

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099036.D
 Acq On : 3 Oct 2017 17:53
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:38:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123014	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	503850	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	225259	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	386054	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	233601	20.00	ng	-0.05
86) Perylene-d12	15.51	264	188043	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	647367	83.77	ng	-0.05
7) Phenol-d6	6.50	99	799837	83.90	ng	-0.04
23) Nitrobenzene-d5	7.44	82	674623	85.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	157064	85.21	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1174441	87.04	ng	-0.05
78) Terphenyl-d14	12.98	244	990772	96.46	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	148920	40.34	ng	97
3) Pyridine	3.43	79	390082	39.06	ng	95
4) n-Nitrosodimethylamine	3.38	42	157715	37.25	ng	87
6) Aniline	6.54	93	526345	40.91	ng	98
8) 2-Chlorophenol	6.66	128	365254	41.74	ng	94
9) Benzaldehyde	6.43	77	207397	37.51	ng	96
10) Phenol	6.52	94	442107	41.47	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	340814	41.12	ng	99
12) 1,3-Dichlorobenzene	6.82	146	375335	40.95	ng	99
13) 1,4-Dichlorobenzene	6.89	146	387917	41.60	ng	99
14) 1,2-Dichlorobenzene	7.05	146	357778	41.53	ng	99
15) Benzyl Alcohol	7.02	79	279378	39.95	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	502669	38.93	ng	98
17) 2-Methylphenol	7.12	107	293834	41.04	ng	97
18) Hexachloroethane	7.39	117	135902	40.55	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	234059	38.46	ng	97
20) 3+4-Methylphenols	7.27	107	362690	40.04	ng	94
22) Acetophenone	7.29	105	486470	39.85	ng	# 96
24) Nitrobenzene	7.46	77	369659	41.48	ng	93
25) Isophorone	7.70	82	656259	40.40	ng	99
26) 2-Nitrophenol	7.77	139	201276	46.96	ng	91
27) 2,4-Dimethylphenol	7.80	122	333770	41.24	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	417553	41.25	ng	99
29) 2,4-Dichlorophenol	8.01	162	296714	42.70	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	295888	42.57	ng	98
31) Naphthalene	8.18	128	986808	41.70	ng	100
32) Benzoic acid	7.93	122	264457	39.78	ng	98
33) 4-Chloroaniline	8.23	127	414290	41.92	ng	98
34) Hexachlorobutadiene	8.29	225	149332	41.71	ng	99
35) Caprolactam	8.60	113	88943	39.90	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	319117	40.86	ng	97
37) 2-Methylnaphthalene	8.87	142	635882	41.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288667	42.97	ng	99
40) Hexachlorocyclopentadiene	9.02	237	122350	39.85	ng	98

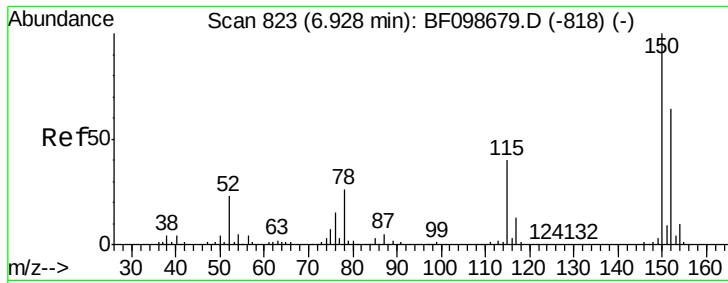
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099036.D
 Acq On : 3 Oct 2017 17:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:38:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	197999	41.60	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	200061	42.11	nq	93
45) 1,1'-Biphenyl	9.33	154	816558	42.18	nq	100
46) 2-Chloronaphthalene	9.36	162	614679	42.29	nq	96
47) 2-Nitroaniline	9.46	65	184660	41.49	nq	93
48) Acenaphthylene	9.77	152	932433	41.90	nq	99
49) Dimethylphthalate	9.63	163	695420	40.90	nq	100
50) 2,6-Dinitrotoluene	9.70	165	157292	42.50	nq	91
51) Acenaphthene	9.95	154	594585	42.18	nq	99
52) 3-Nitroaniline	9.87	138	185851	43.06	nq	92
53) 2,4-Dinitrophenol	9.97	184	77536	43.13	nq	91
54) Dibenzofuran	10.12	168	785379	41.85	nq	99
55) 4-Nitrophenol	10.02	139	144420	39.58	nq	88
56) 2,4-Dinitrotoluene	10.10	165	208292	43.36	nq	# 83
57) Fluorene	10.46	166	628769	41.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	135556	41.31	nq	98
59) Diethylphthalate	10.33	149	672431	40.48	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	282205	41.65	nq	97
61) 4-Nitroaniline	10.48	138	181786	43.66	nq	91
62) Azobenzene	10.61	77	603480	39.51	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	109528	46.63	nq	90
65) n-Nitrosodiphenylamine	10.57	169	566583	42.36	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	164163	43.44	nq	98
67) Hexachlorobenzene	11.01	284	170320	42.20	nq	97
68) Atrazine	11.10	200	169573	42.14	nq	99
69) Pentachlorophenol	11.20	266	95797	38.14	nq	97
70) Phenanthrene	11.43	178	857850	41.51	nq	99
71) Anthracene	11.47	178	869623	41.13	nq	100
72) Carbazole	11.63	167	843890	40.76	nq	100
73) Di-n-butylphthalate	11.95	149	1019248	40.90	nq	99
74) Fluoranthene	12.61	202	826565	39.50	nq	99
76) Benzidine	12.73	184	408824	47.32	nq	97
77) Pyrene	12.84	202	841723	47.25	nq	99
79) Butylbenzylphthalate	13.45	149	368379	44.00	nq	96
80) Benzo(a)anthracene	14.03	228	595846	42.12	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	220276	42.48	nq	99
82) Chrysene	14.06	228	566042	42.03	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	474321	41.15	nq	# 99
84) Di-n-octyl phthalate	14.62	149	712937	38.41	nq	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	487522	45.26	nq	96
87) Benzo(b)fluoranthene	15.08	252	479960	41.51	nq	97
88) Benzo(k)fluoranthene	15.11	252	468233	41.00	nq	99
89) Benzo(a)pyrene	15.45	252	449195	42.33	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	399266	47.01	nq	96
91) Benzo(g,h,i)perylene	17.45	276	407534	48.54	nq	98

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

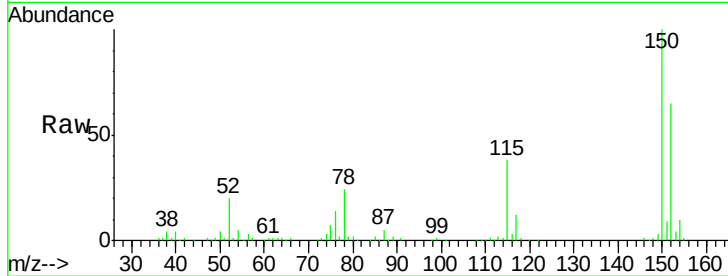


#1

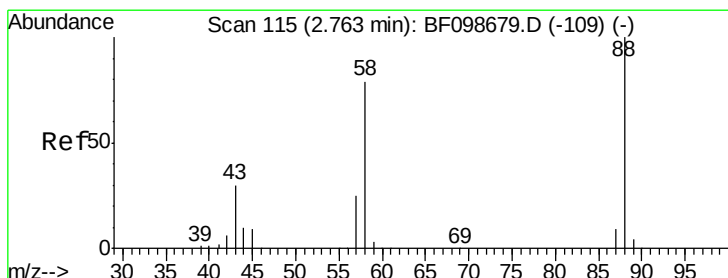
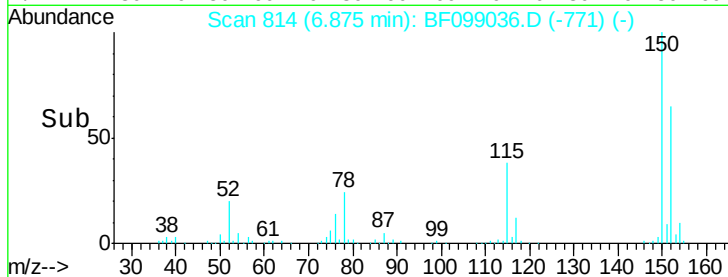
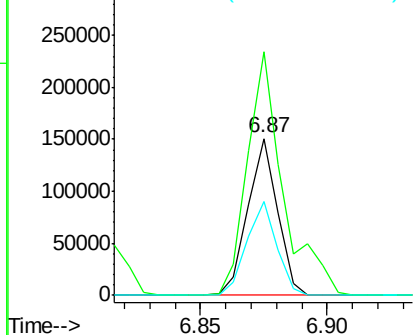
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123014
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.6 50.1 75.1



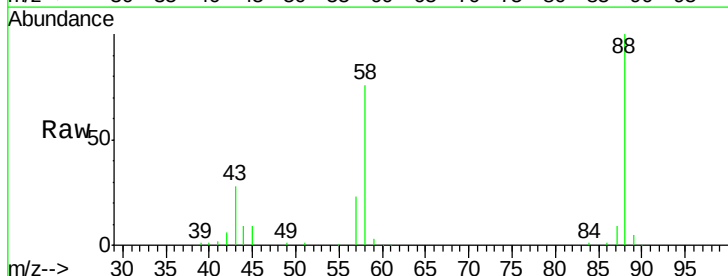
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



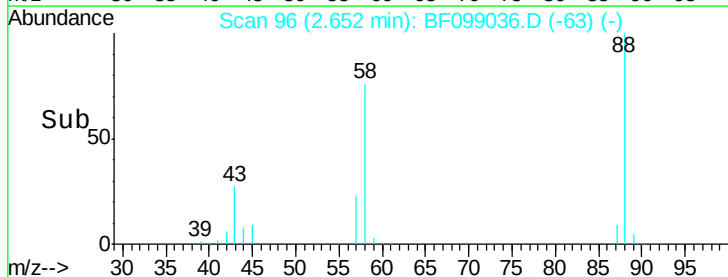
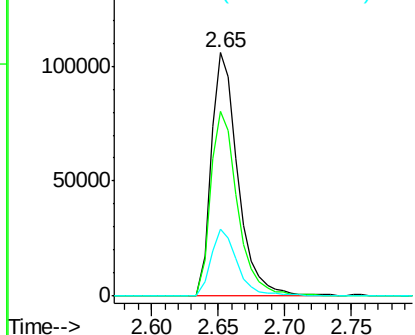
#2

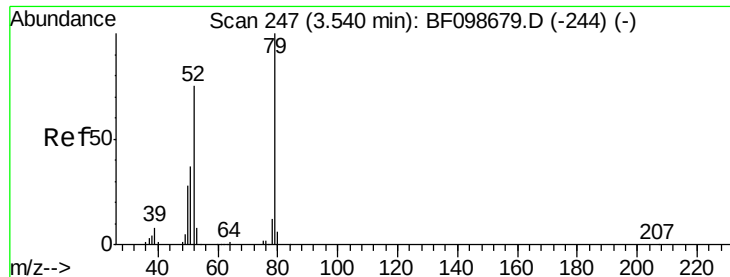
1,4-Dioxane
Concen: 40.34 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.11 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion: 88 Resp: 148920
Ion Ratio Lower Upper
88 100
58 76.6 62.6 93.8
43 27.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.06 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.10 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

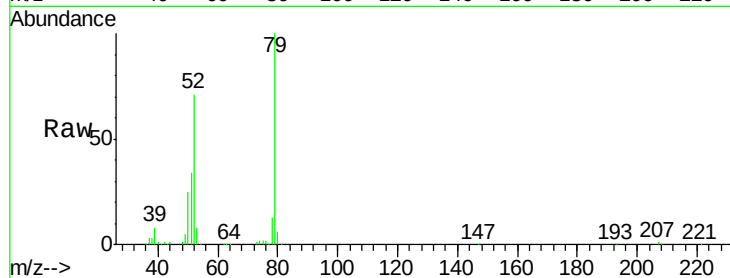
Tot Ion: 79 Resp: 390082

Ion Ratio Lower Upper

79 100

52 71.2 59.8 89.6

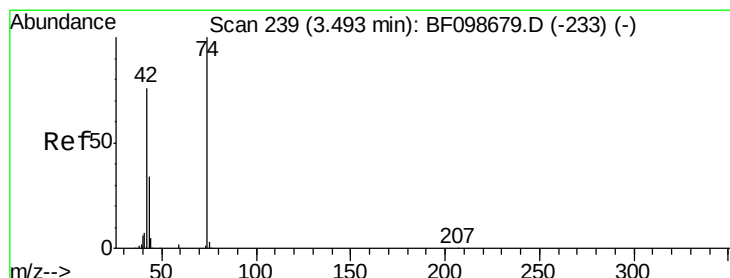
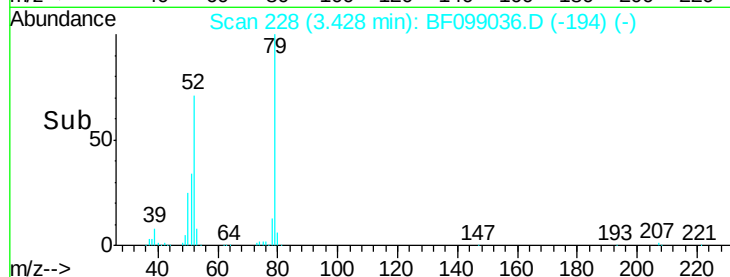
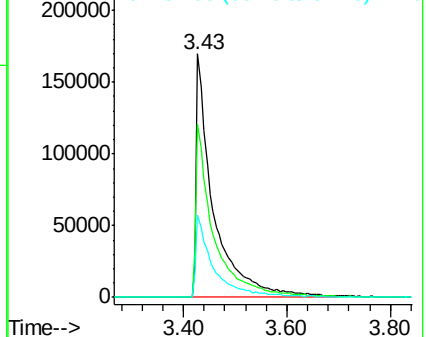
51 33.6 29.8 44.8



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: 37.25 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.11 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

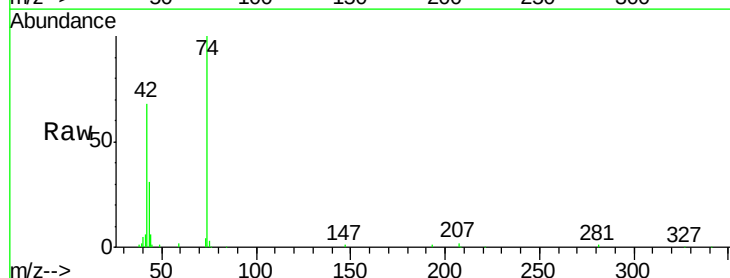
Tgt Ion: 42 Resp: 157715

Ion Ratio Lower Upper

42 100

74 147.8 104.9 157.3

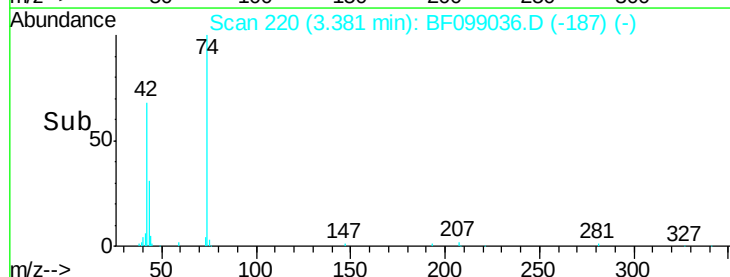
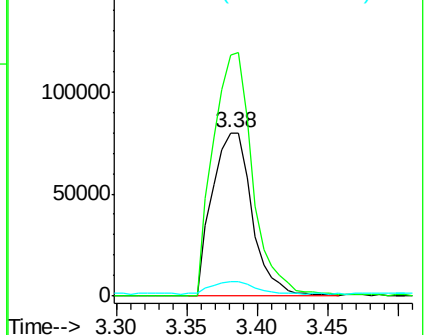
44 8.8 6.9 10.3

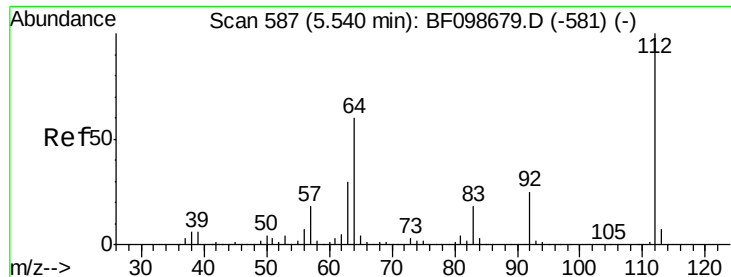


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.77 ng

RT: 5.49 min Scan# 578

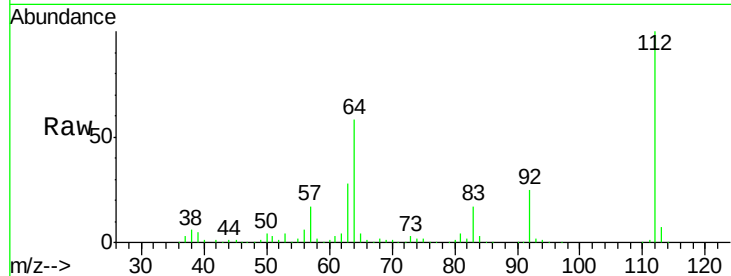
Delta R.T. -0.05 min

Lab File: BF099036.D

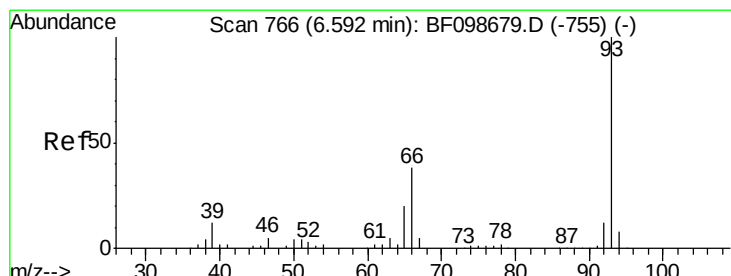
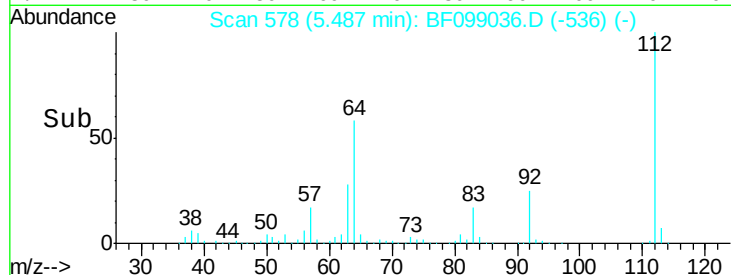
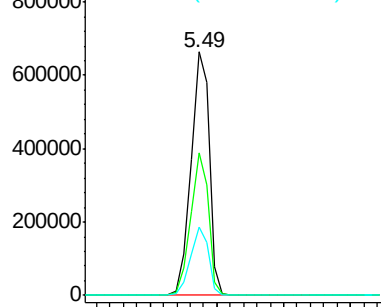
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	647367
Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 40.91 ng

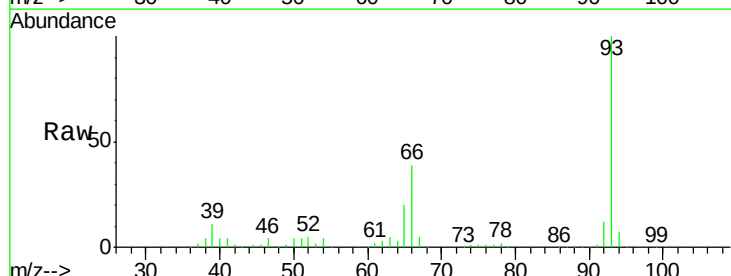
RT: 6.54 min Scan# 757

Delta R.T. -0.05 min

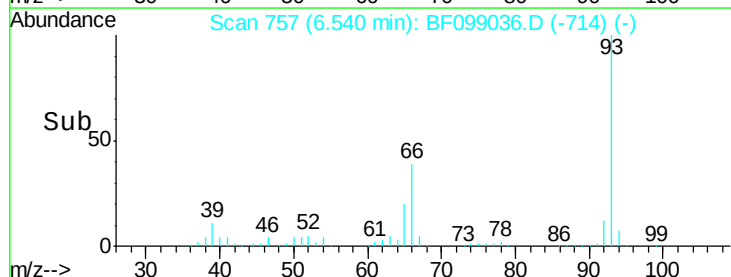
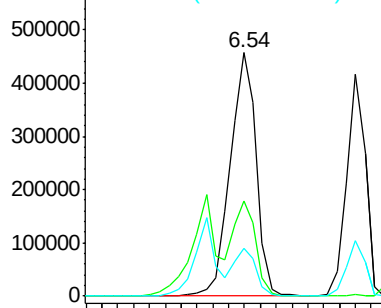
Lab File: BF099036.D

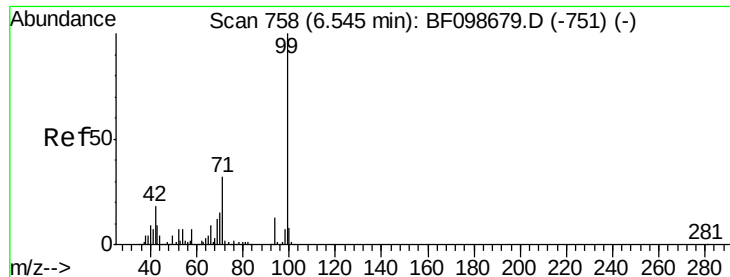
Acq: 3 Oct 2017 17:53

Tgt Ion:	93	Resp:	526345
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 83.90 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

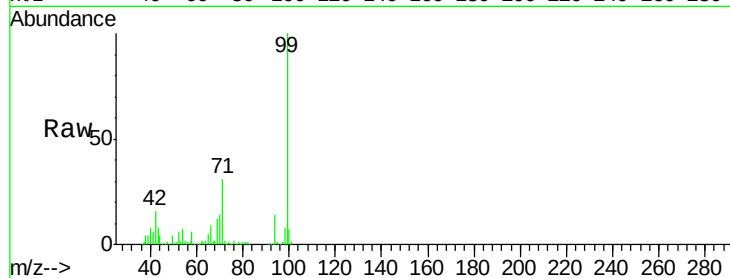
Tot Ion: 99 Resp: 799837

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	30.9	25.4	38.0

99 100

42 16.1 14.5 21.7

71 30.9 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

800000

600000

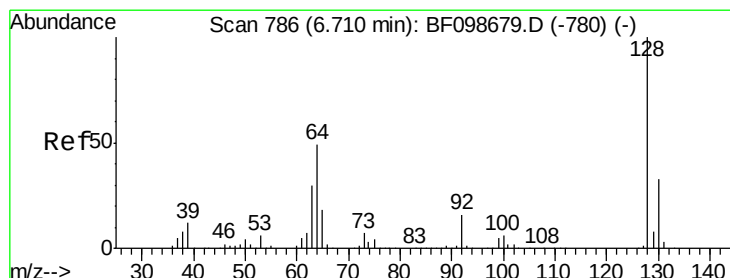
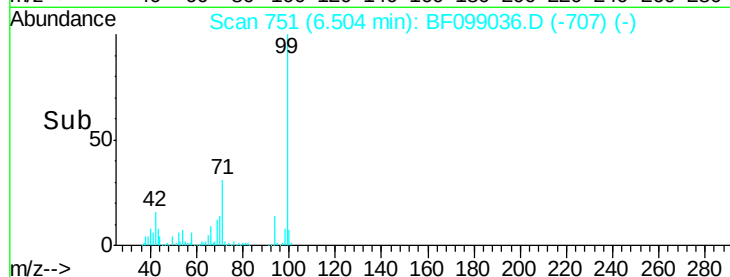
400000

200000

0

6.45 6.50 6.55 6.60

Time-->



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

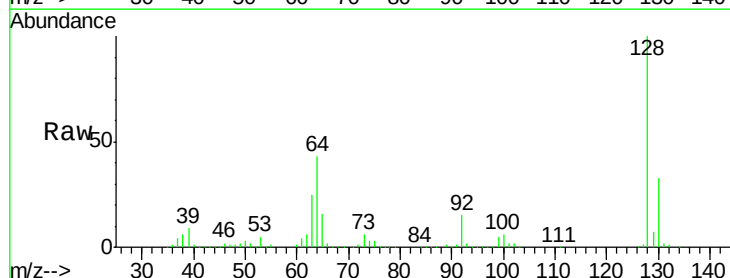
Tgt Ion: 128 Resp: 365254

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	42.5	29.4	69.4

128 100

130 32.8 13.0 53.0

64 42.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

500000

400000

300000

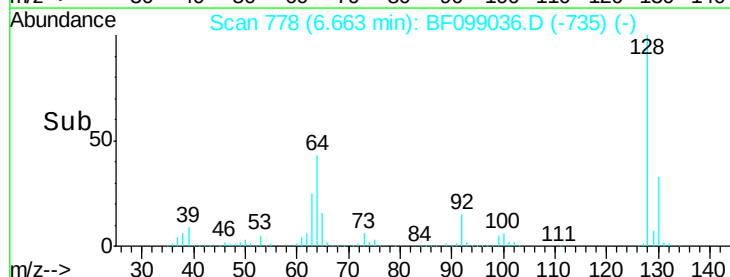
200000

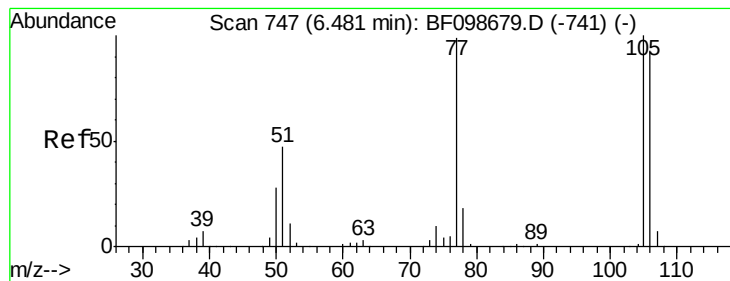
100000

0

6.60 6.65 6.70

Time-->





#9

Benzaldehyde

Concen: 37.51 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

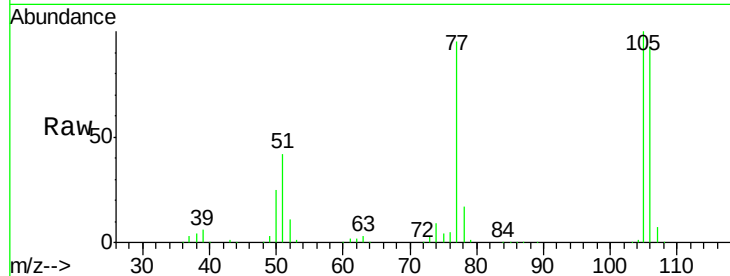
Tot Ion: 77 Resp: 207397

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

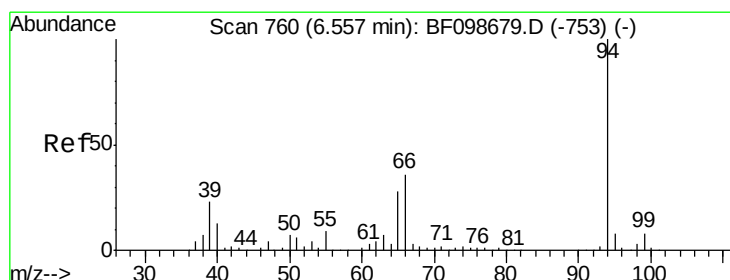
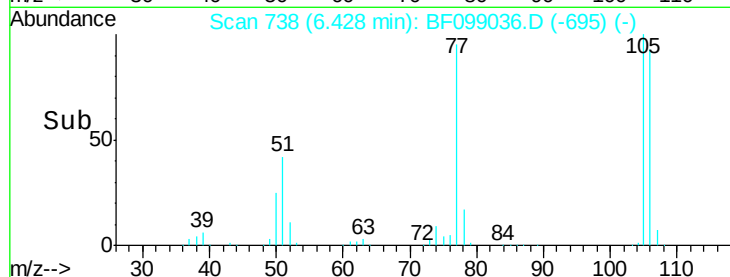
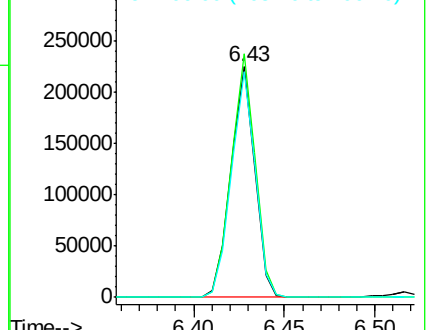
106 97.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.47 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

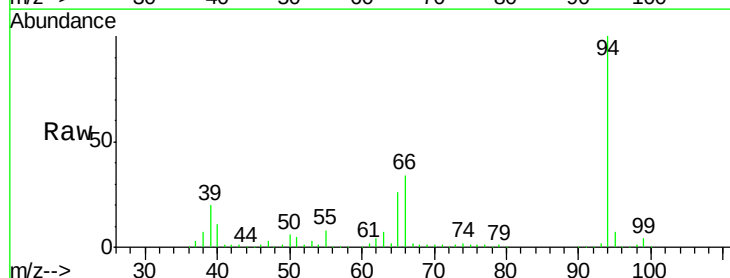
Tgt Ion: 94 Resp: 442107

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

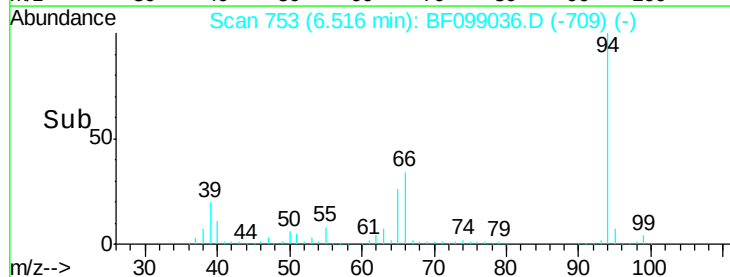
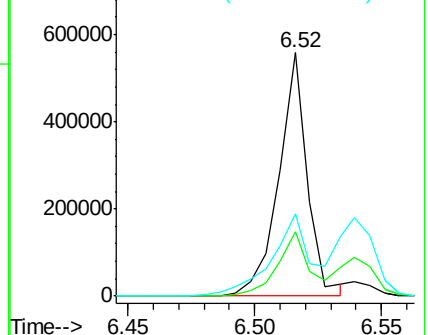
66 34.0 16.2 56.2

