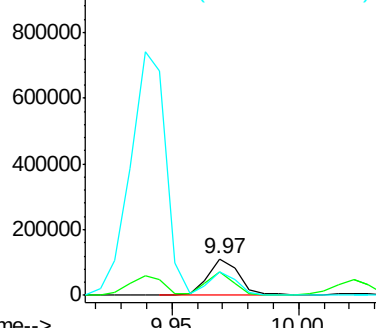
#53
2,4-Dinitrophenol
Concen: 38.378 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 95906
Ion Ratio Lower Upper
184 100
63 62.7 54.2 81.2
154 62.2 53.5 80.3

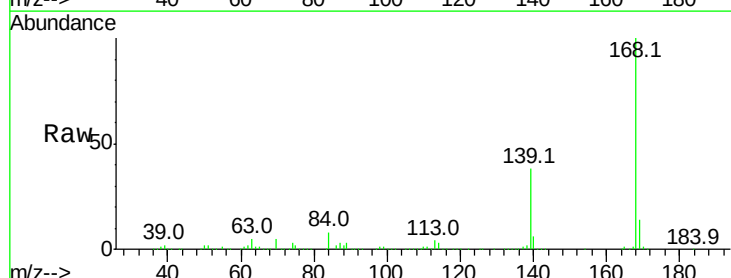


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

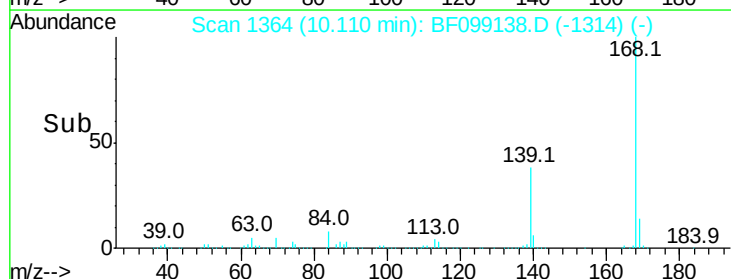
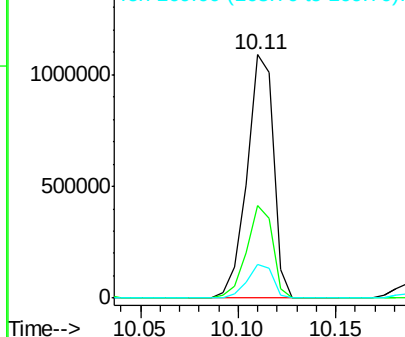


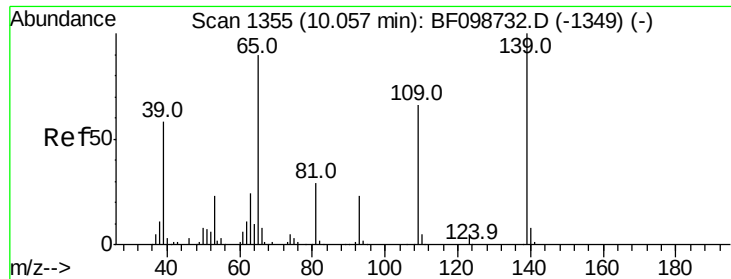
#54
Dibenzofuran
Concen: 38.564 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:168 Resp: 1025997
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.6 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

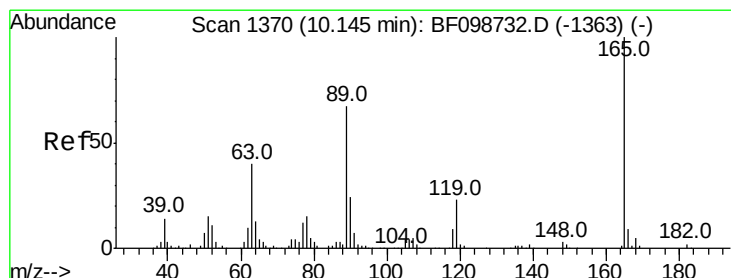
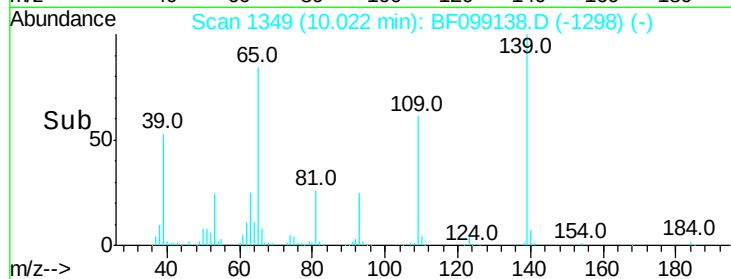
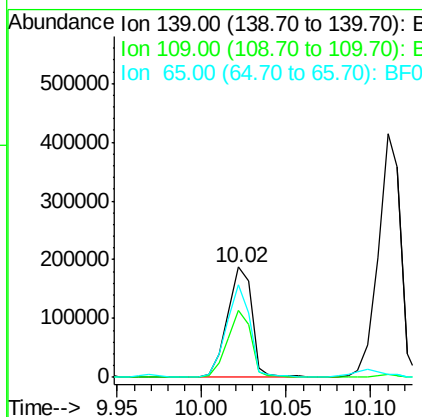
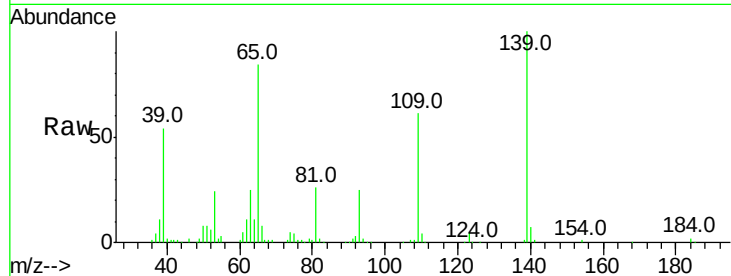




#55
4-Nitrophenol
Concen: 36.940 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

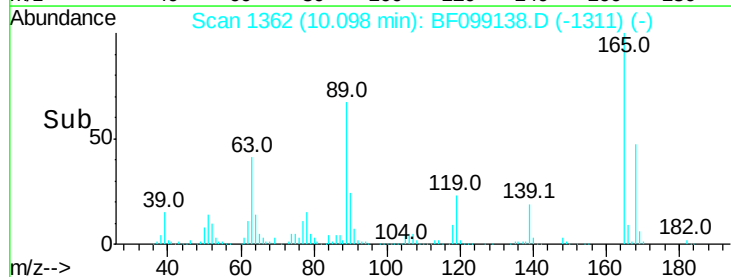
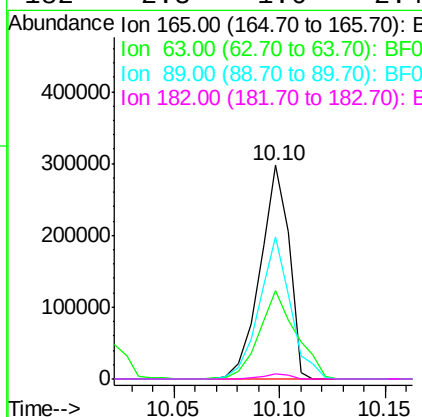
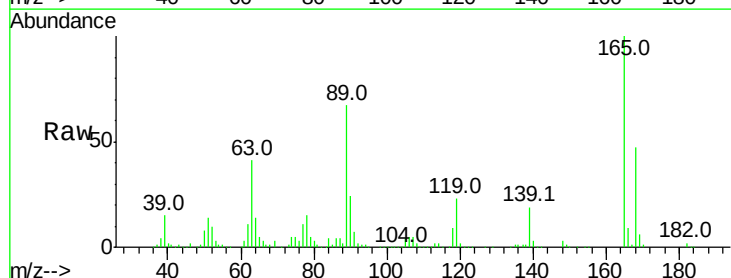
Instrument :
BNA_F
ClientSampleId :

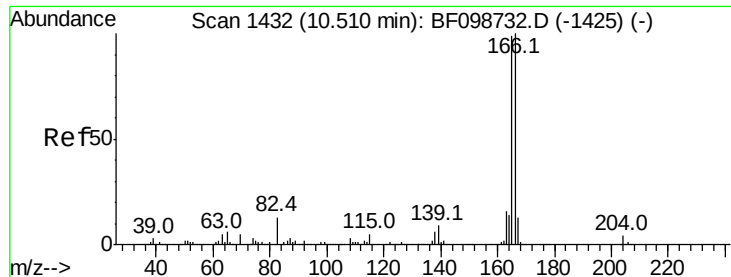
Tot Ion:139 Resp: 191102
Ion Ratio Lower Upper
139 100
109 60.6 48.4 88.4
65 84.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.542 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:165 Resp: 282890
Ion Ratio Lower Upper
165 100
63 41.4 36.4 54.6
89 66.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.346 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

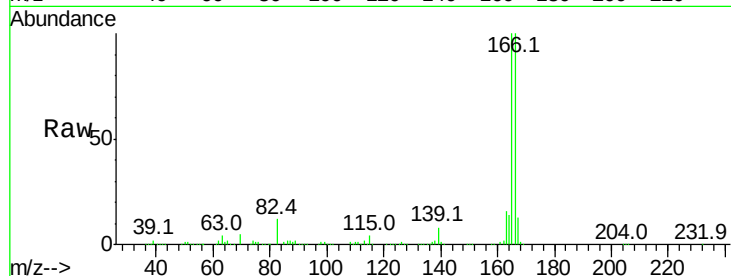
Tot Ion:166 Resp: 819983

Ion Ratio Lower Upper

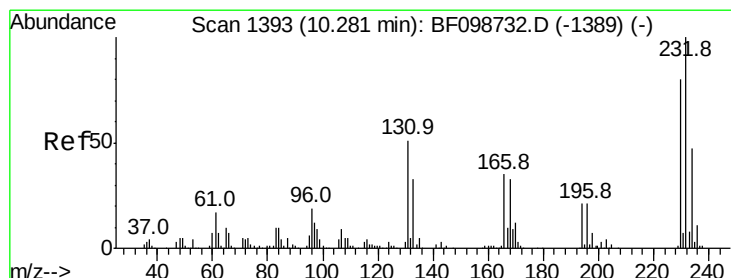
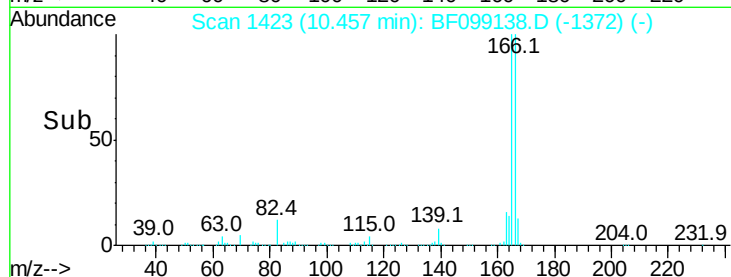
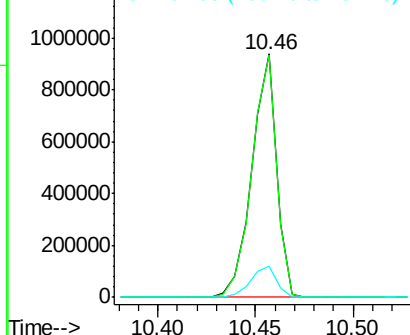
166 100

165 99.7 79.8 119.8

167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.616 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Tgt Ion:232 Resp: 179655

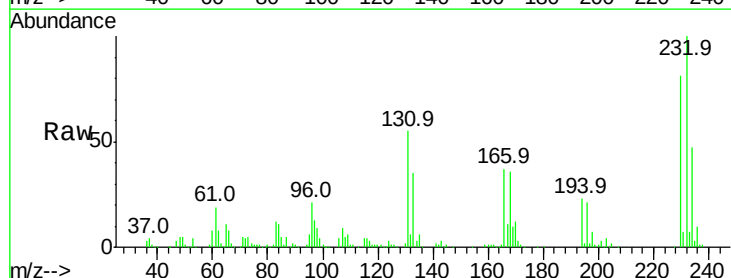
Ion Ratio Lower Upper

232 100

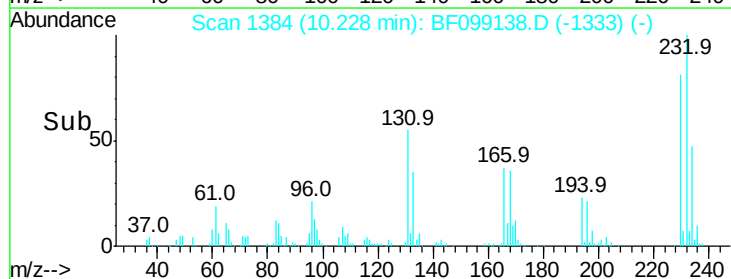
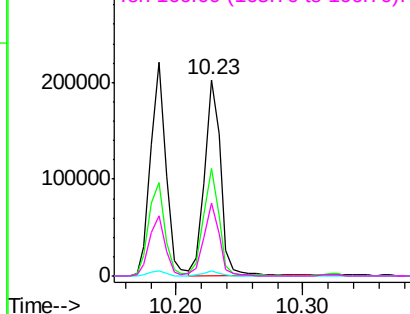
131 54.3 43.8 65.8

