

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF098999.D
 Acq On : 2 Oct 2017 15:04
 Operator : SJ/JU
 Sample : PB102839BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 17:15:44 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	6.90	152	117627	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	488472	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	222846	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	379838	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	243535	20.00	ng	-0.01
86) Perylene-d12	15.56	264	203708	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	910595	123.24	ng	0.00
7) Phenol-d6	6.53	99	1098833	120.55	ng	-0.01
23) Nitrobenzene-d5	7.47	82	669625	87.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	230304	126.30	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1239113	92.83	ng	-0.02
78) Terphenyl-d14	13.02	244	981250	91.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	131068	37.133	ng	98
3) Pyridine	3.56	79	359990	37.701	ng	99
4) n-Nitrosodimethylamine	3.51	42	159466	39.384	ng	89
6) Aniline	6.57	93	260871	21.205	ng	97
8) 2-Chlorophenol	6.69	128	339306	40.549	ng	94
9) Benzaldehyde	6.46	77	195334	36.942	ng	95
10) Phenol	6.55	94	413144	40.527	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	317526	40.065	ng	99
12) 1,3-Dichlorobenzene	6.85	146	361012	41.195	ng	97
13) 1,4-Dichlorobenzene	6.92	146	362801	40.690	ng	98
14) 1,2-Dichlorobenzene	7.07	146	335796	40.759	ng	98
15) Benzyl Alcohol	7.04	79	283413	42.382	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	494222	40.026	ng	98
17) 2-Methylphenol	7.15	107	281490	41.113	ng	98
18) Hexachloroethane	7.42	117	130839	40.825	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	224052	38.499	ng	100
20) 3+4-Methylphenols	7.30	107	343748	39.686	ng	# 80
22) Acetophenone	7.31	105	456822	38.600	ng	# 99
24) Nitrobenzene	7.49	77	347889	40.263	ng	96
25) Isophorone	7.72	82	641692	40.748	ng	100
26) 2-Nitrophenol	7.80	139	186288	44.835	ng	96
27) 2,4-Dimethylphenol	7.83	122	314826	40.122	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	409209	41.697	ng	98
29) 2,4-Dichlorophenol	8.04	162	279967	41.557	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	282516	41.928	ng	98
31) Naphthalene	8.21	128	951077	41.456	ng	100
32) Benzoic acid	7.95	122	183181	28.420	ng	99
33) 4-Chloroaniline	8.25	127	129797	13.548	ng	98
34) Hexachlorobutadiene	8.32	225	139643	40.236	ng	98
35) Caprolactam	8.63	113	50846	23.528	ng	87
36) 4-Chloro-3-methylphenol	8.73	107	298430	39.411	ng	98
37) 2-Methylnaphthalene	8.90	142	660421	44.282	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	252361	37.972	ng	99
40) Hexachlorocyclopentadiene	9.05	237	269024	88.577	ng	99

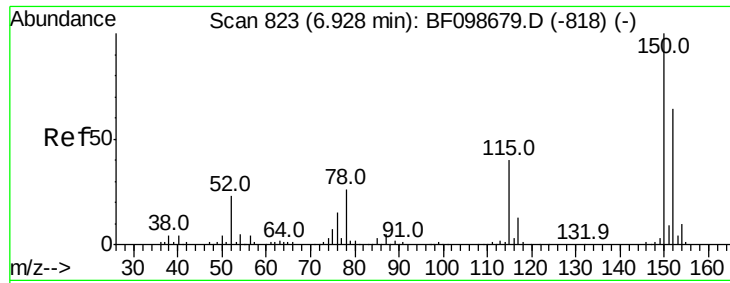
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF098999.D
 Acq On : 2 Oct 2017 15:04
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Quant Time: Oct 02 17:15:44 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	9.17	196	188149	39.962	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	192240	40.903	ng	98
45) 1,1'-Biphenyl	9.36	154	752762	39.304	ng	100
46) 2-Chloronaphthalene	9.39	162	595887	41.439	ng	96
47) 2-Nitroaniline	9.49	65	180954	41.097	ng	93
48) Acenaphthylene	9.81	152	911141	41.391	ng	99
49) Dimethylphthalate	9.66	163	690280	41.041	ng	100
50) 2,6-Dinitrotoluene	9.73	165	153136	41.822	ng	90
51) Acenaphthene	9.98	154	540979	38.796	ng	100
52) 3-Nitroaniline	9.89	138	89030	20.853	ng	98
53) 2,4-Dinitrophenol	10.00	184	134176	71.084	ng	96
54) Dibenzofuran	10.15	168	808826	43.564	ng	100
55) 4-Nitrophenol	10.06	139	259356	71.841	ng	91
56) 2,4-Dinitrotoluene	10.13	165	207899	43.748	ng	87
57) Fluorene	10.49	166	623122	41.756	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	142925	44.022	ng	98
59) Diethylphthalate	10.36	149	671165	40.838	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	279287	41.664	ng	99
61) 4-Nitroaniline	10.51	138	162906	39.549	ng	94
62) Azobenzene	10.64	77	655580	43.383	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	87211	37.737	ng	89
65) n-Nitrosodiphenylamine	10.60	169	552798	42.010	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	162712	43.763	ng	92
67) Hexachlorobenzene	11.04	284	161157	40.584	ng	97
68) Atrazine	11.13	200	167273	42.251	ng	99
69) Pentachlorophenol	11.23	266	168815	68.308	ng	99
70) Phenanthrene	11.46	178	862376	42.415	ng	99
71) Anthracene	11.51	178	898985	43.214	ng	99
72) Carbazole	11.66	167	806142	39.571	ng	99
73) Di-n-butylphthalate	11.99	149	1018493	41.535	ng	99
74) Fluoranthene	12.64	202	845945	41.089	ng	99
76) Benzidine	12.76	184	211468	23.477	ng	97
77) Pyrene	12.87	202	865086	46.584	ng	99
79) Butylbenzylphthalate	13.48	149	387149	44.359	ng	99
80) Benzo(a)anthracene	14.06	228	630492	42.755	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	128845	23.834	ng	95
82) Chrysene	14.10	228	585686	41.717	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	512624	42.656	ng	100
84) Di-n-octyl phthalate	14.65	149	806913	41.699	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	571315	50.871	ng	96
87) Benzo(b)fluoranthene	15.12	252	527043	42.080	ng	99
88) Benzo(k)fluoranthene	15.15	252	523745	42.337	ng	98
89) Benzo(a)pyrene	15.50	252	502100	43.673	ng	97
90) Dibenzo(a,h)anthracene	17.09	278	481272	52.307	ng	96
91) Benzo(g,h,i)perylene	17.53	276	496006	54.537	ng	98

