

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099148.D
 Acq On : 6 Oct 2017 15:33
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:54:28 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	173472	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	717389	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	321999	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	567629	20.00	ng	0.00
75) Chrysene-d12	14.03	240	414162	20.00	ng	0.00
86) Perylene-d12	15.50	264	327729	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	857851	78.72	ng	0.00
7) Phenol-d6	6.50	99	1068693	79.50	ng	0.00
23) Nitrobenzene-d5	7.44	82	887254	79.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	214743	81.50	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1452216	75.29	ng	0.00
78) Terphenyl-d14	12.97	244	1402200	77.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	203181	39.03	ng	95
3) Pyridine	3.41	79	547030	38.85	ng	96
4) n-Nitrosodimethylamine	3.38	42	220760	36.97	ng	86
6) Aniline	6.54	93	722277	39.81	ng	98
8) 2-Chlorophenol	6.66	128	487800	39.53	ng	94
9) Benzaldehyde	6.42	77	273720	35.10	ng	96
10) Phenol	6.52	94	625294	41.59	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	456361	39.05	ng	96
12) 1,3-Dichlorobenzene	6.81	146	506059	39.16	ng	98
13) 1,4-Dichlorobenzene	6.89	146	507112	38.57	ng	98
14) 1,2-Dichlorobenzene	7.04	146	468733	38.58	ng	99
15) Benzyl Alcohol	7.01	79	363154	36.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	649463	35.67	ng	96
17) 2-Methylphenol	7.12	107	398550	39.47	ng	98
18) Hexachloroethane	7.38	117	180019	38.09	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	300718	35.04	ng	96
20) 3+4-Methylphenols	7.27	107	464086	36.33	ng	# 86
22) Acetophenone	7.28	105	622987	35.84	ng	97
24) Nitrobenzene	7.46	77	494894	39.00	ng	96
25) Isophorone	7.69	82	891699	38.55	ng	99
26) 2-Nitrophenol	7.77	139	275756	45.19	ng	89
27) 2,4-Dimethylphenol	7.80	122	447024	38.79	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	552799	38.35	ng	100
29) 2,4-Dichlorophenol	8.01	162	399703	40.40	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	387426	39.15	ng	98
31) Naphthalene	8.17	128	1294300	38.41	ng	100
32) Benzoic acid	7.95	122	348814	36.85	ng	97
33) 4-Chloroaniline	8.22	127	562672	39.99	ng	98
34) Hexachlorobutadiene	8.29	225	193419	37.95	ng	99
35) Caprolactam	8.62	113	131761	41.52	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	431283	38.78	ng	95
37) 2-Methylnaphthalene	8.86	142	836630	38.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	375839	39.14	ng	98
40) Hexachlorocyclopentadiene	9.01	237	144866	33.01	ng	99

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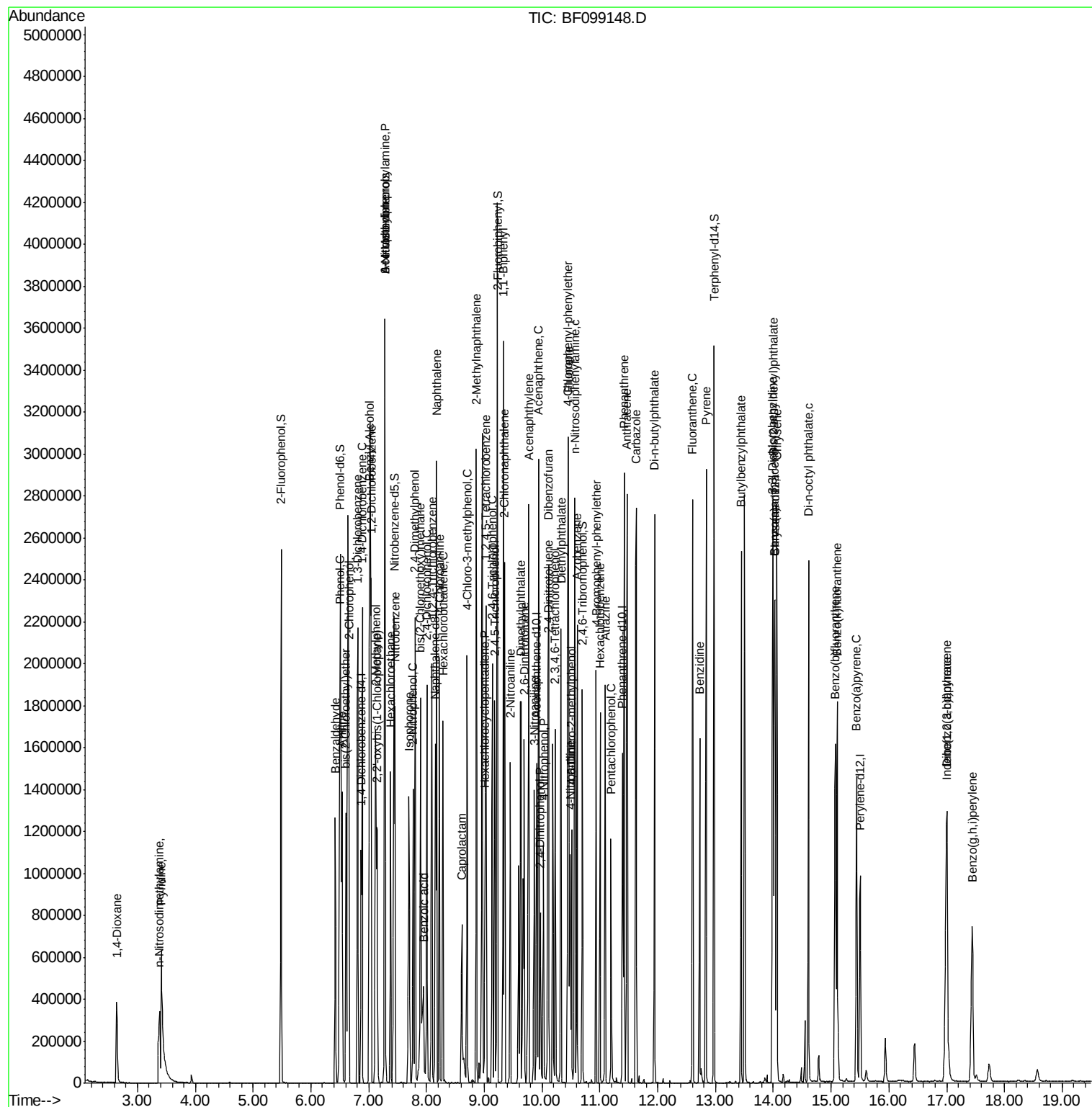
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42) 2,4,6-Trichlorophenol	9.14	196	264777	38.92	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	264028	38.88	nq	96
45) 1,1'-Biphenyl	9.33	154	1057261	38.20	nq	100
46) 2-Chloronaphthalene	9.36	162	813363	39.15	nq	96
47) 2-Nitroaniline	9.45	65	257468	40.47	nq	94
48) Acenaphthylene	9.77	152	1231989	38.73	nq	99
49) Dimethylphthalate	9.63	163	955953	39.34	nq	99
50) 2,6-Dinitrotoluene	9.69	165	222531	42.06	nq	96
51) Acenaphthene	9.94	154	738966	36.68	nq	98
52) 3-Nitroaniline	9.87	138	266839	43.25	nq	92
53) 2,4-Dinitrophenol	9.97	184	99897	39.45	nq	98
54) Dibenzofuran	10.11	168	1020225	38.03	nq	98
55) 4-Nitrophenol	10.02	139	200277	38.39	nq	92
56) 2,4-Dinitrotoluene	10.10	165	292434	42.59	nq	92
57) Fluorene	10.46	166	828020	38.40	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	181305	38.65	nq	98
59) Diethylphthalate	10.33	149	894891	37.68	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	360948	37.27	nq	96
61) 4-Nitroaniline	10.49	138	271482	45.61	nq	91
62) Azobenzene	10.60	77	797767	36.54	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	155173	44.93	nq	89
65) n-Nitrosodiphenylamine	10.57	169	759430	38.62	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	218609	39.35	nq	96
67) Hexachlorobenzene	11.00	284	232363	39.16	nq	94
68) Atrazine	11.09	200	235120	39.74	nq	99
69) Pentachlorophenol	11.20	266	132013	35.74	nq	99
70) Phenanthrene	11.42	178	1171419	38.55	nq	99
71) Anthracene	11.47	178	1209202	38.90	nq	100
72) Carbazole	11.63	167	1210466	39.76	nq	100
73) Di-n-butylphthalate	11.94	149	1377321	37.59	nq	100
74) Fluoranthene	12.60	202	1211928	39.39	nq	99
76) Benzidine	12.73	184	615601	40.19	nq	98
77) Pyrene	12.84	202	1241606	39.31	nq	99
79) Butylbenzylphthalate	13.44	149	595141	40.10	nq	95
80) Benzo(a)anthracene	14.02	228	994209	39.64	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	361973	39.37	nq	99
82) Chrysene	14.06	228	944273	39.55	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	756225	37.00	nq	99
84) Di-n-octyl phthalate	14.61	149	1218421	37.02	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	729679	38.20	nq	96
87) Benzo(b)fluoranthene	15.07	252	793532	39.38	nq	97
88) Benzo(k)fluoranthene	15.10	252	785470	39.47	nq	98
89) Benzo(a)pyrene	15.44	252	728499	39.39	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	589608	39.83	nq	96
91) Benzo(g,h,i)perylene	17.44	276	615852	42.09	nq	95

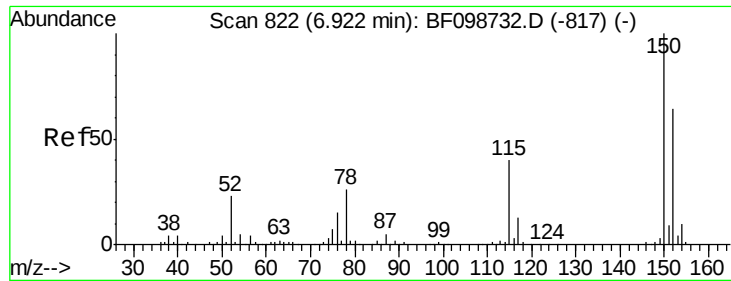
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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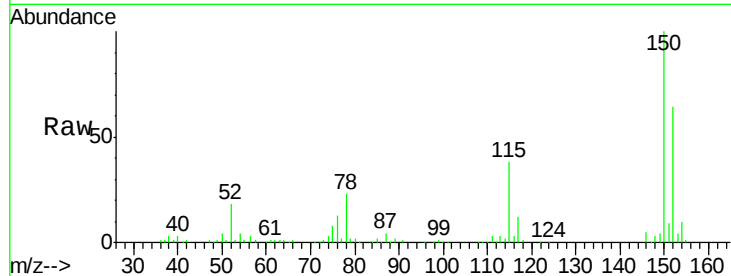


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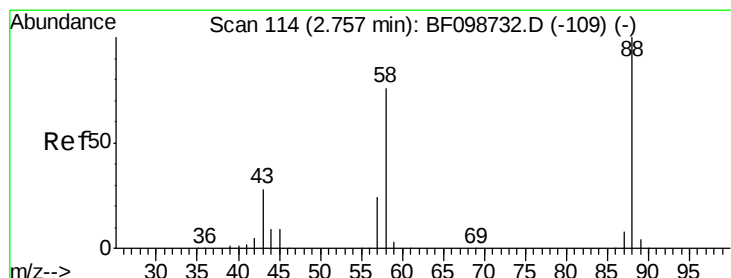
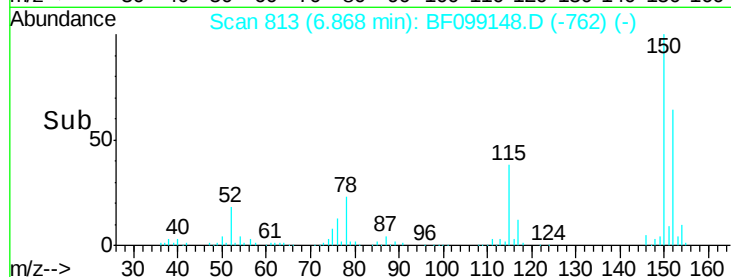
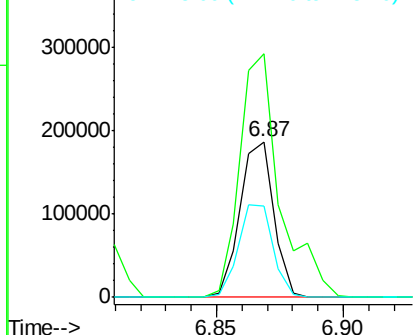
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173472
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 58.7 50.1 75.1



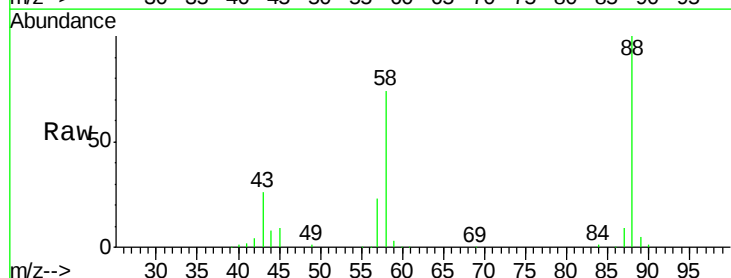
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



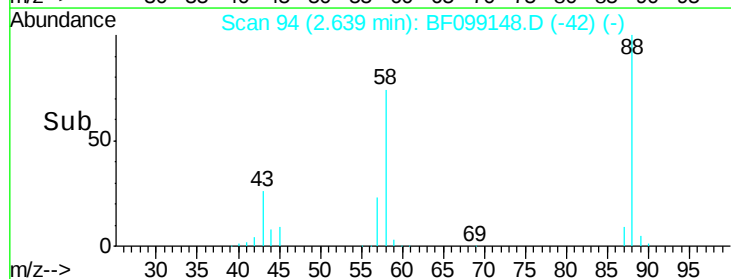
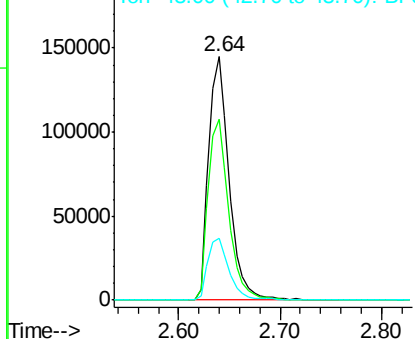
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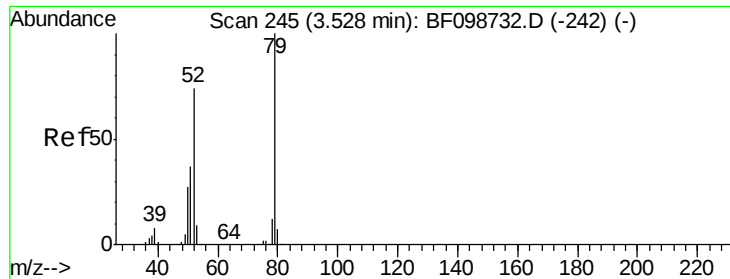
1,4-Dioxane
Concen: 39.03 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion: 88 Resp: 203181
Ion Ratio Lower Upper
88 100
58 75.2 62.6 93.8
43 26.8 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

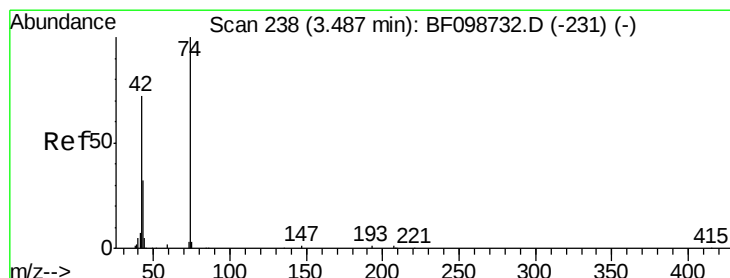
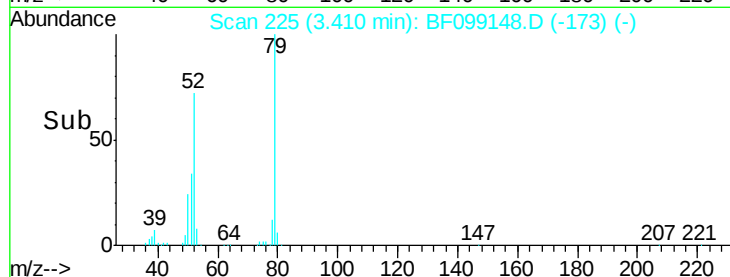
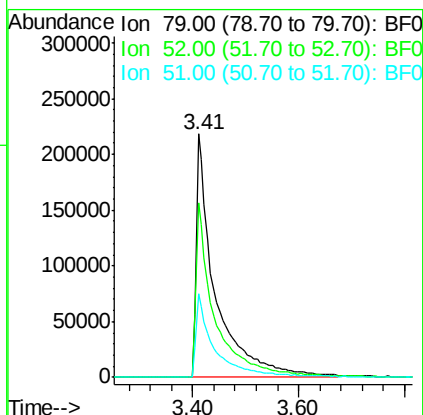
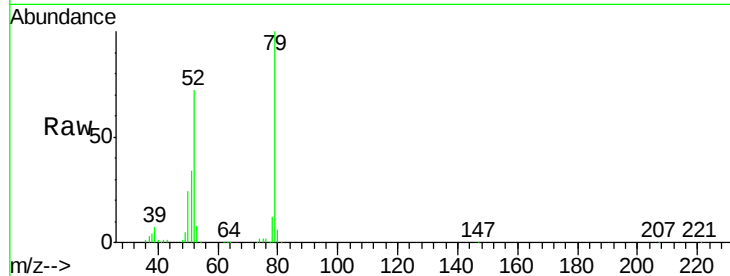




#3
 Pvridine
 Concen: 38.85 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

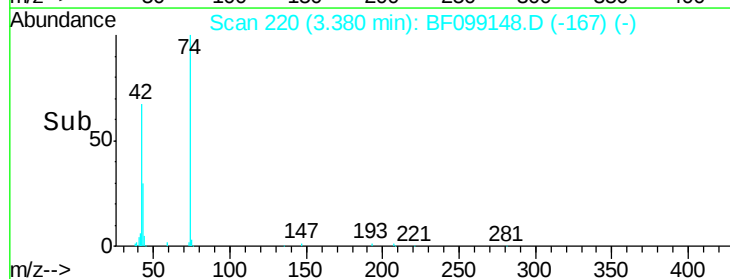
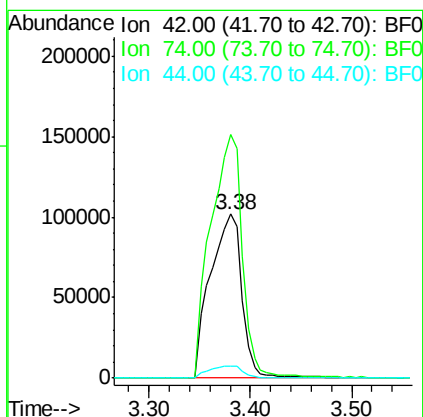
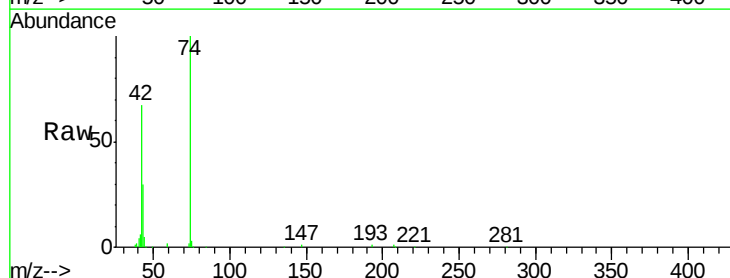
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 547030
 Ion Ratio Lower Upper
 79 100
 52 71.5 59.8 89.6
 51 34.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.97 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion: 42 Resp: 220760
 Ion Ratio Lower Upper
 42 100
 74 148.3 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 78.72 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

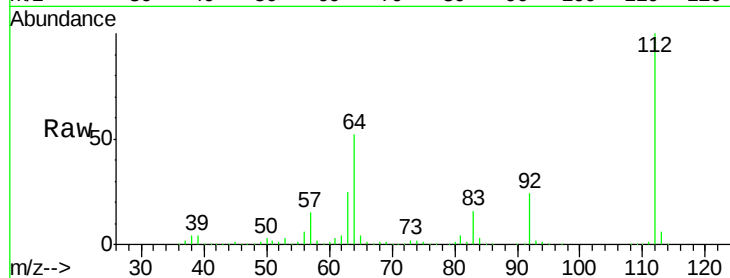
Tot Ion:112 Resp: 857851

Ion Ratio Lower Upper

112 100

64 52.4 47.9 71.9

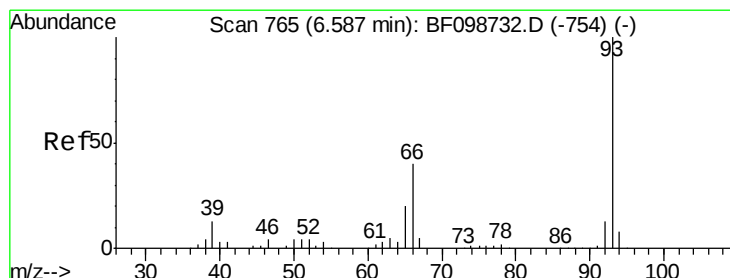
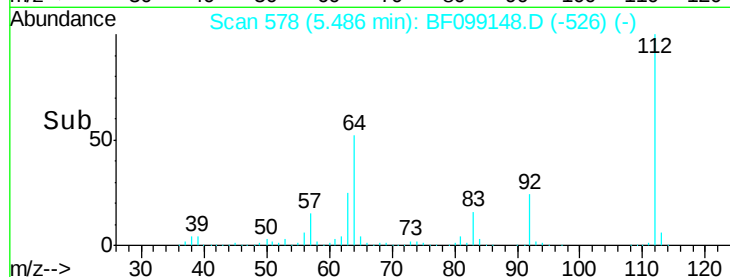
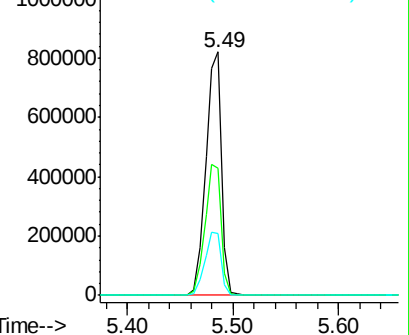
63 25.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.81 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

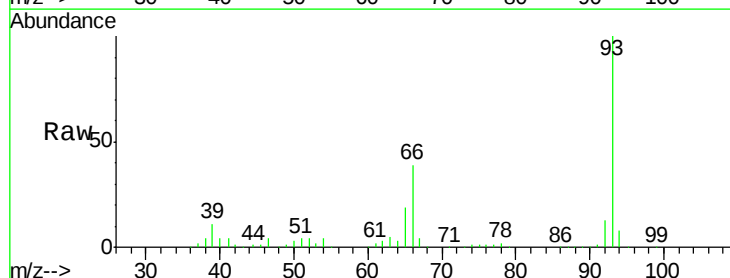
Tgt Ion: 93 Resp: 722277

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

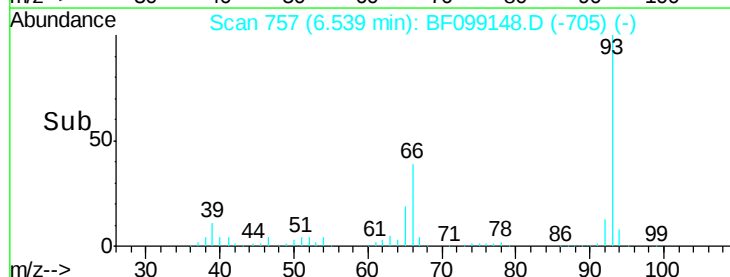
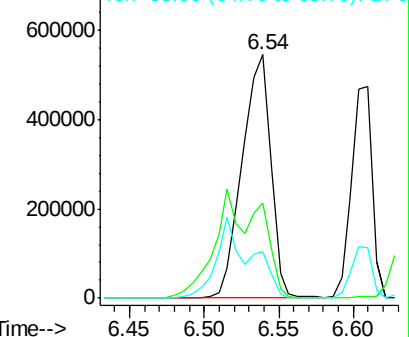
65 19.2 16.4 24.6

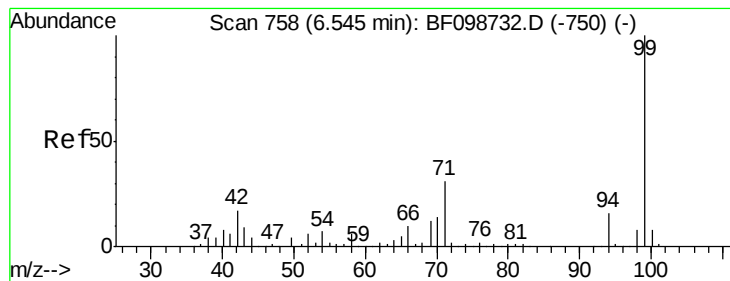


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampled :

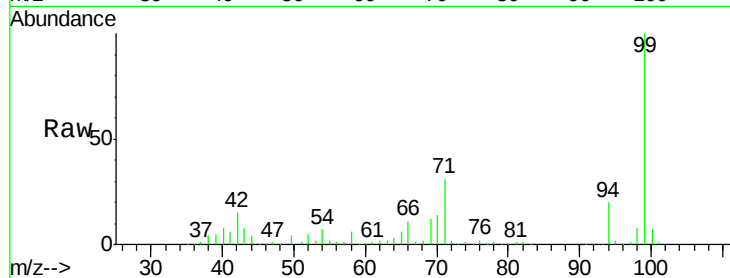
Tot Ion: 99 Resp: 1068693

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

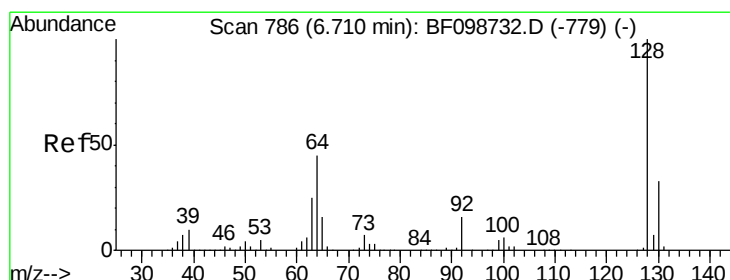
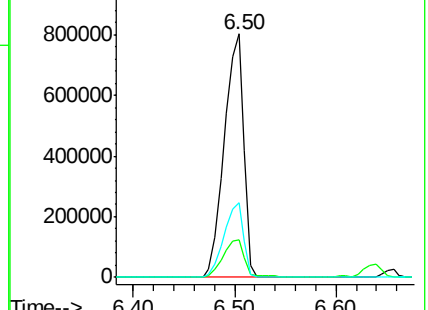
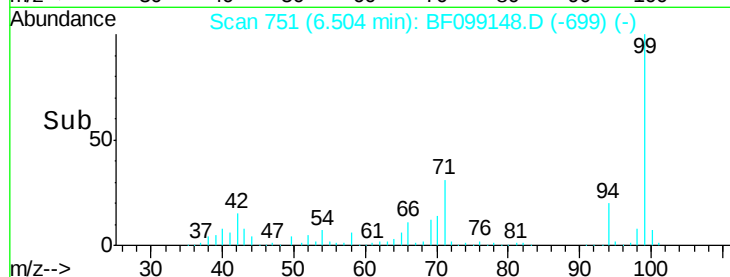
71 30.8 25.4 38.0



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: 39.53 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

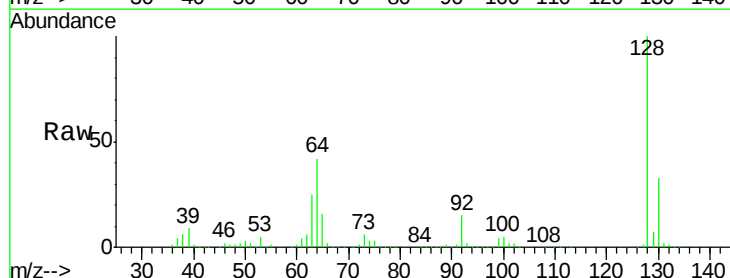
Tgt Ion: 128 Resp: 487800

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

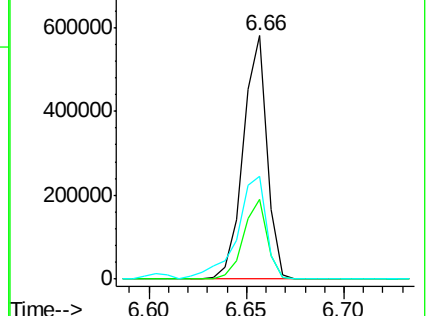
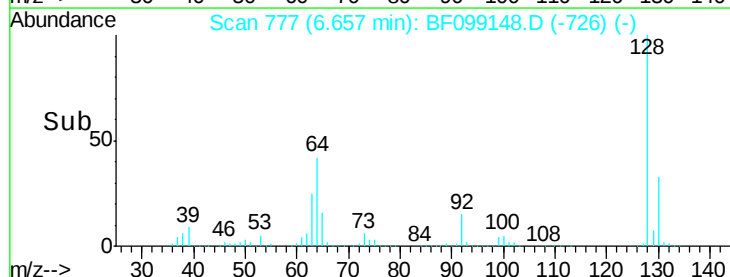
64 42.5 29.4 69.4

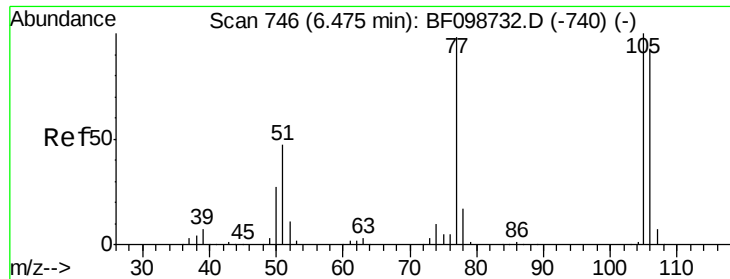


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.10 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

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ClientSampleId :