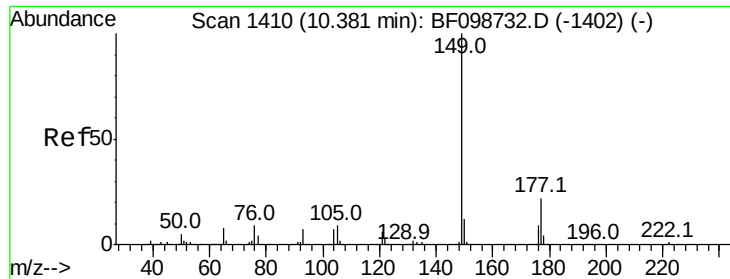
130 2.4 2.1 3.1

166 35.2 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

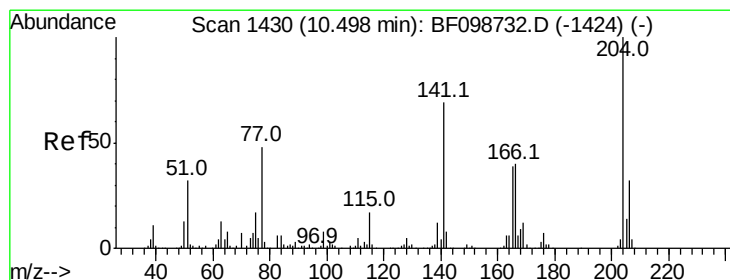
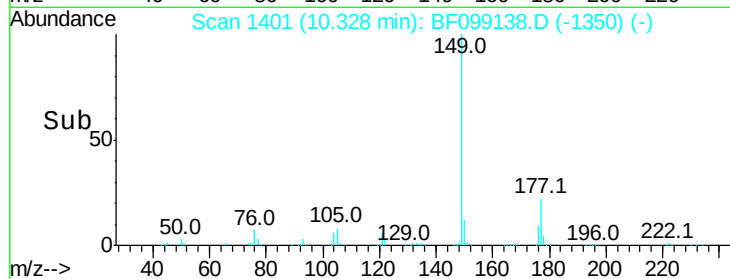
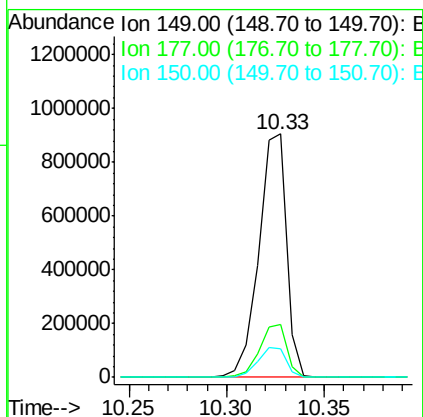
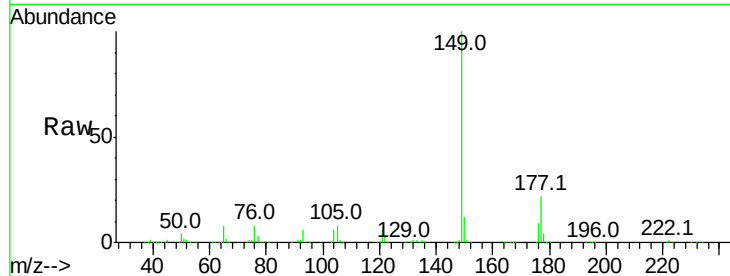




#59
Diethylphthalate
Concen: 37.868 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

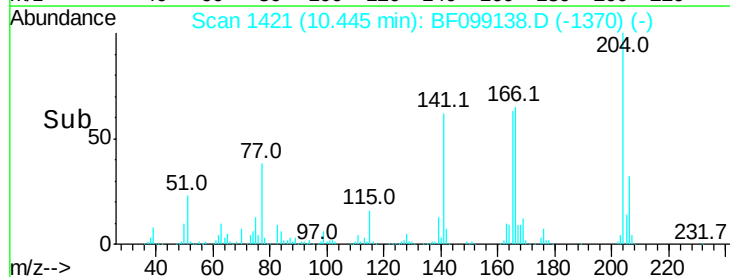
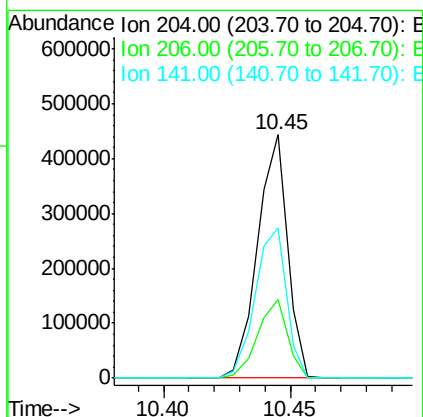
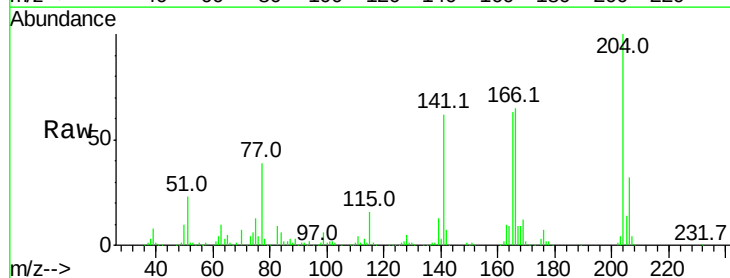
Instrument :
BNA_F
ClientSampled :

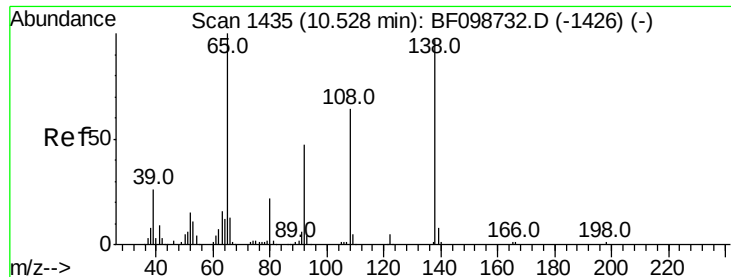
Tot Ion:149 Resp: 891815
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.359 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:204 Resp: 368469
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 61.9 54.6 81.8





#61

4-Nitroaniline

Concen: 43.558 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

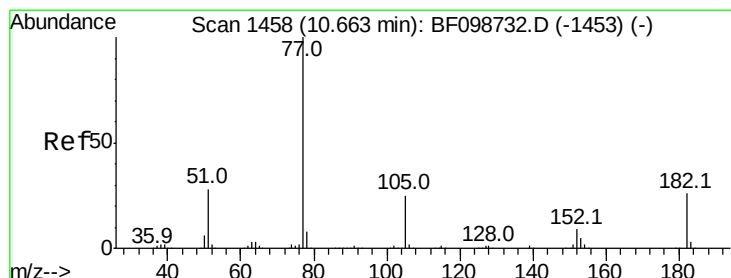
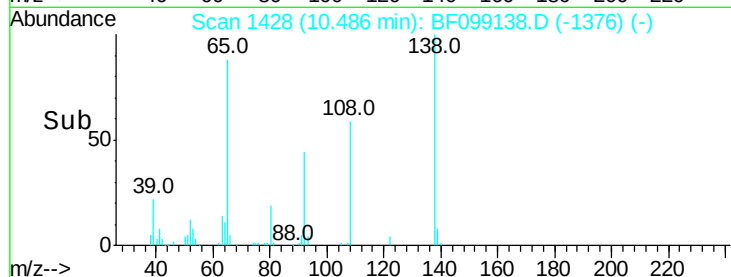
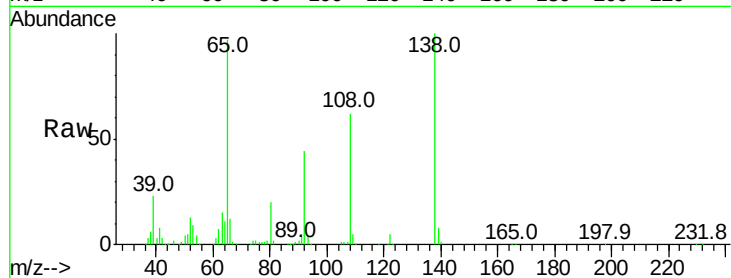
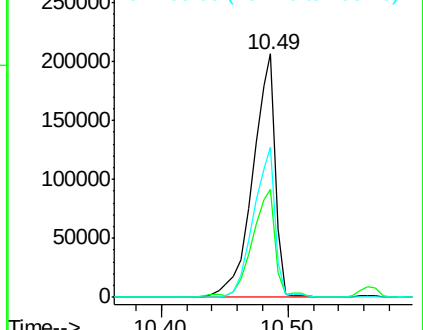
Tot Ion:138 Resp: 257099

Ion	Ratio	Lower	Upper
138	100		
92	44.4	30.2	70.2
108	61.6	52.5	92.5

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.331 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Tgt Ion: 77 Resp: 786720

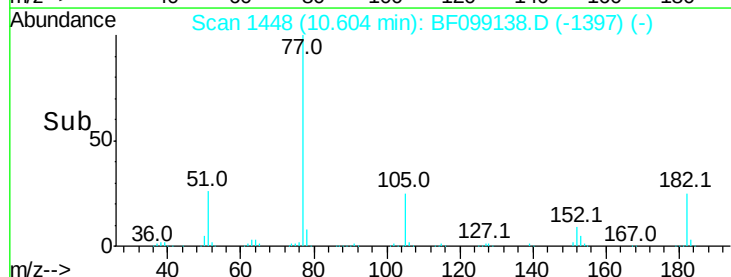
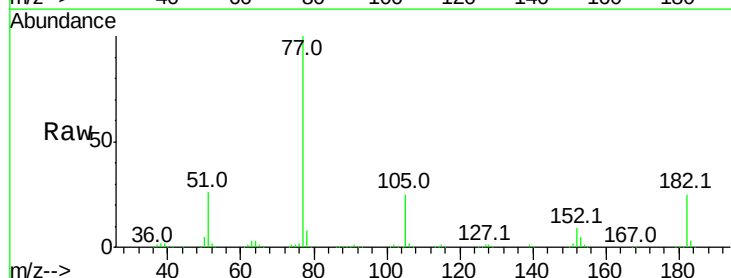
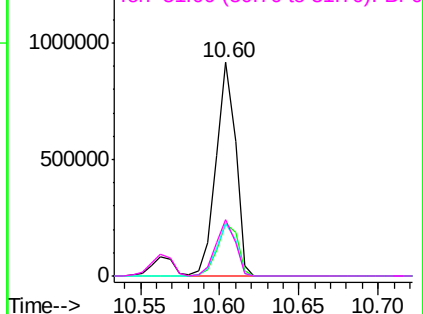
Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	24.8	3.0	43.0
51	26.3	9.9	49.9

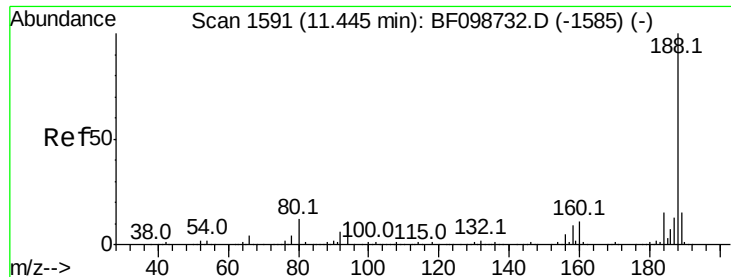
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