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

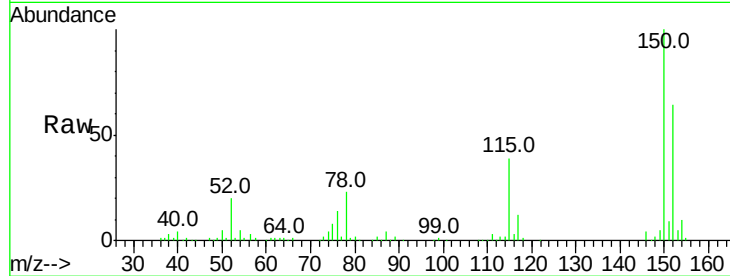


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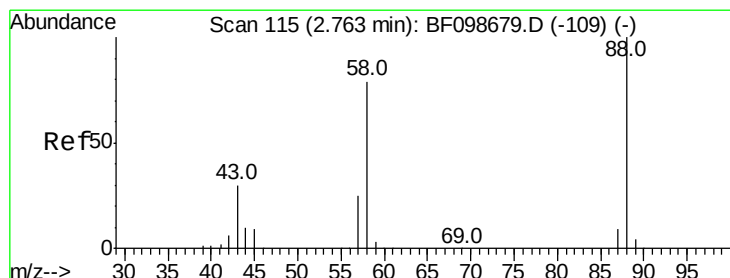
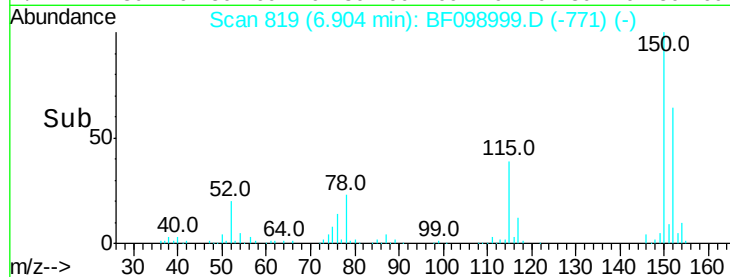
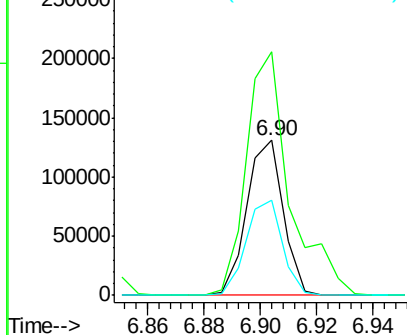
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117627
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 61.0 50.1 75.1



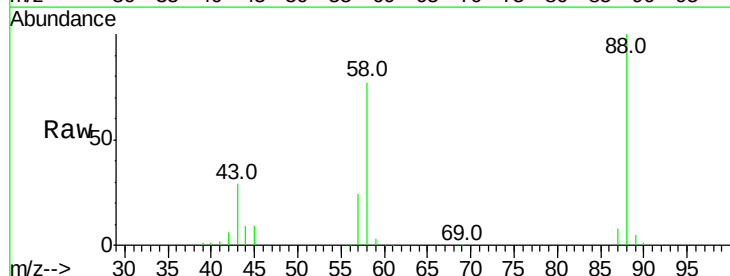
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



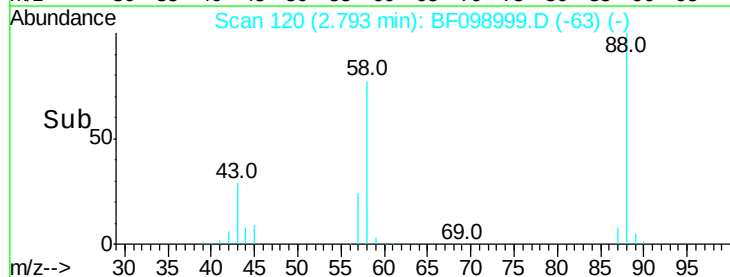
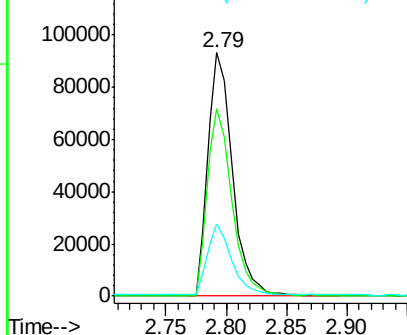
#2

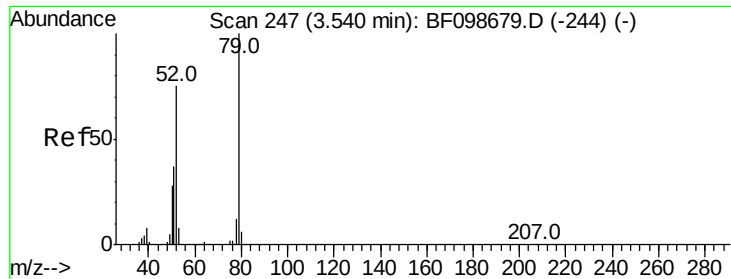
1,4-Dioxane
Concen: 37.133 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.04 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion: 88 Resp: 131068
Ion Ratio Lower Upper
88 100
58 77.3 62.6 93.8
43 27.9 24.6 37.0



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





#3

Pvridine

Concen: 37.701 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.03 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

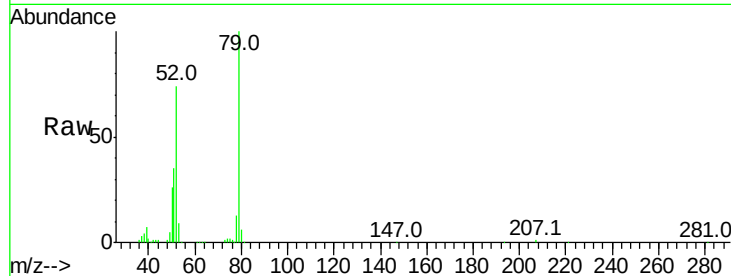
Tot Ion: 79 Resp: 359990

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

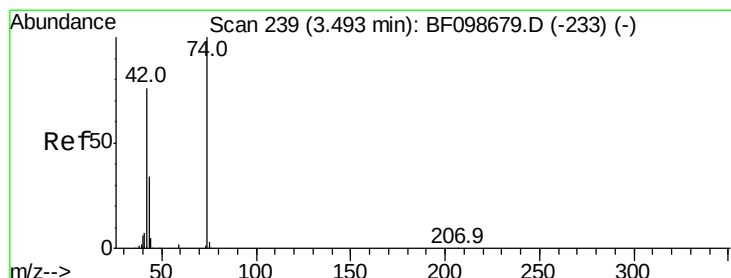
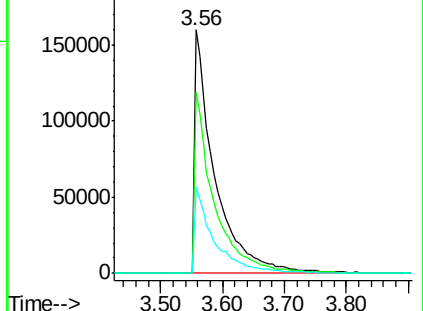
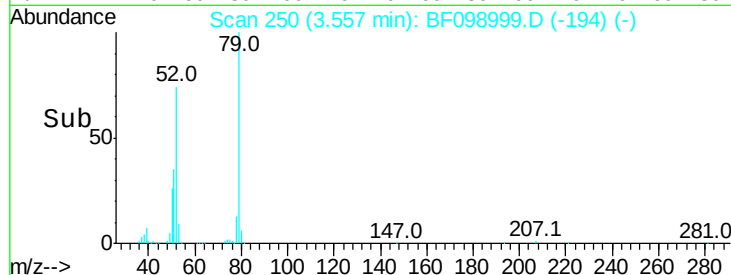
51 35.2 29.8 44.8