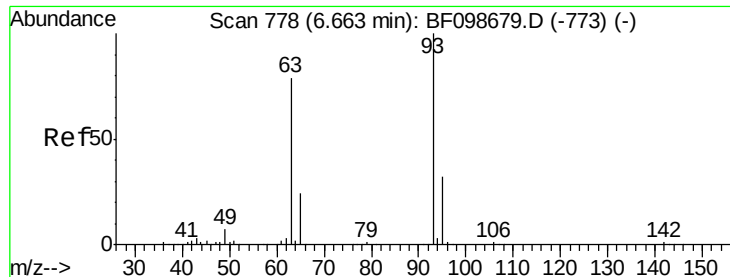


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.12 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

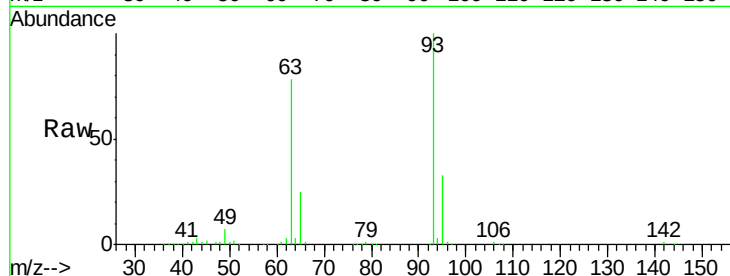
Tot Ion: 93 Resp: 340814

Ion Ratio Lower Upper

93 100

63 78.3 58.6 98.6

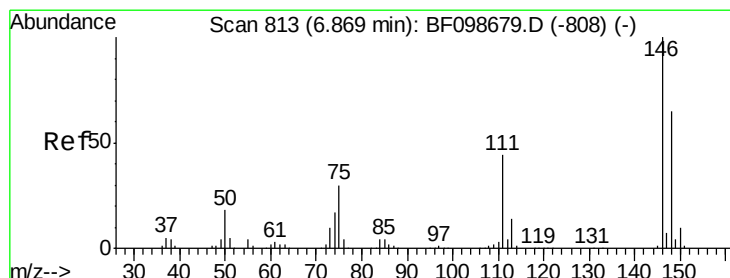
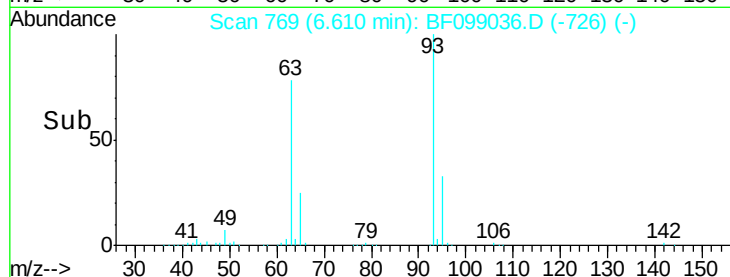
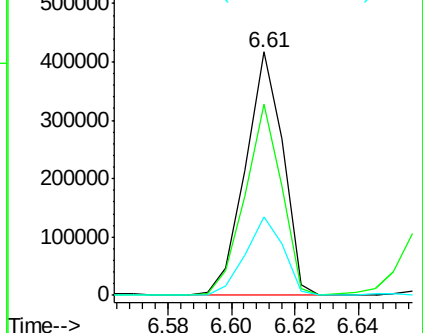
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.95 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

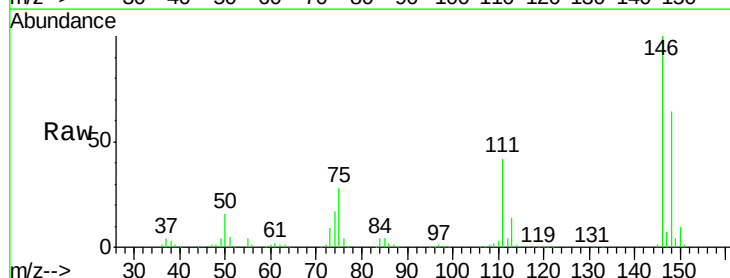
Tgt Ion: 146 Resp: 375335

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

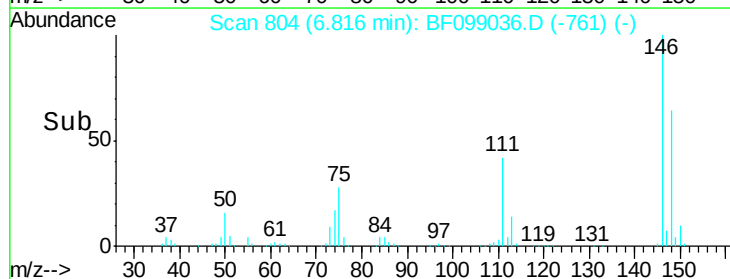
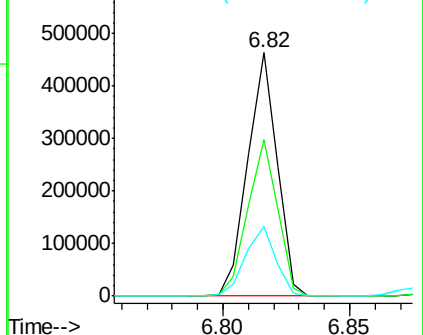
75 28.4 24.2 36.4

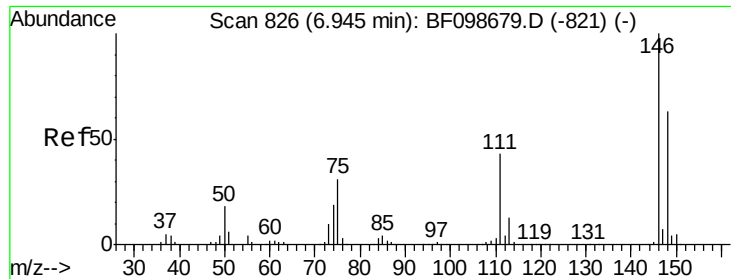


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

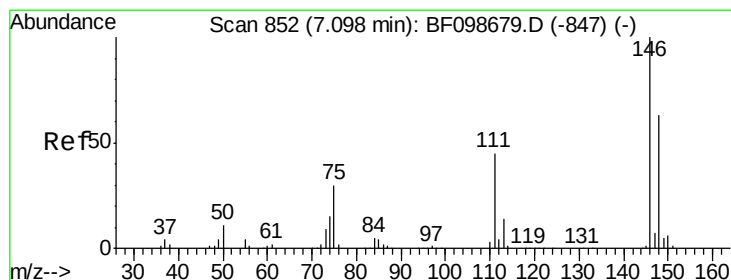
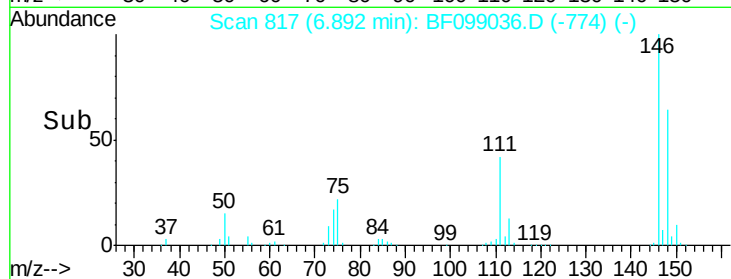
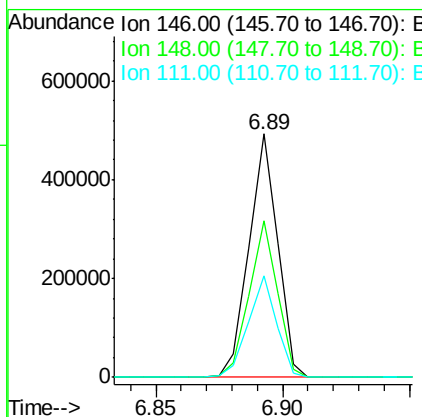
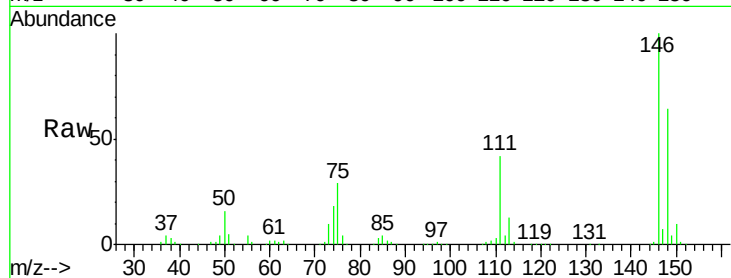




#13
 1,4-Dichlorobenzene
 Concen: 41.60 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

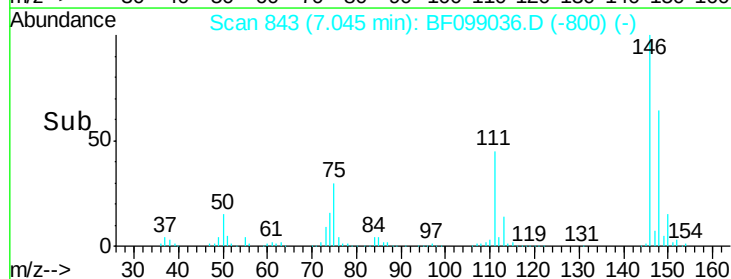
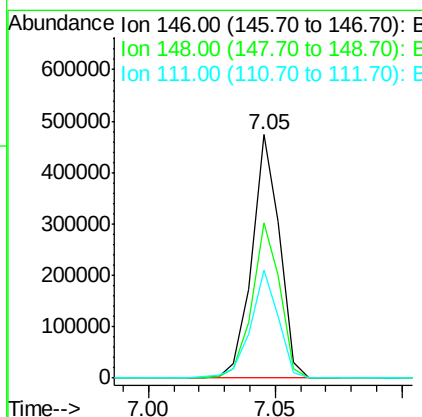
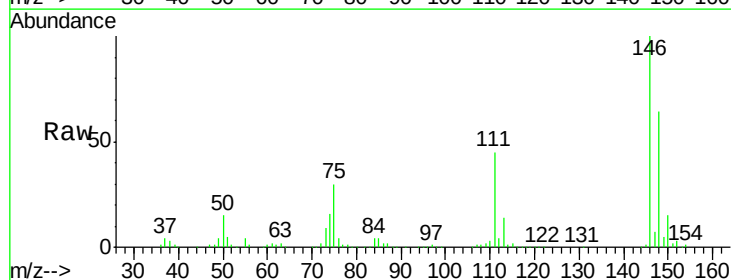
Instrument :
 BNA_F
 ClientSampleId :

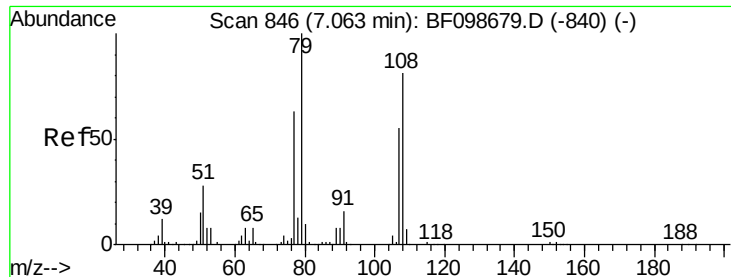
Tot Ion:146 Resp: 387917
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.53 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:146 Resp: 357778
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.95 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

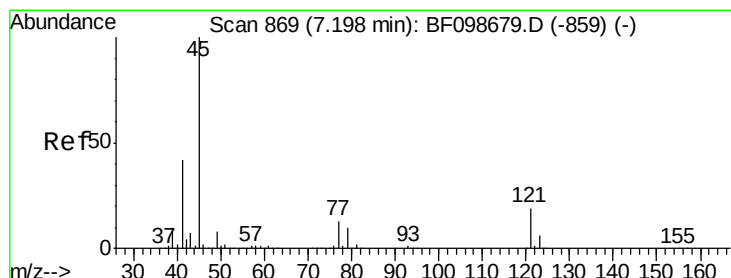
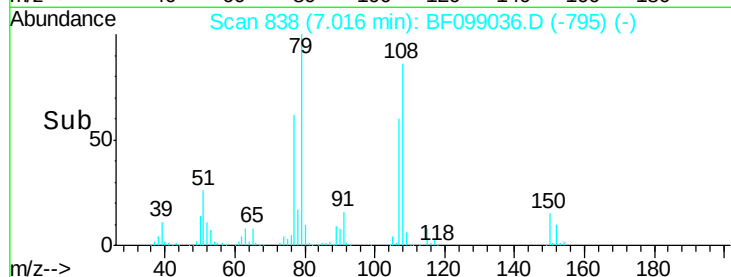
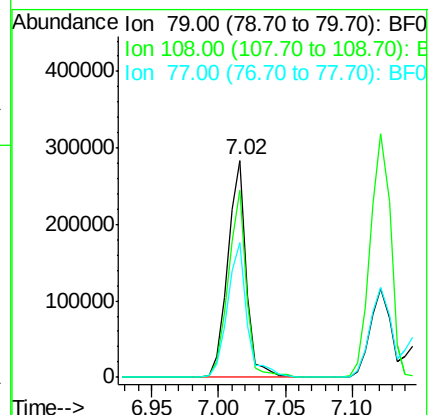
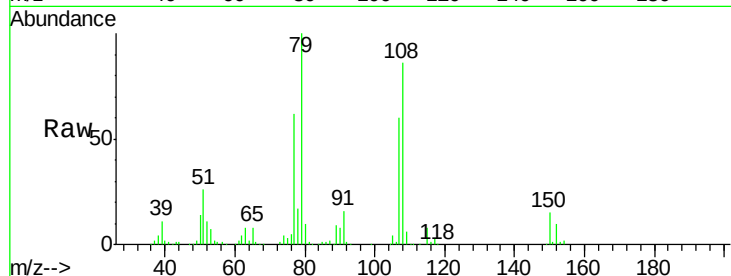
Tot Ion: 79 Resp: 279378

Ion Ratio Lower Upper

79 100

108 86.3 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.93 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

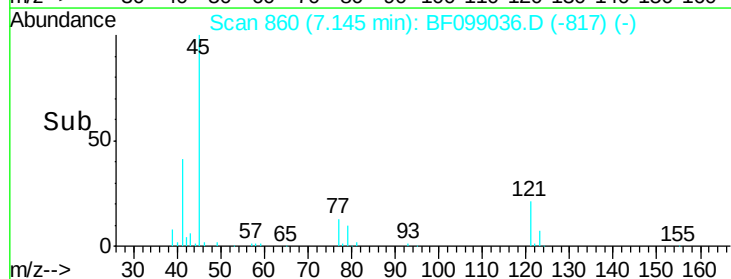
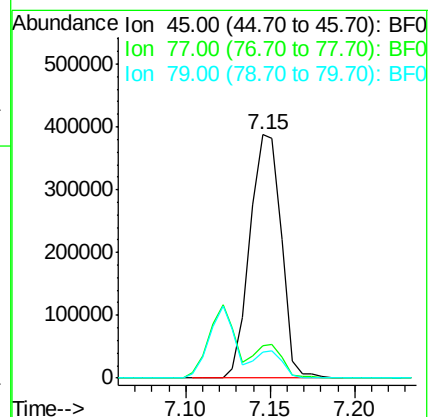
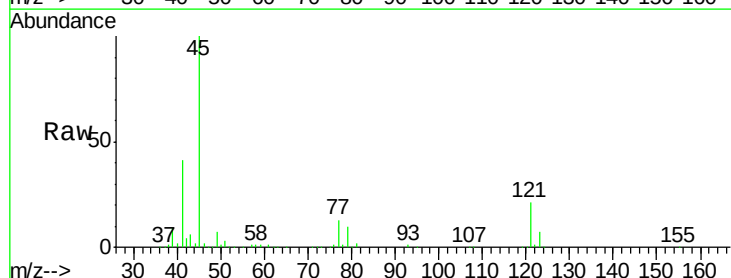
Tgt Ion: 45 Resp: 502669

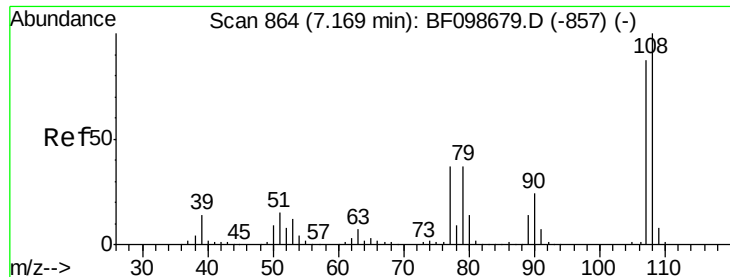
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.5 0.0 29.6

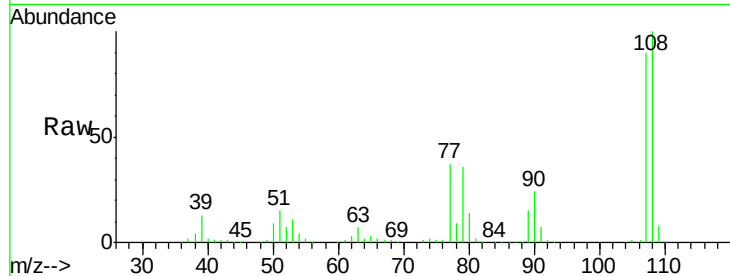




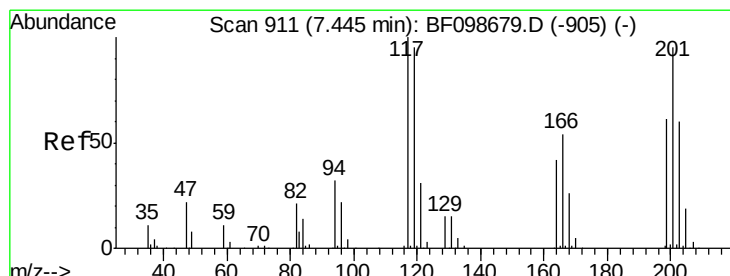
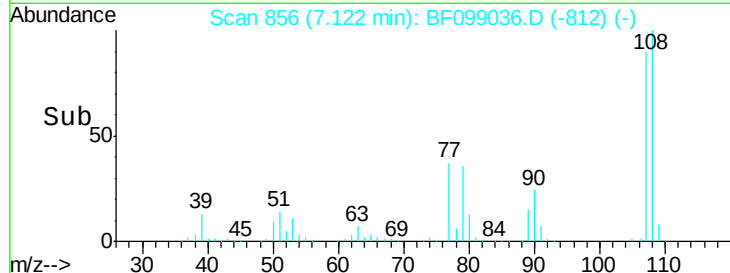
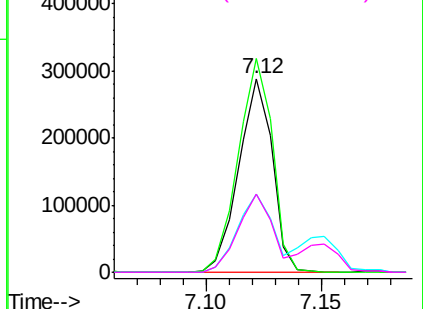
#17
2-Methylphenol
Concen: 41.04 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 293834
Ion Ratio Lower Upper
107 100
108 110.5 91.7 137.5
77 40.7 33.8 50.8
79 40.2 33.8 50.8

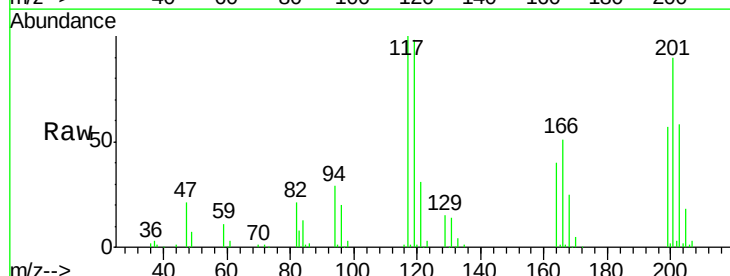


Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
400000
Ion 77.00 (76.70 to 77.70): BF0
300000
Ion 79.00 (78.70 to 79.70): BF0
200000
100000
0

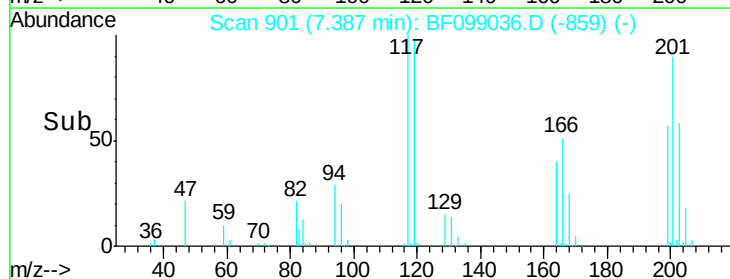
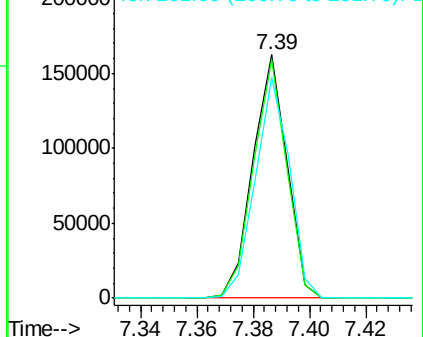


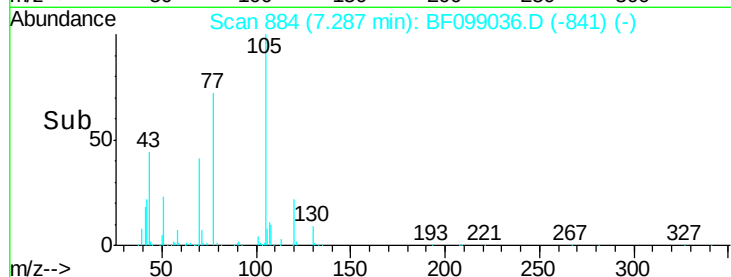
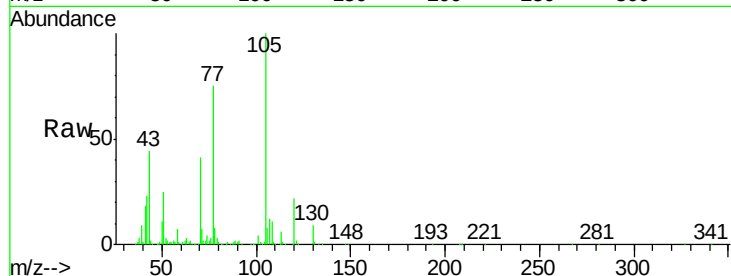
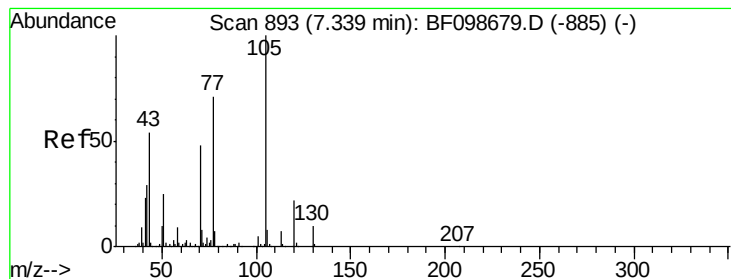
#18
Hexachloroethane
Concen: 40.55 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:117 Resp: 135902
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 90.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 38.46 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 234059

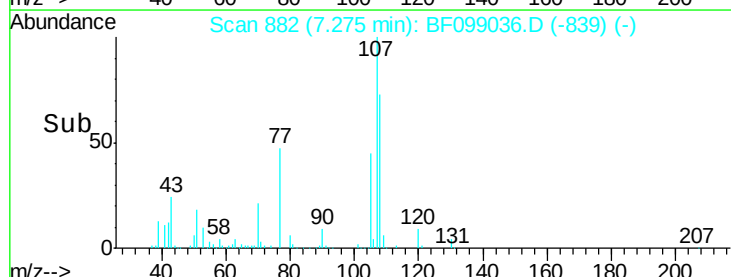
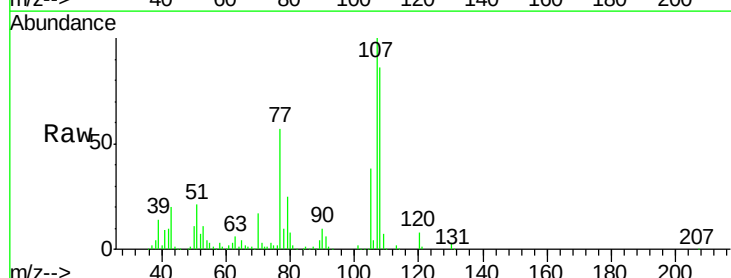
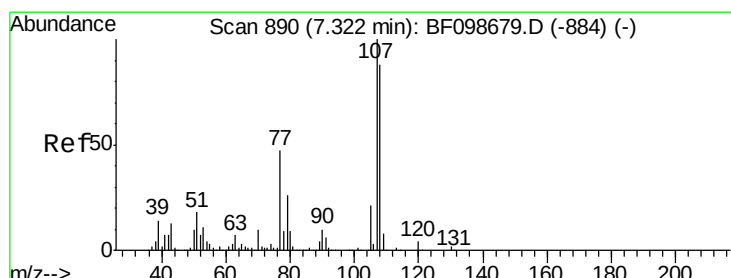
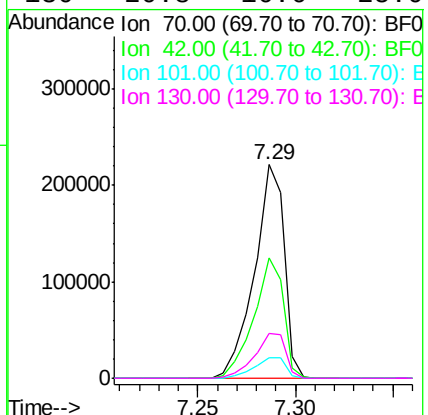
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 9.9 7.4 11.2

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.04 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Tgt Ion: 107 Resp: 362690

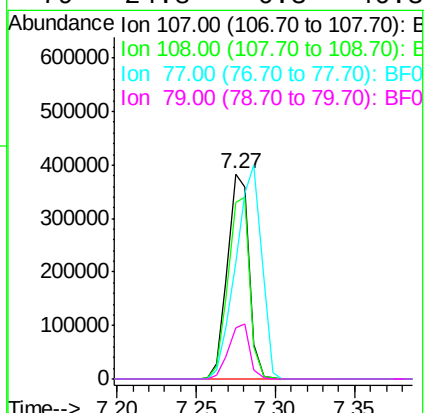
Ion Ratio Lower Upper

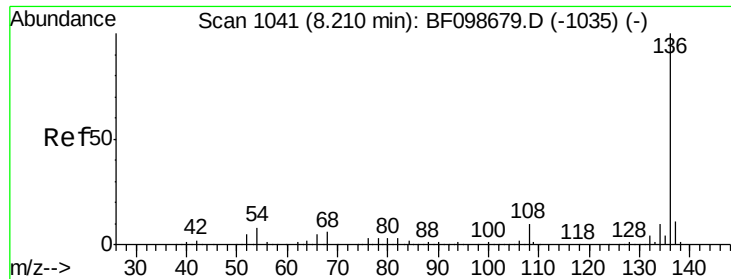
107 100

108 85.8 68.2 108.2

77 56.5 26.7 66.7

79 24.8 6.3 46.3

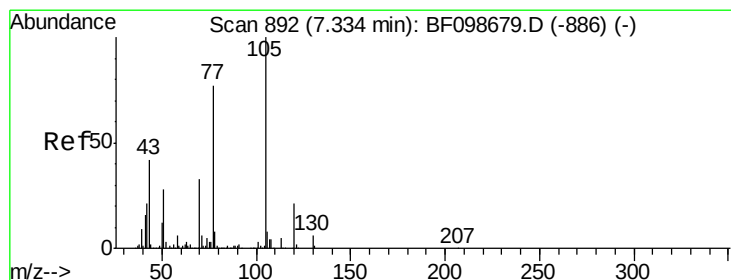
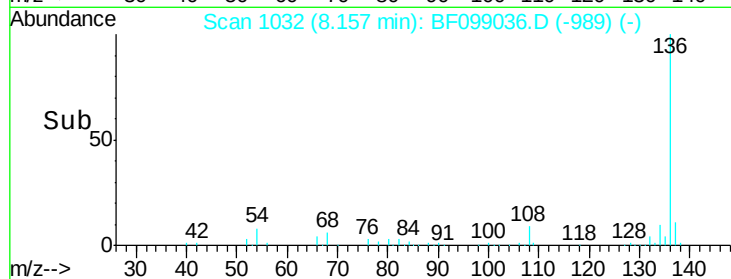
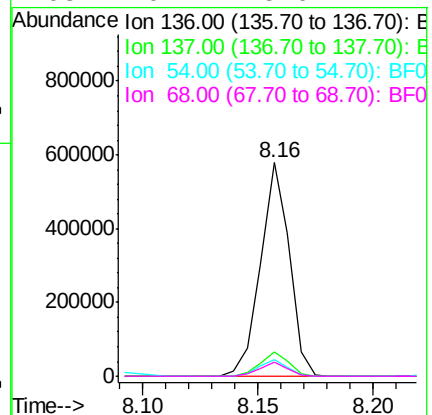
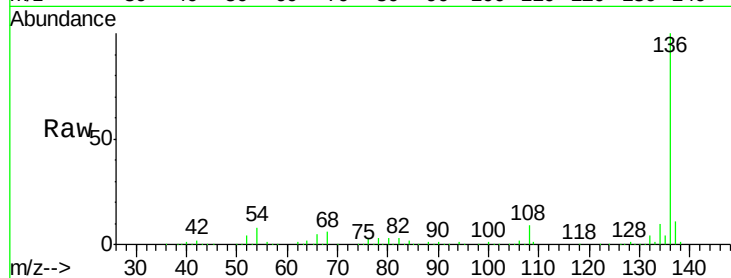




