

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099356.D
 Acq On : 11 Oct 2017 20:39
 Operator : SJ/JU
 Sample : PB103175BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111095	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	453992	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	203624	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	357655	20.00	ng	0.00
75) Chrysene-d12	14.02	240	212798	20.00	ng	0.00
86) Perylene-d12	15.48	264	169068	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	888520	127.32	ng	0.02
7) Phenol-d6	6.49	99	1065554	123.77	ng	0.00
23) Nitrobenzene-d5	7.42	82	637620	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	222136	133.32	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1196371	98.08	ng	0.00
78) Terphenyl-d14	12.96	244	995981	106.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	113937	34.18	ng	95
3) Pyridine	3.49	79	317656	35.22	ng	94
4) n-Nitrosodimethylamine	3.45	42	127247	33.27	ng	82
6) Aniline	6.52	93	312502	26.90	ng	98
8) 2-Chlorophenol	6.64	128	313758	39.70	ng	97
9) Benzaldehyde	6.40	77	126370	25.30	ng	97
10) Phenol	6.50	94	378155	39.28	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	287808	38.45	ng	97
12) 1,3-Dichlorobenzene	6.79	146	334437	40.41	ng	98
13) 1,4-Dichlorobenzene	6.87	146	338543	40.20	ng	99
14) 1,2-Dichlorobenzene	7.02	146	311259	40.00	ng	98
15) Benzyl Alcohol	7.00	79	240524	38.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	413243	35.44	ng	95
17) 2-Methylphenol	7.11	107	257972	39.89	ng	97
18) Hexachloroethane	7.36	117	117698	38.88	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	193500	35.20	ng	92
20) 3+4-Methylphenols	7.26	107	307526	37.59	ng	# 72
22) Acetophenone	7.26	105	405939	36.91	ng	# 96
24) Nitrobenzene	7.44	77	303088	37.74	ng	93
25) Isophorone	7.67	82	567966	38.81	ng	99
26) 2-Nitrophenol	7.75	139	175999	45.58	ng	91
27) 2,4-Dimethylphenol	7.79	122	287822	39.47	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	366333	40.16	ng	98
29) 2,4-Dichlorophenol	7.99	162	264998	42.32	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	268747	42.91	ng	98
31) Naphthalene	8.16	128	879925	41.27	ng	100
32) Benzoic acid	7.92	122	156564	26.14	ng	97
33) 4-Chloroaniline	8.20	127	159881	17.96	ng	96
34) Hexachlorobutadiene	8.27	225	131312	40.71	ng	98
35) Caprolactam	8.58	113	43969	21.89	ng	87
36) 4-Chloro-3-methylphenol	8.69	107	269902	38.35	ng	93
37) 2-Methylnaphthalene	8.85	142	610949	44.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	244720	40.30	ng	99
40) Hexachlorocyclopentadiene	9.00	237	149972	54.04	ng	97

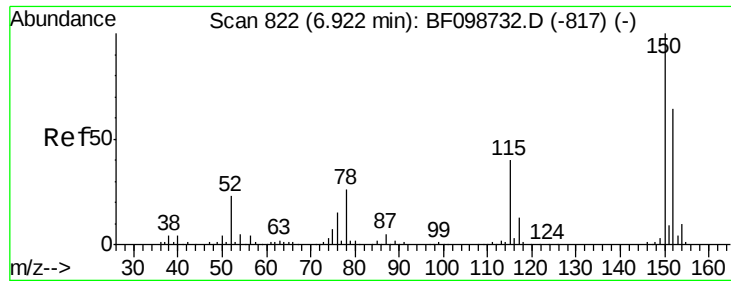
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	170075	39.53	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	180205	41.96	nq	93
45) 1,1'-Biphenyl	9.31	154	711311	40.65	nq	99
46) 2-Chloronaphthalene	9.34	162	555414	42.27	nq	97
47) 2-Nitroaniline	9.44	65	157480	39.14	nq	89
48) Acenaphthylene	9.76	152	836858	41.60	nq	99
49) Dimethylphthalate	9.62	163	637679	41.49	nq	99
50) 2,6-Dinitrotoluene	9.68	165	144097	43.07	nq	# 84
51) Acenaphthene	9.93	154	491952	38.61	nq	99
52) 3-Nitroaniline	9.85	138	103229	26.46	nq	86
53) 2,4-Dinitrophenol	9.96	184	106855	62.70	nq	89
54) Dibenzofuran	10.10	168	733378	43.23	nq	100
55) 4-Nitrophenol	10.02	139	209971	63.65	nq	89
56) 2,4-Dinitrotoluene	10.09	165	186756	43.01	nq	91
57) Fluorene	10.44	166	580042	42.54	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	131575	44.35	nq	96
59) Diethylphthalate	10.31	149	601062	40.03	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	261528	42.70	nq	96
61) 4-Nitroaniline	10.47	138	160006	42.51	nq	88
62) Azobenzene	10.59	77	559123	40.49	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	79979	36.75	nq	# 74
65) n-Nitrosodiphenylamine	10.55	169	515163	41.58	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	152055	43.43	nq	98
67) Hexachlorobenzene	10.99	284	155271	41.53	nq	96
68) Atrazine	11.07	200	159439	42.77	nq	99
69) Pentachlorophenol	11.19	266	140552	60.40	nq	100
70) Phenanthrene	11.40	178	811109	42.37	nq	99
71) Anthracene	11.46	178	834008	42.58	nq	99
72) Carbazole	11.61	167	769526	40.12	nq	99
73) Di-n-butylphthalate	11.93	149	934169	40.46	nq	99
74) Fluoranthene	12.59	202	818720	42.23	nq	97
76) Benzidine	12.71	184	221814	28.18	nq	97
77) Pyrene	12.82	202	827881	51.02	nq	99
79) Butylbenzylphthalate	13.43	149	357971	46.94	nq	92
80) Benzo(a)anthracene	14.00	228	563151	43.70	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	122204	25.87	nq	99
82) Chrysene	14.04	228	528799	43.11	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	470178	44.78	nq	99
84) Di-n-octyl phthalate	14.59	149	630183	37.27	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	491843	50.12	nq	97
87) Benzo(b)fluoranthene	15.05	252	445719	42.88	nq	97
88) Benzo(k)fluoranthene	15.08	252	401087	39.07	nq	99
89) Benzo(a)pyrene	15.42	252	407204	42.68	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	408907	53.55	nq	98
91) Benzo(g,h,i)perylene	17.42	276	438313	58.07	nq	98

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

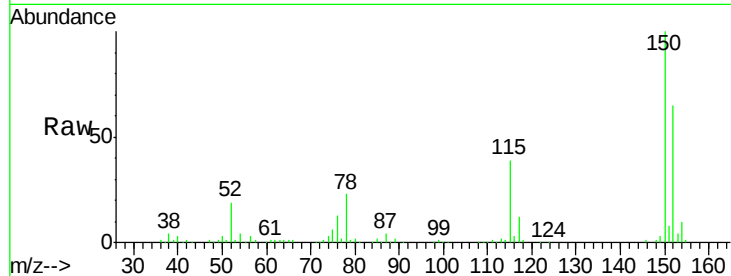


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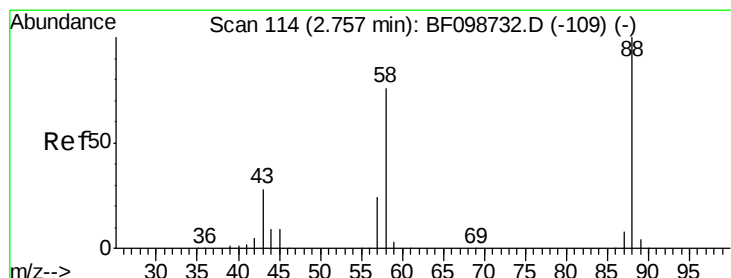
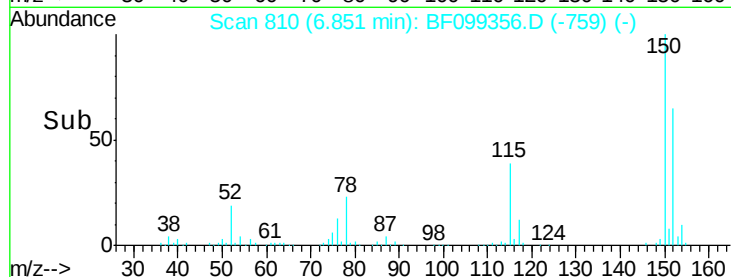
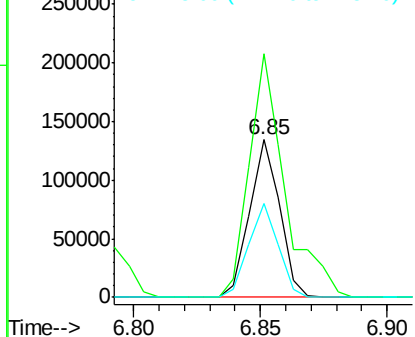
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111095
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.6 50.1 75.1



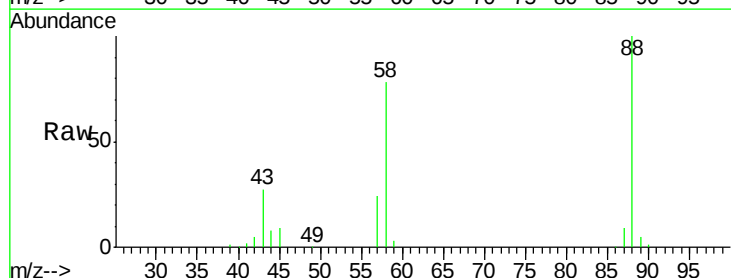
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



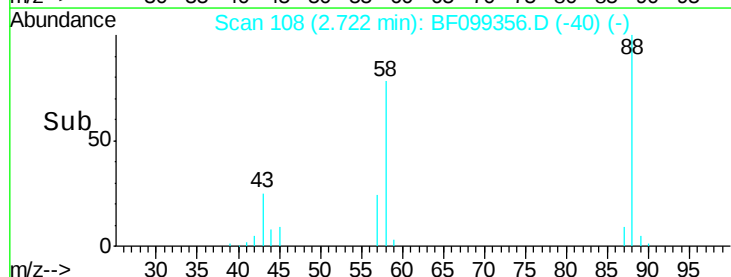
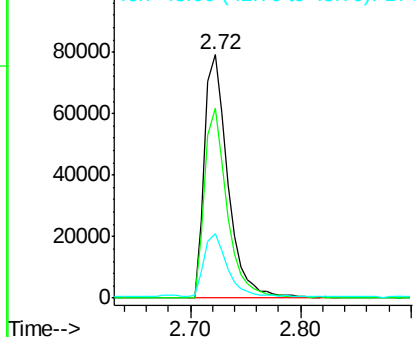
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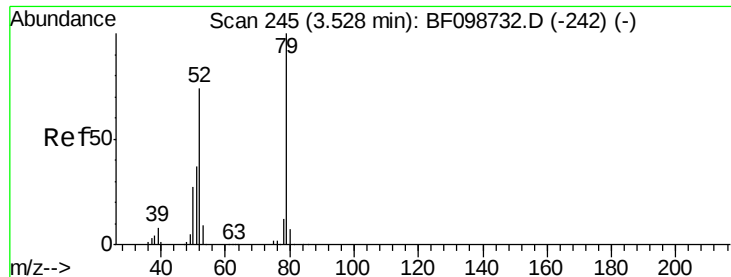
1,4-Dioxane
Concen: 34.18 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion: 88 Resp: 113937
Ion Ratio Lower Upper
88 100
58 76.0 62.6 93.8
43 25.3 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: 35.22 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

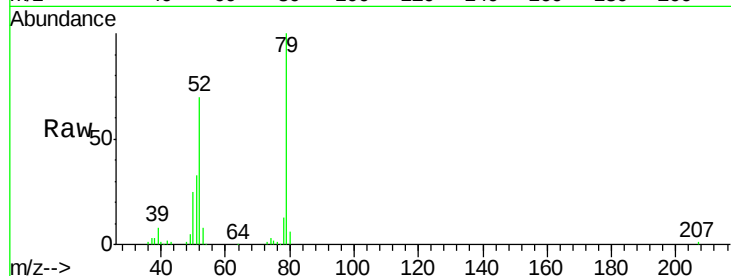
Tot Ion: 79 Resp: 317656

Ion Ratio Lower Upper

79 100

52 70.3 59.8 89.6

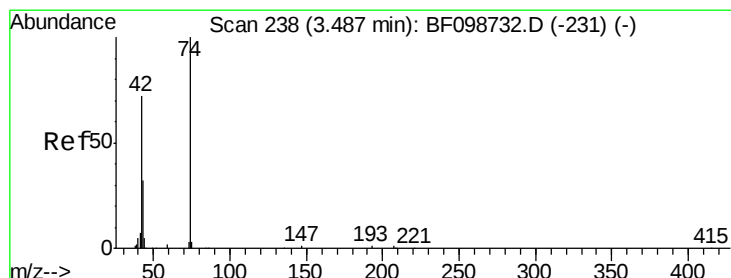
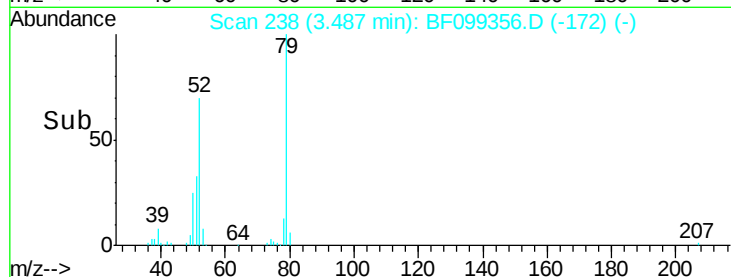
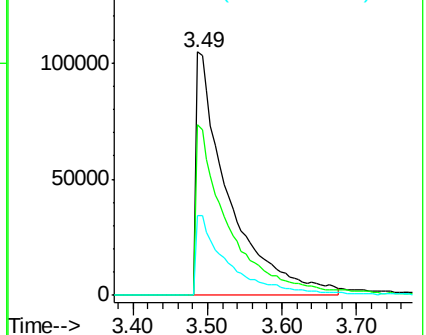
51 32.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.27 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

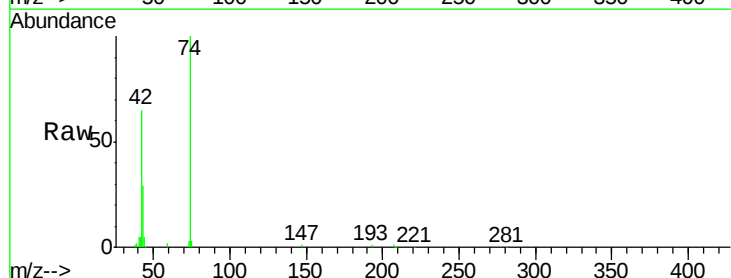
Tgt Ion: 42 Resp: 127247

Ion Ratio Lower Upper

42 100

74 154.0 104.9 157.3

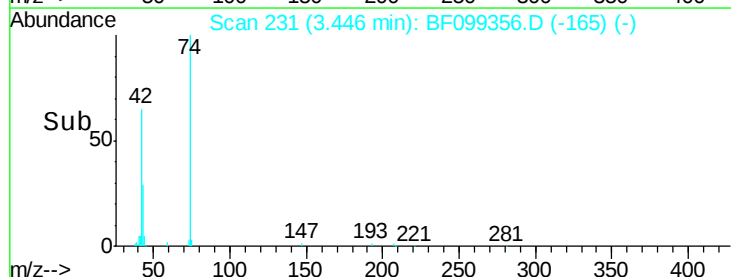
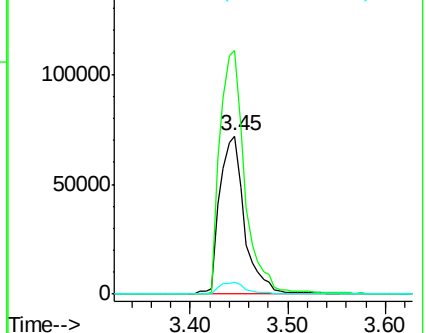
44 7.8 6.9 10.3

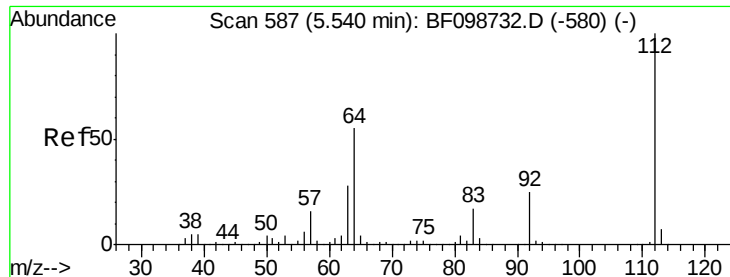


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.32 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099356.D

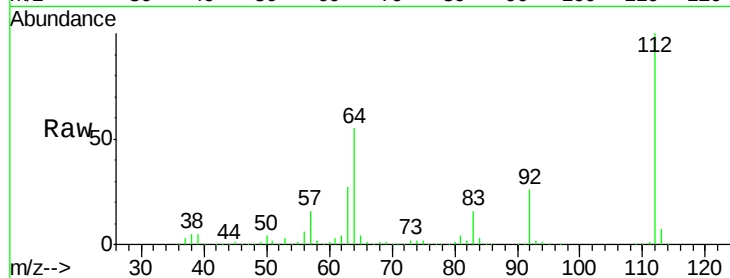
Acq: 11 Oct 2017 20:39

Instrument :

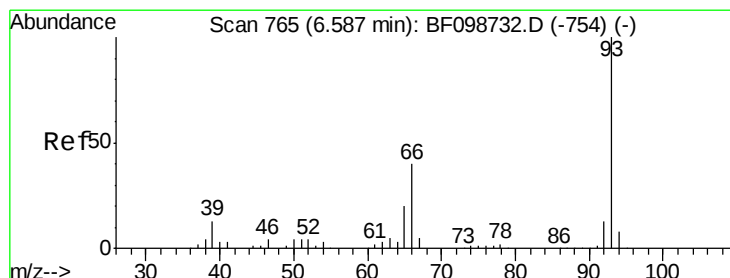
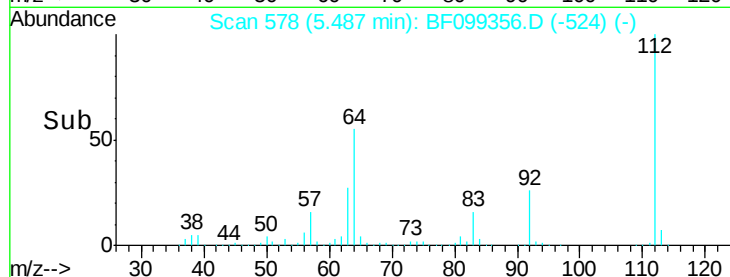
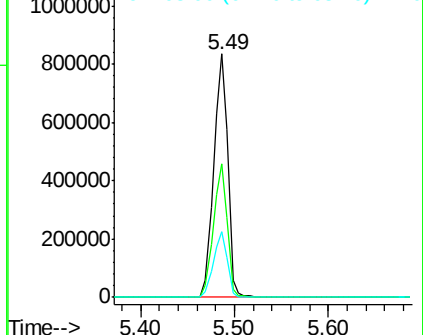
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	888520
Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 26.90 ng

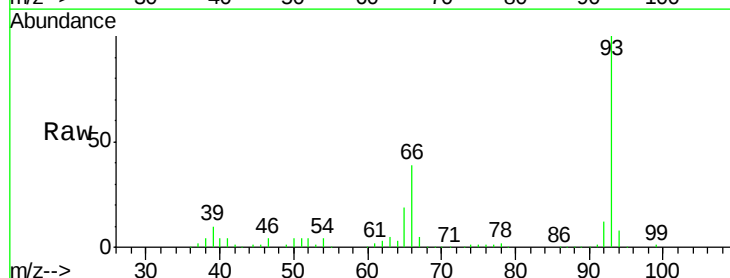
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

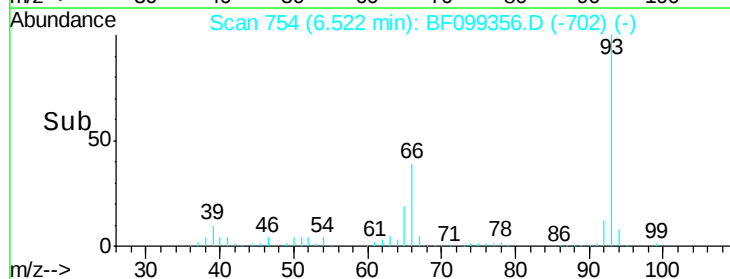
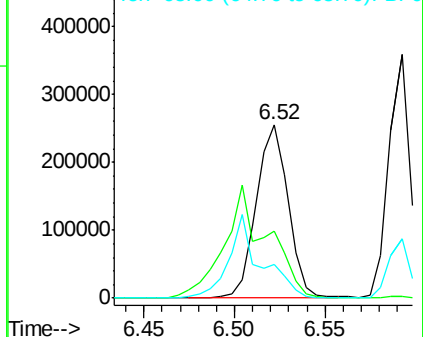
Lab File: BF099356.D

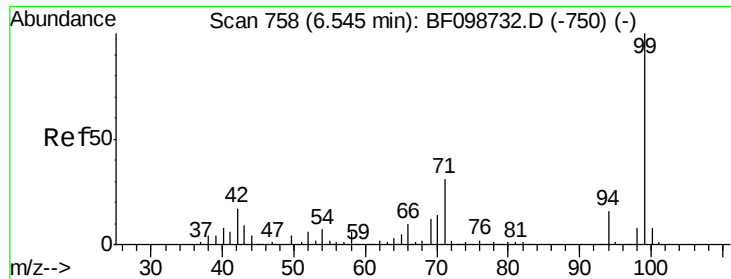
Acq: 11 Oct 2017 20:39

Tgt Ion:	93	Resp:	312502
Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.2	48.2
65	19.4	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 123.77 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampled :

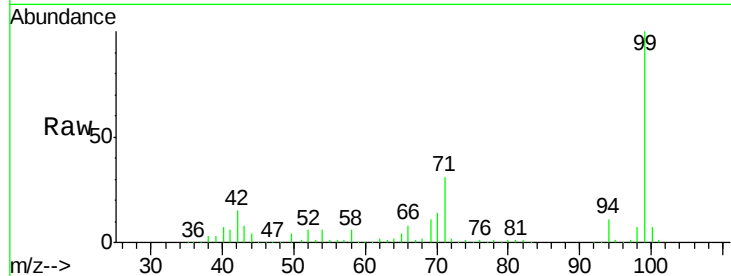
Tot Ion: 99 Resp: 1065554

Ion Ratio Lower Upper

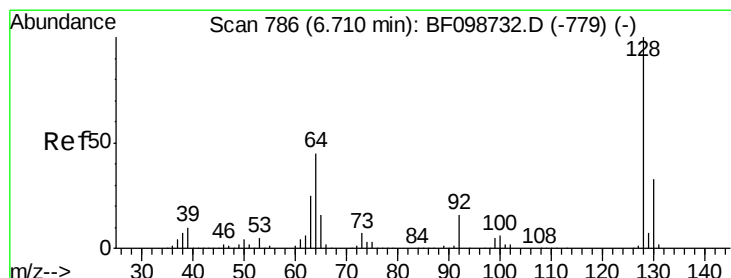
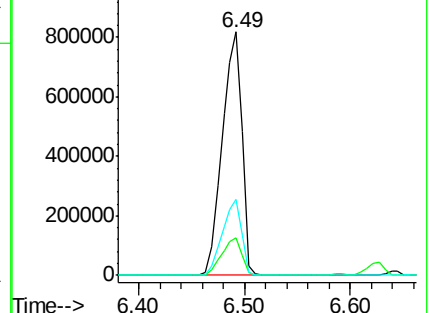
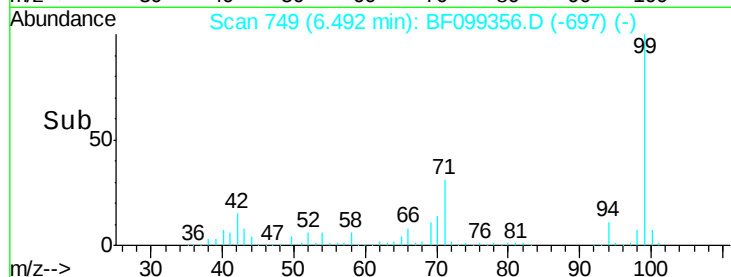
99 100

42 15.3 14.5 21.7

71 31.2 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: 39.70 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

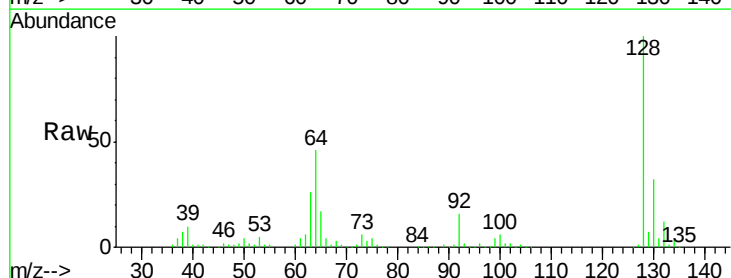
Tgt Ion: 128 Resp: 313758

Ion Ratio Lower Upper

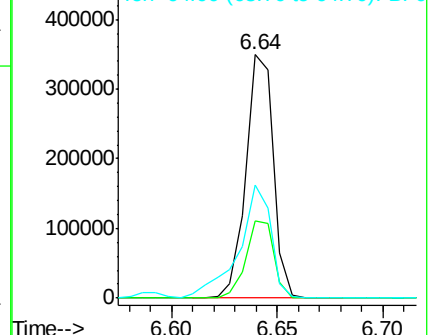
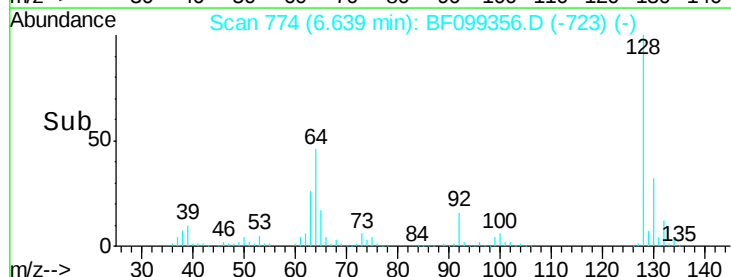
128 100

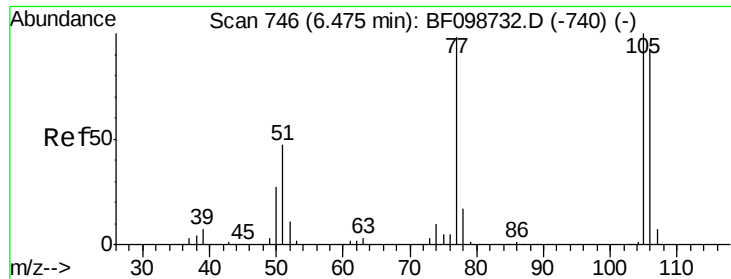
130 31.8 13.0 53.0

64 46.5 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

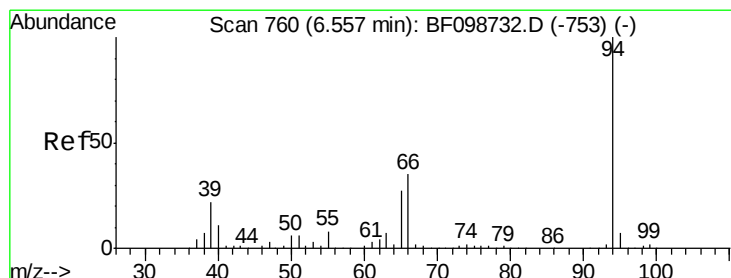
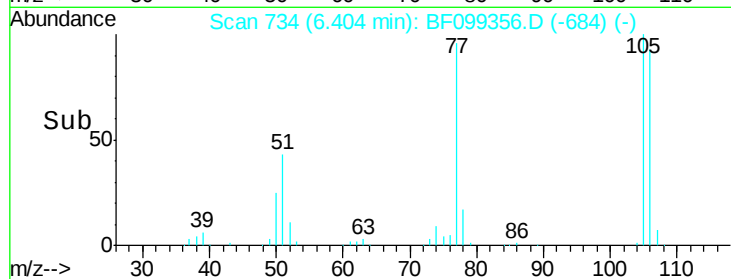
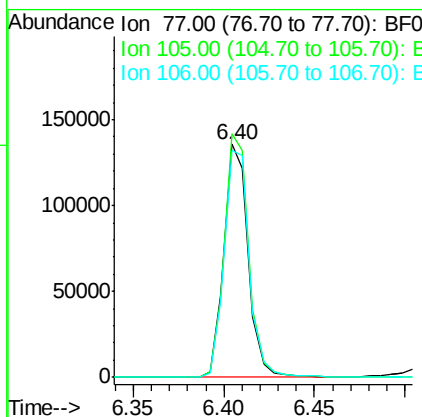
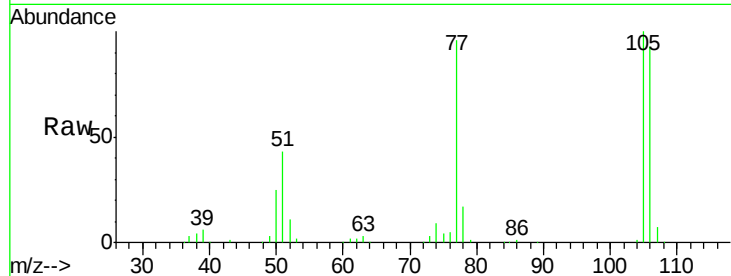




#9
Benzaldehyde
Concen: 25.30 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