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: 39.384 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

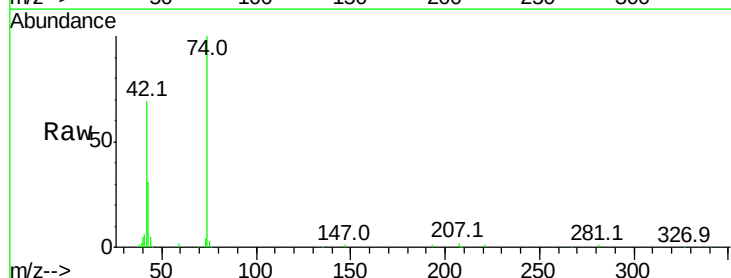
Tgt Ion: 42 Resp: 159466

Ion Ratio Lower Upper

42 100

74 144.4 104.9 157.3

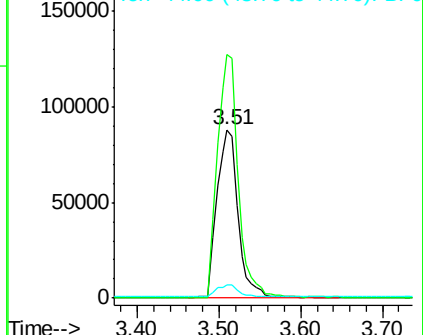
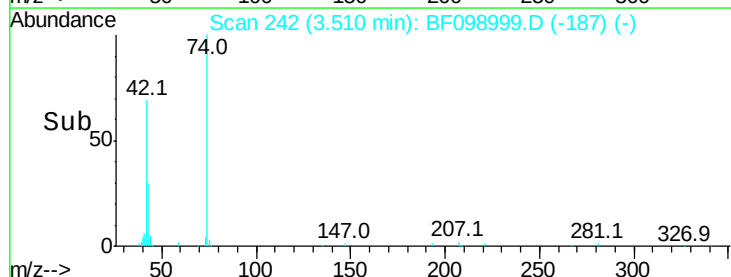
44 7.9 6.9 10.3

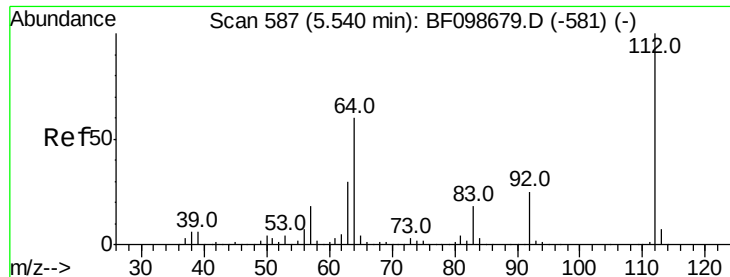


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.235 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

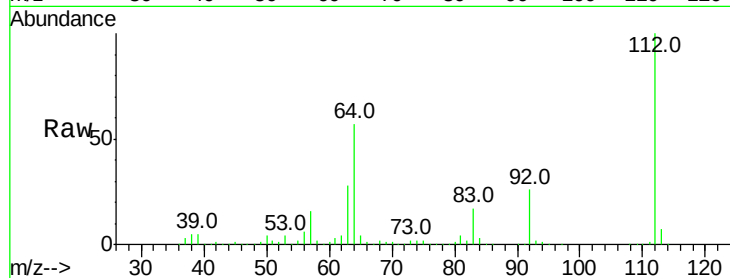
Tot Ion:112 Resp: 910595

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

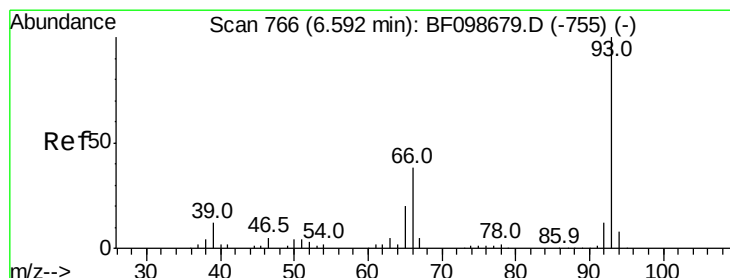
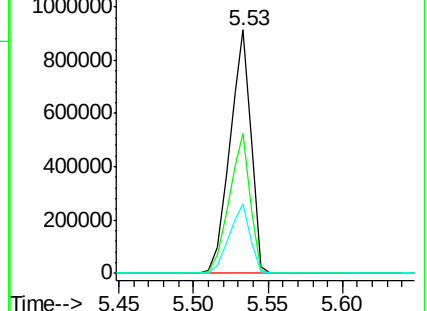
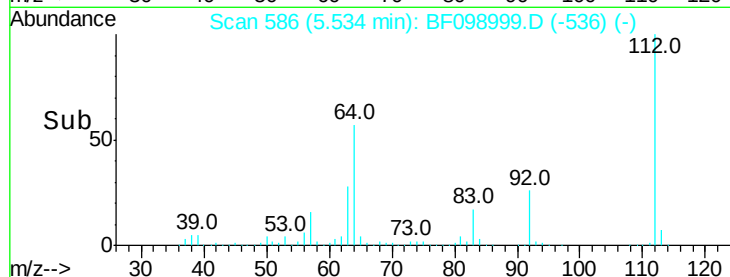
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.205 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