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

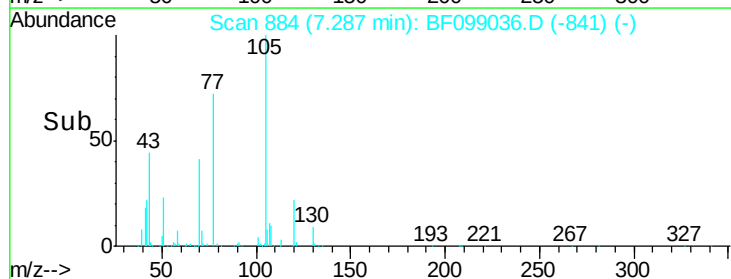
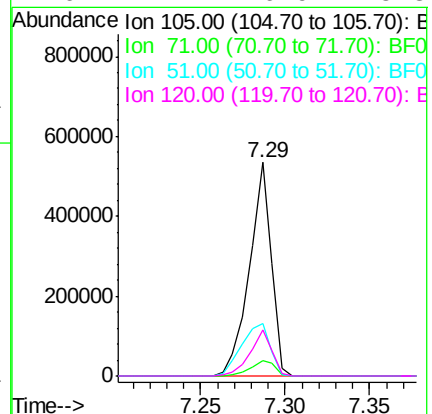
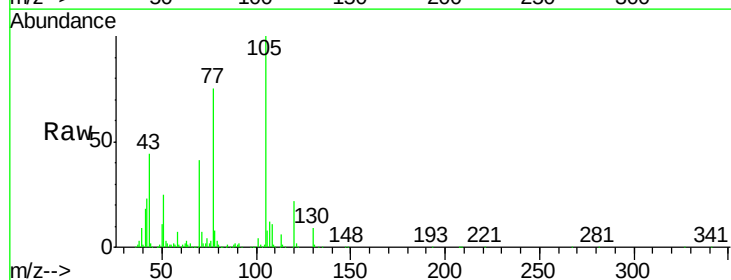
Instrument :
BNA_F
ClientSampleId :

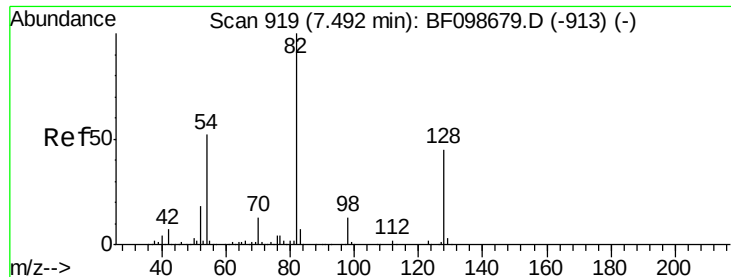
Tot Ion:136	Resp:	503850
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.0	6.6 9.8
68	6.4	5.0 7.4



#22
Acetophenone
Concen: 39.85 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:105	Resp:	486470
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	24.7	22.3 33.5
120	21.7	16.9 25.3

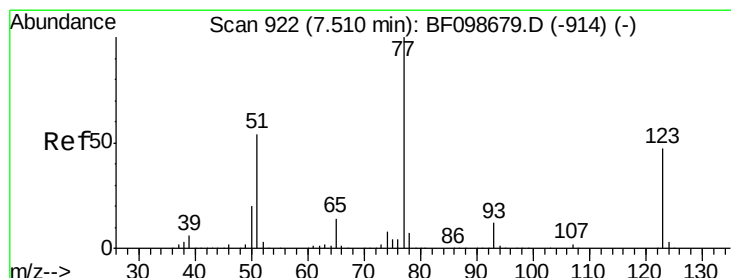
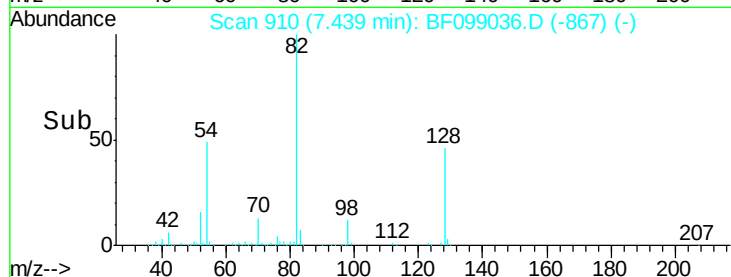
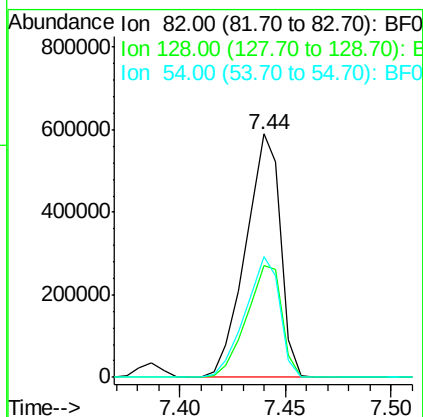
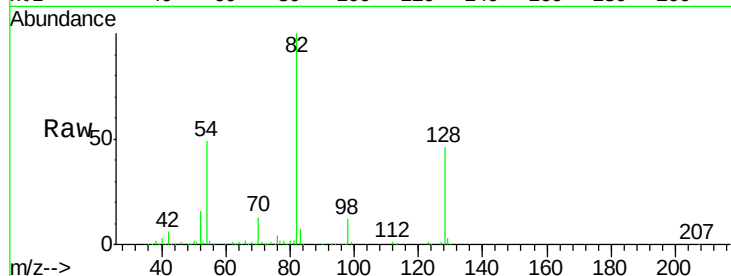




#23
Nitrobenzene-d5
Concen: 85.87 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

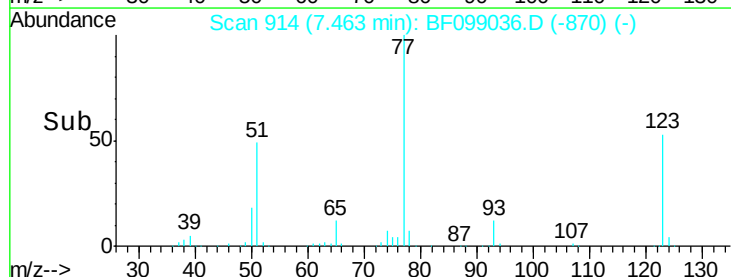
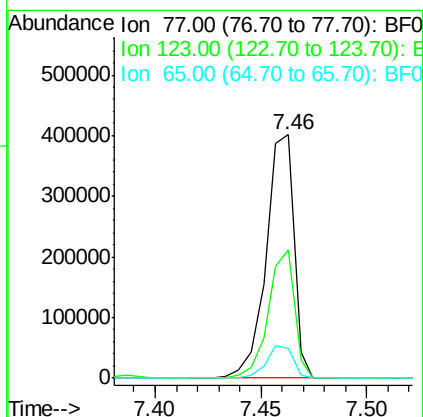
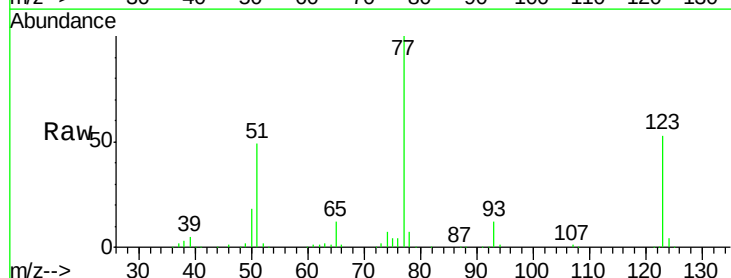
Instrument :
BNA_F
ClientSampleId :

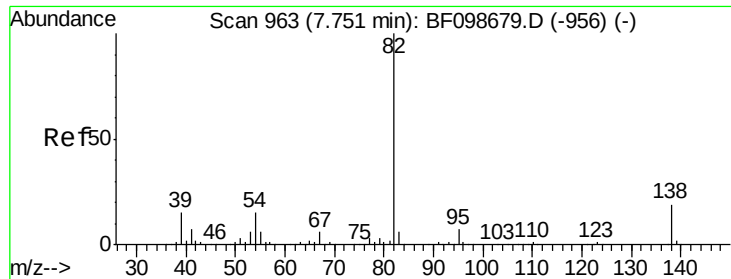
Tot Ion	82	Resp	674623
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	49.3	41.4	62.2



#24
Nitrobenzene
Concen: 41.48 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion	77	Resp	369659
Ion Ratio	Lower	Upper	
77	100		
123	52.9	37.9	56.9
65	12.4	11.0	16.4

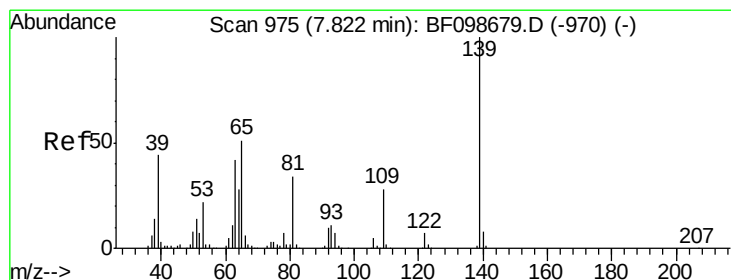
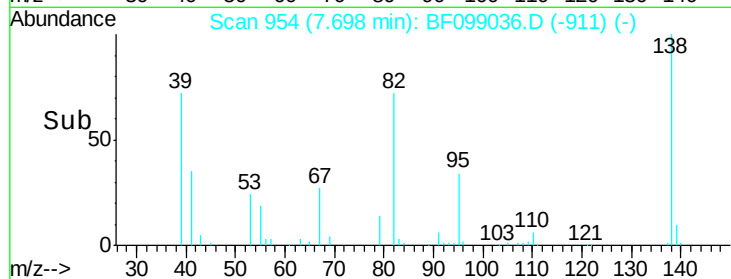
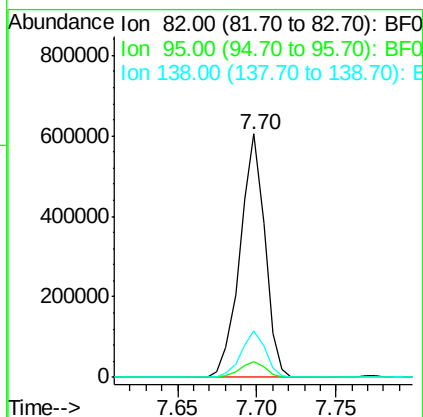
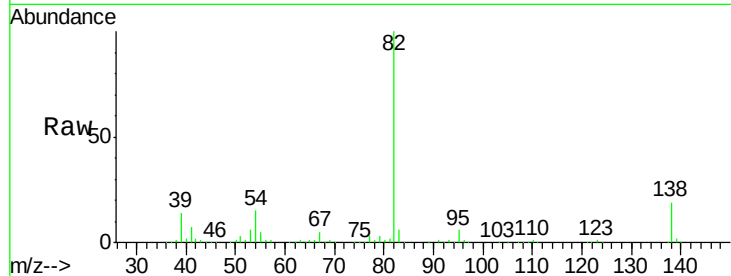




#25
Isophorone
Concen: 40.40 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

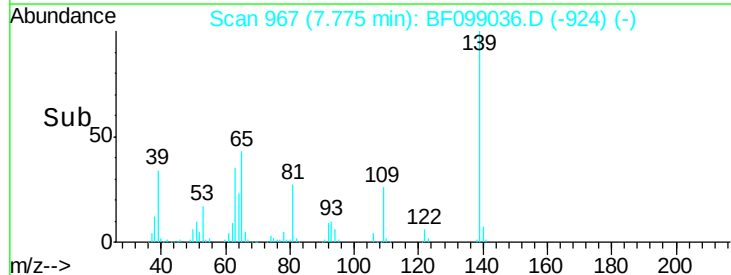
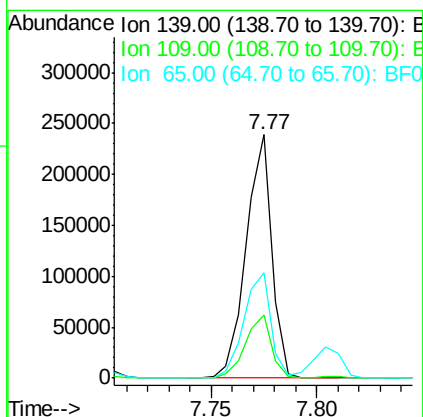
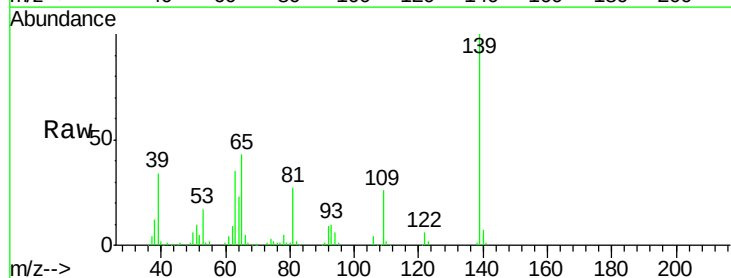
Instrument :
BNA_F
ClientSampleId :

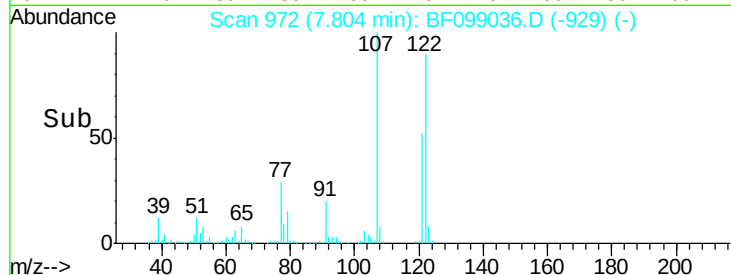
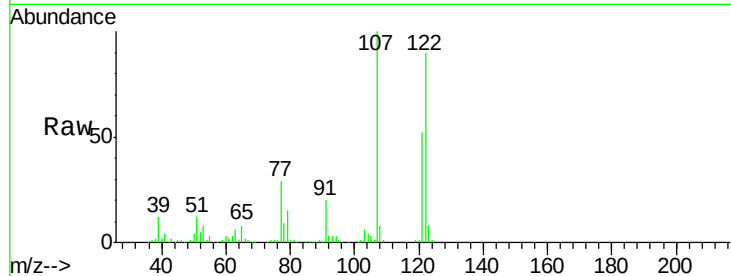
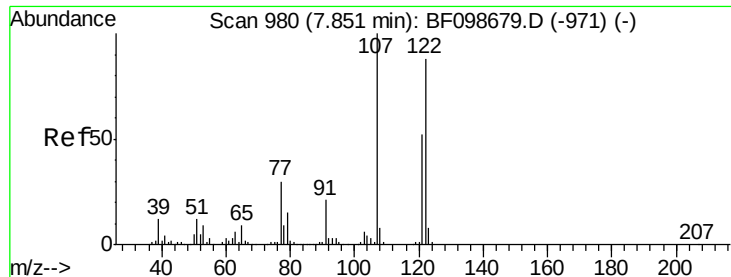
Tot Ion: 82 Resp: 656259
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 46.96 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion: 139 Resp: 201276
Ion Ratio Lower Upper
139 100
109 25.7 22.7 34.1
65 43.2 40.5 60.7

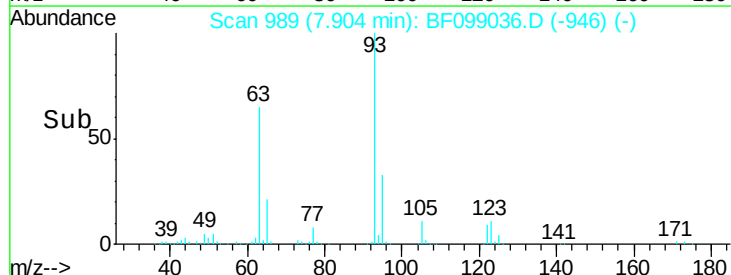
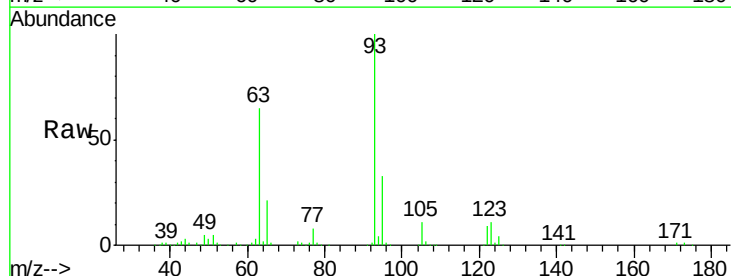
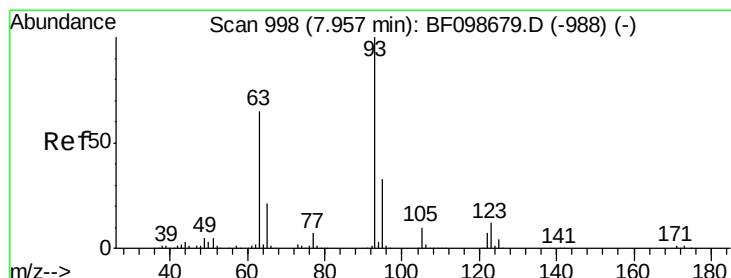
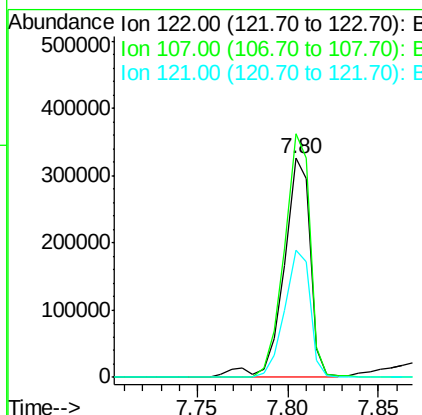




#27
2,4-Dimethylphenol
Concen: 41.24 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

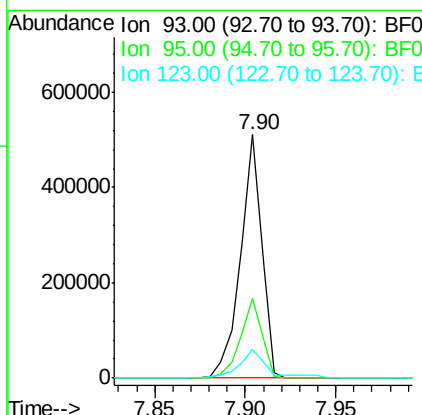
Instrument :
BNA_F
ClientSampled :

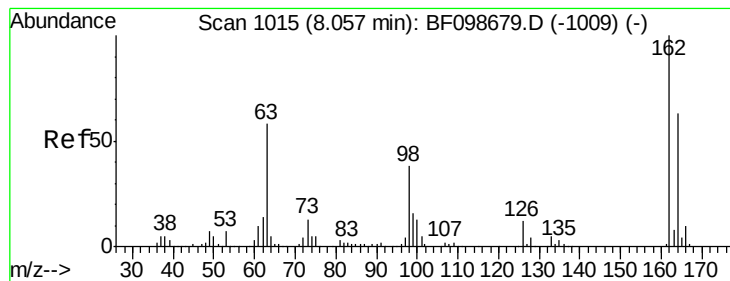
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.2	136.8
121	58.0	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.25 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.70 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

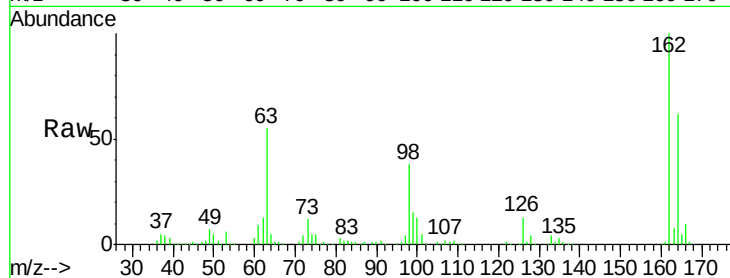
Tot Ion:162 Resp: 296714

Ion Ratio Lower Upper

162 100

164 62.2 42.7 82.7

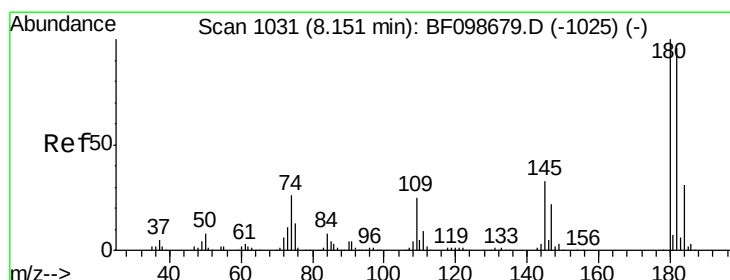
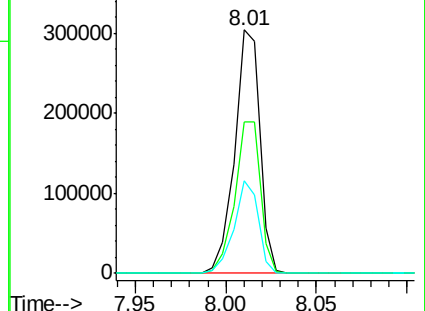
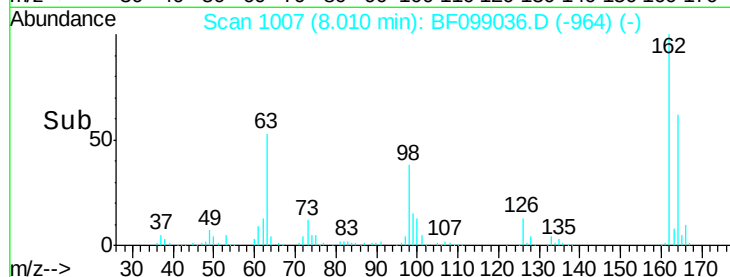
98 38.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.57 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

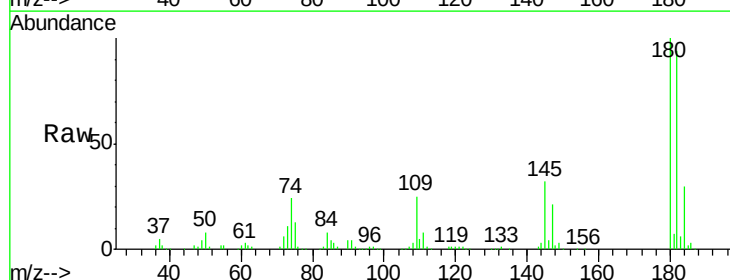
Tgt Ion:180 Resp: 295888

Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

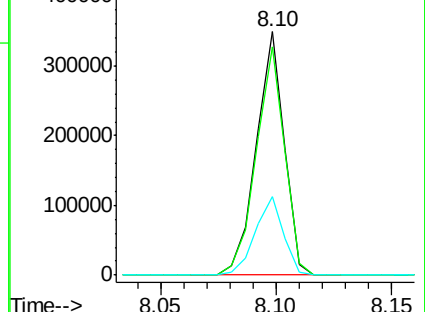
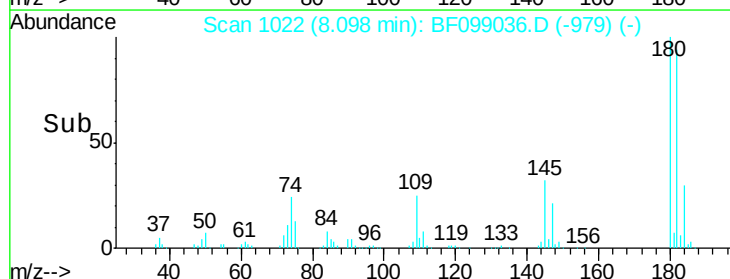
145 32.3 26.5 39.7

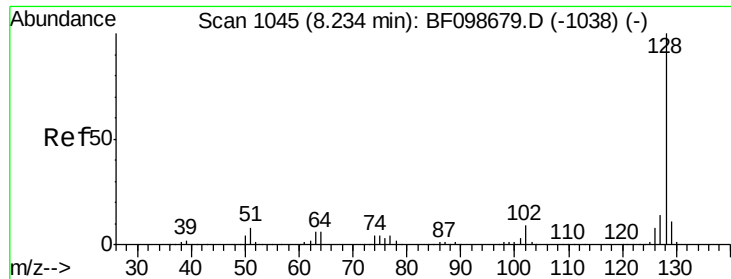


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

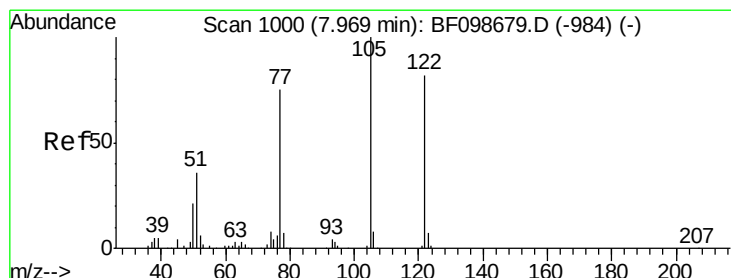
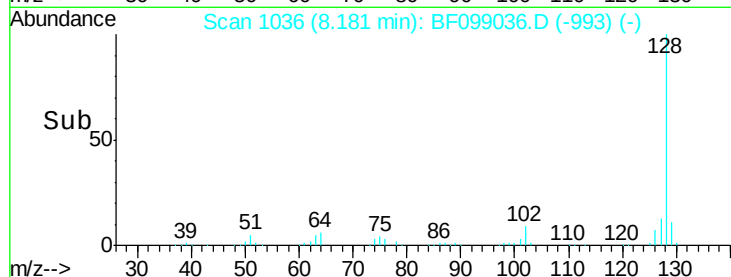
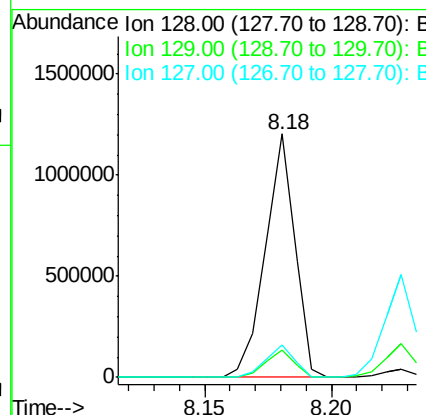
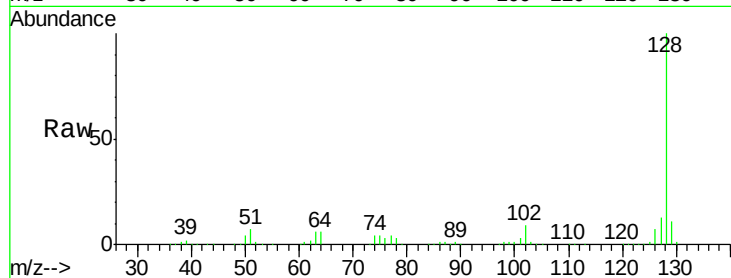




#31
Naphthalene
Concen: 41.70 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

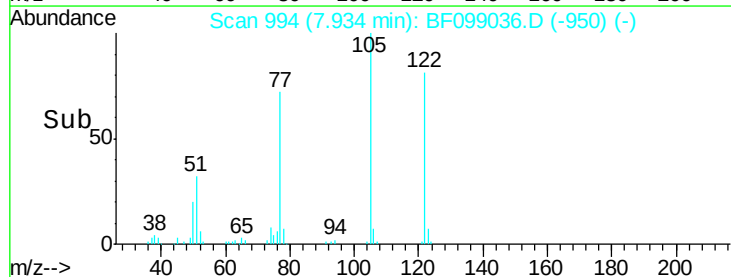
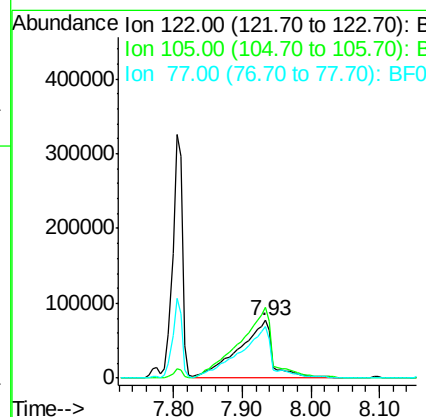
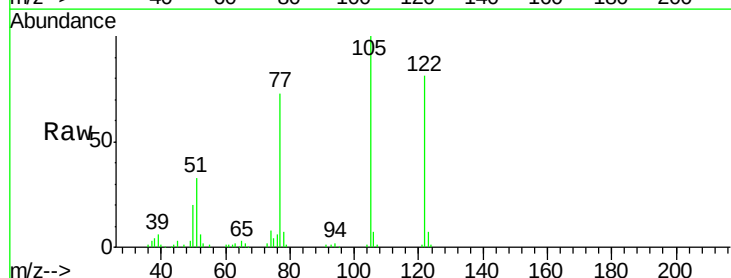
Instrument :
BNA_F
ClientSampleId :

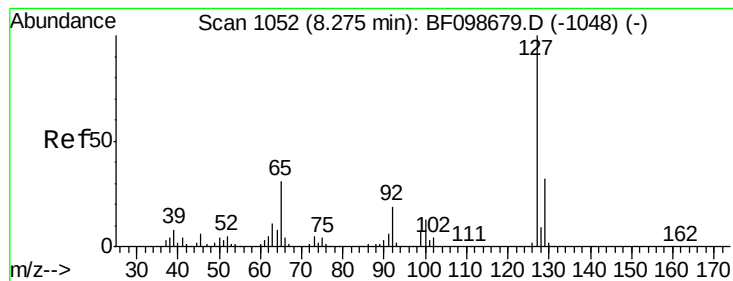
Tot Ion:128 Resp: 986808
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 39.78 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:122 Resp: 264457
Ion Ratio Lower Upper
122 100
105 123.5 101.1 141.1
77 89.7 70.7 110.7





#33

4-Chloroaniline

Concen: 41.92 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 414290

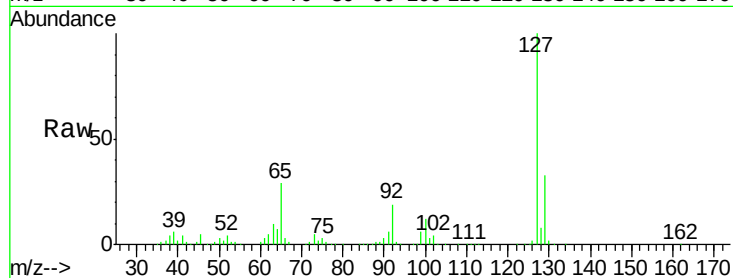
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 29.0 25.0 37.4