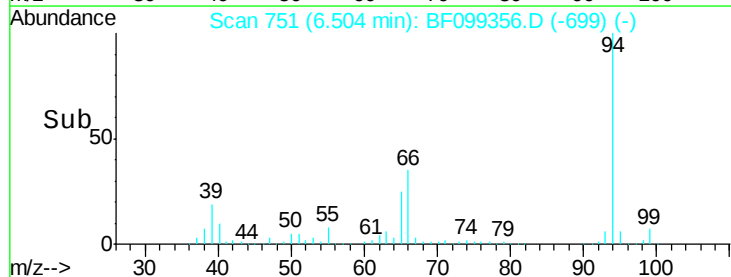
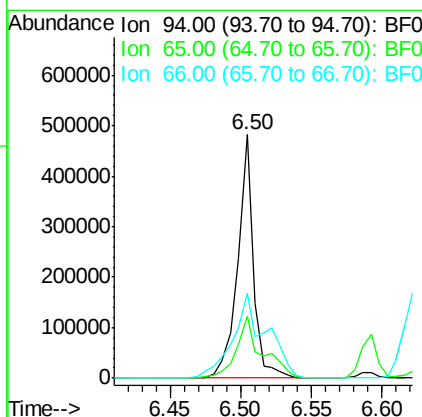
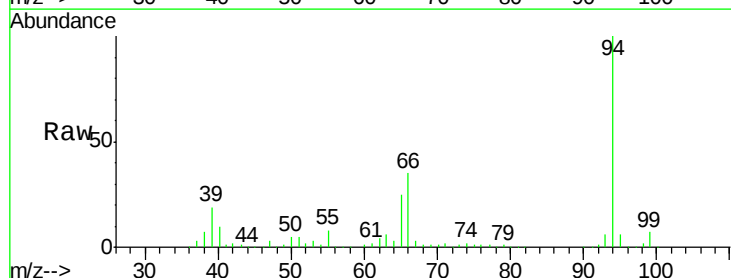
Instrument :
BNA_F
ClientSampleId :

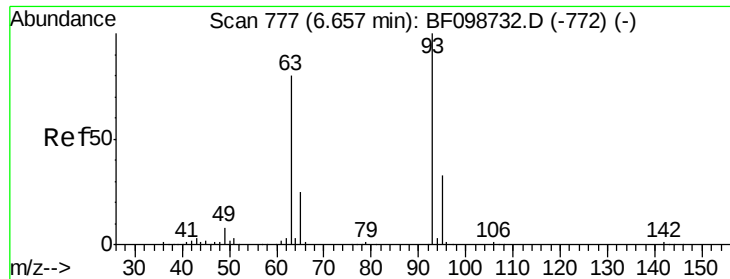
Tot Ion: 77 Resp: 126370
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 97.6 74.5 114.5



#10
Phenol
Concen: 39.28 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion: 94 Resp: 378155
Ion Ratio Lower Upper
94 100
65 25.4 7.9 47.9
66 34.7 16.2 56.2

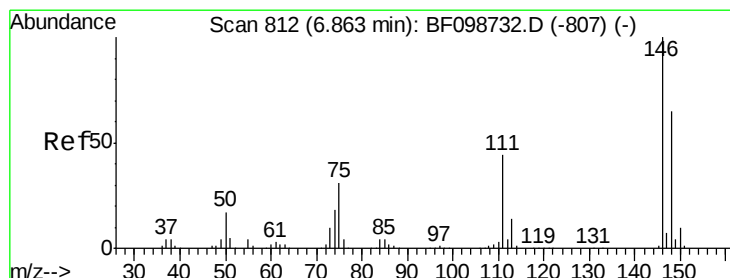
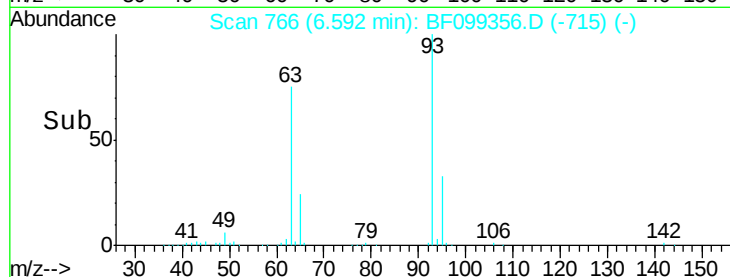
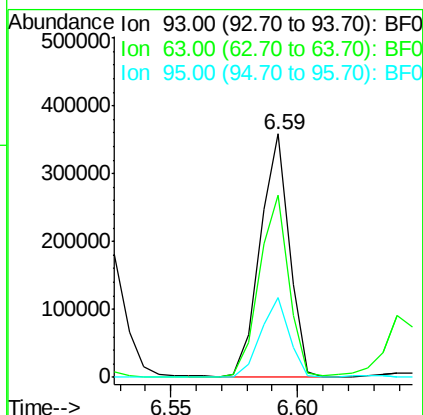
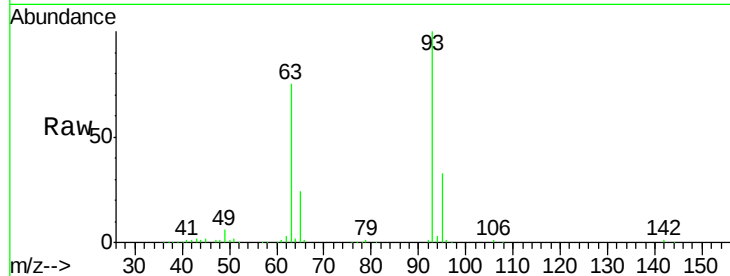




#11
bis(2-Chloroethyl)ether
Concen: 38.45 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

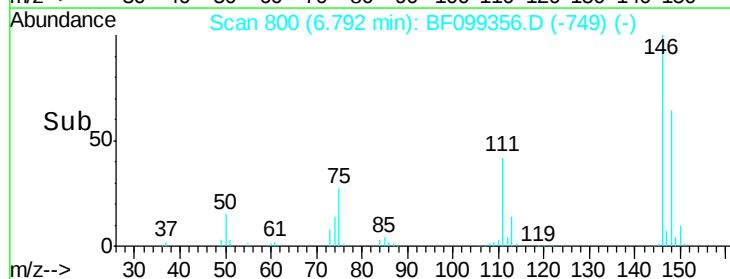
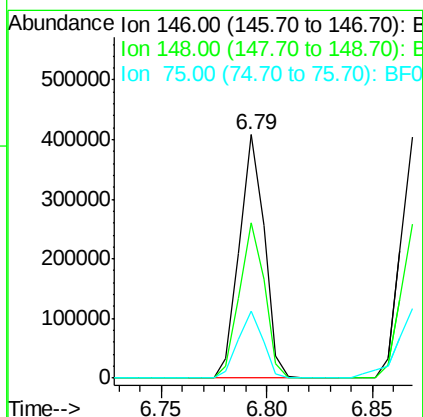
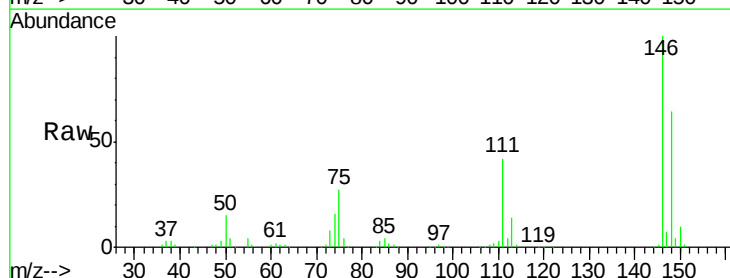
Instrument :
BNA_F
ClientSampleId :

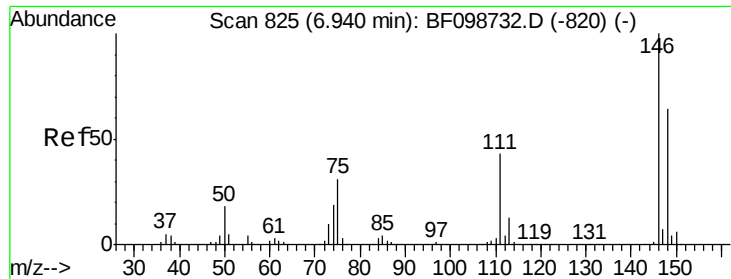
Tot Ion: 93 Resp: 287808
Ion Ratio Lower Upper
93 100
63 75.1 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.41 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion: 146 Resp: 334437
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 27.3 24.2 36.4

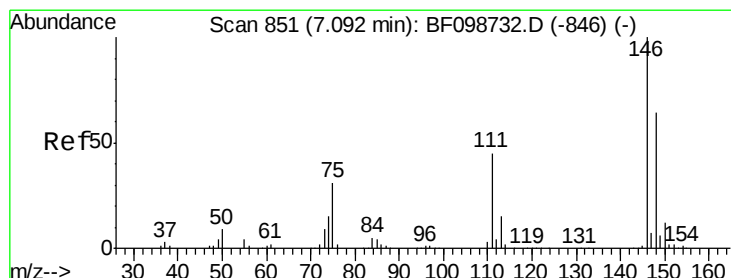
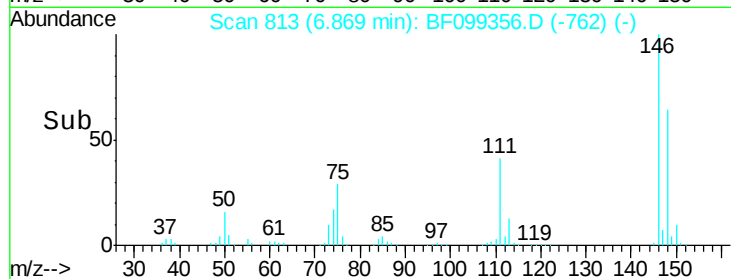
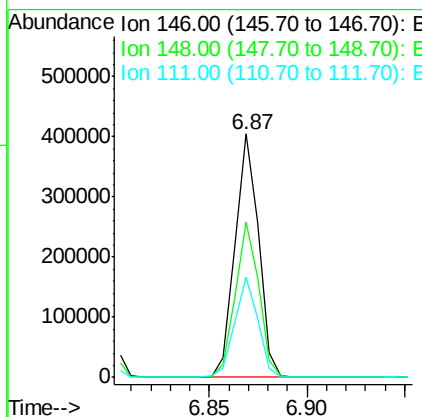
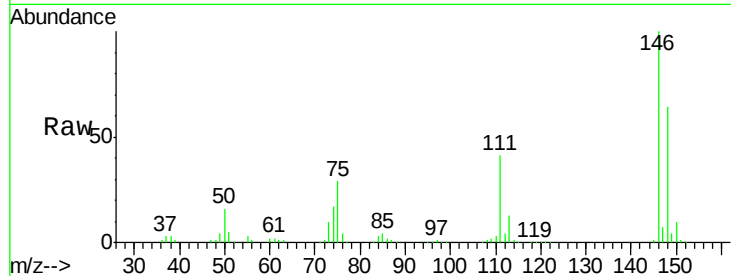




#13
 1,4-Dichlorobenzene
 Concen: 40.20 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

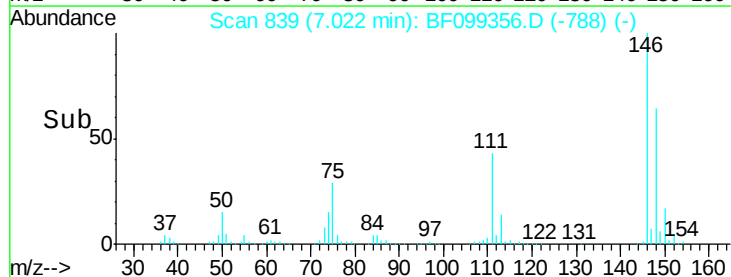
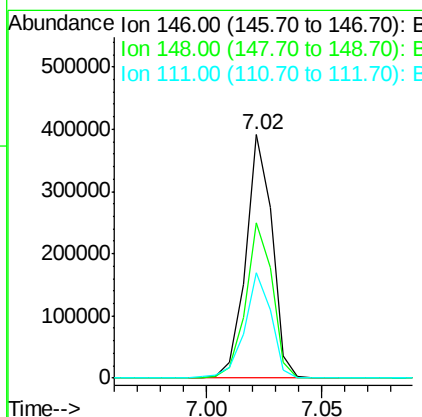
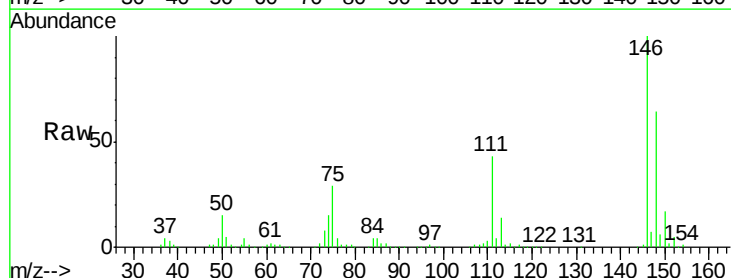
Instrument :
 BNA_F
 ClientSampleId :

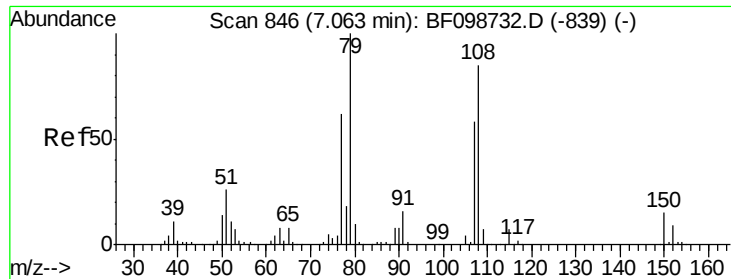
Tot Ion:146 Resp: 338543
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion:146 Resp: 311259
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 43.0 36.0 54.0

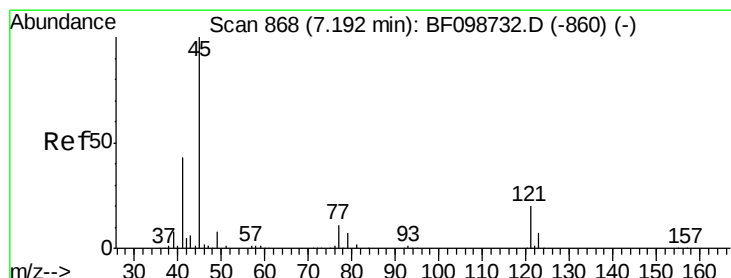
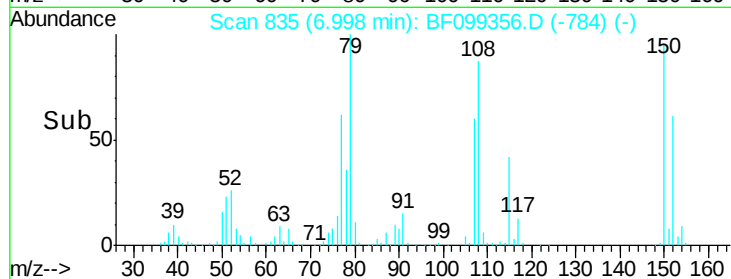
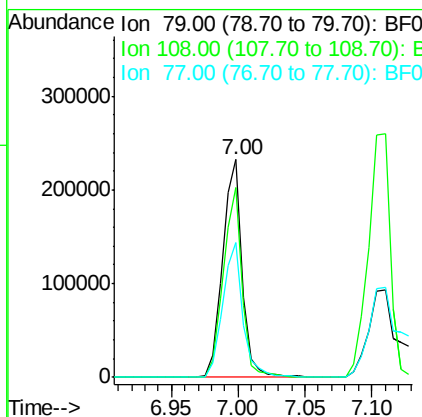
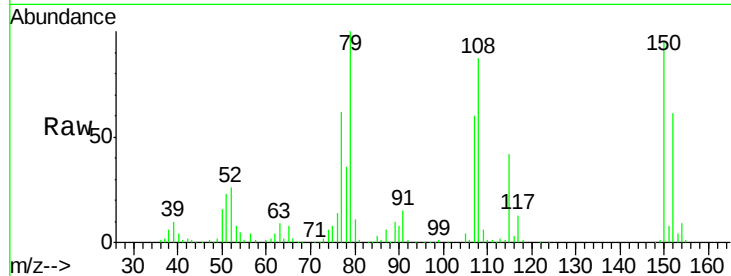




#15
Benzyl Alcohol
Concen: 38.08 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

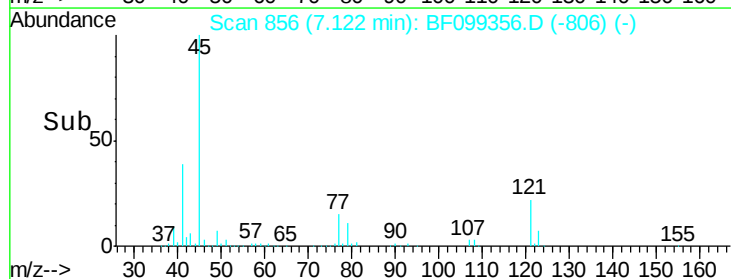
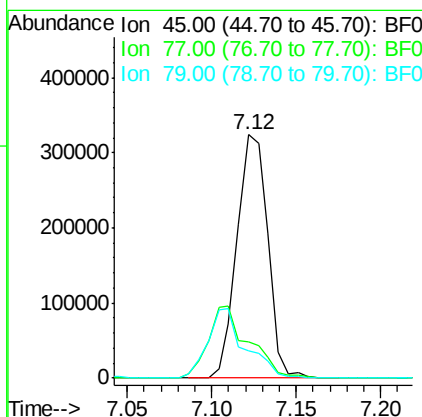
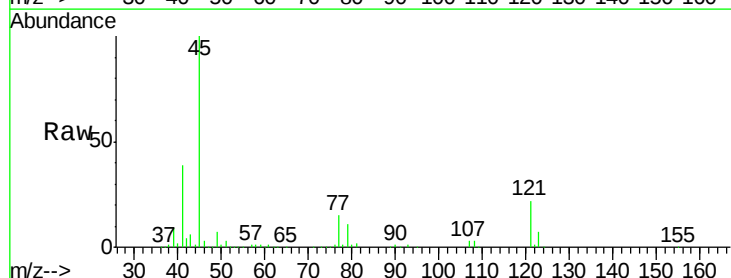
Instrument :
BNA_F
ClientSampleId :

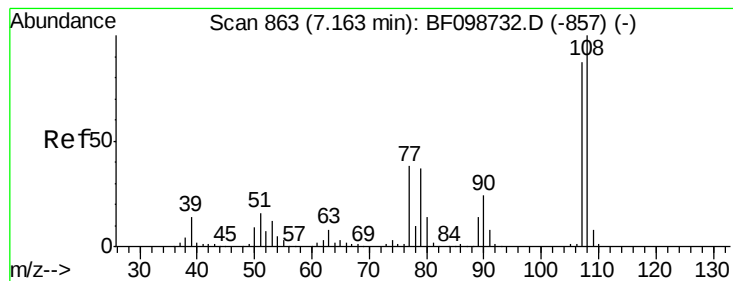
Tot Ion: 79 Resp: 240524
Ion Ratio Lower Upper
79 100
108 87.2 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.44 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion: 45 Resp: 413243
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.9
79 11.3 0.0 29.6

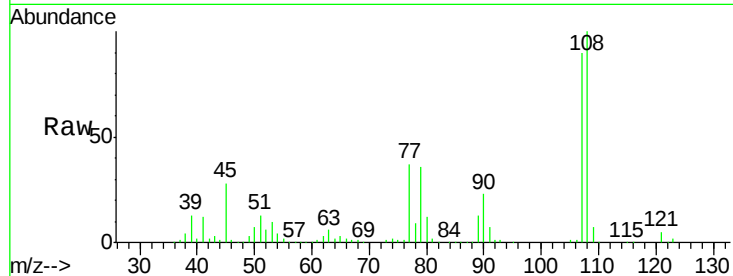




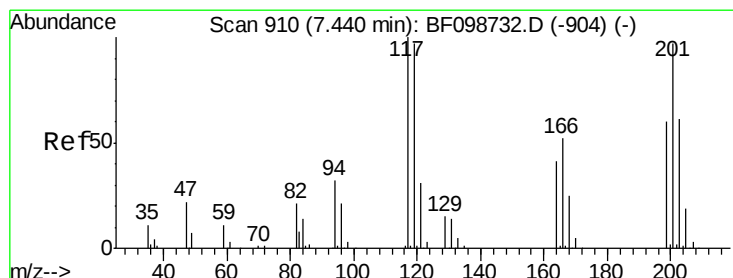
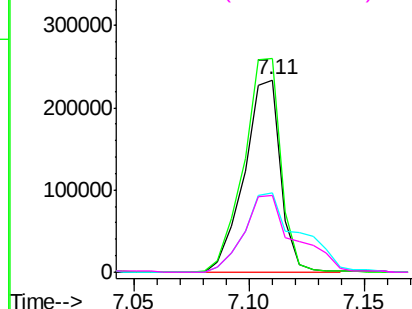
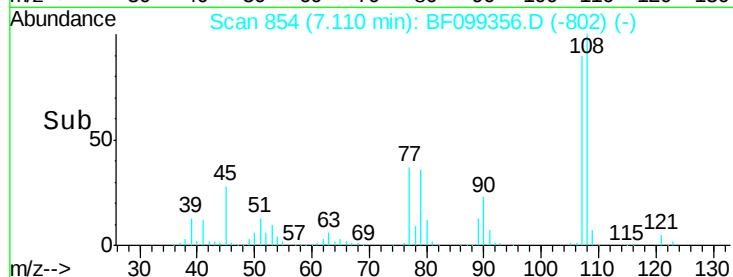
#17
2-Methylphenol
Concen: 39.89 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 257972
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 41.1 33.8 50.8
79 39.7 33.8 50.8

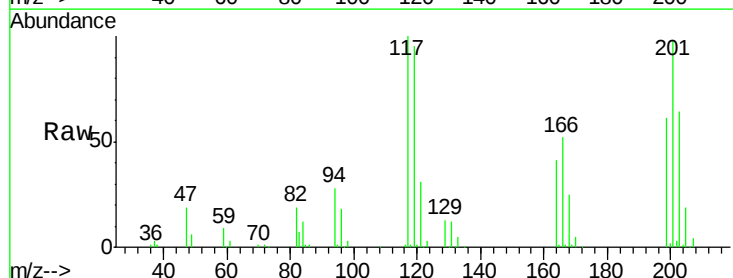


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

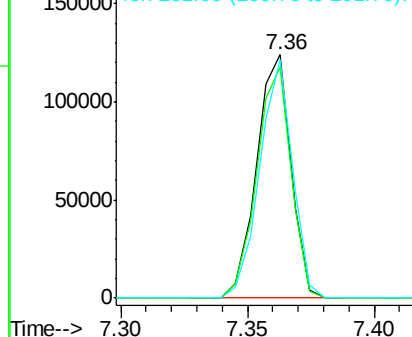
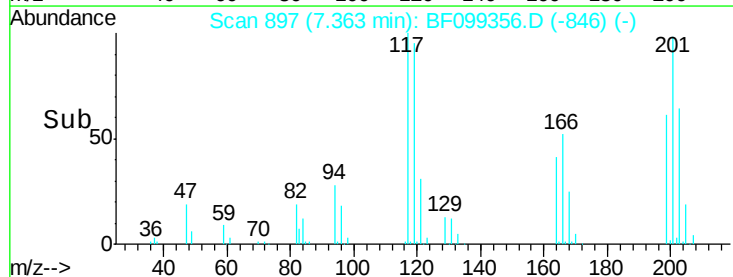


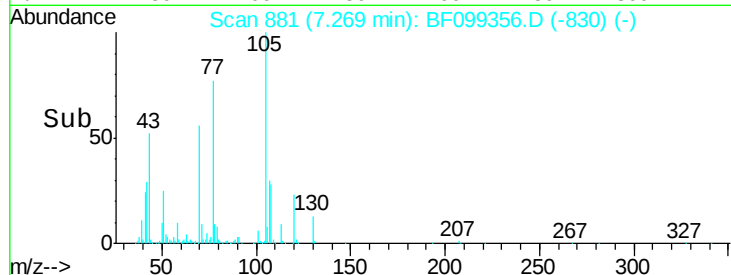
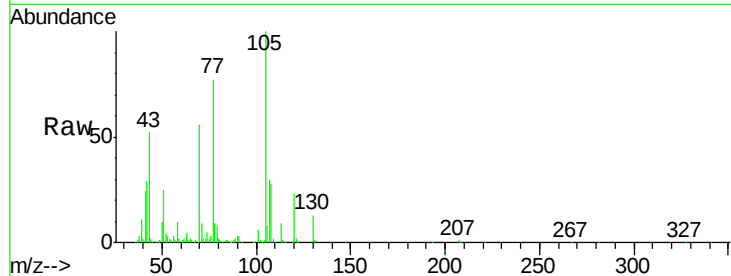
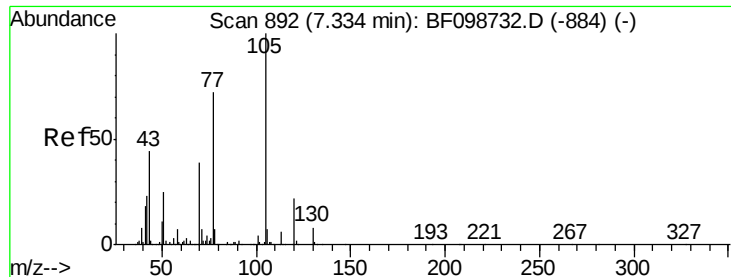
#18
Hexachloroethane
Concen: 38.88 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:117 Resp: 117698
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 98.2 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

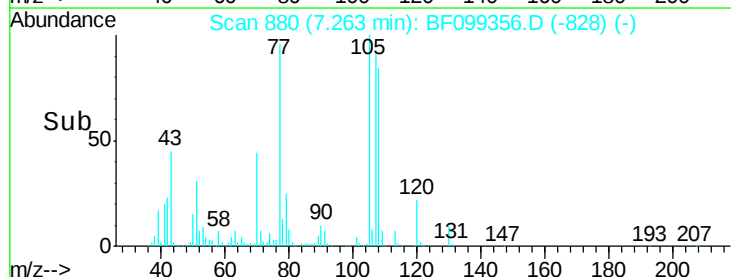
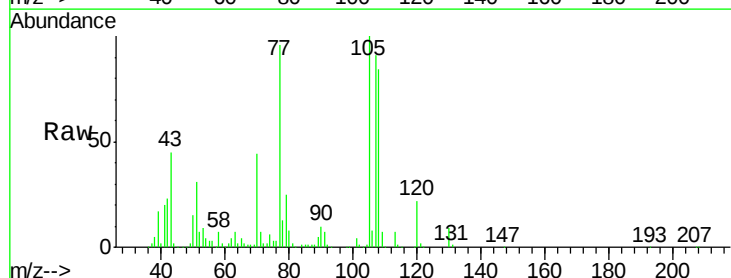
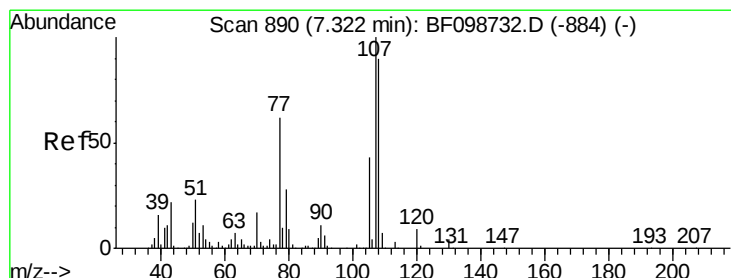
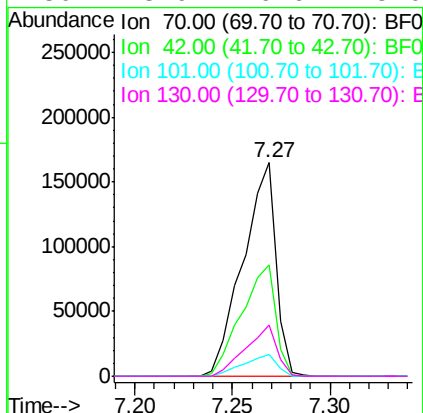




#19
n-Nitroso-di-n-propylamine
Concen: 35.20 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

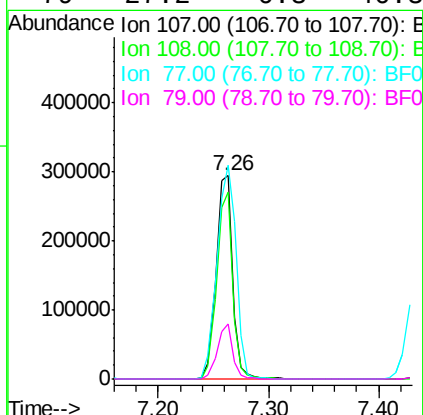
Instrument :
BNA_F
ClientSampled :

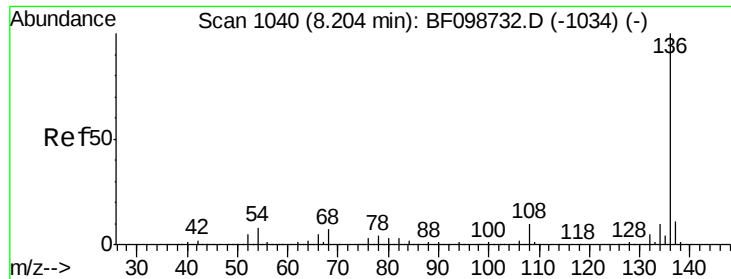
Tot Ion	70	Resp	193500
Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	10.5	7.4	11.2
130	23.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.59 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion	107	Resp	307526
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	105.1	26.7	66.7#
79	27.2	6.3	46.3