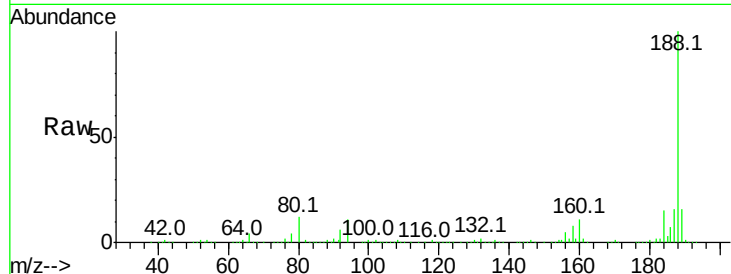




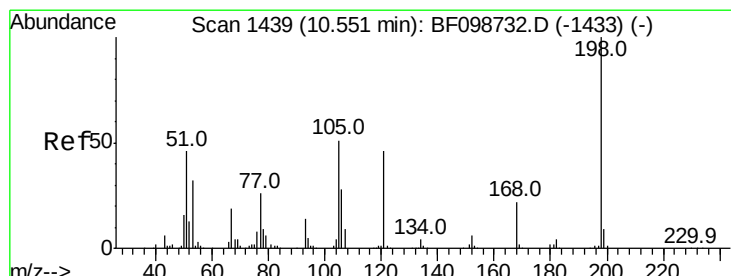
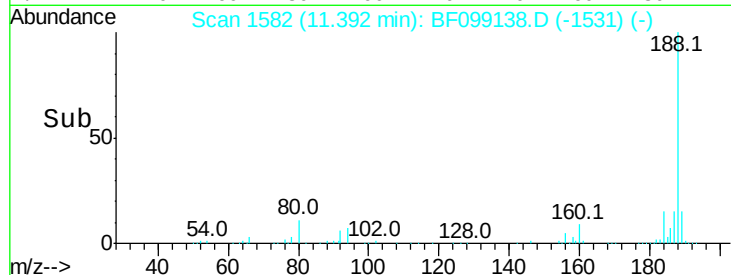
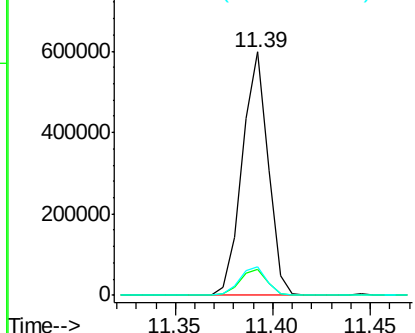
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 550177
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8

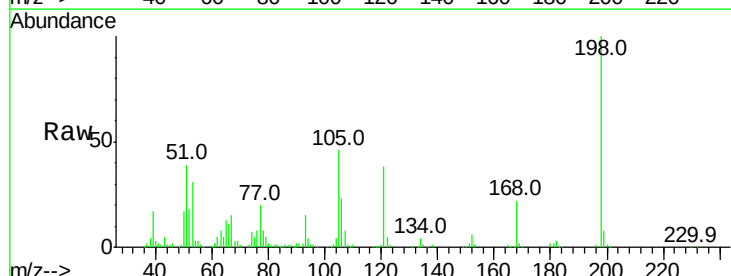


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

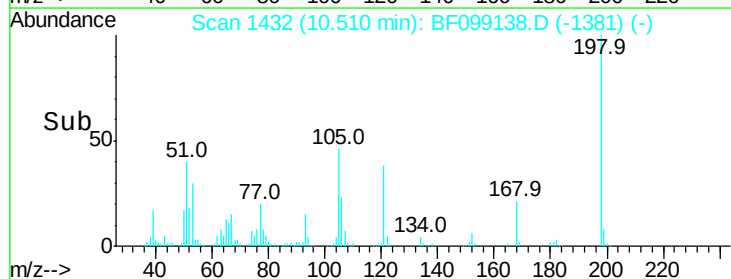
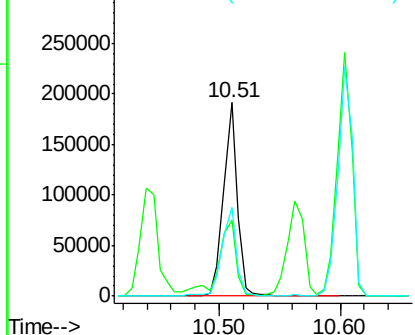


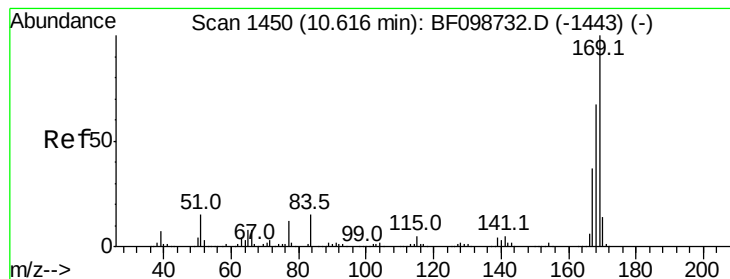
#64
4,6-Dinitro-2-methylphenol
Concen: 45.584 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:198 Resp: 152590
Ion Ratio Lower Upper
198 100
51 39.5 37.7 77.7
105 45.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 39.516 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

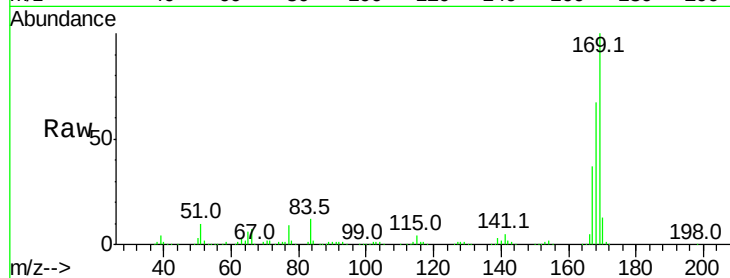
Tot Ion:169 Resp: 753165

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

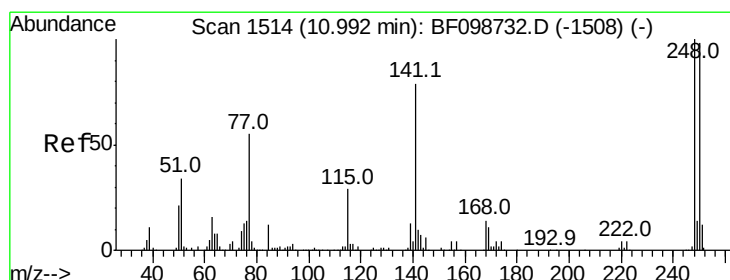
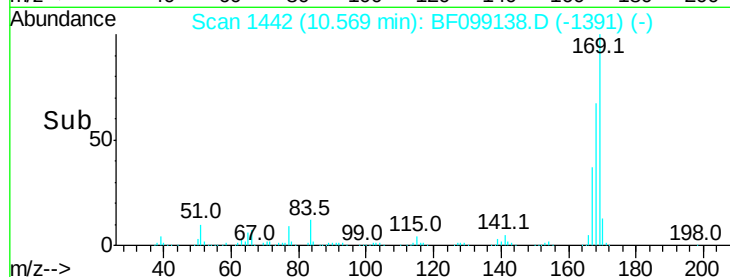
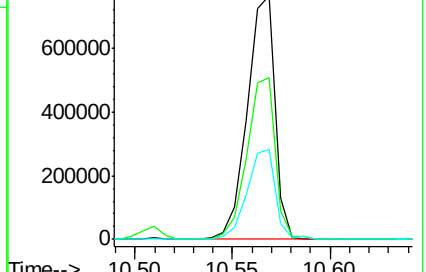
167 37.0 29.8 44.6



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: 39.932 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

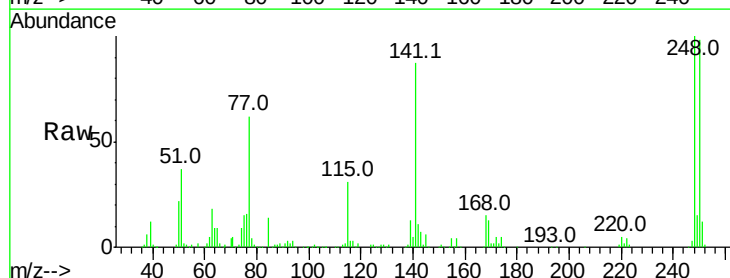
Tgt Ion:248 Resp: 215048

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

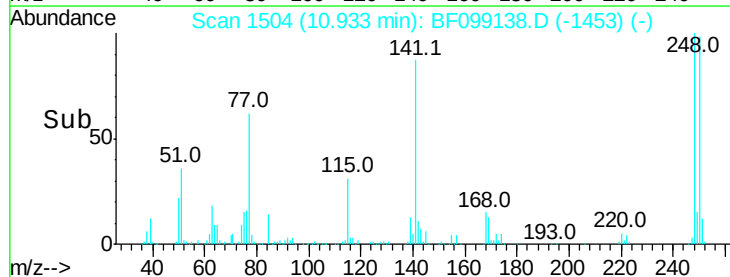
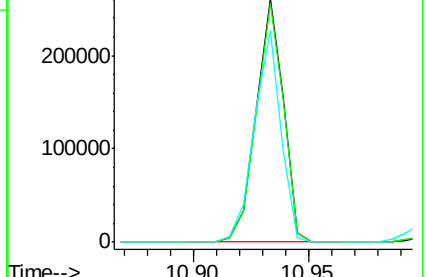
141 86.8 74.4 111.6

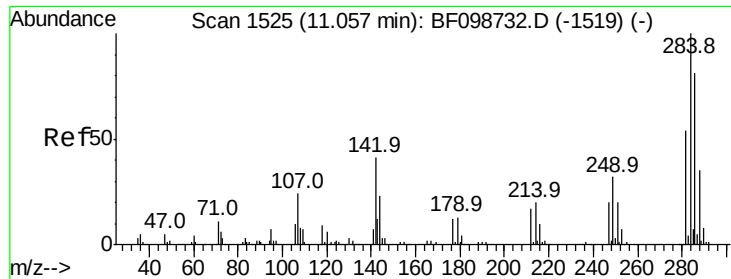


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.581 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

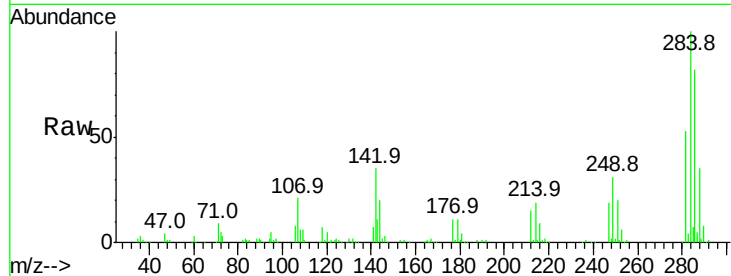
Tot Ion:284 Resp: 233413

Ion Ratio Lower Upper

284 100

142 35.3 34.6 52.0

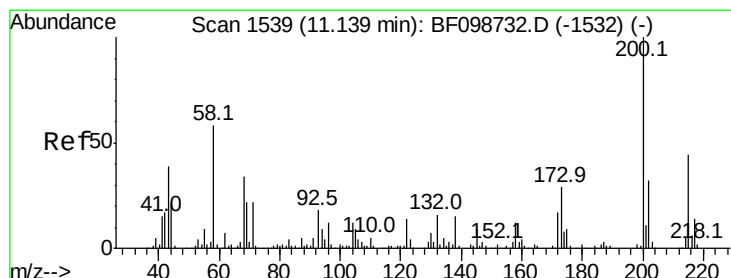
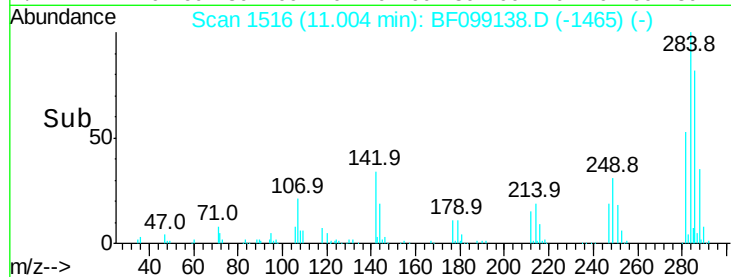
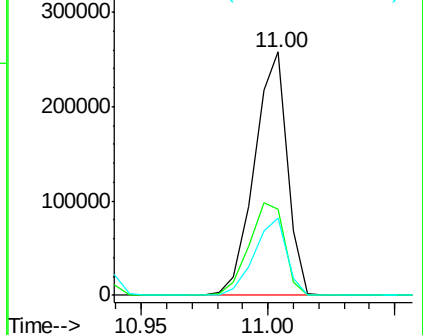
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.450 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