92 18.6 15.2 22.8

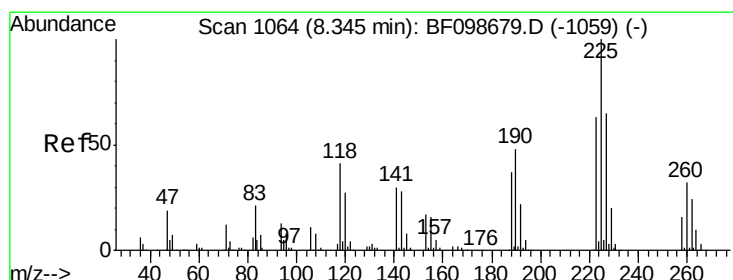
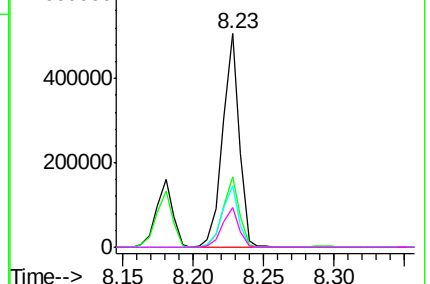
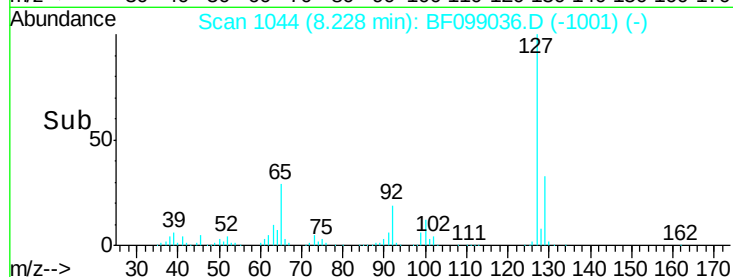


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.71 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

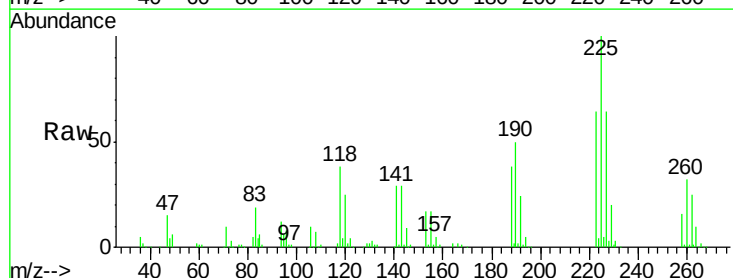
Tgt Ion:225 Resp: 149332

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

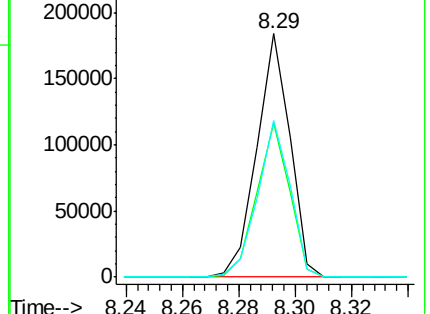
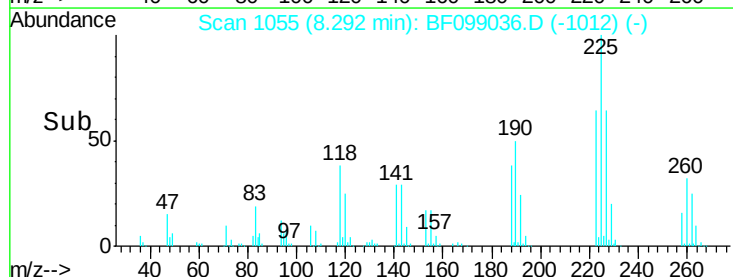
227 64.2 51.9 77.9

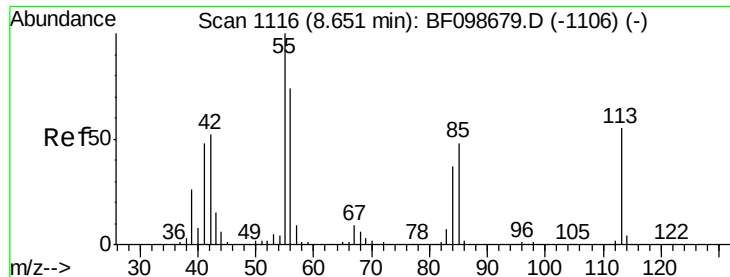


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

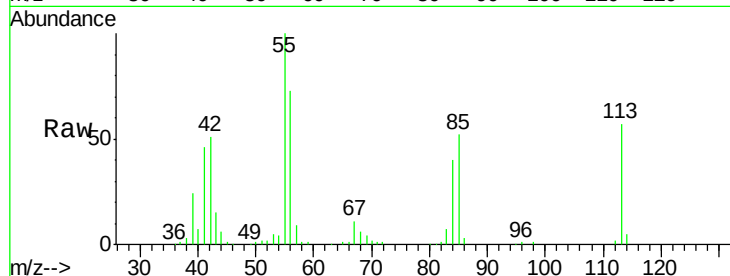




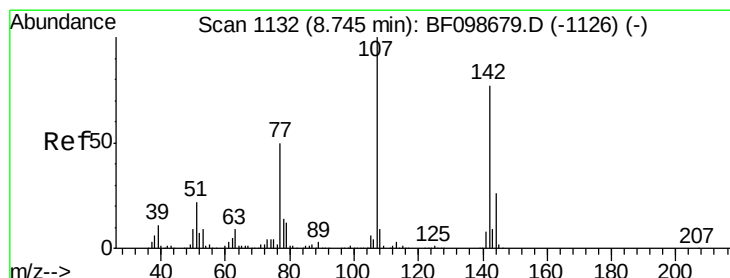
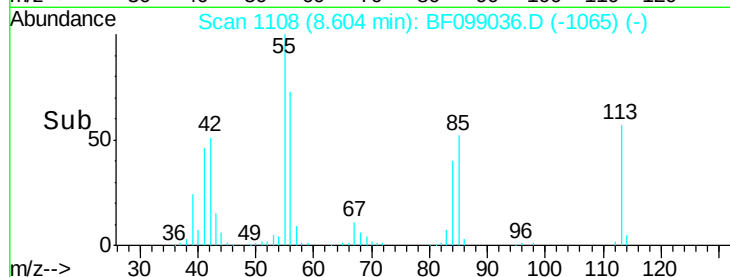
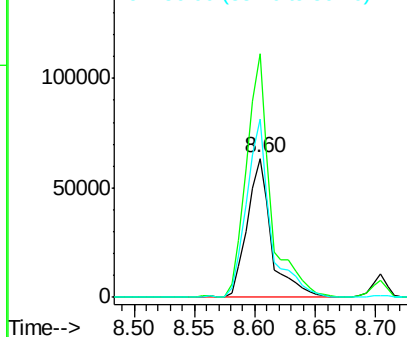
#35
 Caprolactam
 Concen: 39.90 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 88943
 Ion Ratio Lower Upper
 113 100
 55 175.2 163.3 203.3
 56 127.9 115.7 155.7

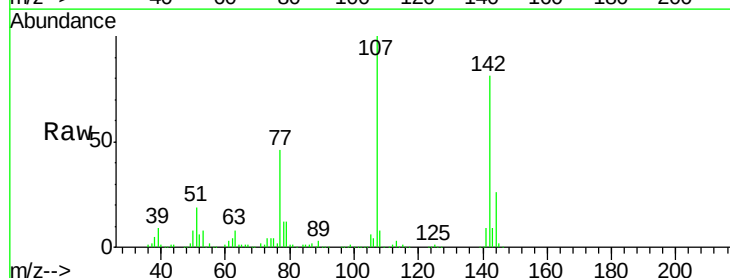


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

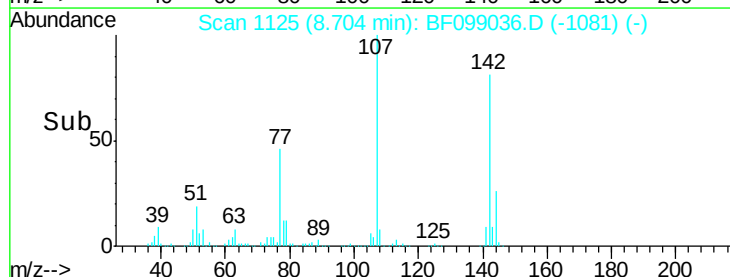
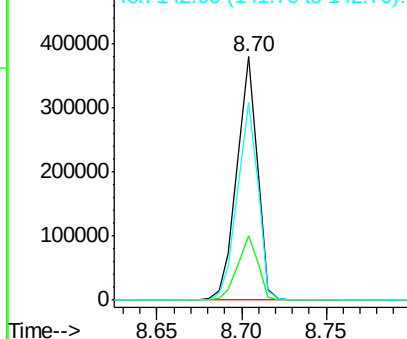


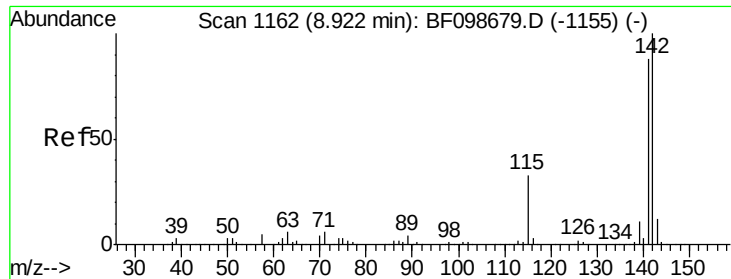
#36
 4-Chloro-3-methylphenol
 Concen: 40.86 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.04 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:107 Resp: 319117
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 81.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

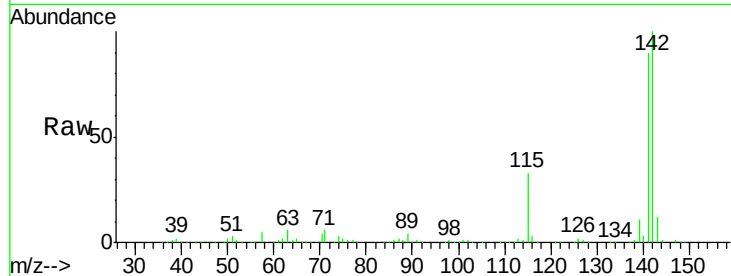




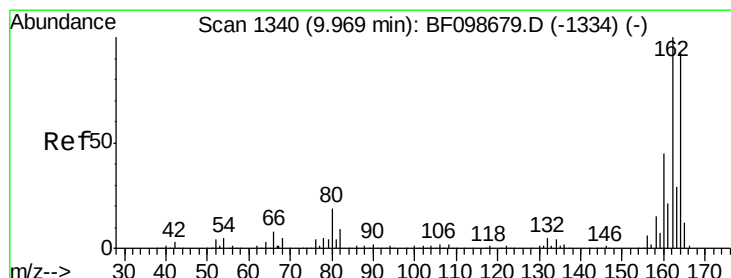
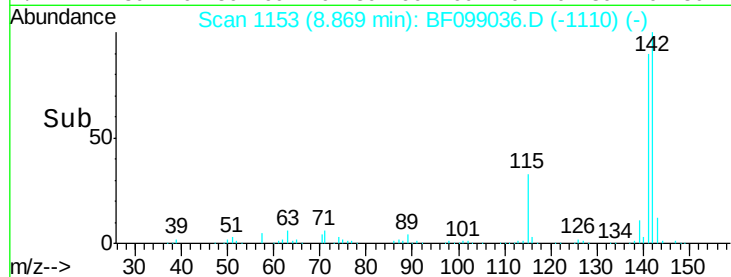
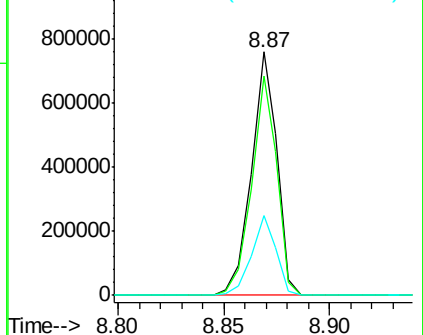
#37
 2-Methylnaphthalene
 Concen: 41.34 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 635882
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 115 32.6 26.1 39.1

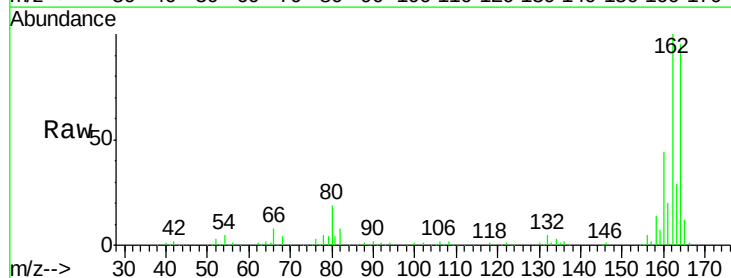


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

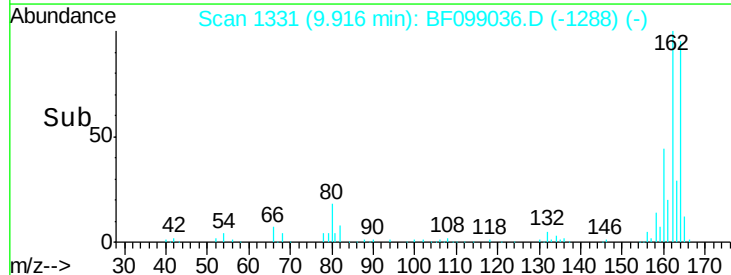
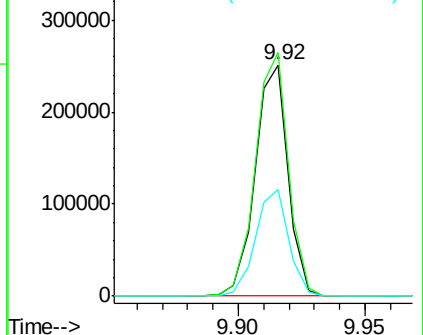


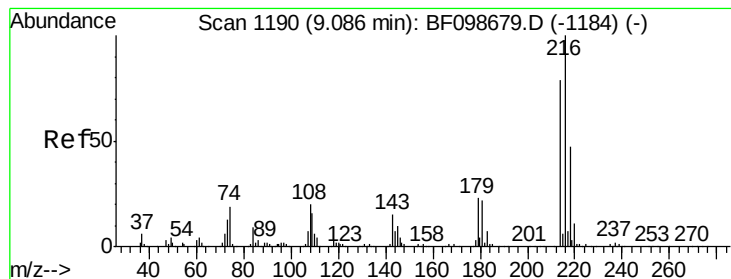
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:164 Resp: 225259
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.4 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: 42.97 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.05 min

Lab File: BF099036.D

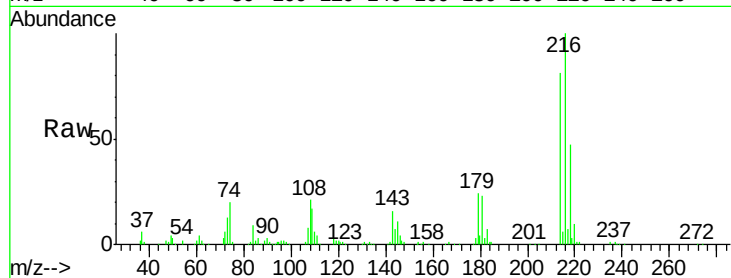
Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	288667
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	22.9	18.1 27.1
108	20.7	17.2 25.8

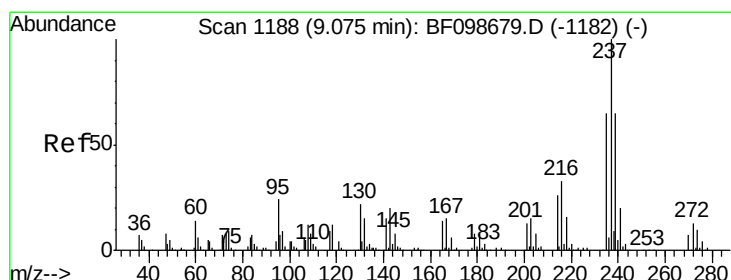
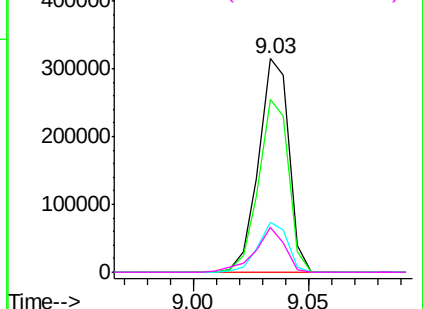
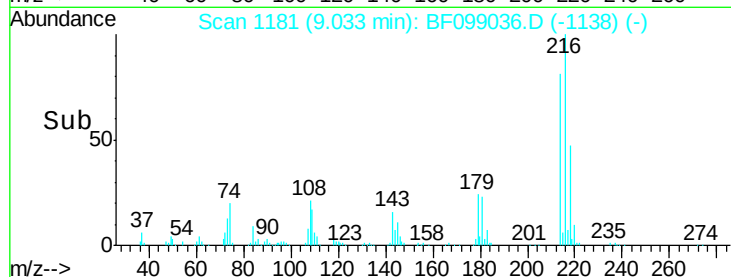


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.85 ng

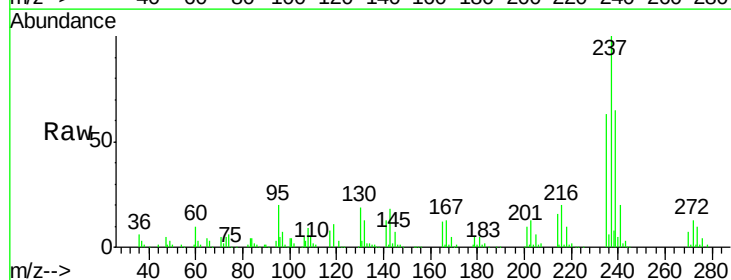
RT: 9.02 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

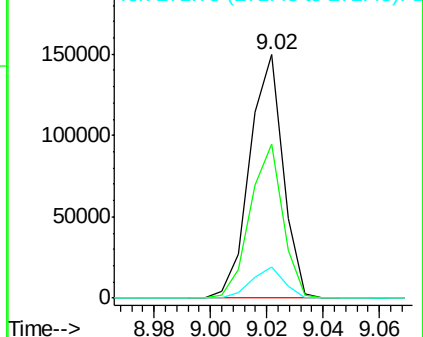
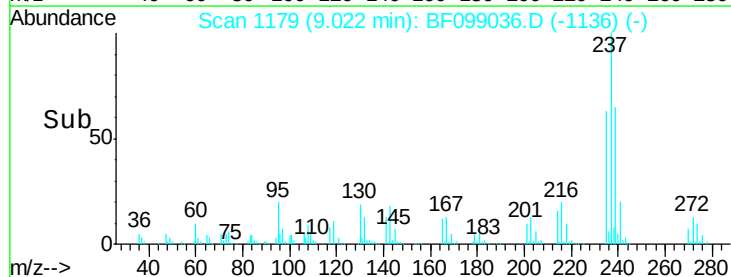
Tgt Ion:237	Resp:	122350
Ion Ratio	Lower	Upper
237	100	
235	63.1	44.8 84.8
272	13.0	0.0 33.3

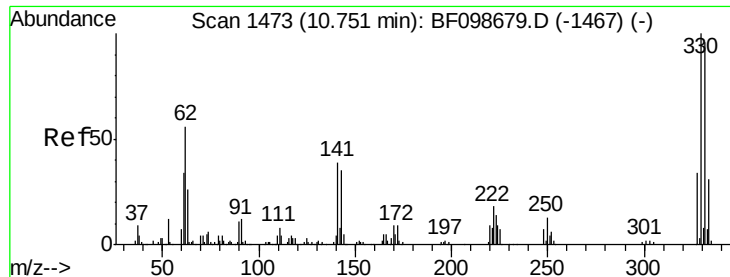


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

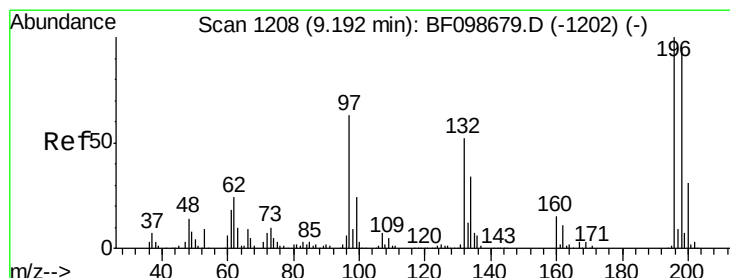
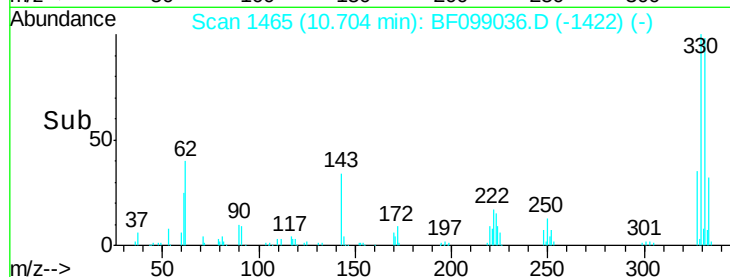
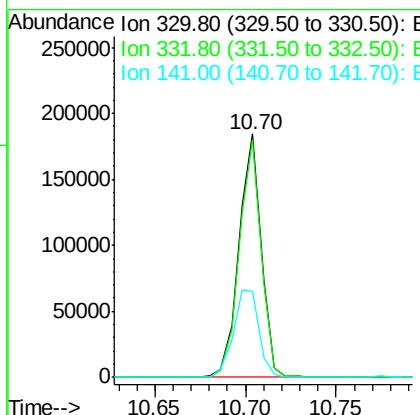
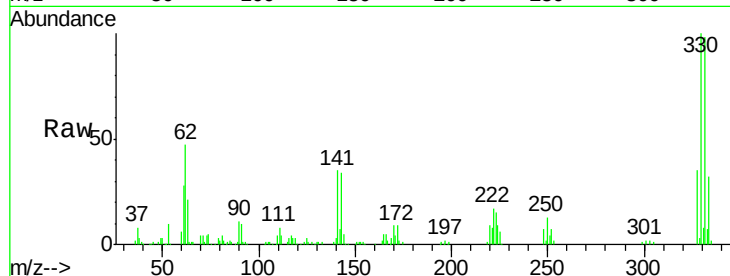




#41
 2,4,6-Tribromophenol
 Concen: 85.21 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

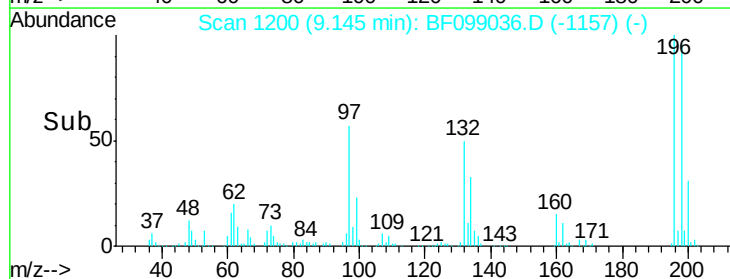
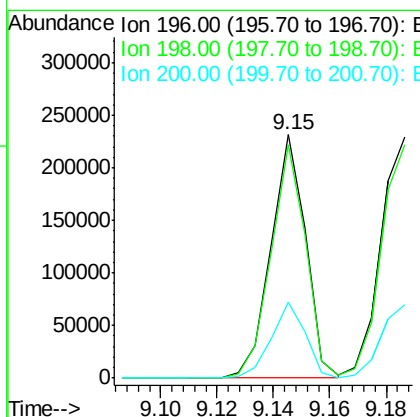
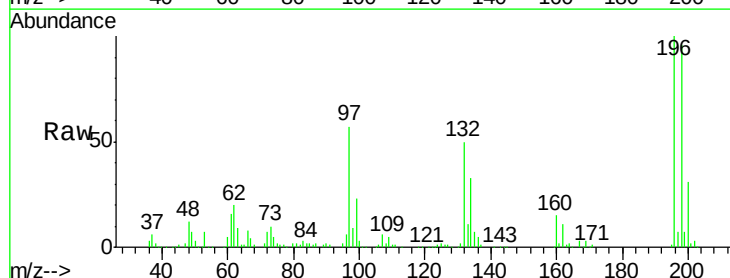
Instrument :
 BNA_F
 ClientSampled :

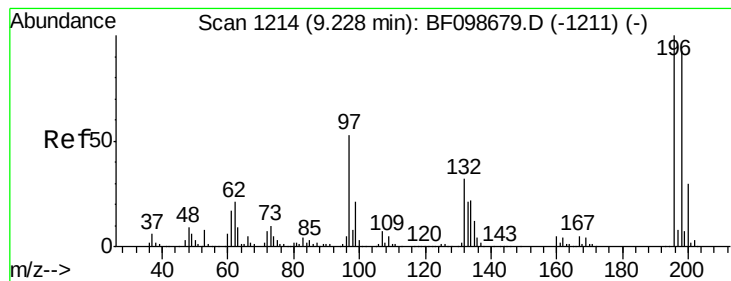
Tot Ion:330 Resp: 157064
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 41.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.60 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:196 Resp: 197999
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 31.1 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 42.11 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.04 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 200061

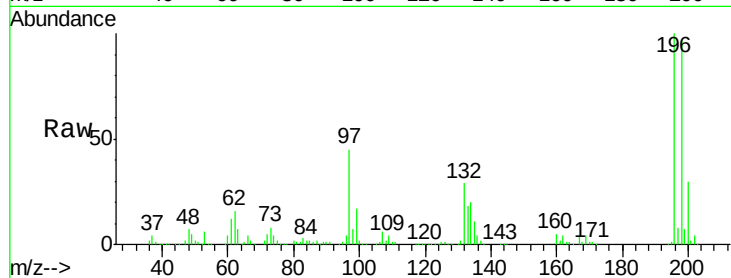
Ion Ratio Lower Upper

196 100

198 96.9 74.6 112.0

97 45.4 42.9 64.3

132 29.0 26.3 39.5

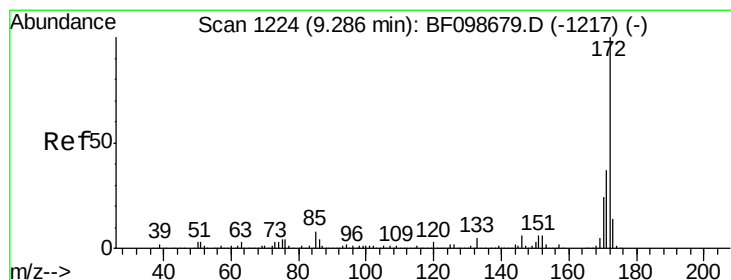
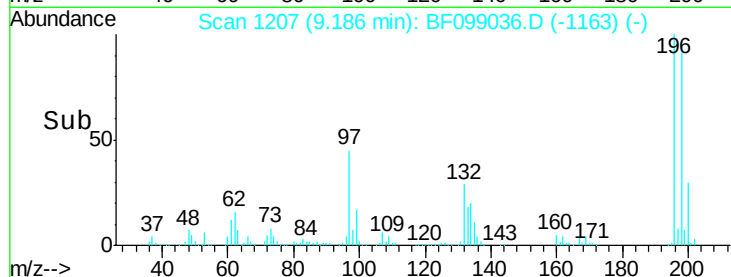
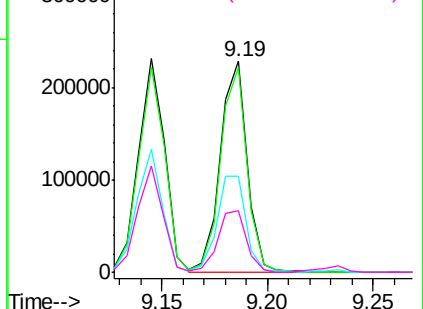


Abundance Ion 196.00 (195.70 to 196.70): E

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: 87.04 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

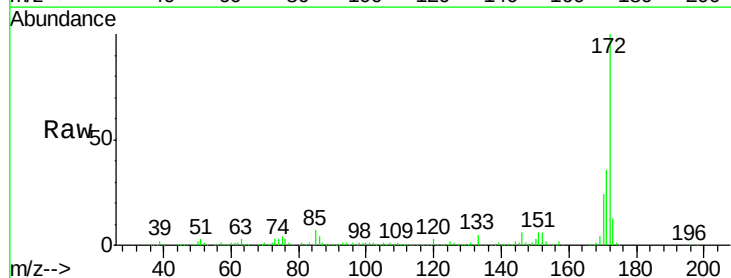
Tgt Ion:172 Resp: 1174441

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

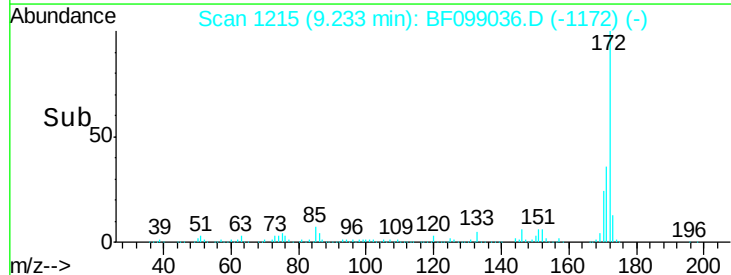
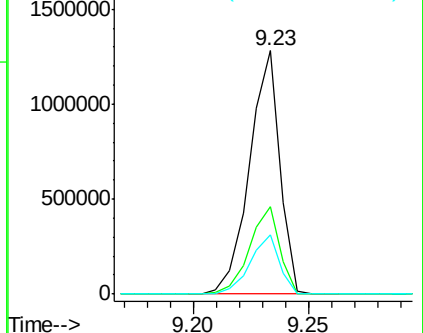
170 24.3 19.6 29.4