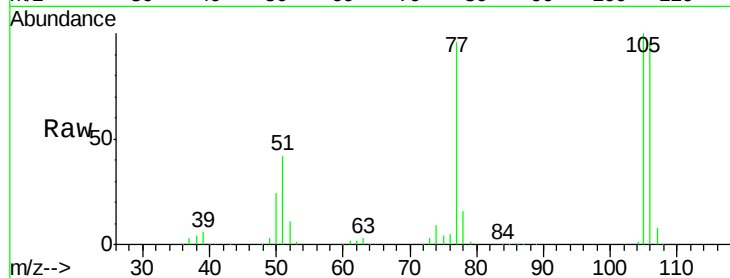
Tot Ion: 77 Resp: 273720

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

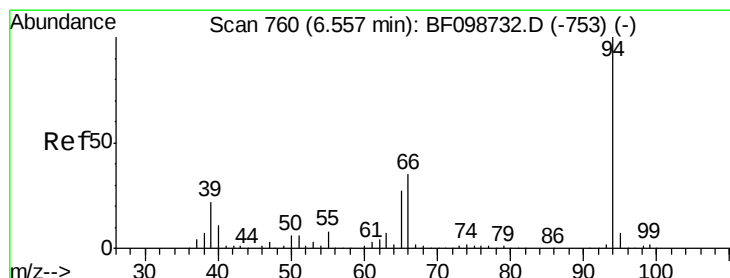
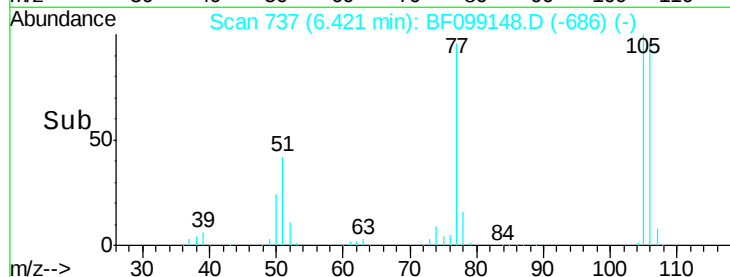
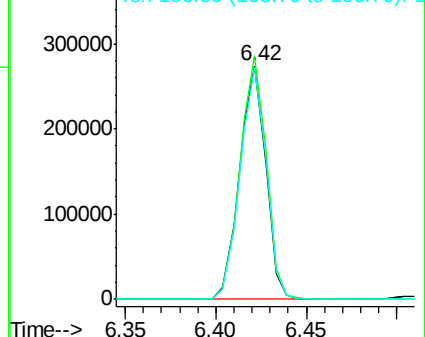
106 99.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.59 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

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Acq: 6 Oct 2017 15:33

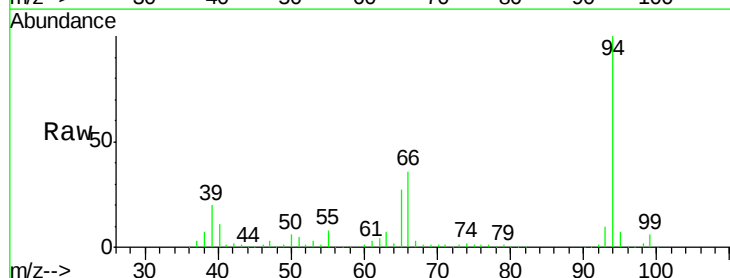
Tgt Ion: 94 Resp: 625294

Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

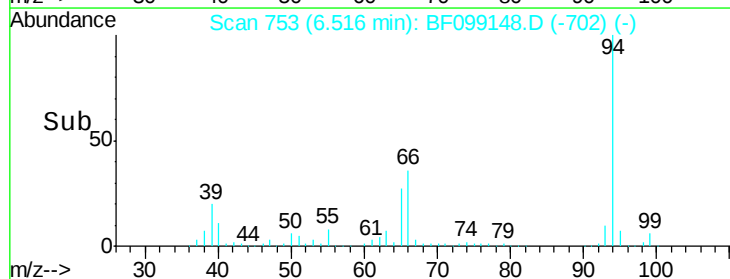
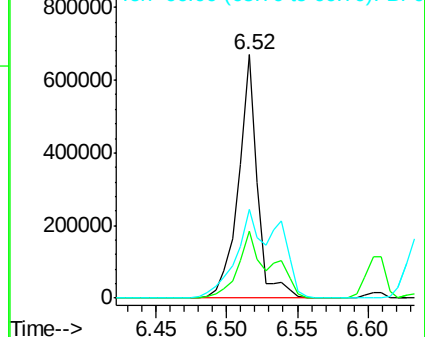
66 36.5 16.2 56.2

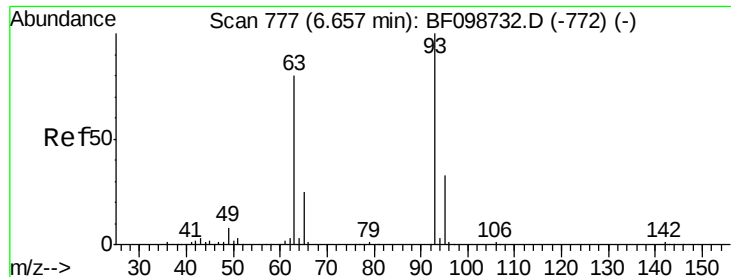


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

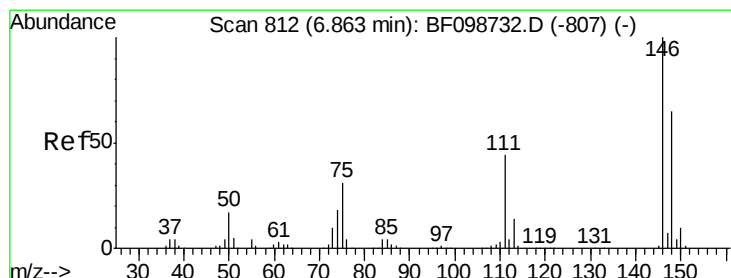
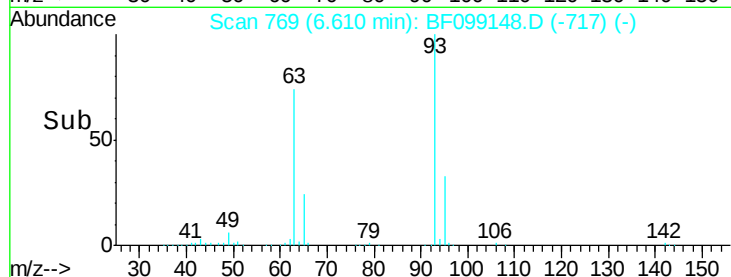
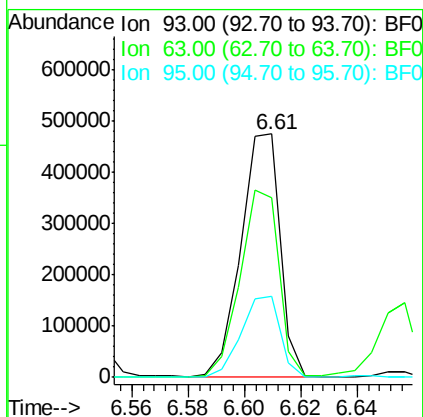
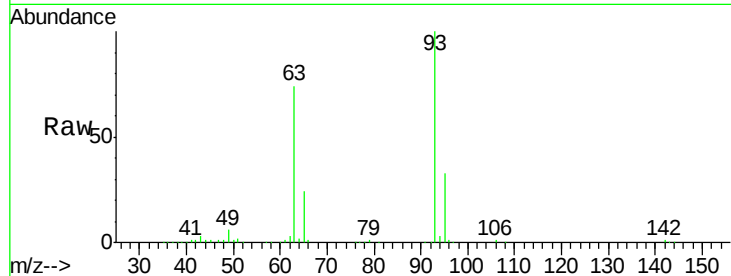




#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

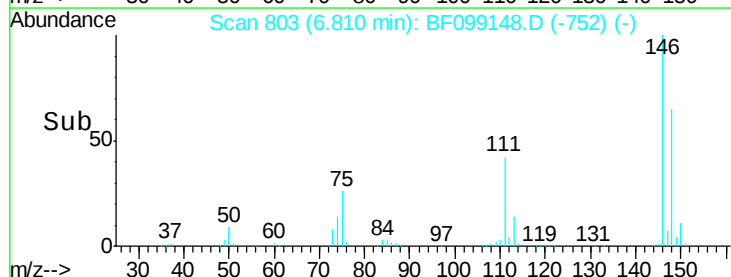
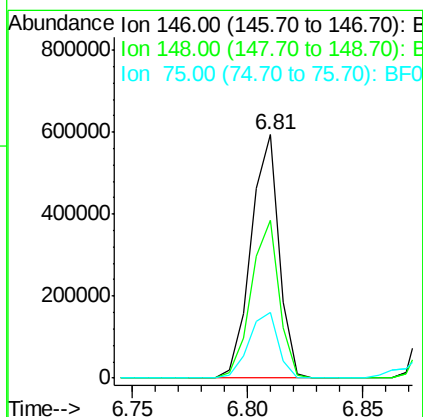
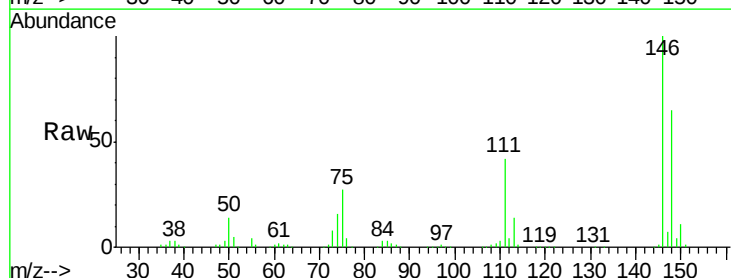
Instrument :
BNA_F
ClientSampleId :

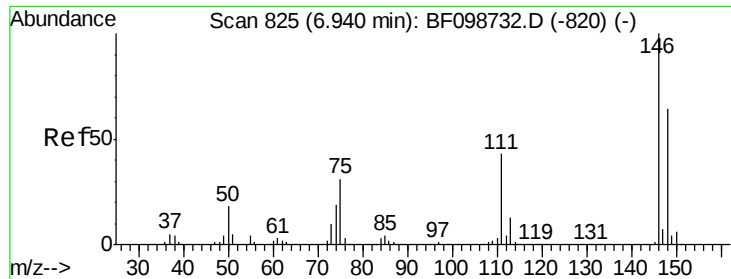
Tot Ion: 93 Resp: 456361
Ion Ratio Lower Upper
93 100
63 73.9 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.16 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion: 146 Resp: 506059
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 26.9 24.2 36.4

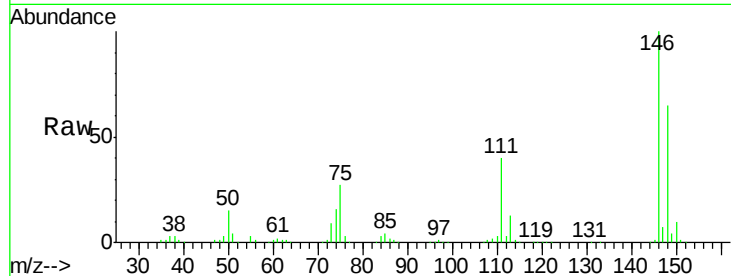




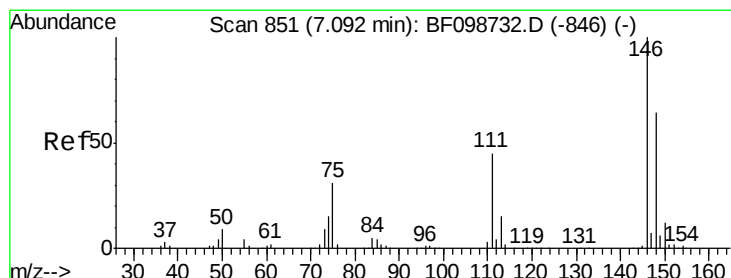
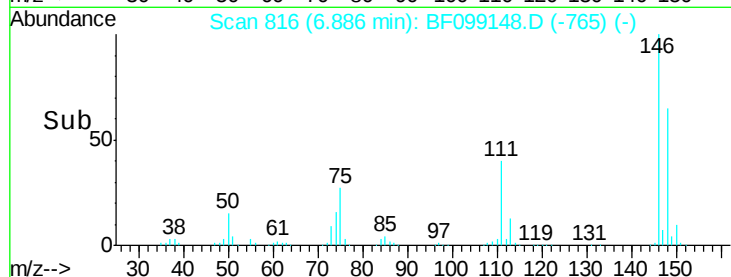
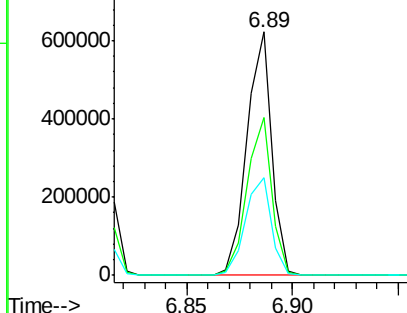
#13
 1,4-Dichlorobenzene
 Concen: 38.57 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 507112
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.3 34.2 51.2

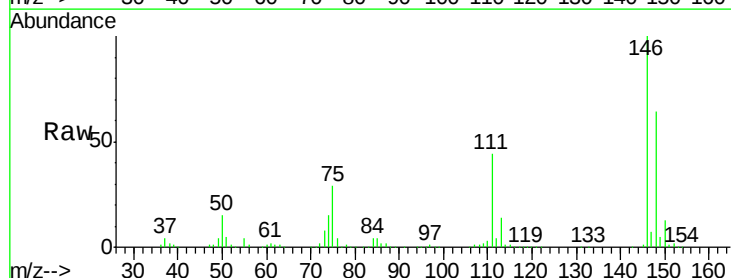


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

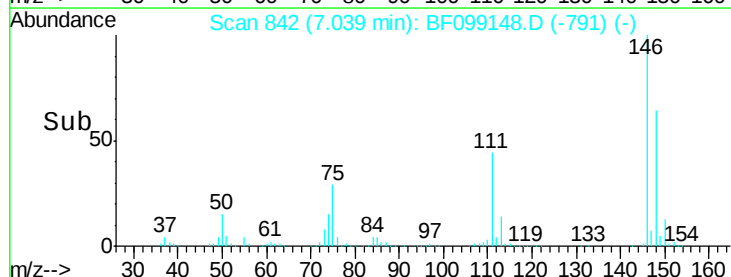
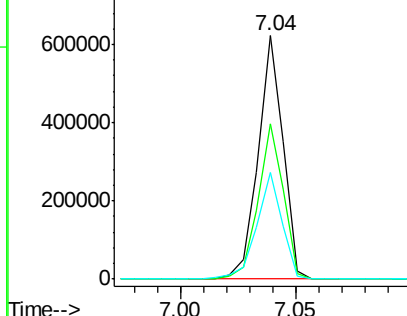


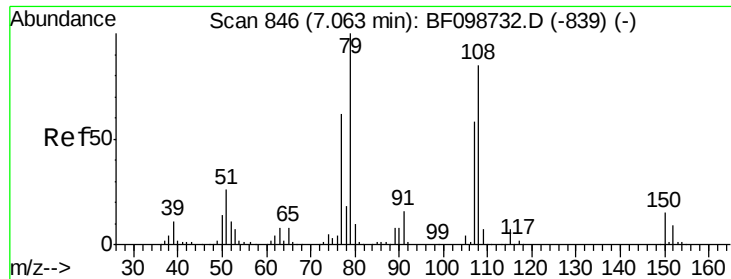
#14
 1,2-Dichlorobenzene
 Concen: 38.58 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:146 Resp: 468733
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 43.8 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 36.82 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampled :

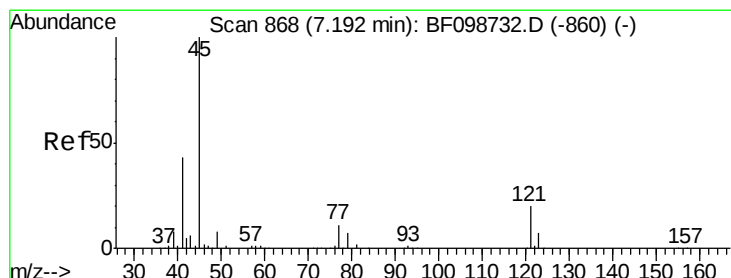
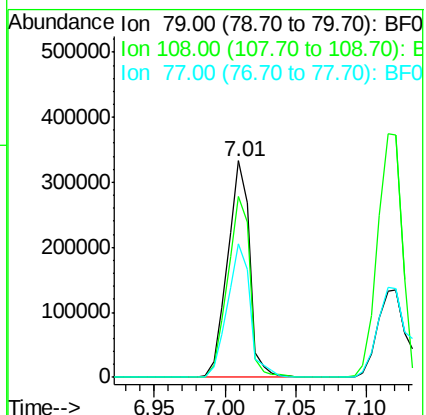
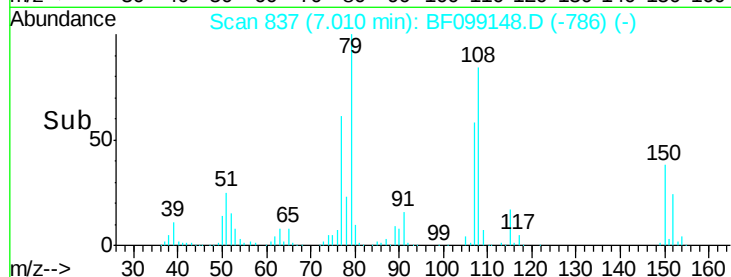
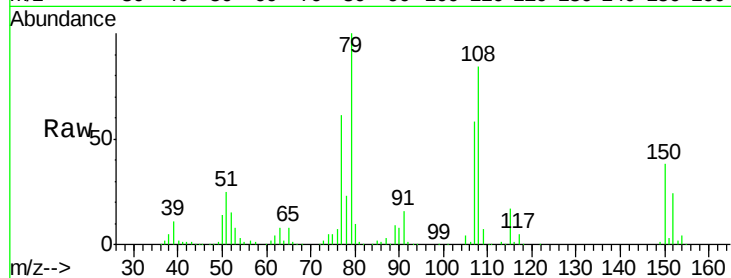
Tot Ion: 79 Resp: 363154

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.67 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

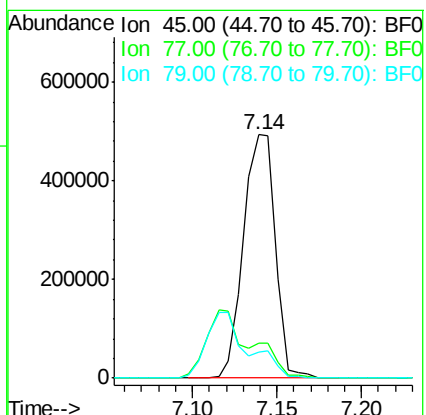
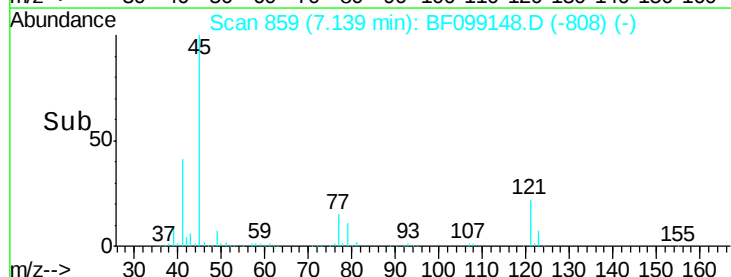
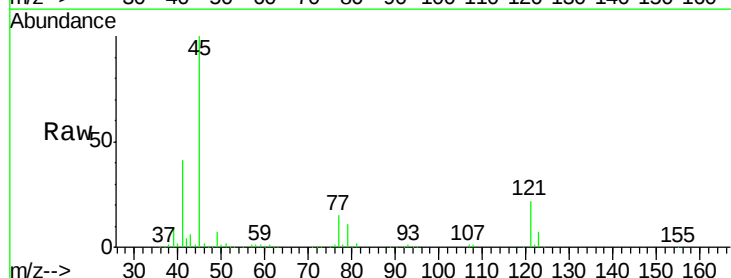
Tgt Ion: 45 Resp: 649463

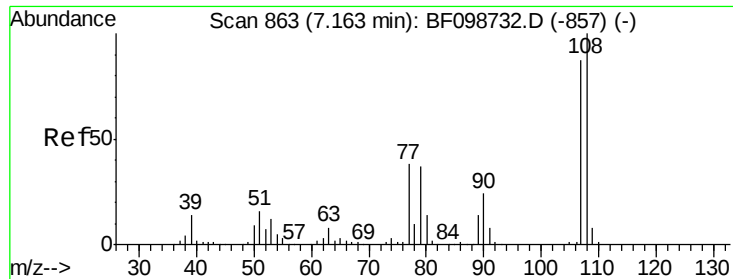
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 10.8 0.0 29.6

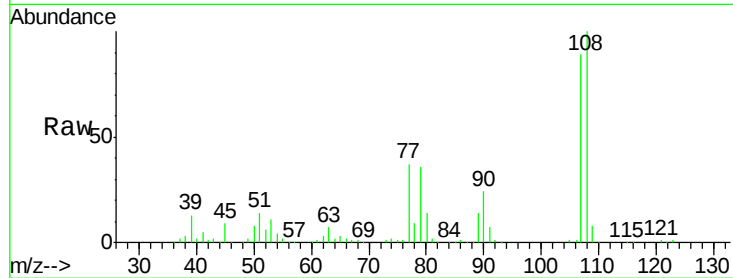




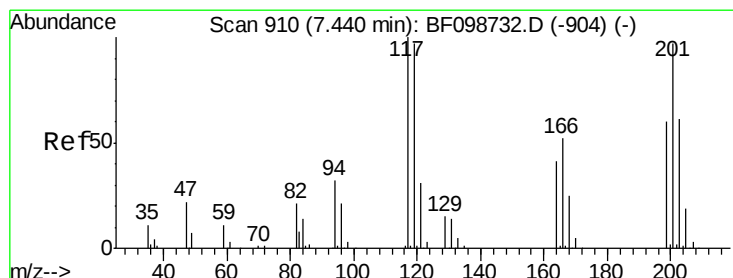
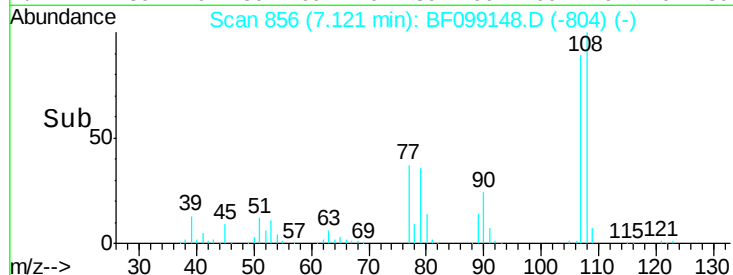
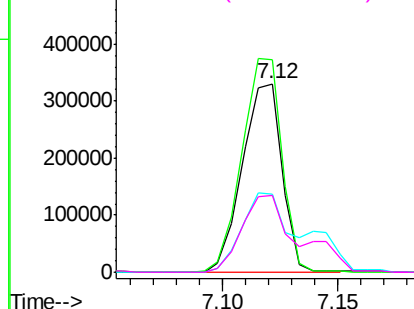
#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 398550
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 41.2 33.8 50.8
79 40.7 33.8 50.8

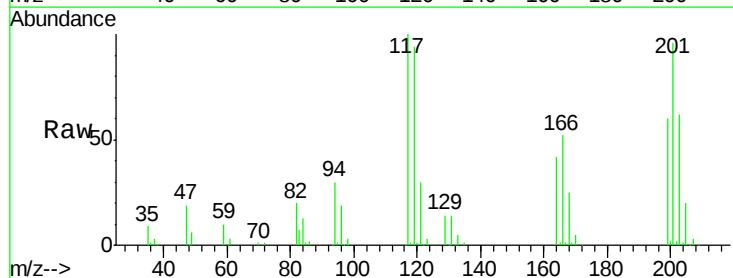


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

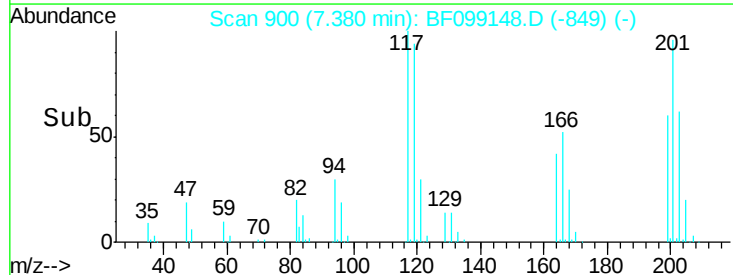
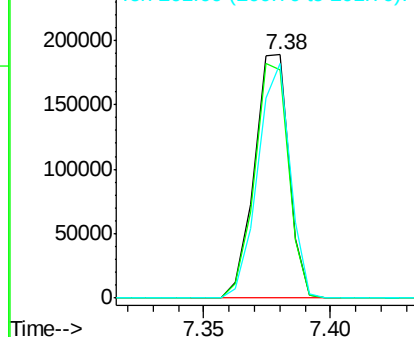


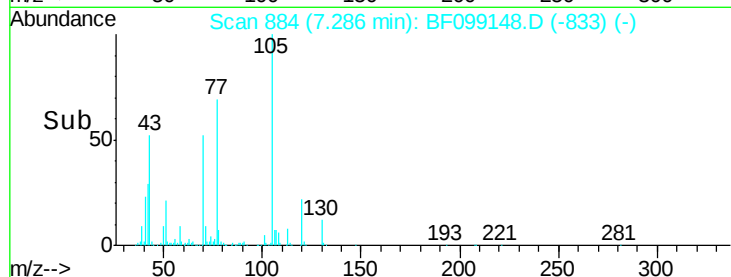
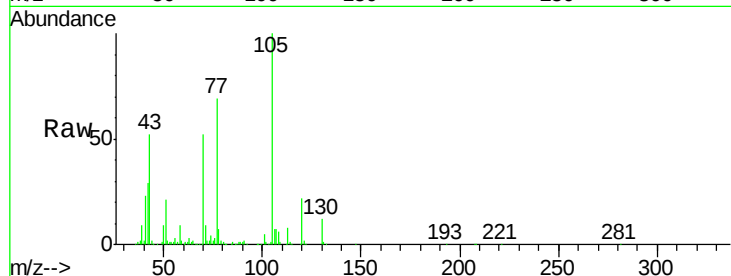
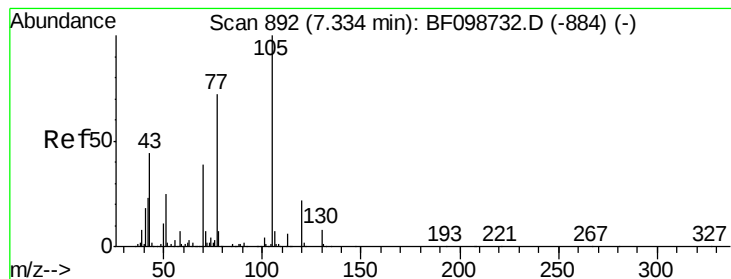
#18
Hexachloroethane
Concen: 38.09 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:117 Resp: 180019
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 96.3 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: 35.04 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 300718

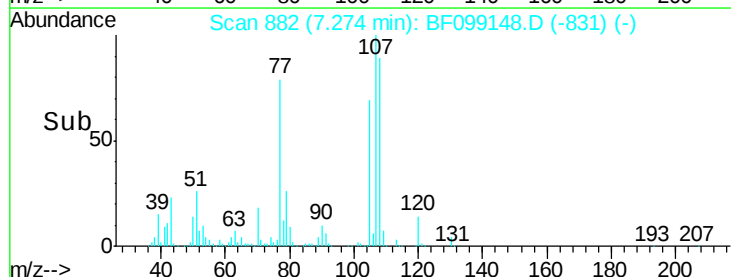
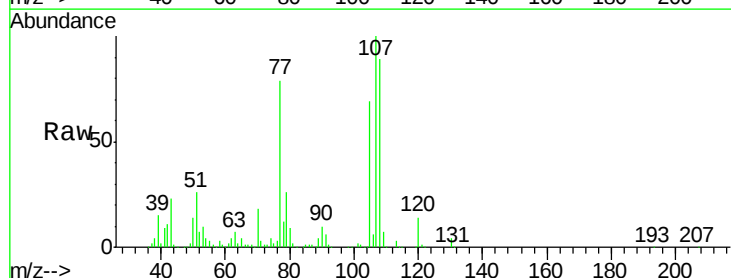
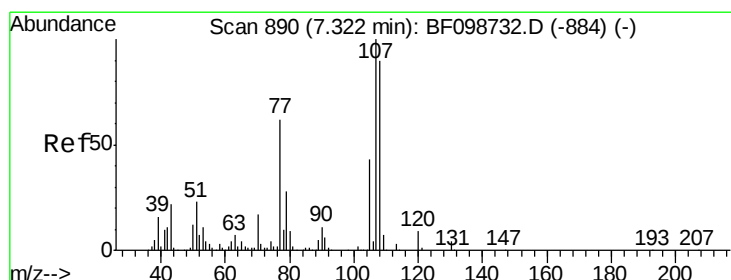
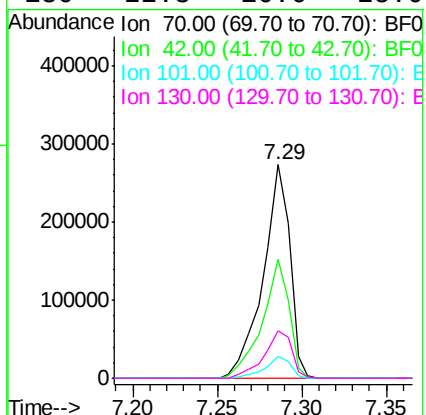
Ion Ratio Lower Upper

70 100

42 55.6 47.5 71.3

101 10.0 7.4 11.2

130 22.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.33 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Tgt Ion:107 Resp: 464086