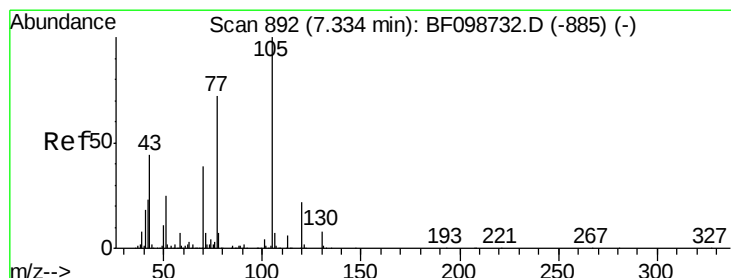
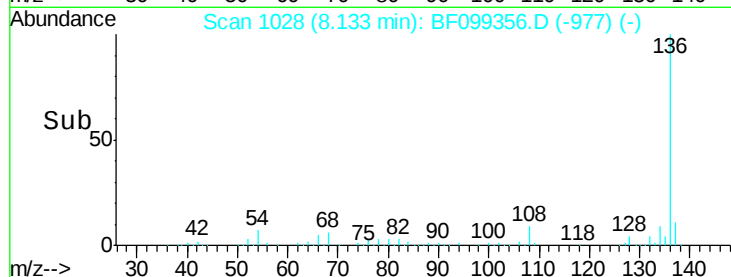
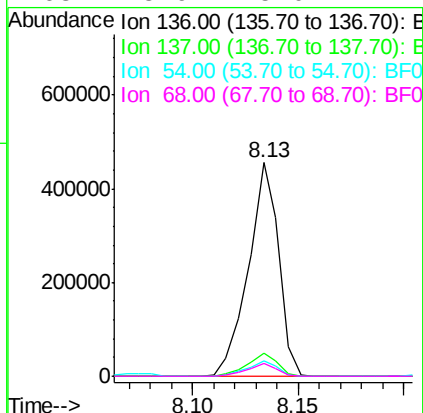
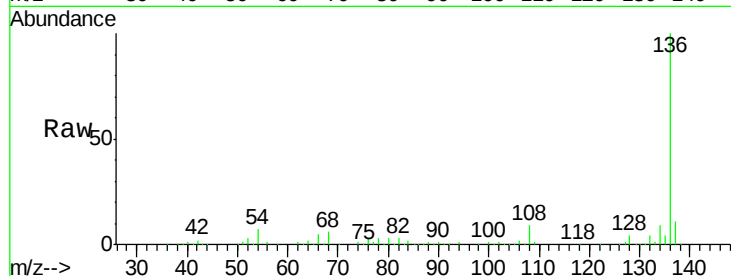




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

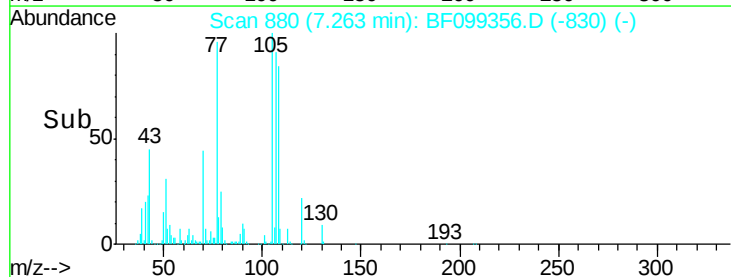
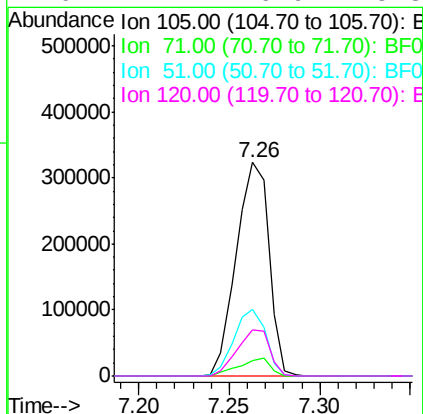
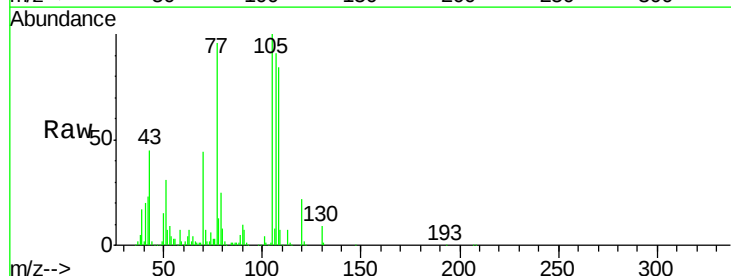
Instrument :
BNA_F
ClientSampleId :

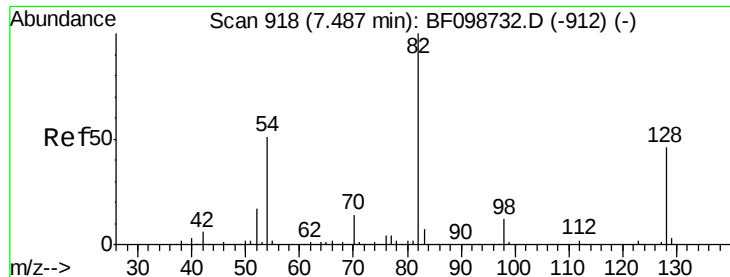
Tot Ion:136	Resp:	453992
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.9	6.6 9.8
68	5.9	5.0 7.4



#22
Acetophenone
Concen: 36.91 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:105	Resp:	405939
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	31.2	22.3 33.5
120	21.7	16.9 25.3

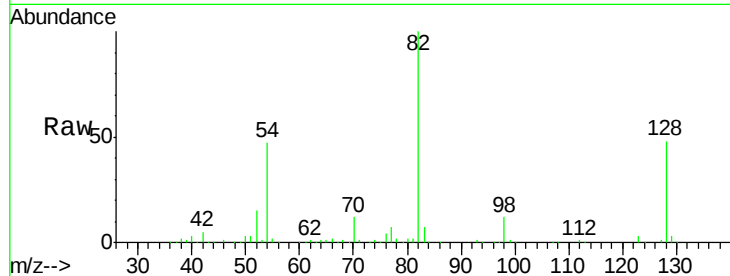




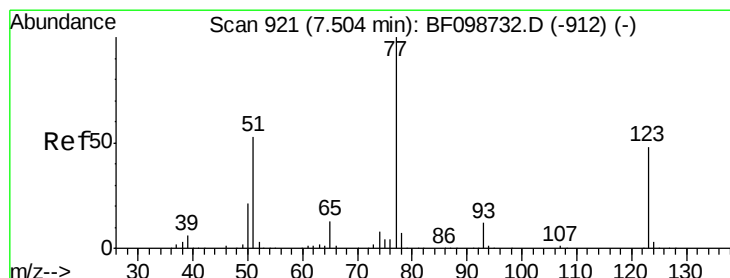
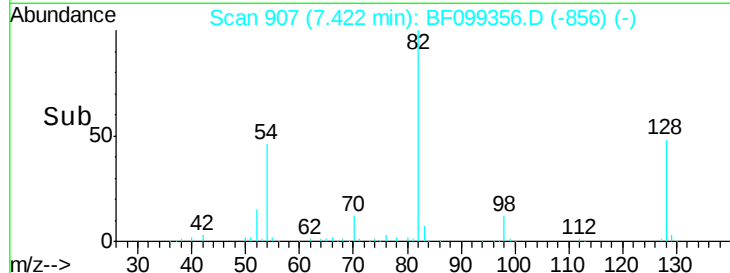
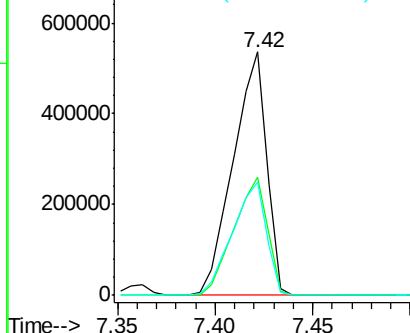
#23
Nitrobenzene-d5
Concen: 90.07 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 637620
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 46.5 41.4 62.2

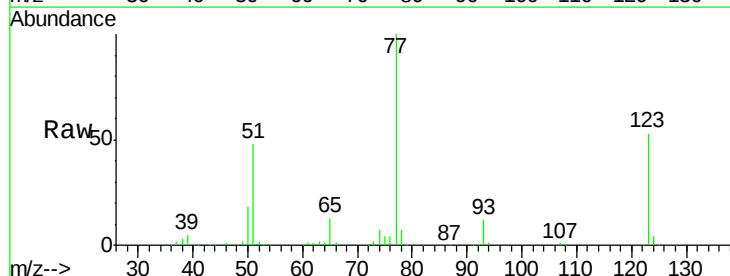


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

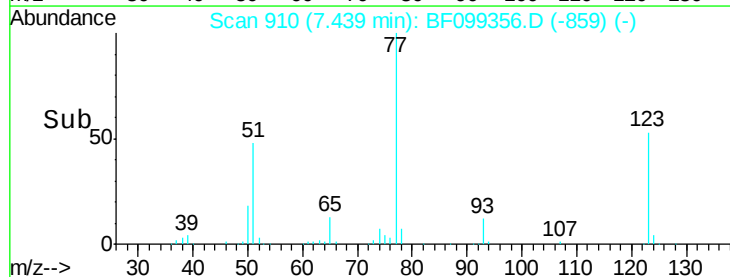
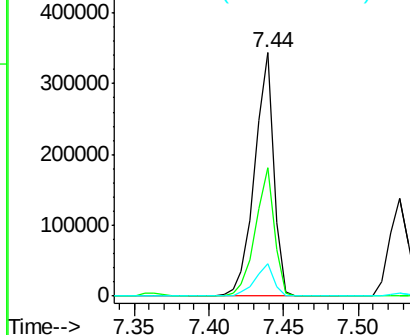


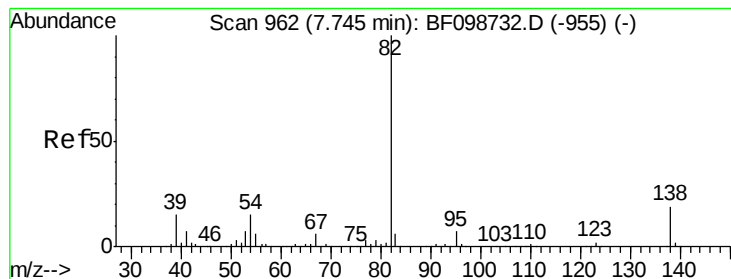
#24
Nitrobenzene
Concen: 37.74 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion: 77 Resp: 303088
Ion Ratio Lower Upper
77 100
123 52.8 37.9 56.9
65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 38.81 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

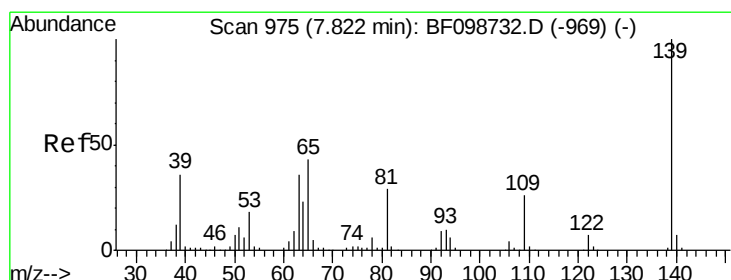
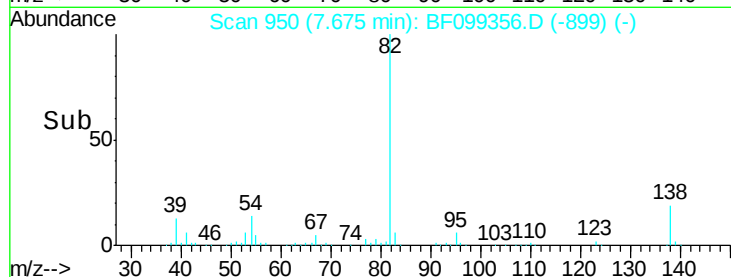
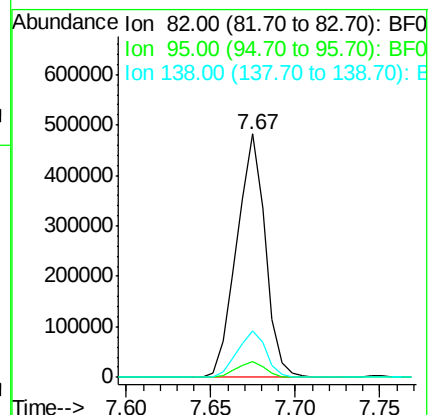
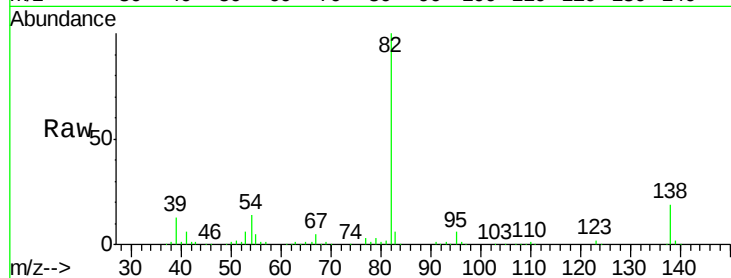
Tot Ion: 82 Resp: 567966

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 45.58 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

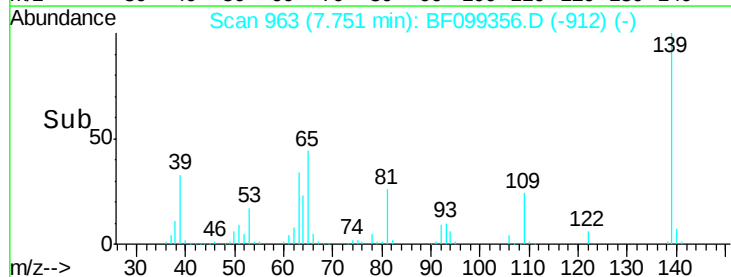
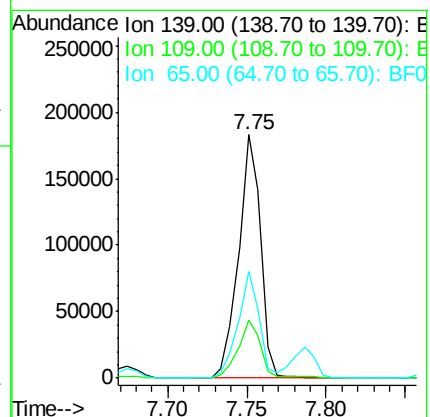
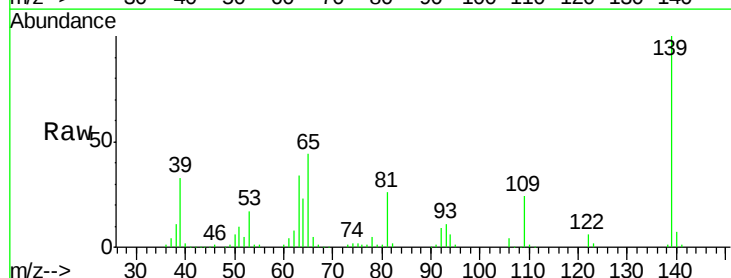
Tgt Ion: 139 Resp: 175999

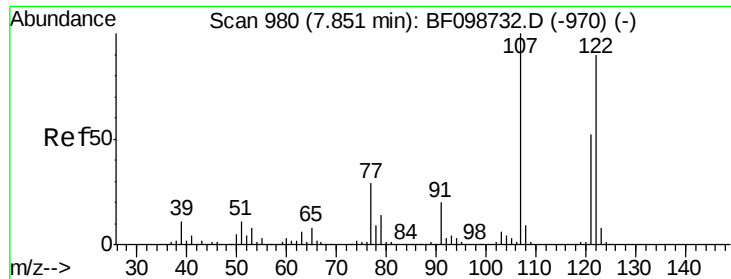
Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

65 43.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.47 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

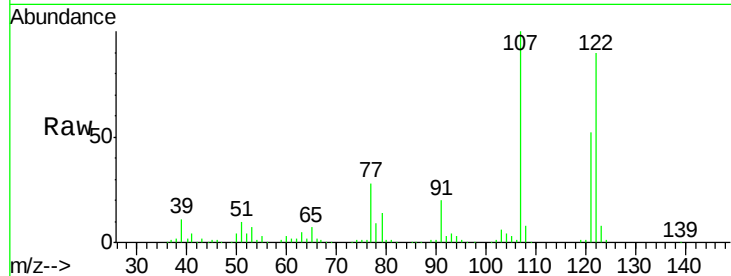
Tot Ion:122 Resp: 287822

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

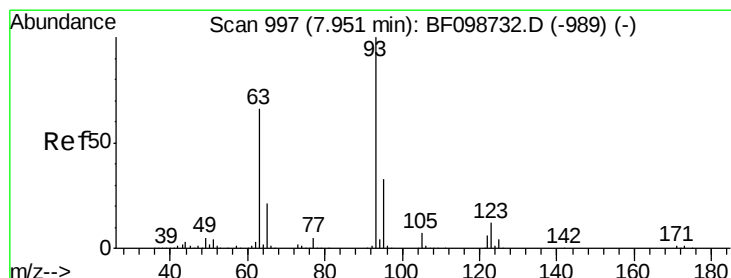
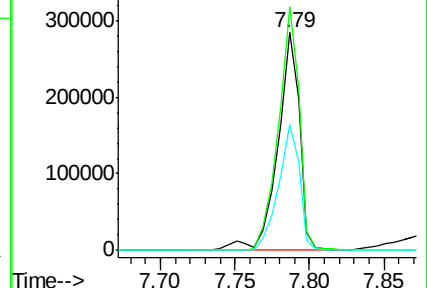
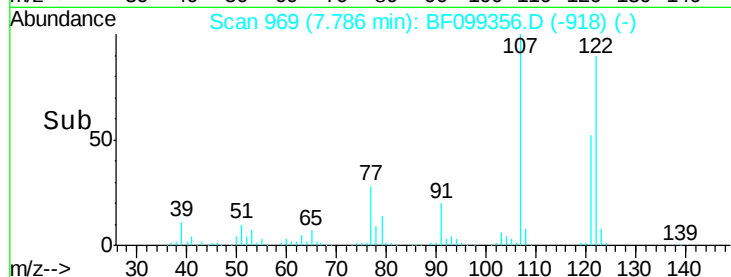
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.16 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

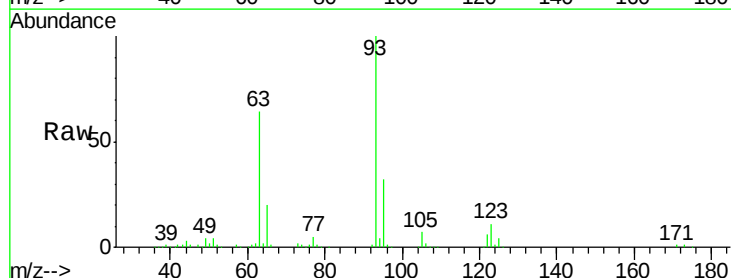
Tgt Ion: 93 Resp: 366333

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

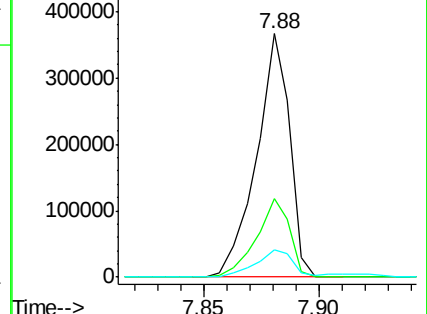
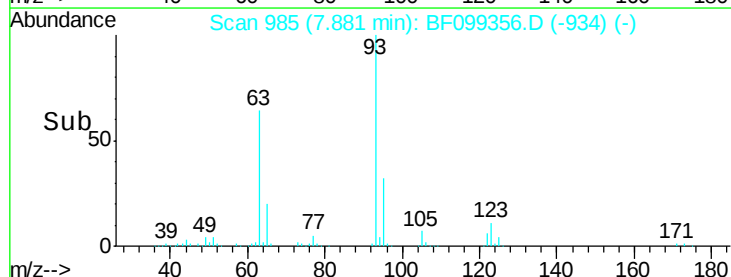
123 11.2 9.8 14.6

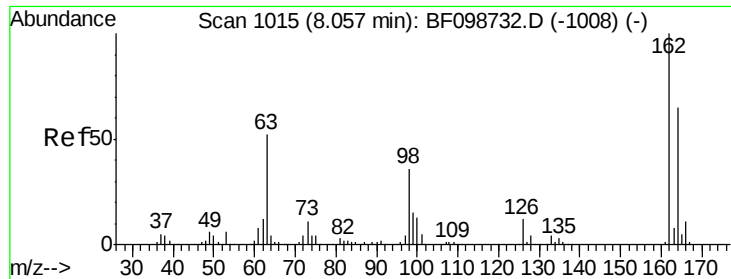


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

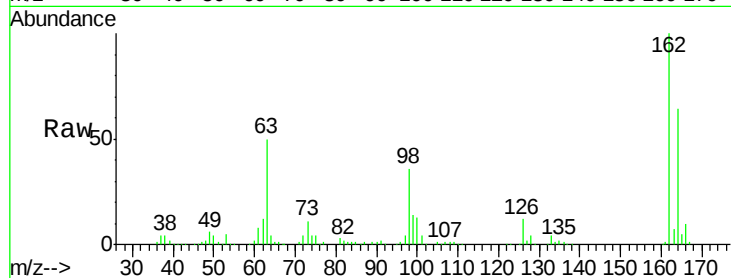




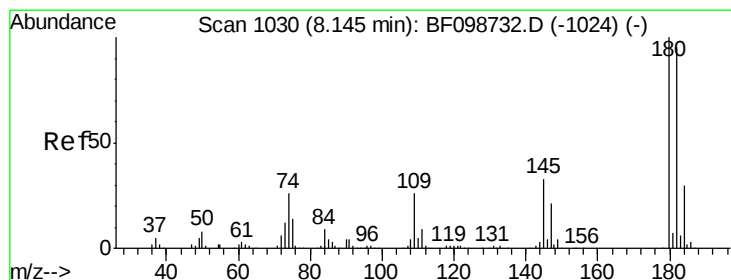
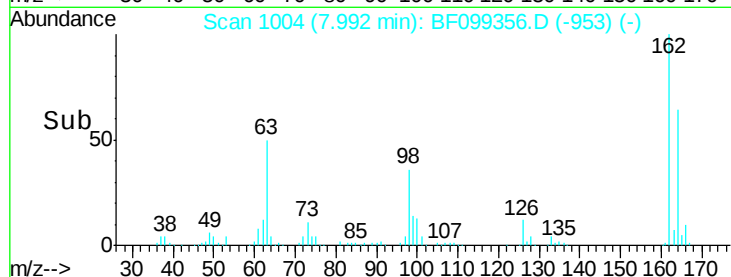
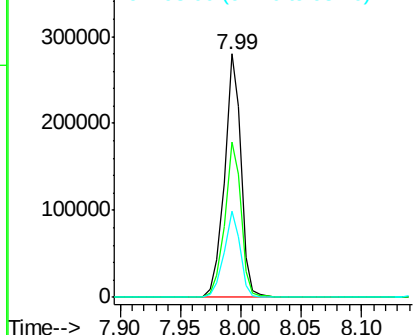
#29
 2,4-Dichlorophenol
 Concen: 42.32 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	35.6	18.1	58.1

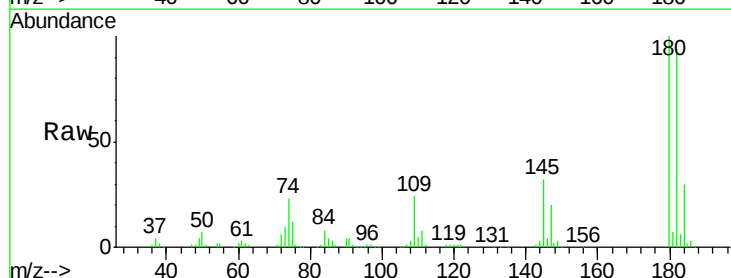


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

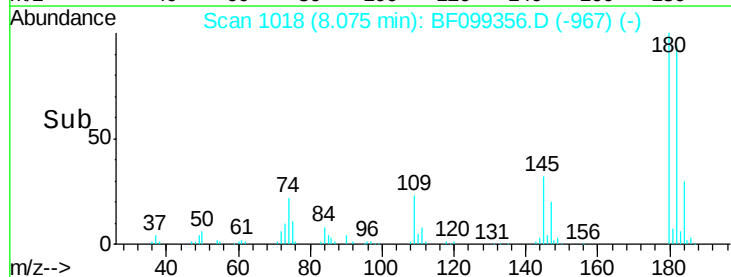
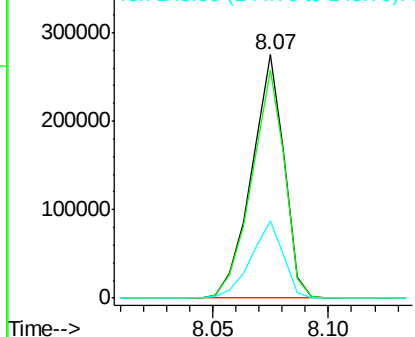


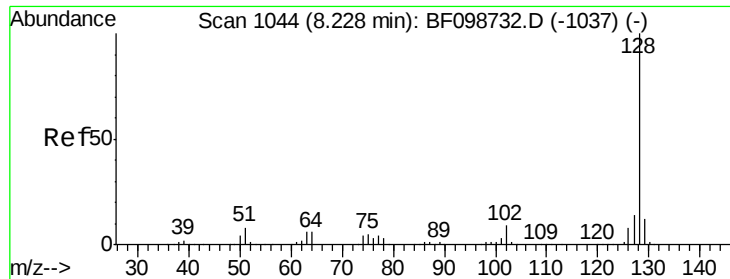
#30
 1,2,4-Trichlorobenzene
 Concen: 42.91 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	31.6	26.5	39.7



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

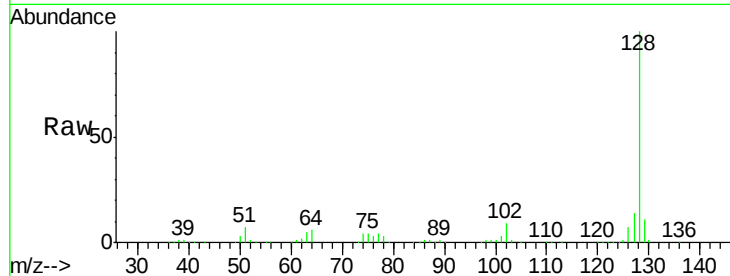




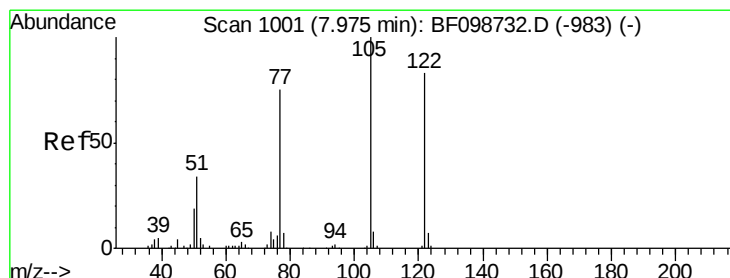
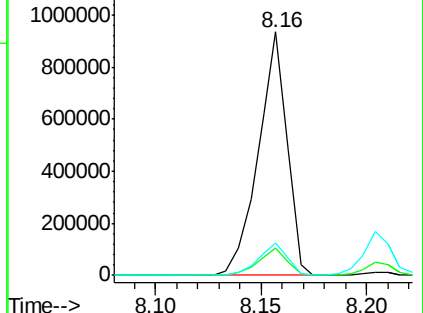
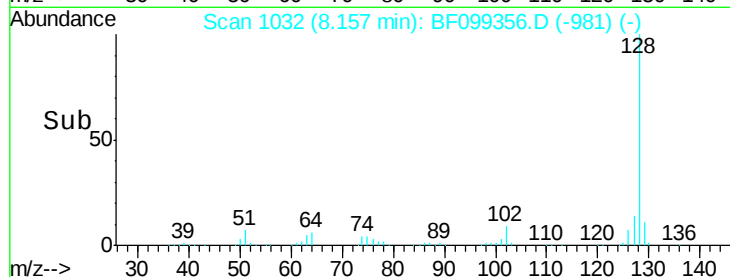
#31
Naphthalene
Concen: 41.27 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 879925
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3

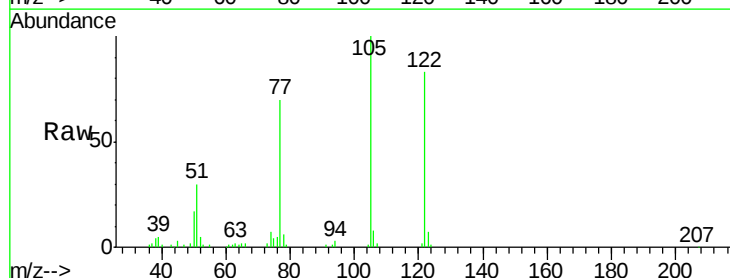


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

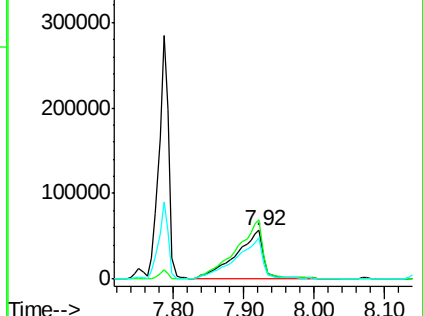
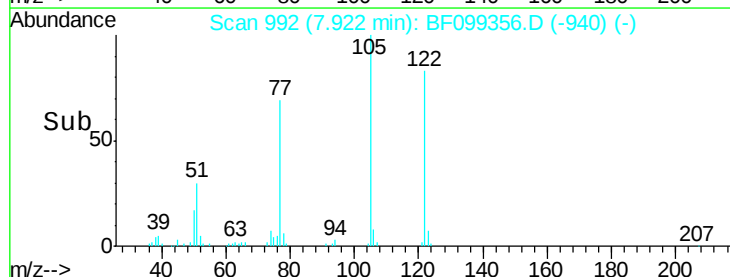


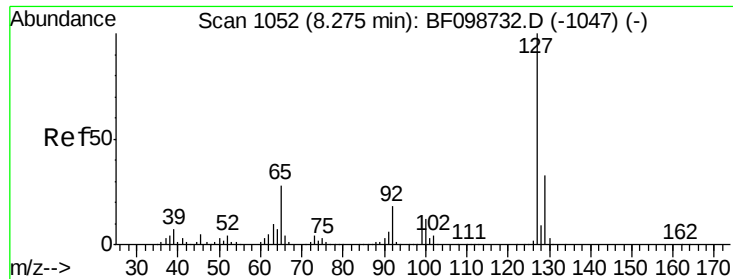
#32
Benzoic acid
Concen: 26.14 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:122 Resp: 156564
Ion Ratio Lower Upper
122 100
105 121.1 101.1 141.1
77 84.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