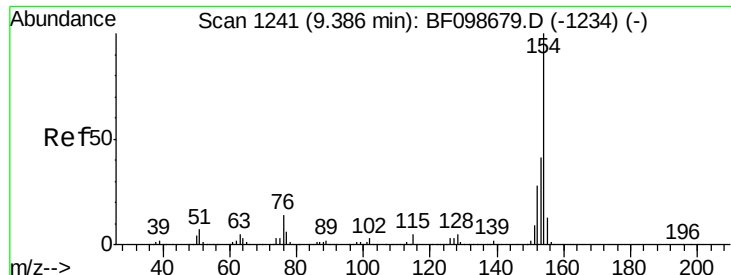


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

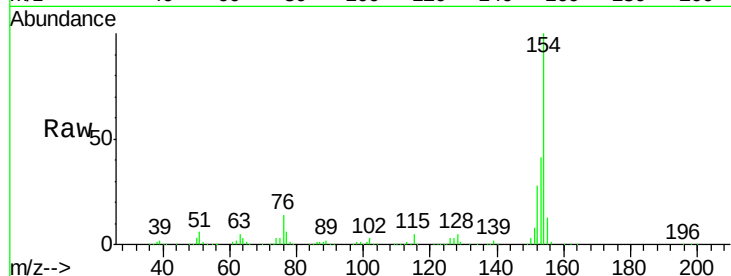




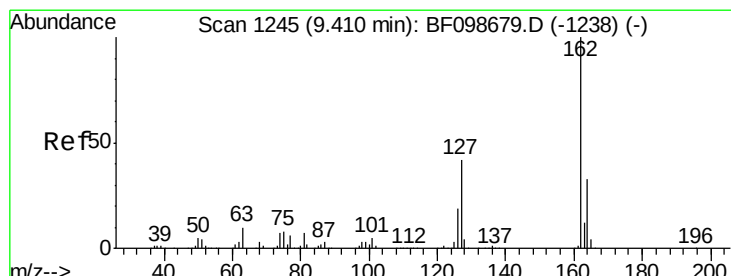
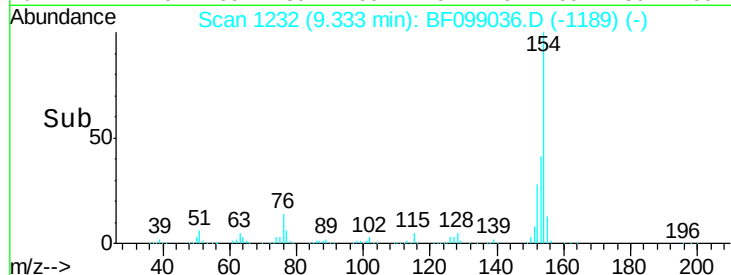
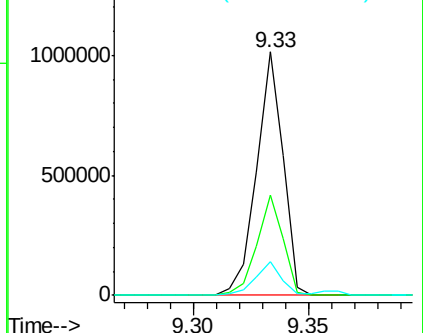
#45
1,1'-Biphenyl
Concen: 42.18 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	13.8	0.0	34.0

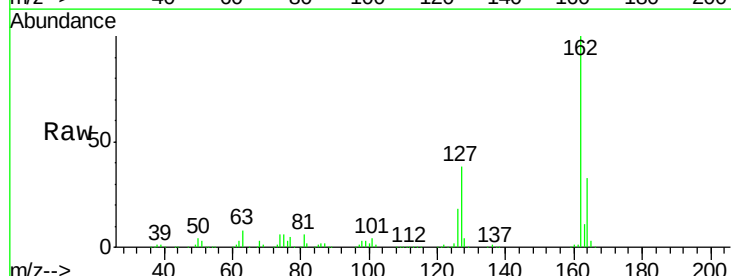


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

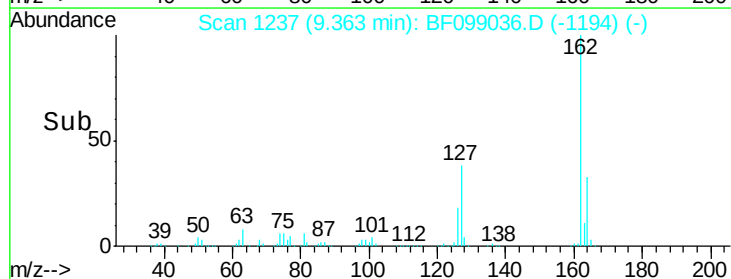
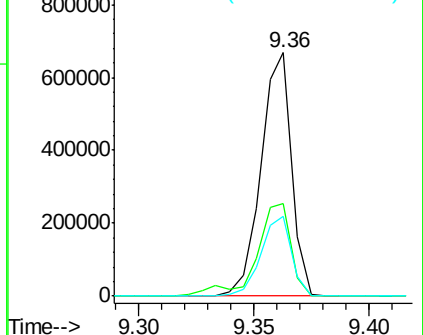


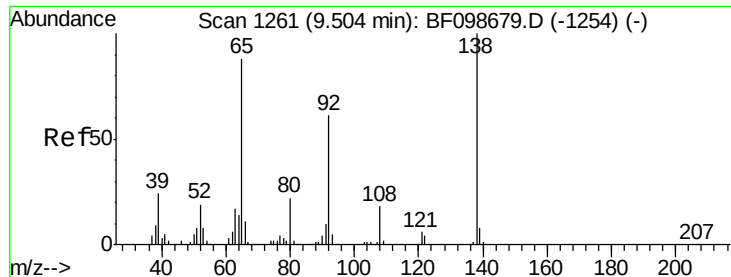
#46
2-Chloronaphthalene
Concen: 42.29 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.9	50.9
164	32.7	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: 41.49 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.04 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

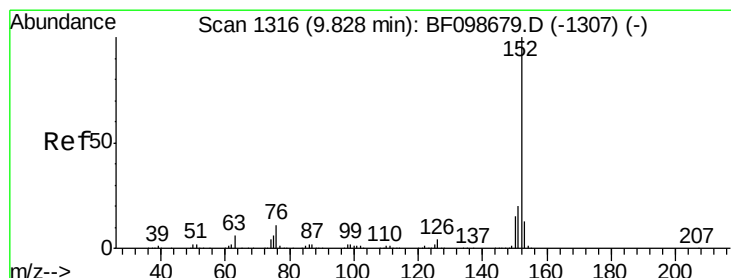
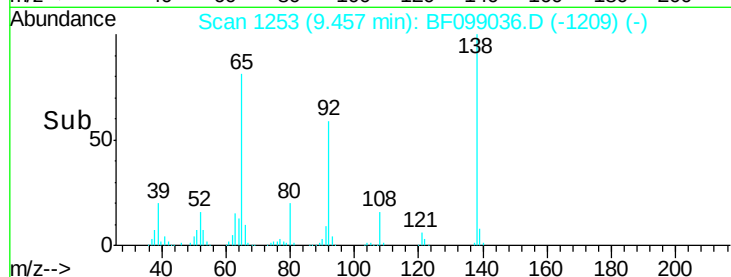
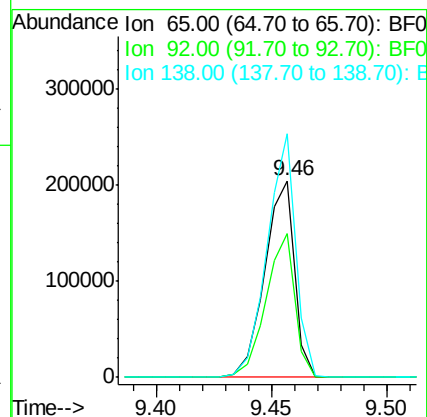
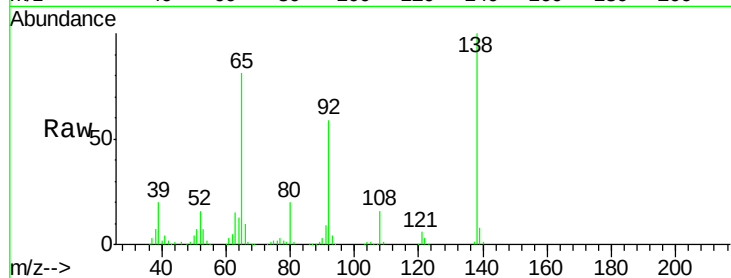
Tot Ion: 65 Resp: 184660

Ion Ratio Lower Upper

65 100

92 73.2 55.8 83.6

138 123.8 91.2 136.8



#48

Acenaphthylene

Concen: 41.90 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

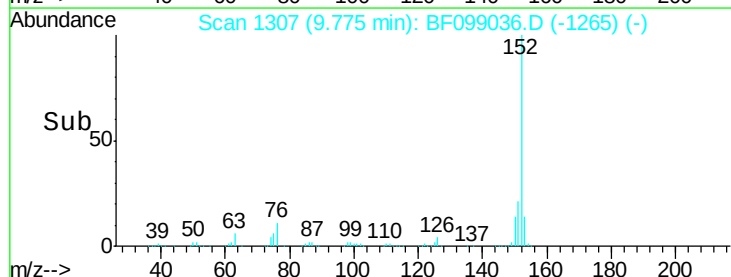
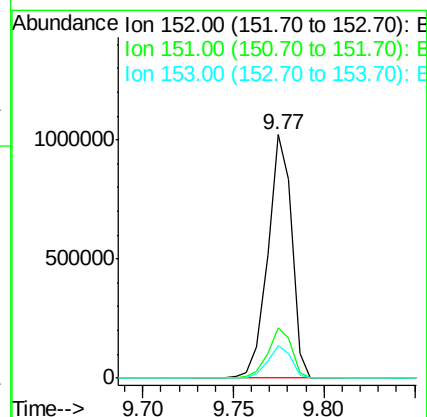
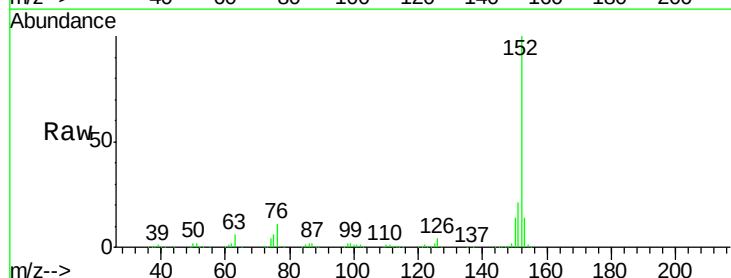
Tgt Ion: 152 Resp: 932433

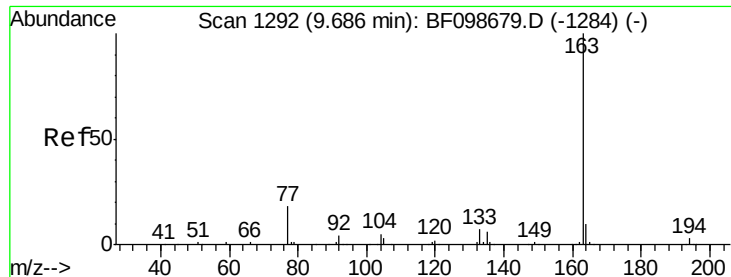
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.5 10.7 16.1

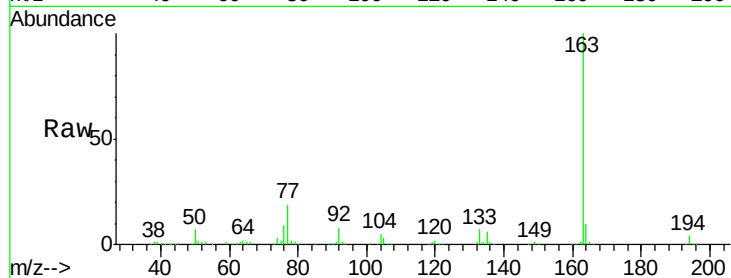




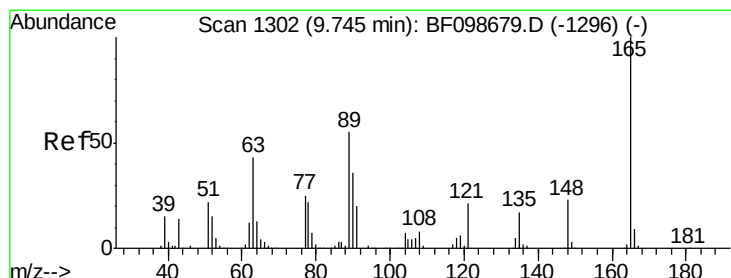
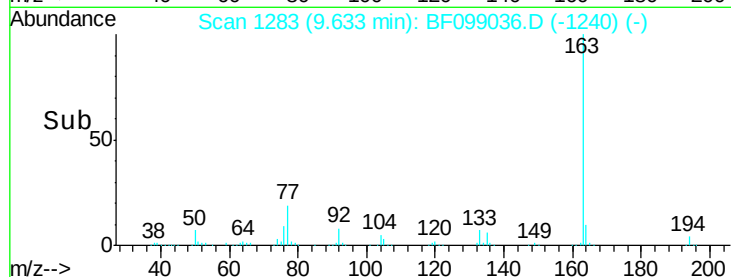
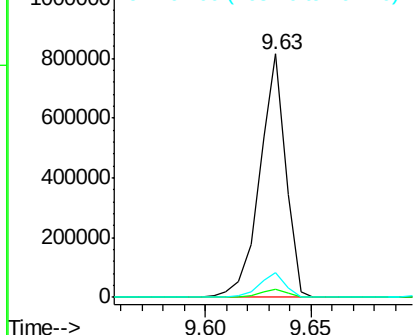
#49
Dimethylphthalate
Concen: 40.90 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 695420
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

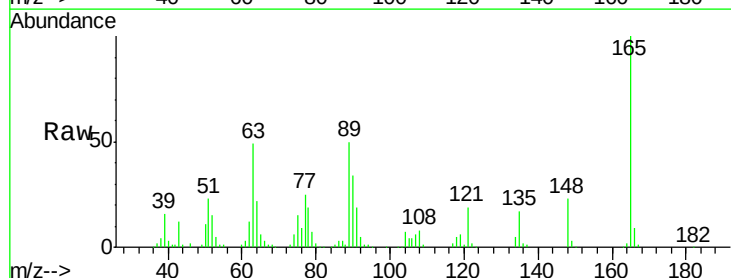


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

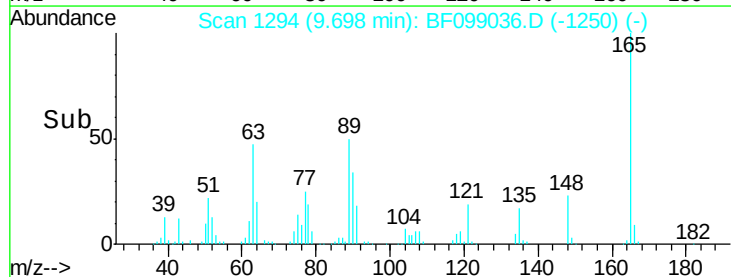
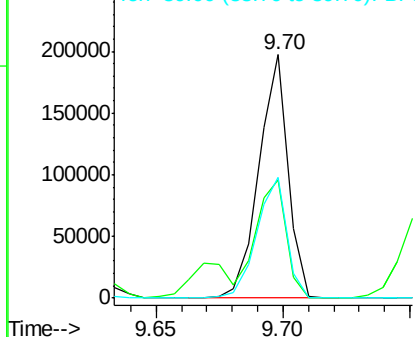


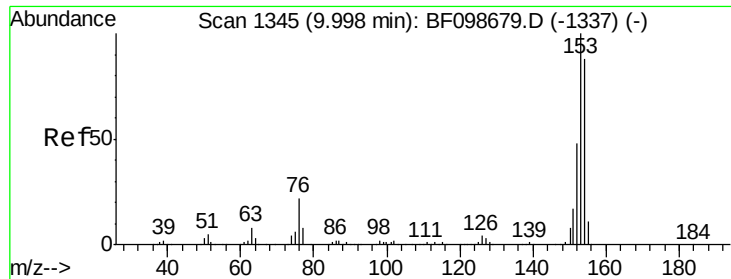
#50
2,6-Dinitrotoluene
Concen: 42.50 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:165 Resp: 157292
Ion Ratio Lower Upper
165 100
63 48.7 44.7 67.1
89 49.6 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: 42.18 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampled :

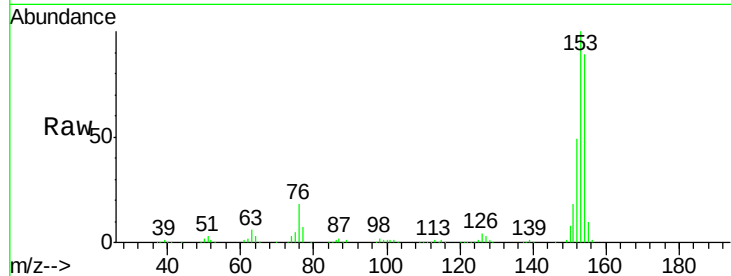
Tot Ion:154 Resp: 594585

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

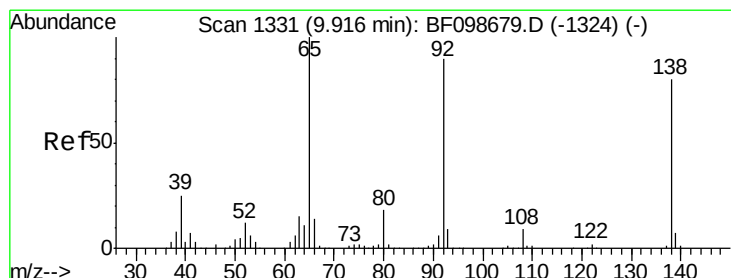
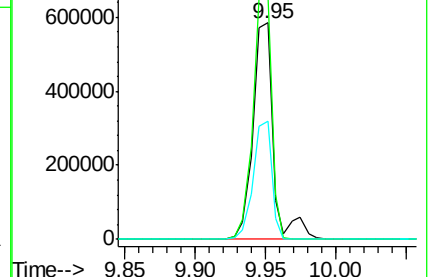
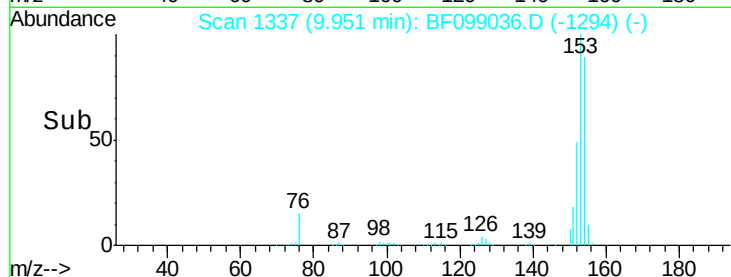
152 54.6 43.8 65.8



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: 43.06 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

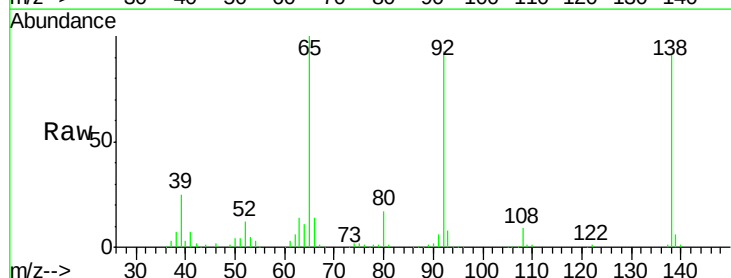
Tgt Ion:138 Resp: 185851

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

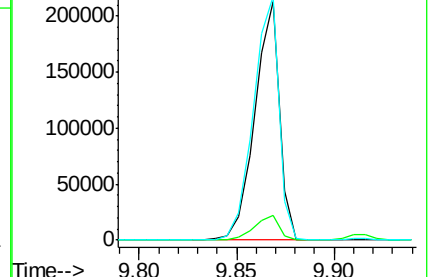
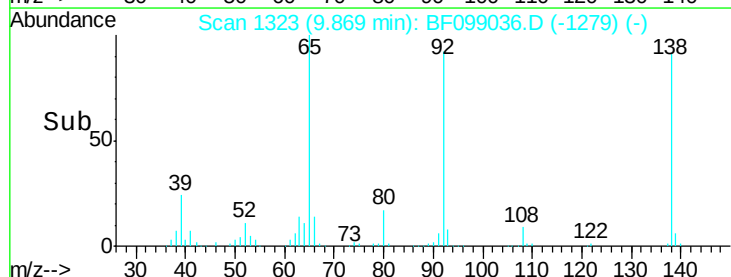
92 102.3 89.4 134.2

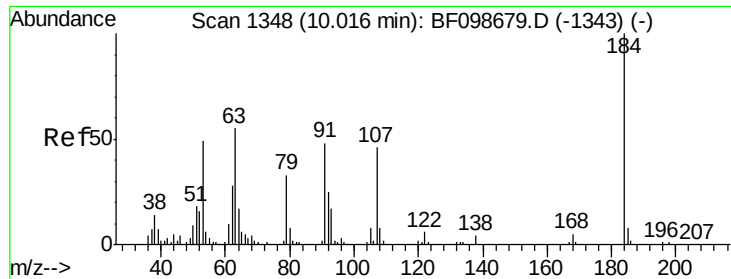


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

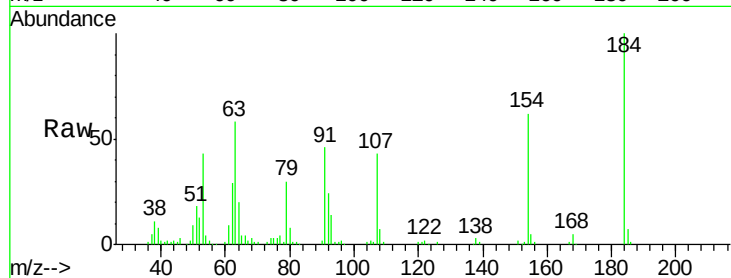




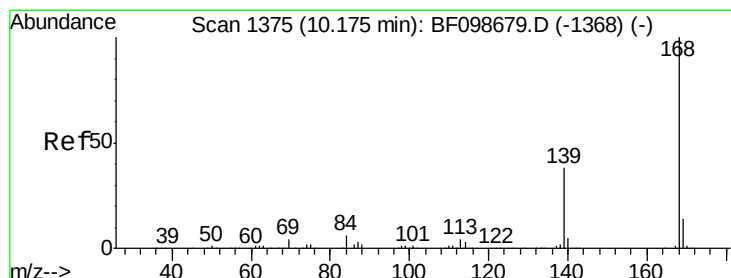
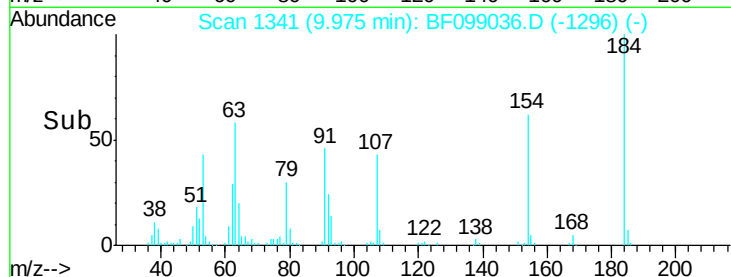
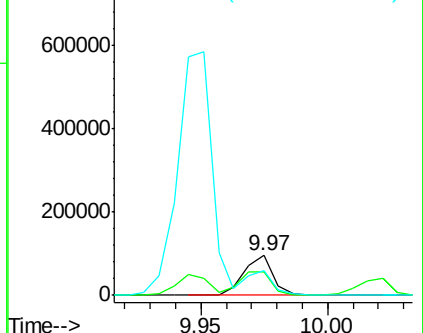
#53
2,4-Dinitrophenol
Concen: 43.13 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 77536
Ion Ratio Lower Upper
184 100
63 58.5 54.2 81.2
154 62.2 53.5 80.3

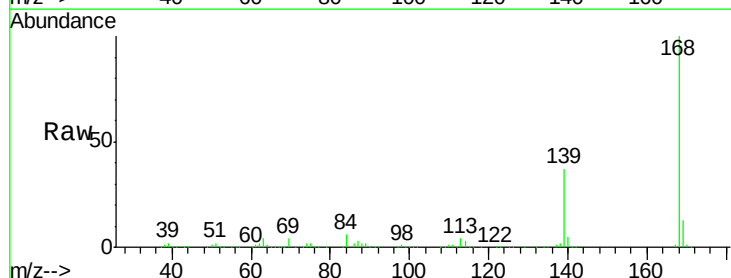


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

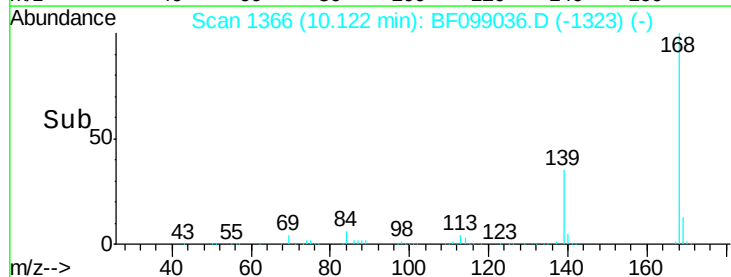
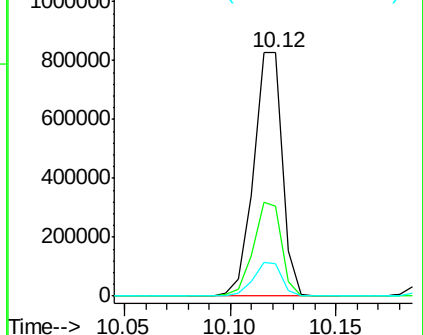


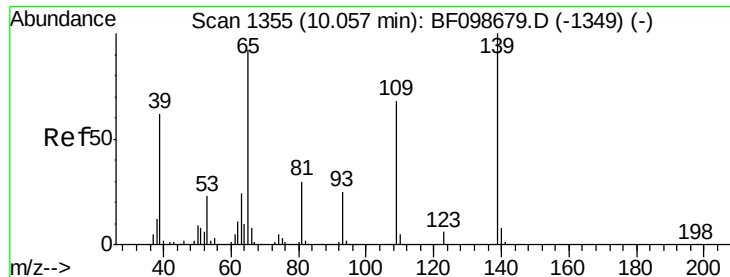
#54
Dibenzofuran
Concen: 41.85 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:168 Resp: 785379
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.1 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

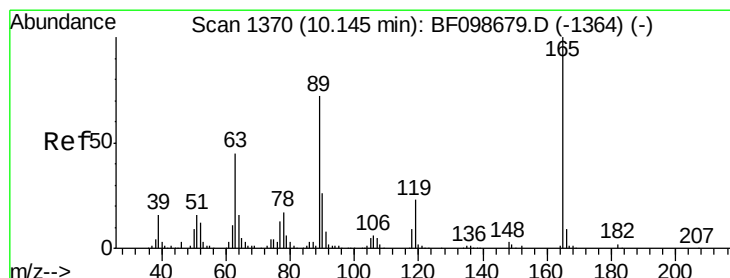
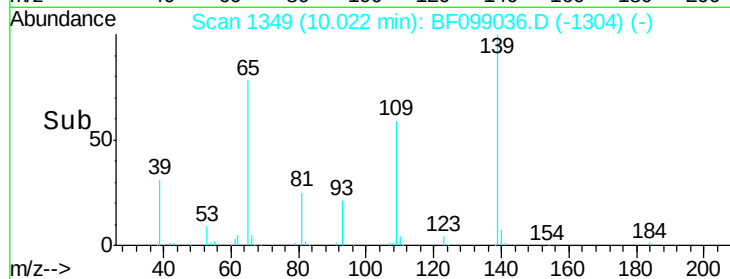
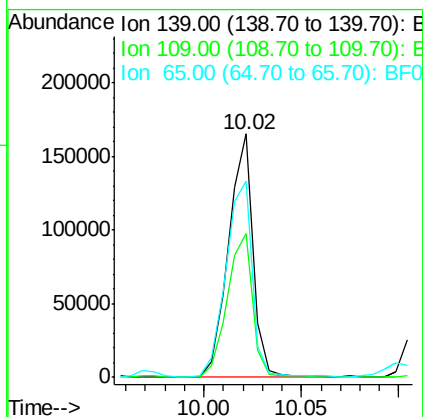
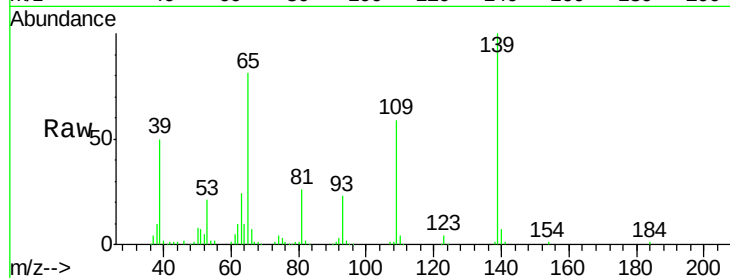




#55
4-Nitrophenol
Concen: 39.58 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

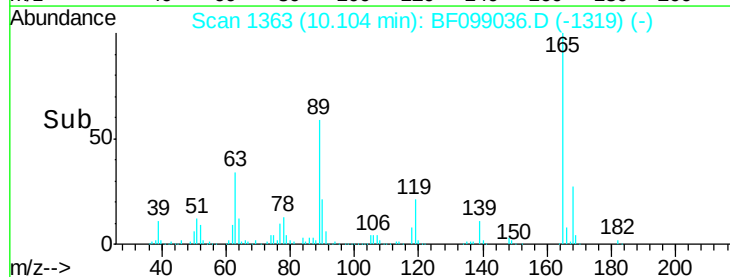
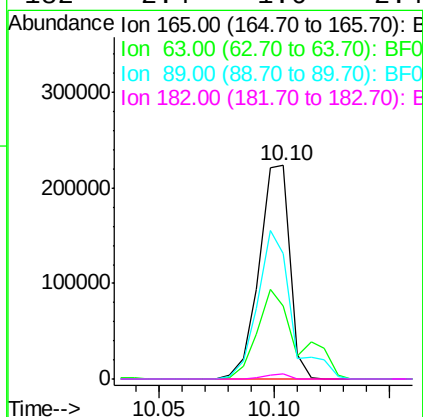
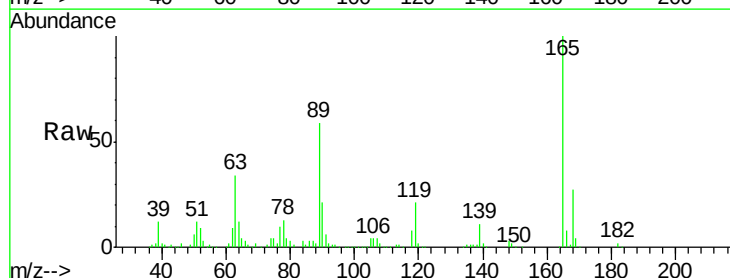
Instrument :
BNA_F
ClientSampleId :