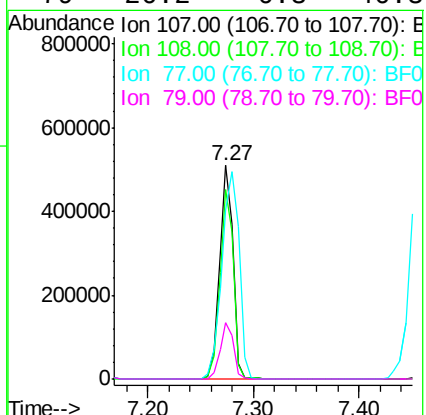
Ion Ratio Lower Upper

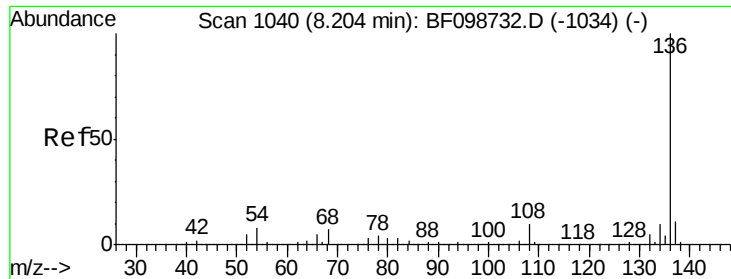
107 100

108 88.8 68.2 108.2

77 78.9 26.7 66.7#

79 26.2 6.3 46.3

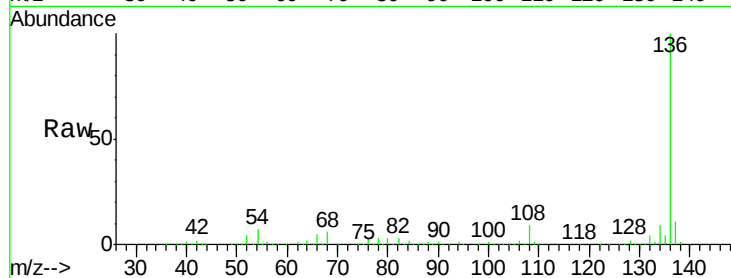




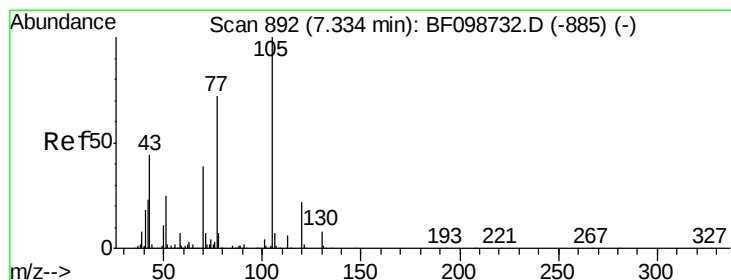
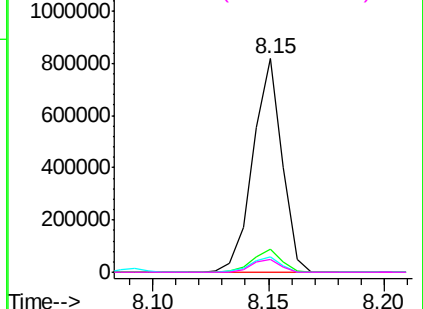
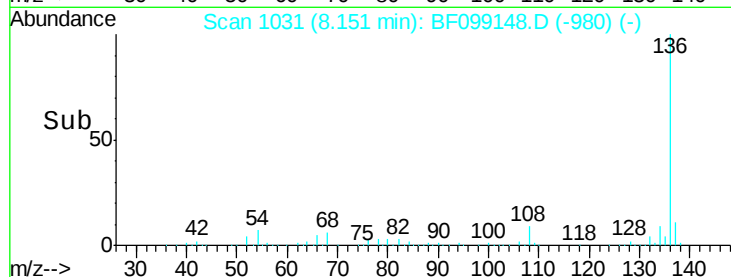
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	717389
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.4	6.6 9.8
68	6.1	5.0 7.4

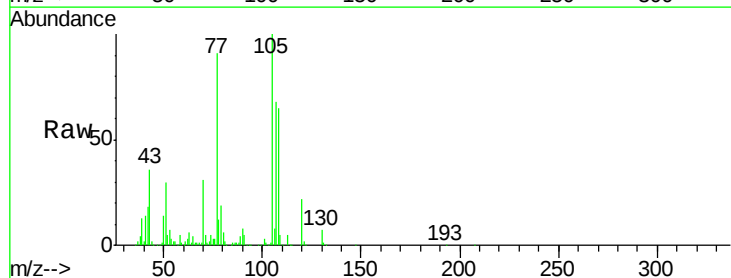


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

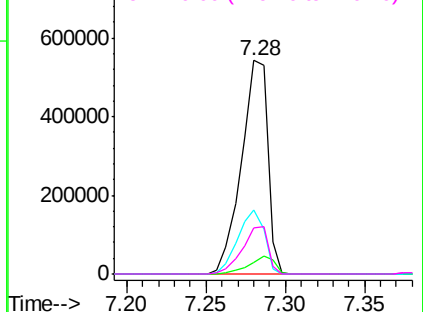
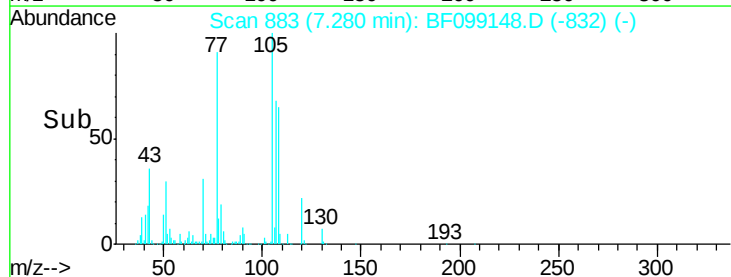


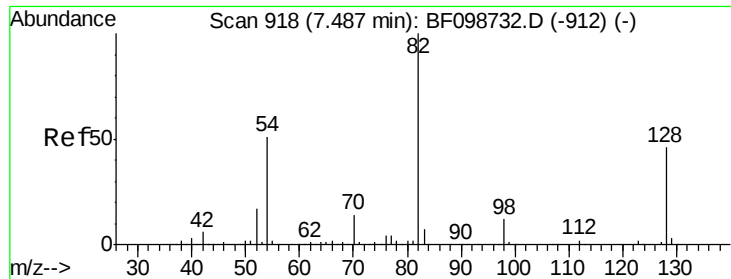
#22
Acetophenone
Concen: 35.84 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:105	Resp:	622987
Ion Ratio	Lower	Upper
105	100	
71	5.4	4.4 6.6
51	30.3	22.3 33.5
120	21.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

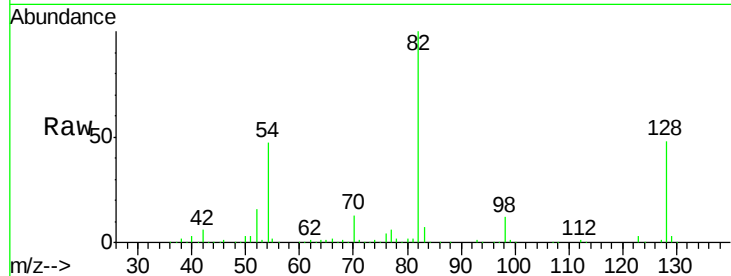




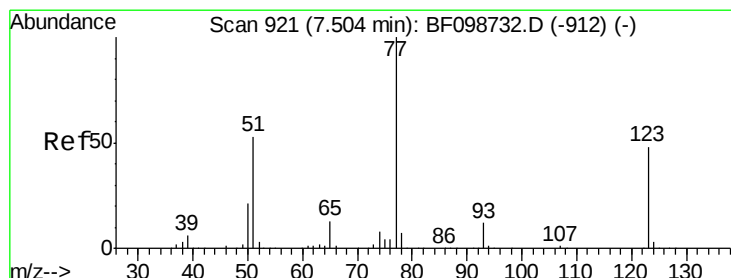
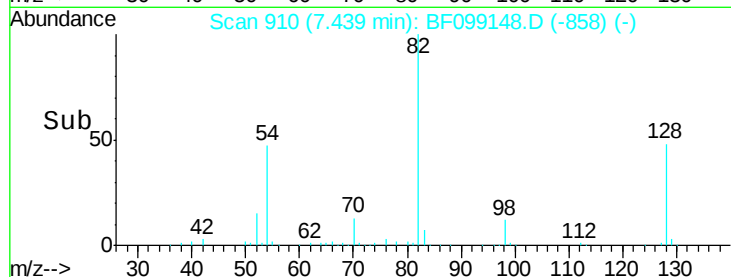
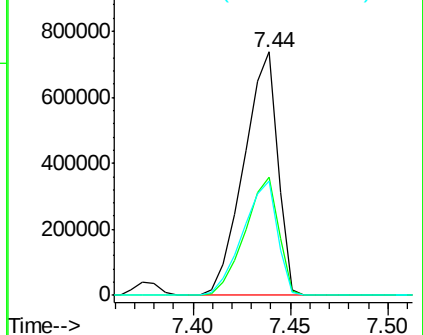
#23
Nitrobenzene-d5
Concen: 79.32 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 887254
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 46.7 41.4 62.2

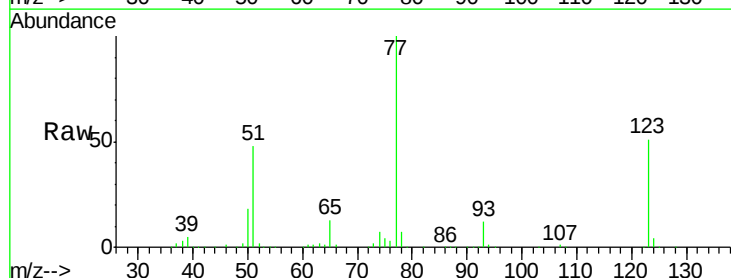


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

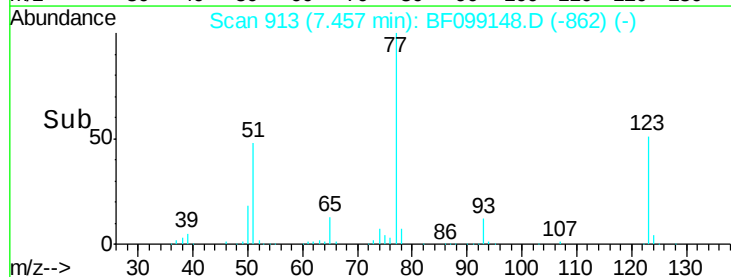
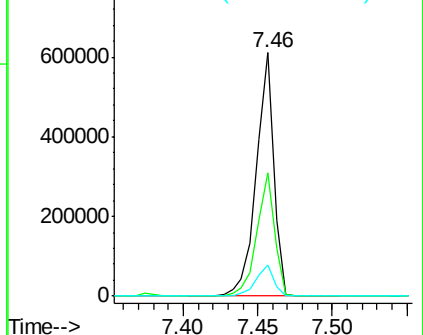


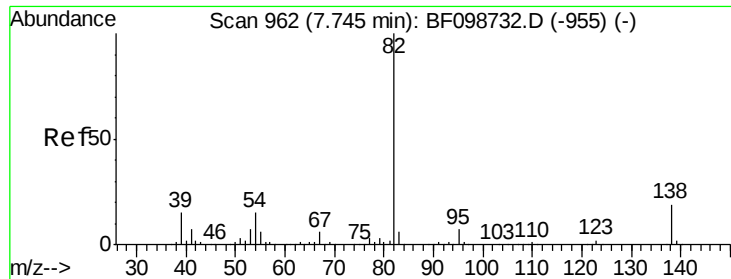
#24
Nitrobenzene
Concen: 39.00 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion: 77 Resp: 494894
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 12.9 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

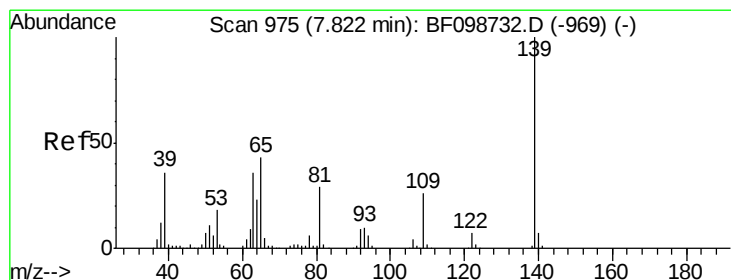
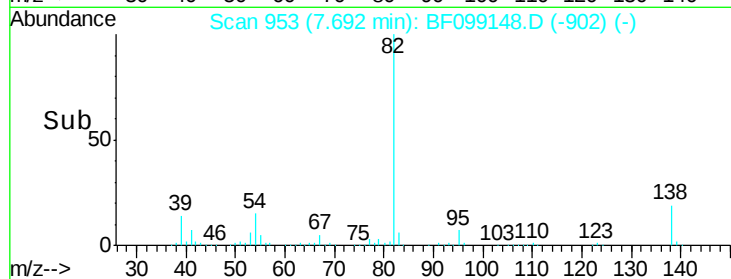
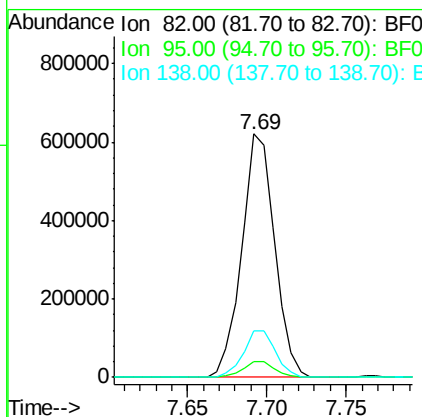
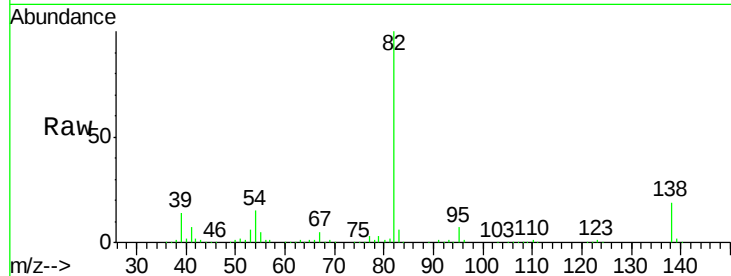




#25
Isophorone
Concen: 38.55 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

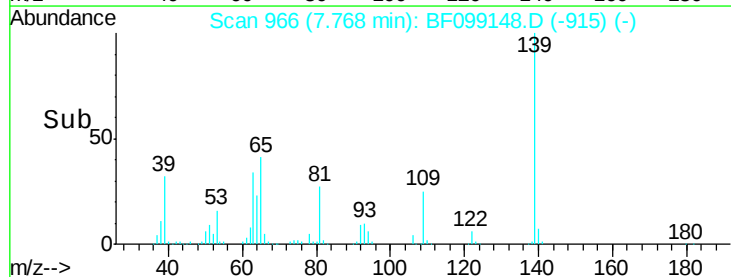
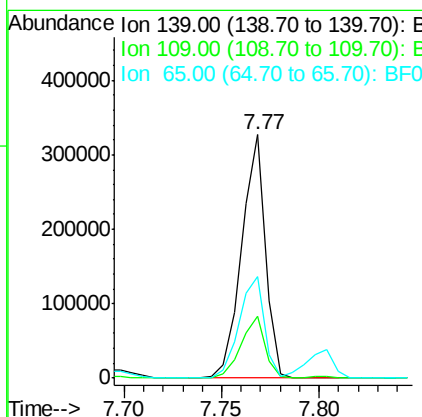
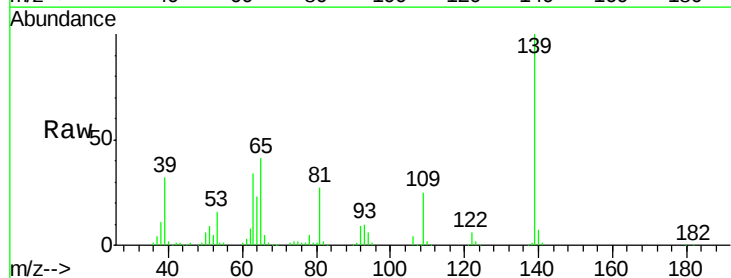
Instrument :
BNA_F
ClientSampleId :

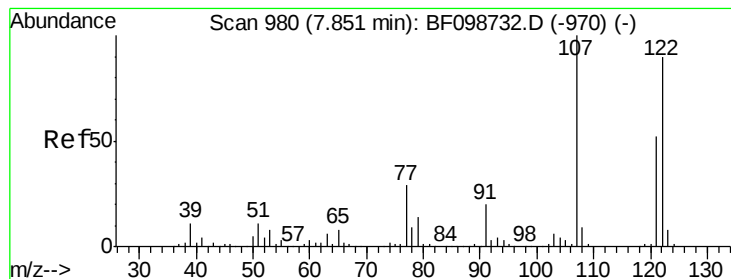
Tot Ion: 82 Resp: 891699
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 45.19 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion: 139 Resp: 275756
Ion Ratio Lower Upper
139 100
109 25.2 22.7 34.1
65 41.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.79 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

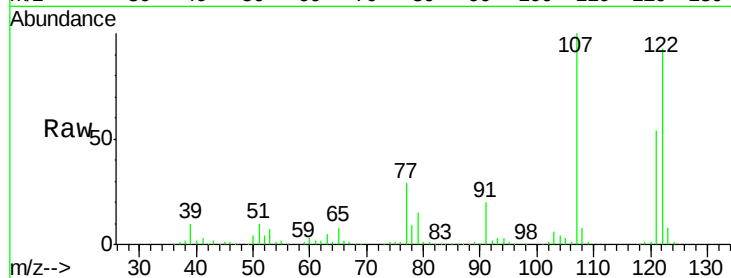
Tot Ion:122 Resp: 447024

Ion Ratio Lower Upper

122 100

107 107.2 91.2 136.8

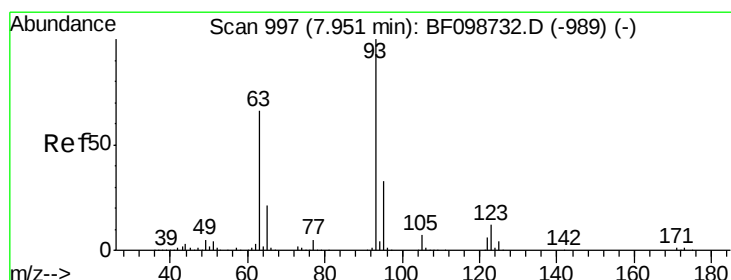
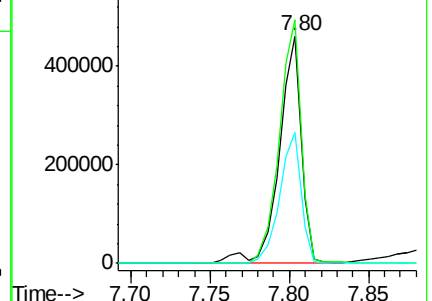
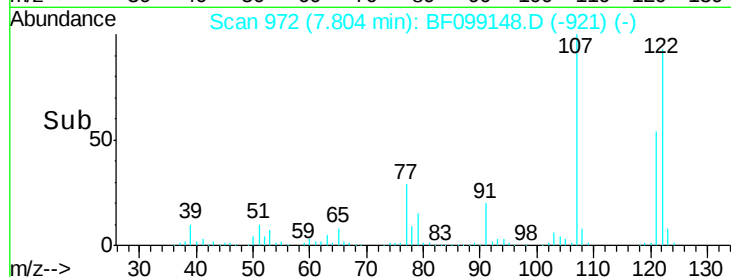
121 57.4 47.2 70.8



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: 38.35 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

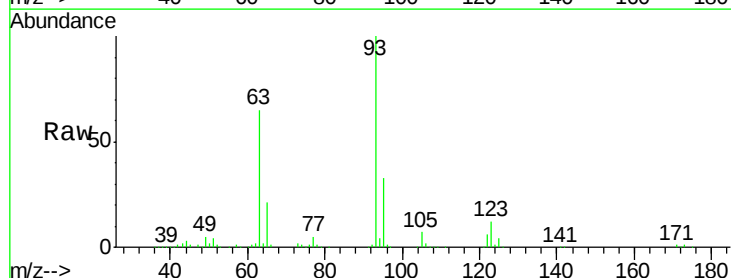
Tgt Ion: 93 Resp: 552799

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

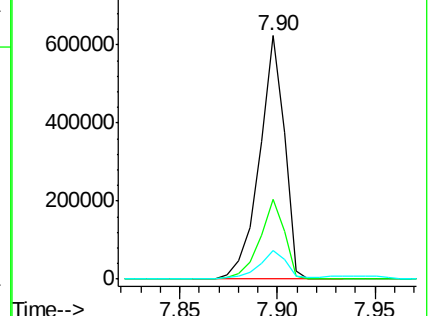
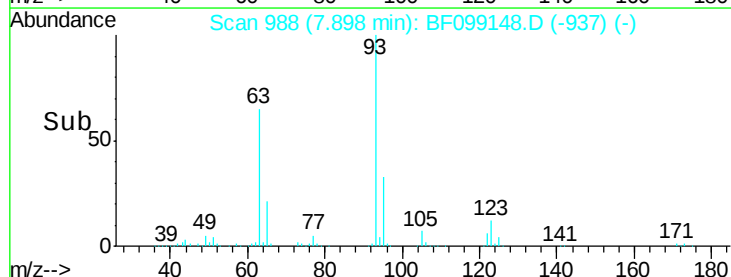
123 11.9 9.8 14.6

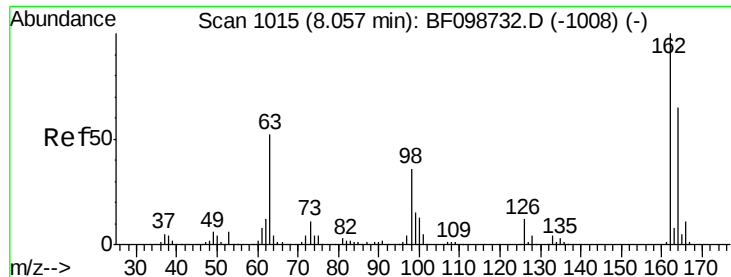


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

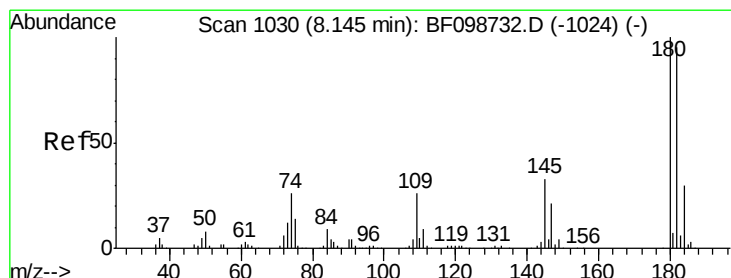
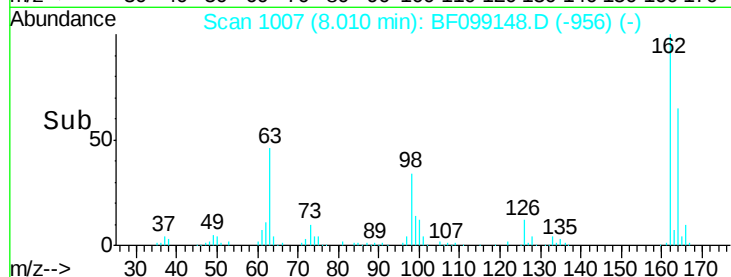
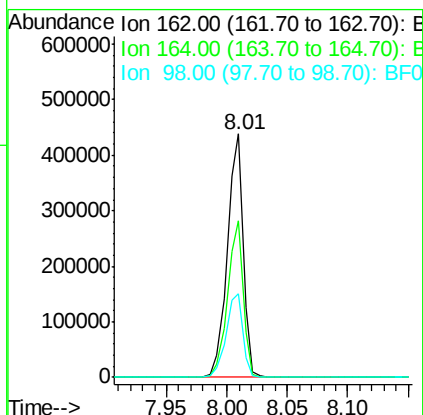
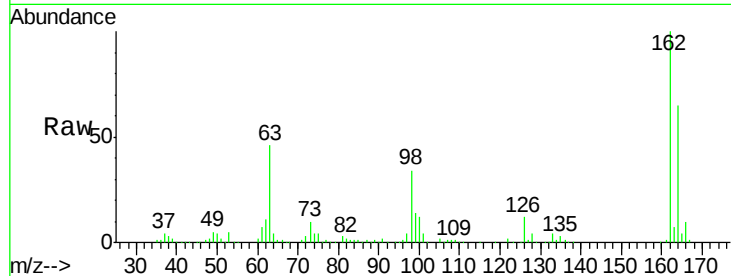




#29
 2,4-Dichlorophenol
 Concen: 40.40 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

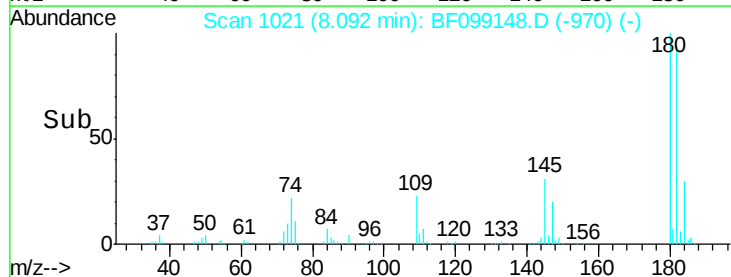
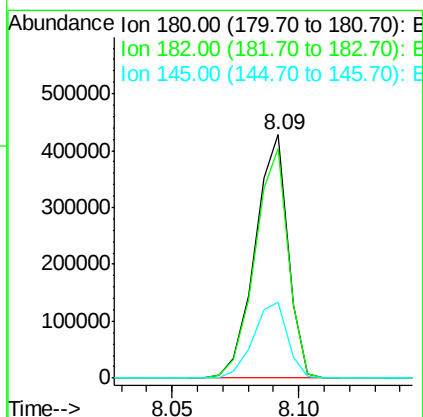
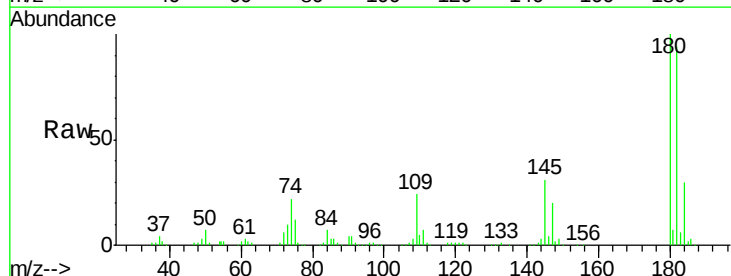
Instrument :
 BNA_F
 ClientSampled :

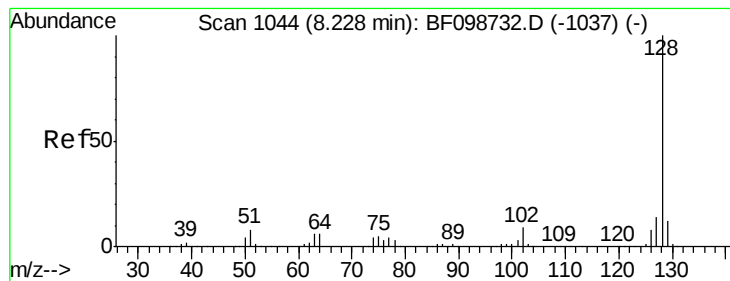
Tot Ion:162 Resp: 399703
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.7 82.7
 98 34.3 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.15 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:180 Resp: 387426
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.8 115.2
 145 31.4 26.5 39.7





#31

Naphthalene

Concen: 38.41 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

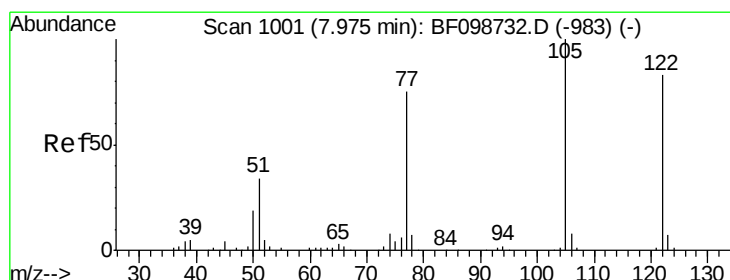
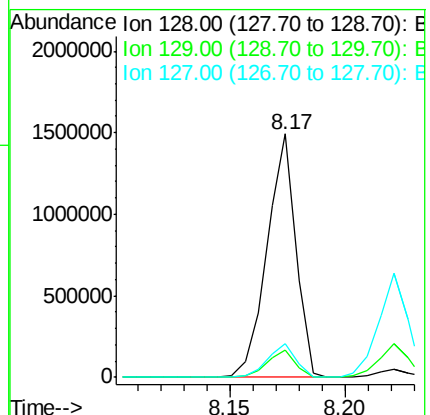
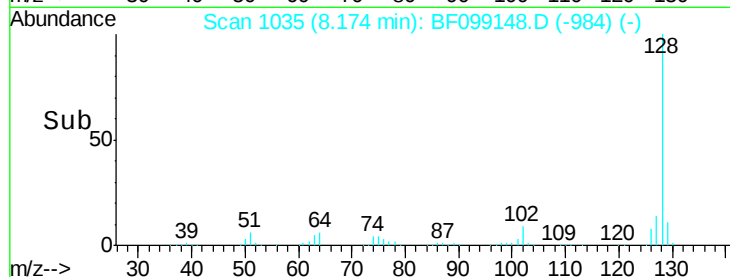
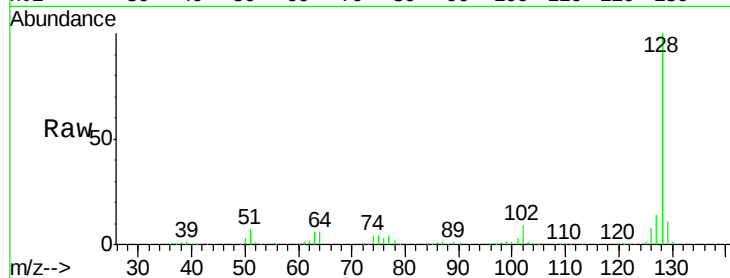
Tot Ion:128 Resp: 1294300

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 36.85 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