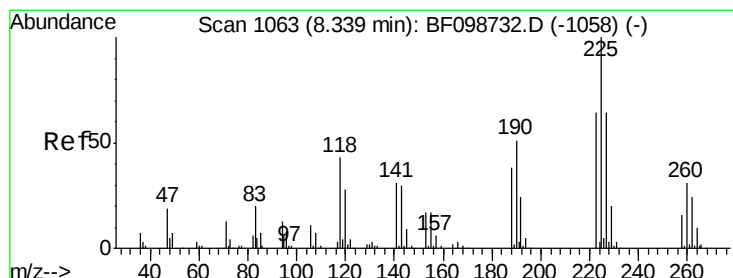
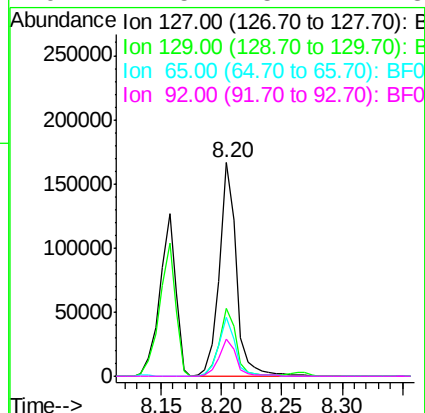
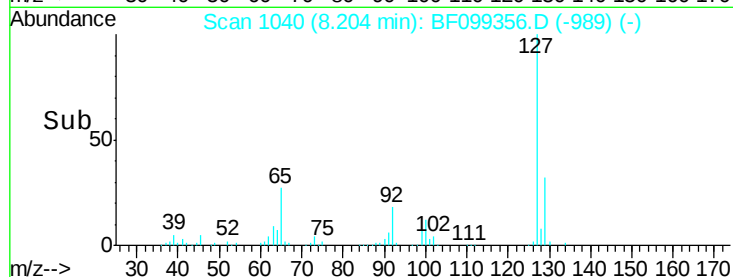
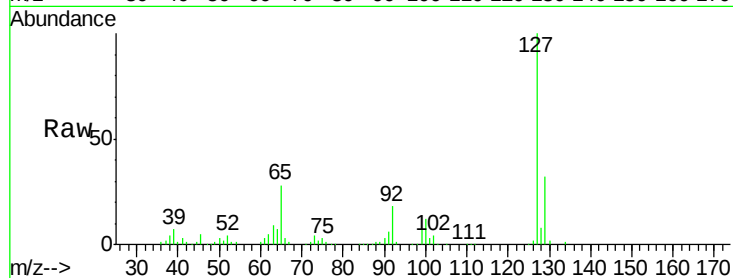




#33
4-Chloroaniline
Concen: 17.96 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

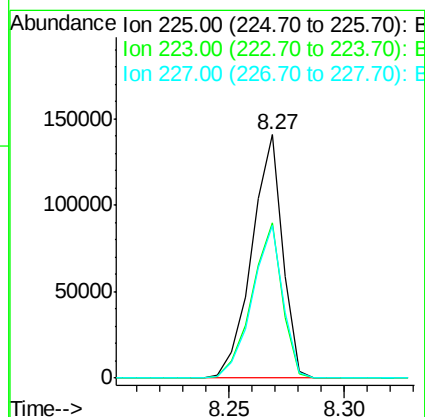
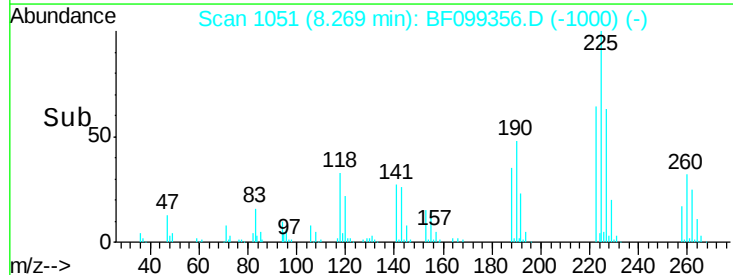
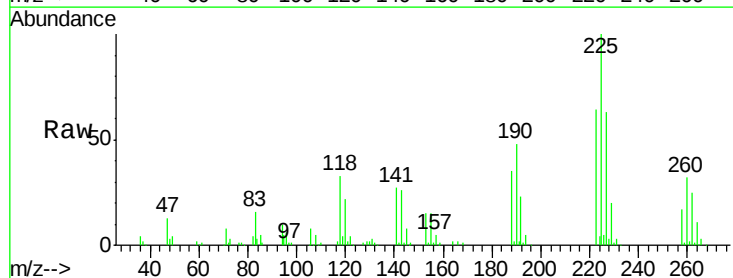
Instrument :
BNA_F
ClientSampled :

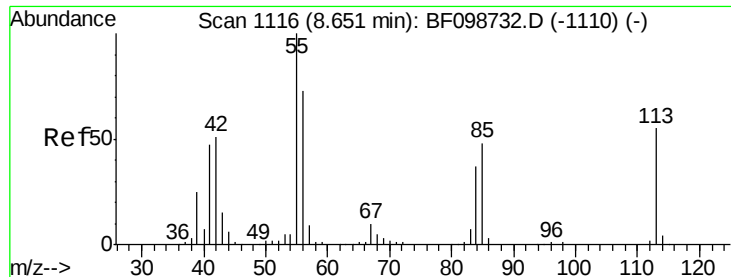
Tot Ion:	127	Resp:	159881
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	27.6	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.71 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:	225	Resp:	131312
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	62.7	51.9	77.9

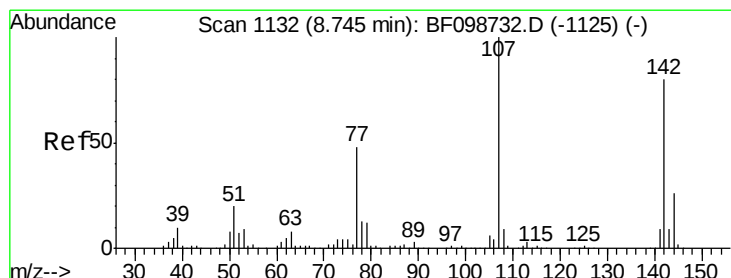
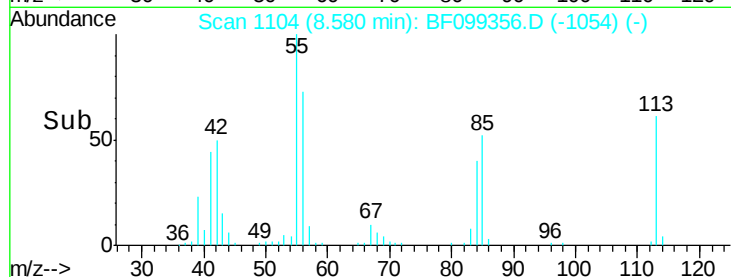
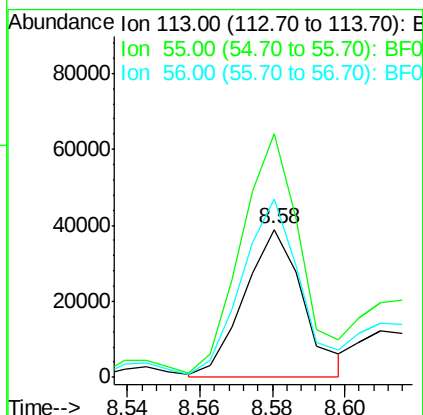
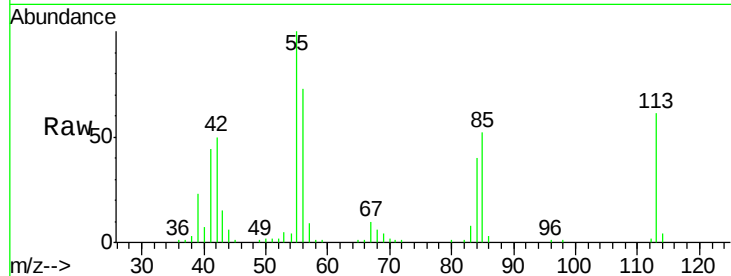




#35
 Caprolactam
 Concen: 21.89 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

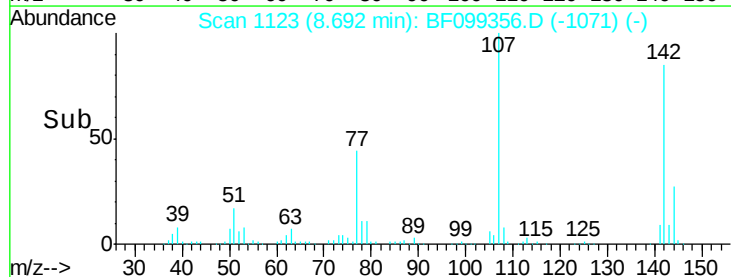
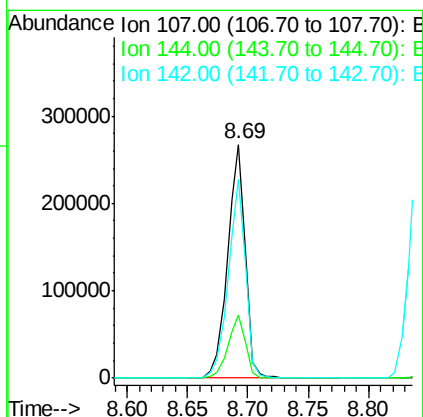
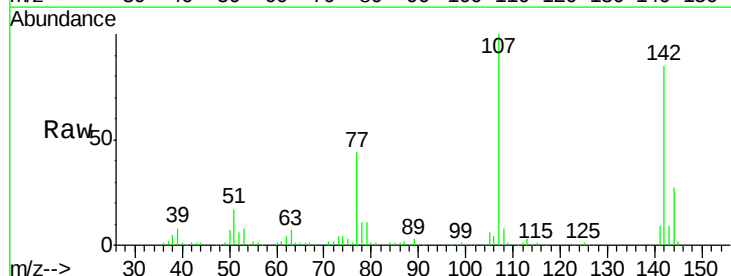
Instrument :
 BNA_F
 ClientSampled :

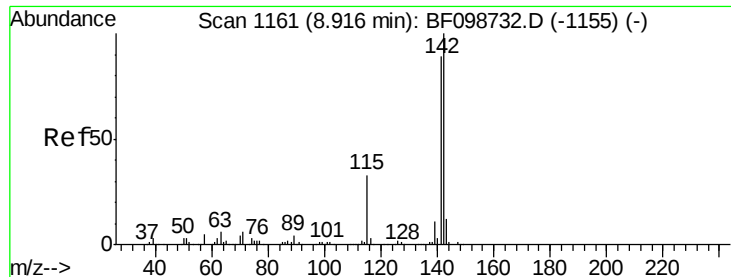
Tot Ion:113 Resp: 43969
 Ion Ratio Lower Upper
 113 100
 55 164.3 163.3 203.3
 56 120.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.35 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion:107 Resp: 269902
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 85.2 62.0 93.0

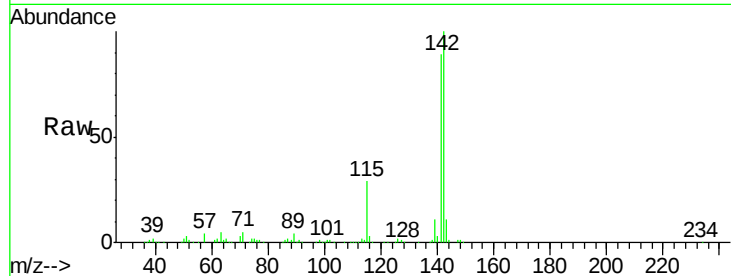




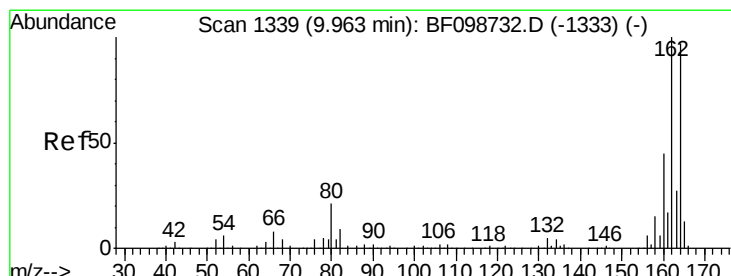
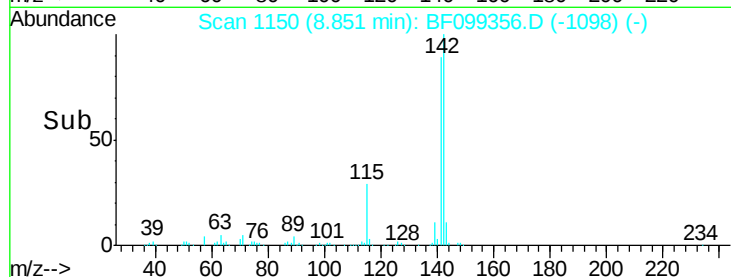
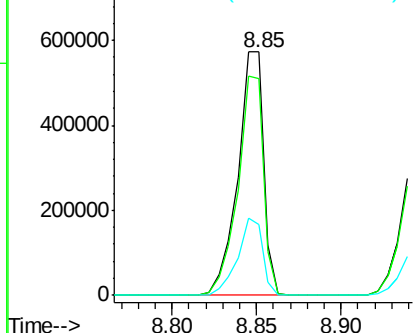
#37
2-Methylnaphthalene
Concen: 44.08 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	29.3	26.1	39.1

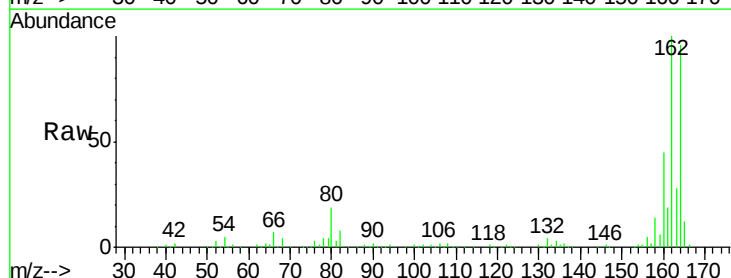


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

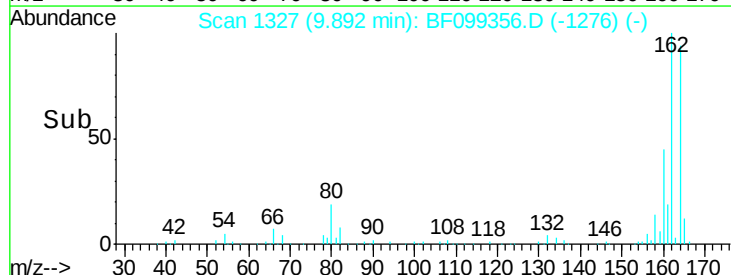
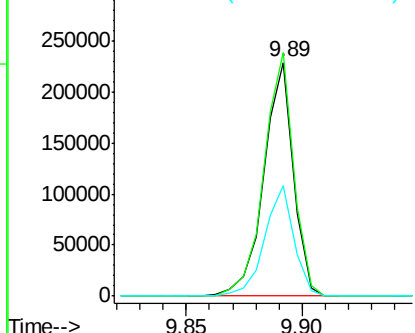


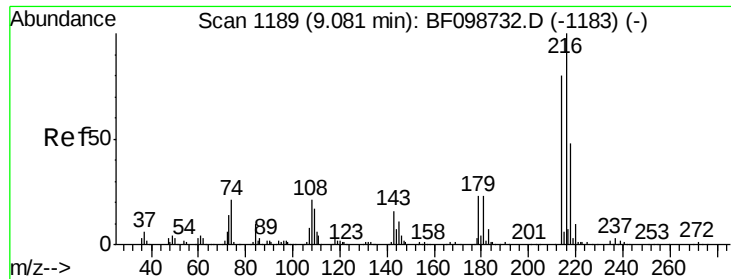
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

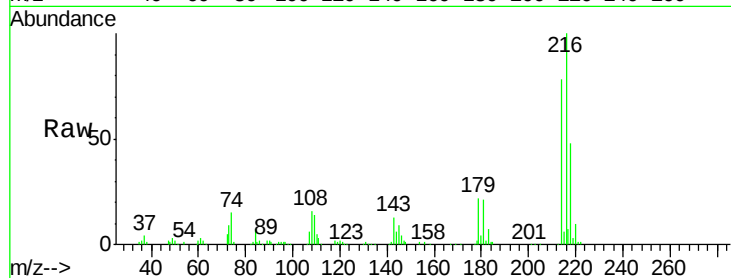




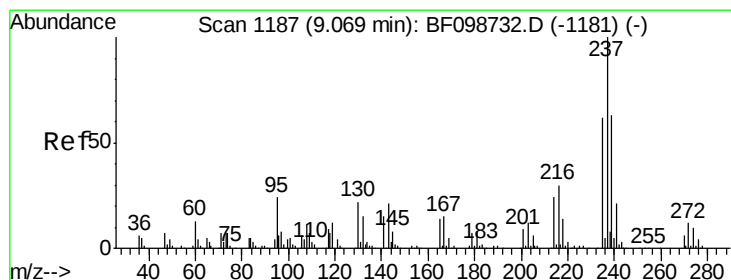
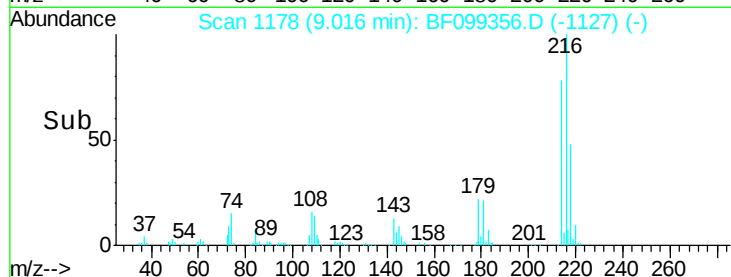
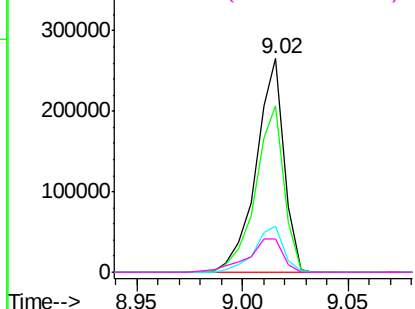
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.30 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	244720
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.0 94.4
179	22.2	18.1 27.1
108	19.7	17.2 25.8

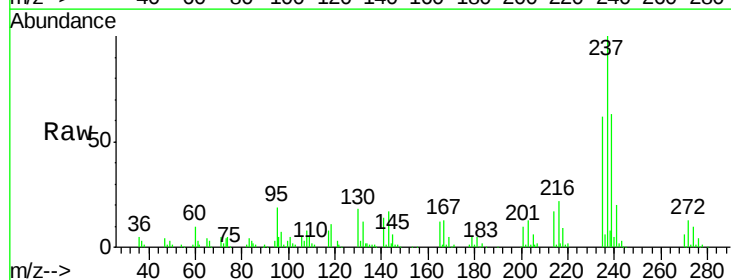


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

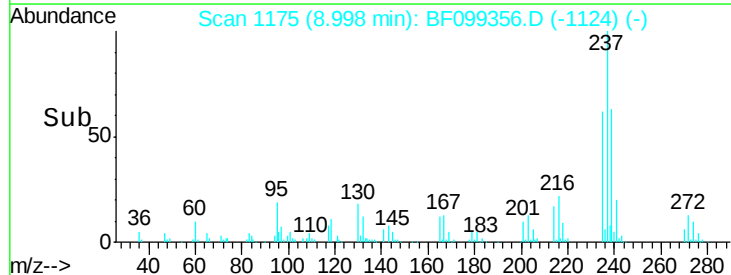
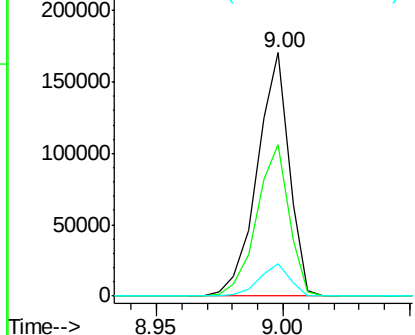


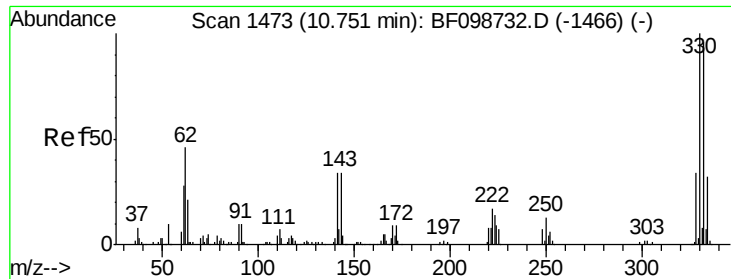
#40
 Hexachlorocyclopentadiene
 Concen: 54.04 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion:237	Resp:	149972
Ion Ratio	Lower	Upper
237	100	
235	62.3	44.8 84.8
272	13.5	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

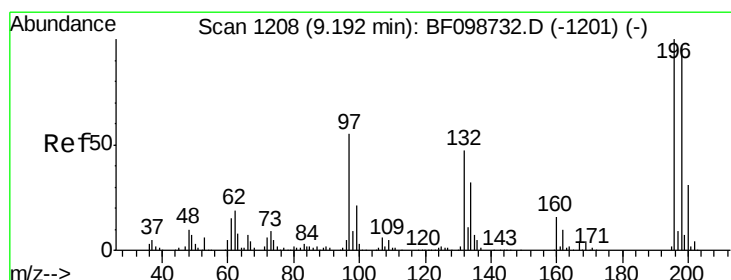
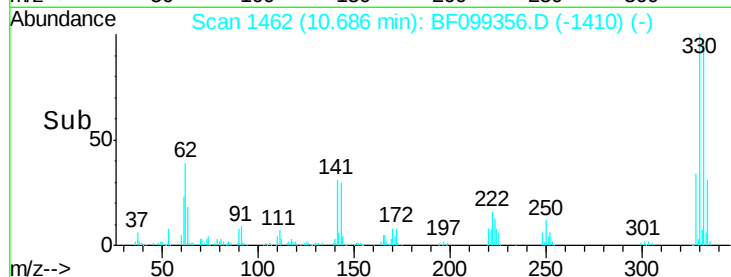
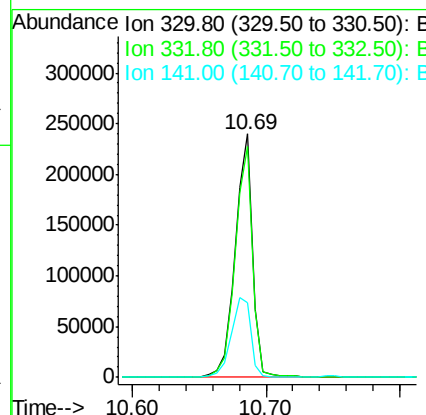
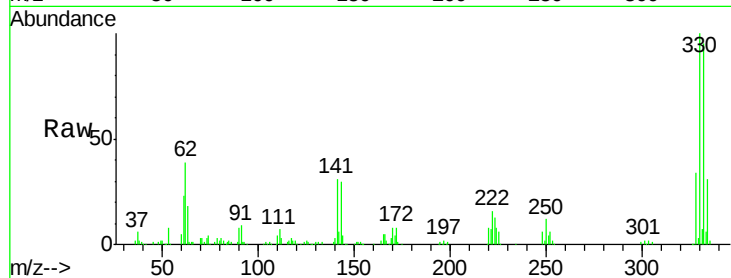




#41
 2,4,6-Tribromophenol
 Concen: 133.32 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

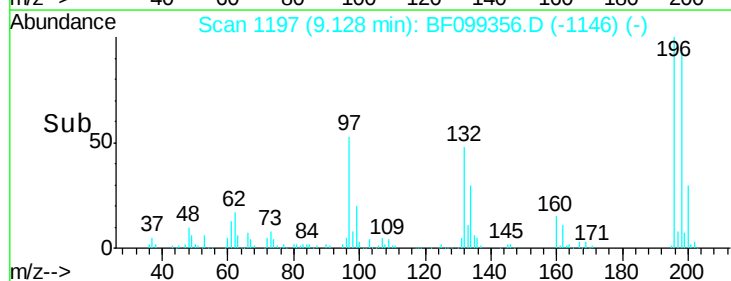
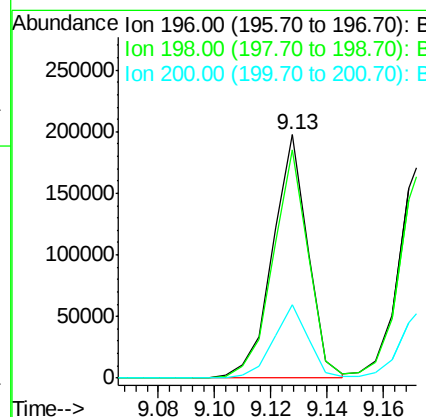
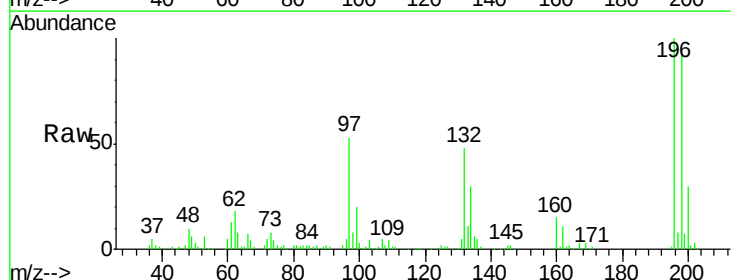
Instrument :
 BNA_F
 ClientSampleId :

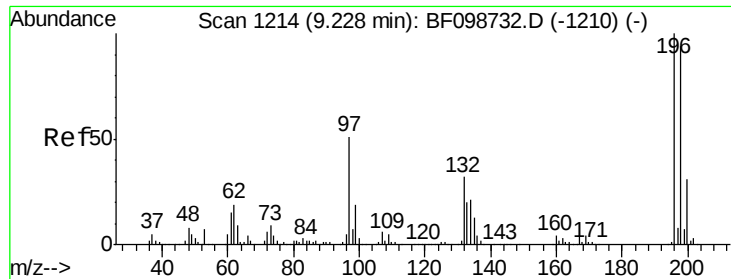
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.53 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
200	30.0	24.5	36.7

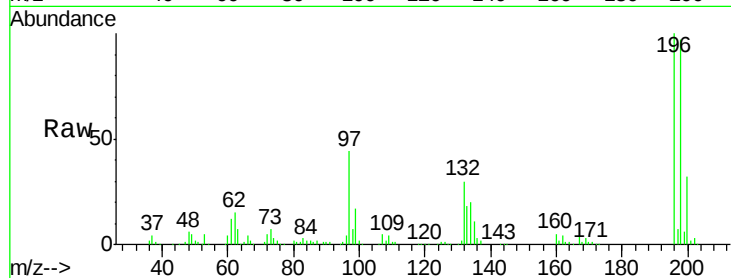




#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.6	112.0
97	44.5	42.9	64.3
132	30.0	26.3	39.5



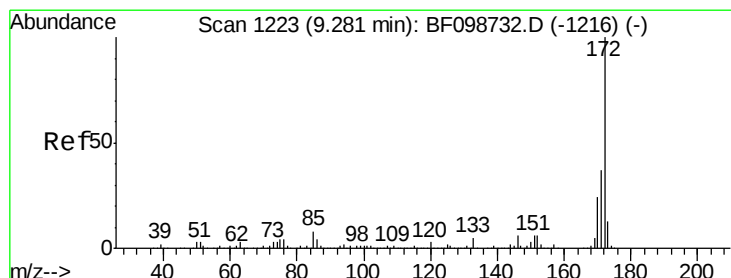
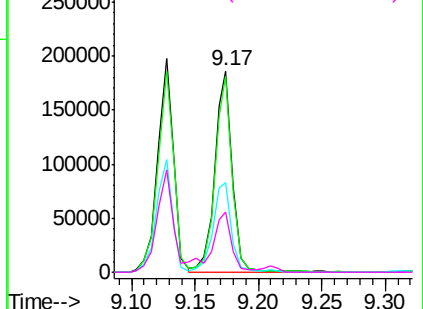
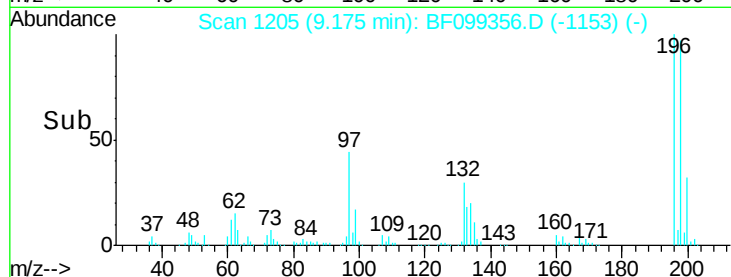
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

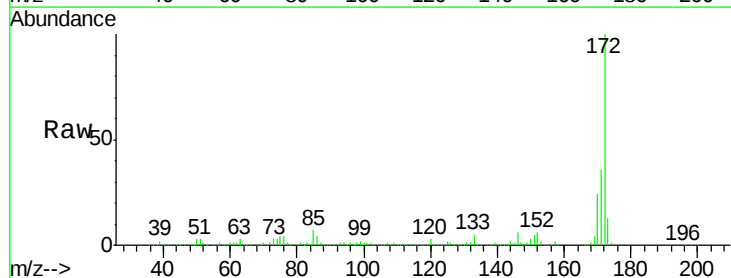
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.08 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

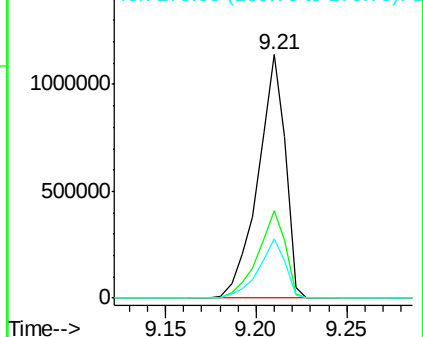
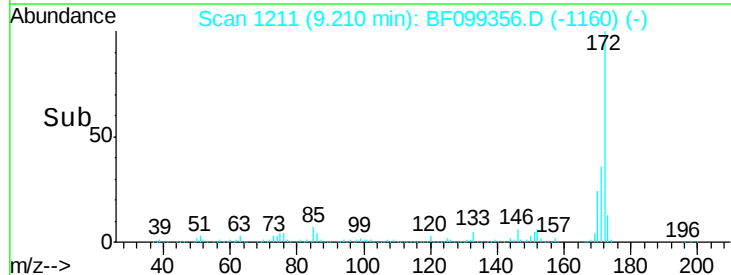