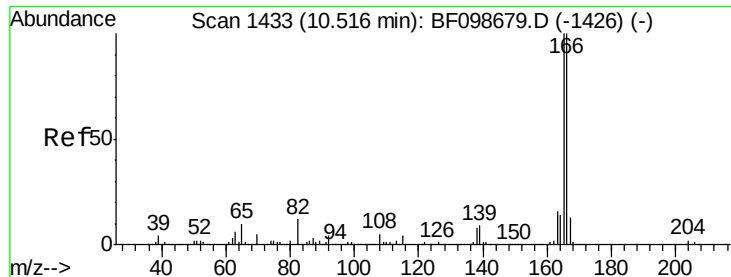
Tot Ion:139 Resp: 144420
Ion Ratio Lower Upper
139 100
109 59.2 48.4 88.4
65 80.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:165 Resp: 208292
Ion Ratio Lower Upper
165 100
63 34.0 36.4 54.6#
89 58.5 57.8 86.6
182 2.4 1.6 2.4

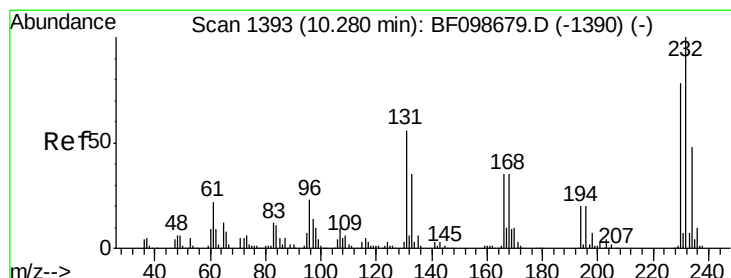
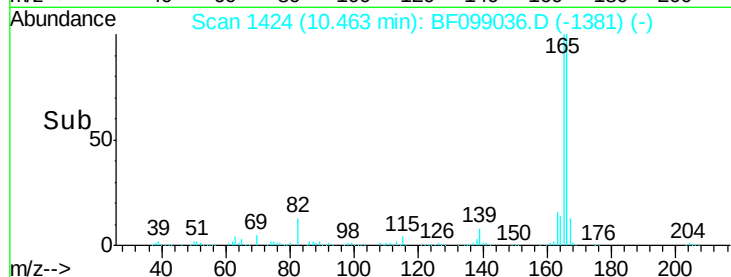
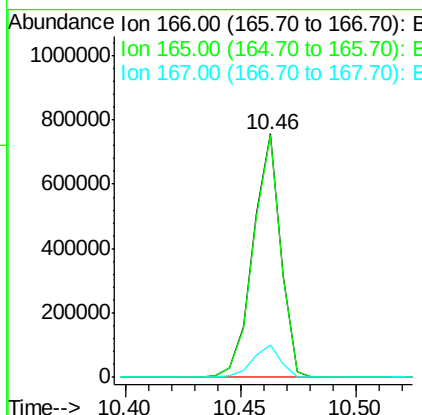
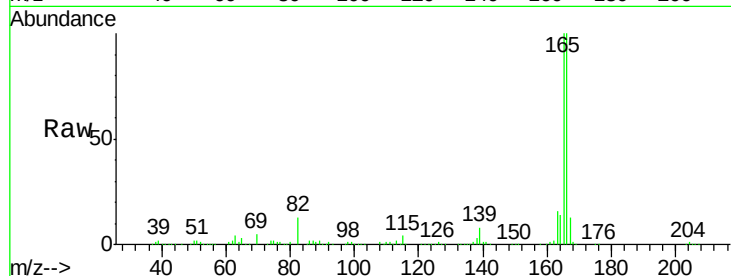




#57
Fluorene
Concen: 41.68 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

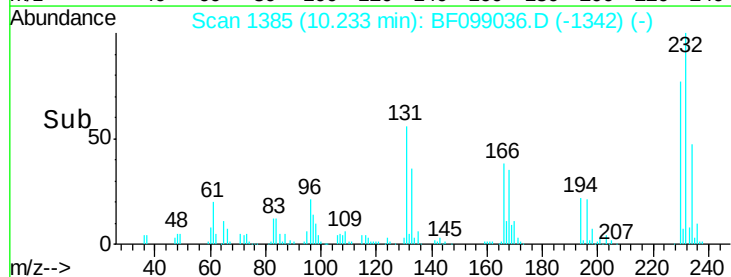
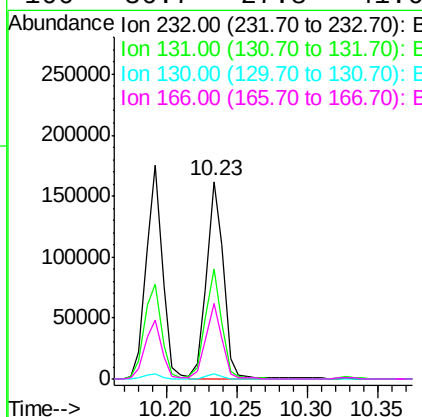
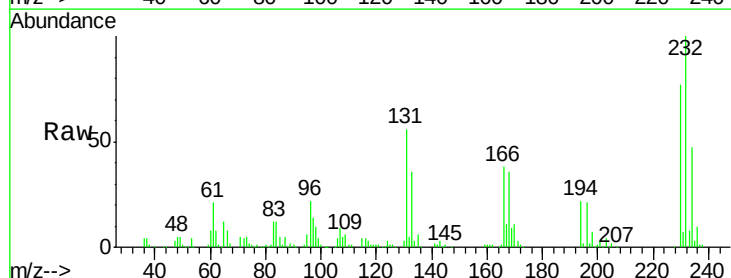
Instrument :
BNA_F
ClientSampleId :

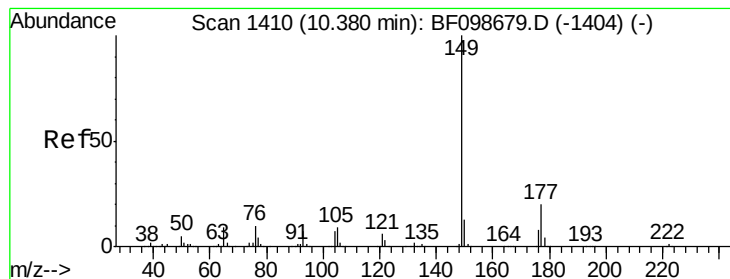
Tot Ion:166 Resp: 628769
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.8
167 13.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.31 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:232 Resp: 135556
Ion Ratio Lower Upper
232 100
131 53.6 43.8 65.8
130 2.4 2.1 3.1
166 36.7 27.8 41.6





#59

Diethylphthalate

Concen: 40.48 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampled :

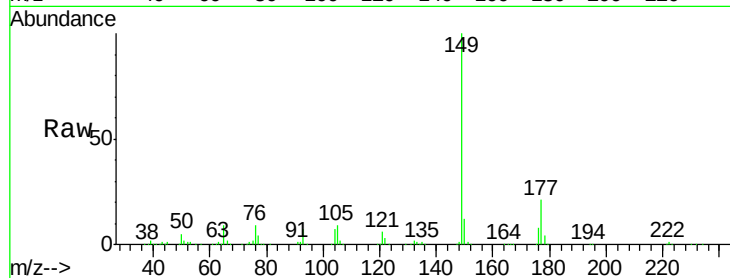
Tot Ion:149 Resp: 672431

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

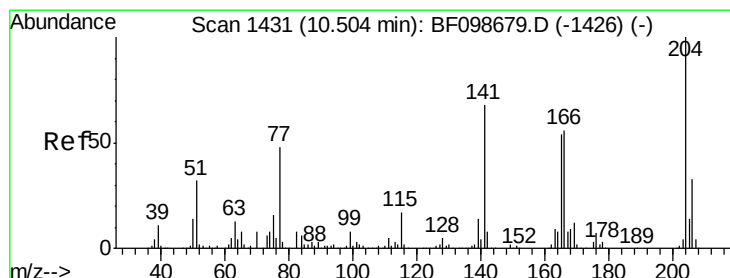
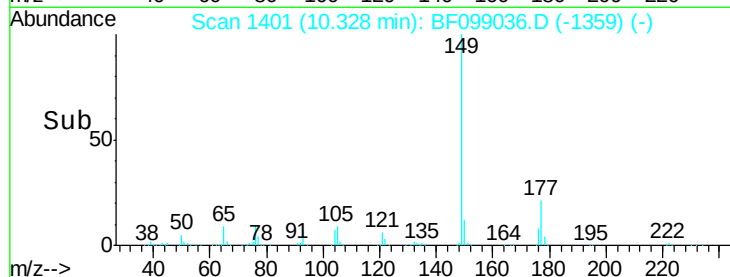
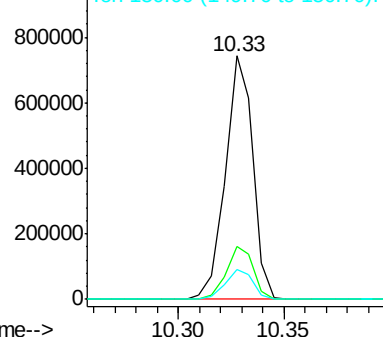
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.65 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

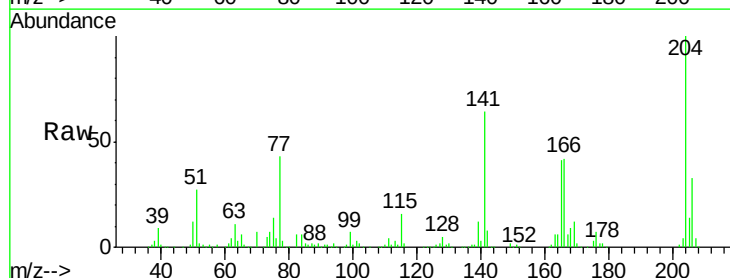
Tgt Ion:204 Resp: 282205

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

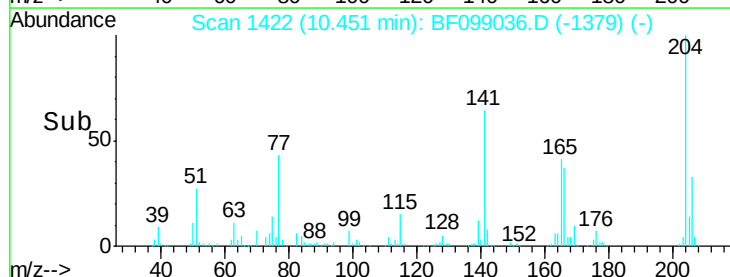
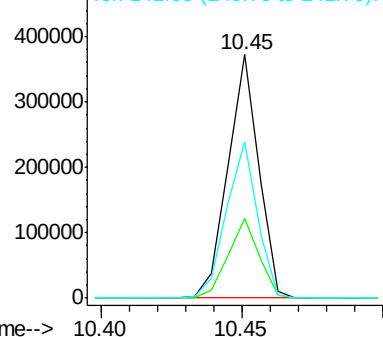
141 64.5 54.6 81.8

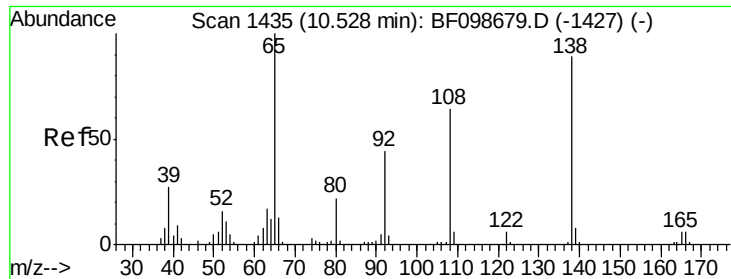


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

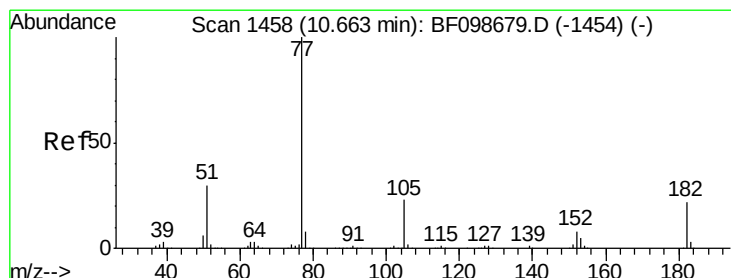
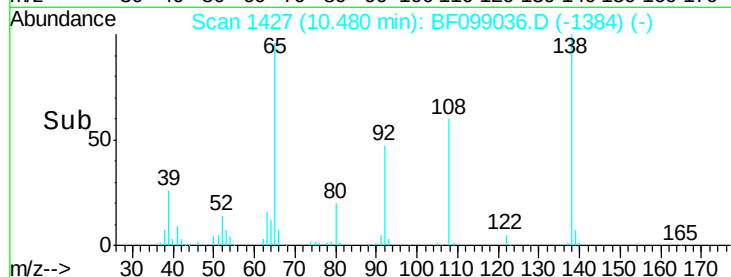
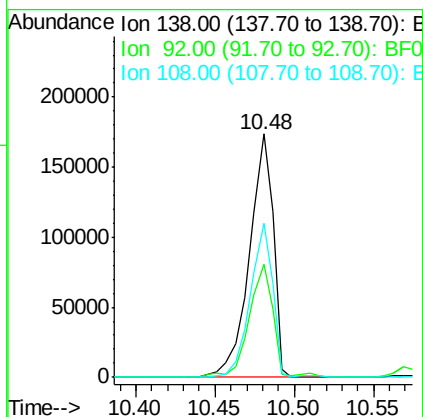
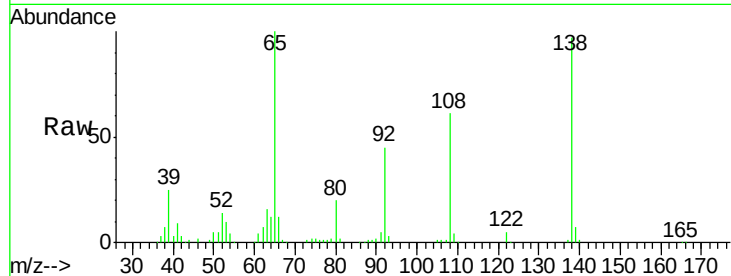




#61
4-Nitroaniline
Concen: 43.66 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

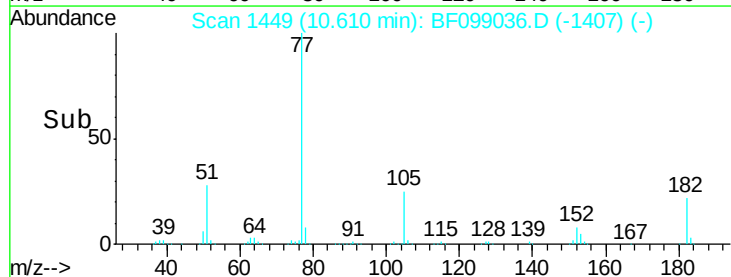
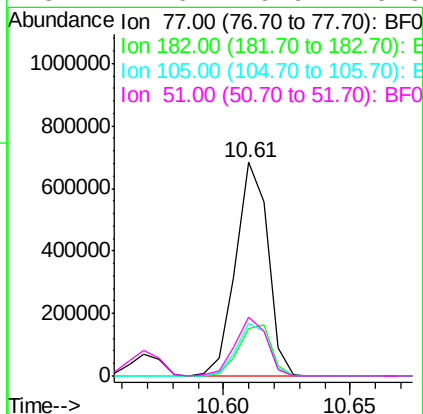
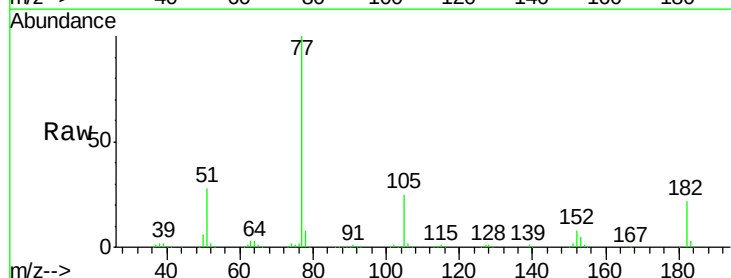
Instrument :
BNA_F
ClientSampleId :

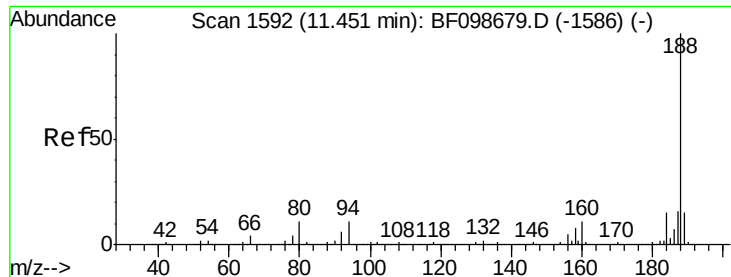
Tot Ion:138 Resp: 181786
Ion Ratio Lower Upper
138 100
92 46.7 30.2 70.2
108 63.2 52.5 92.5



#62
Azobenzene
Concen: 39.51 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion: 77 Resp: 603480
Ion Ratio Lower Upper
77 100
182 22.4 1.7 41.7
105 24.6 3.0 43.0
51 27.6 9.9 49.9

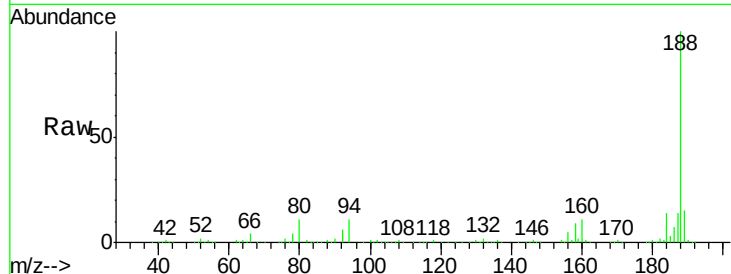




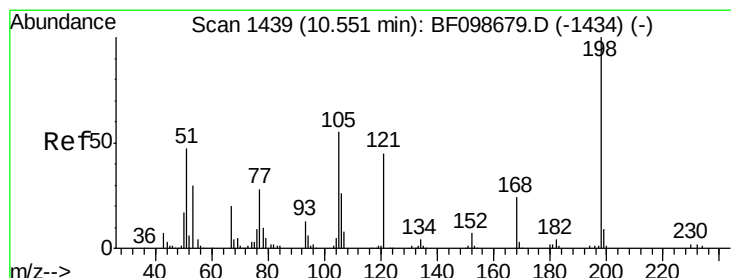
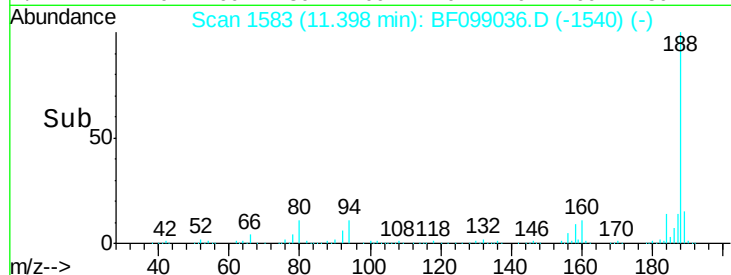
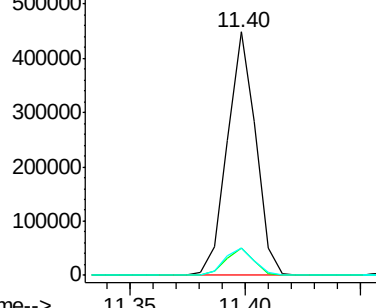
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 386054
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.3 9.2 13.8

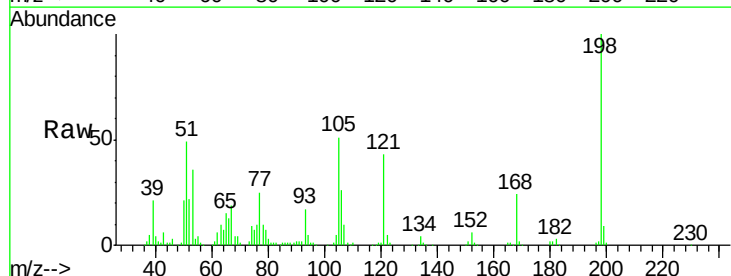


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

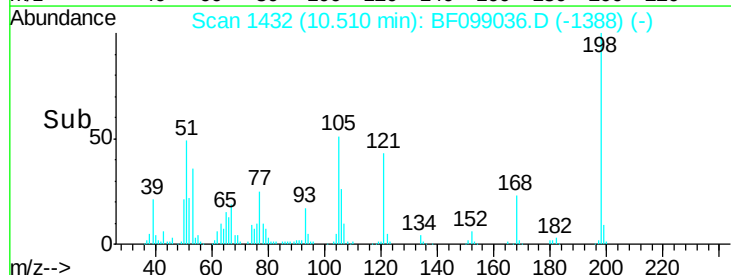
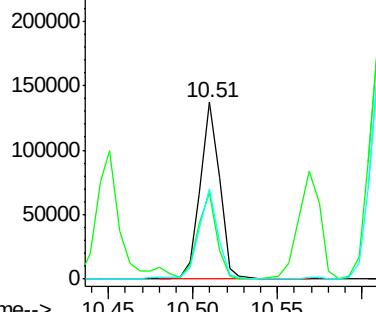


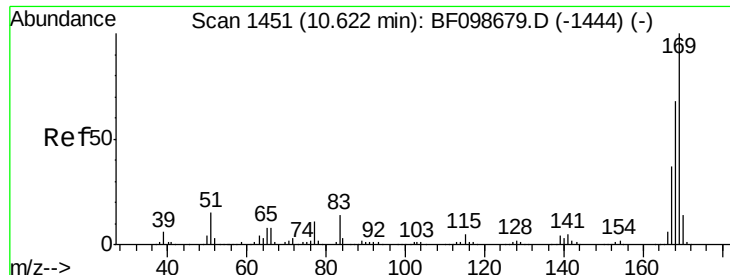
#64
4,6-Dinitro-2-methylphenol
Concen: 46.63 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:198 Resp: 109528
Ion Ratio Lower Upper
198 100
51 48.6 37.7 77.7
105 50.6 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

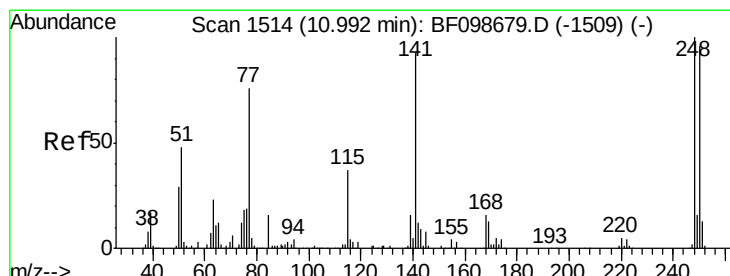
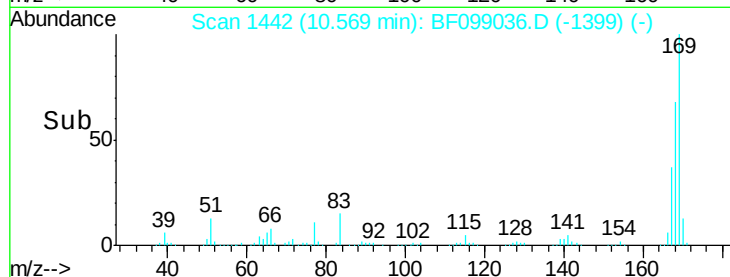
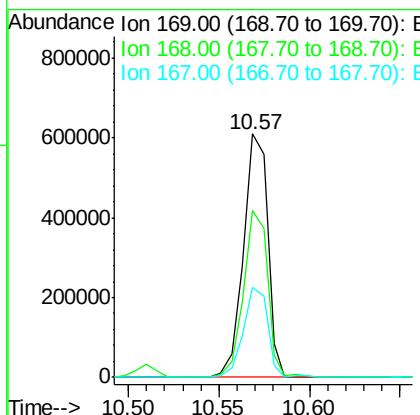
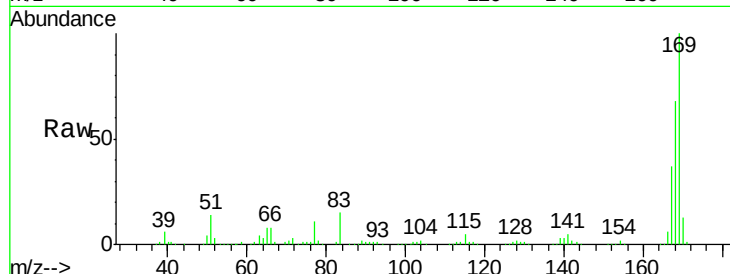




#65
 n-Nitrosodiphenylamine
 Concen: 42.36 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

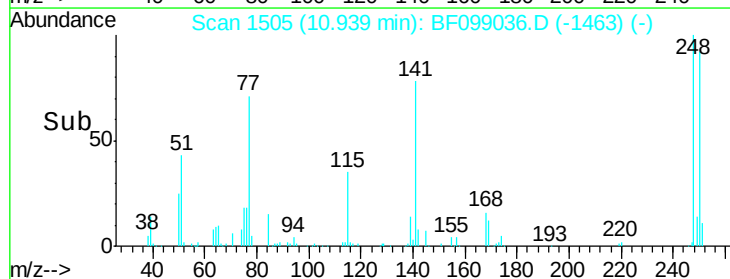
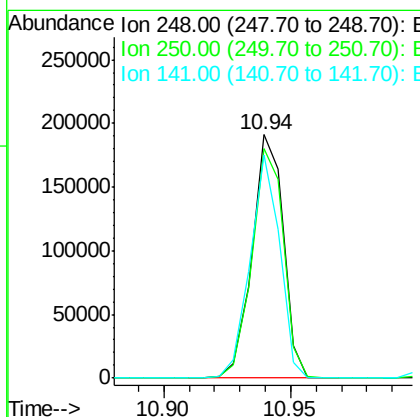
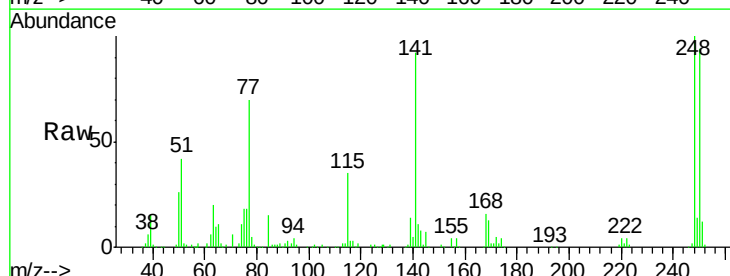
Instrument :
 BNA_F
 ClientSampleId :

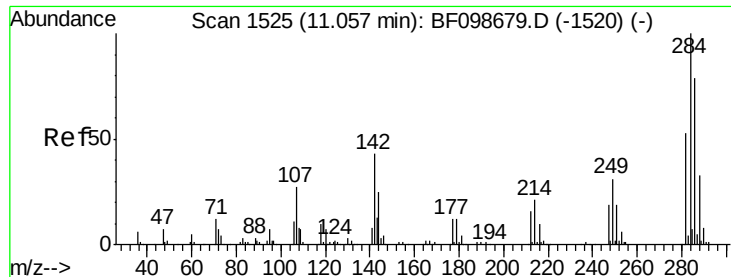
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	36.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.44 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	76.9	115.3
141	91.6	74.4	111.6

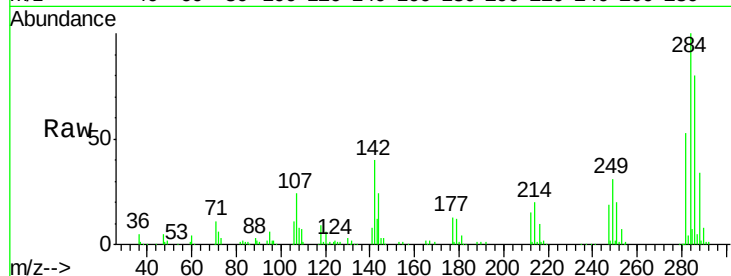




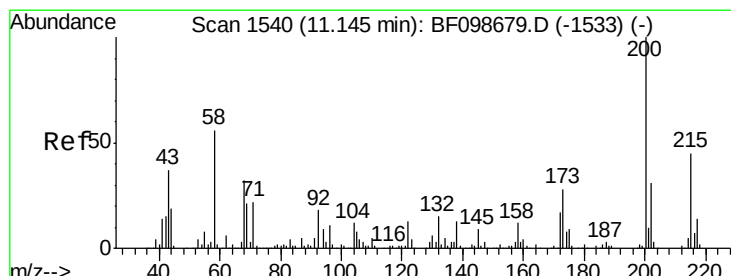
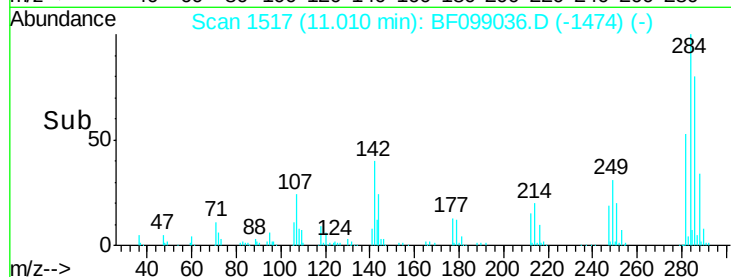
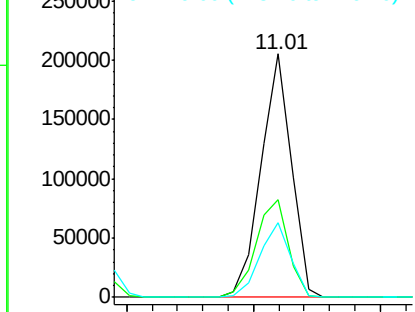
#67
Hexachlorobenzene
Concen: 42.20 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 170320
Ion Ratio Lower Upper
284 100
142 40.3 34.6 52.0
249 30.6 24.8 37.2