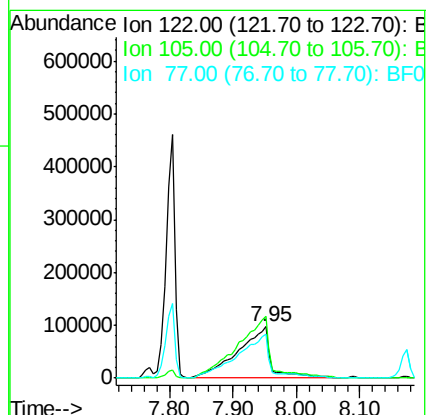
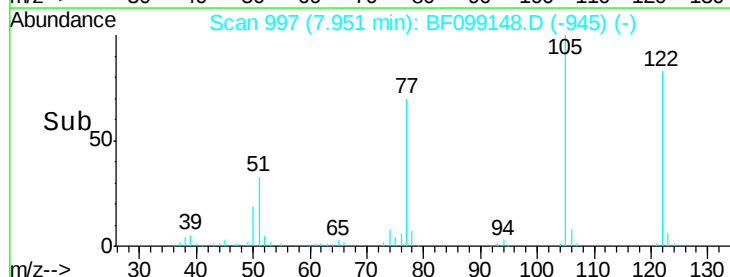
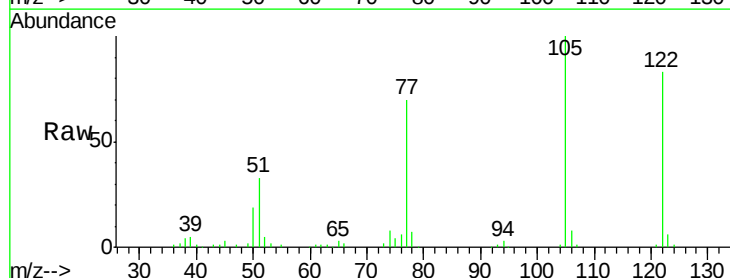
Tgt Ion:122 Resp: 348814

Ion Ratio Lower Upper

122 100

105 121.2 101.1 141.1

77 84.7 70.7 110.7

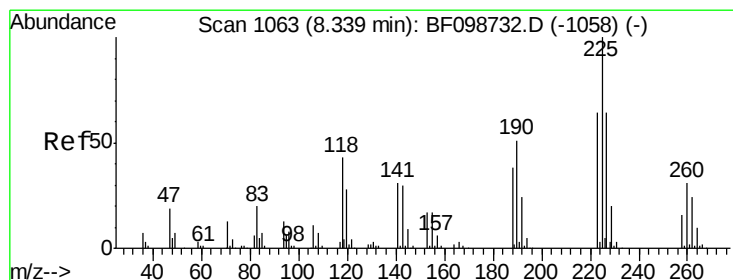
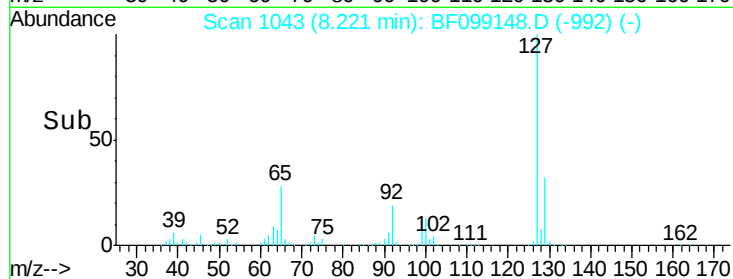
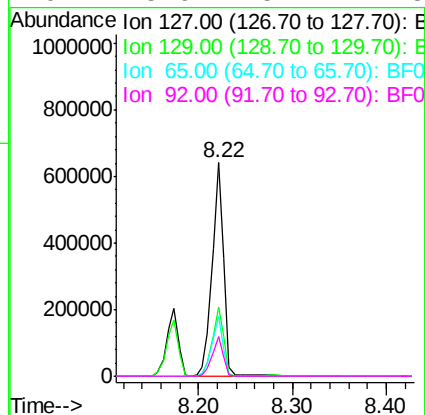
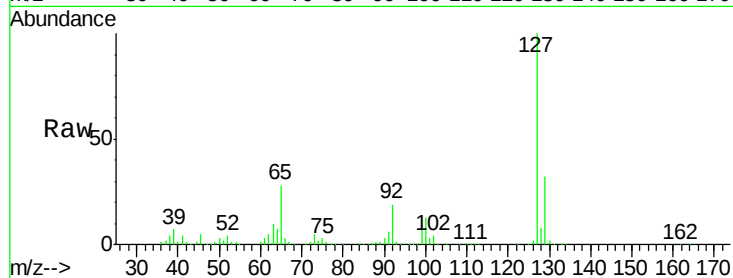




#33
4-Chloroaniline
Concen: 39.99 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

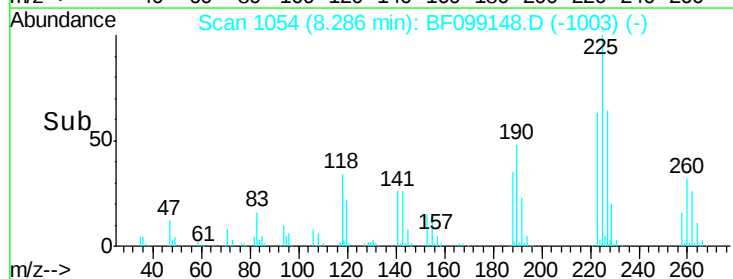
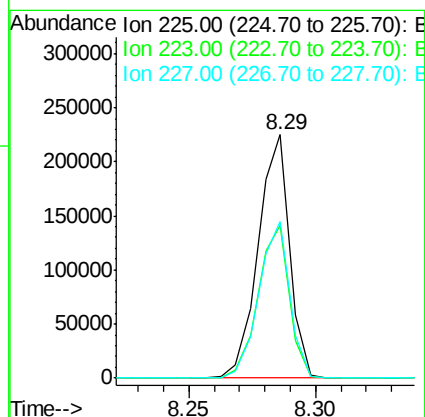
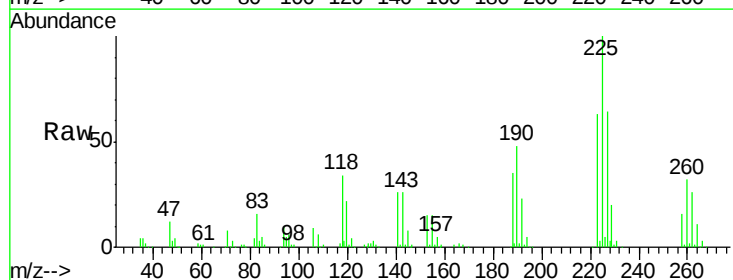
Instrument :
BNA_F
ClientSampled :

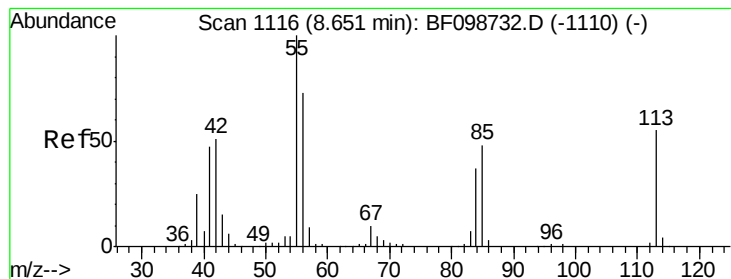
Tot Ion:	127	Resp:	562672
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.5	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:	225	Resp:	193419
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 41.52 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

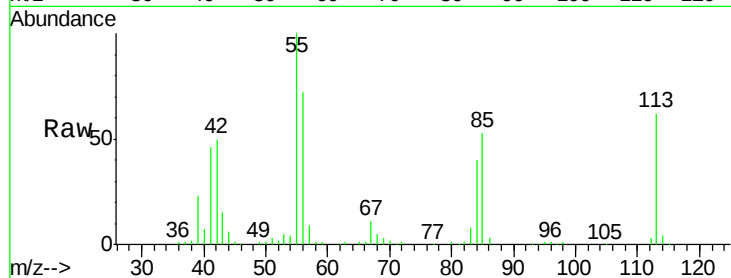
Tot Ion:113 Resp: 131761

Ion Ratio Lower Upper

113 100

55 162.1 163.3 203.3#

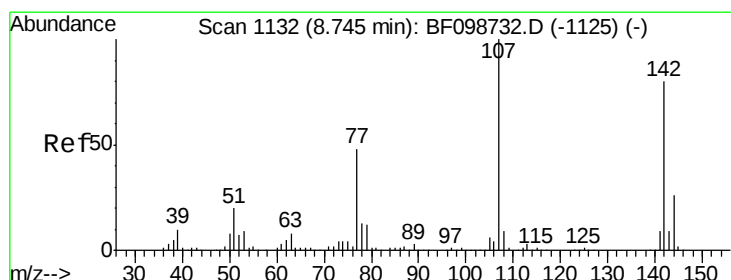
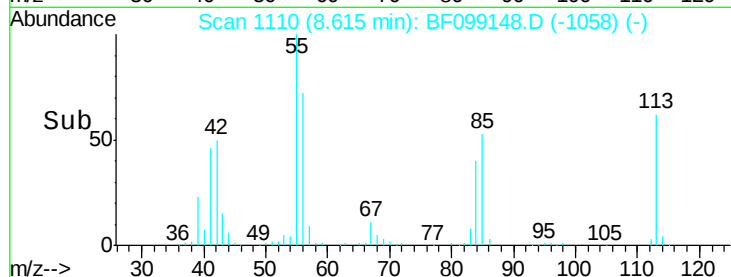
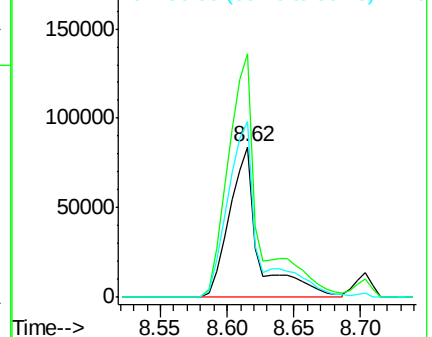
56 116.7 115.7 155.7



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: 38.78 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

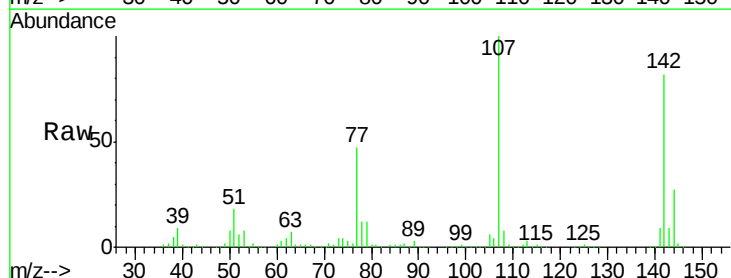
Tgt Ion:107 Resp: 431283

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

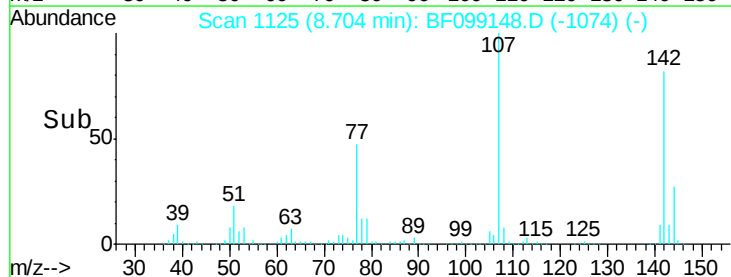
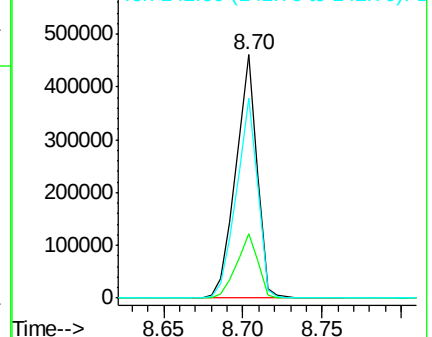
142 82.2 62.0 93.0

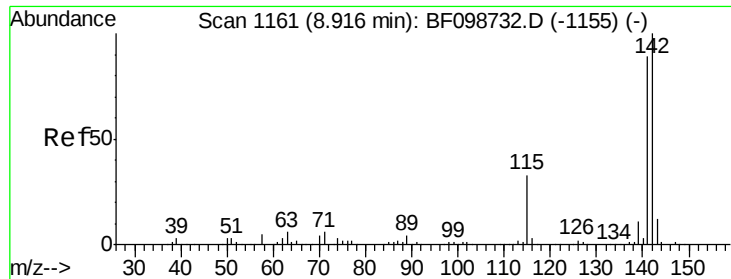


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

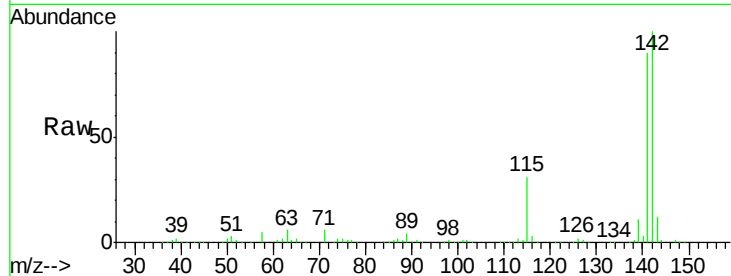




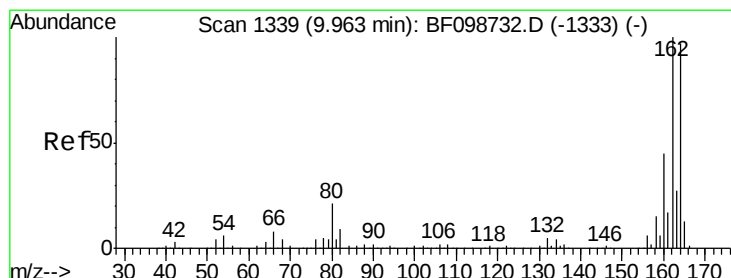
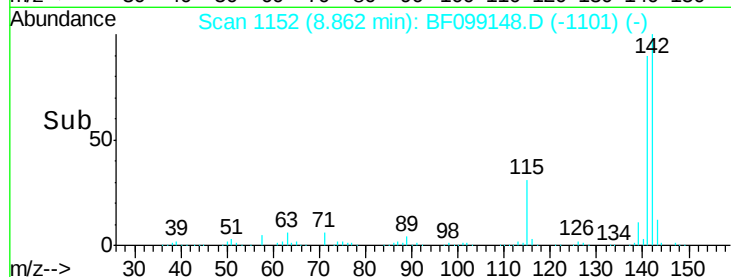
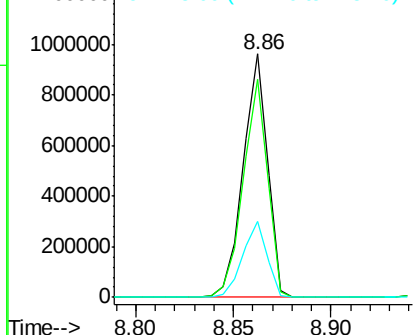
#37
2-Methylnaphthalene
Concen: 38.20 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 836630
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 31.3 26.1 39.1

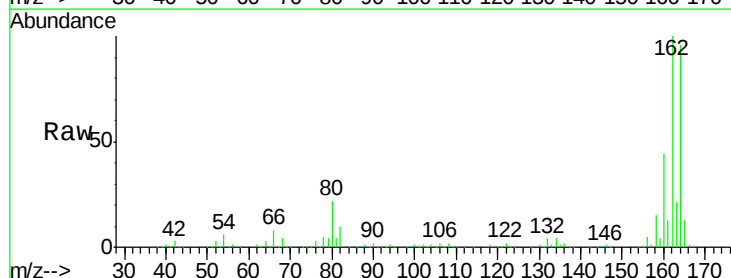


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

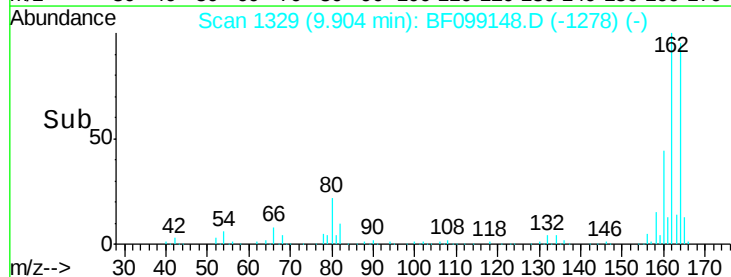
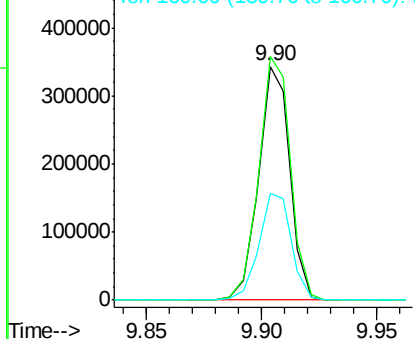


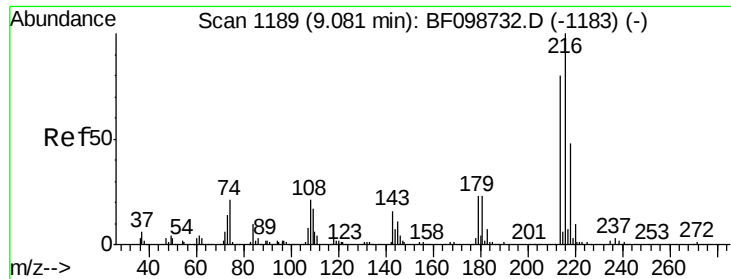
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:164 Resp: 321999
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.9 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

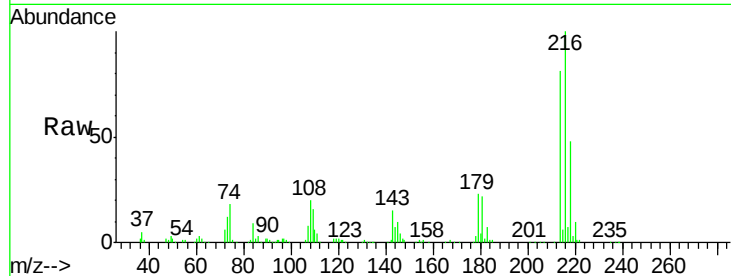




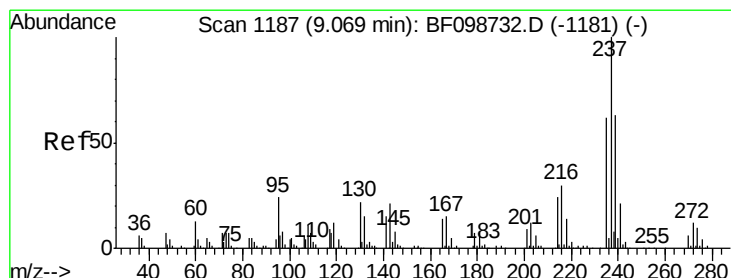
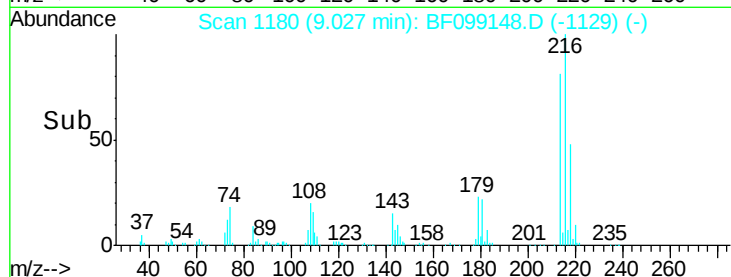
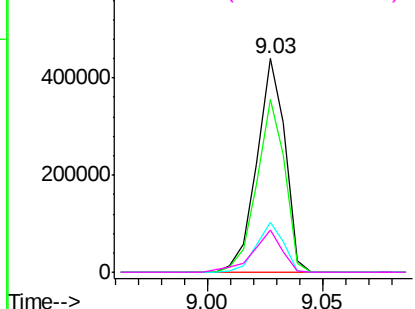
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.14 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	375839
Ion Ratio	Lower	Upper
216	100	
214	80.3	63.0 94.4
179	22.7	18.1 27.1
108	20.2	17.2 25.8

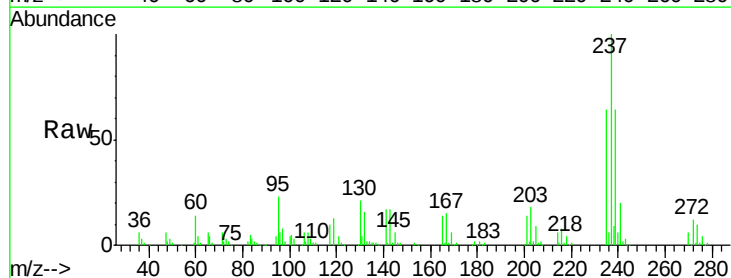


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

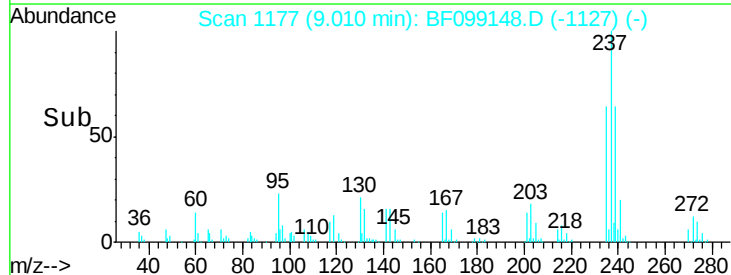
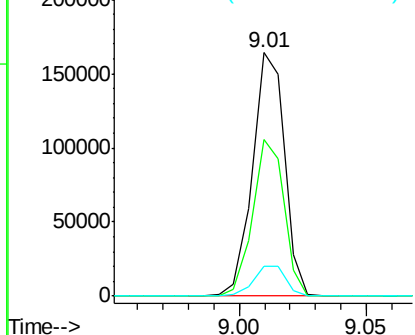


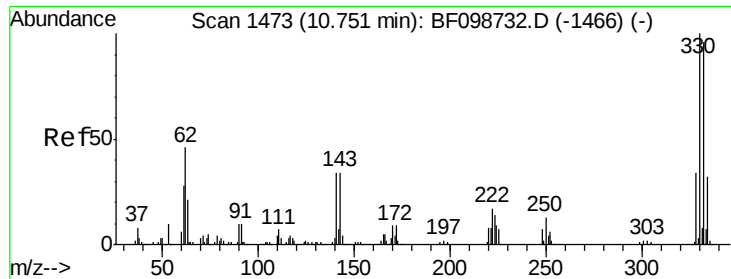
#40
 Hexachlorocyclopentadiene
 Concen: 33.01 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:237	Resp:	144866
Ion Ratio	Lower	Upper
237	100	
235	64.3	44.8 84.8
272	12.0	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

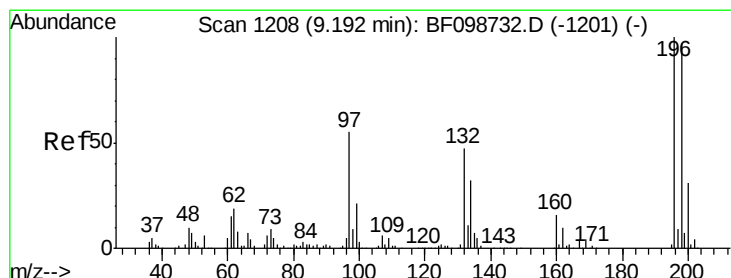
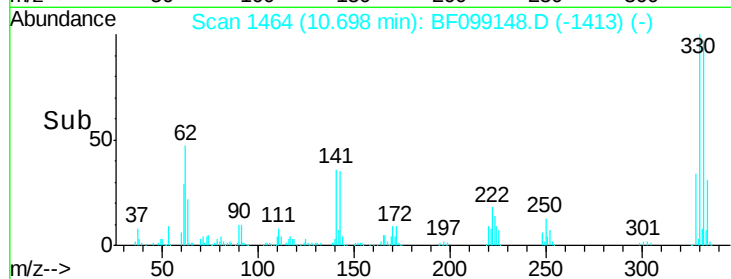
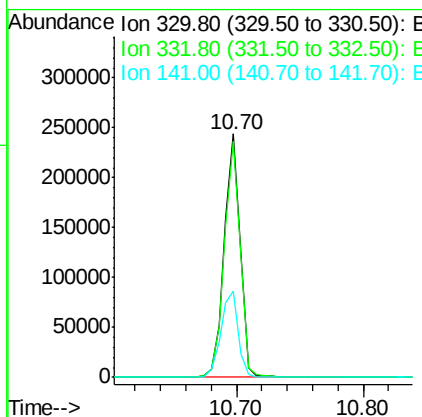
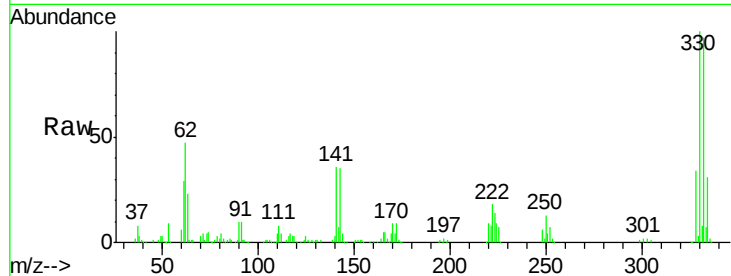




#41
 2,4,6-Tribromophenol
 Concen: 81.50 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

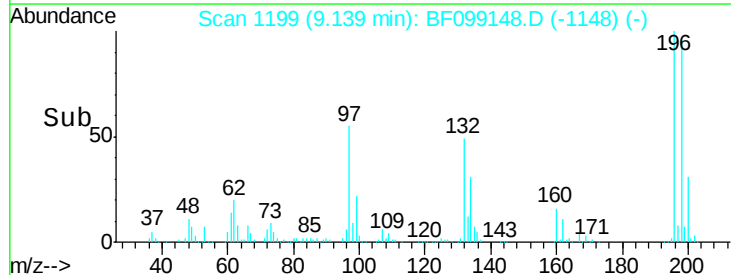
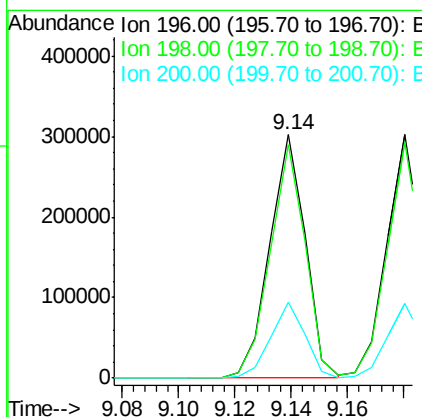
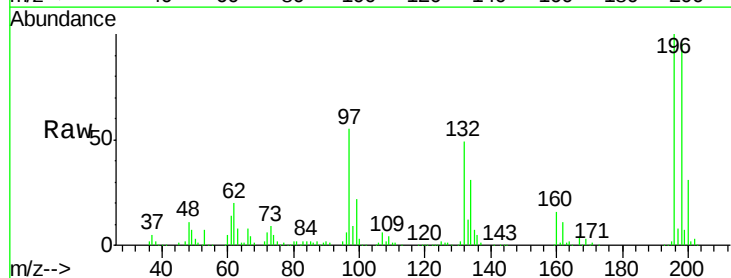
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214743
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.92 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:196 Resp: 264777
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 31.0 24.5 36.7

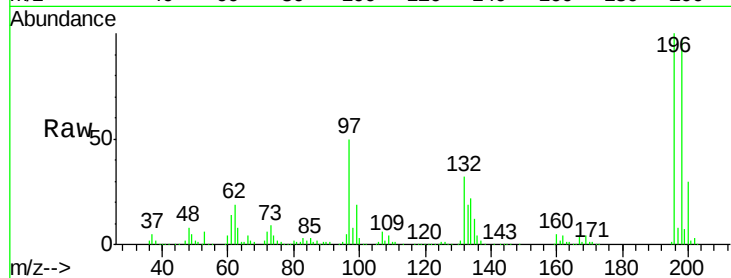




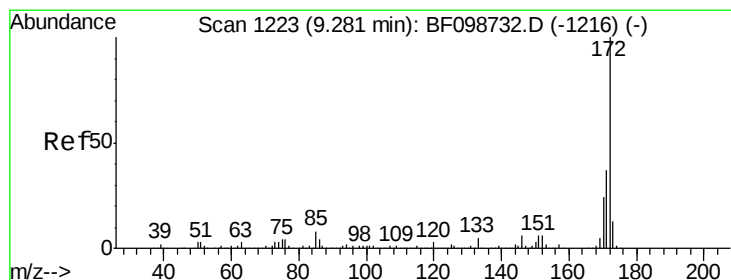
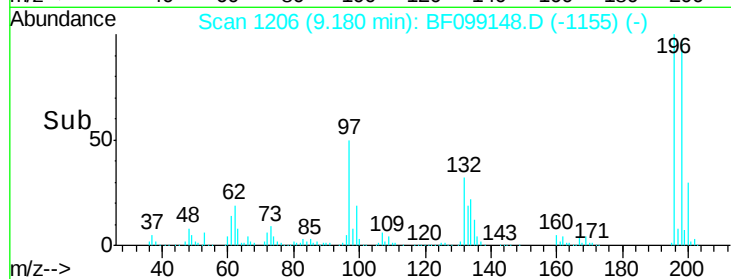
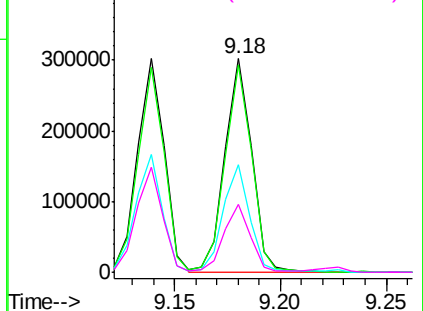
#43
 2,4,5-Trichlorophenol
 Concen: 38.88 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 264028
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.6 112.0
 97 50.1 42.9 64.3
 132 32.0 26.3 39.5

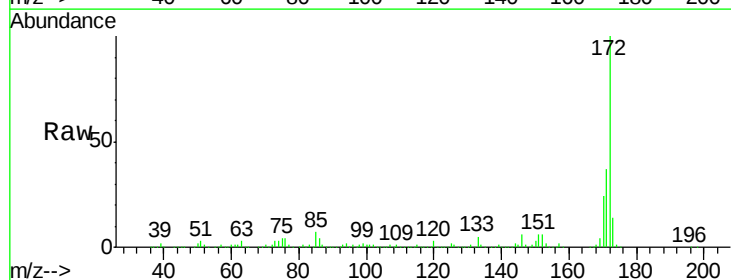


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

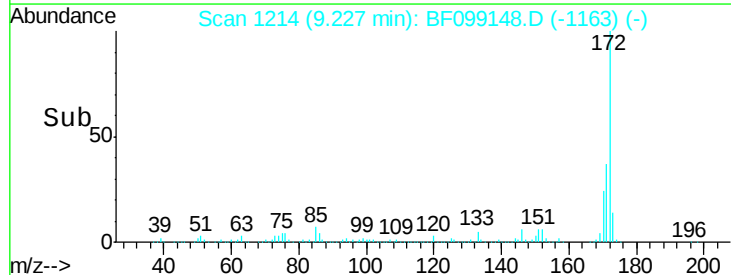
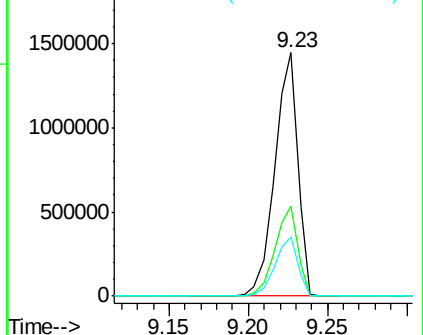