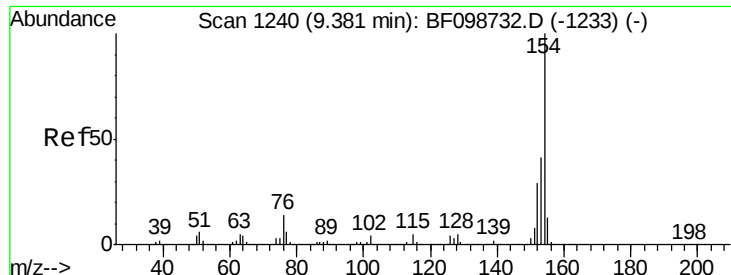
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

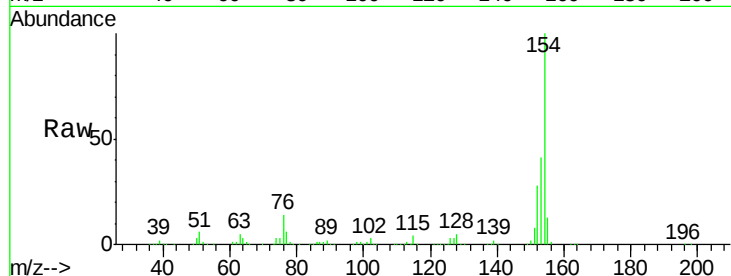




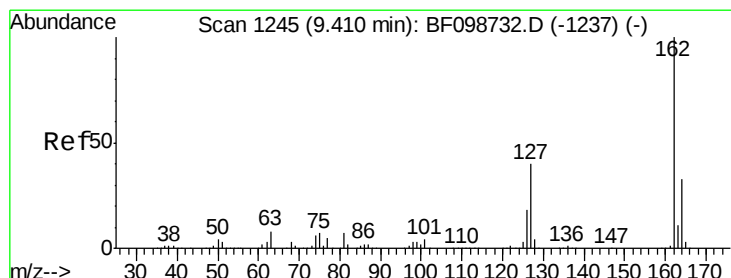
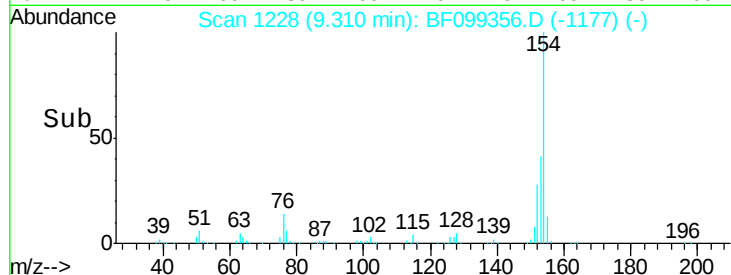
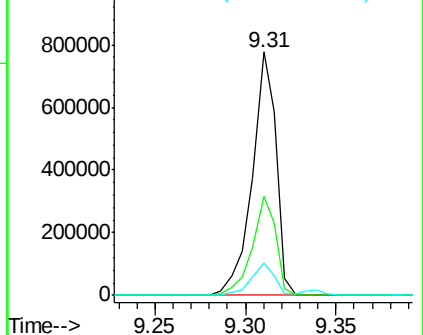
#45
 1,1'-Biphenyl
 Concen: 40.65 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 711311
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 13.5 0.0 34.0

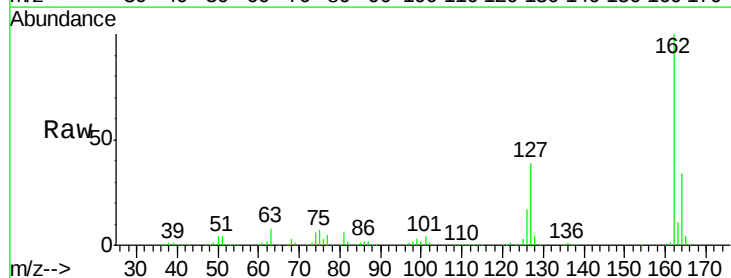


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

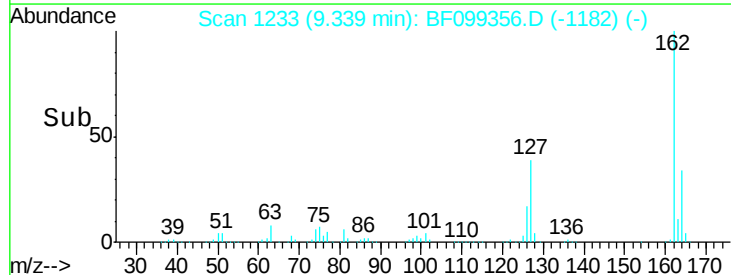
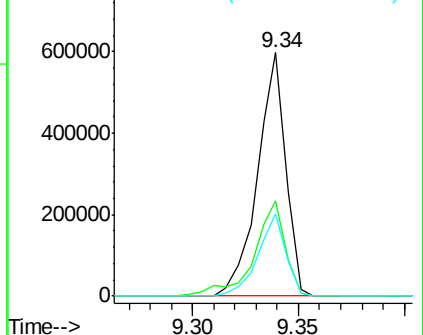


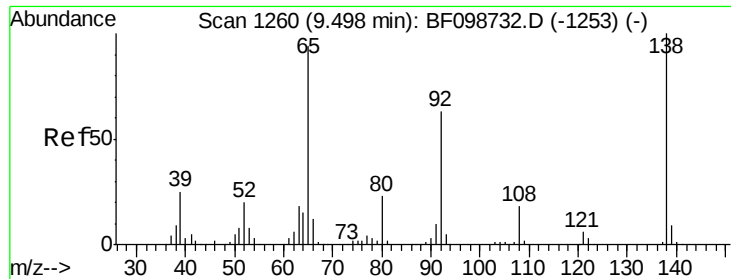
#46
 2-Chloronaphthalene
 Concen: 42.27 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion:162 Resp: 555414
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.9 50.9
 164 33.7 26.5 39.7



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

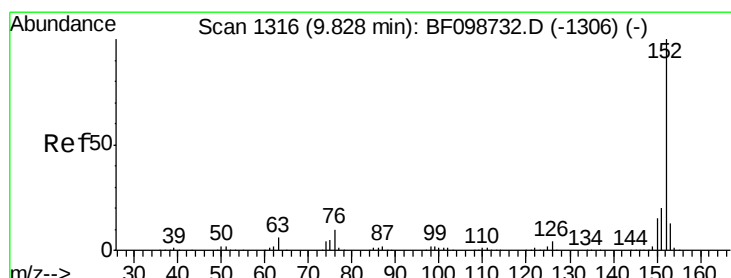
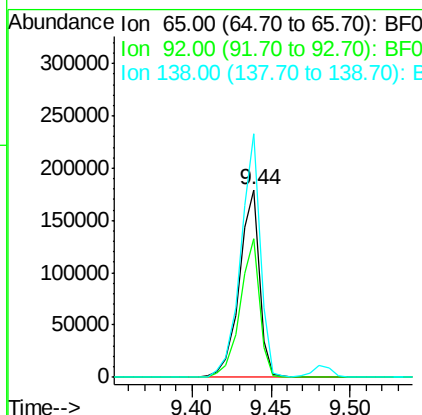
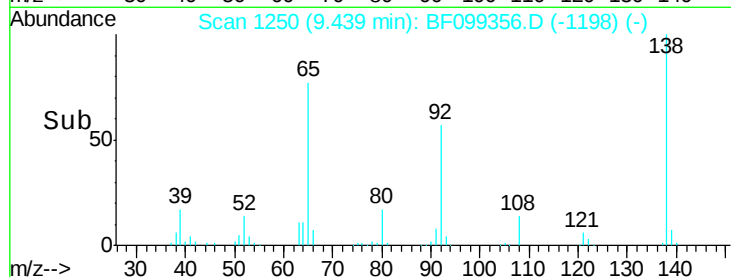
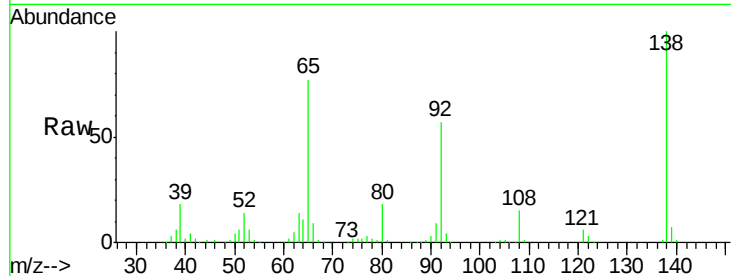




#47
 2-Nitroaniline
 Concen: 39.14 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

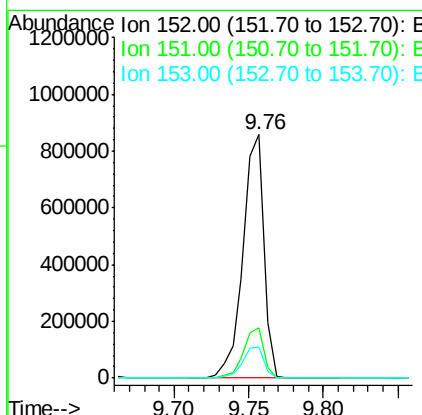
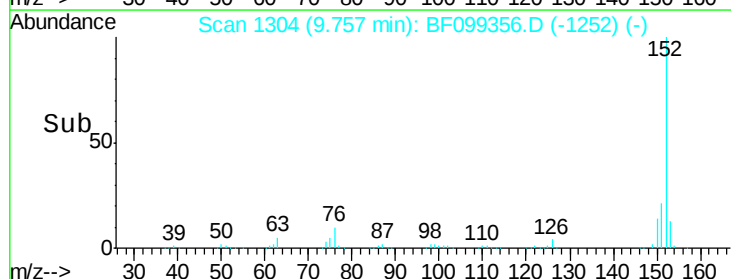
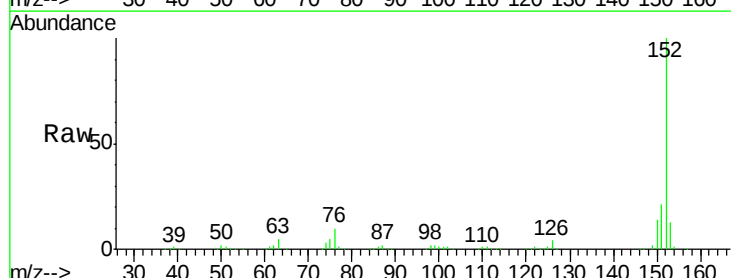
Instrument :
 BNA_F
 ClientSampleID :

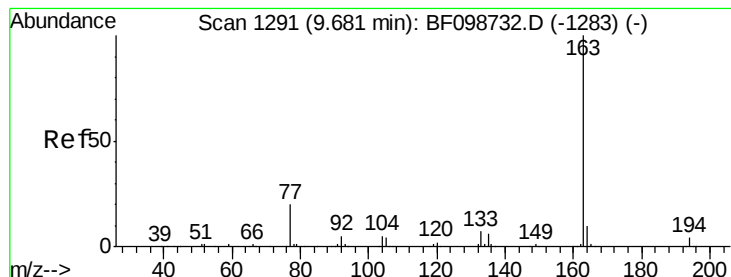
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	55.8	83.6
138	129.9	91.2	136.8



#48
 Acenaphthylene
 Concen: 41.60 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 41.49 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

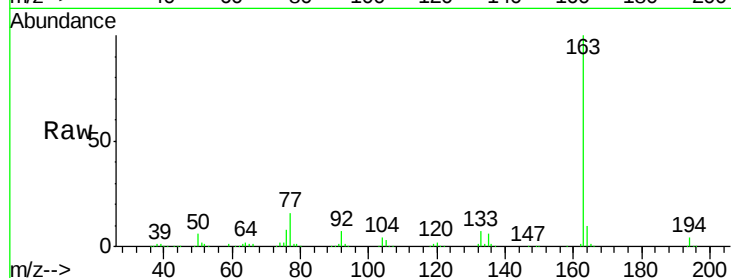
Tot Ion:163 Resp: 637679

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

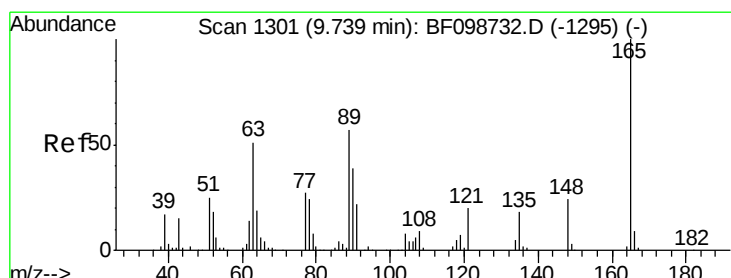
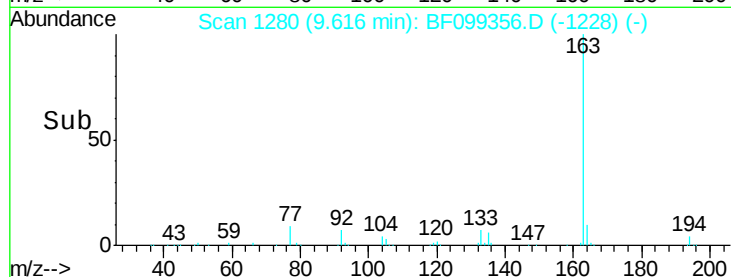
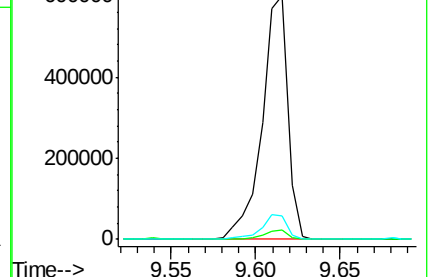
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.07 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

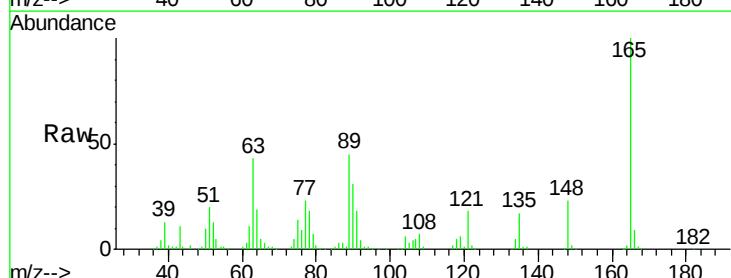
Tgt Ion:165 Resp: 144097

Ion Ratio Lower Upper

165 100

63 42.7 44.7 67.1#

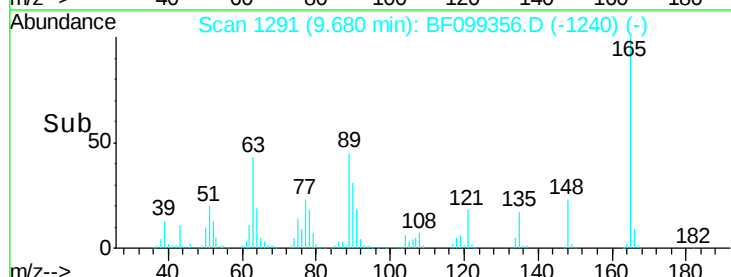
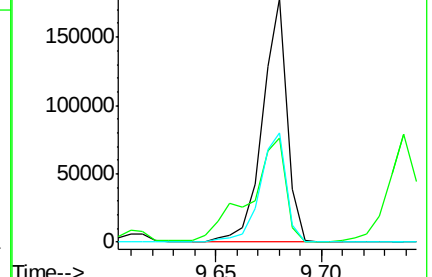
89 44.9 44.0 66.0

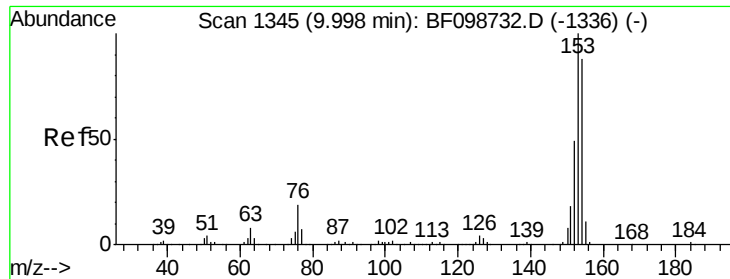


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.61 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

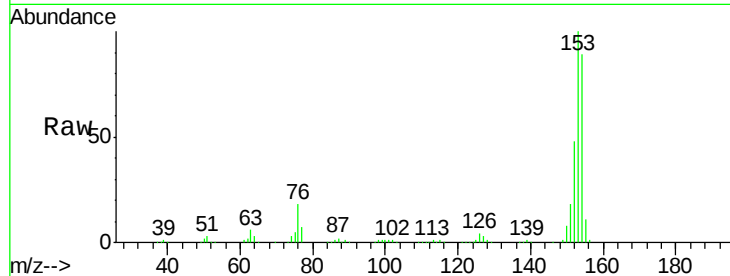
Tot Ion:154 Resp: 491952

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

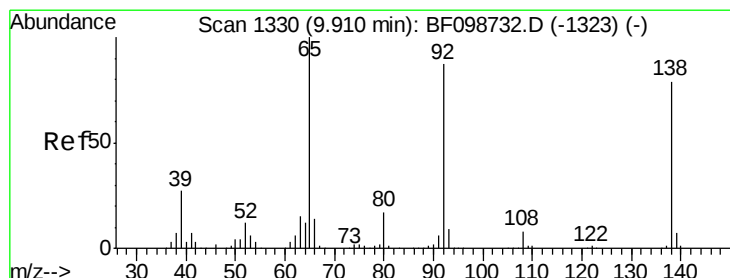
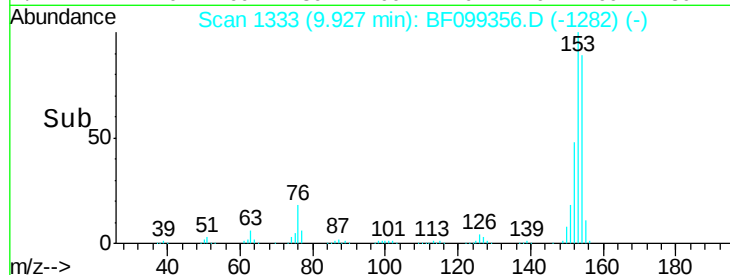
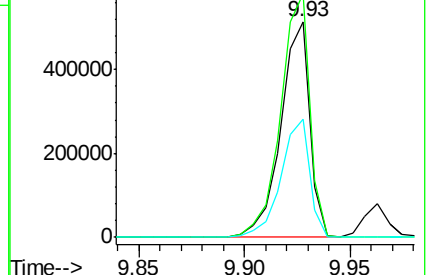
152 54.6 43.8 65.8



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: 26.46 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

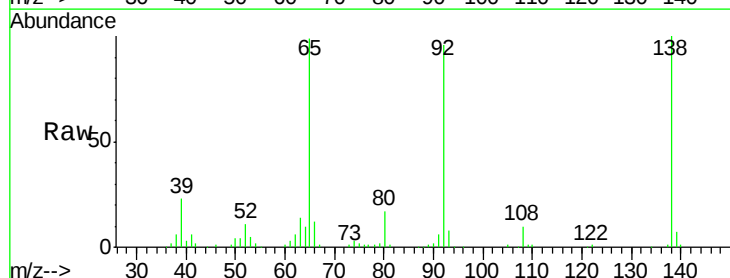
Tgt Ion:138 Resp: 103229

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

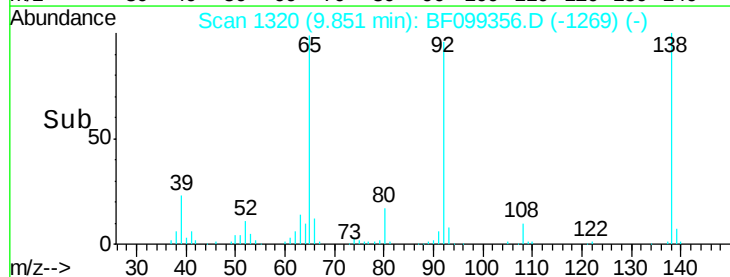
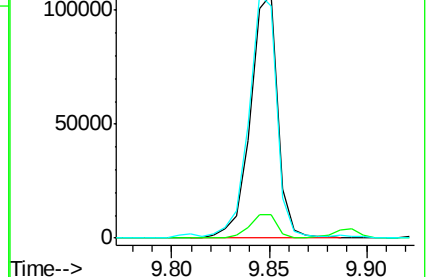
92 95.5 89.4 134.2

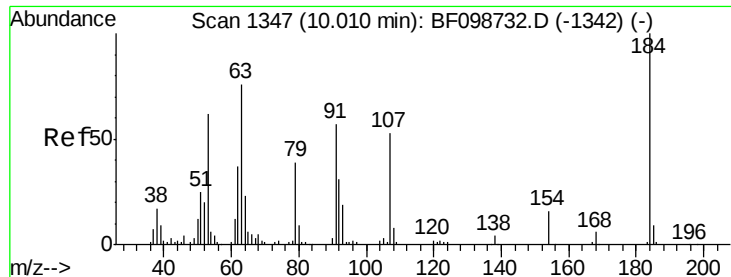


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

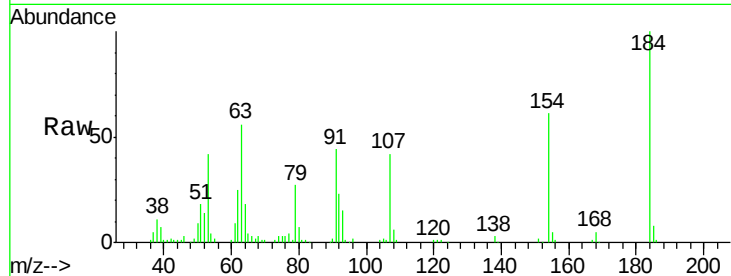




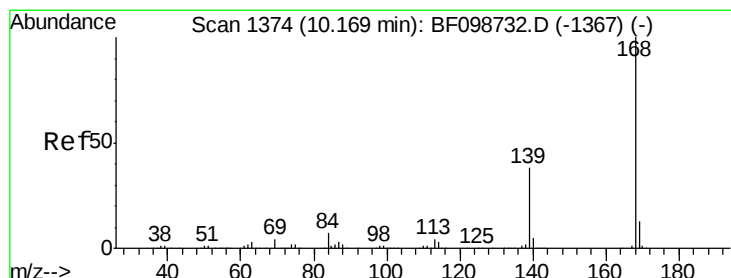
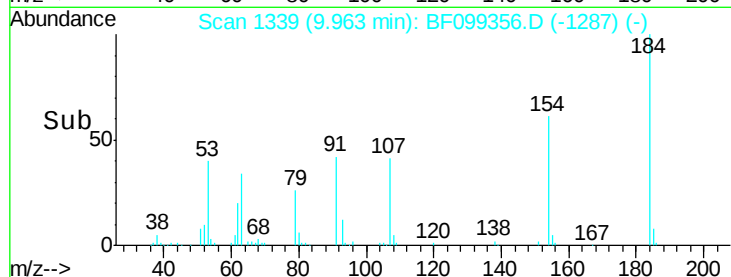
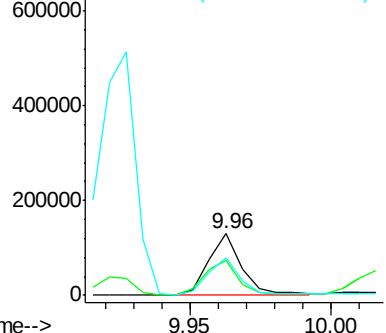
#53
2,4-Dinitrophenol
Concen: 62.70 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 106855
Ion Ratio Lower Upper
184 100
63 56.0 54.2 81.2
154 60.8 53.5 80.3

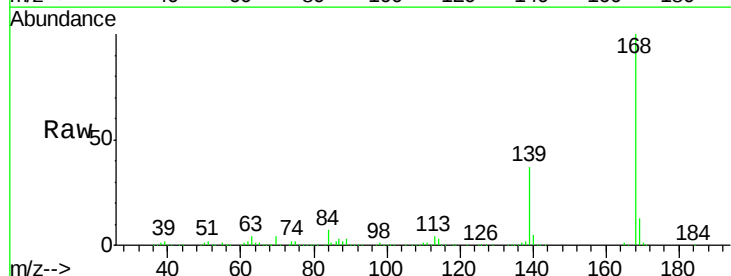


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

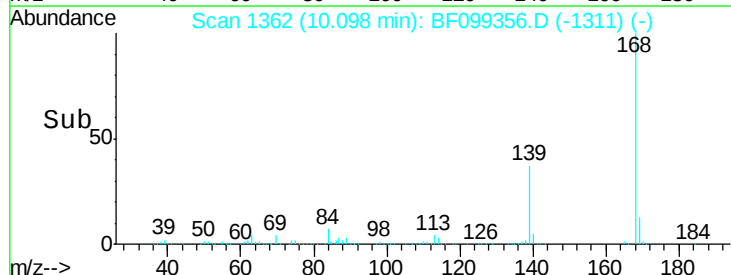
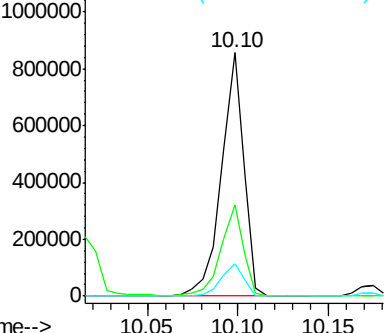


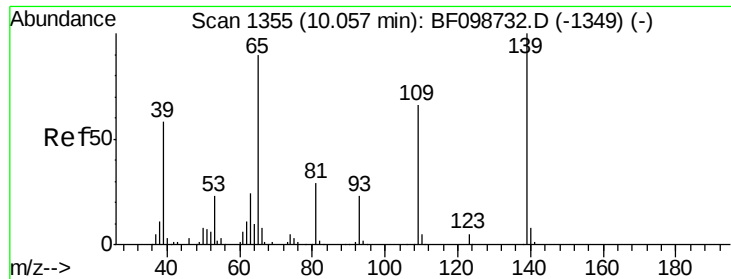
#54
Dibenzofuran
Concen: 43.23 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:168 Resp: 733378
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.5 10.9 16.3



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

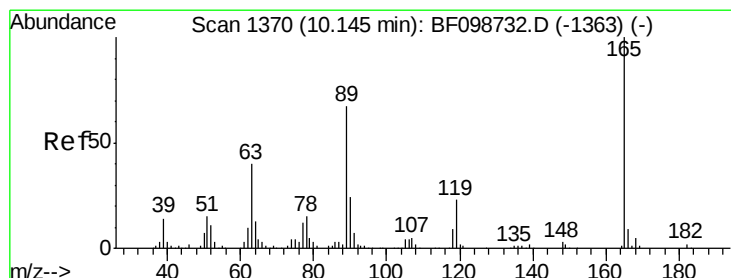
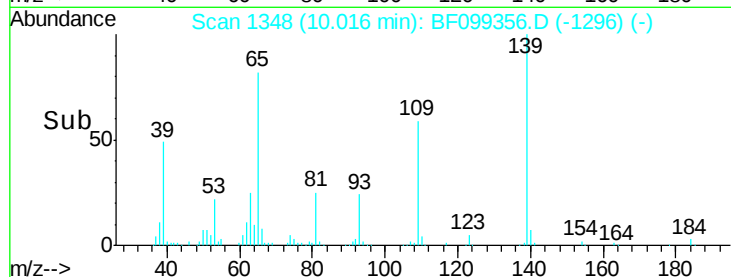
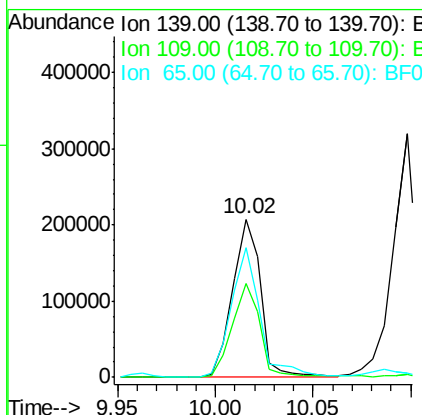
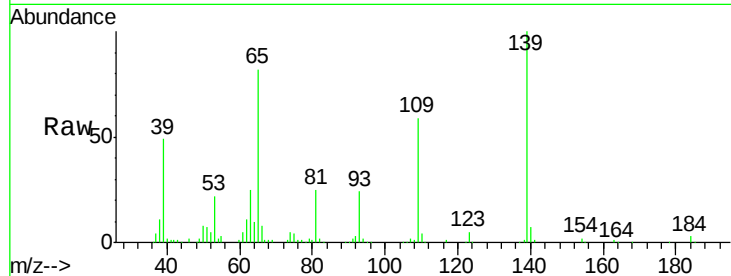




#55
4-Nitrophenol
Concen: 63.65 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

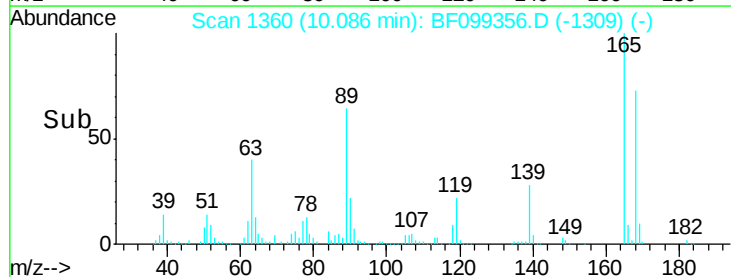
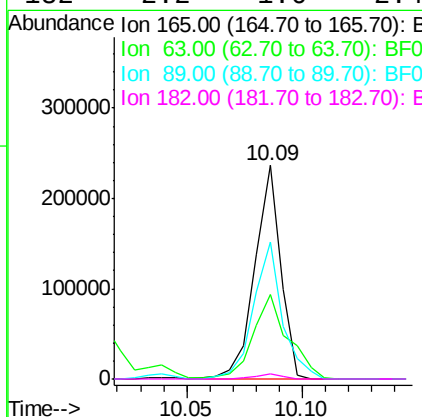
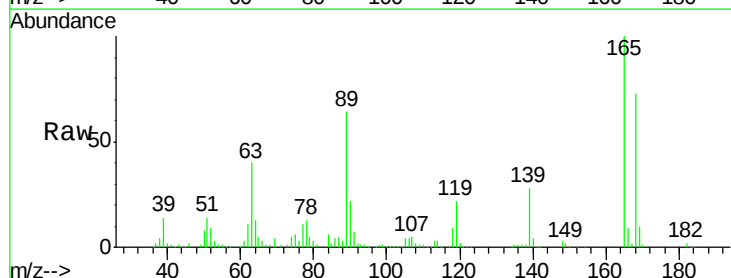
Instrument :
BNA_F
ClientSampleId :