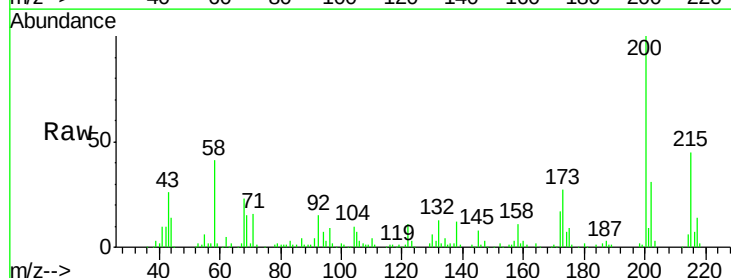


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

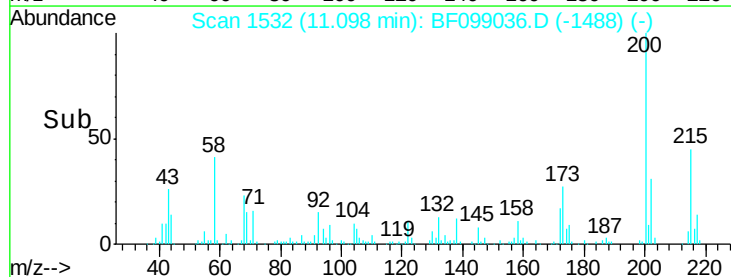
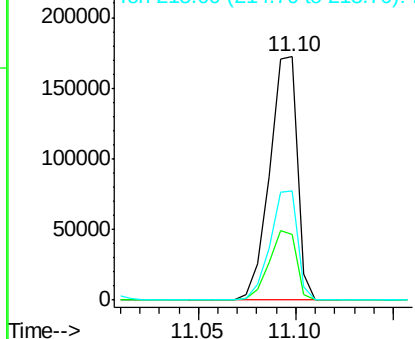


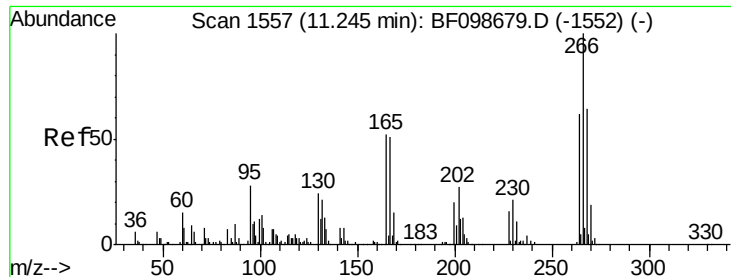
#68
Atrazine
Concen: 42.14 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.04 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:200 Resp: 169573
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 44.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

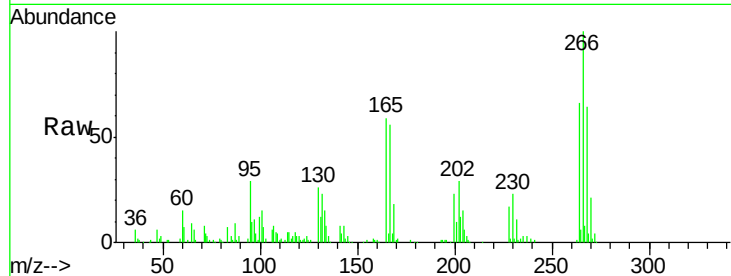




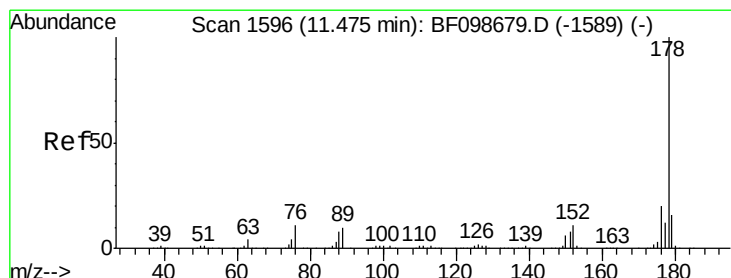
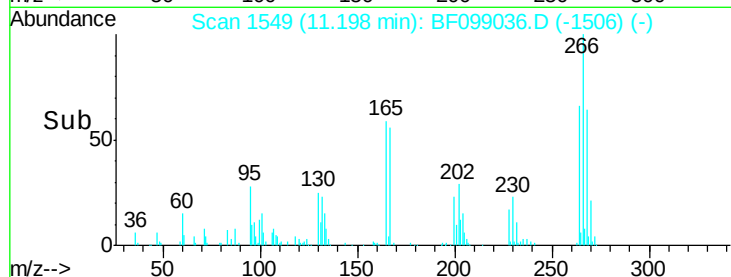
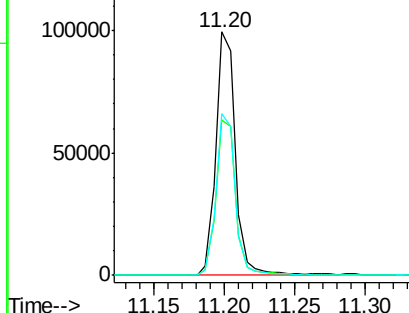
#69
 Pentachlorophenol
 Concen: 38.14 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 95797
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 66.5 49.5 74.3

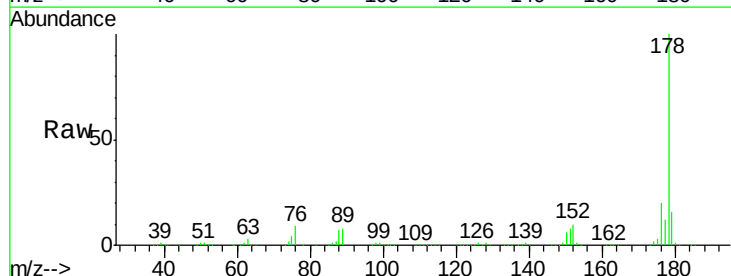


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

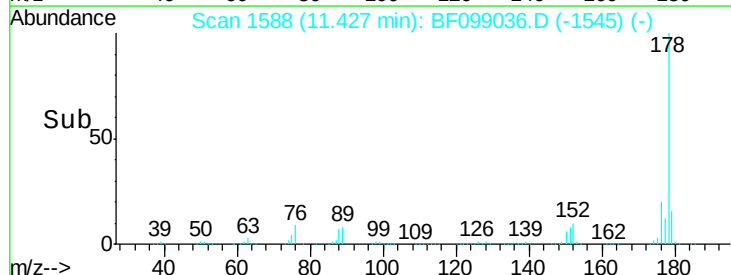
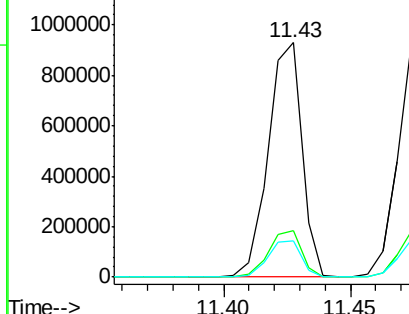


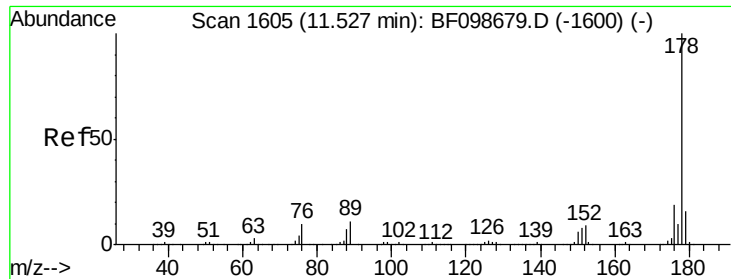
#70
 Phenanthrene
 Concen: 41.51 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:178 Resp: 857850
 Ion Ratio Lower Upper
 178 100
 176 19.9 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

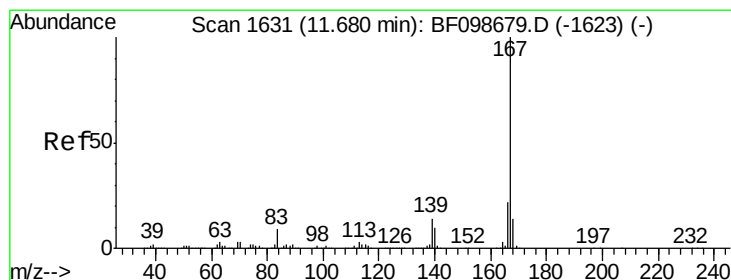
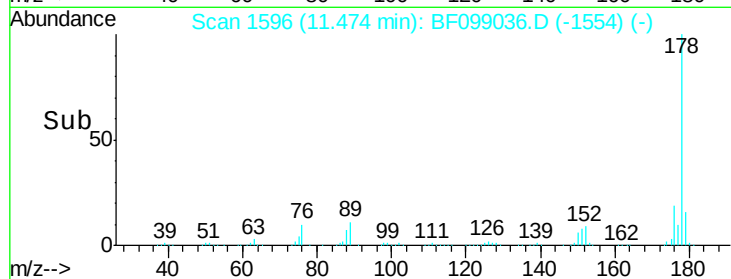
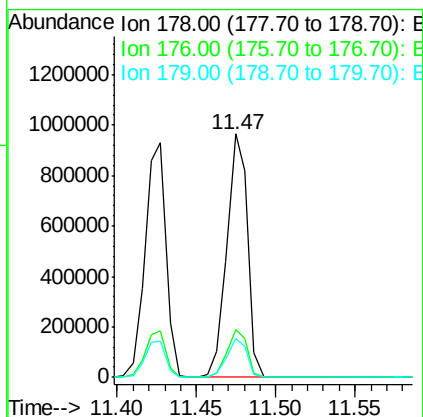
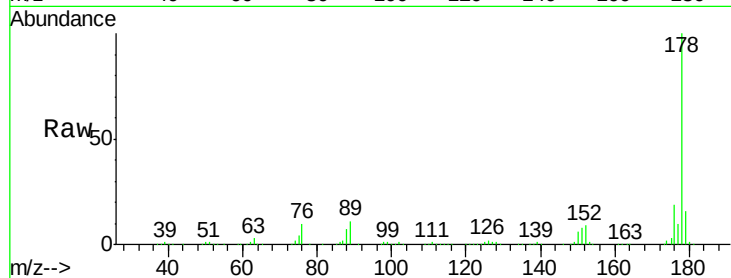




#71
 Anthracene
 Concen: 41.13 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

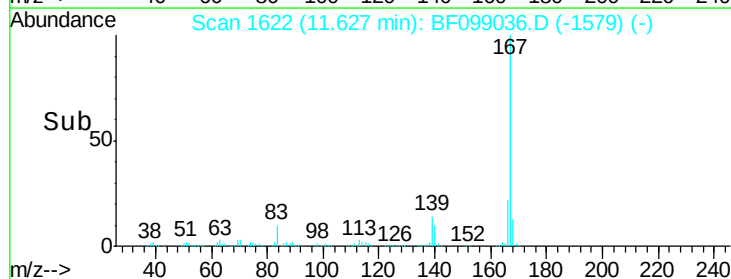
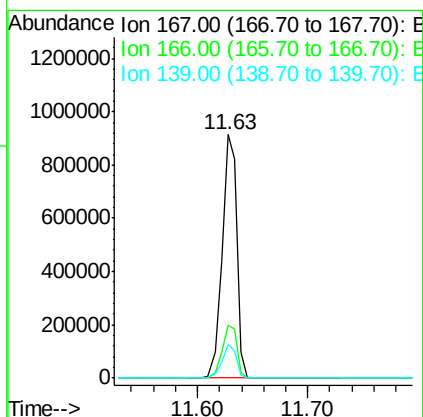
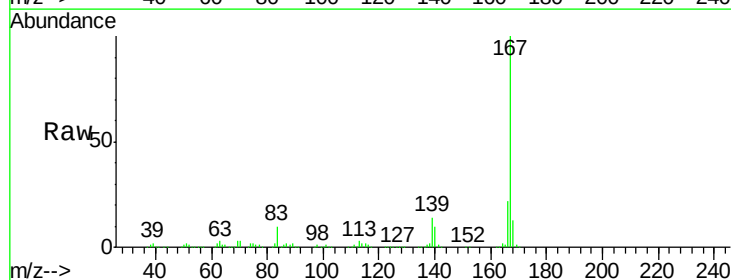
Instrument :
 BNA_F
 ClientSampleId :

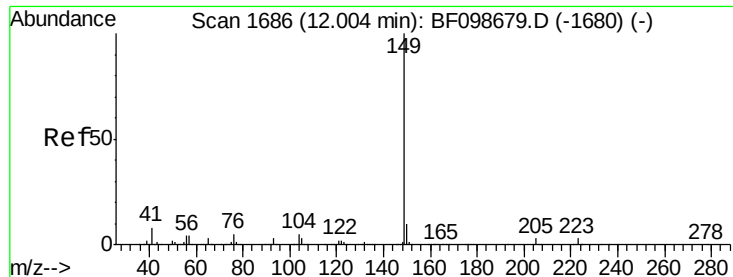
Tot Ion:178 Resp: 869623
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 40.76 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:167 Resp: 843890
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

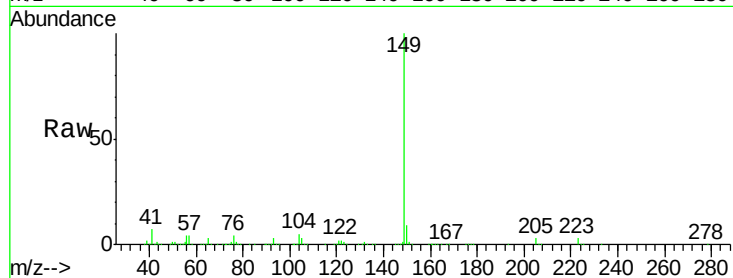
Tot Ion:149 Resp: 1019248

Ion Ratio Lower Upper

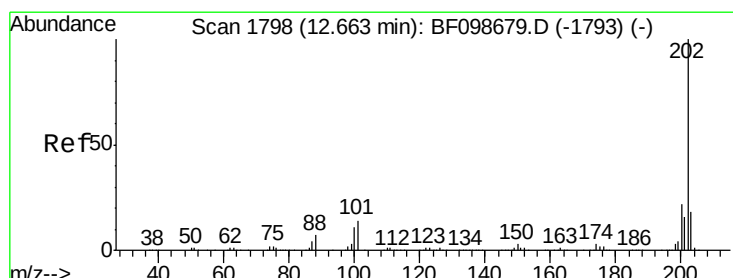
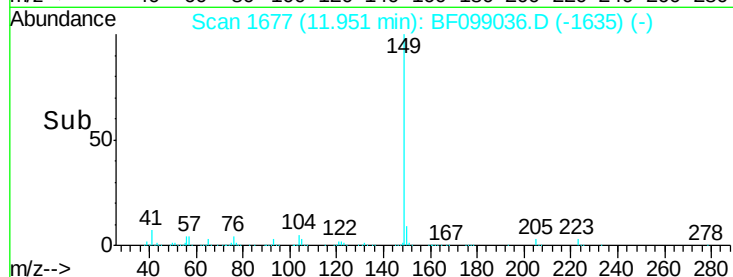
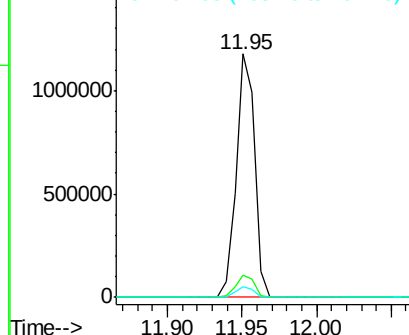
149 100

150 9.3 7.8 11.6

104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.50 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

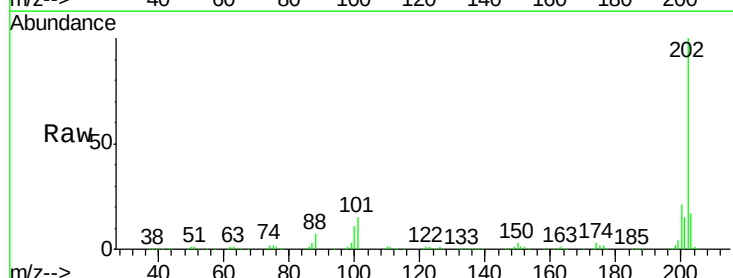
Tgt Ion:202 Resp: 826565

Ion Ratio Lower Upper

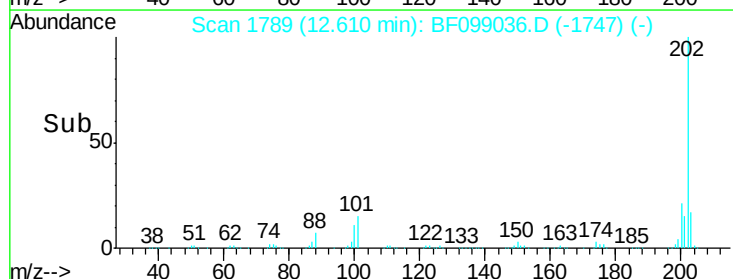
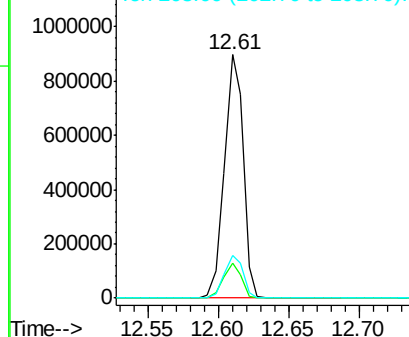
202 100

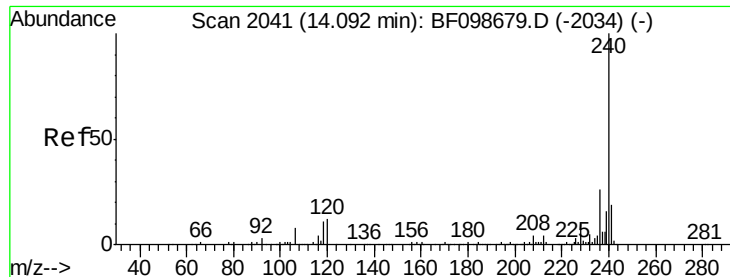
101 14.6 0.0 34.1

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

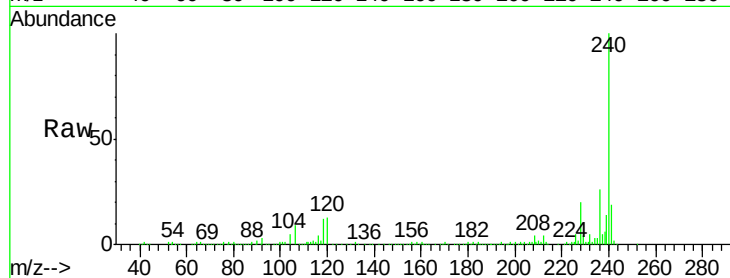
Tot Ion:240 Resp: 233601

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

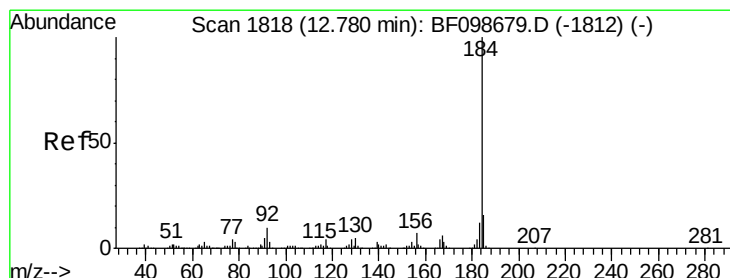
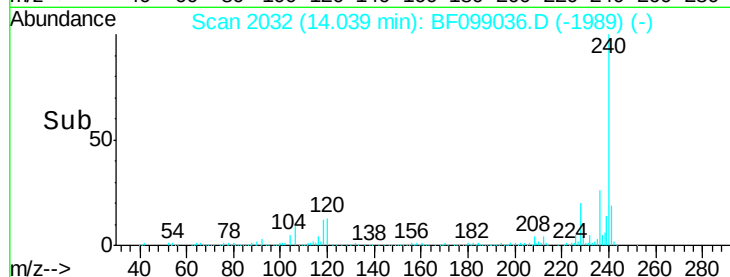
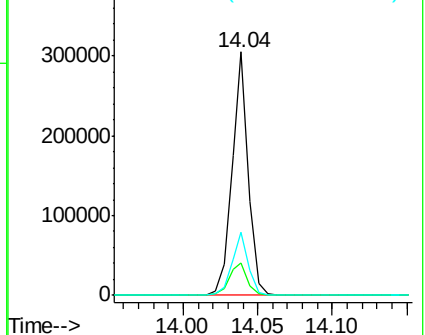
236 25.9 20.7 31.1



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: 47.32 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

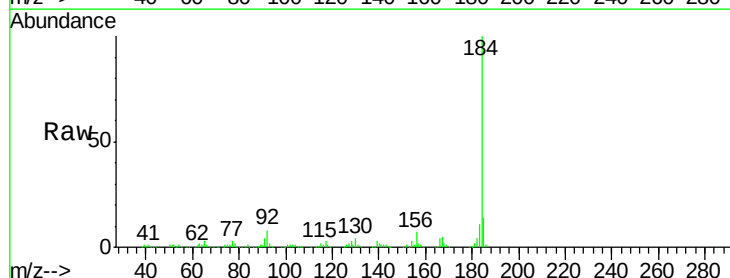
Tgt Ion:184 Resp: 408824

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

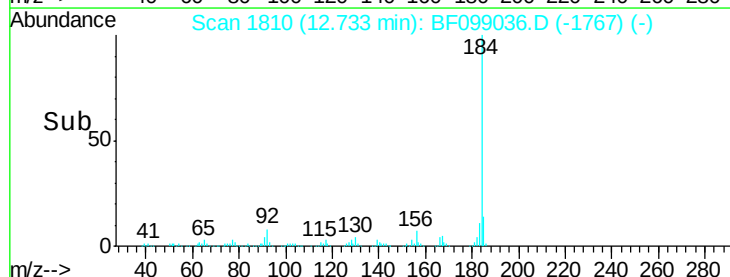
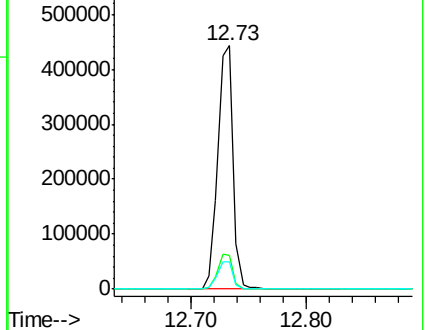
183 11.4 9.3 13.9

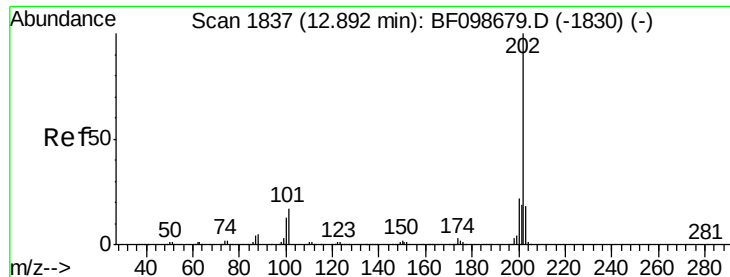


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.25 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

Instrument :

BNA_F

ClientSampleId :

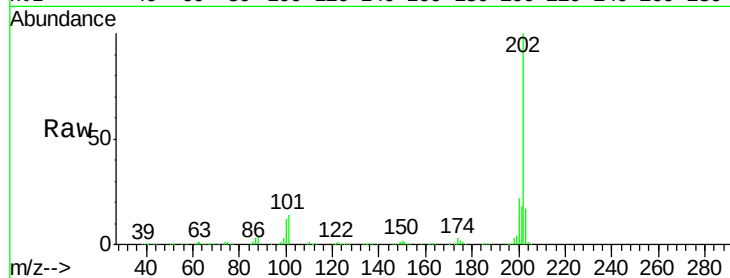
Tot Ion:202 Resp: 841723

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

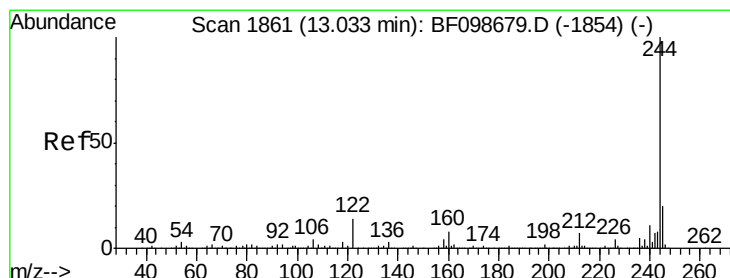
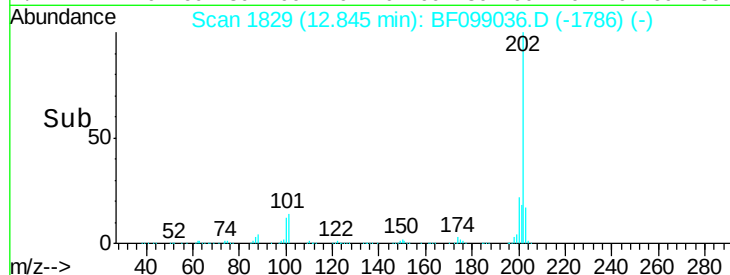
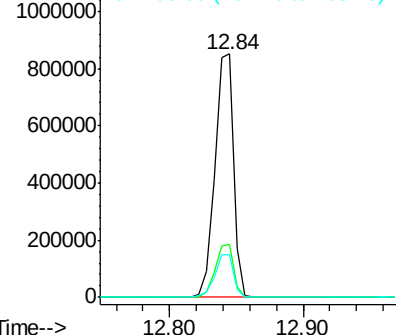
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.46 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099036.D

Acq: 3 Oct 2017 17:53

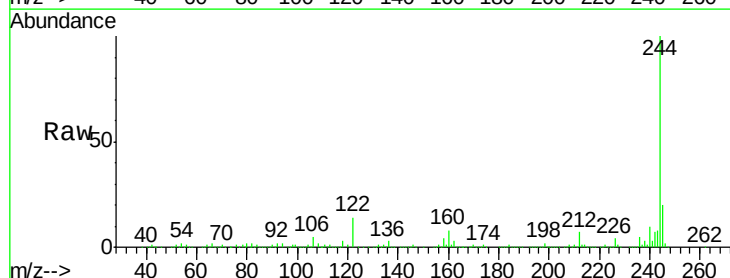
Tgt Ion:244 Resp: 990772

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

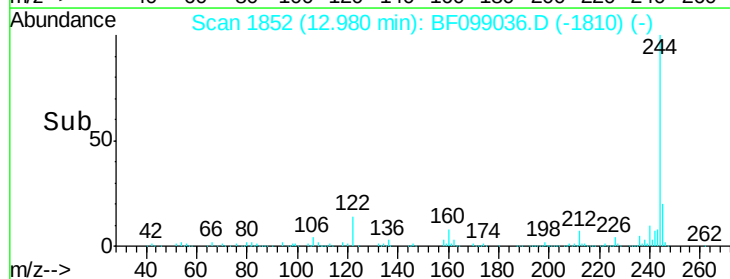
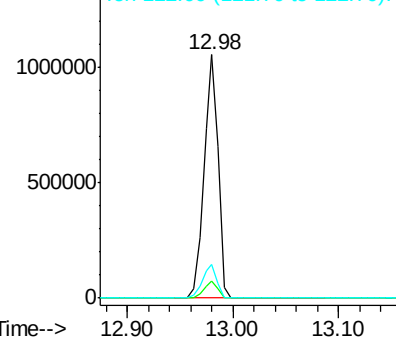
122 13.8 11.0 16.4

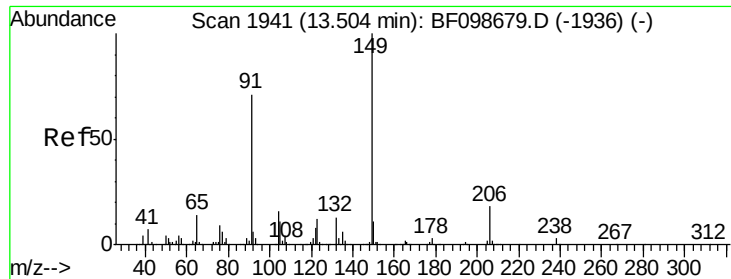


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

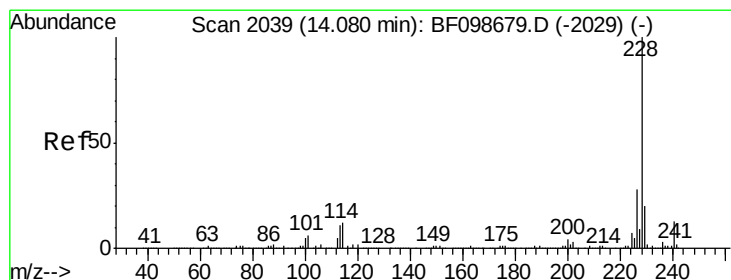
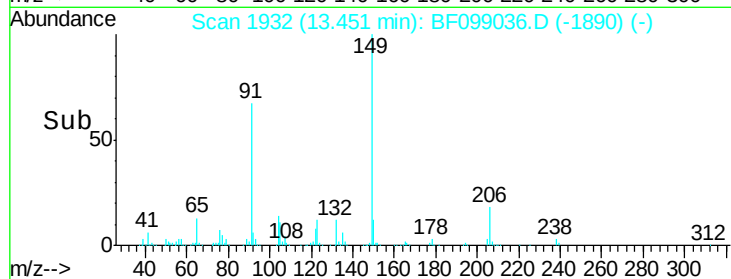
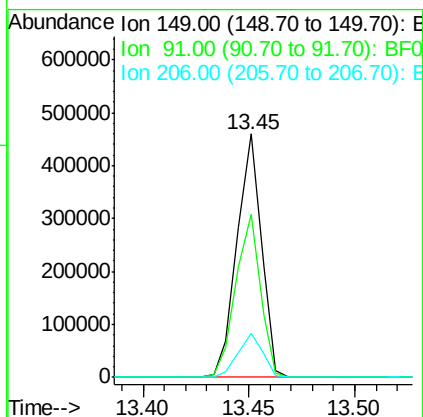
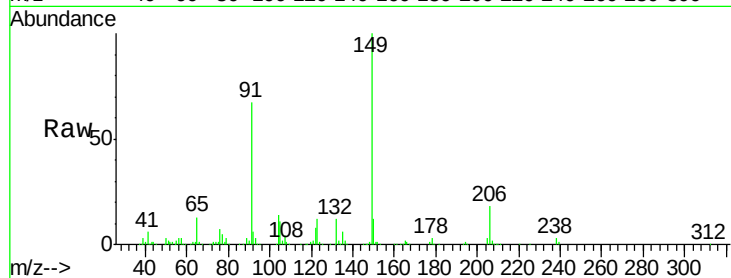