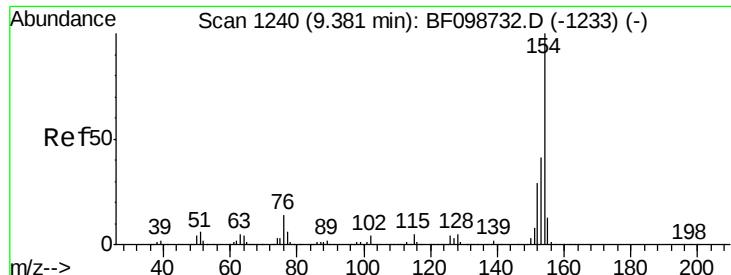
#44
 2-Fluorobiphenyl
 Concen: 75.29 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:172 Resp: 1452216
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.4 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

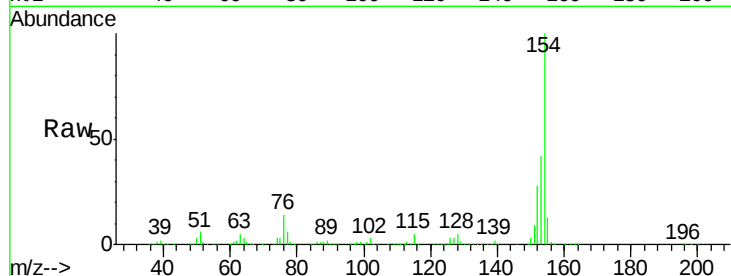




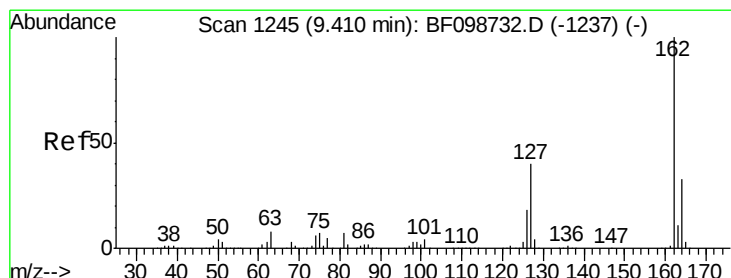
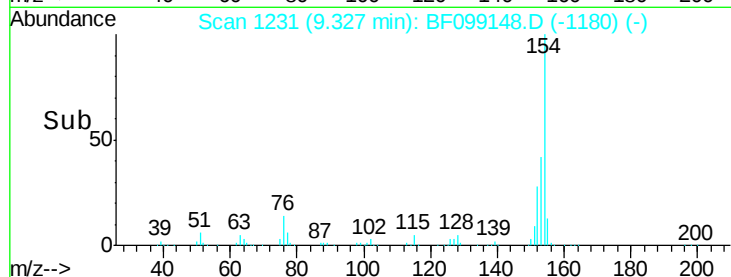
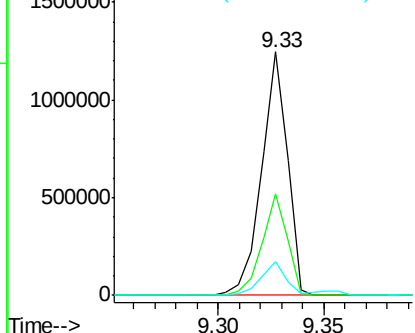
#45
 1,1'-Biphenyl
 Concen: 38.20 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1057261
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.9 0.0 34.0

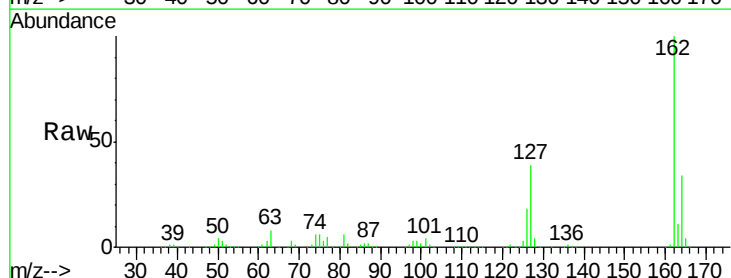


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

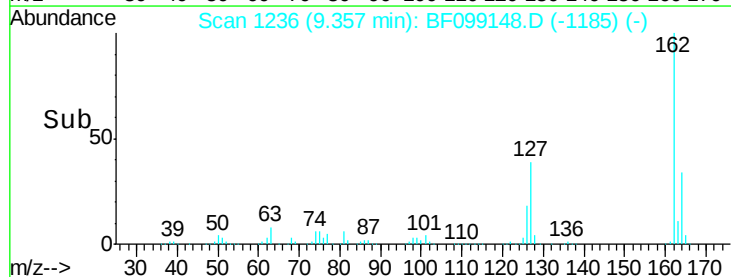
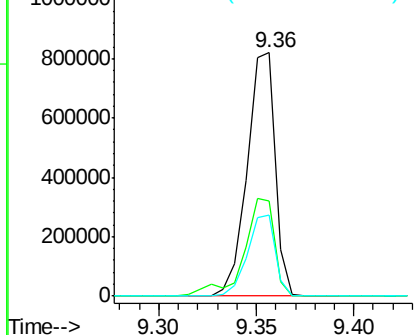


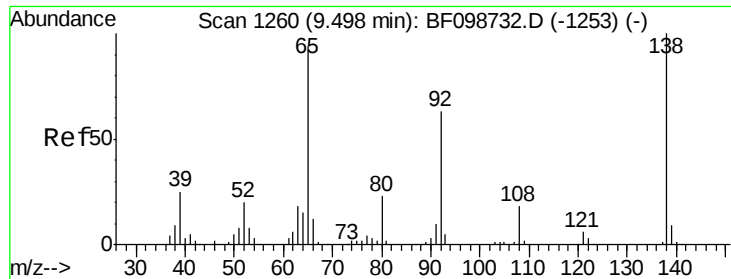
#46
 2-Chloronaphthalene
 Concen: 39.15 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:162 Resp: 813363
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 33.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

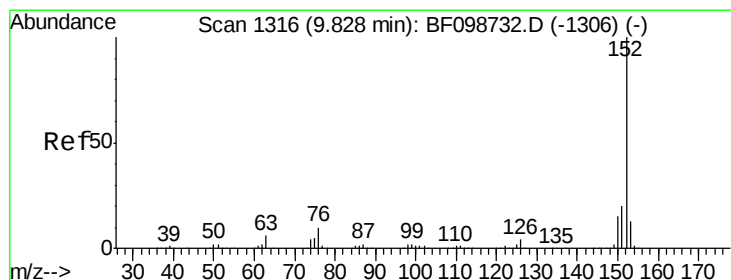
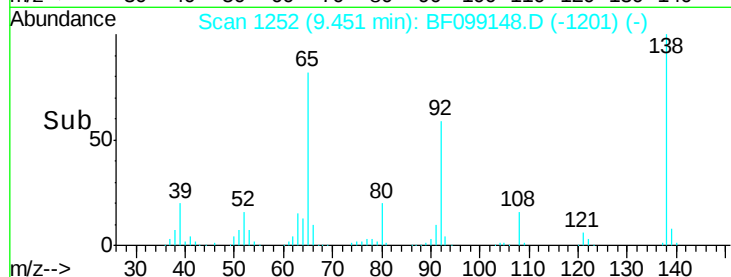
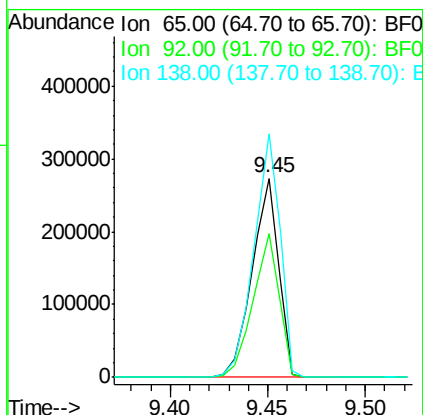
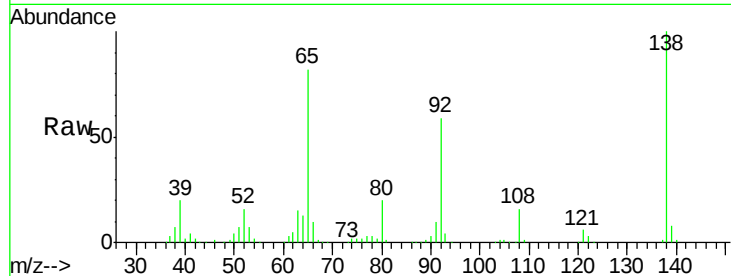




#47
2-Nitroaniline
Concen: 40.47 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

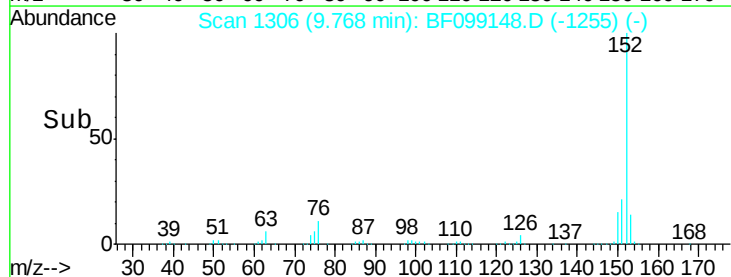
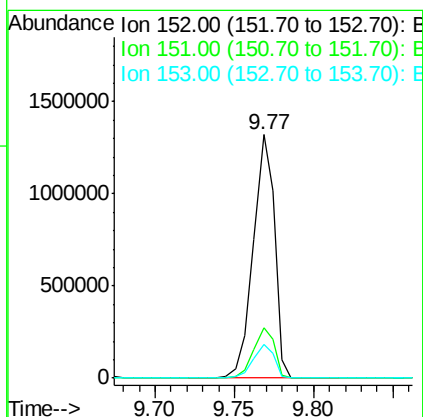
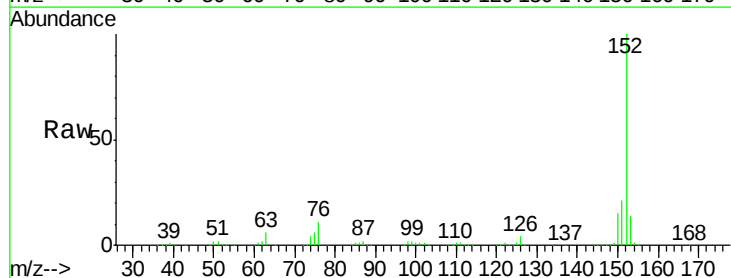
Instrument :
BNA_F
ClientSampleId :

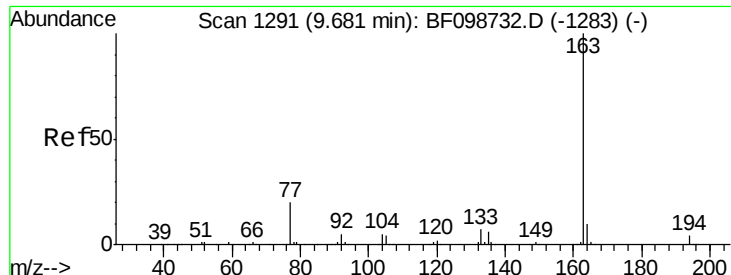
Tot Ion: 65 Resp: 257468
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 122.4 91.2 136.8



#48
Acenaphthylene
Concen: 38.73 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:152 Resp: 1231989
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.6 10.7 16.1

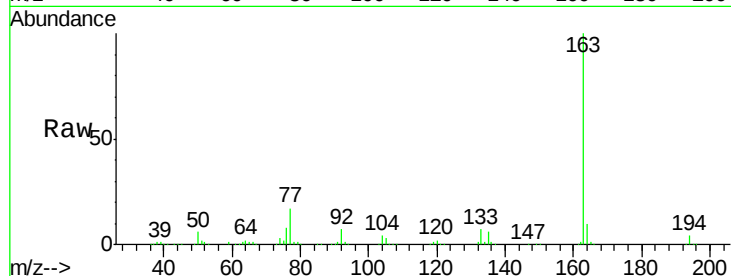




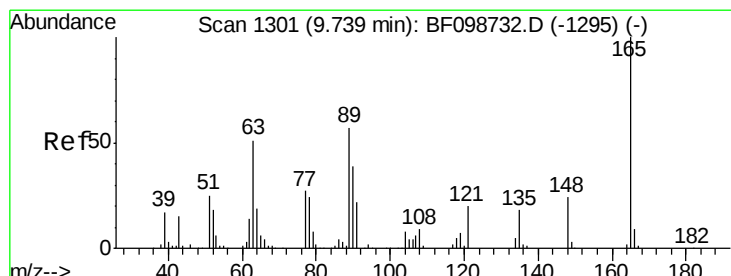
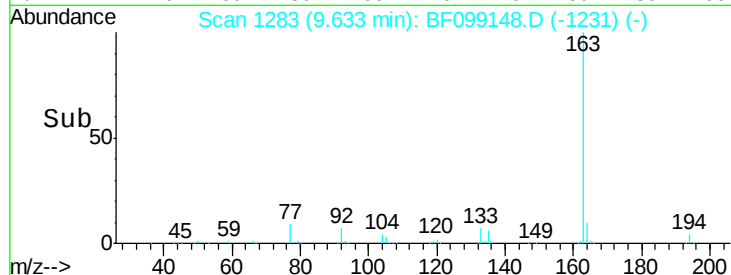
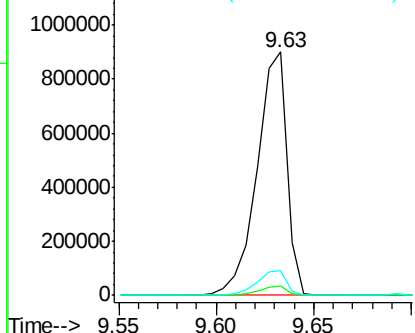
#49
Dimethylphthalate
Concen: 39.34 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 955953
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

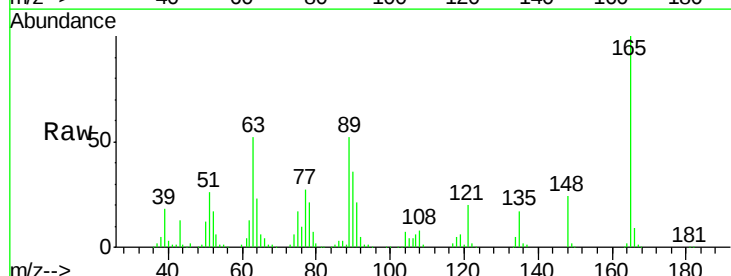


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

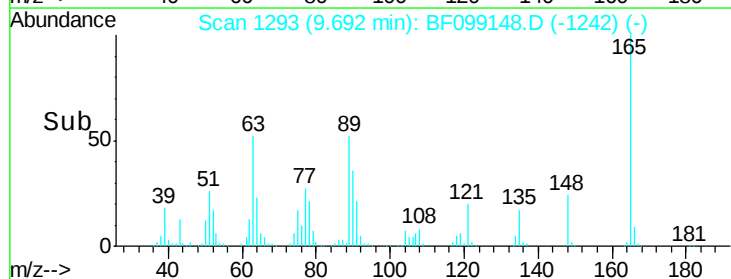
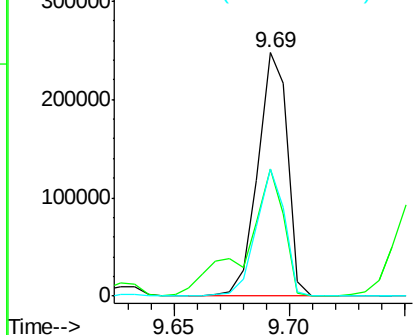


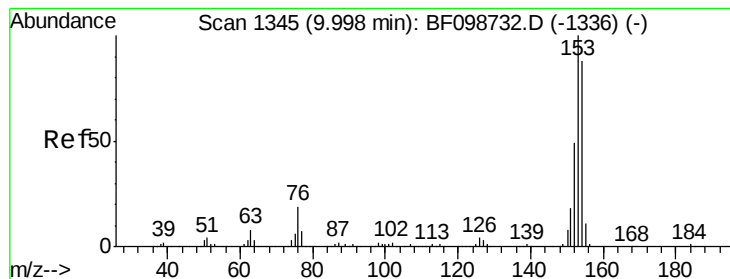
#50
2,6-Dinitrotoluene
Concen: 42.06 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:165 Resp: 222531
Ion Ratio Lower Upper
165 100
63 52.4 44.7 67.1
89 52.1 44.0 66.0



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





#51

Acenaphthene

Concen: 36.68 ng

RT: 9.94 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

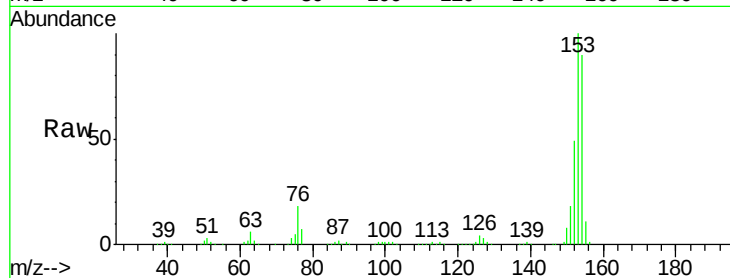
Tot Ion:154 Resp: 738966

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

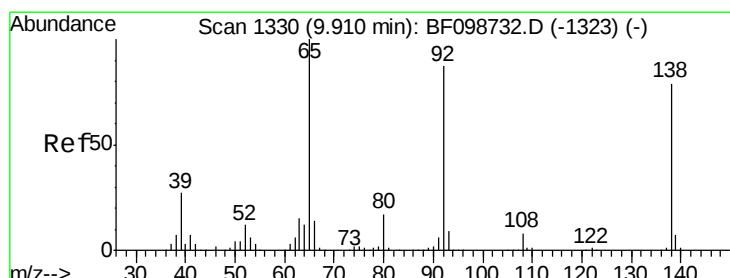
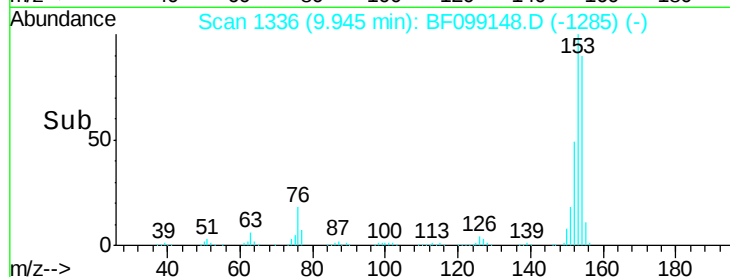
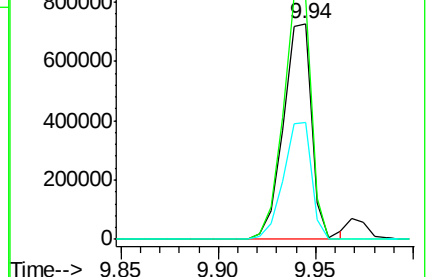
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.25 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

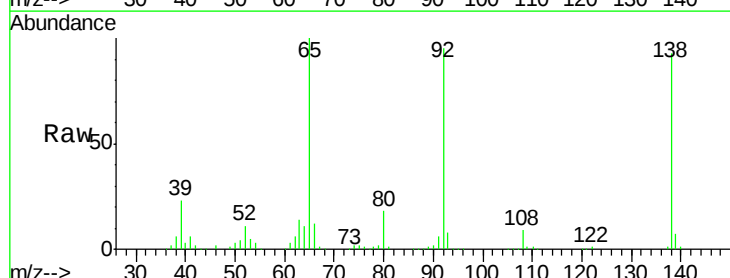
Tgt Ion:138 Resp: 266839

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

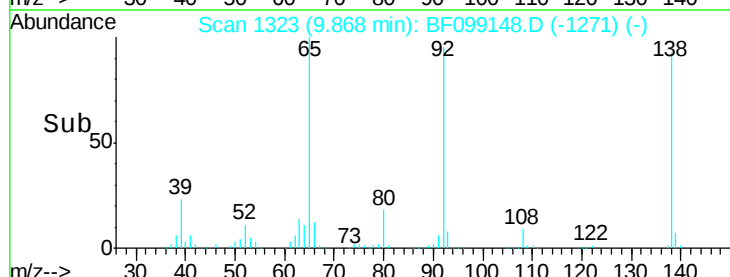
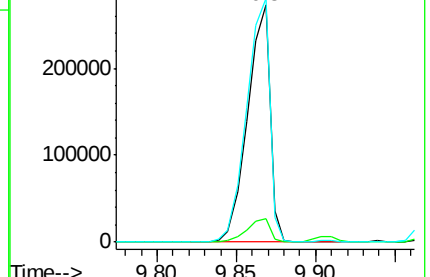
92 102.8 89.4 134.2

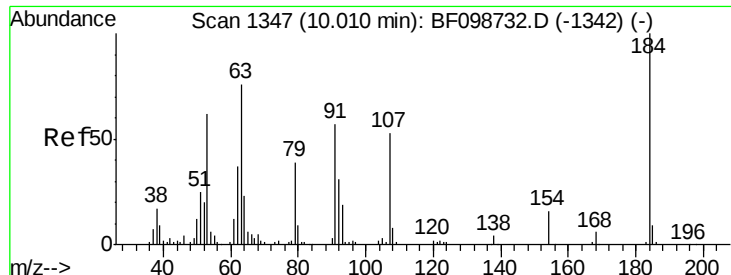


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

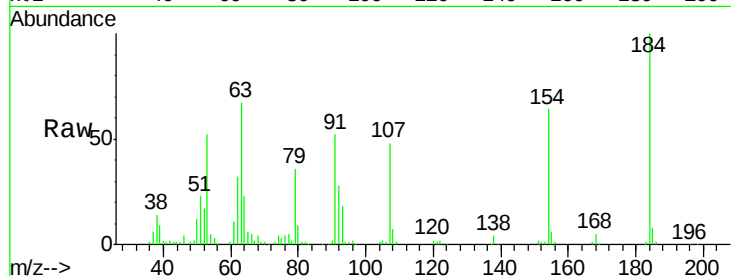




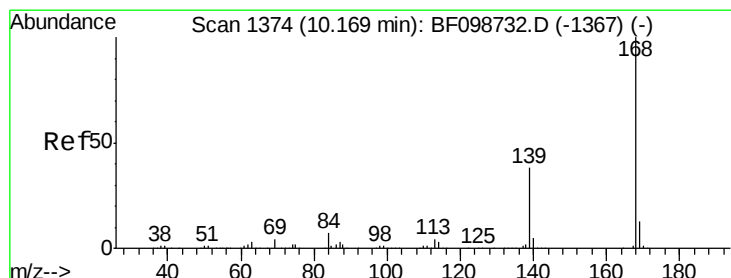
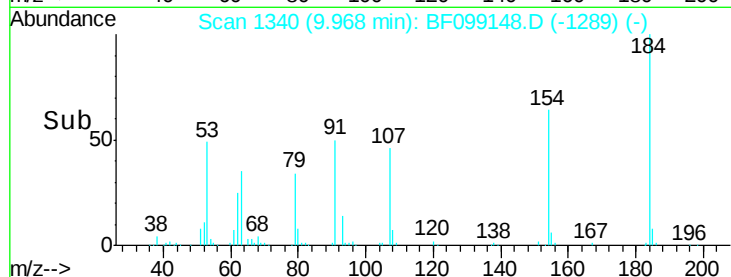
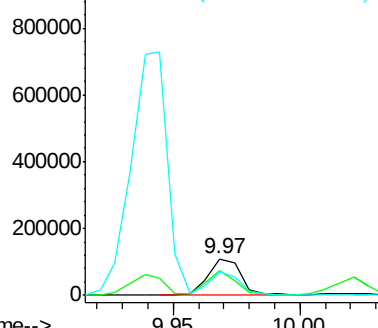
#53
2,4-Dinitrophenol
Concen: 39.45 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 99897
Ion Ratio Lower Upper
184 100
63 67.3 54.2 81.2
154 64.4 53.5 80.3

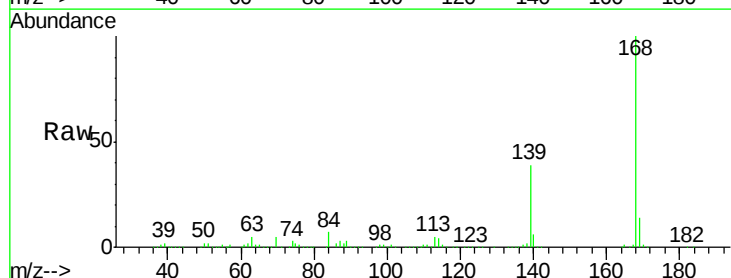


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

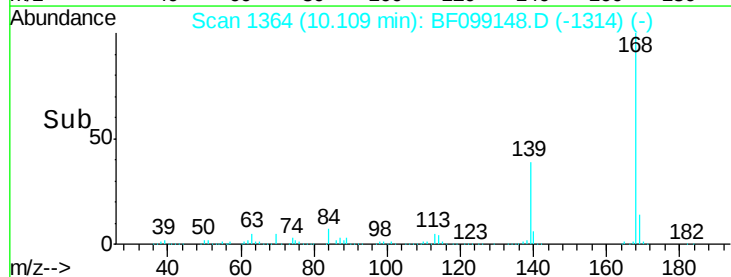
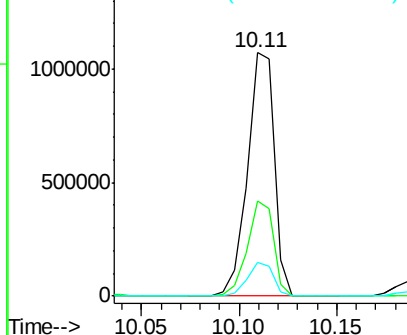


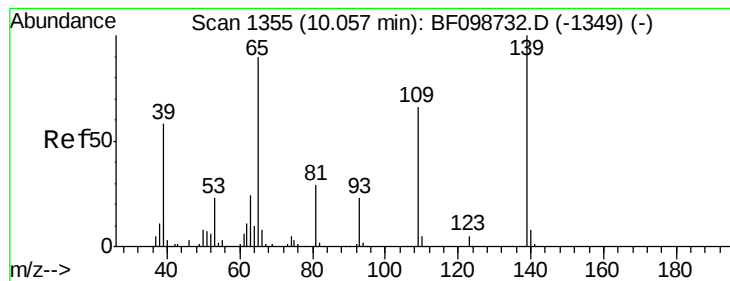
#54
Dibenzofuran
Concen: 38.03 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:168 Resp: 1020225
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 38.39 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

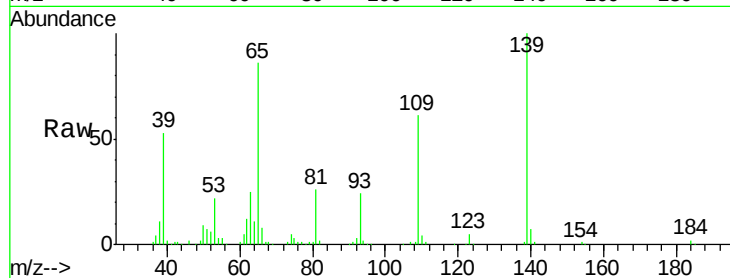
Tot Ion:139 Resp: 200277

Ion Ratio Lower Upper

139 100

109 61.4 48.4 88.4

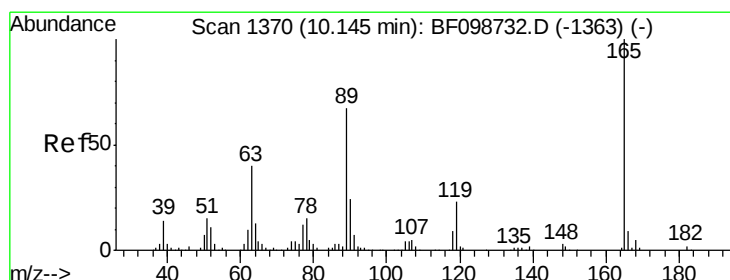
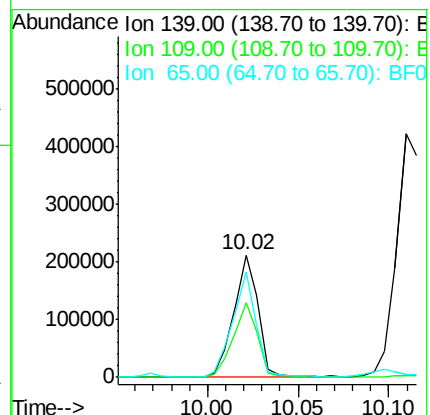
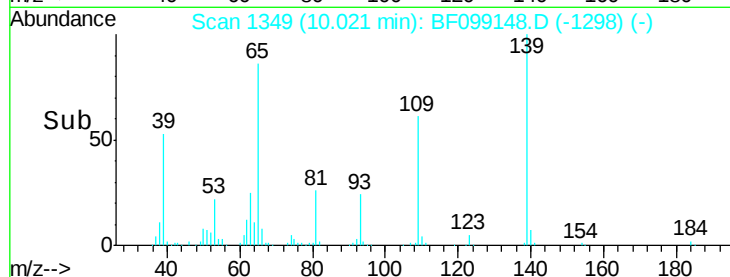
65 85.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.59 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Tgt Ion:165 Resp: 292434