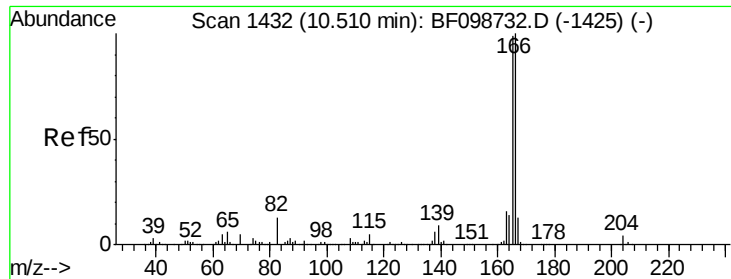
Tot Ion:139 Resp: 209971
Ion Ratio Lower Upper
139 100
109 59.5 48.4 88.4
65 82.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.01 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:165 Resp: 186756
Ion Ratio Lower Upper
165 100
63 39.8 36.4 54.6
89 63.9 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 42.54 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

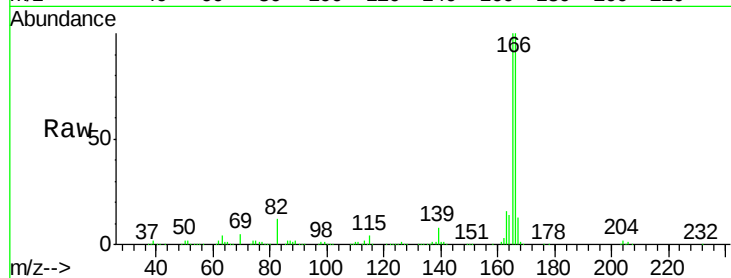
Tot Ion:166 Resp: 580042

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

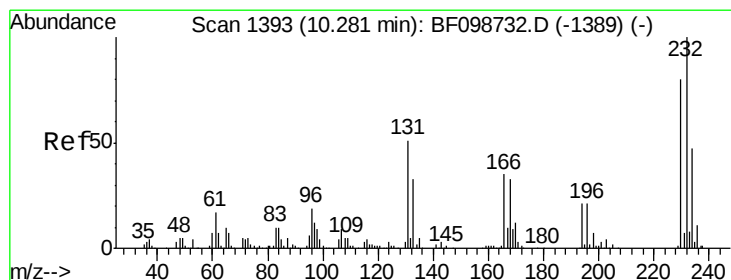
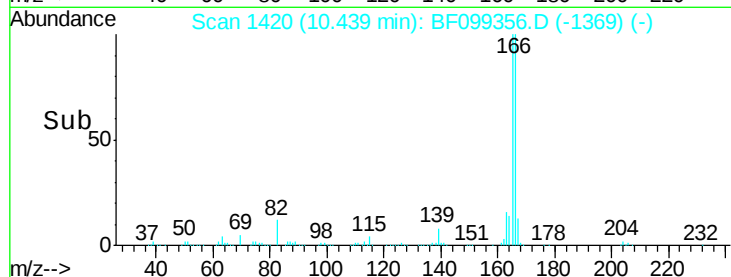
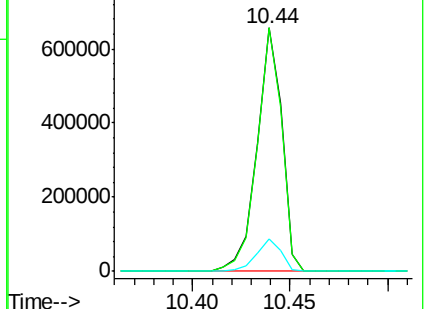
167 13.3 10.6 16.0



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: 44.35 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Tgt Ion:232 Resp: 131575

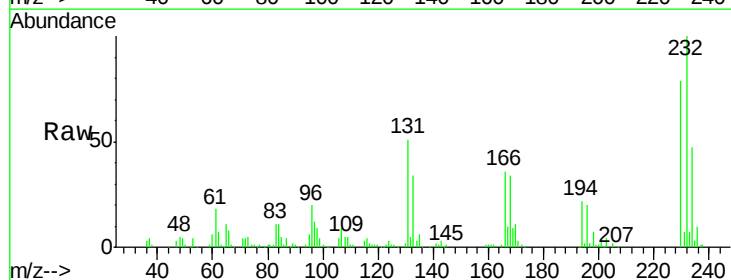
Ion Ratio Lower Upper

232 100

131 50.5 43.8 65.8

130 2.2 2.1 3.1

166 34.9 27.8 41.6

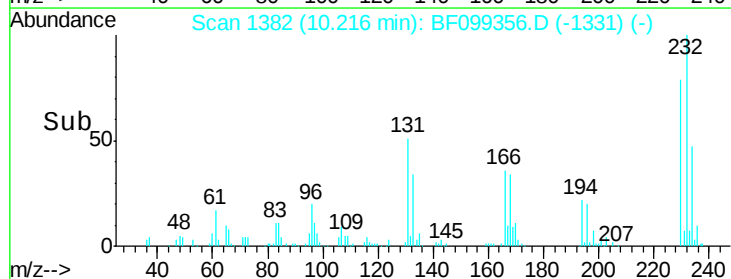
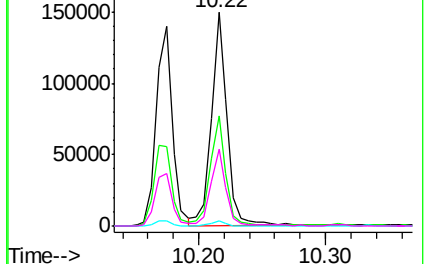


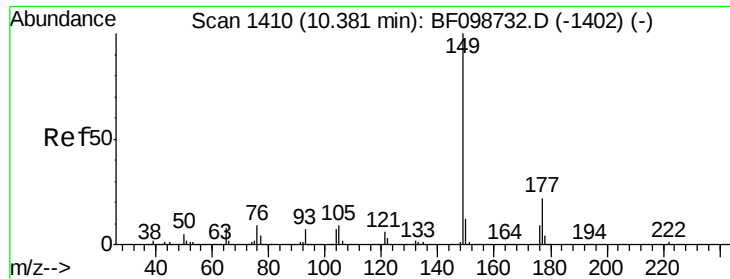
Abundance Ion 232.00 (231.70 to 232.70): E

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

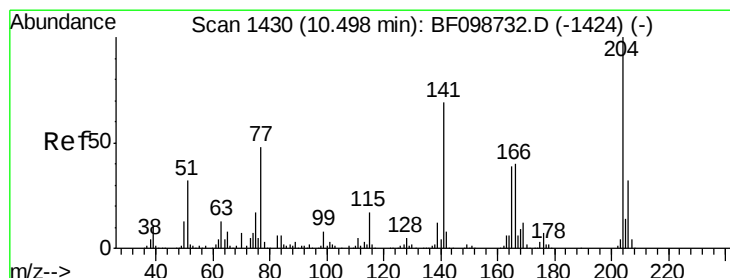
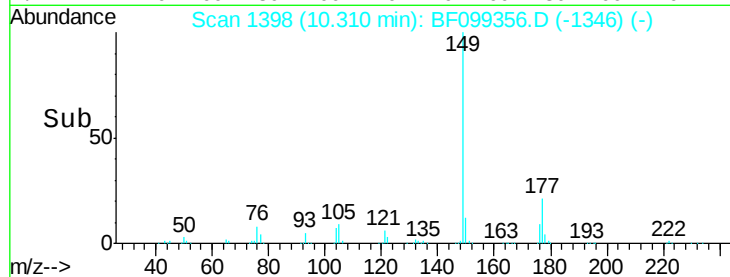
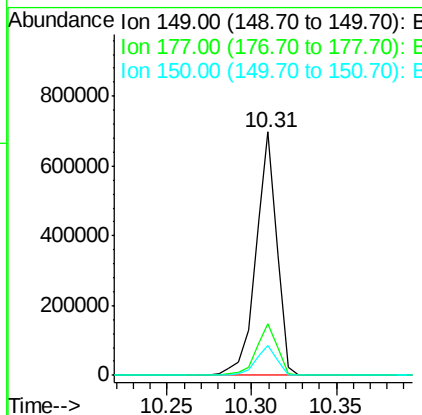
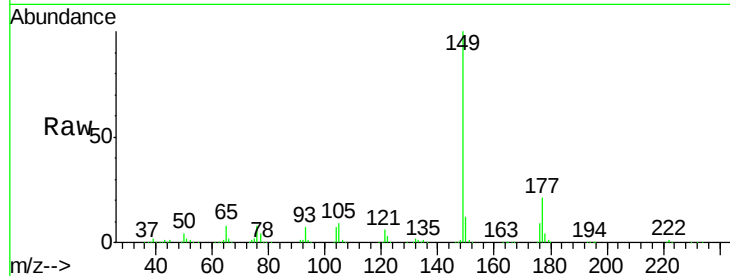




#59
Diethylphthalate
Concen: 40.03 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

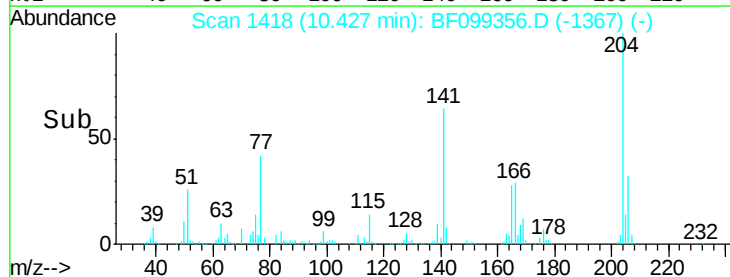
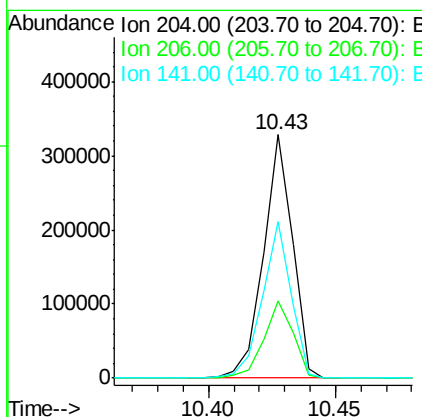
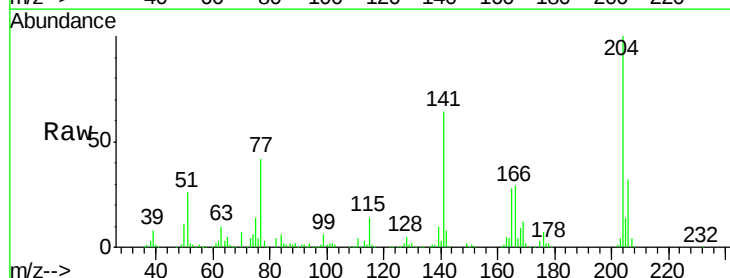
Instrument :
BNA_F
ClientSampleId :

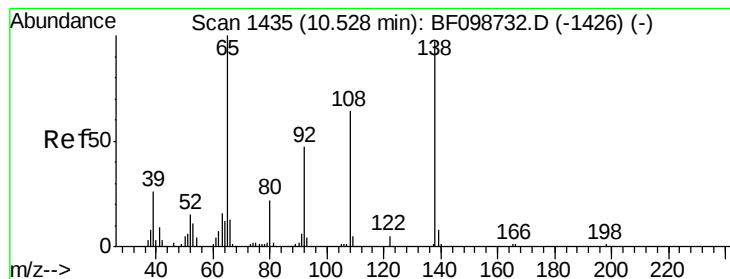
Tot Ion:149 Resp: 601062
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.70 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:204 Resp: 261528
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 64.5 54.6 81.8





#61

4-Nitroaniline

Concen: 42.51 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

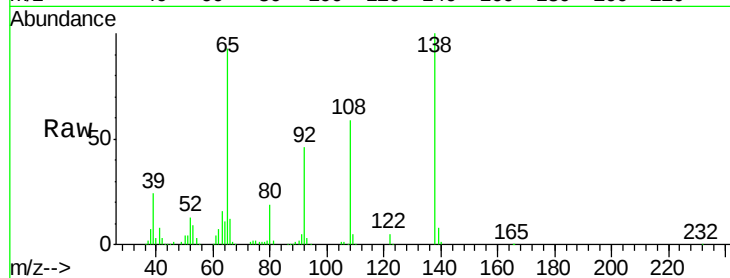
Tot Ion:138 Resp: 160006

Ion Ratio Lower Upper

138 100

92 46.1 30.2 70.2

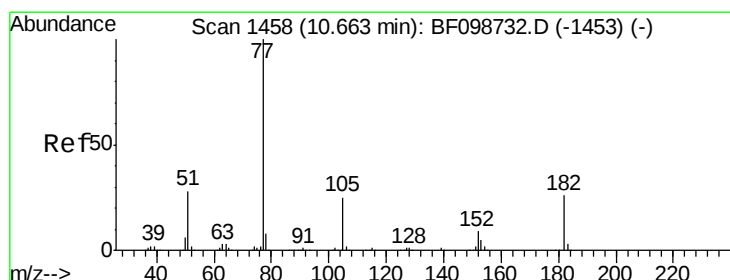
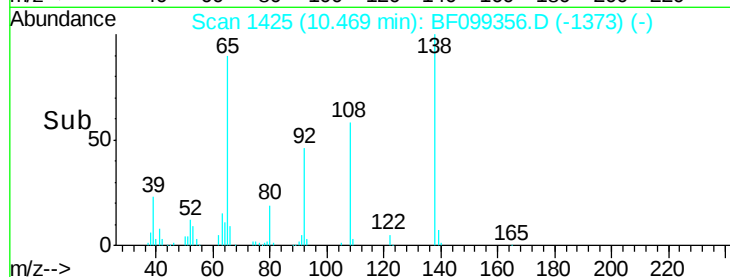
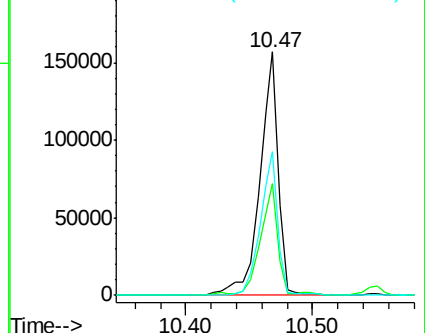
108 59.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.49 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Tgt Ion: 77 Resp: 559123

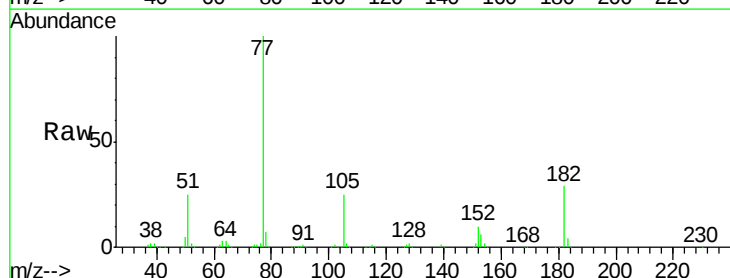
Ion Ratio Lower Upper

77 100

182 28.6 1.7 41.7

105 25.2 3.0 43.0

51 25.4 9.9 49.9

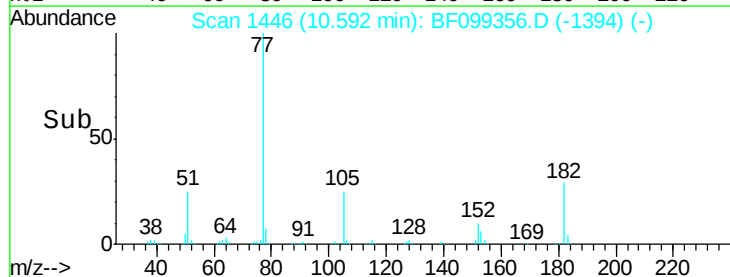
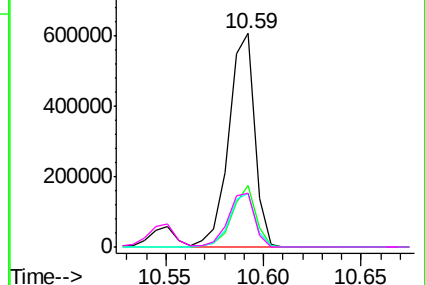


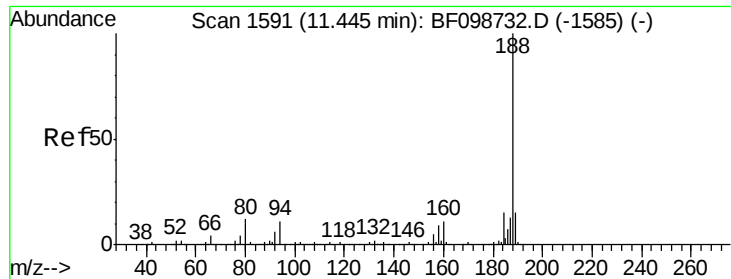
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

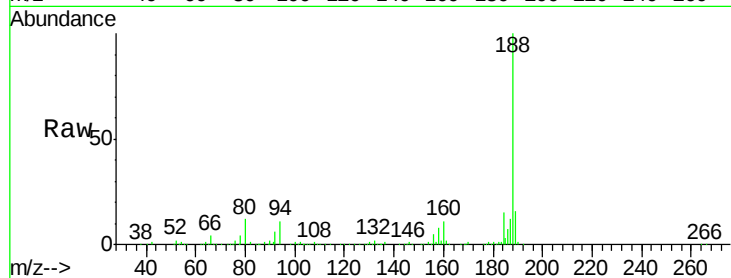




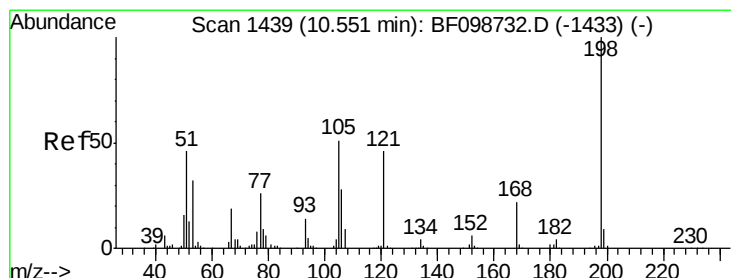
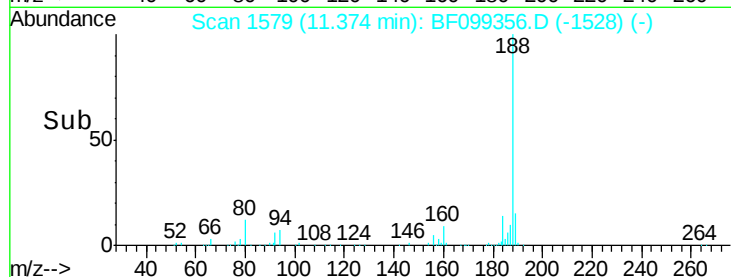
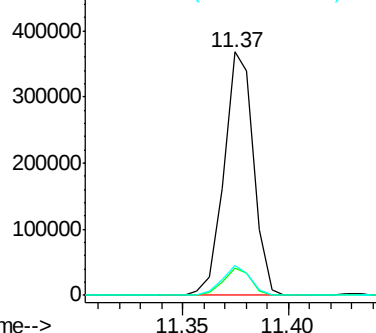
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 357655
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8

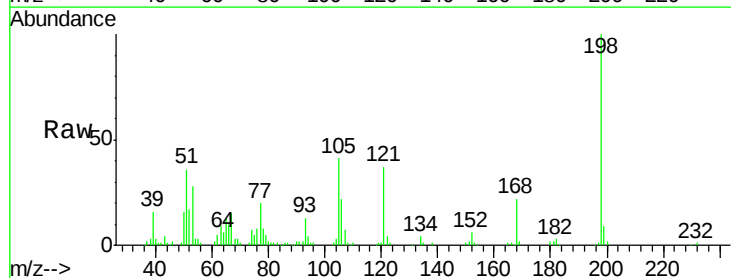


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

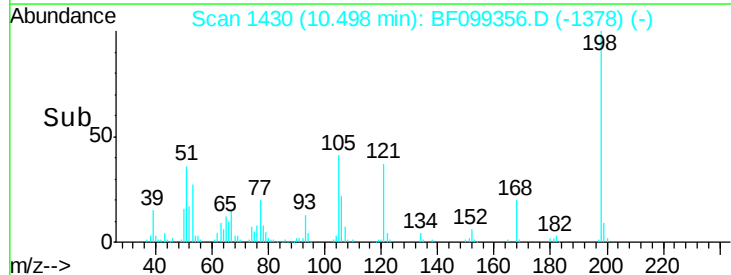
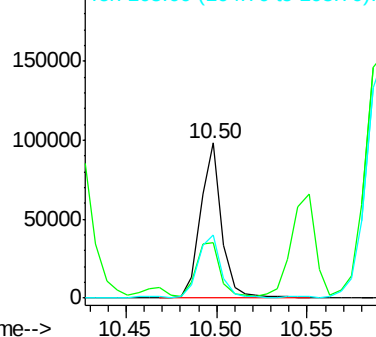


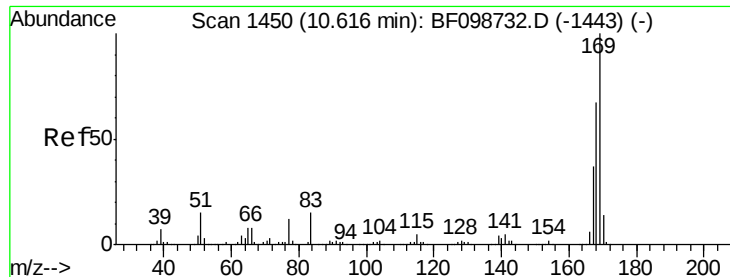
#64
4,6-Dinitro-2-methylphenol
Concen: 36.75 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:198 Resp: 79979
Ion Ratio Lower Upper
198 100
51 35.6 37.7 77.7#
105 40.8 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: 41.58 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

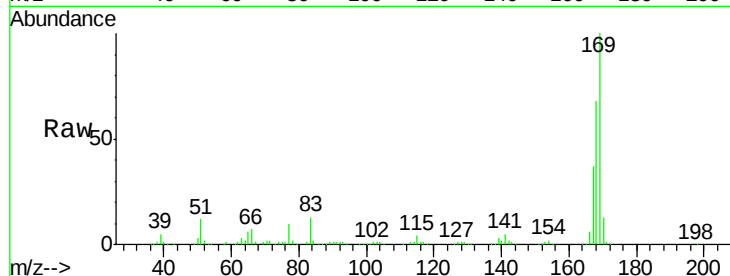
Tot Ion:169 Resp: 515163

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

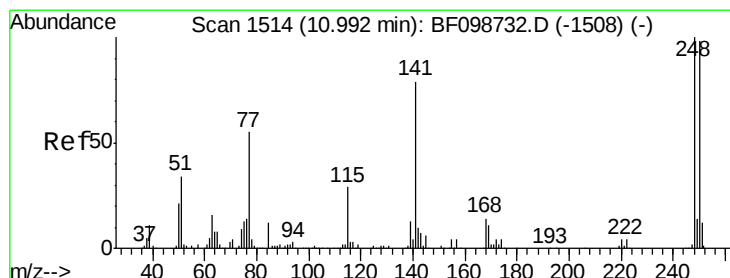
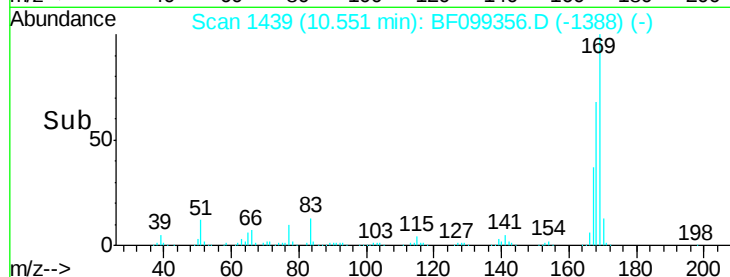
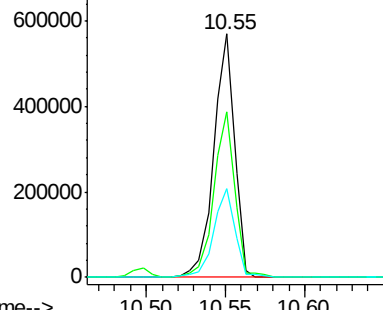
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.43 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

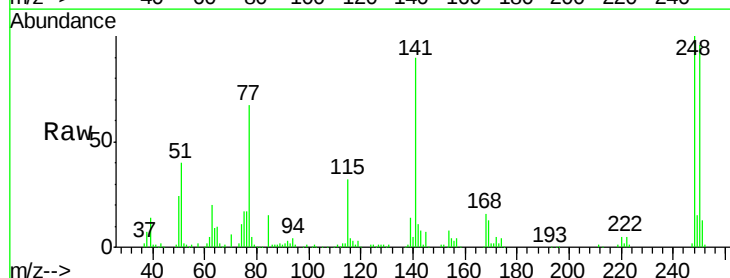
Tgt Ion:248 Resp: 152055

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

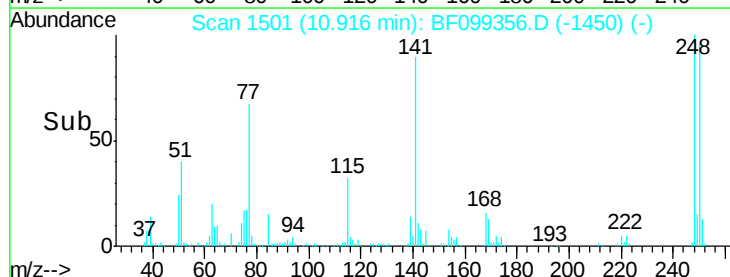
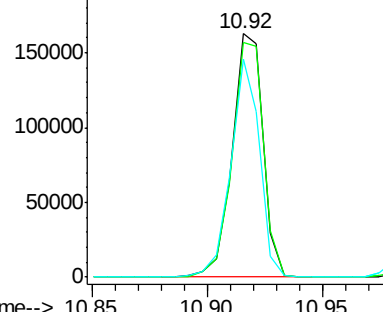
141 89.7 74.4 111.6

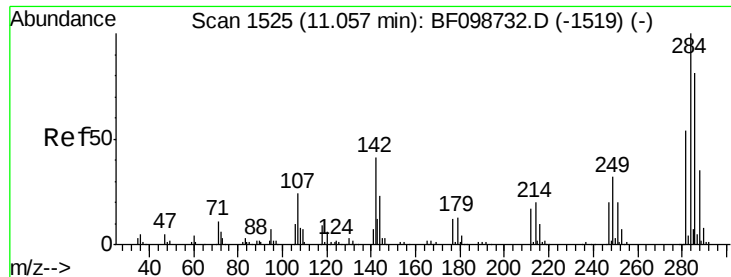


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

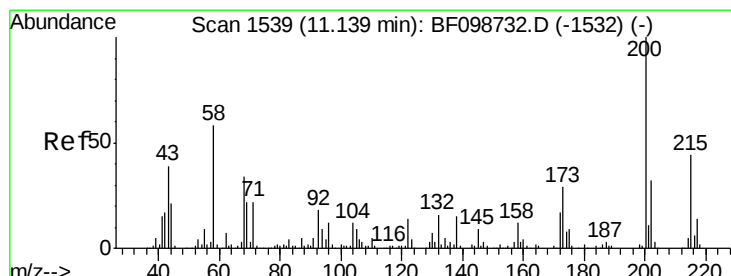
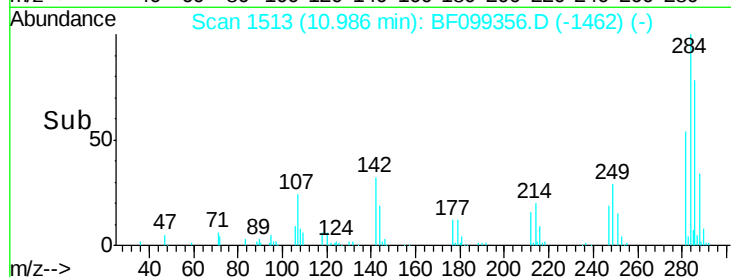
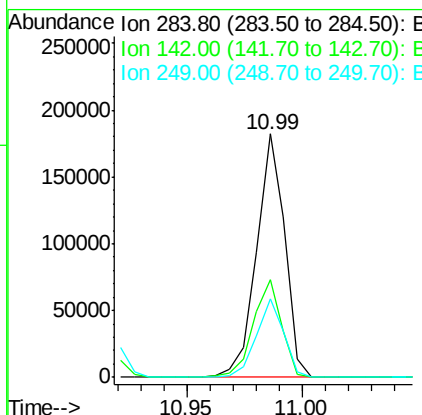
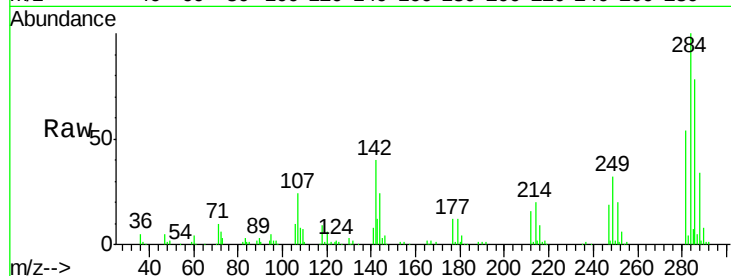




#67
Hexachlorobenzene
Concen: 41.53 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