#79
Butylbenzylphthalate
Concen: 44.00 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

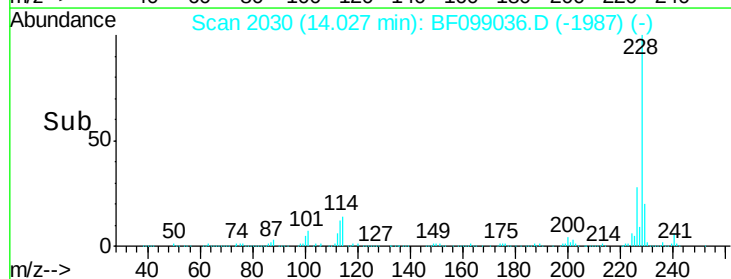
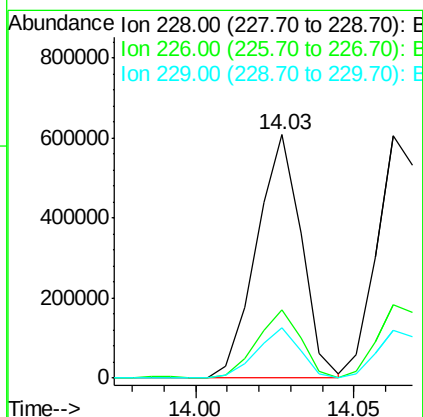
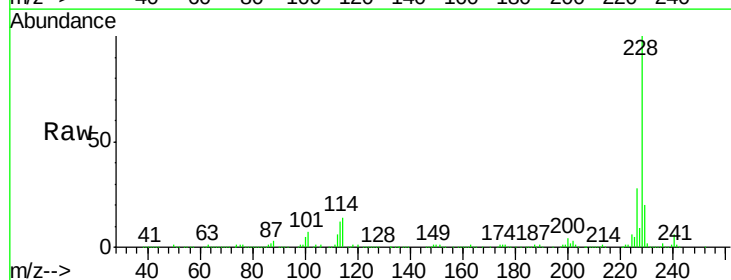
Instrument :
BNA_F
ClientSampleId :

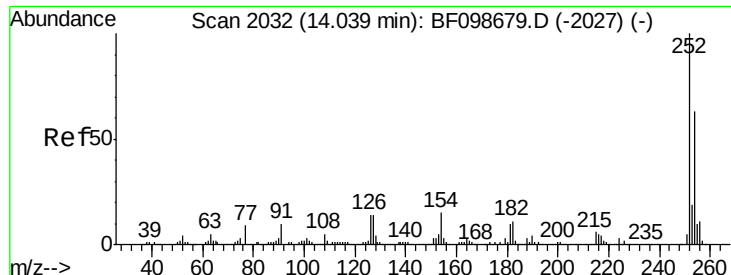
Tot Ion:149 Resp: 368379
Ion Ratio Lower Upper
149 100
91 66.9 56.8 85.2
206 18.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:228 Resp: 595846
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.5 15.8 23.6

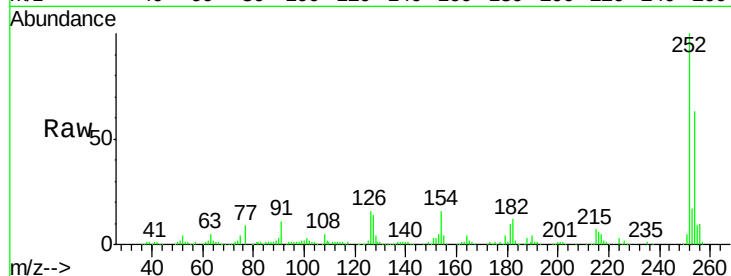




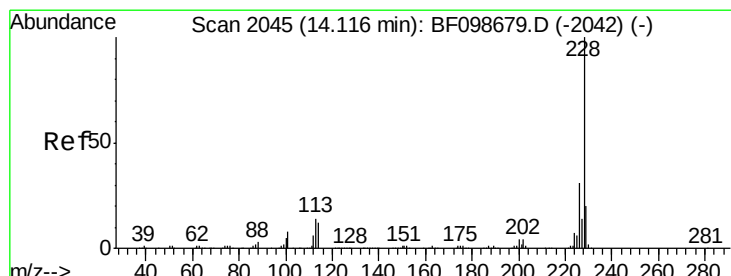
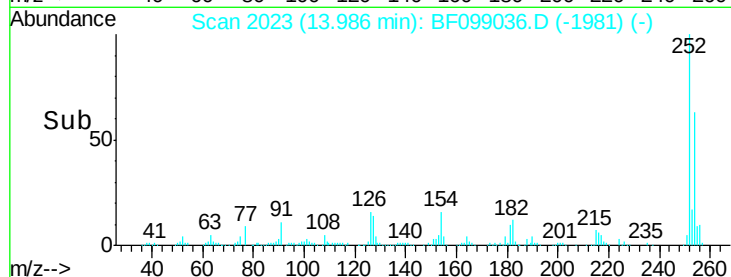
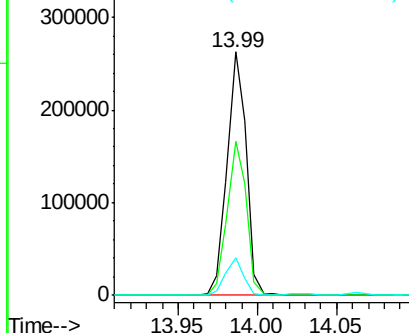
#81
 3,3'-Dichlorobenzidine
 Concen: 42.48 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 220276
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 15.5 11.3 16.9

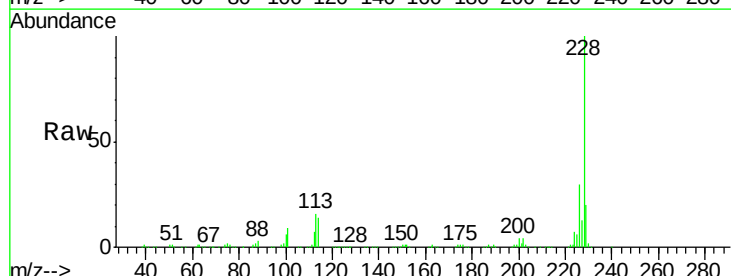


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

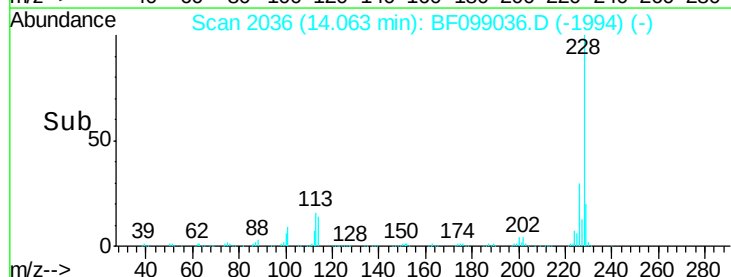
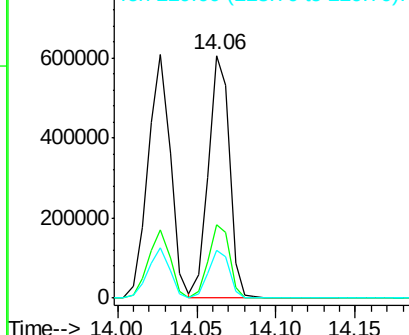


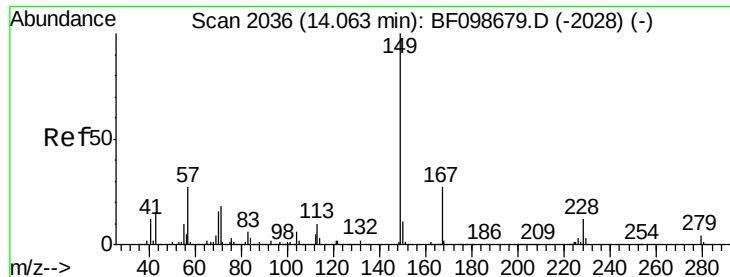
#82
 Chrysene
 Concen: 42.03 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:228 Resp: 566042
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.8 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

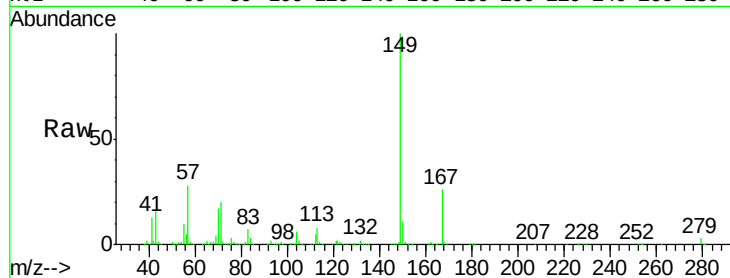




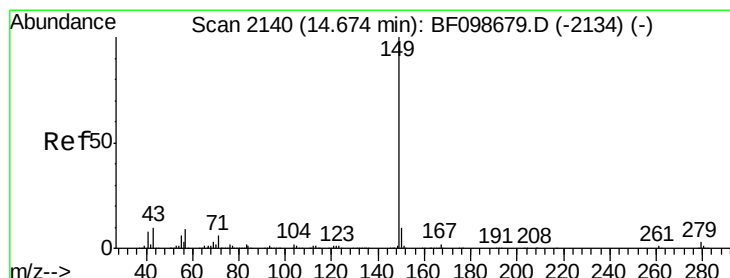
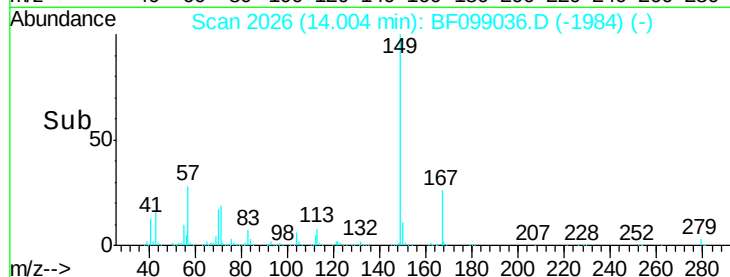
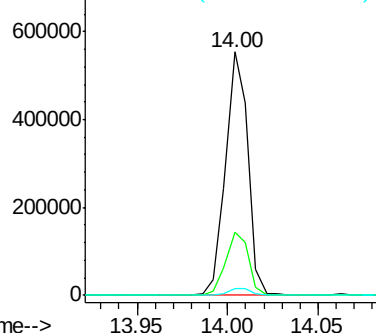
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.15 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 474321
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.8 3.0 4.4#

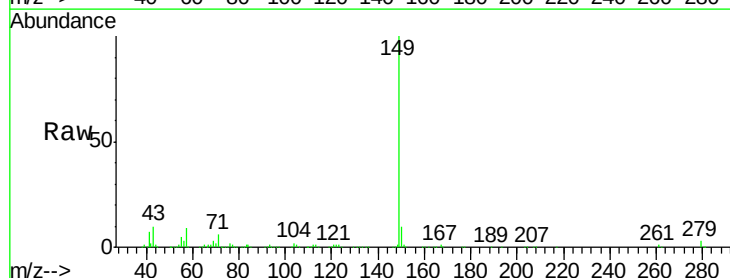


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

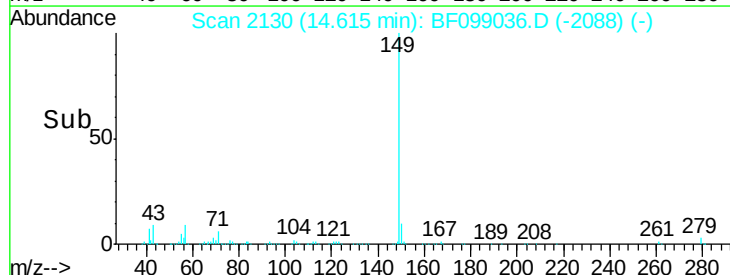
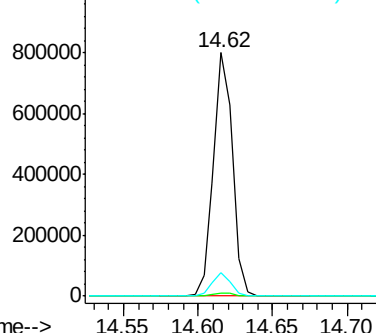


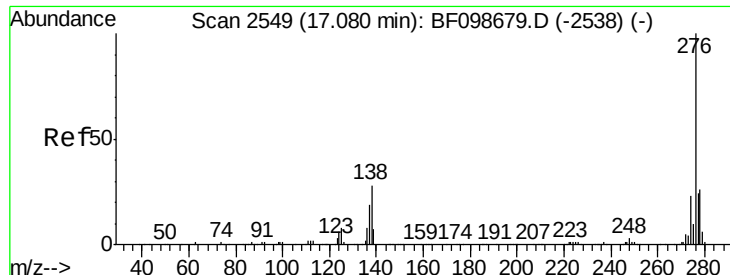
#84
 Di-n-octyl phthalate
 Concen: 38.41 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.05 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:149 Resp: 712937
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 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

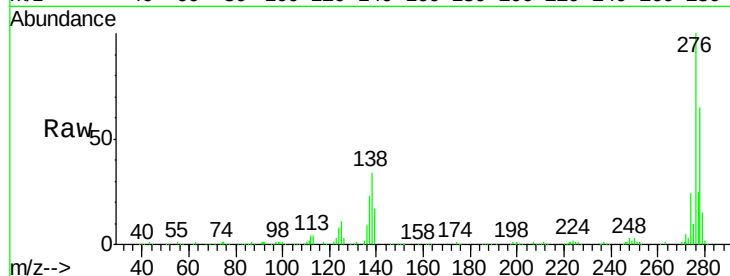




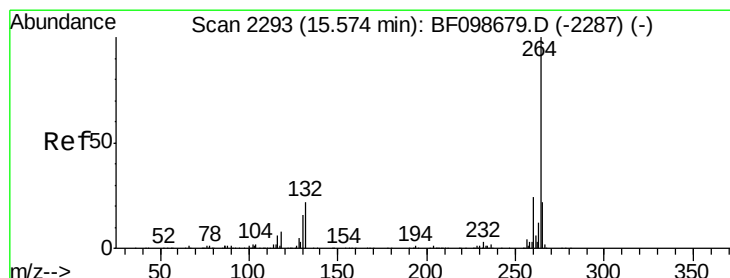
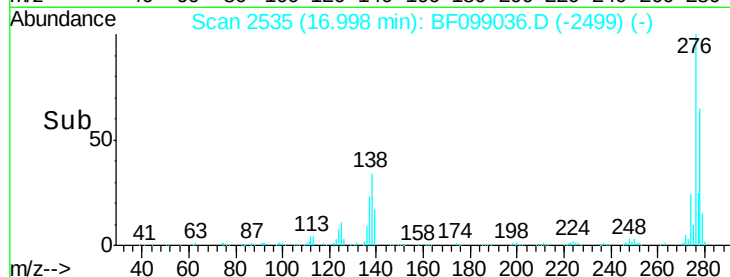
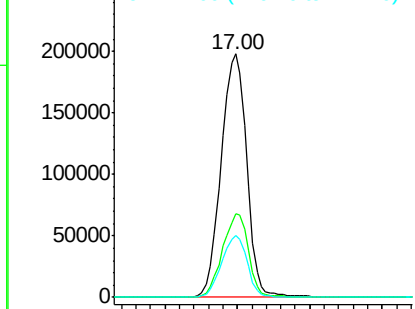
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.26 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.09 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 487522
 Ion Ratio Lower Upper
 276 100
 138 34.8 25.0 37.6
 277 25.4 20.1 30.1

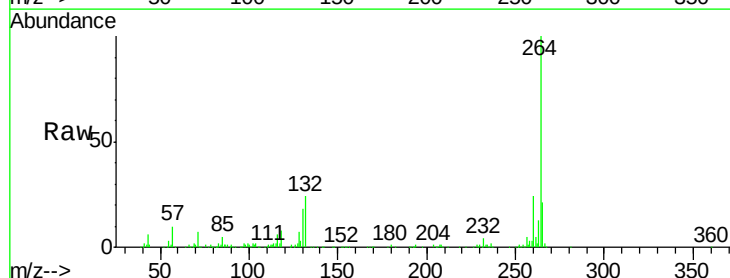


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

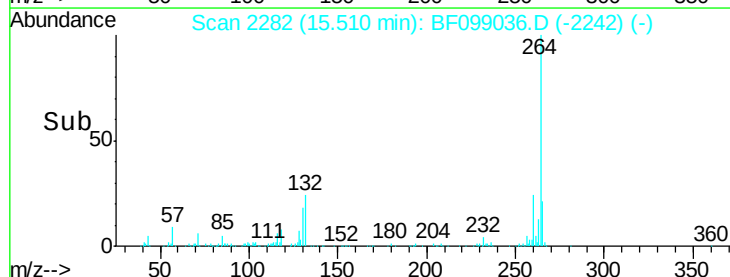
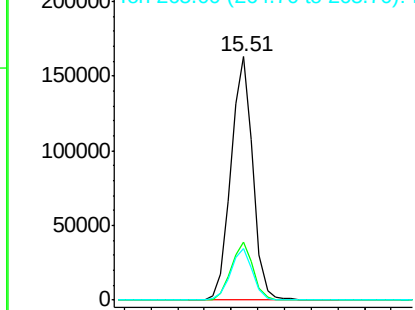


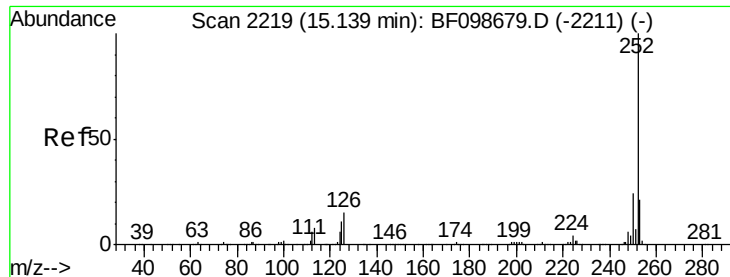
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Tgt Ion:264 Resp: 188043
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 17.5 26.3



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

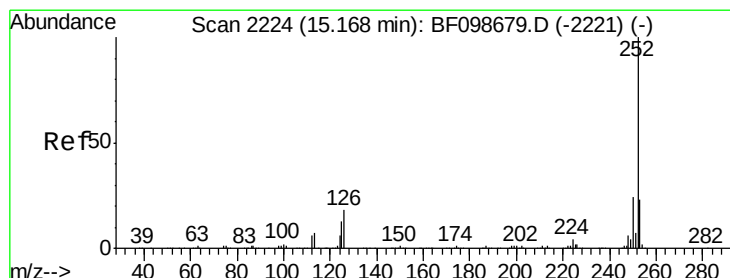
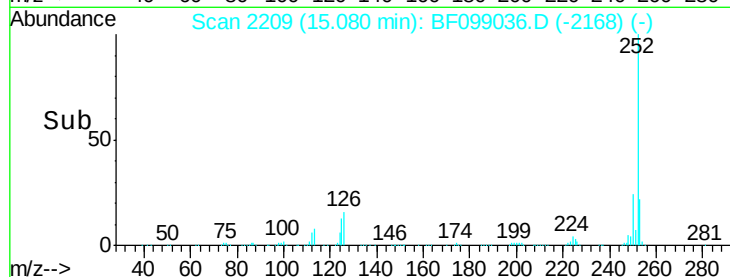
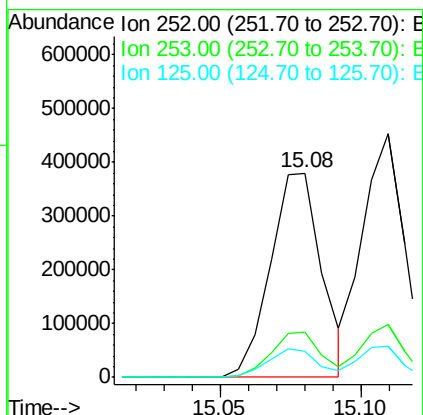
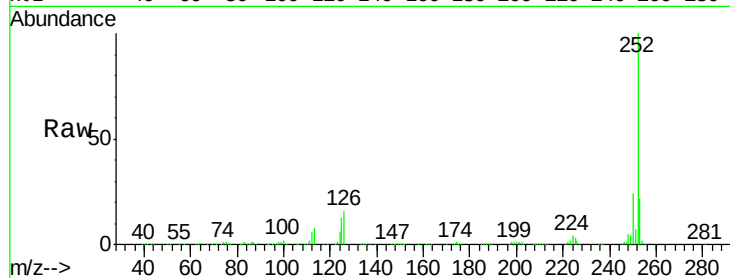




#87
Benzo(b)fluoranthene
Concen: 41.51 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

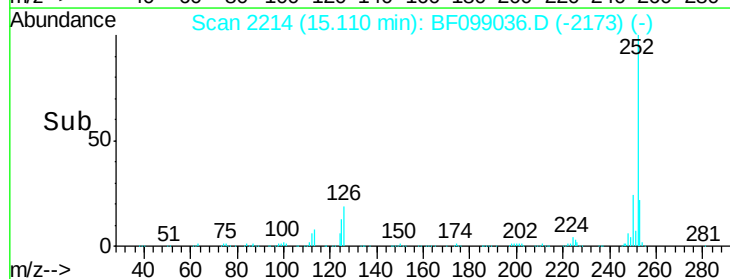
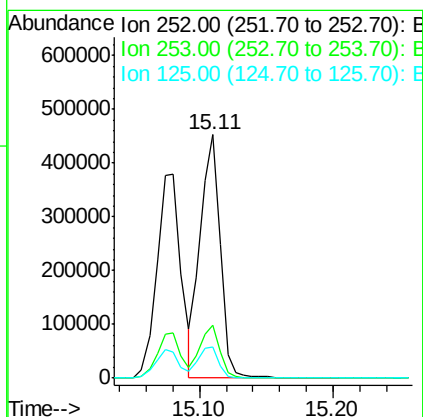
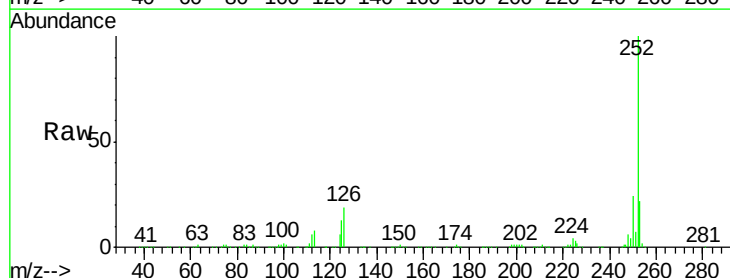
Instrument :
BNA_F
ClientSampleId :

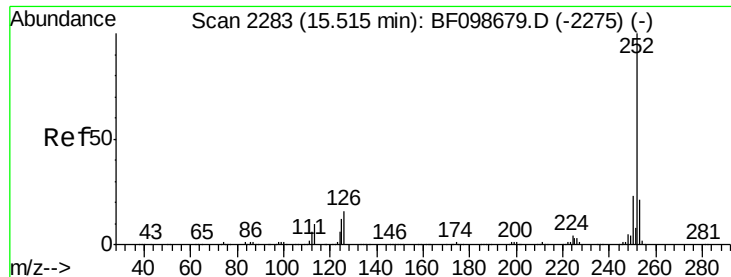
Tot Ion:252 Resp: 479960
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.00 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:252 Resp: 468233
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.7 10.2 15.2

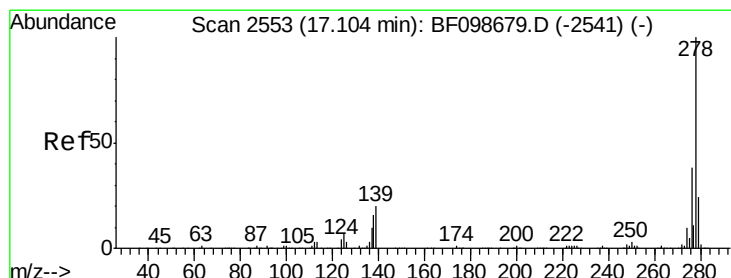
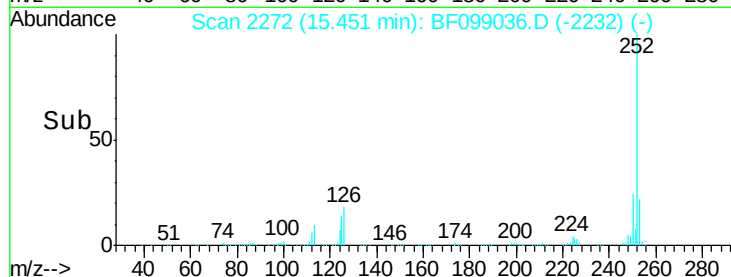
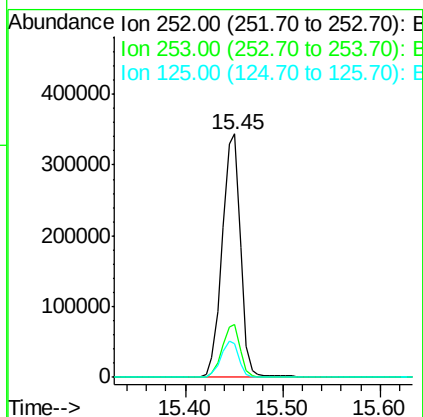
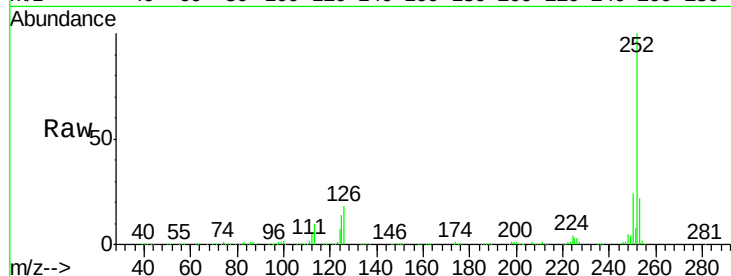




#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

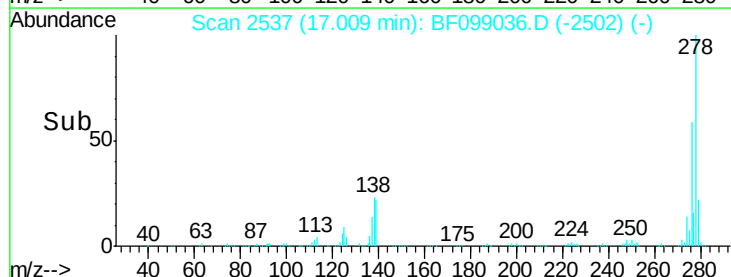
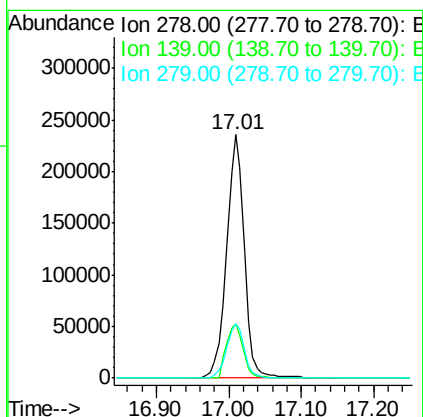
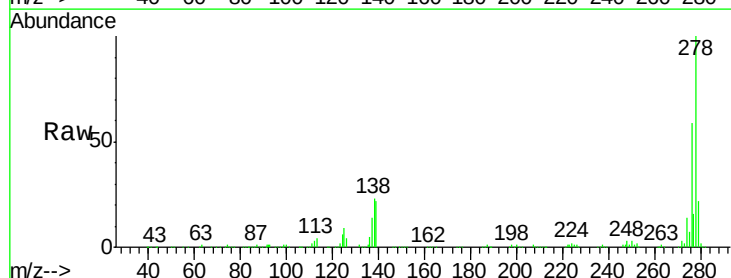
Instrument :
BNA_F
ClientSampleId :

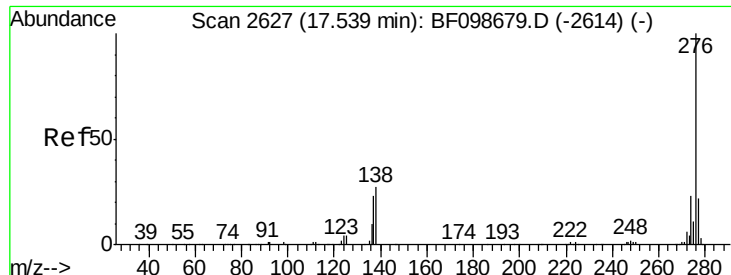
Tot Ion:252 Resp: 449195
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.01 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.09 min
Lab File: BF099036.D
Acq: 3 Oct 2017 17:53

Tgt Ion:278 Resp: 399266
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 22.4 19.0 28.4

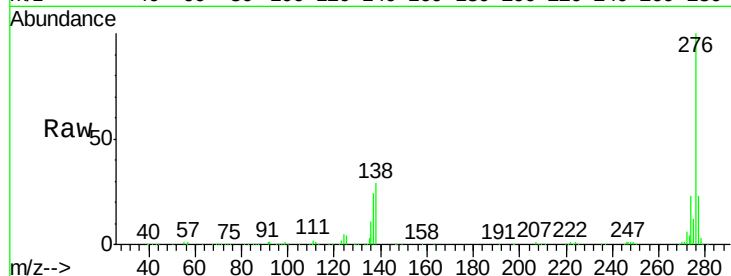




#91
 Benzo(a,h,i)perylene
 Concen: 48.54 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.09 min
 Lab File: BF099036.D
 Acq: 3 Oct 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	29.1	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