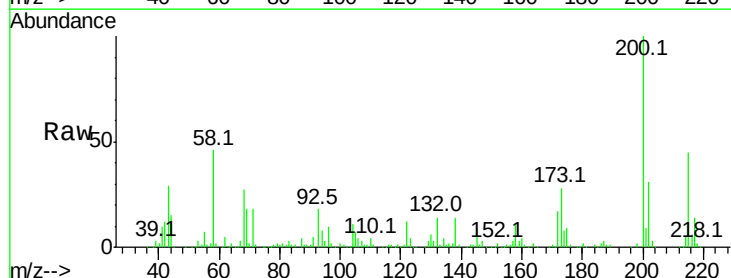
Tgt Ion:200 Resp: 226223

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

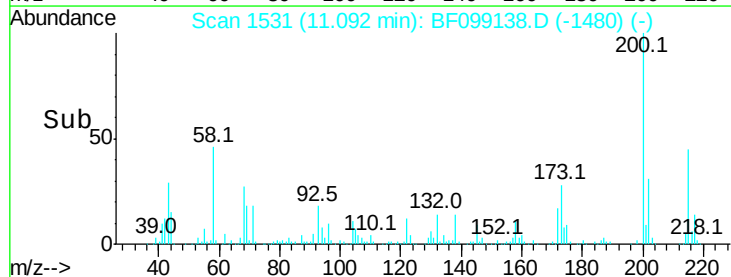
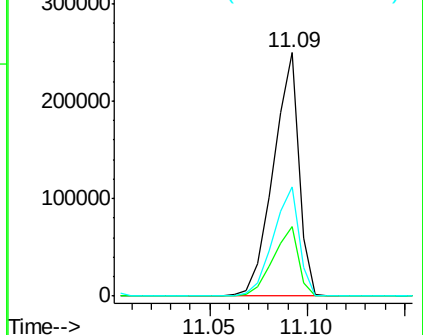
215 45.0 25.1 65.1

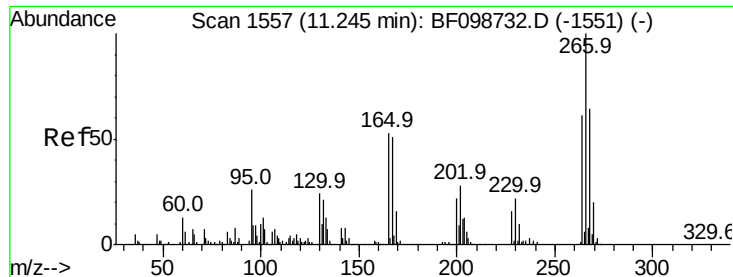


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

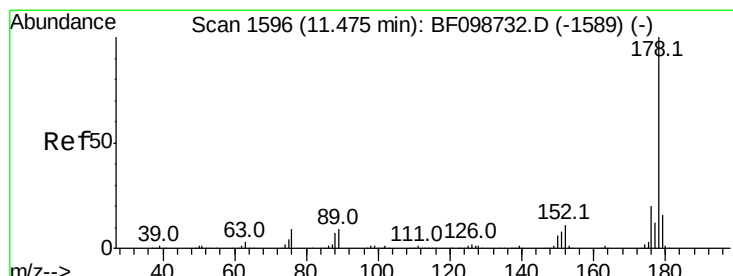
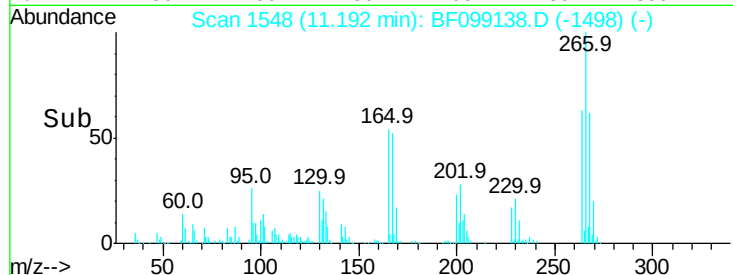
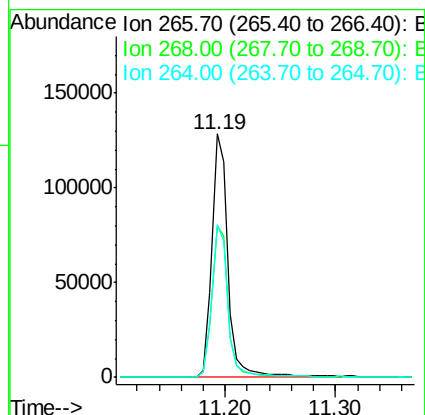
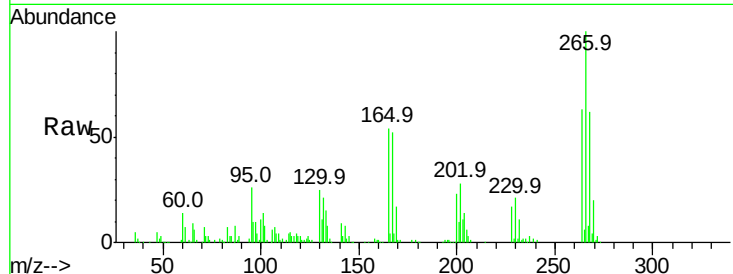




#69
 Pentachlorophenol
 Concen: 35.626 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

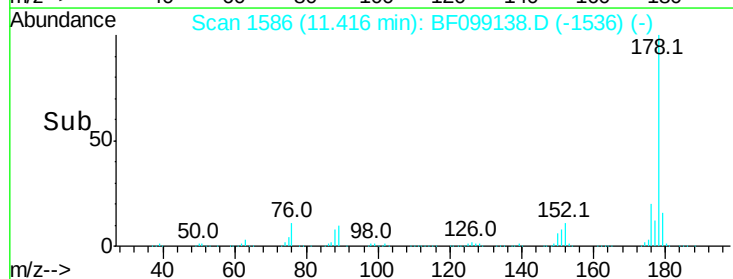
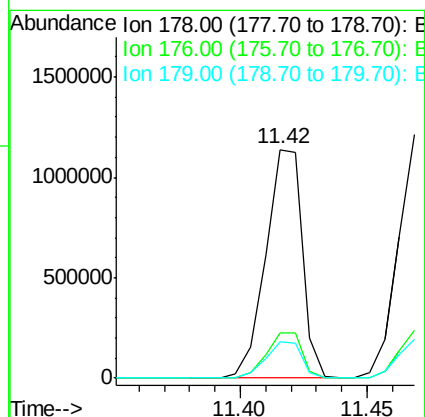
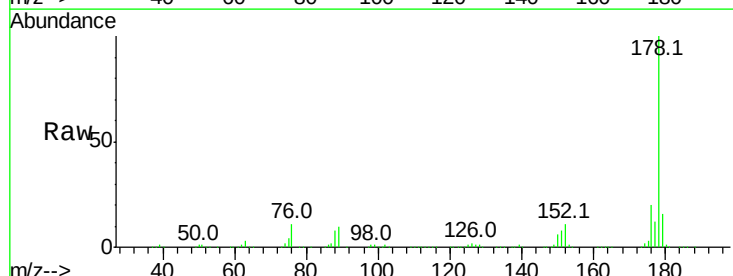
Instrument :
 BNA_F
 ClientSampleId :

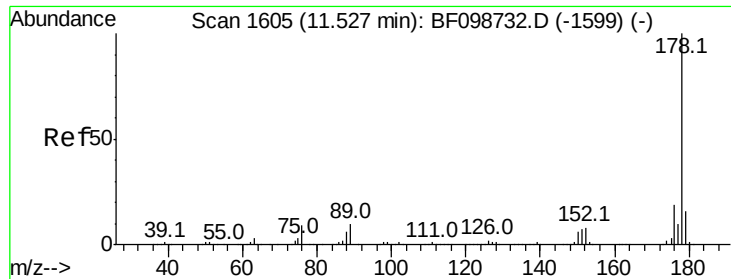
Tot Ion:266 Resp: 127528
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 63.0 49.5 74.3



#70
 Phenanthrene
 Concen: 39.150 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:178 Resp: 1152951
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.1 13.0 19.6





#71

Anthracene

Concen: 39.312 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

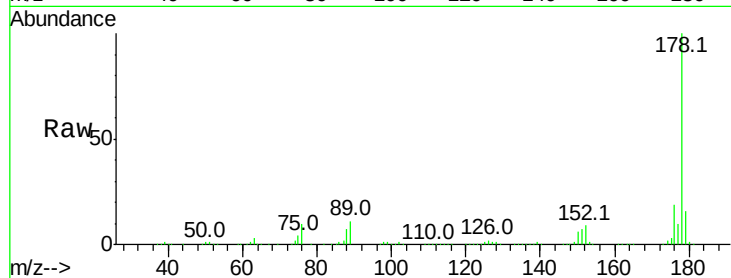
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1184559

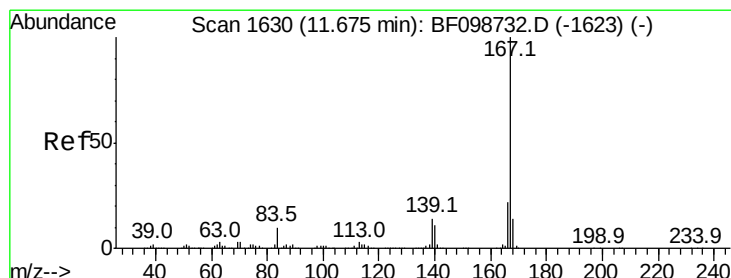
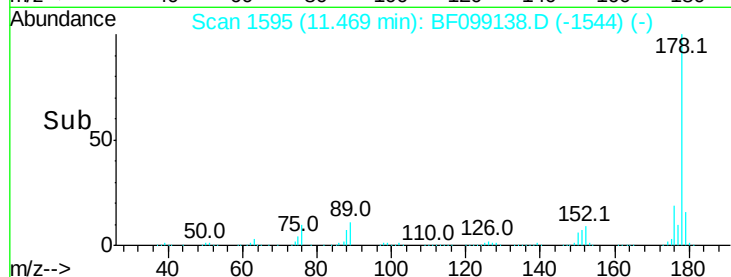
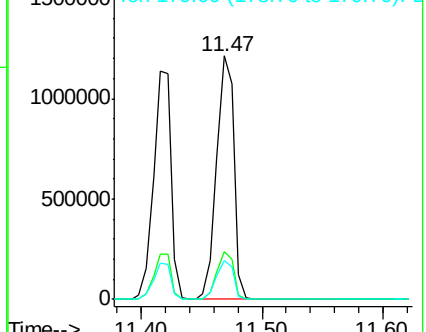
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.515 ng

RT: 11.63 min Scan# 1622

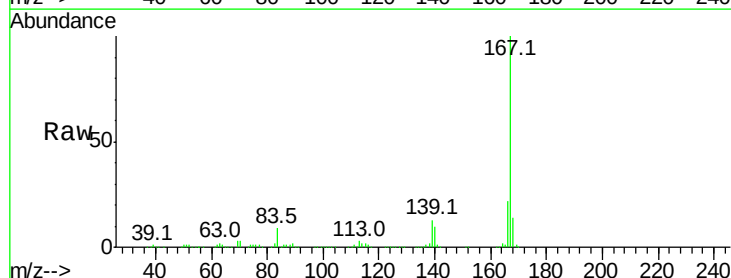
Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Tgt Ion:167 Resp: 1166000

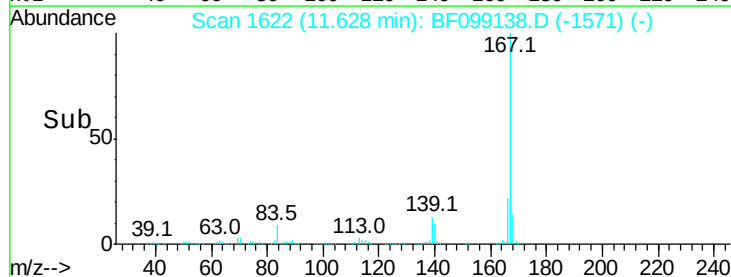
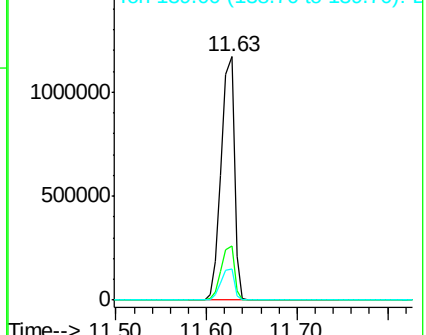
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.0	10.9	16.3