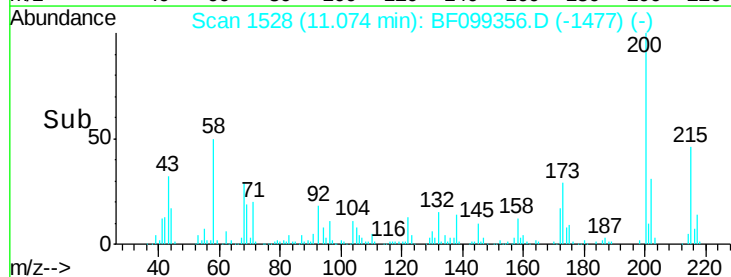
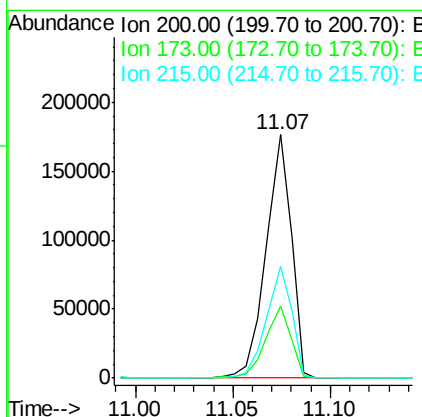
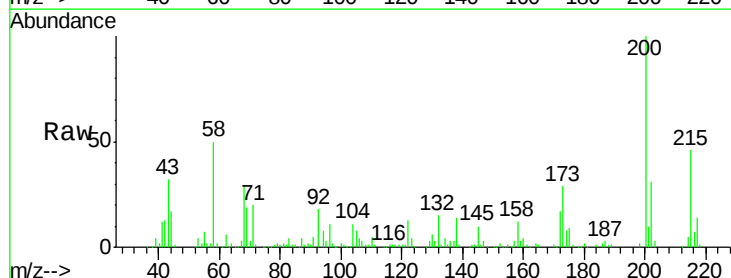
Instrument :
BNA_F
ClientSampled :

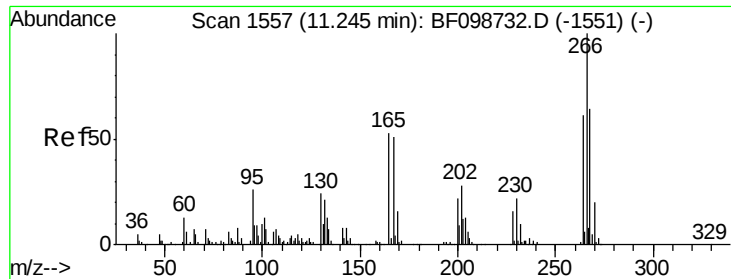
Tot Ion:284 Resp: 155271
Ion Ratio Lower Upper
284 100
142 40.2 34.6 52.0
249 32.2 24.8 37.2



#68
Atrazine
Concen: 42.77 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:200 Resp: 159439
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 45.7 25.1 65.1

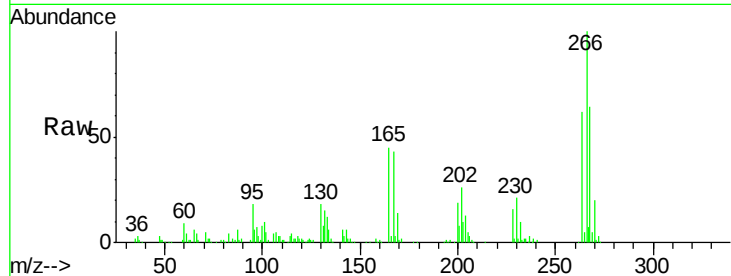




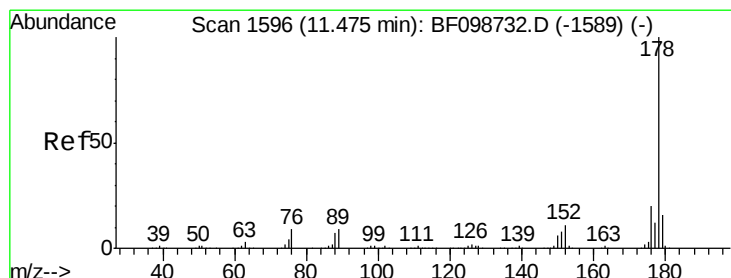
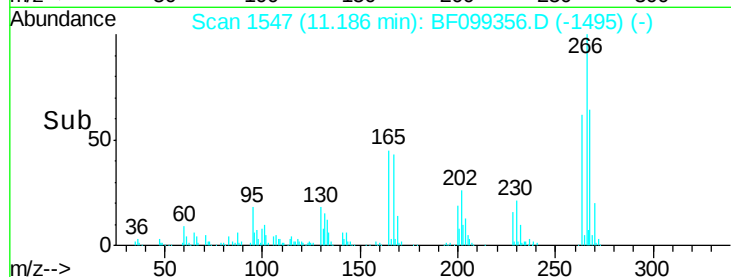
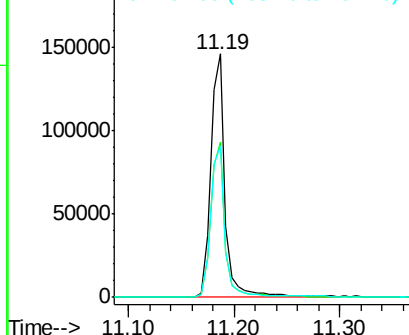
#69
 Pentachlorophenol
 Concen: 60.40 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	62.2	49.5	74.3

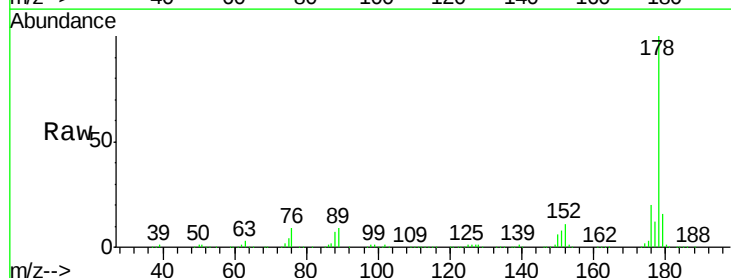


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

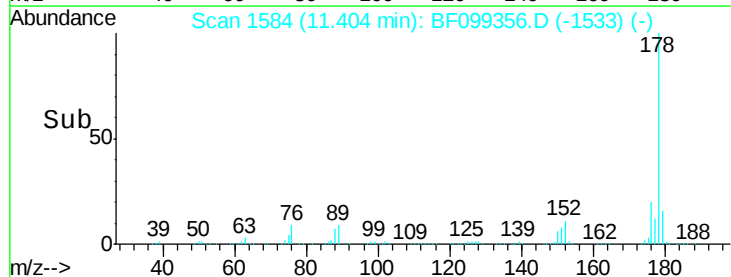
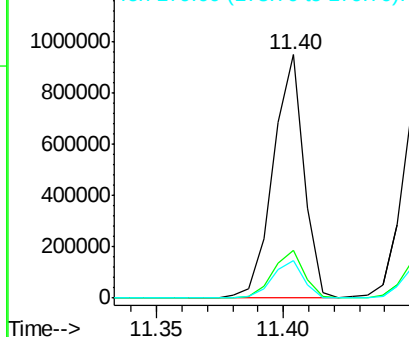


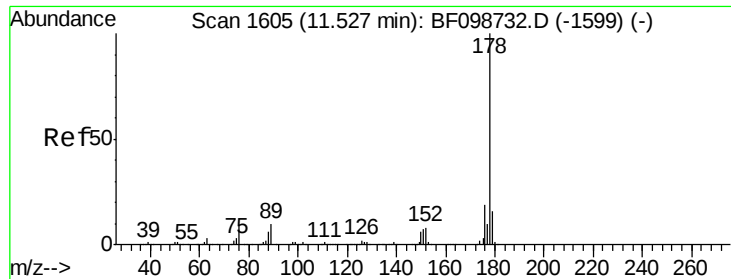
#70
 Phenanthrene
 Concen: 42.37 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6



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

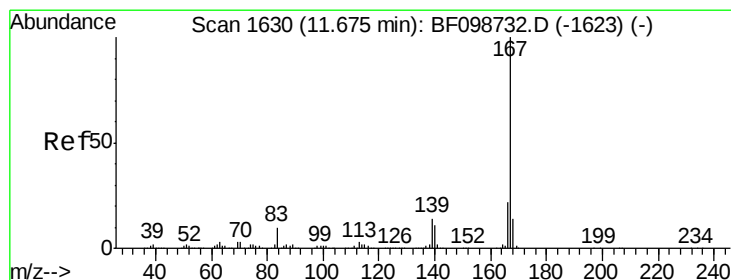
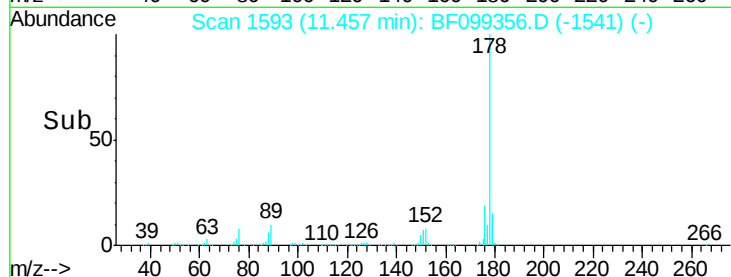
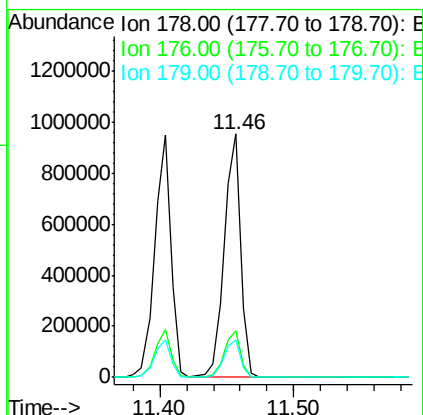
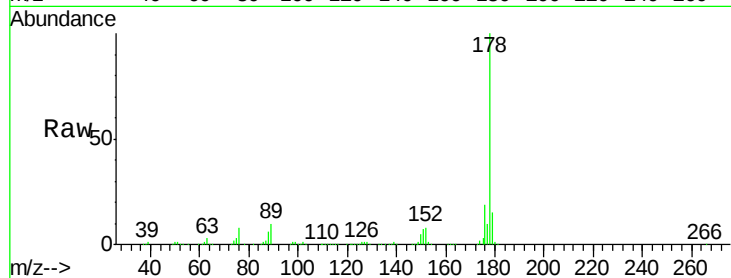




#71
 Anthracene
 Concen: 42.58 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

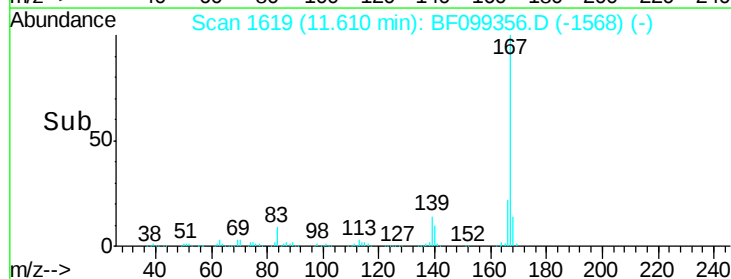
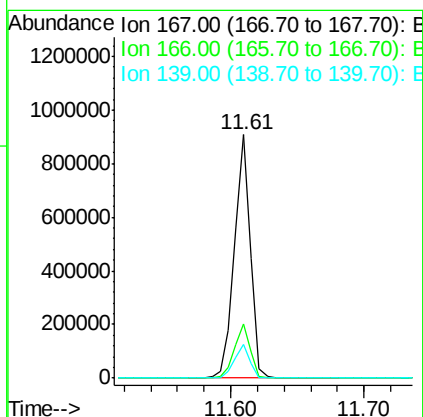
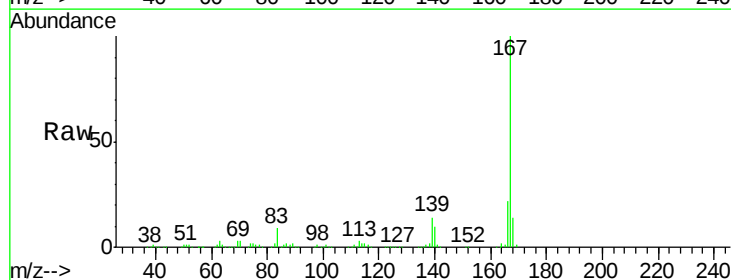
Instrument :
 BNA_F
 ClientSampleId :

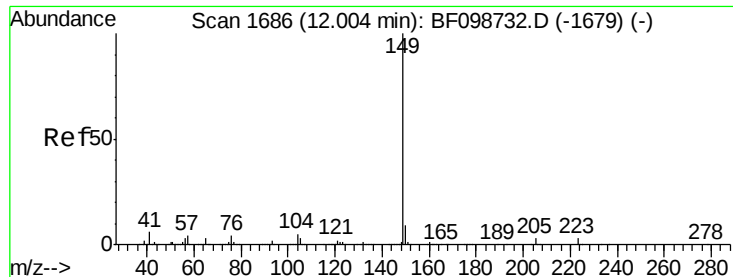
Tot Ion:178 Resp: 834008
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 40.12 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion:167 Resp: 769526
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3

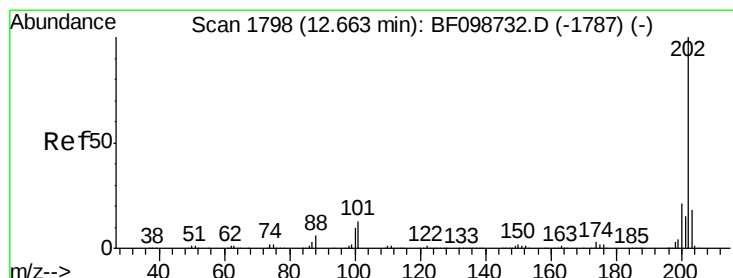
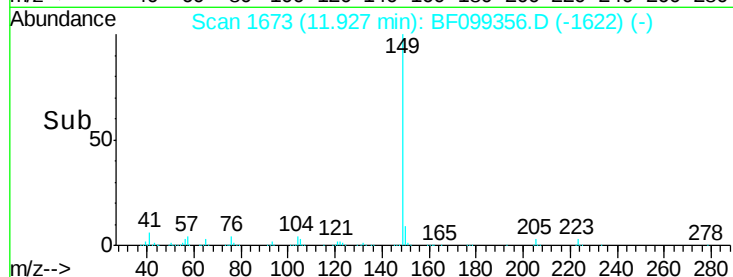
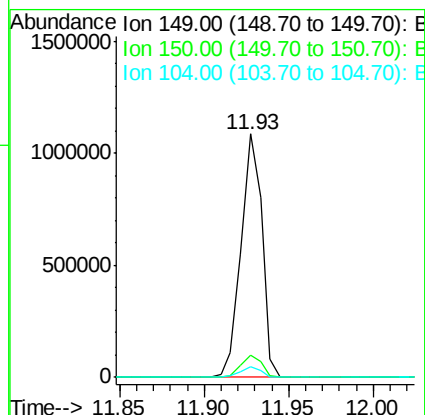
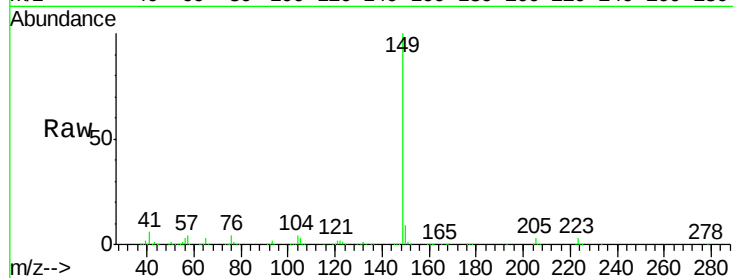




#73
Di-n-butylphthalate
Concen: 40.46 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

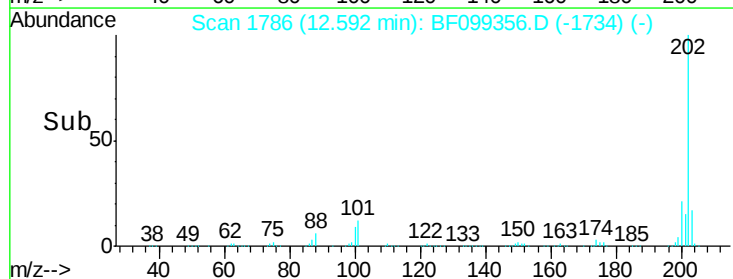
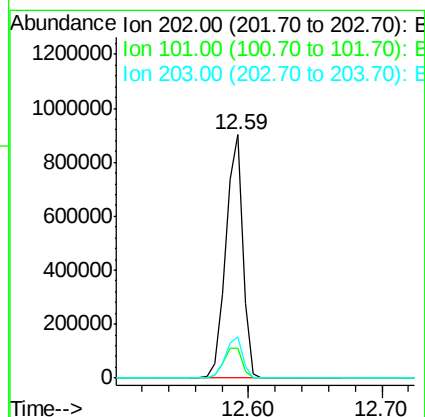
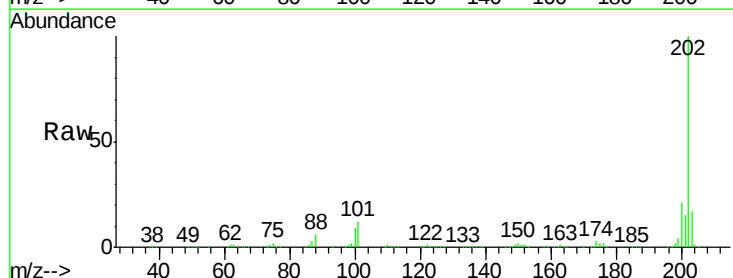
Instrument :
BNA_F
ClientSampled :

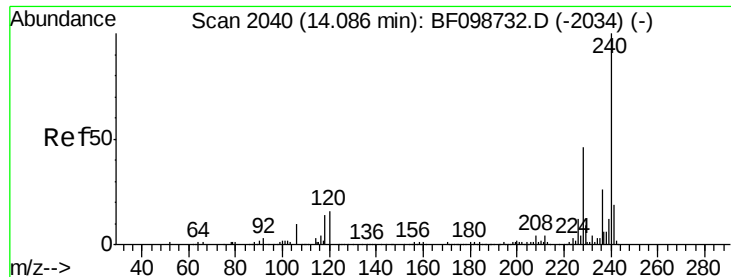
Tot Ion:149 Resp: 934169
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 42.23 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:202 Resp: 818720
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

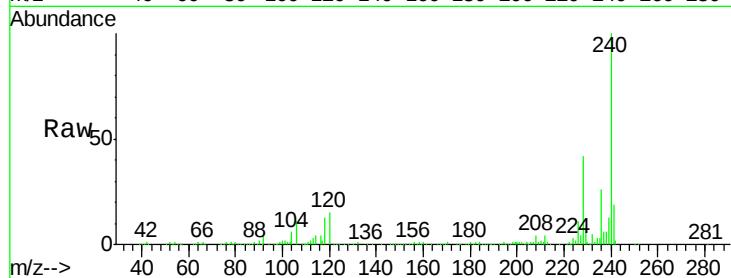
Tot Ion:240 Resp: 212798

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

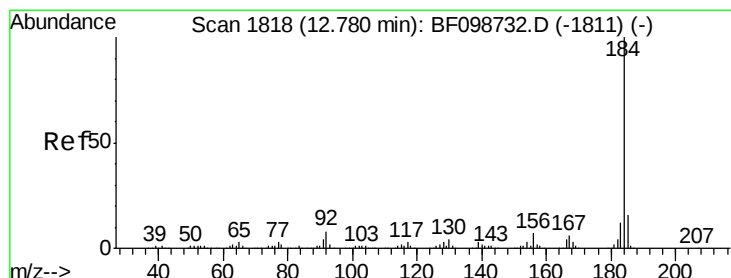
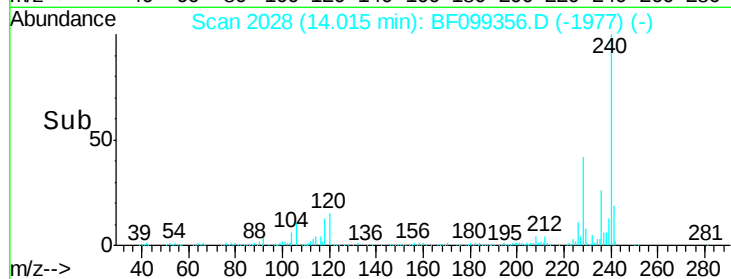
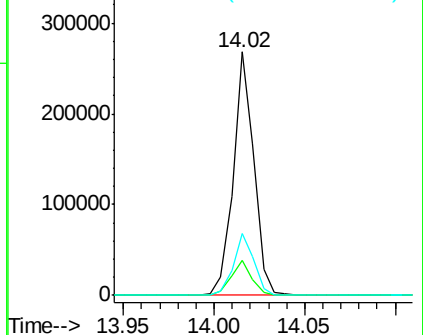
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.18 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

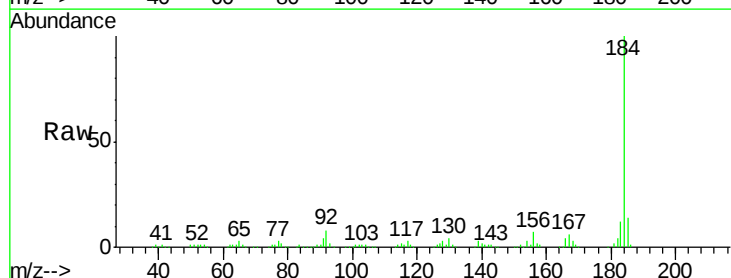
Tgt Ion:184 Resp: 221814

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

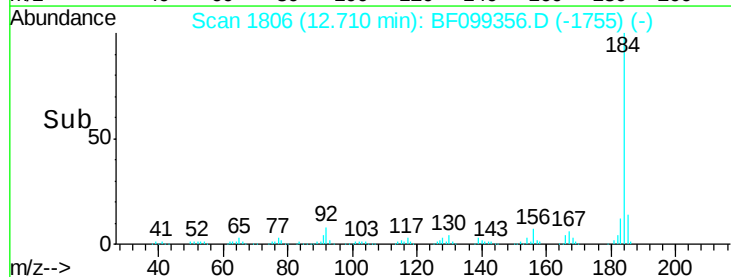
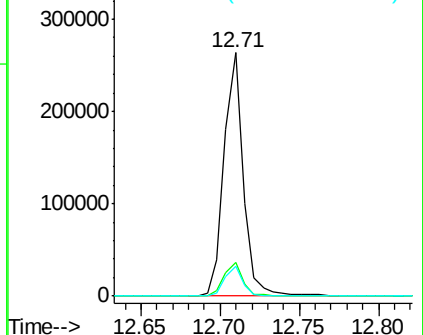
183 12.1 9.3 13.9

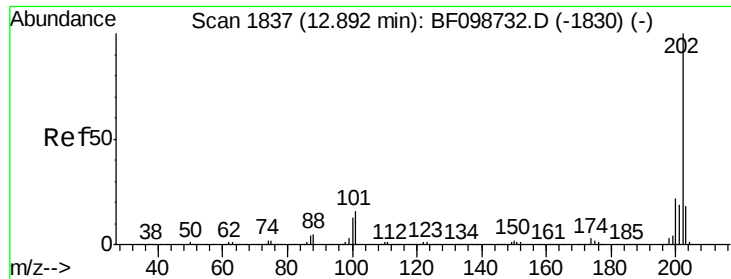


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

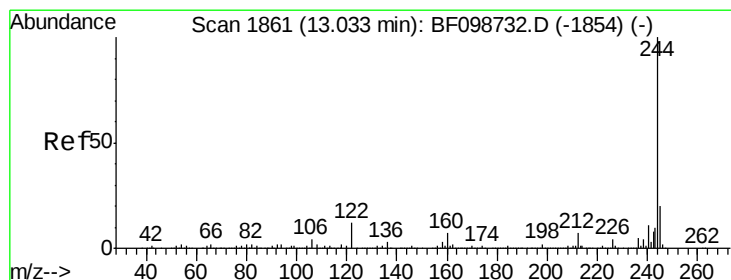
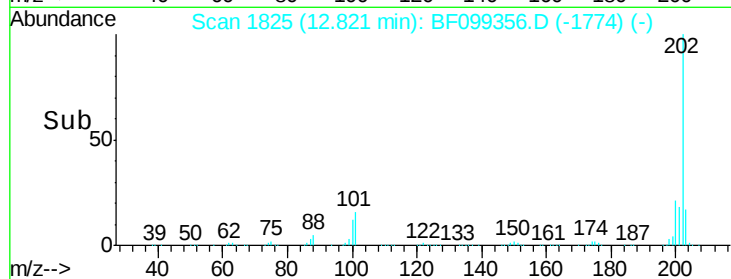
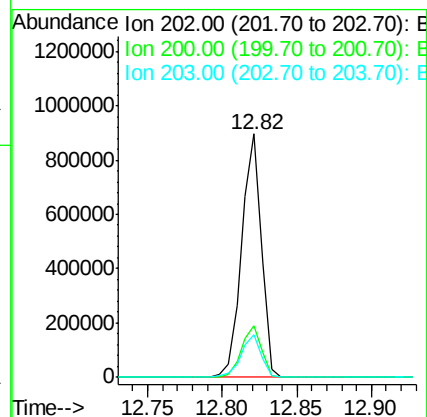
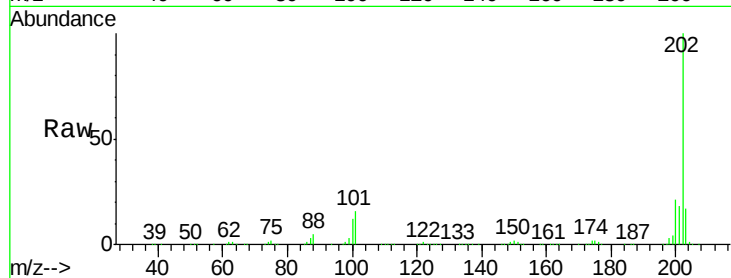




#77
Pvrene
Concen: 51.02 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

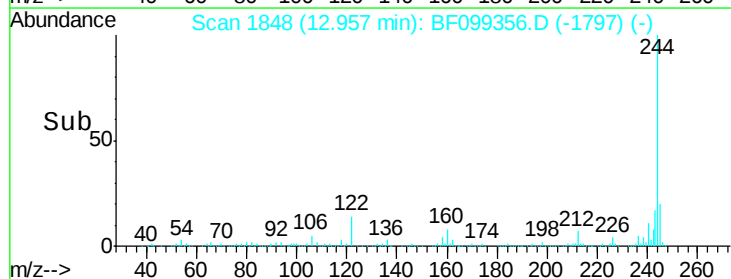
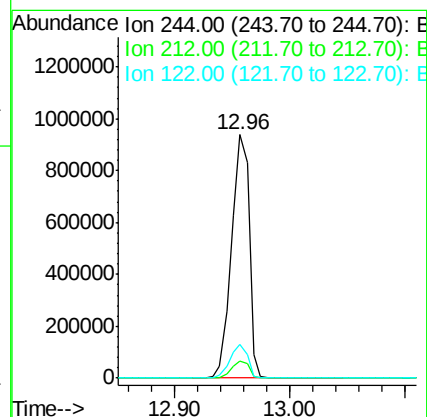
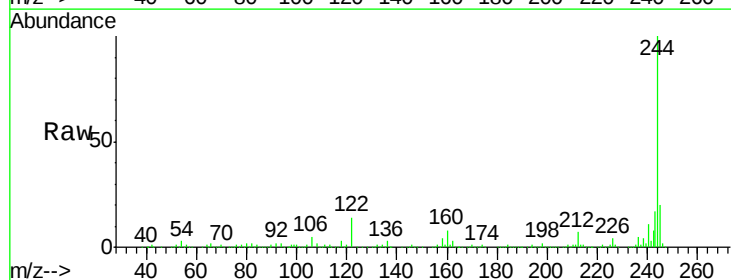
Instrument :
BNA_F
ClientSampleId :

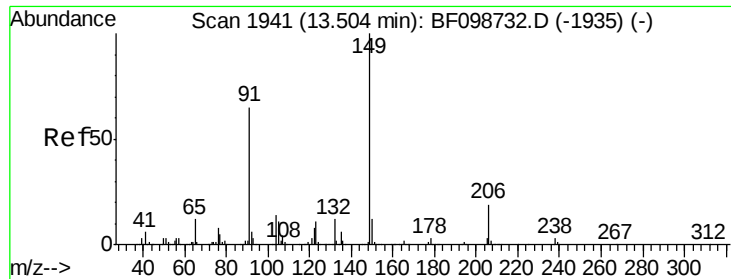
Tot Ion:202 Resp: 827881
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 106.44 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:244 Resp: 995981
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.9 11.0 16.4





#79

Butylbenzylphthalate

Concen: 46.94 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampled :

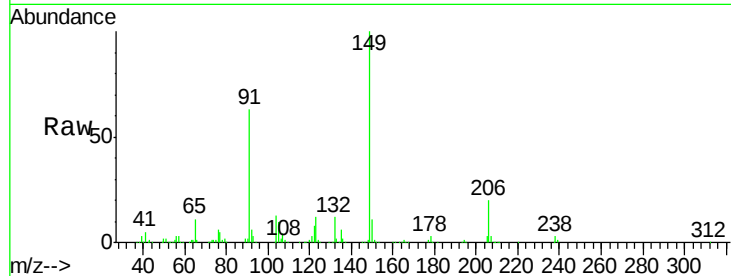
Tot Ion:149 Resp: 357971

Ion Ratio Lower Upper

149 100

91 63.4 56.8 85.2

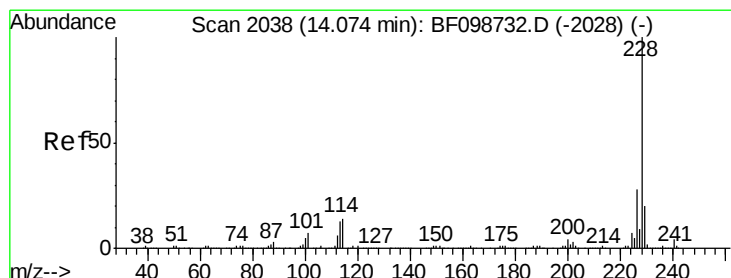
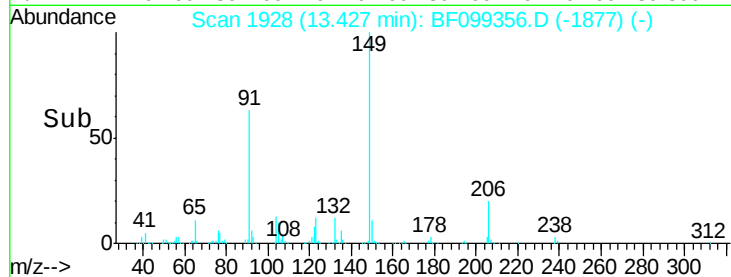
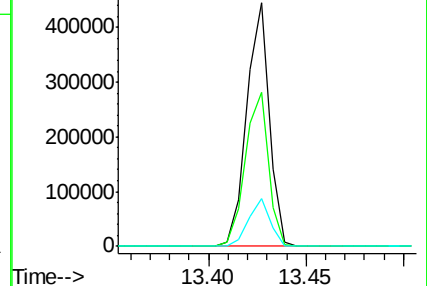
206 19.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.70 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

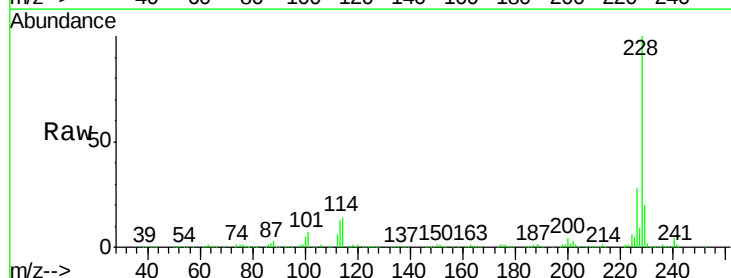
Tgt Ion:228 Resp: 563151

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

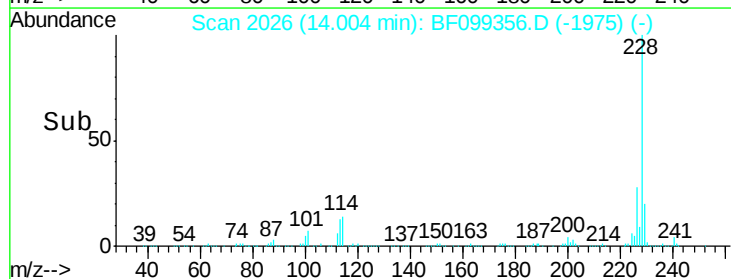
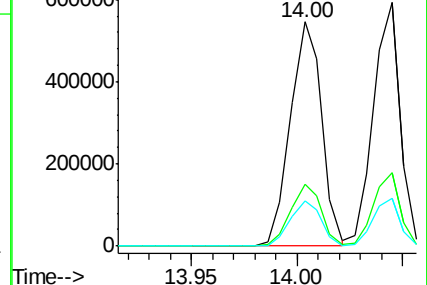
229 20.1 15.8 23.6

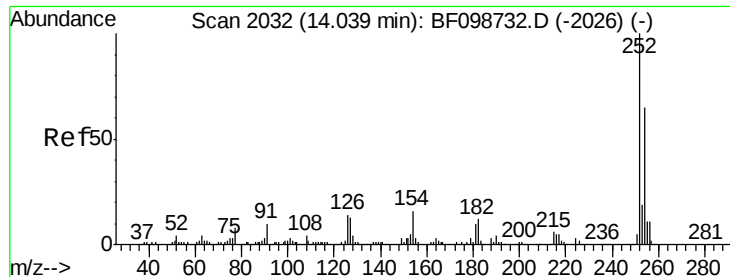


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

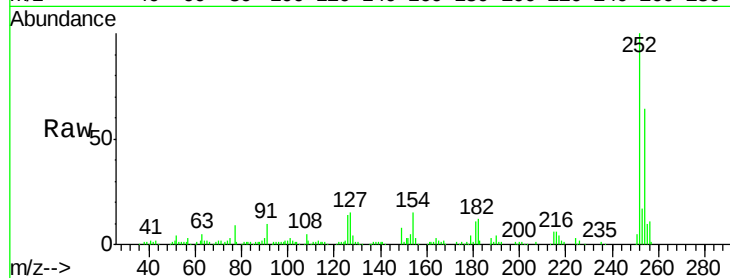




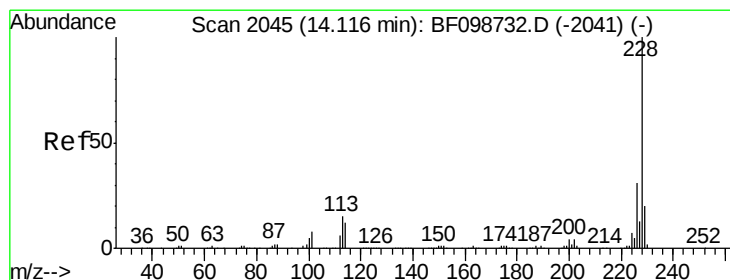
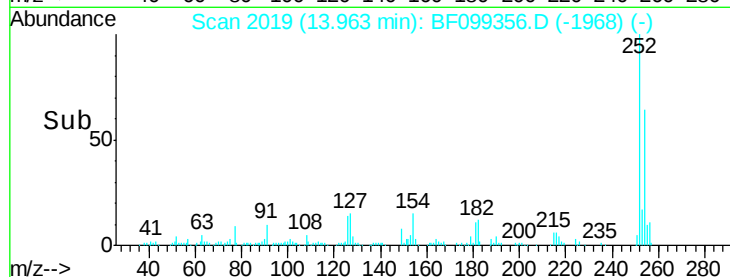
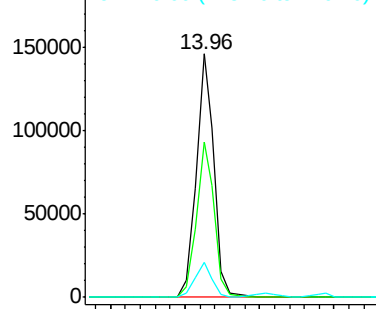
#81
 3,3'-Dichlorobenzidine
 Concen: 25.87 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	14.5	11.3	16.9

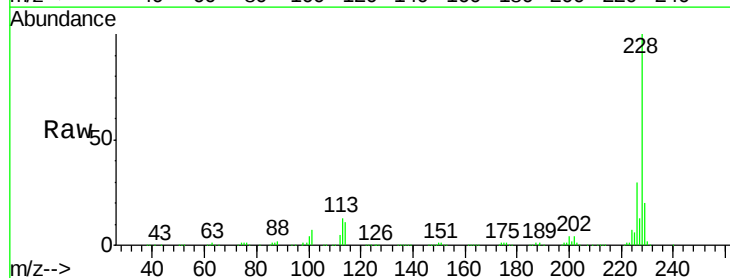


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

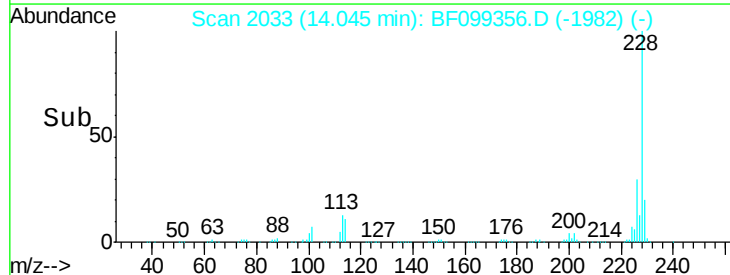
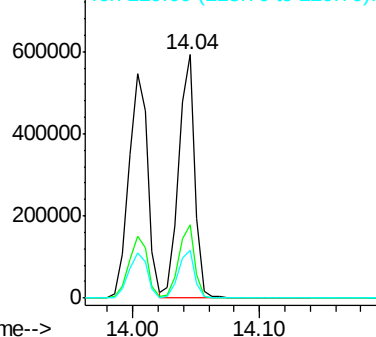


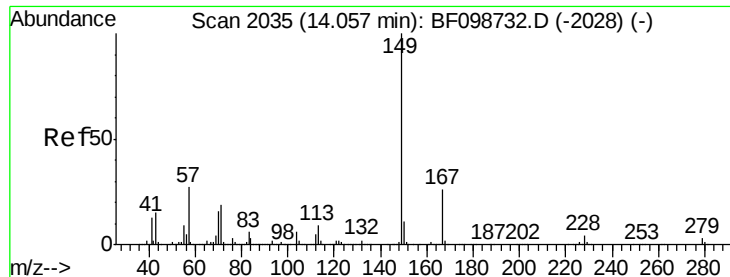
#82
 Chrysene
 Concen: 43.11 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.78 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

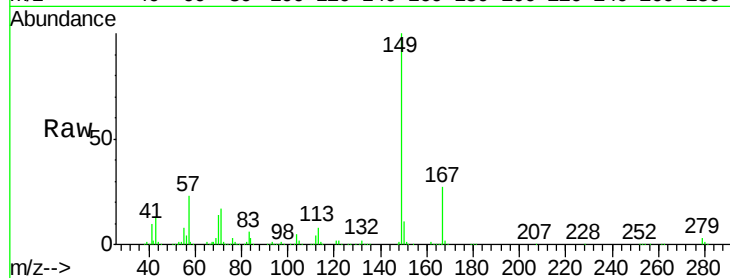
Tot Ion:149 Resp: 470178

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

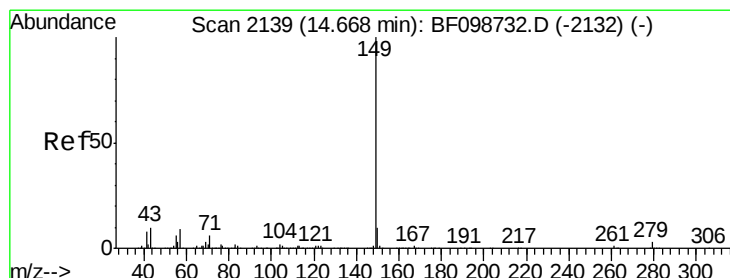
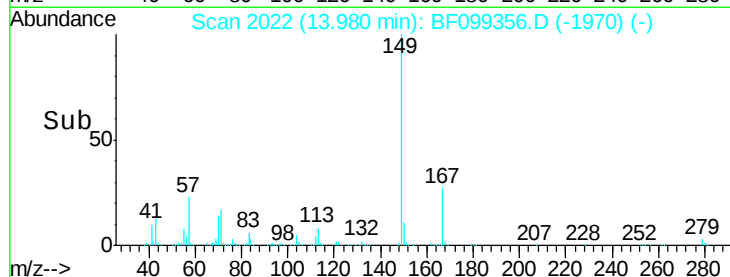
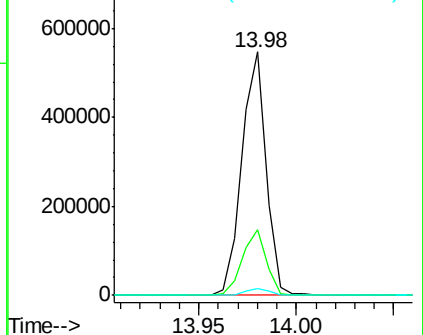
279 3.0 3.0 4.4



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: 37.27 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

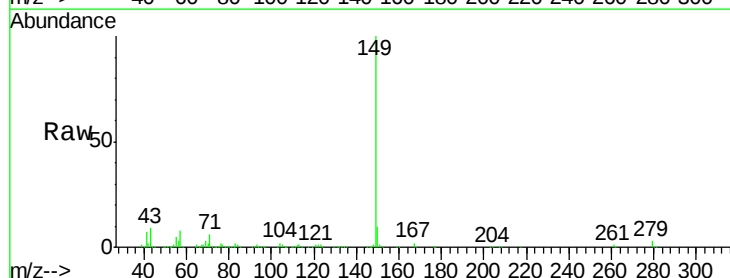
Tgt Ion:149 Resp: 630183

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

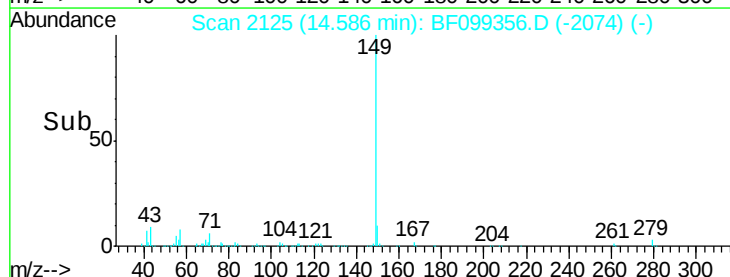
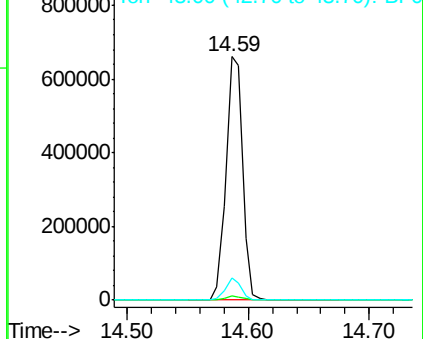
43 8.4 8.4 12.6#

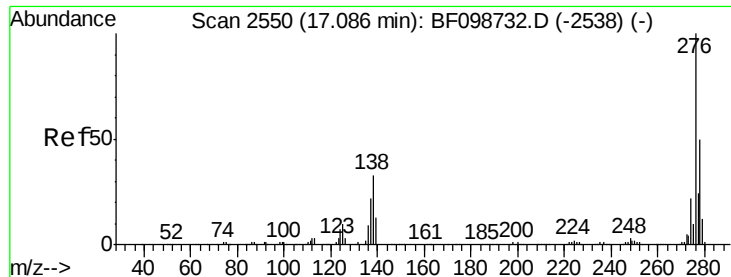


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

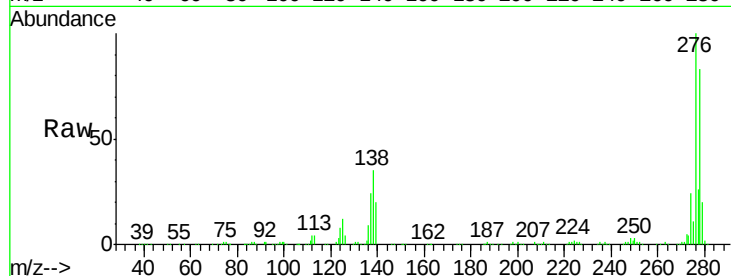




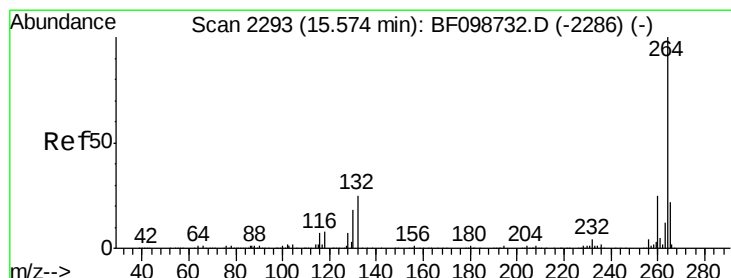
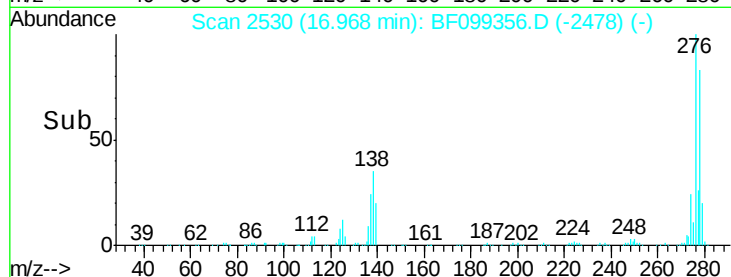
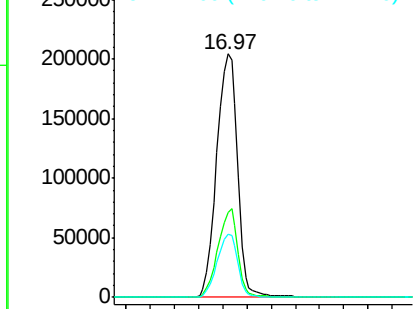
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.12 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.6	20.1	30.1

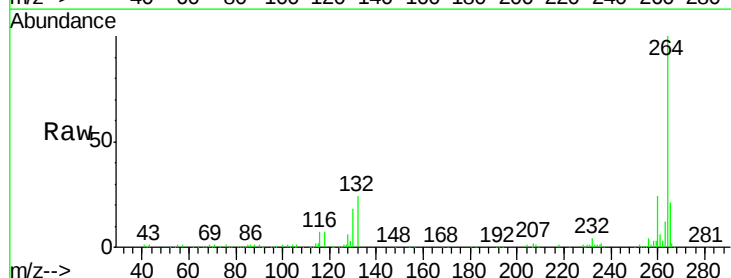


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

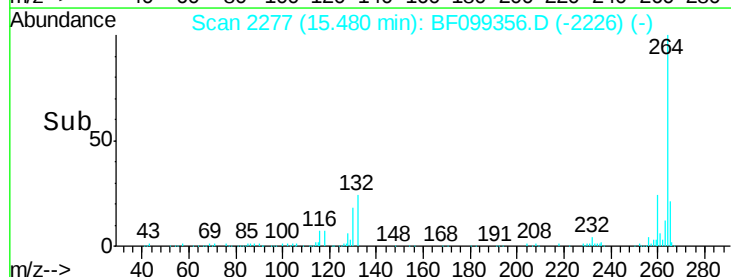
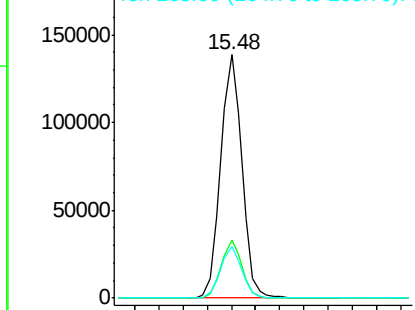


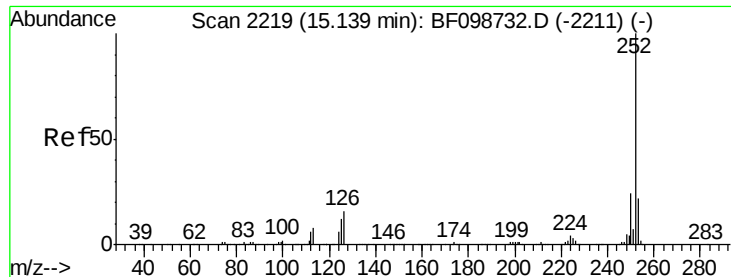
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

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

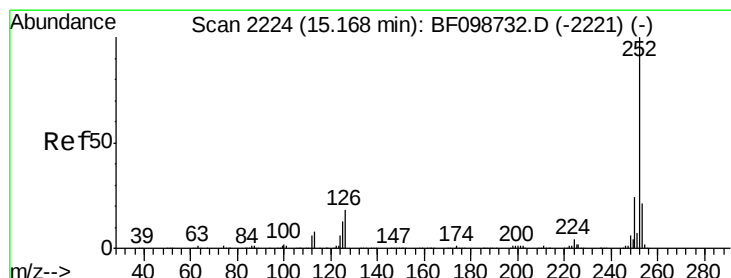
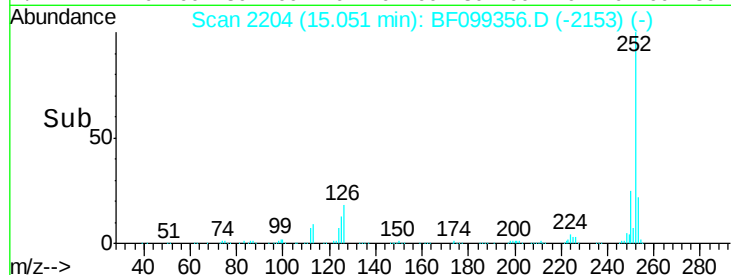
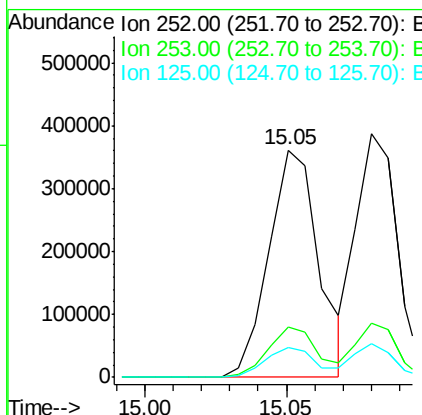
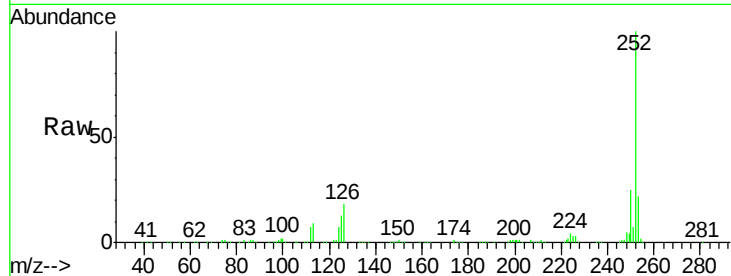




#87
Benzo(b)fluoranthene
Concen: 42.88 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

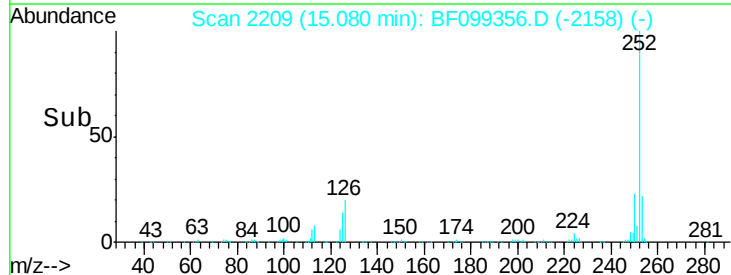
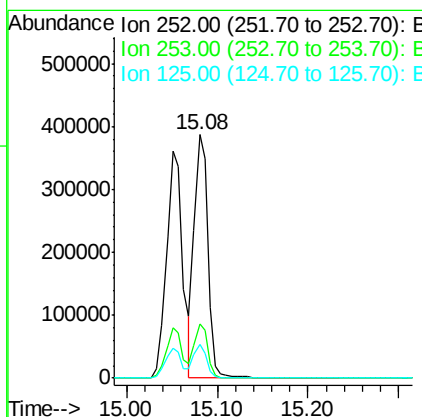
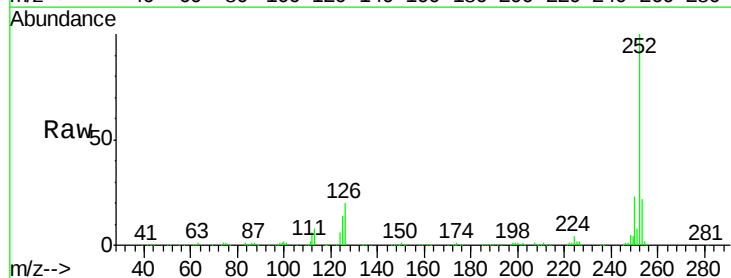
Instrument :
BNA_F
ClientSampleId :

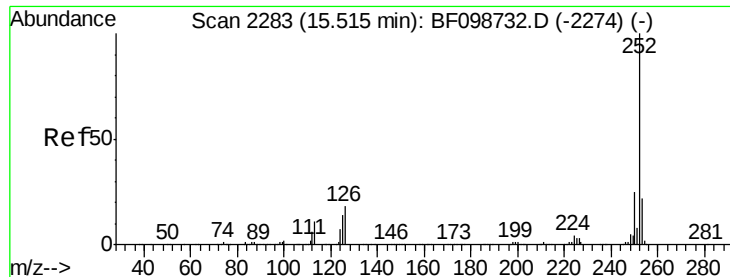
Tot Ion:252 Resp: 445719
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.07 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF099356.D
Acq: 11 Oct 2017 20:39

Tgt Ion:252 Resp: 401087
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.68 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

Instrument :

BNA_F

ClientSampleId :

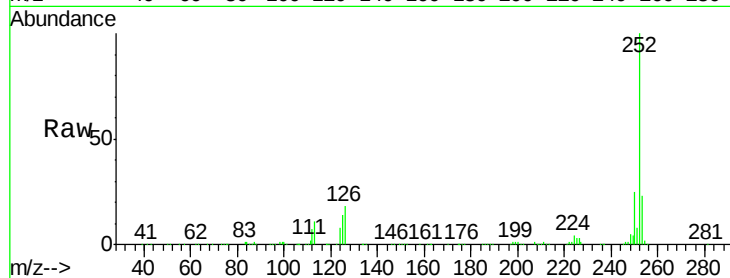
Tot Ion:252 Resp: 407204

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

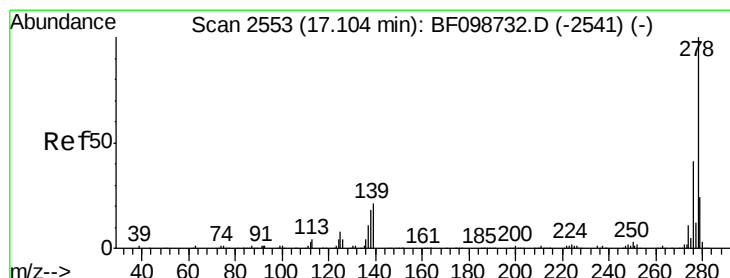
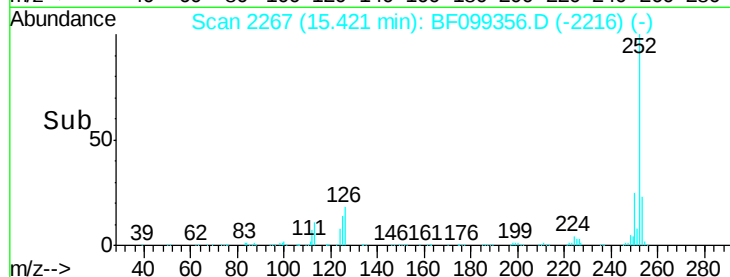
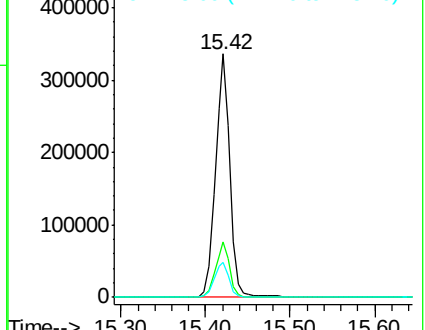
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.55 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099356.D

Acq: 11 Oct 2017 20:39

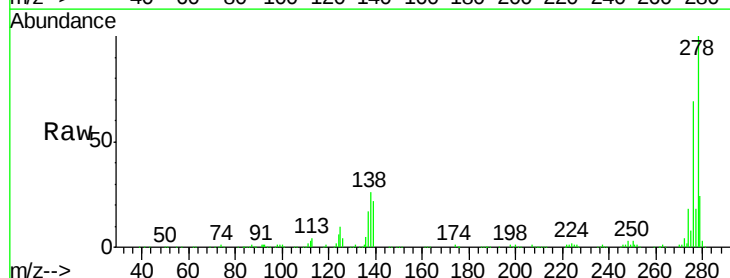
Tgt Ion:278 Resp: 408907

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

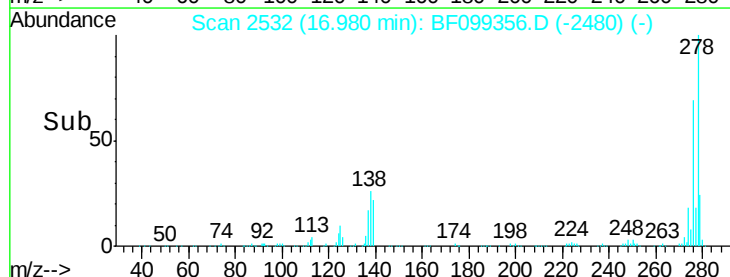
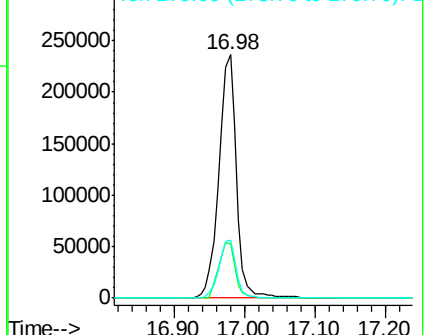
279 23.7 19.0 28.4

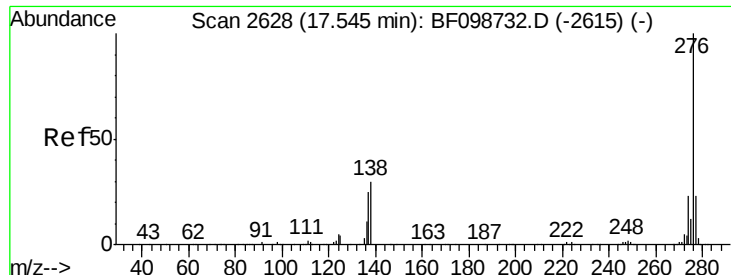


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

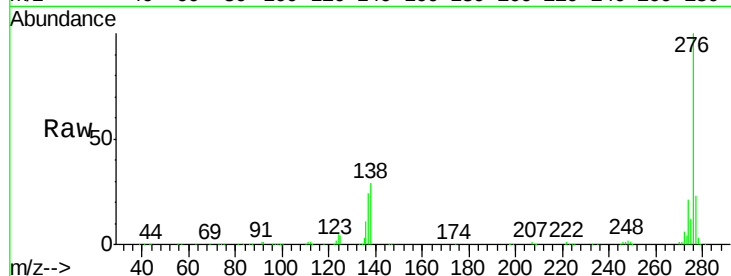




#91
 Benzo(a,h,i)perylene
 Concen: 58.07 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099356.D
 Acq: 11 Oct 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	28.9	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