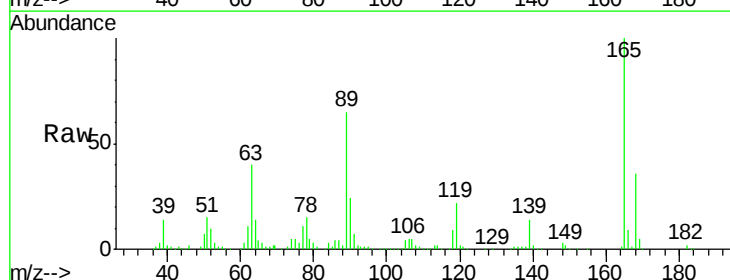
Ion Ratio Lower Upper

165 100

63 40.1 36.4 54.6

89 65.0 57.8 86.6

182 2.1 1.6 2.4

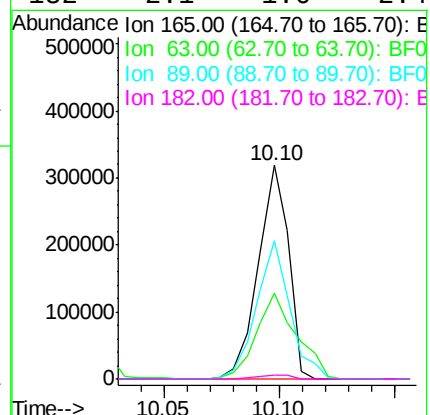
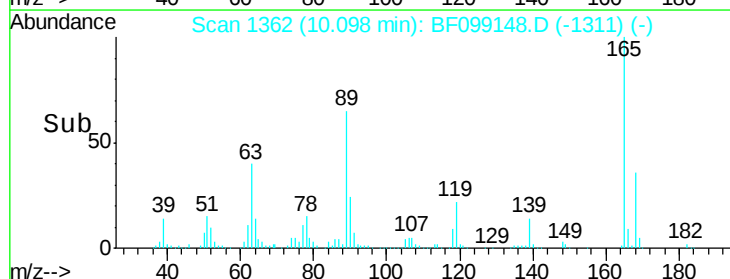


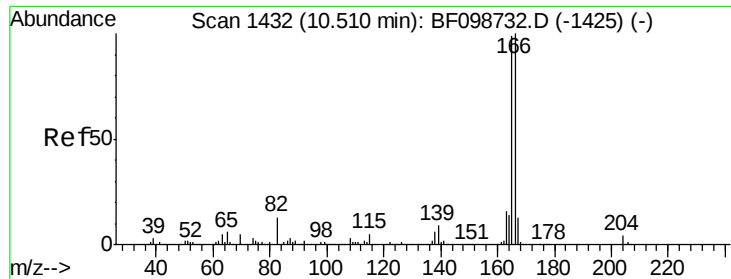
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.40 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

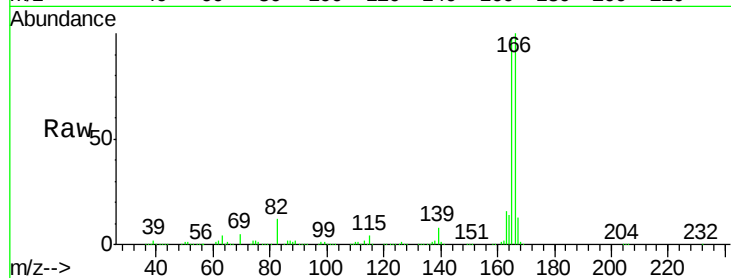
Tot Ion:166 Resp: 828020

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

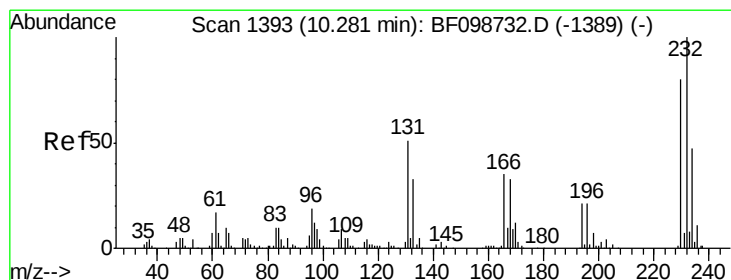
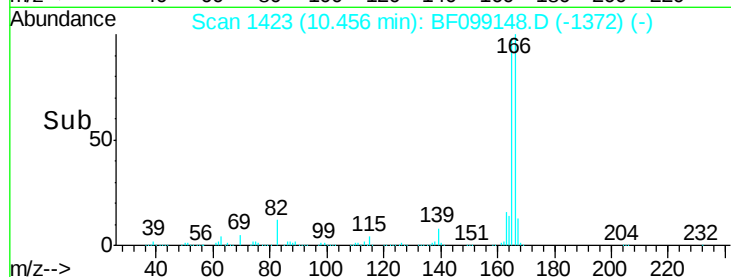
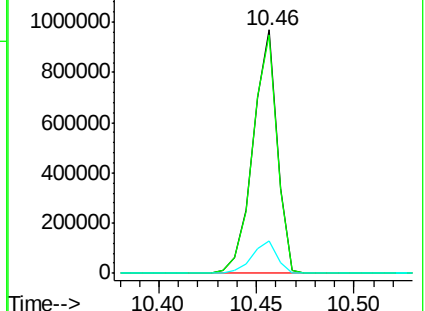
167 13.2 10.6 16.0



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: 38.65 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Tgt Ion:232 Resp: 181305

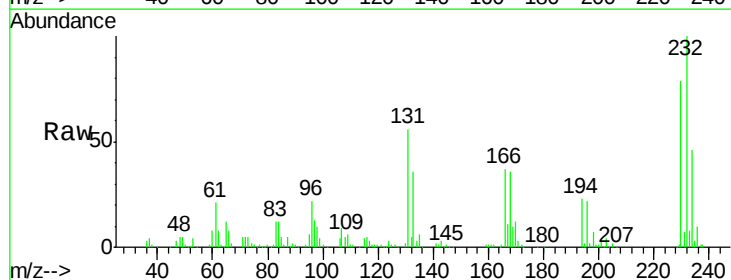
Ion Ratio Lower Upper

232 100

131 53.3 43.8 65.8

130 2.5 2.1 3.1

166 36.0 27.8 41.6

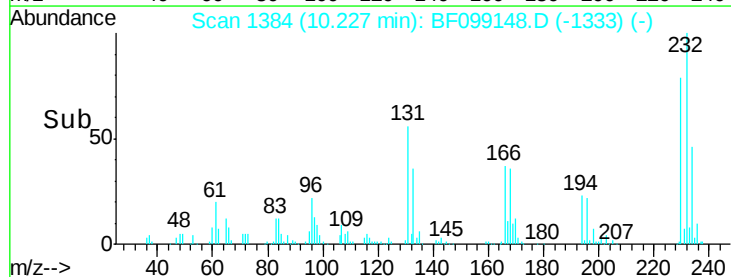
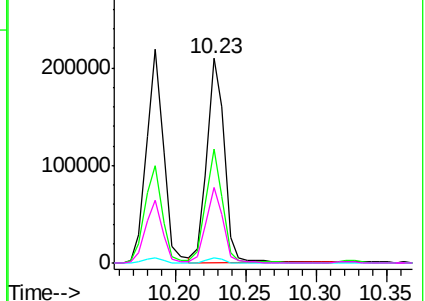


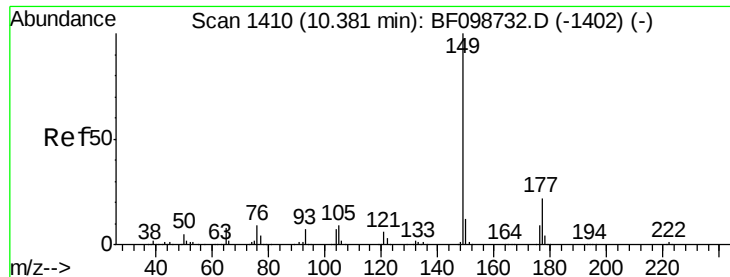
Abundance Ion 232.00 (231.70 to 232.70): E

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

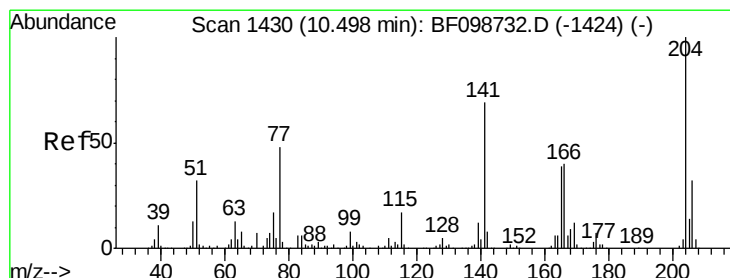
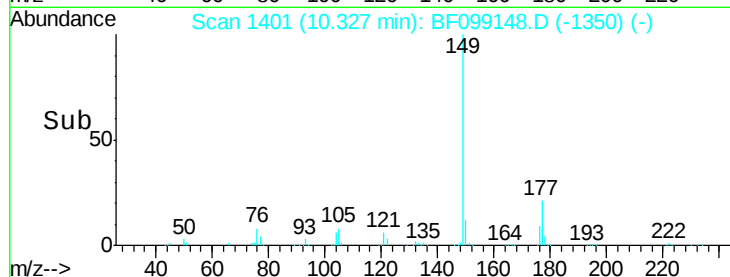
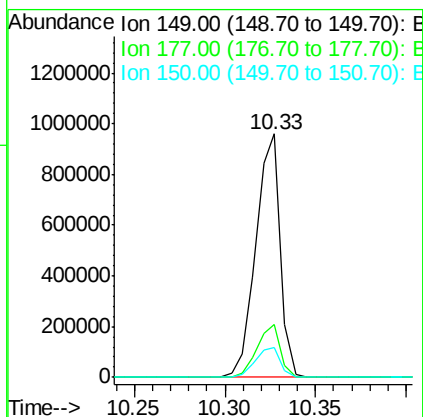
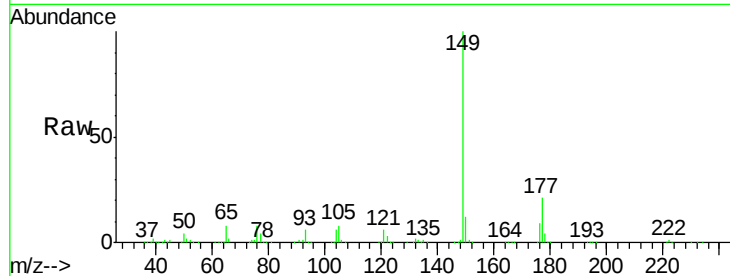




#59
Diethylphthalate
Concen: 37.68 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

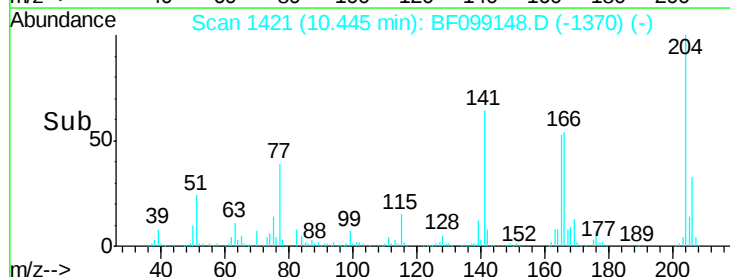
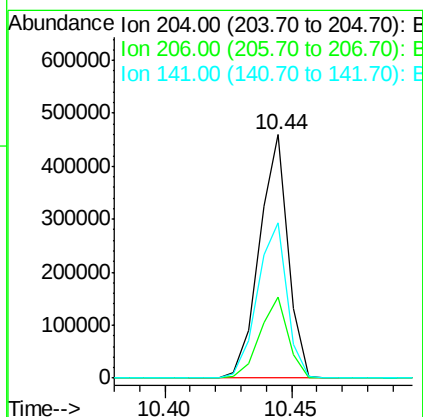
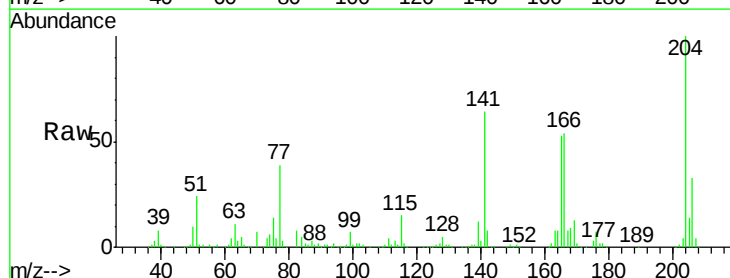
Instrument :
BNA_F
ClientSampleId :

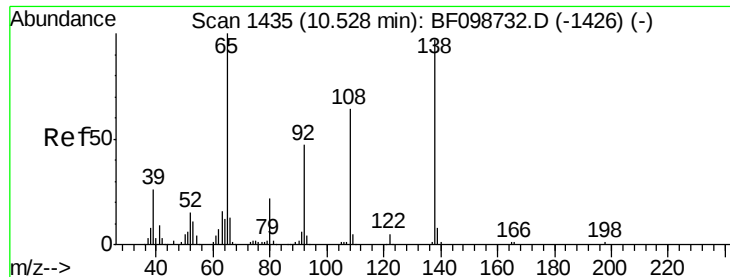
Tot Ion:149 Resp: 894891
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.27 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:204 Resp: 360948
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 64.0 54.6 81.8

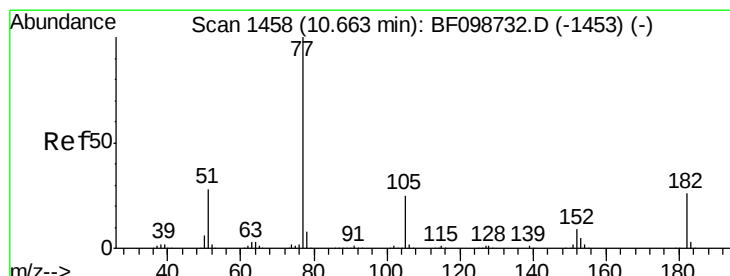
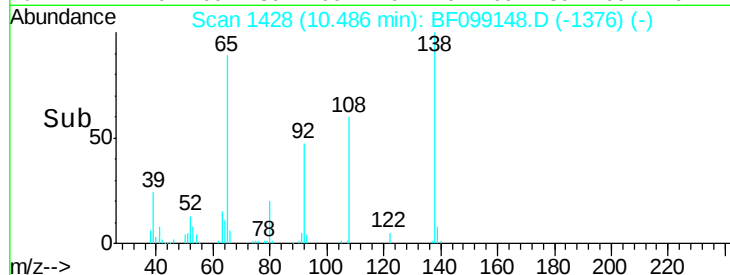
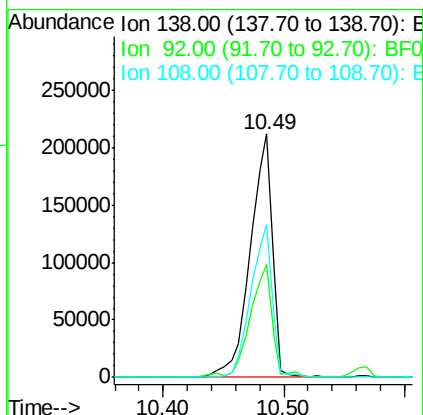
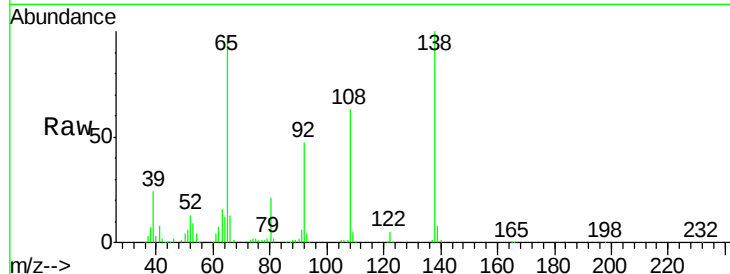




#61
4-Nitroaniline
Concen: 45.61 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

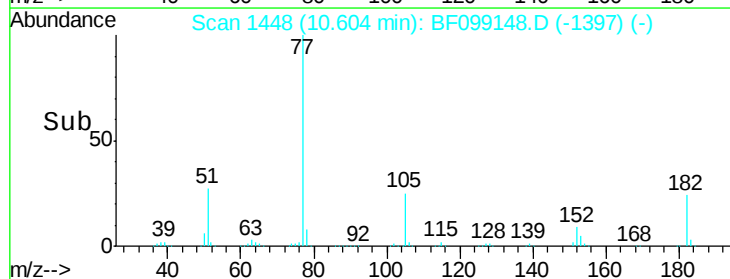
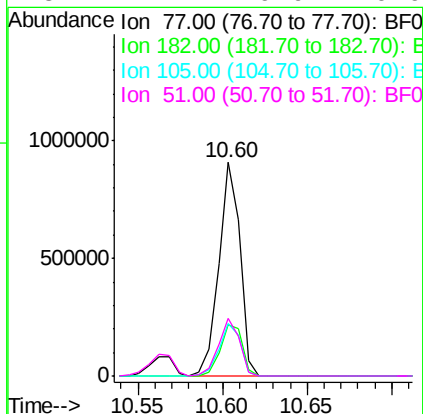
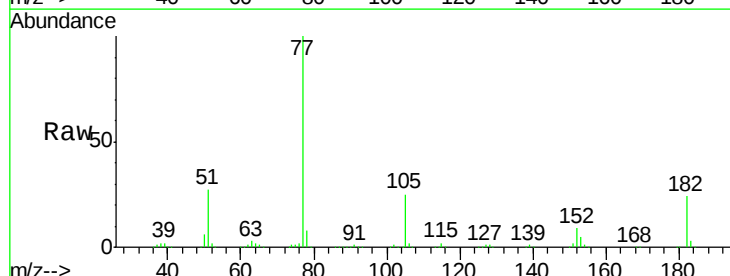
Instrument :
BNA_F
ClientSampleId :

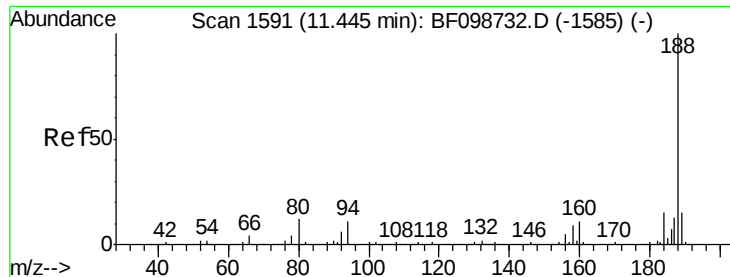
Tot Ion:138 Resp: 271482
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 62.8 52.5 92.5



#62
Azobenzene
Concen: 36.54 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion: 77 Resp: 797767
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.9 3.0 43.0
51 27.2 9.9 49.9

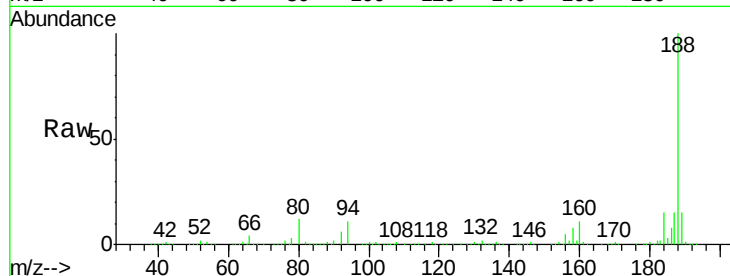




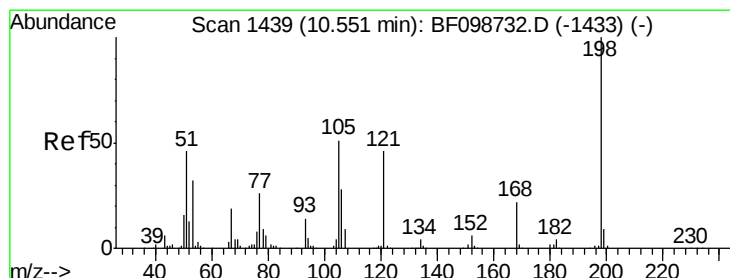
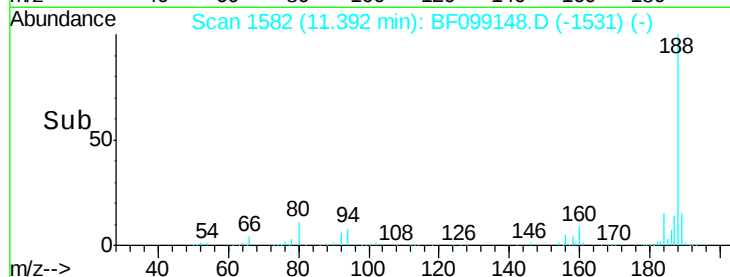
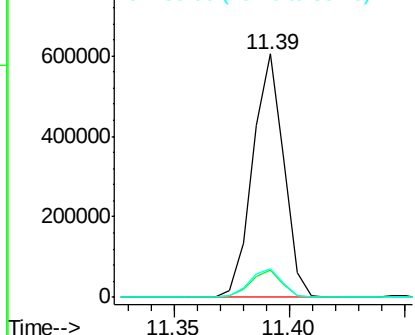
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 567629
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.8 9.2 13.8

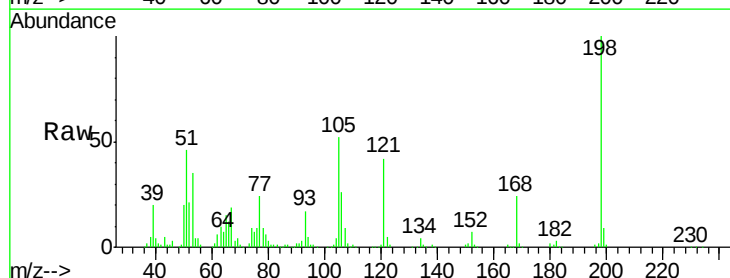


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

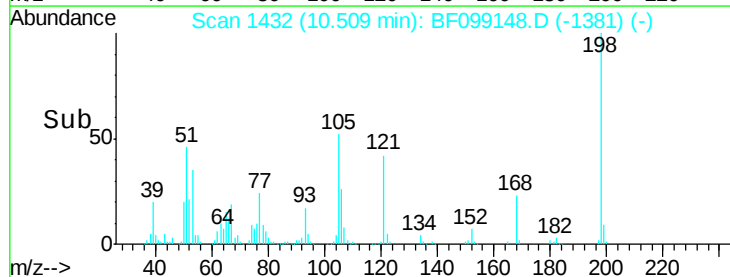
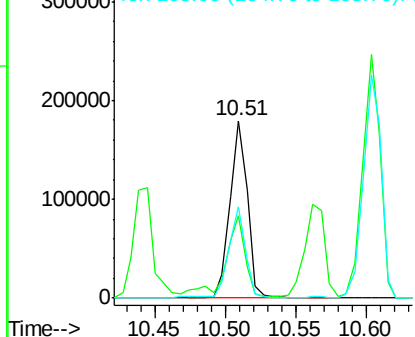


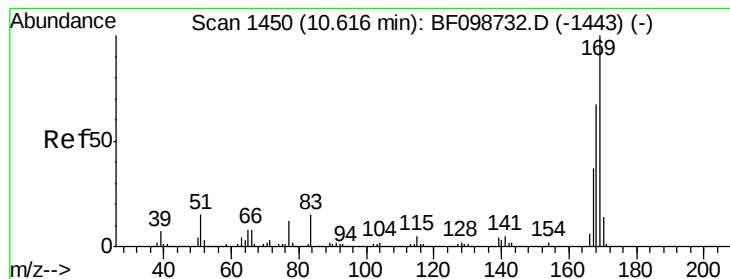
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.93 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:198 Resp: 155173
 Ion Ratio Lower Upper
 198 100
 51 46.2 37.7 77.7
 105 51.7 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: 38.62 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

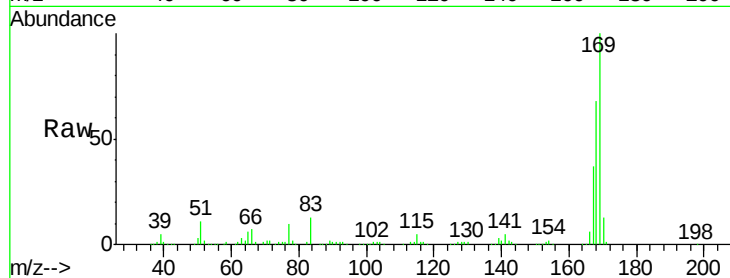
Tot Ion:169 Resp: 759430

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

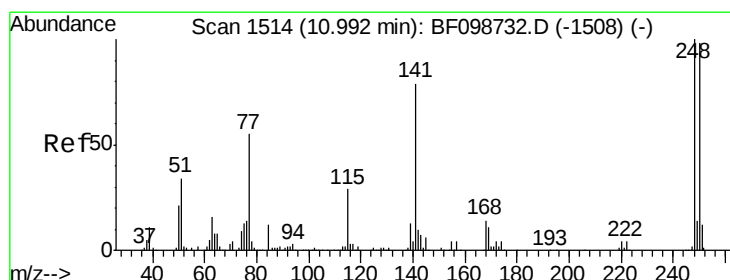
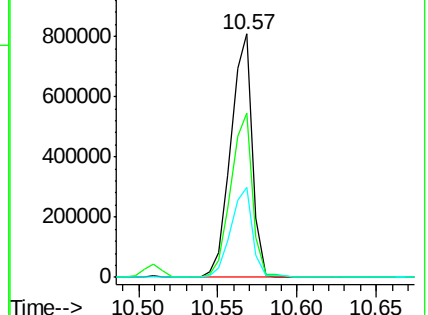
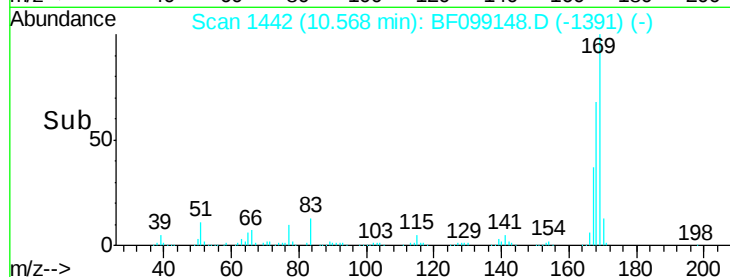
167 37.1 29.8 44.6



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: 39.35 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

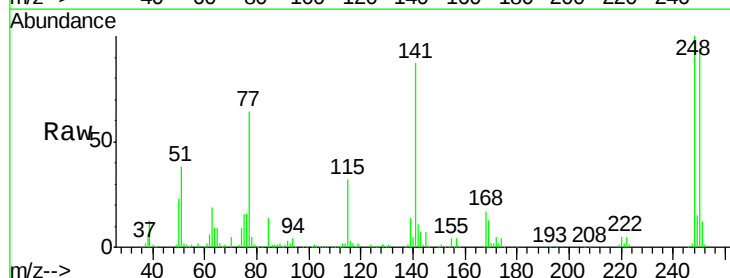
Tgt Ion:248 Resp: 218609

Ion Ratio Lower Upper

248 100

250 94.5 76.9 115.3

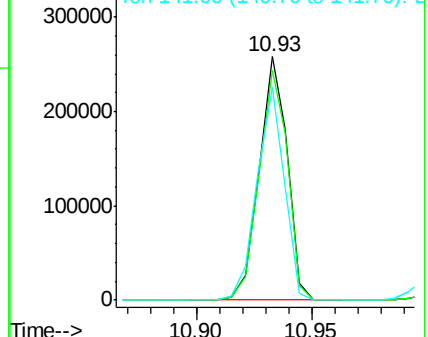
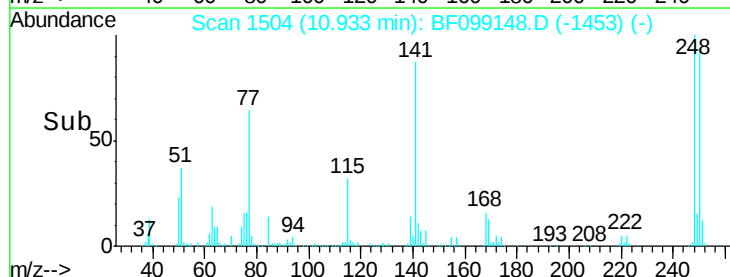
141 87.4 74.4 111.6



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

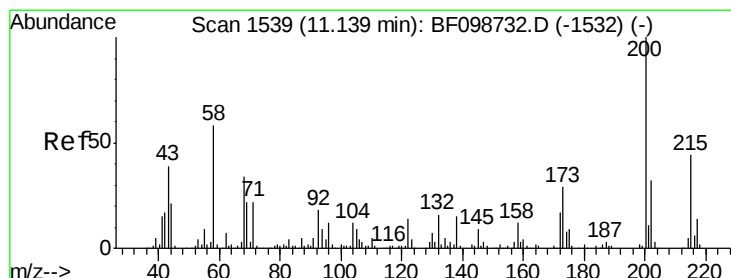
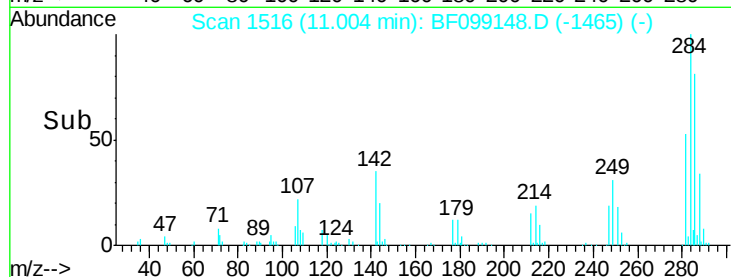
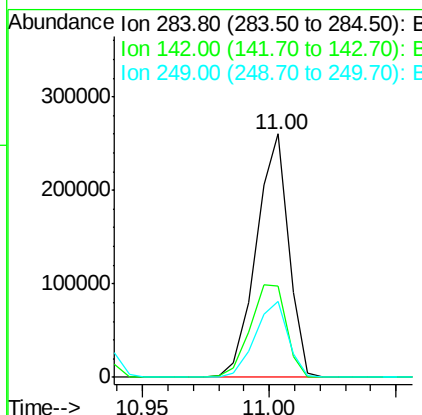
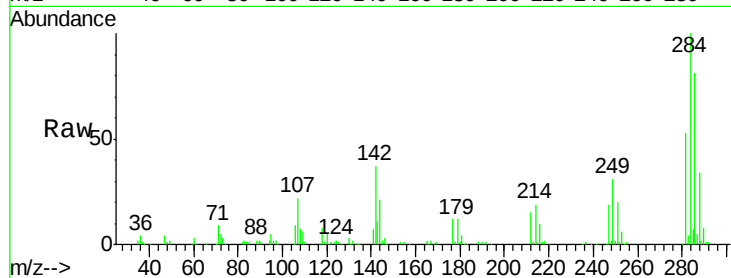