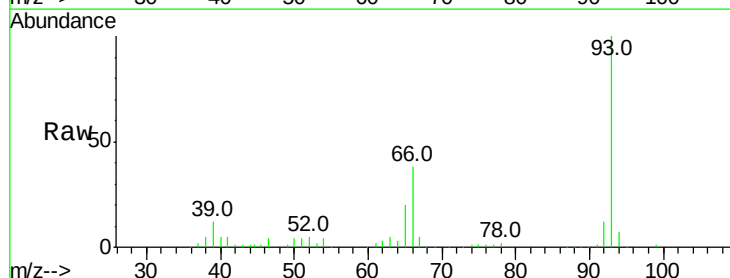
Tgt Ion: 93 Resp: 260871

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

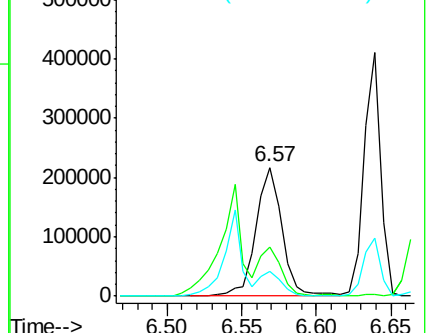
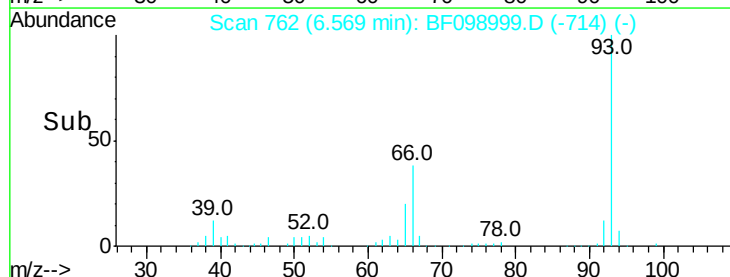
65 19.6 16.4 24.6

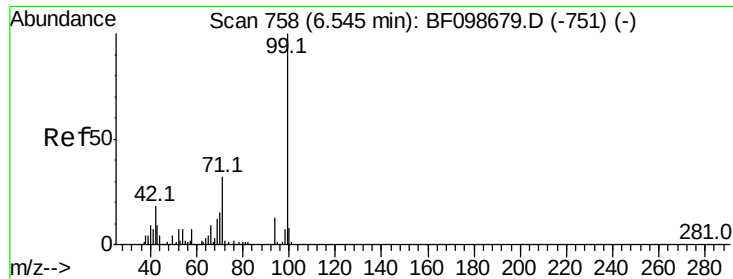


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.548 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

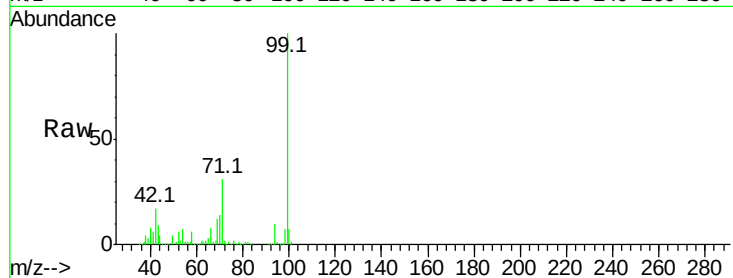
Tot Ion: 99 Resp: 1098833

Ion Ratio Lower Upper

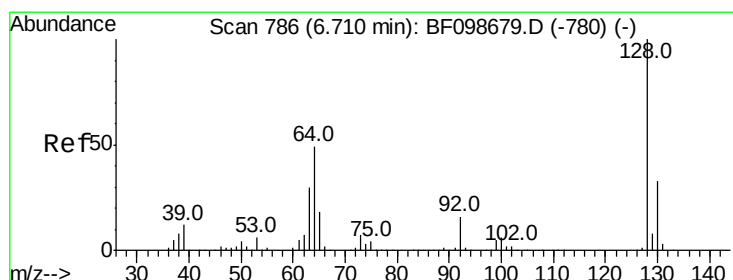
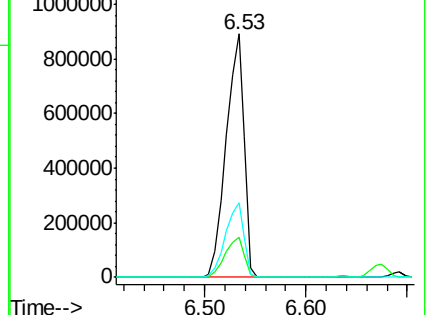
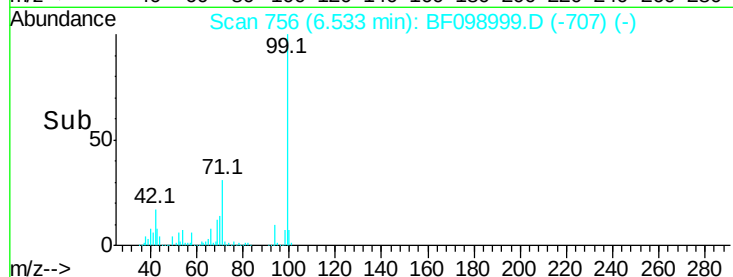
99 100

42 16.7 14.5 21.7

71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.549 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

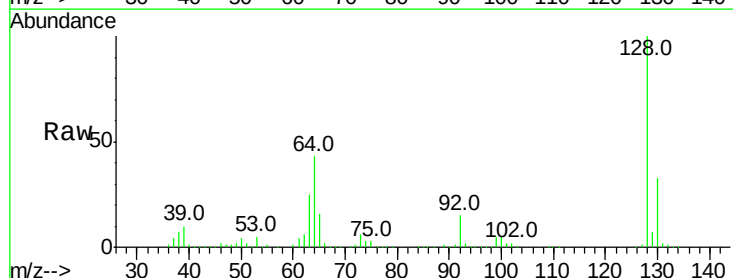
Tgt Ion: 128 Resp: 339306

Ion Ratio Lower Upper

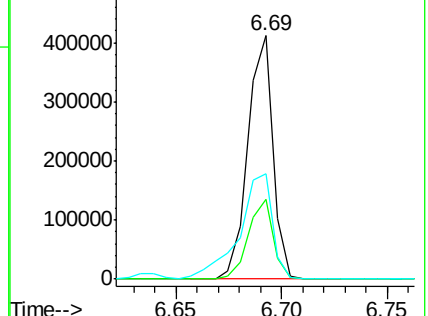
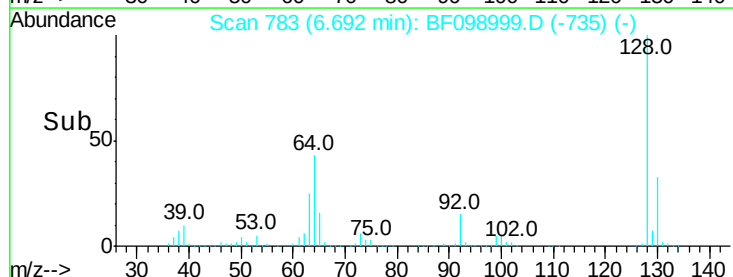
128 100