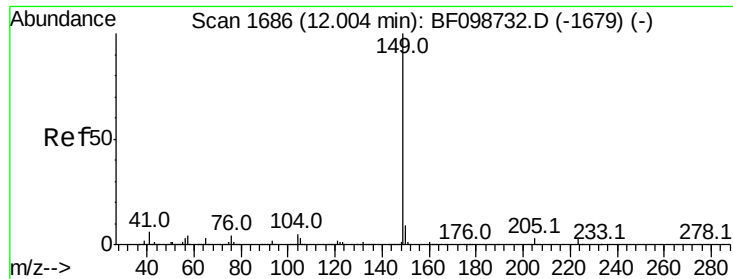


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.068 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

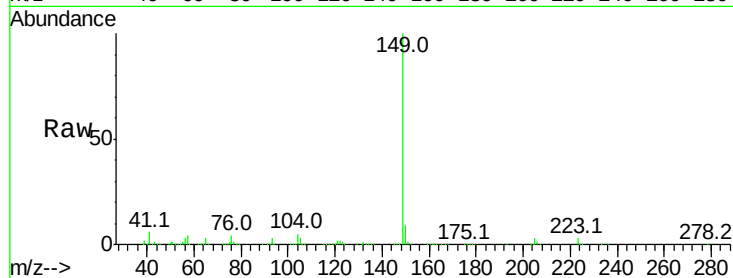
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1352087

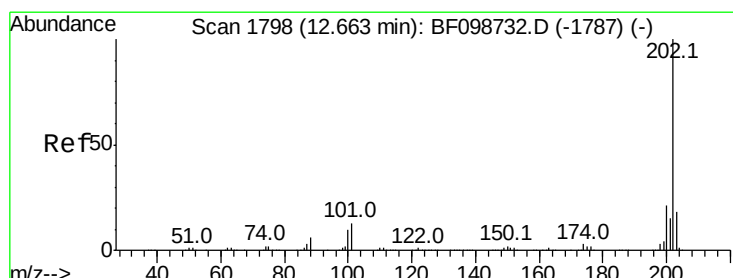
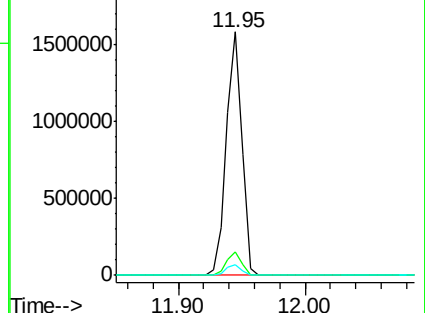
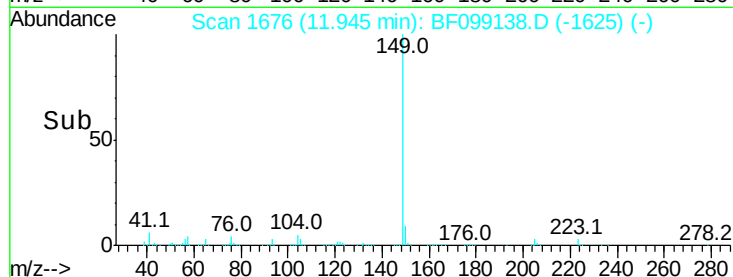
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8



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: 39.089 ng

RT: 12.60 min Scan# 1788

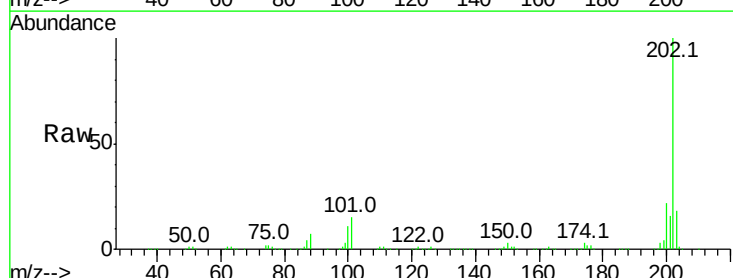
Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Tgt Ion:202 Resp: 1165681

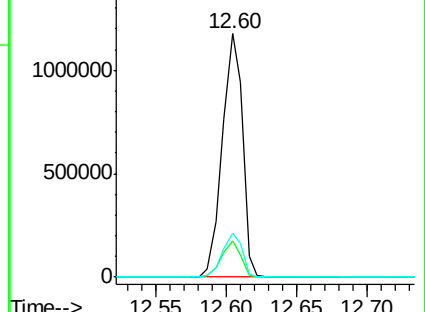
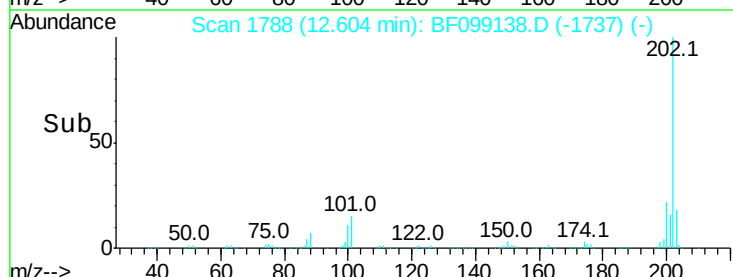
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.2	0.0	38.1

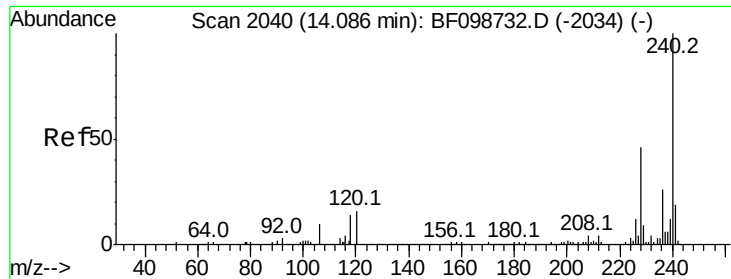


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

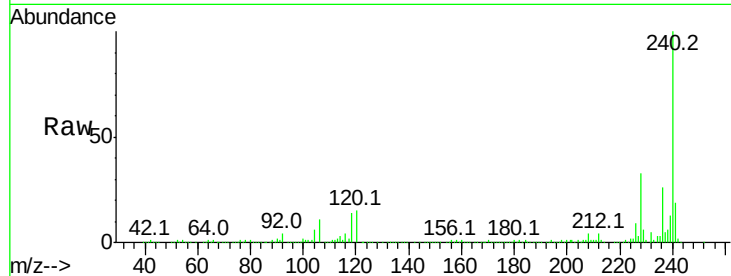
Tot Ion:240 Resp: 389589

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

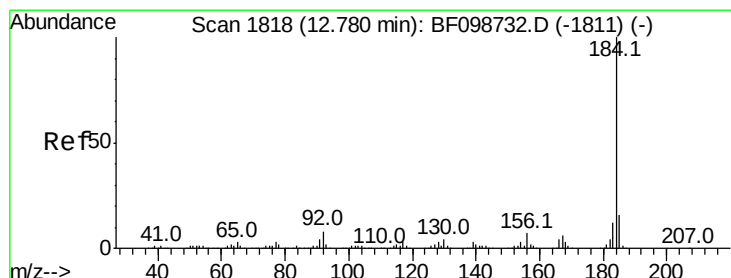
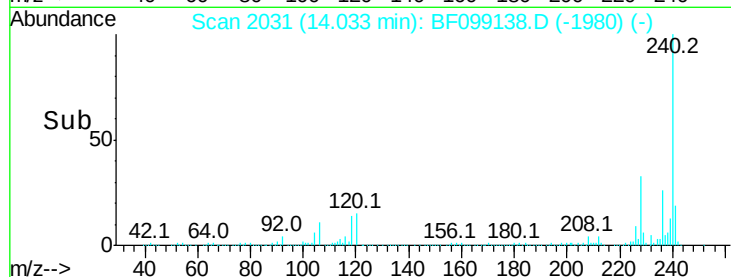
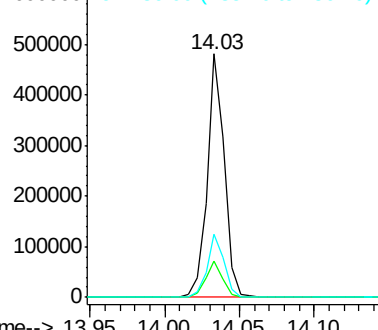
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.186 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

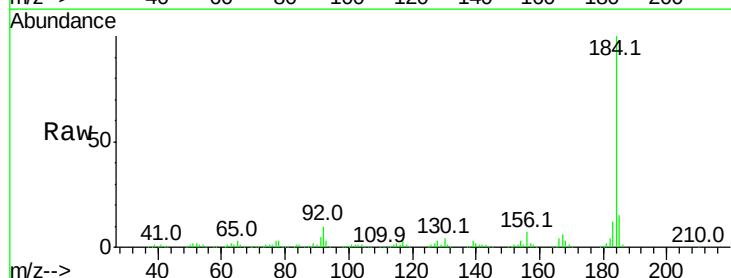
Tgt Ion:184 Resp: 535835

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

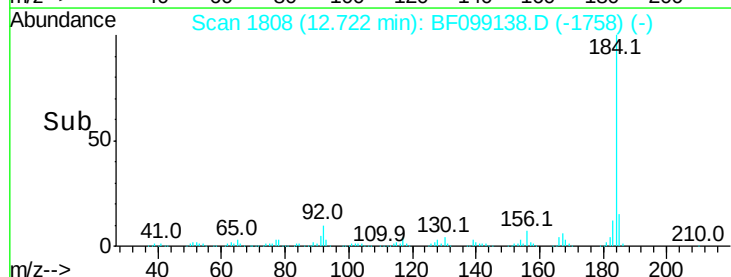
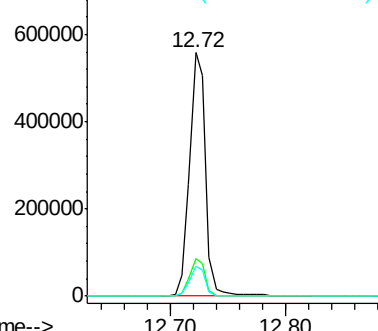
183 12.1 9.3 13.9

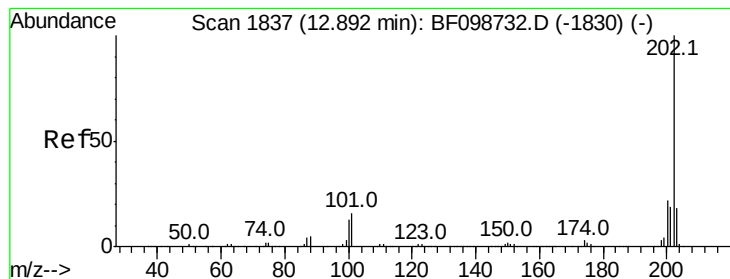


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.841 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