#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

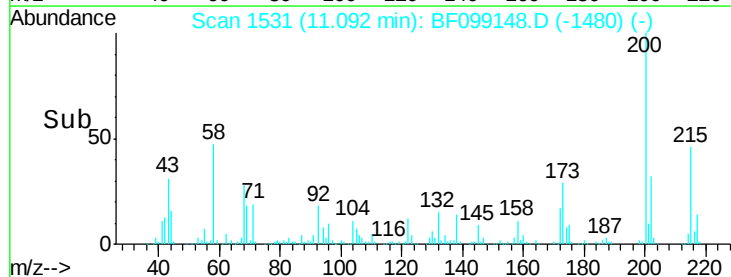
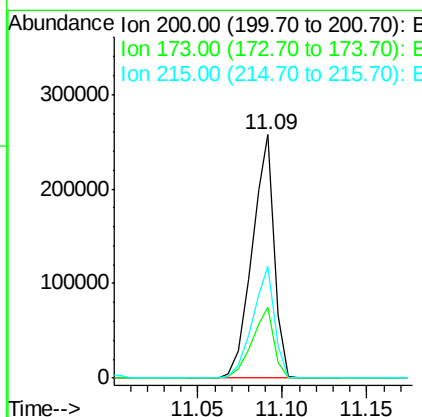
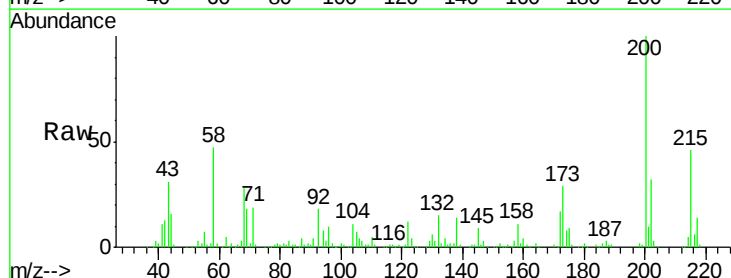
Instrument :
BNA_F
ClientSampleId :

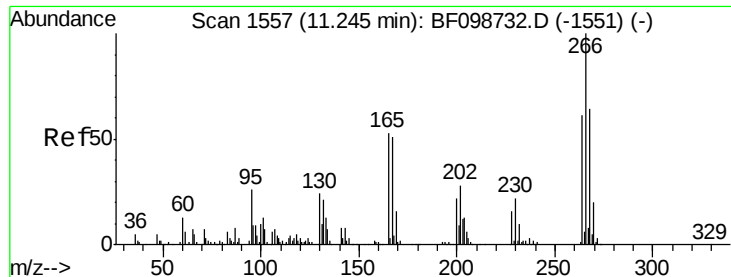
Tot Ion:284 Resp: 232363
Ion Ratio Lower Upper
284 100
142 37.3 34.6 52.0
249 31.4 24.8 37.2



#68
Atrazine
Concen: 39.74 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:200 Resp: 235120
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.9 25.1 65.1

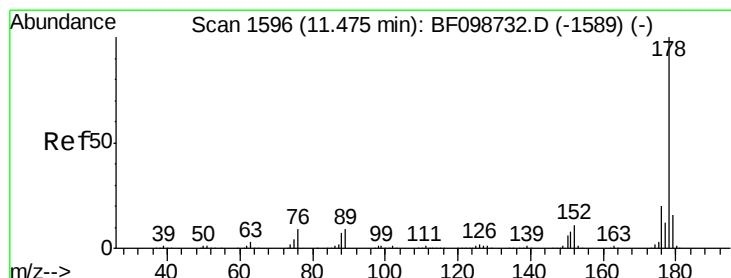
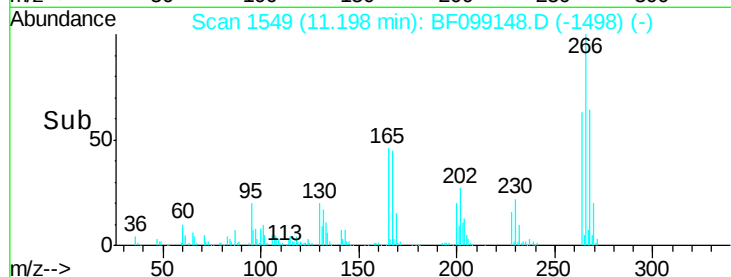
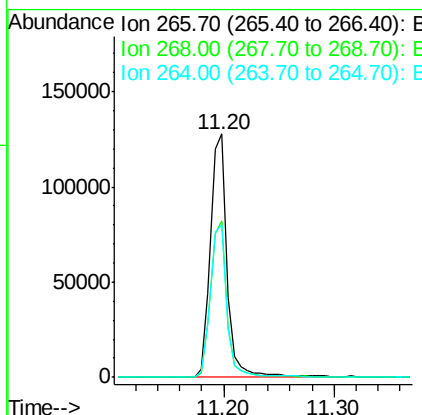
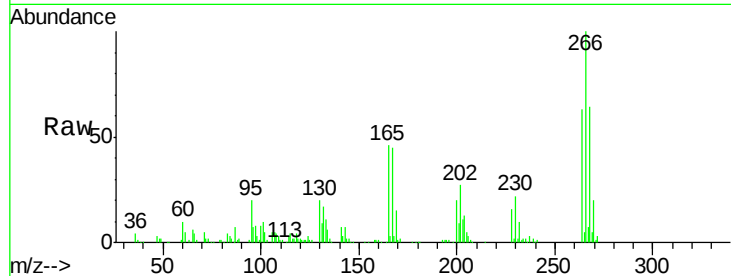




#69
 Pentachlorophenol
 Concen: 35.74 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

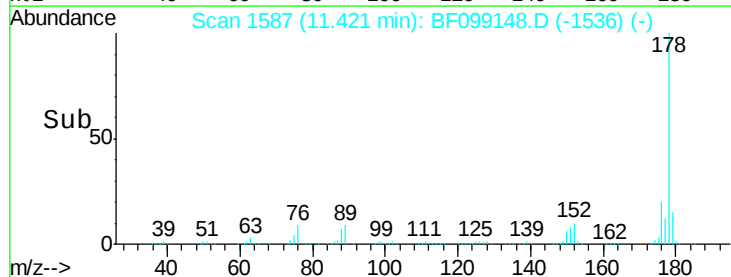
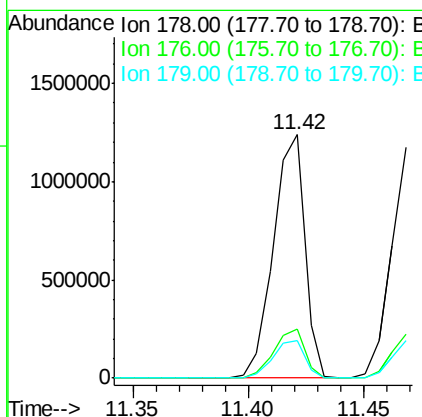
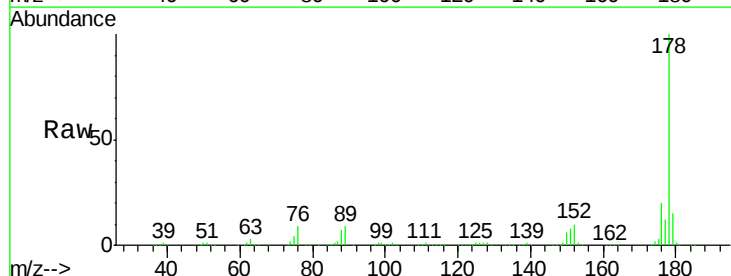
Instrument :
 BNA_F
 ClientSampleId :

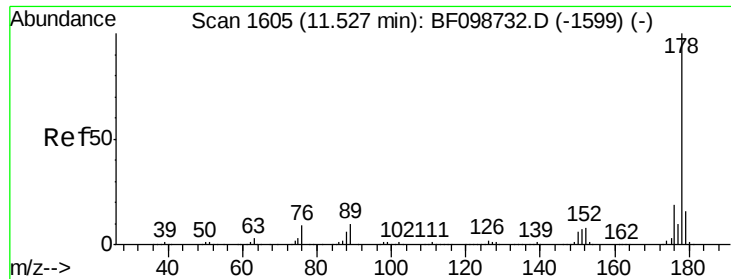
Tot Ion:266 Resp: 132013
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 38.55 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:178 Resp: 1171419
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 13.0 19.6

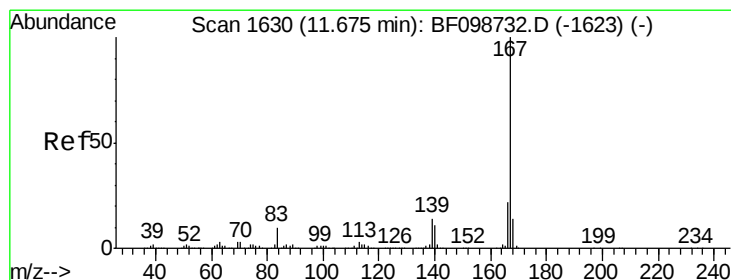
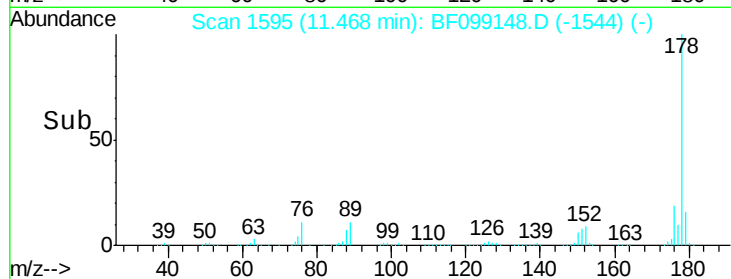
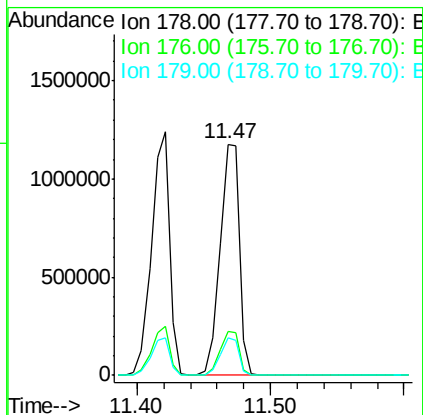
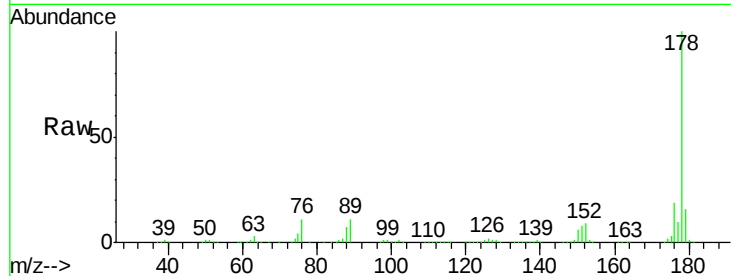




#71
 Anthracene
 Concen: 38.90 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

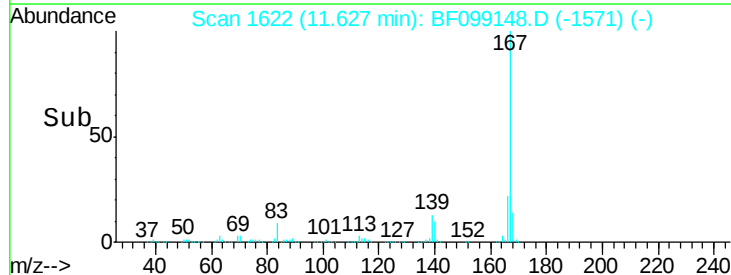
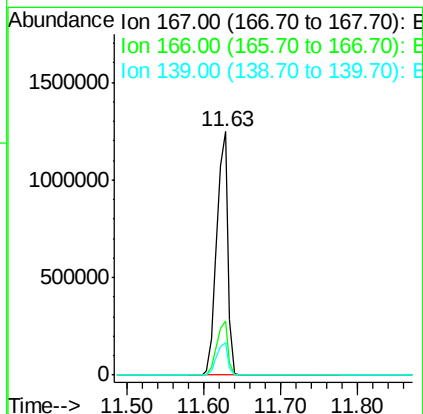
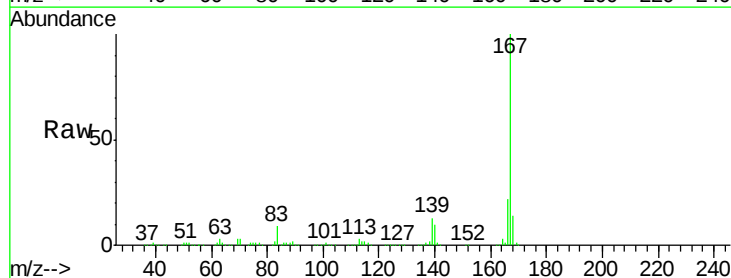
Instrument :
 BNA_F
 ClientSampleId :

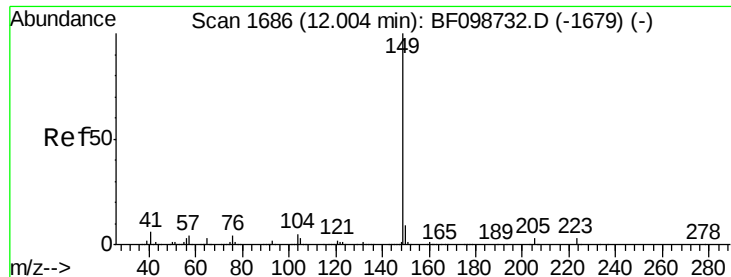
Tot Ion:178 Resp: 1209202
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 39.76 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:167 Resp: 1210466
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.59 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Instrument :

BNA_F

ClientSampleId :

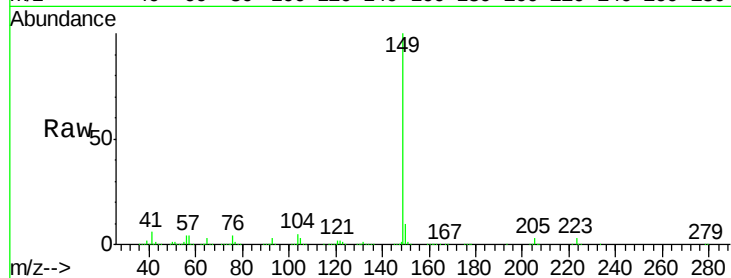
Tot Ion:149 Resp: 1377321

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

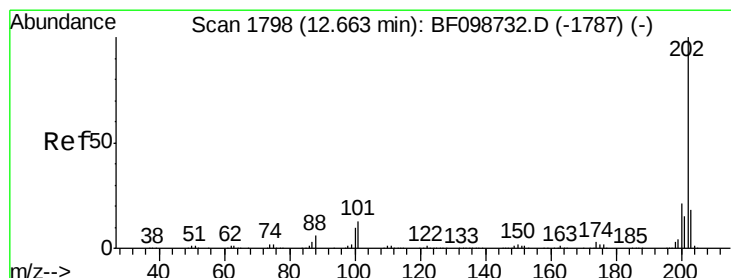
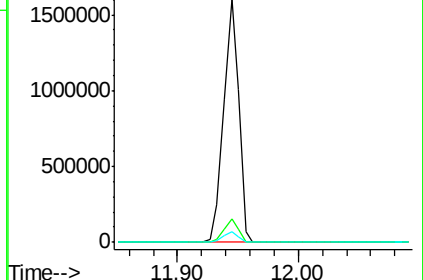
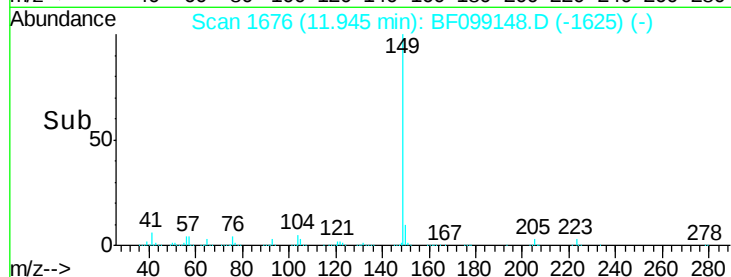
104 4.6 3.8 5.8



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: 39.39 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

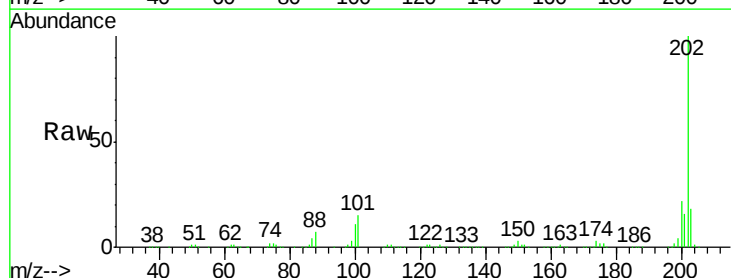
Tgt Ion:202 Resp: 1211928

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

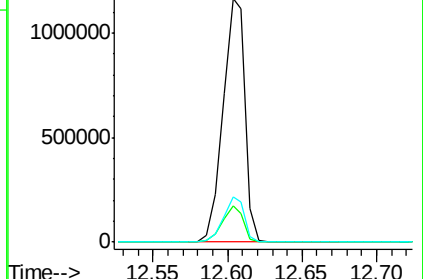
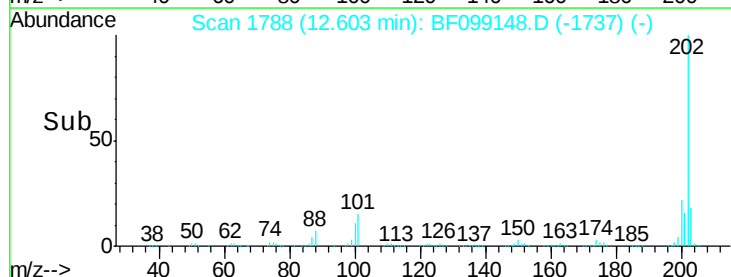
203 18.5 0.0 38.1

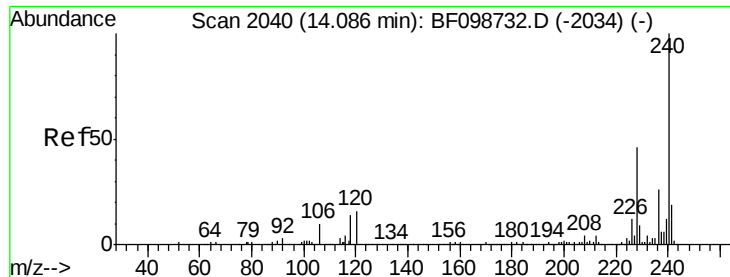


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

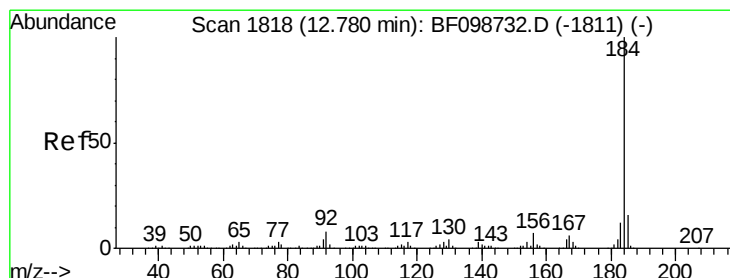
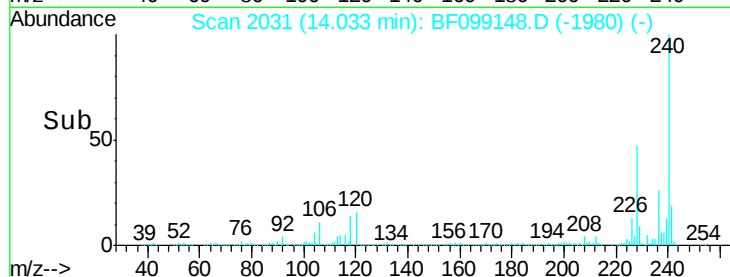
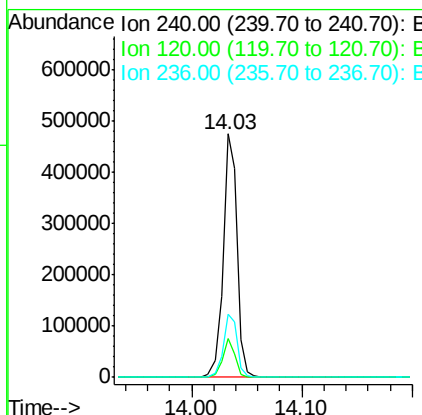
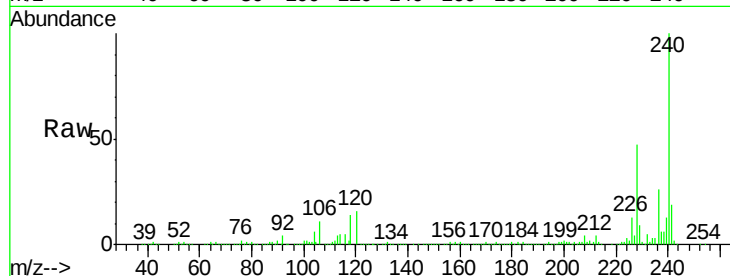




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

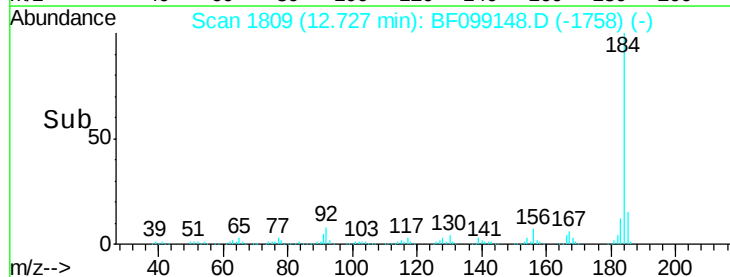
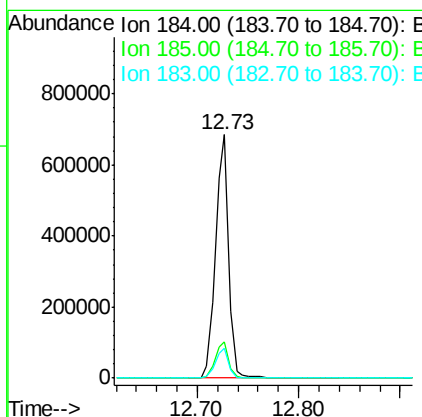
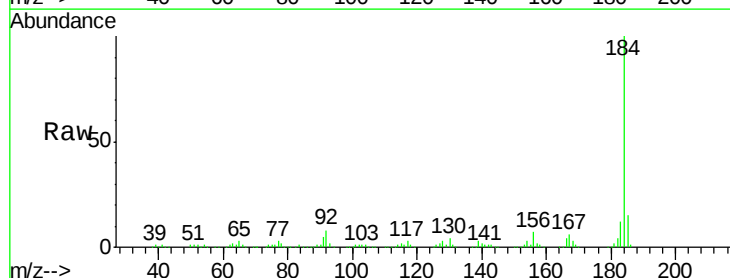
Instrument :
 BNA_F
 ClientSampleId :

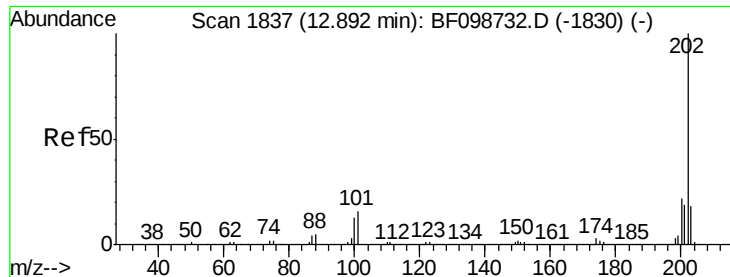
Tot Ion:240 Resp: 414162
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 26.0 20.7 31.1



#76
 Benzidine
 Concen: 40.19 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:184 Resp: 615601
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.6 18.8
 183 12.2 9.3 13.9

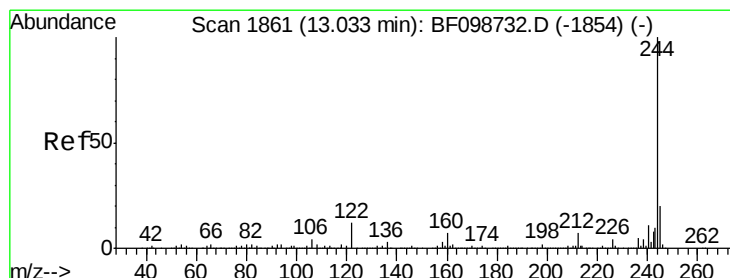
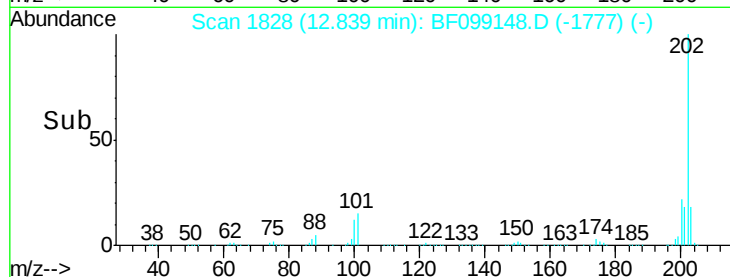
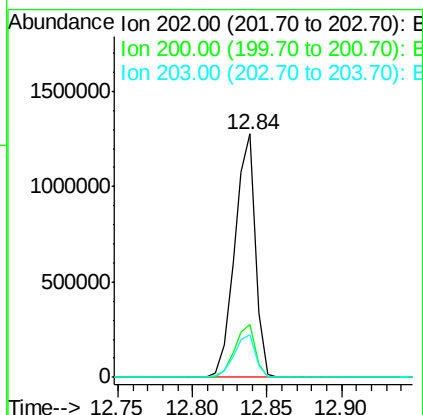
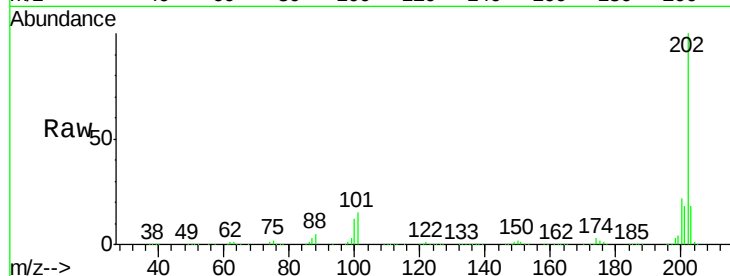




#77
Pvrene
Concen: 39.31 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

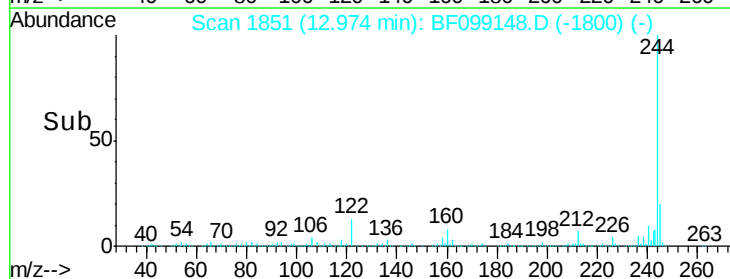
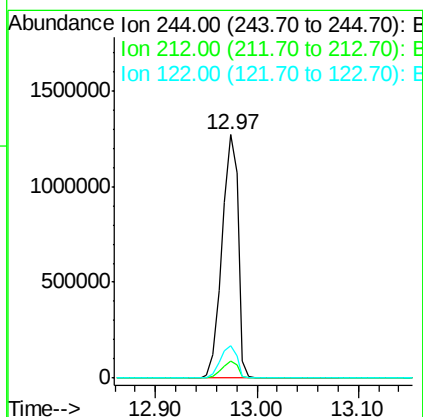
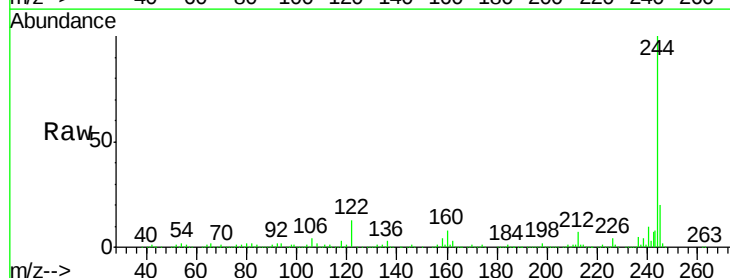
Instrument :
BNA_F
ClientSampleId :

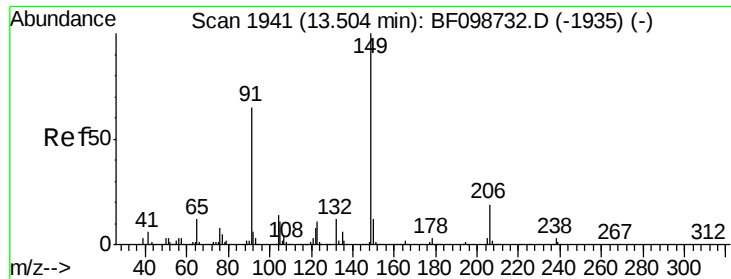
Tot Ion:202 Resp: 1241606
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 77.00 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:244 Resp: 1402200
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.3 11.0 16.4

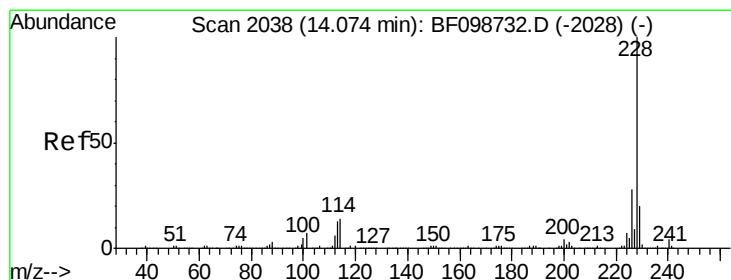
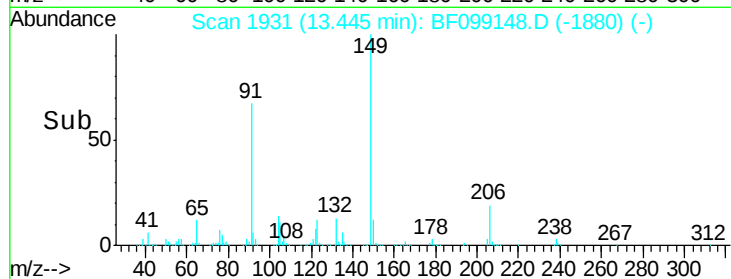
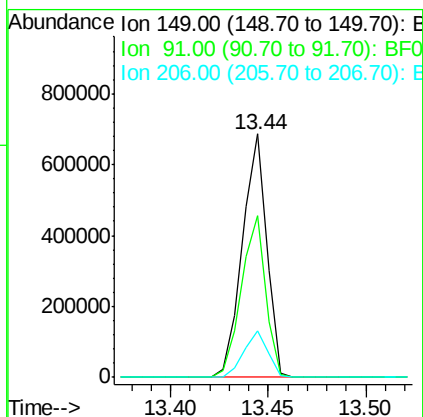
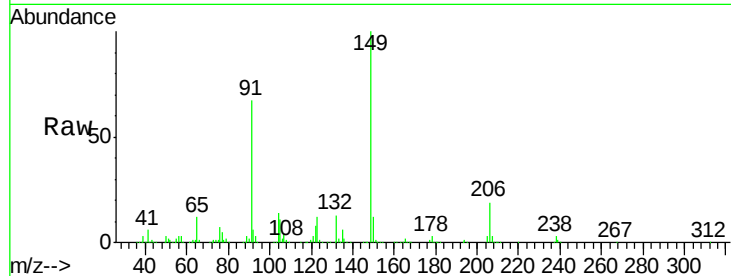