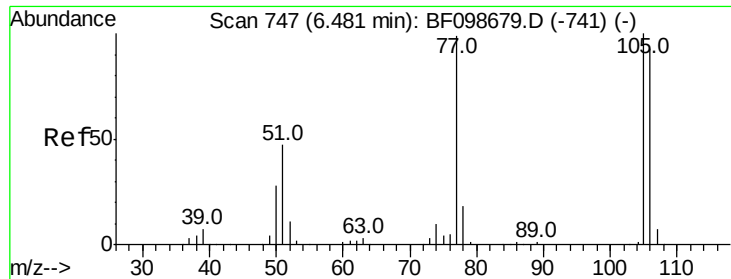
130 32.8 13.0 53.0

64 43.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.942 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

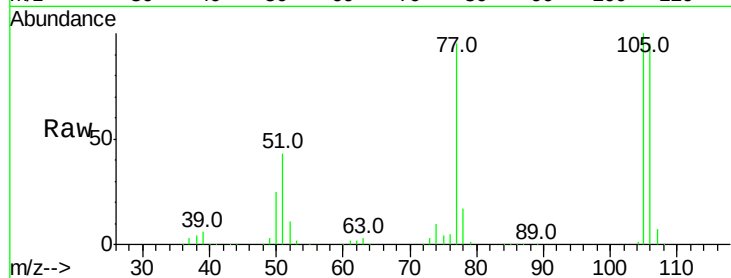
Tot Ion: 77 Resp: 195334

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

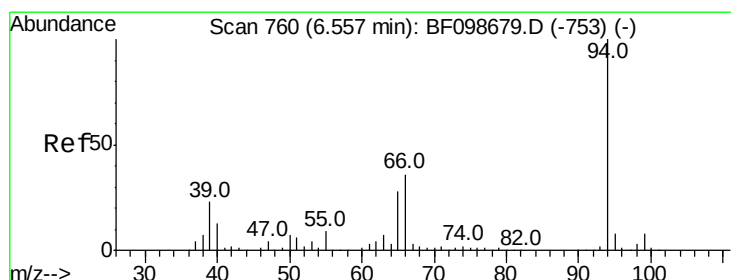
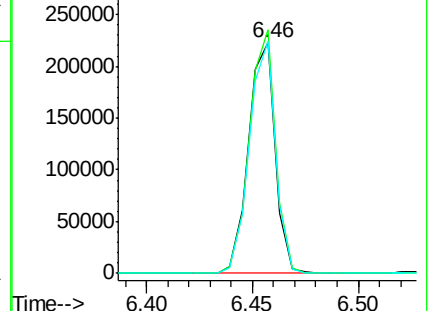
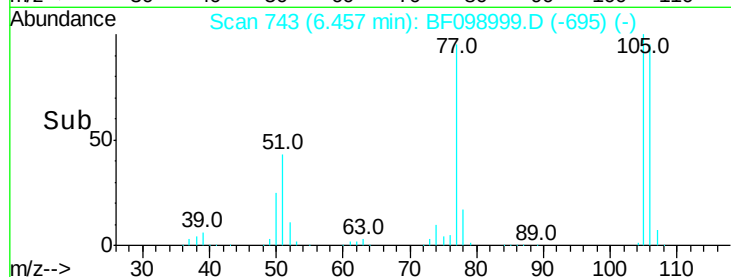
106 100.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.527 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

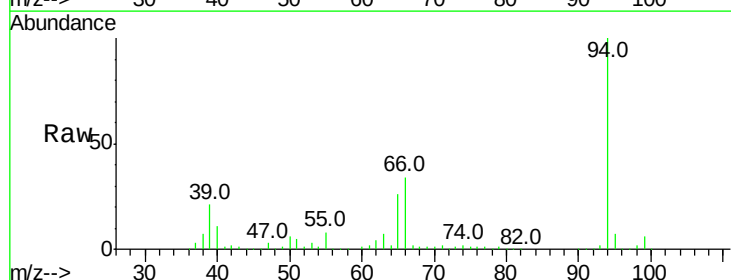
Tgt Ion: 94 Resp: 413144

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

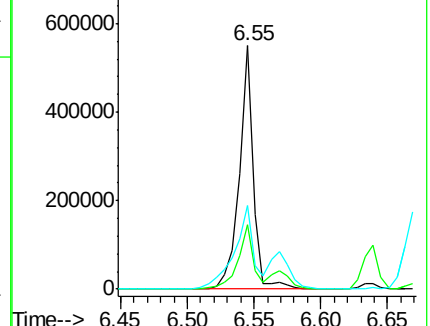
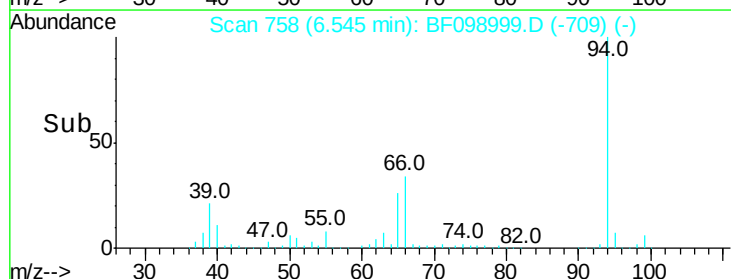
66 34.4 16.2 56.2

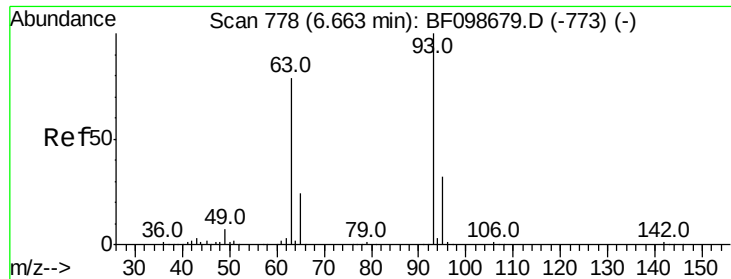


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.065 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