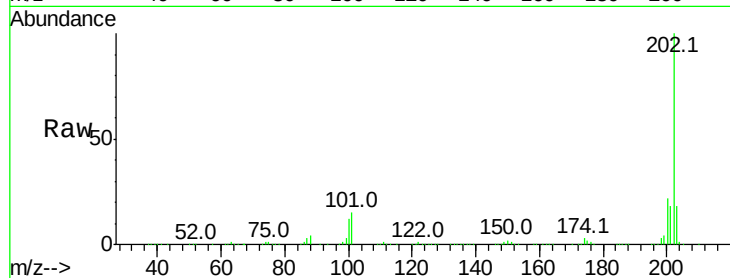
Tot Ion:202 Resp: 1213294

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

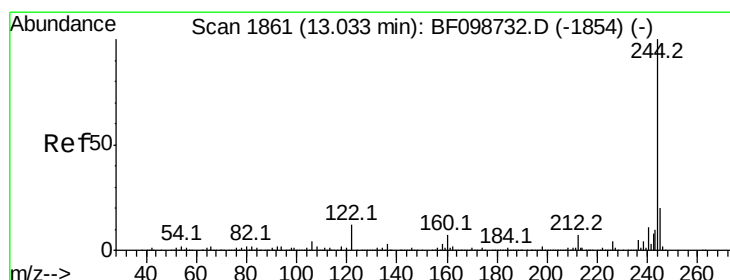
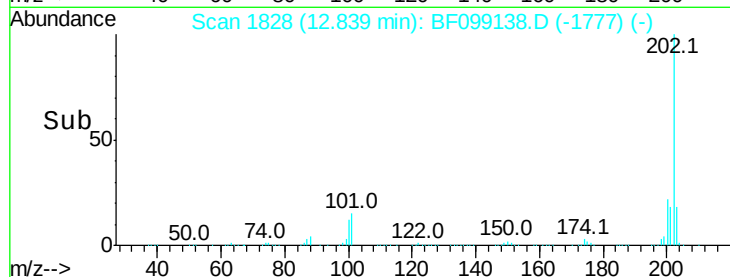
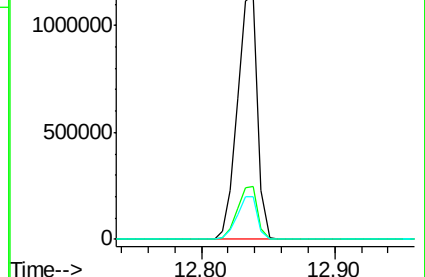
203 17.6 14.3 21.5



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: 79.129 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

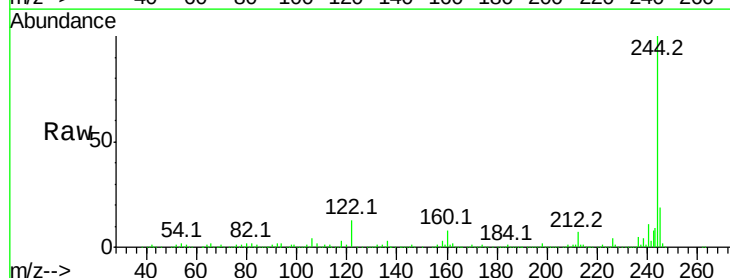
Tgt Ion:244 Resp: 1355543

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

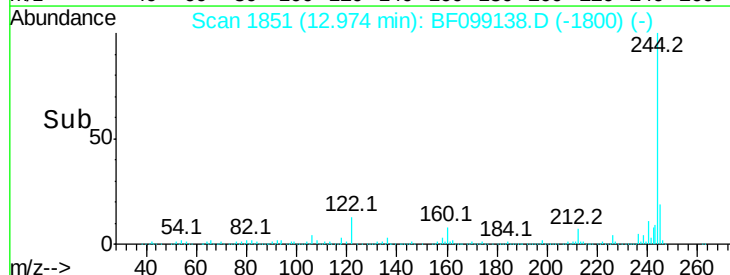
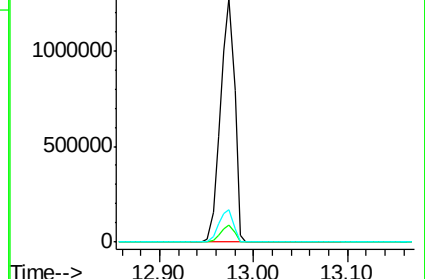
122 13.2 11.0 16.4

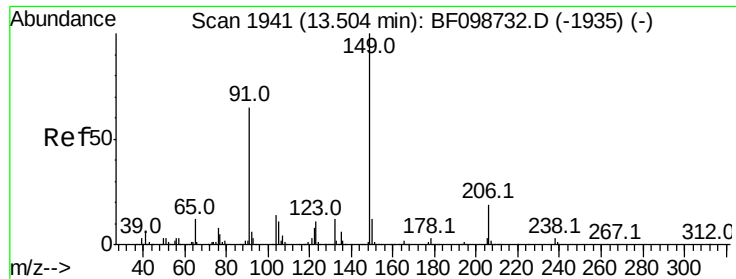


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.613 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

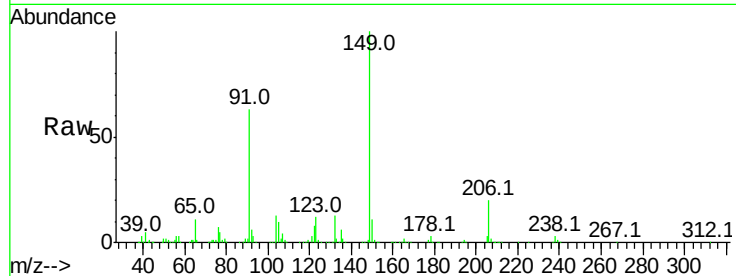
Tot Ion:149 Resp: 567031

Ion Ratio Lower Upper

149 100

91 63.5 56.8 85.2

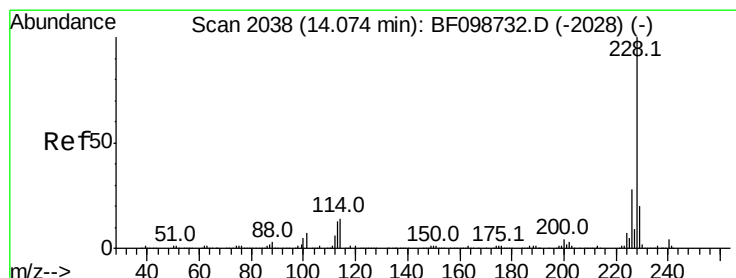
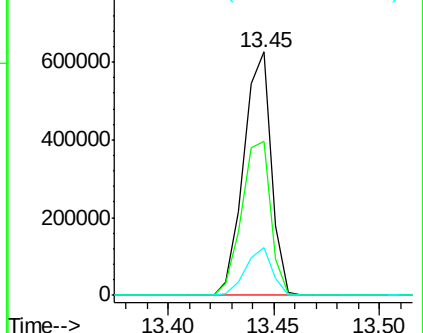
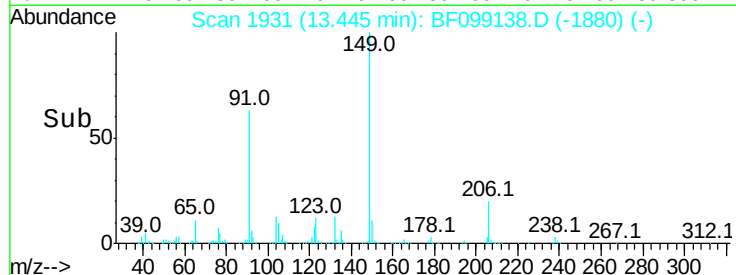
206 19.7 14.1 21.1



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: 40.202 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF099138.D

Acq: 6 Oct 2017 10:12

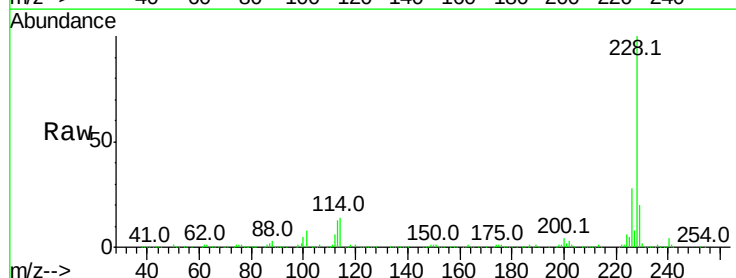
Tgt Ion:228 Resp: 948389

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

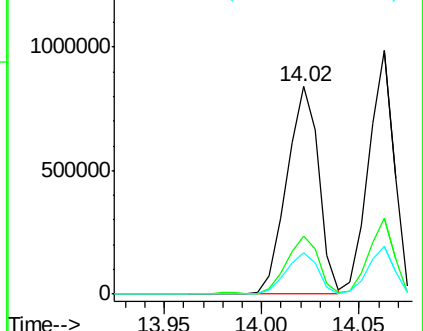
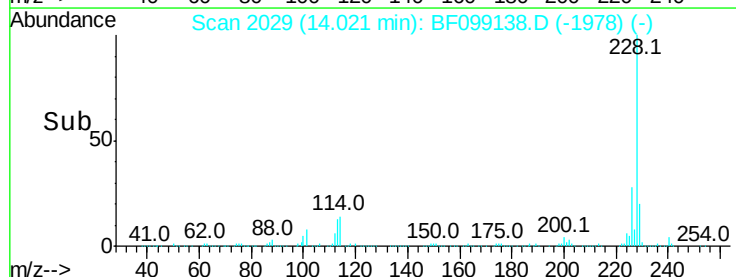
229 19.8 15.8 23.6

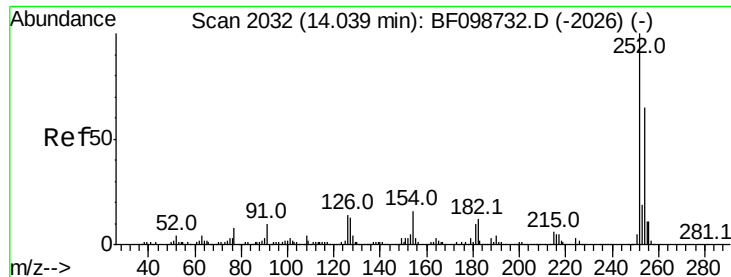


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

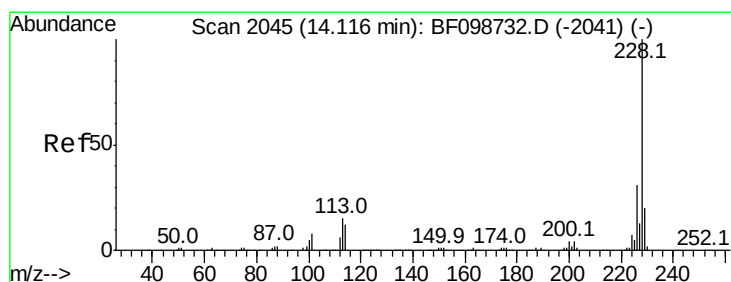
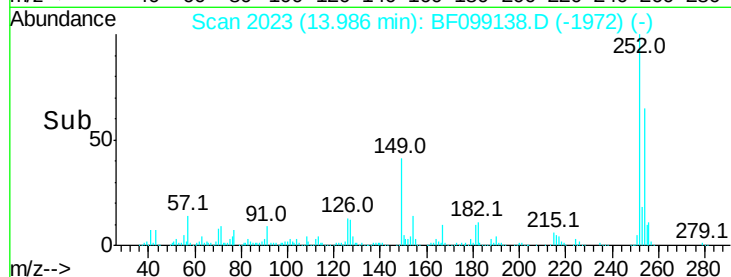
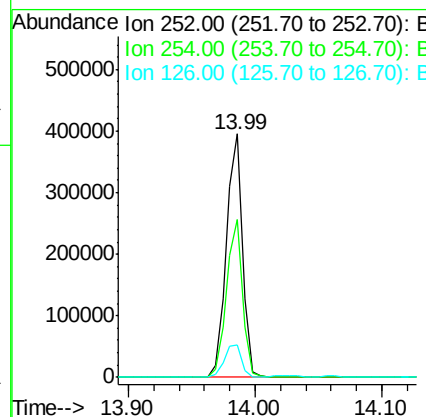
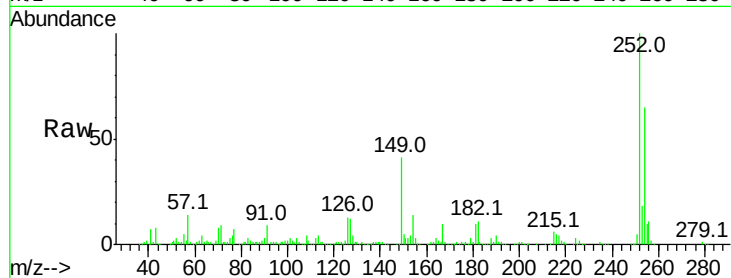




#81
 3,3'-Dichlorobenzidine
 Concen: 40.811 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