#79
Butylbenzylphthalate
Concen: 40.10 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

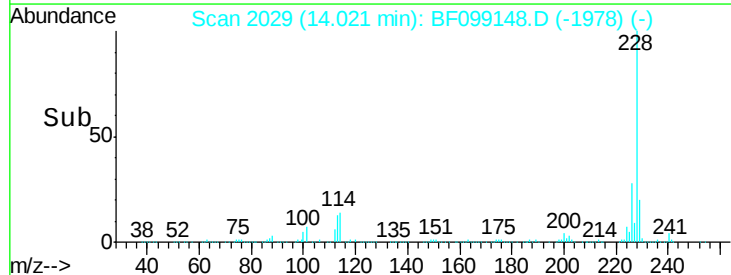
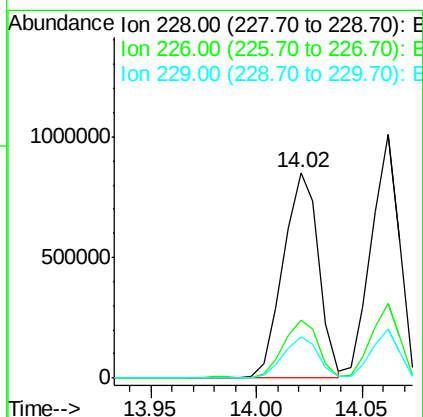
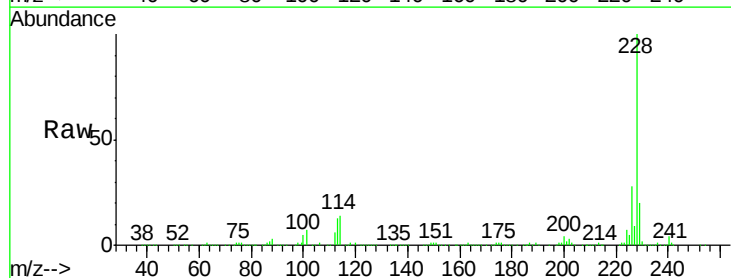
Instrument :
BNA_F
ClientSampleId :

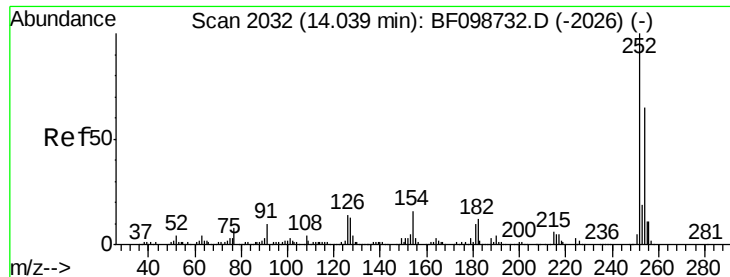
Tot Ion:149 Resp: 595141
Ion Ratio Lower Upper
149 100
91 66.7 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.64 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:228 Resp: 994209
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.9 15.8 23.6

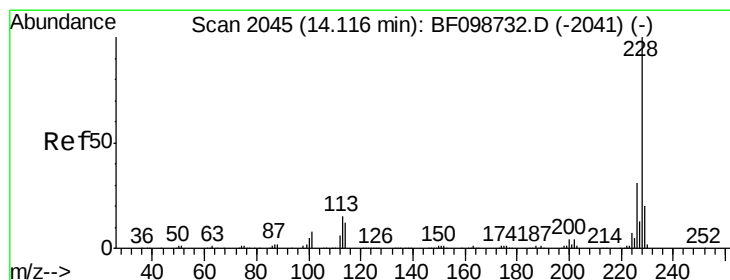
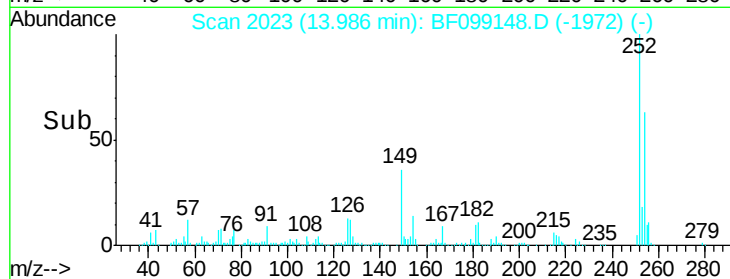
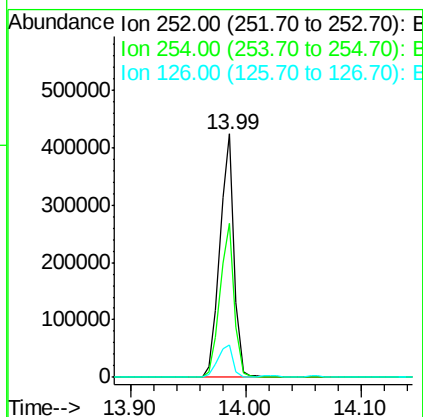
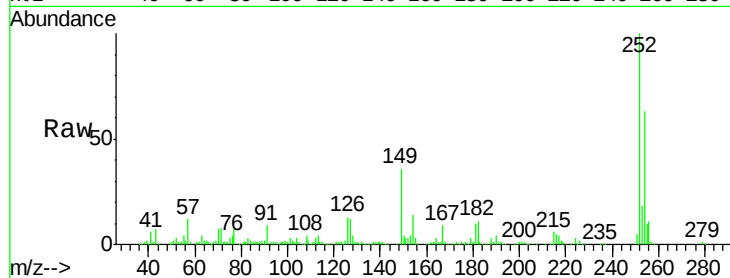




#81
 3,3'-Dichlorobenzidine
 Concen: 39.37 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

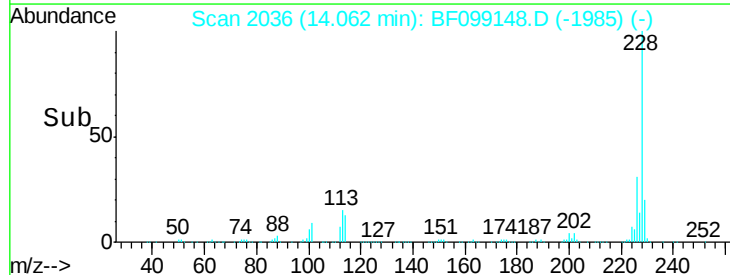
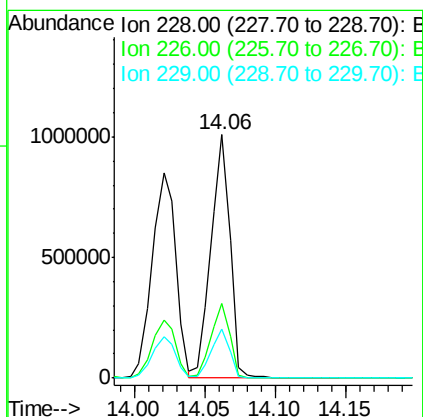
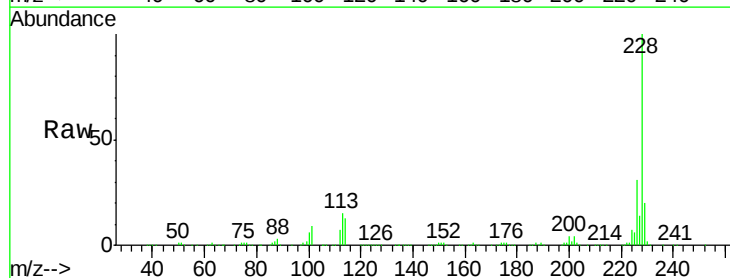
Instrument :
 BNA_F
 ClientSampleId :

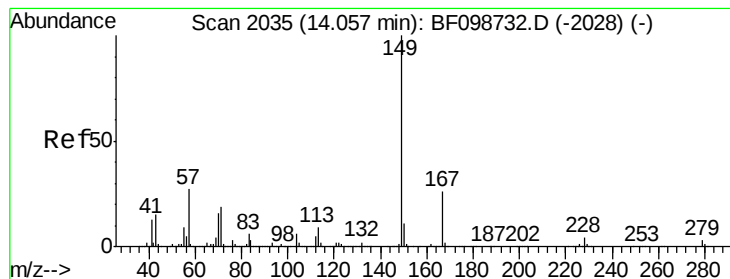
Tot Ion:252 Resp: 361973
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 13.3 11.3 16.9



#82
 Chrysene
 Concen: 39.55 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Tgt Ion:228 Resp: 944273
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

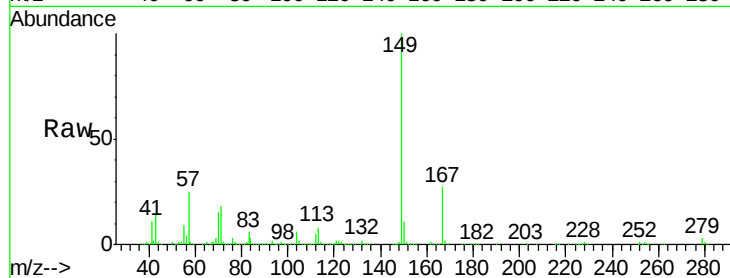
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 756225

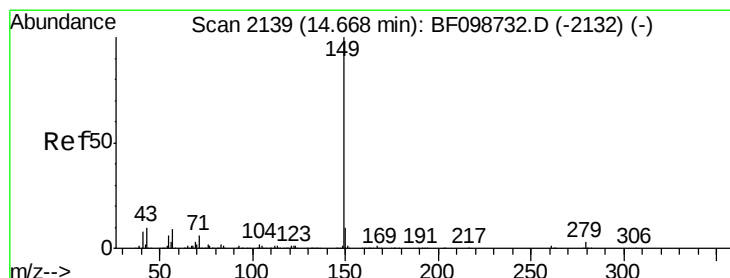
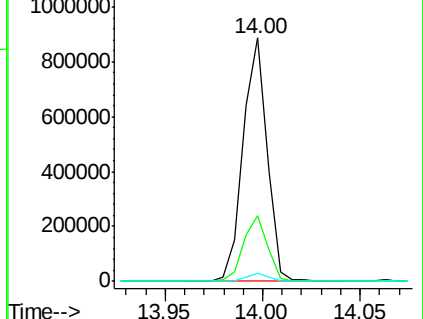
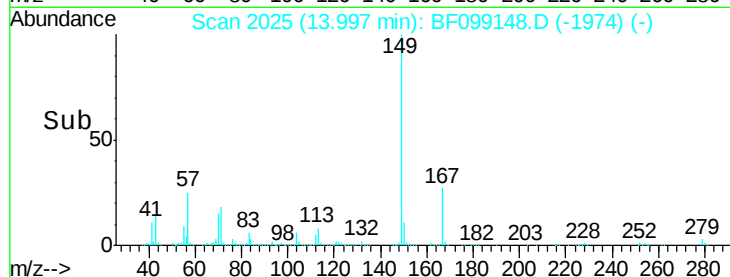
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.2	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.02 ng

RT: 14.61 min Scan# 2129

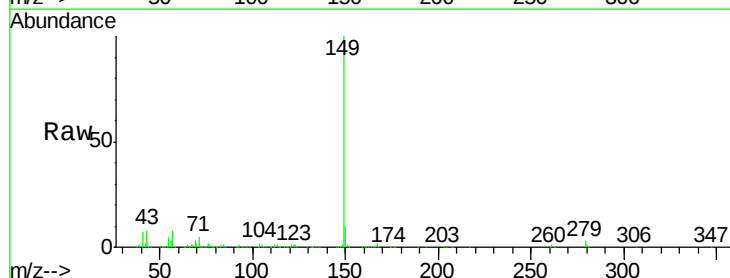
Delta R.T. -0.00 min

Lab File: BF099148.D

Acq: 6 Oct 2017 15:33

Tgt Ion:149 Resp: 1218421

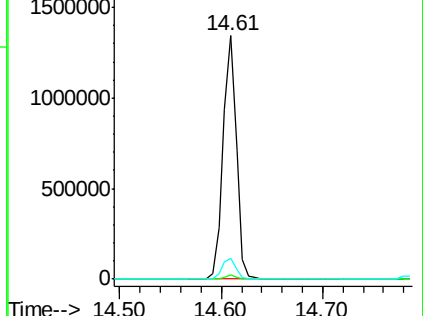
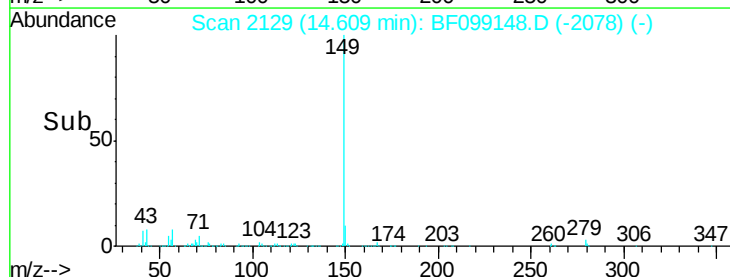
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.4	12.6

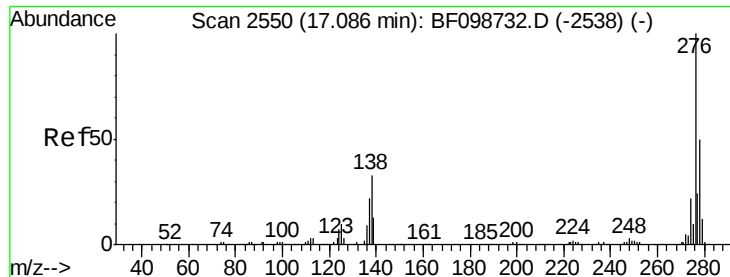


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

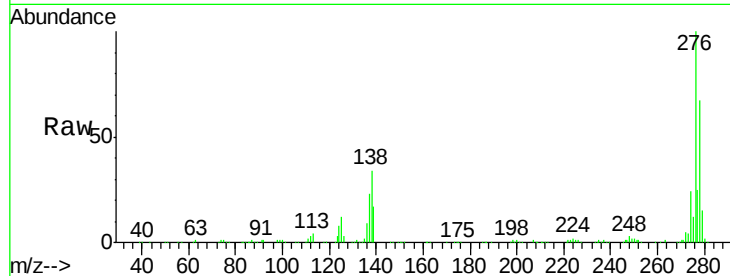




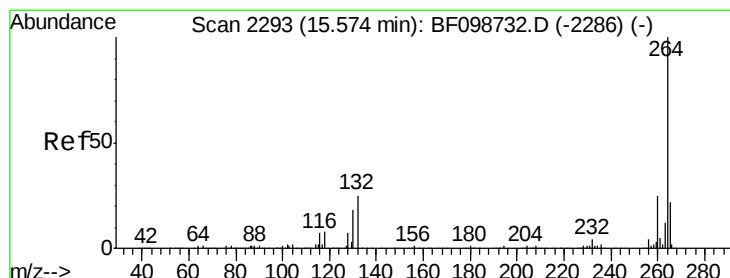
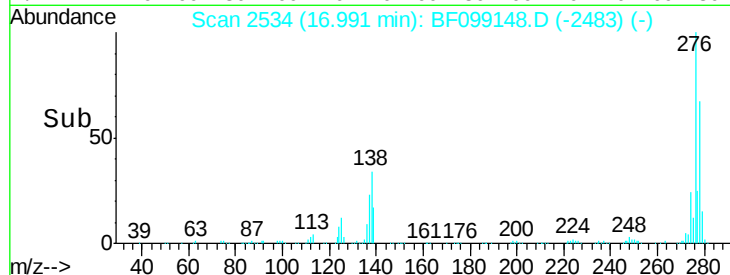
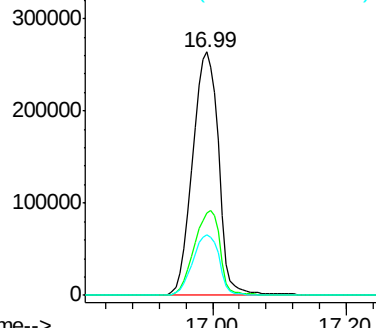
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.20 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.3	20.1	30.1

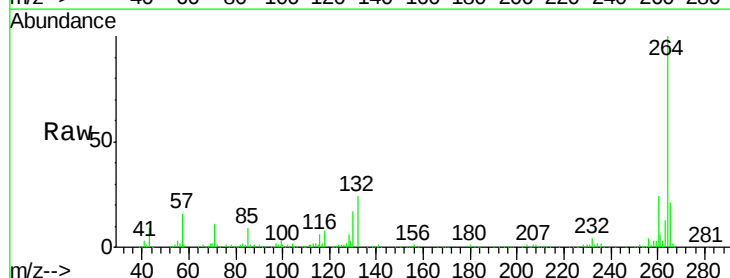


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

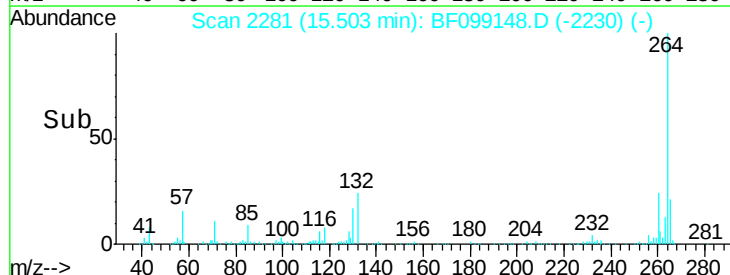
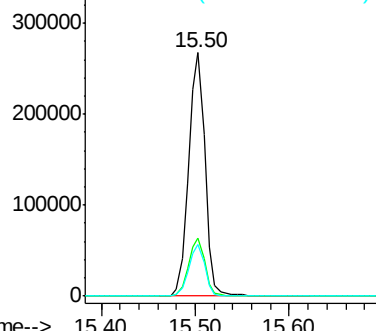


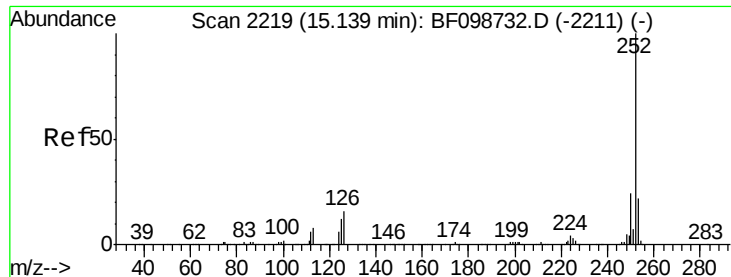
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	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

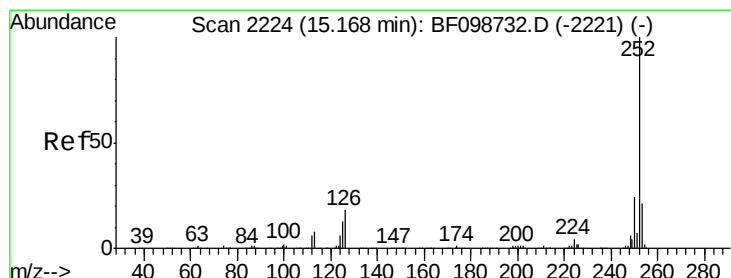
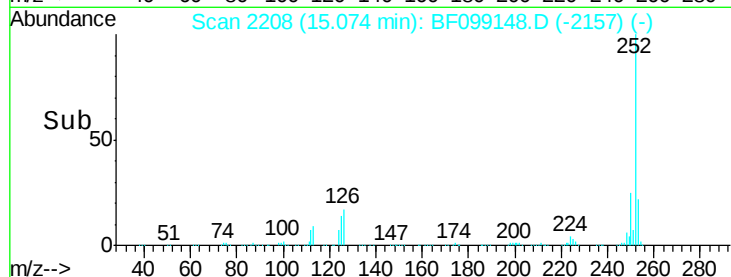
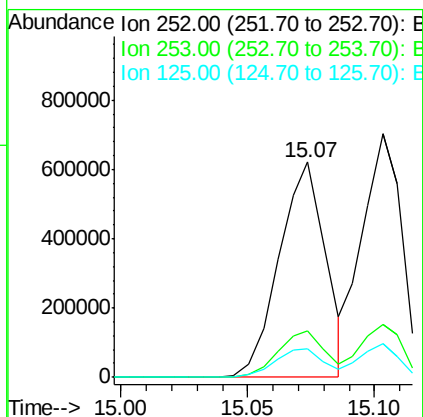
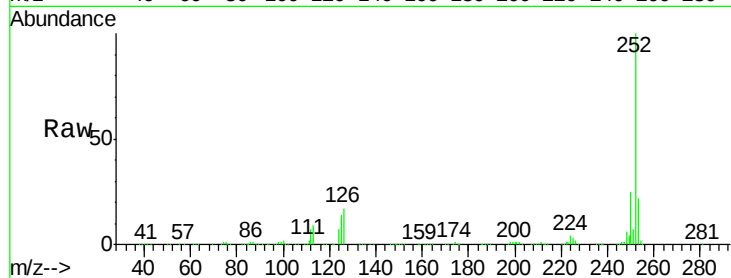




#87
Benzo(b)fluoranthene
Concen: 39.38 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

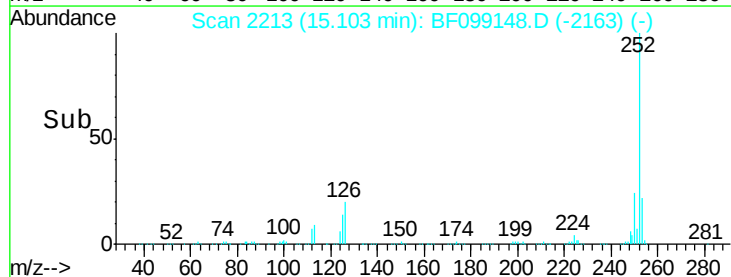
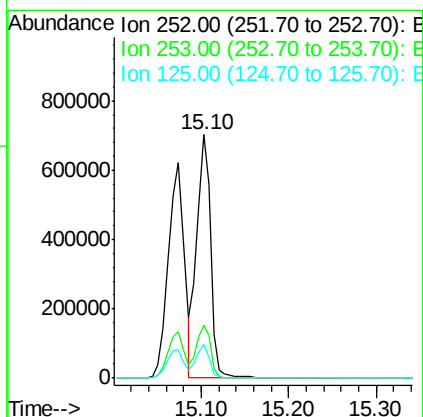
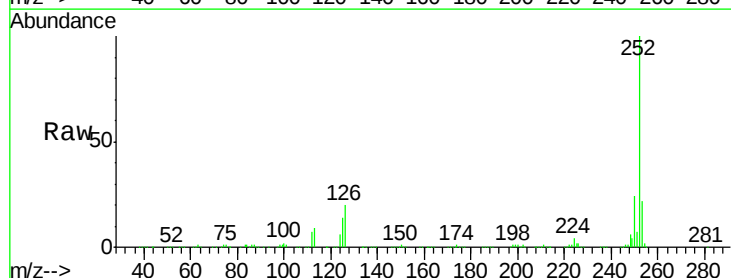
Instrument :
BNA_F
ClientSampleId :

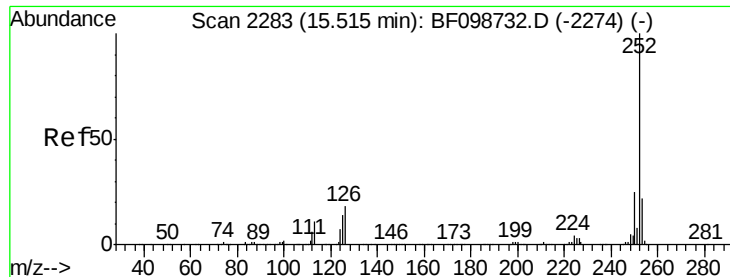
Tot Ion:252 Resp: 793532
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.47 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:252 Resp: 785470
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.7 10.2 15.2

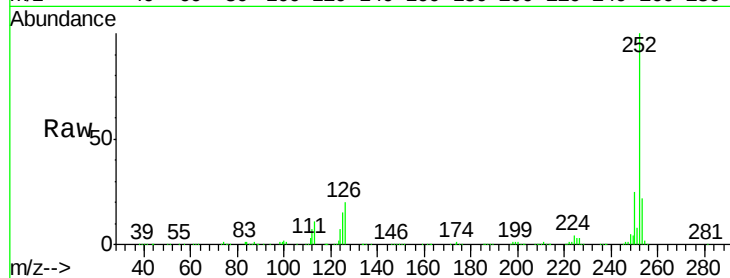




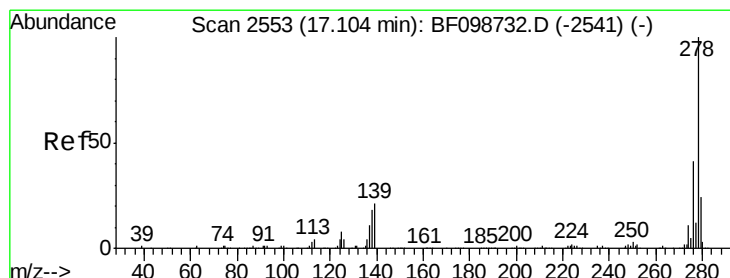
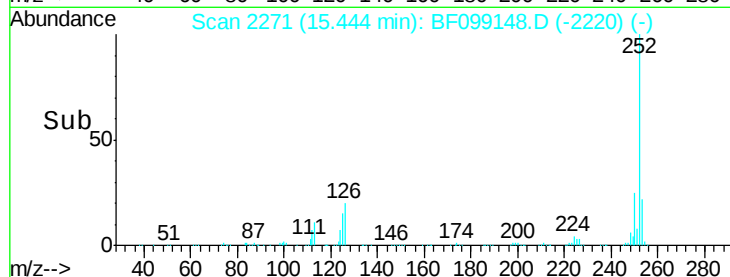
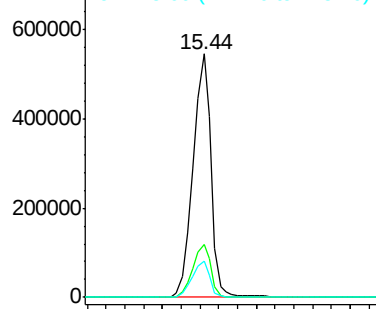
#89
Benzo(a)pyrene
Concen: 39.39 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 728499
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.8 9.8 14.6#

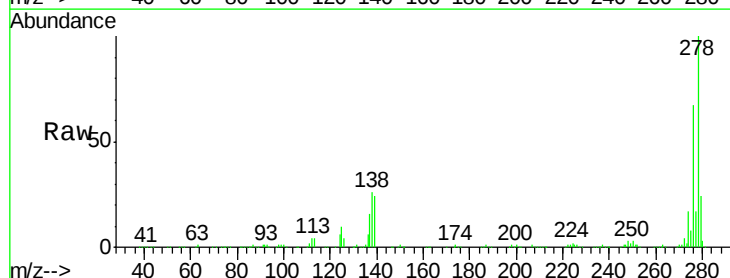


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

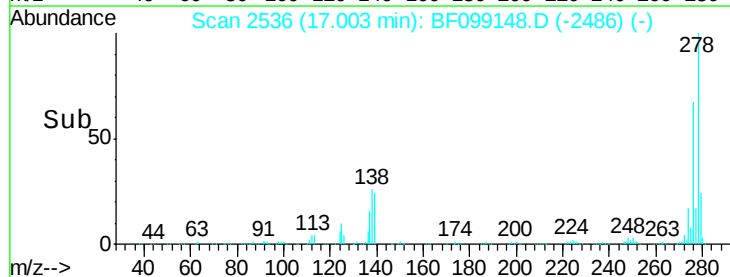
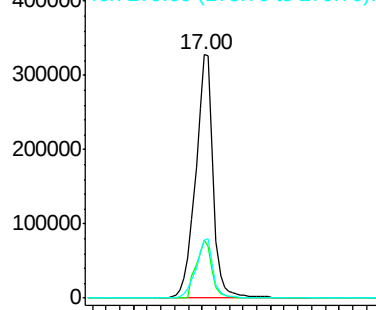


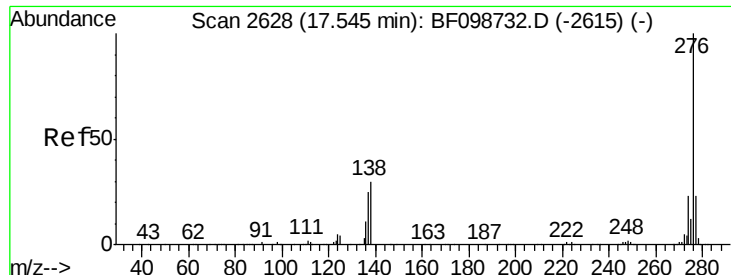
#90
Dibenzo(a,h)anthracene
Concen: 39.83 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099148.D
Acq: 6 Oct 2017 15:33

Tgt Ion:278 Resp: 589608
Ion Ratio Lower Upper
278 100
139 23.9 15.9 23.9
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

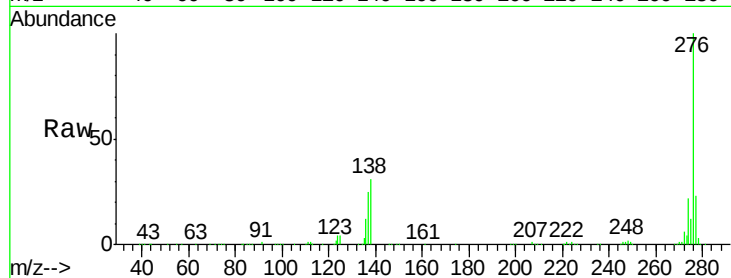




#91
 Benzo(a,h,i)perylene
 Concen: 42.09 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BF099148.D
 Acq: 6 Oct 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	31.0	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