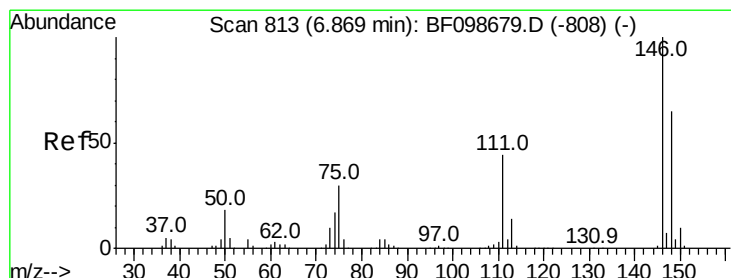
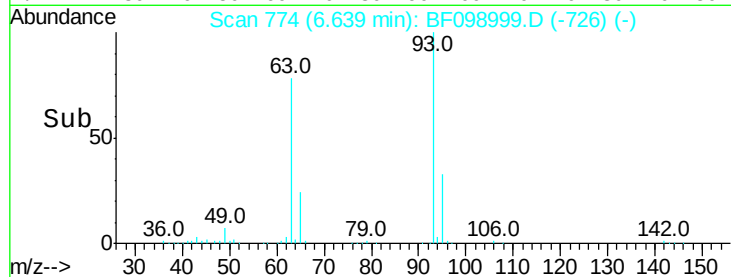
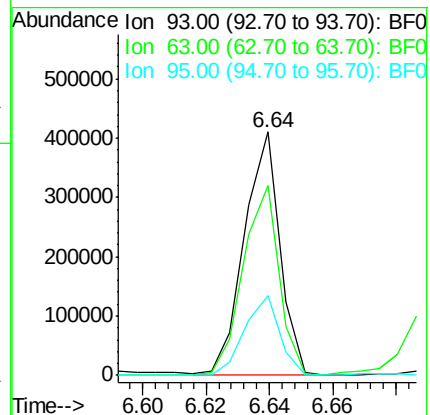
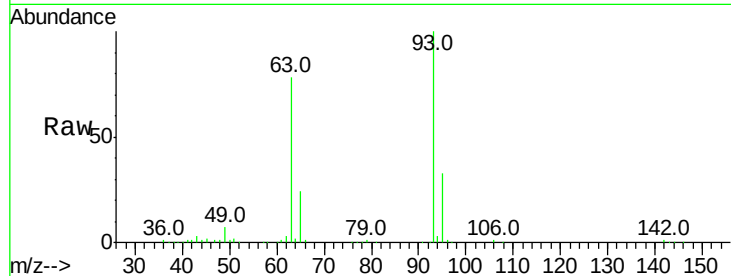
Tot Ion: 93 Resp: 317526

Ion Ratio Lower Upper

93 100

63 77.9 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.195 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

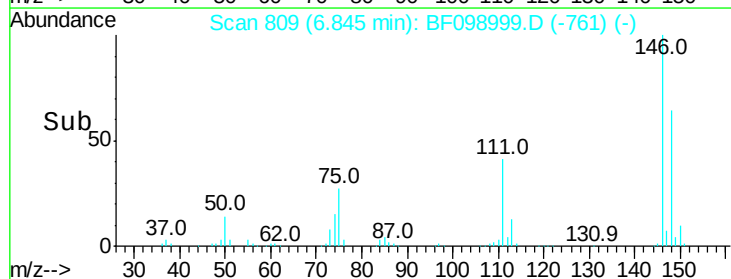
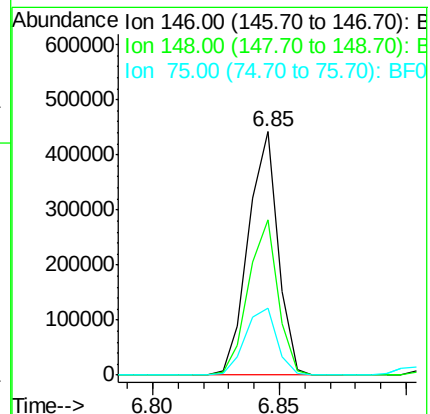
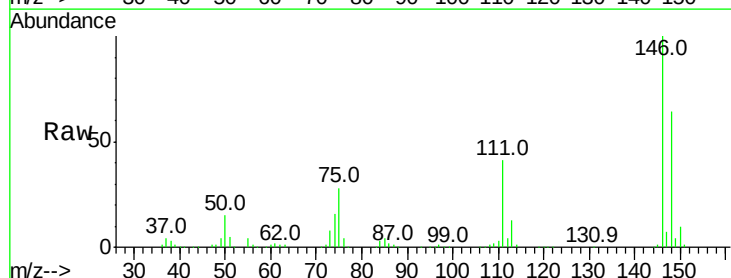
Tgt Ion: 146 Resp: 361012

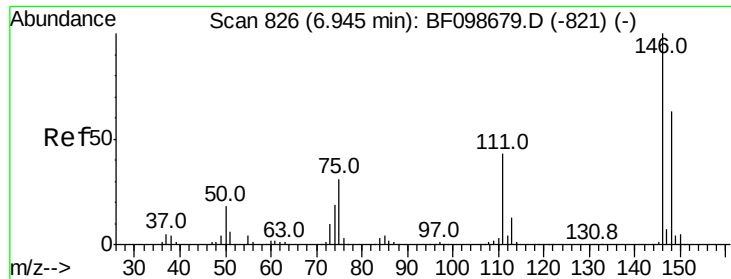
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 27.6 24.2 36.4

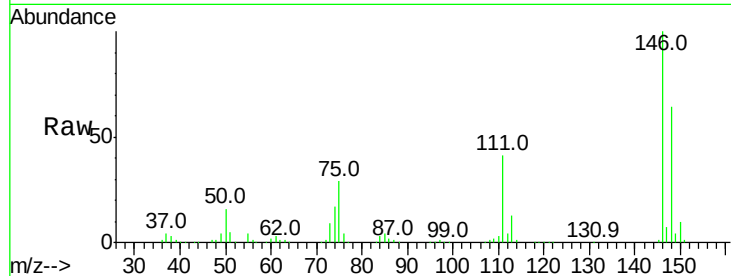




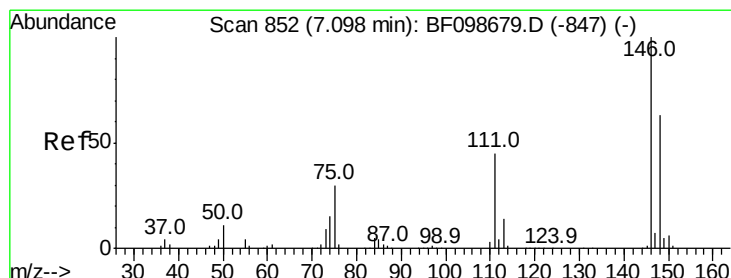
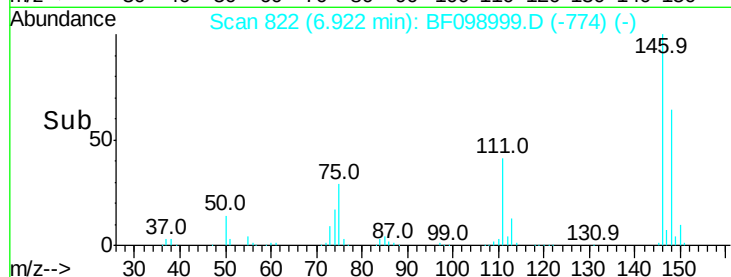
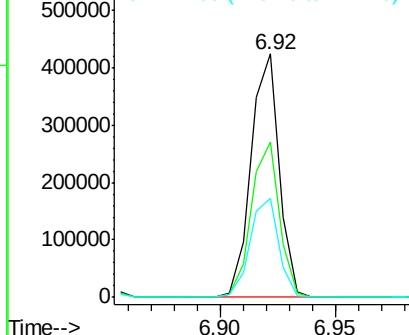
#13
 1,4-Dichlorobenzene
 Concen: 40.690 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 362801
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.9 34.2 51.2