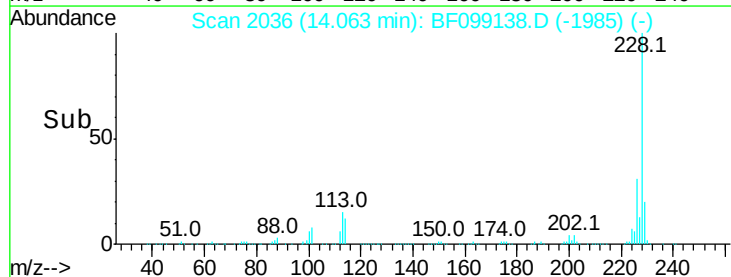
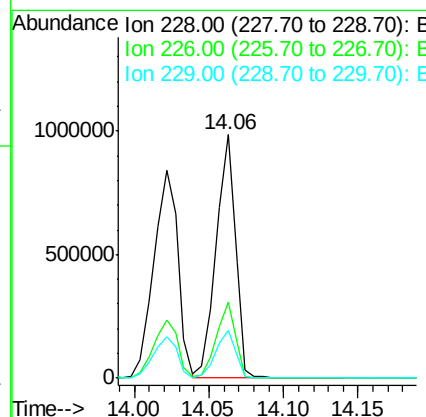
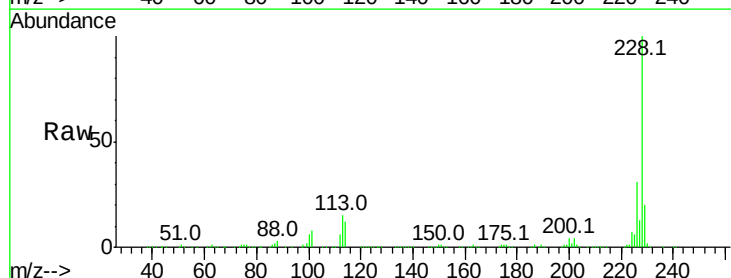
Instrument :
 BNA_F
 ClientSampleId :

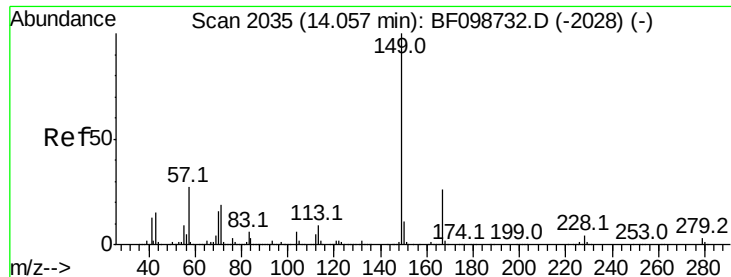
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	13.4	11.3	16.9



#82
 Chrysene
 Concen: 39.641 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.6	16.2	24.4

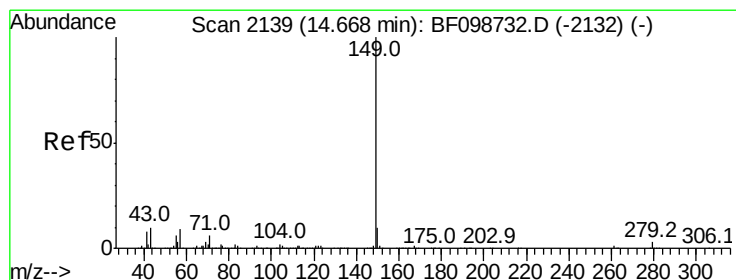
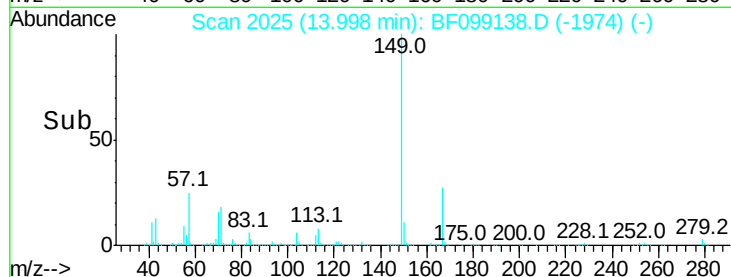
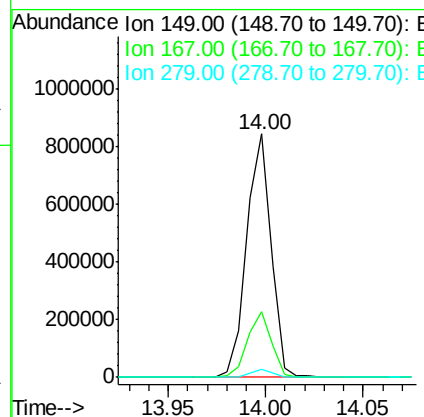
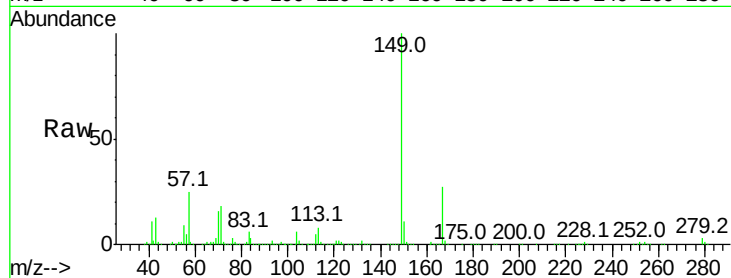




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.195 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

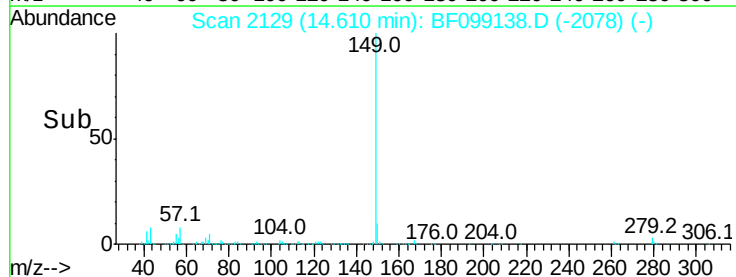
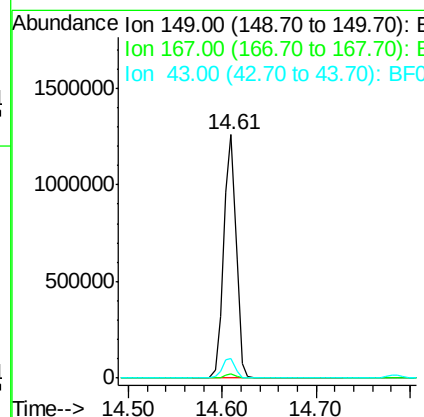
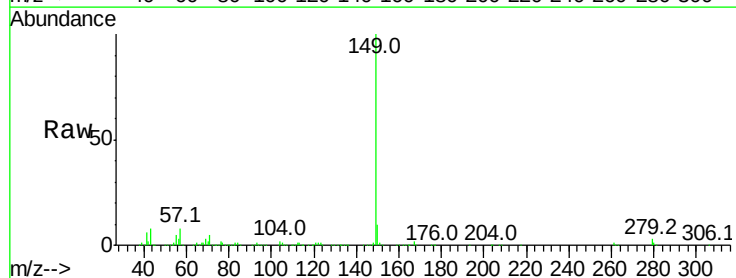
Instrument :
 BNA_F
 ClientSampleId :

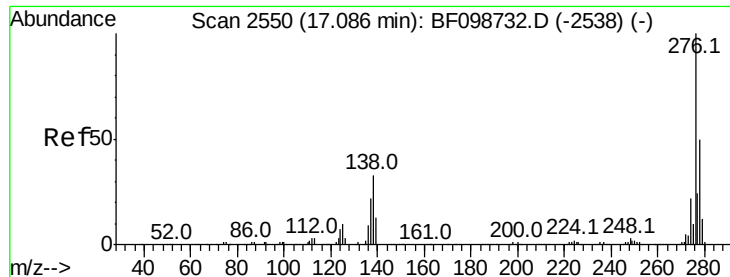
Tot Ion:149 Resp: 734282
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 37.661 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Tgt Ion:149 Resp: 1165840
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.4 12.6



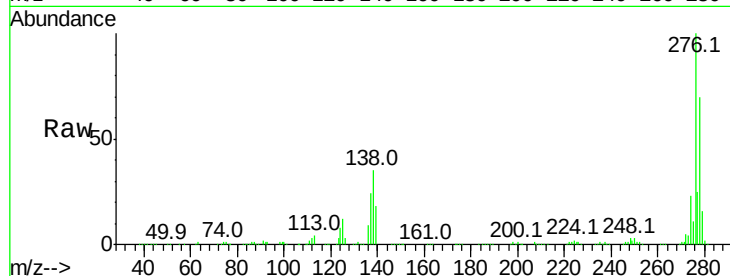


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.208 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

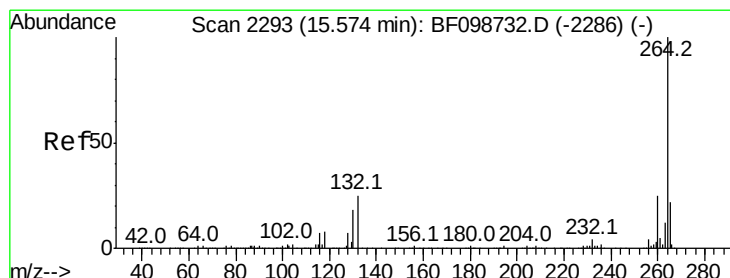
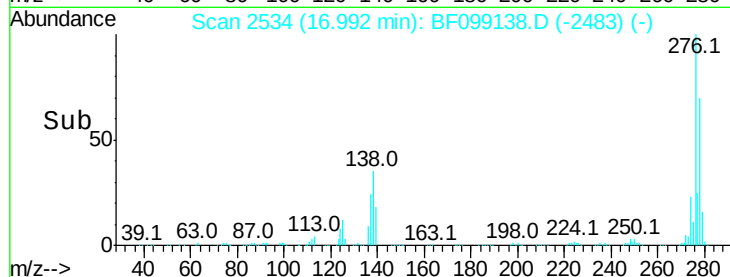
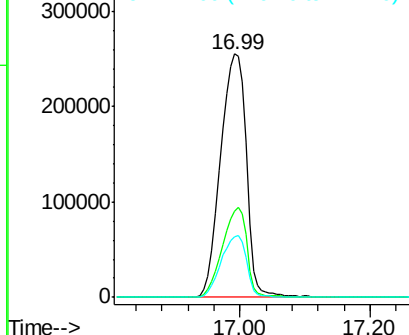
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 704414

Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	24.7	20.1	30.1



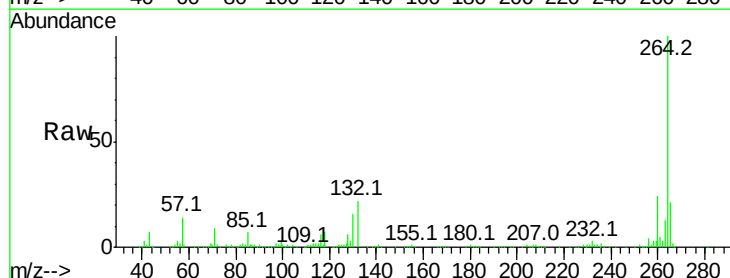
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



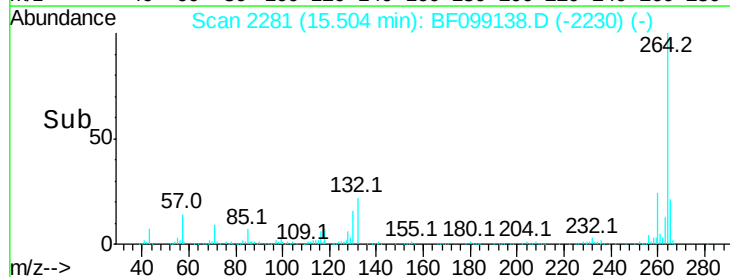
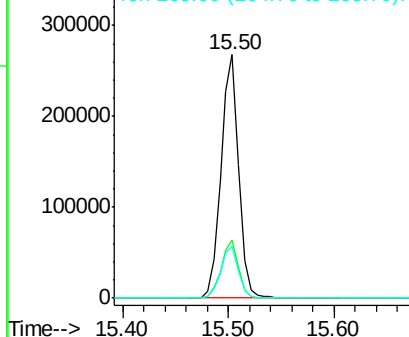
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