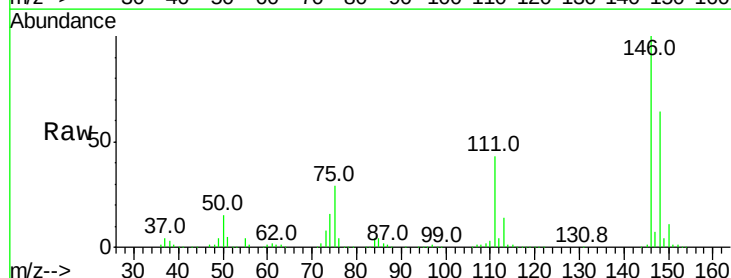


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

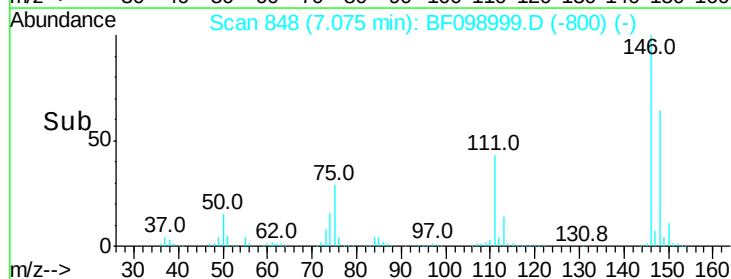
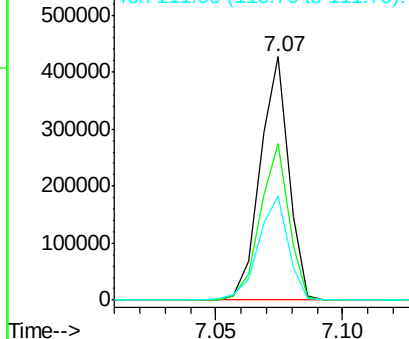


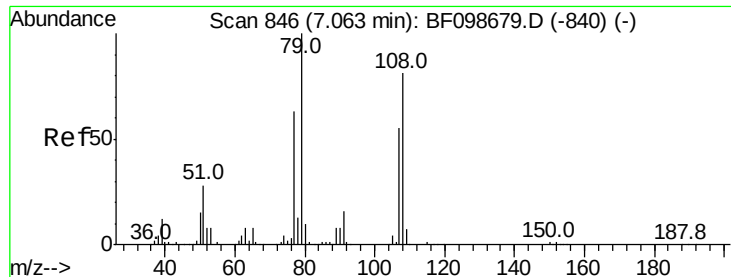
#14
 1,2-Dichlorobenzene
 Concen: 40.759 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:146 Resp: 335796
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 42.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 42.382 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

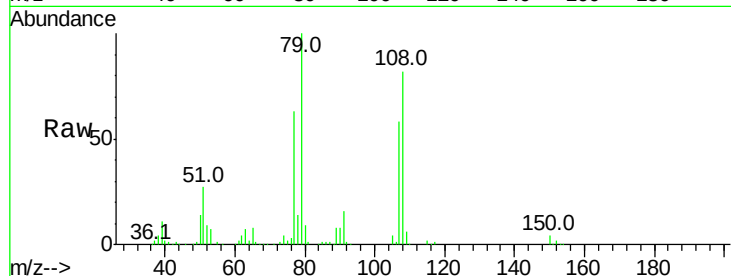
Tot Ion: 79 Resp: 283413

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

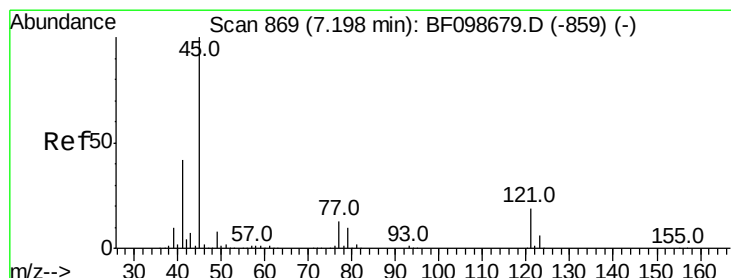
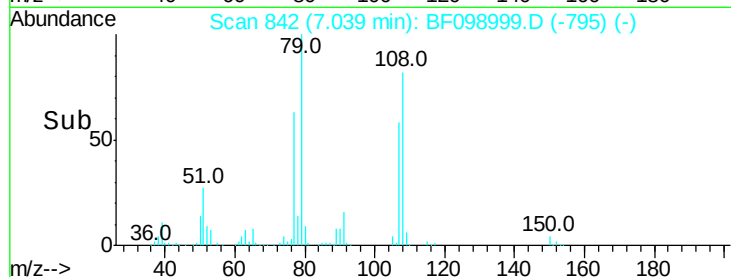
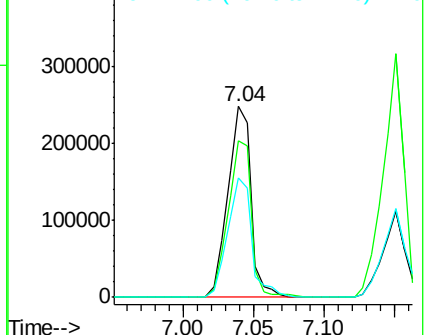
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.026 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

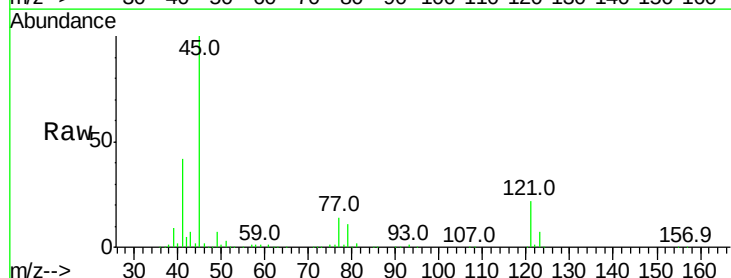
Tgt Ion: 45 Resp: 494222

Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

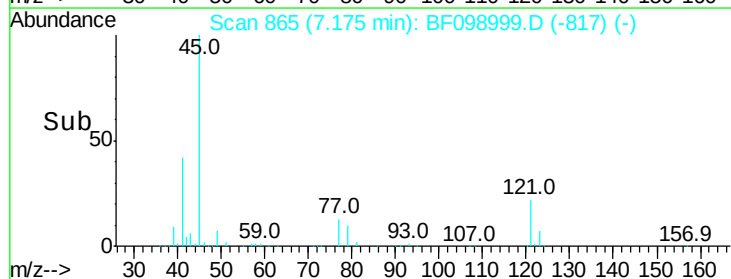
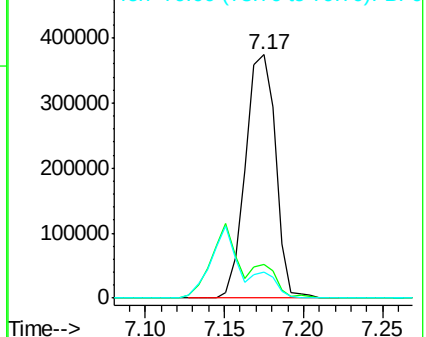
79 10.5 0.0 29.6