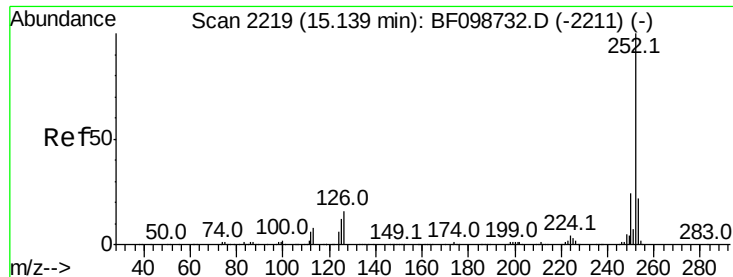
Tgt Ion:264 Resp: 312575

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

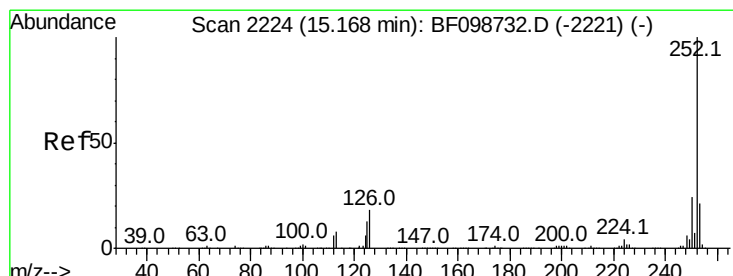
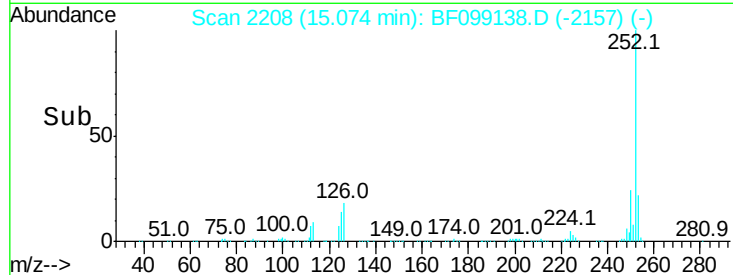
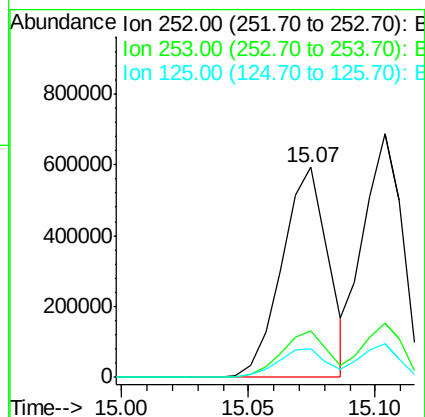
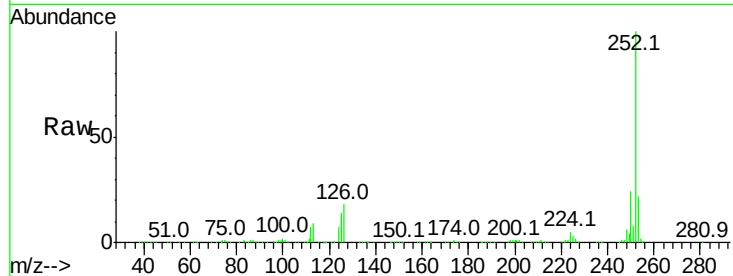




#87
Benzo(b)fluoranthene
Concen: 39.019 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

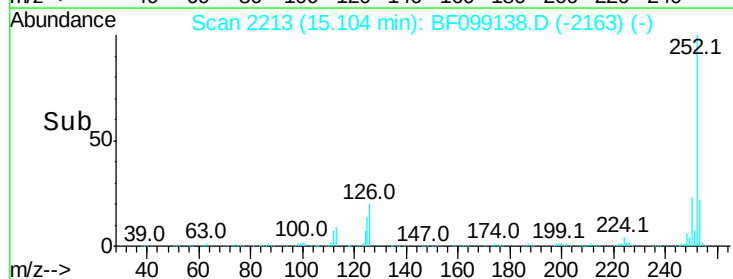
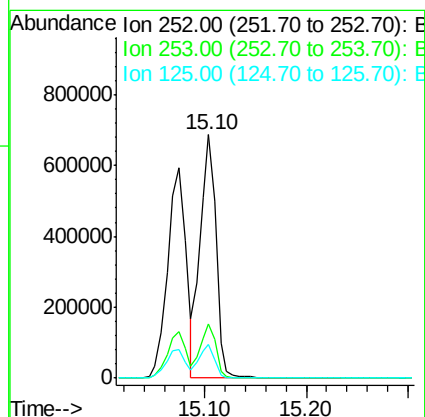
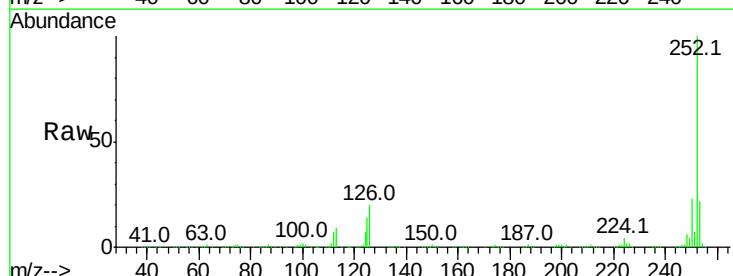
Instrument :
BNA_F
ClientSampleId :

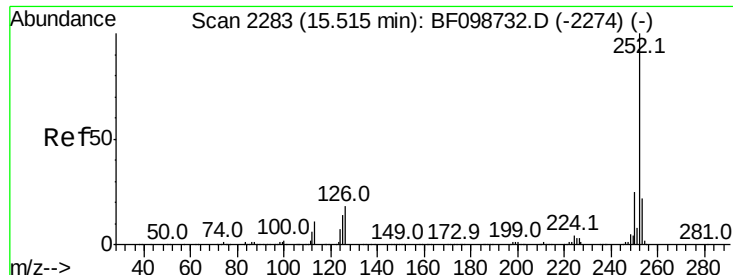
Tot Ion:252 Resp: 749890
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.409 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:252 Resp: 748073
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.7 10.2 15.2

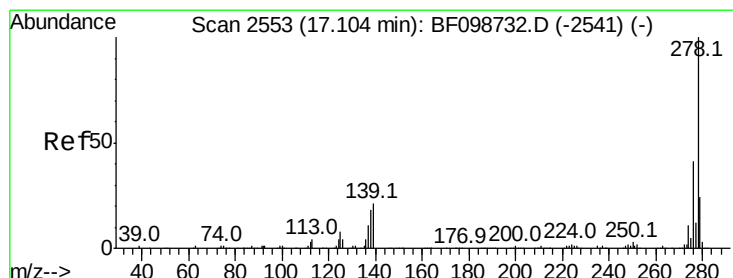
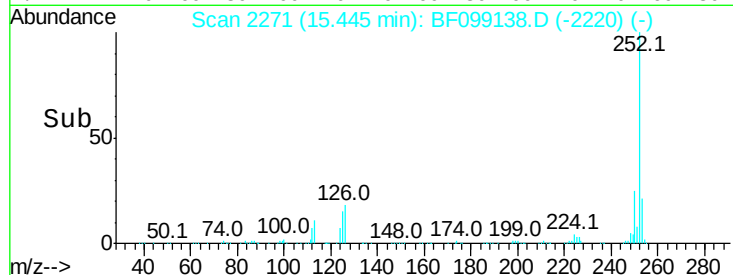
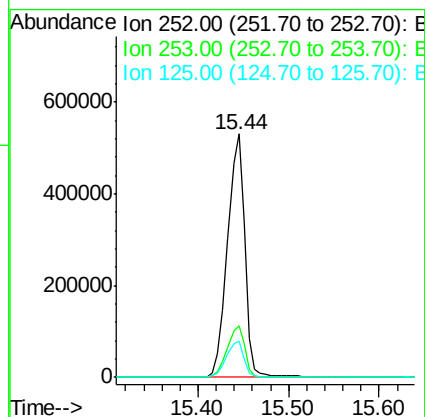
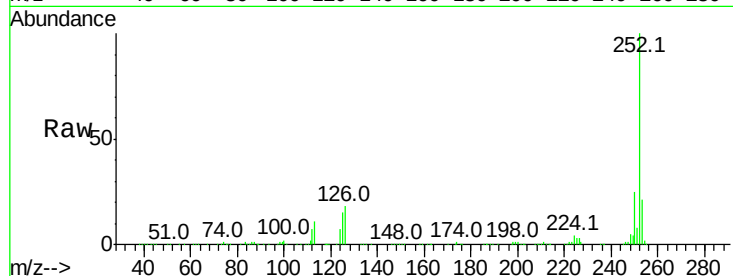




#89
Benzo(a)pyrene
Concen: 39.792 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

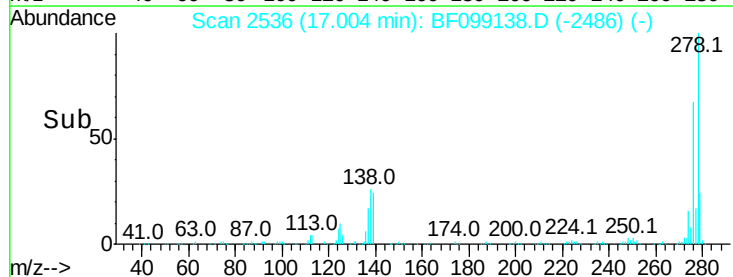
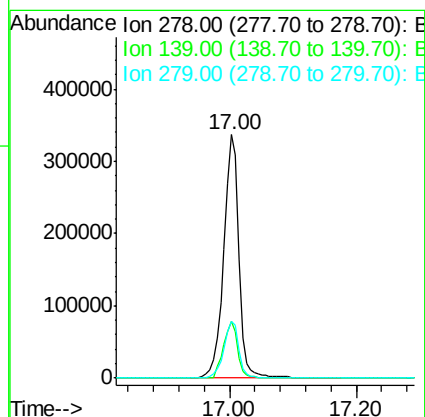
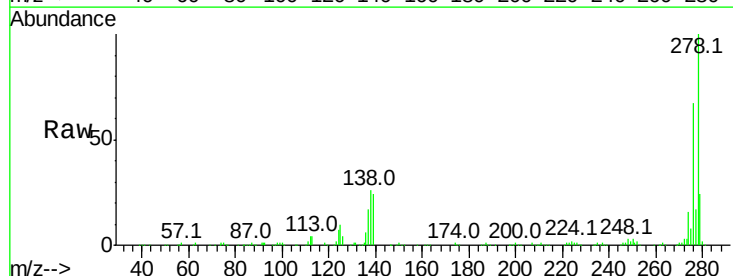
Instrument :
BNA_F
ClientSampleId :

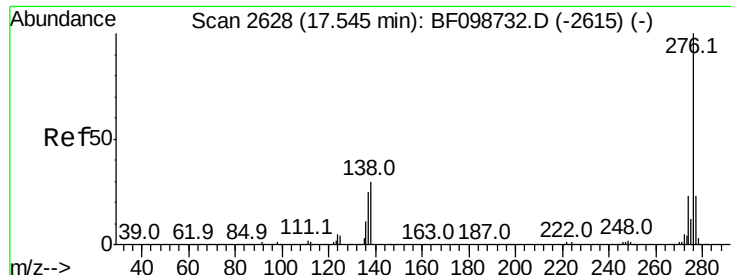
Tot Ion:252 Resp: 701975
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 15.0 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.911 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099138.D
Acq: 6 Oct 2017 10:12

Tgt Ion:278 Resp: 563467
Ion Ratio Lower Upper
278 100
139 23.5 15.9 23.9
279 23.5 19.0 28.4

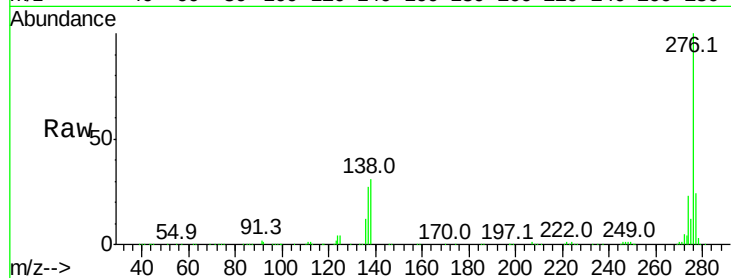




#91
 Benzo(a,h,i)perylene
 Concen: 42.392 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: BF099138.D
 Acq: 6 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 591604
 Ion Ratio Lower Upper
 276 100
 277 23.6 17.9 26.9
 138 31.2 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