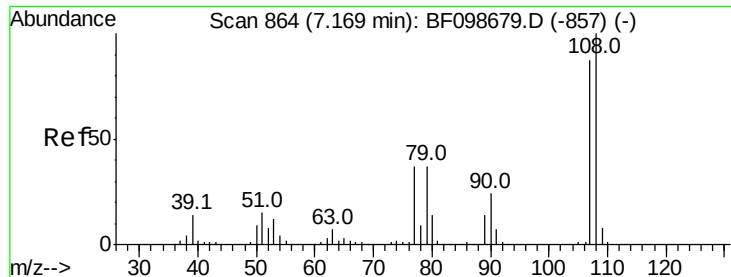


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

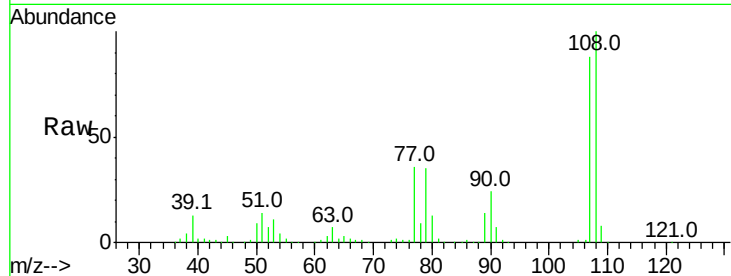




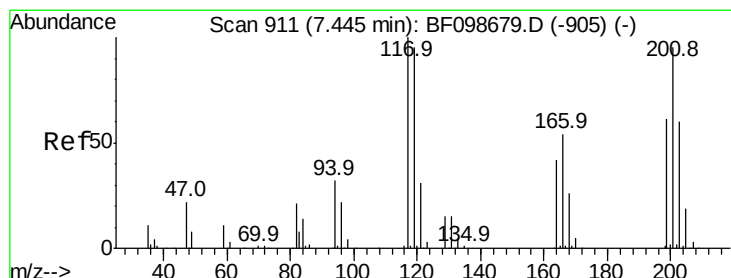
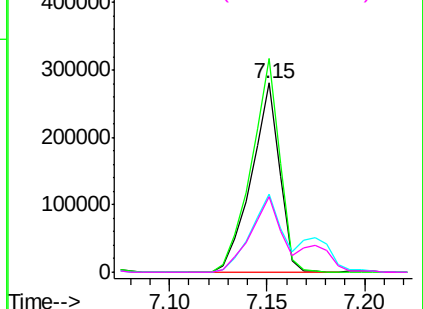
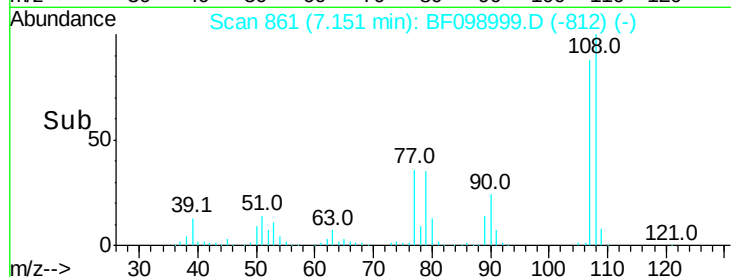
#17
2-Methylphenol
Concen: 41.113 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 281490
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 41.1 33.8 50.8
79 39.8 33.8 50.8

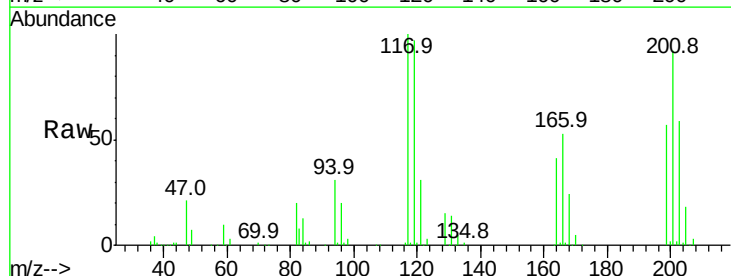


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

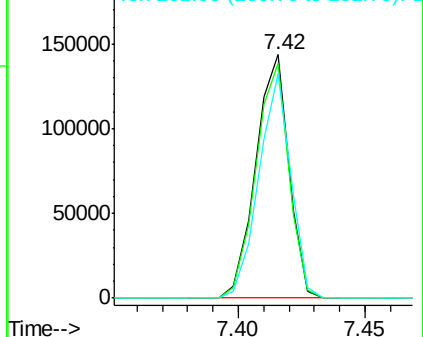
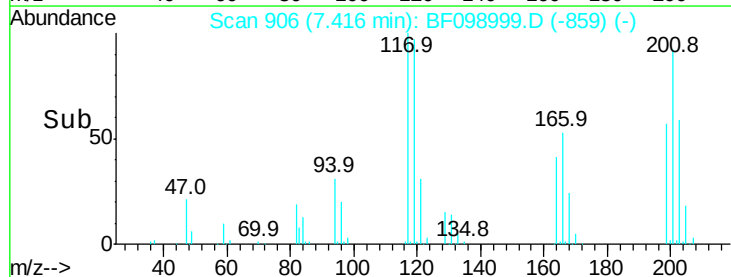


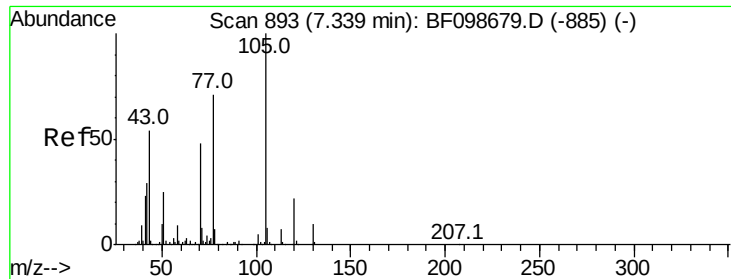
#18
Hexachloroethane
Concen: 40.825 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:117 Resp: 130839
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 92.3 75.7 113.5



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

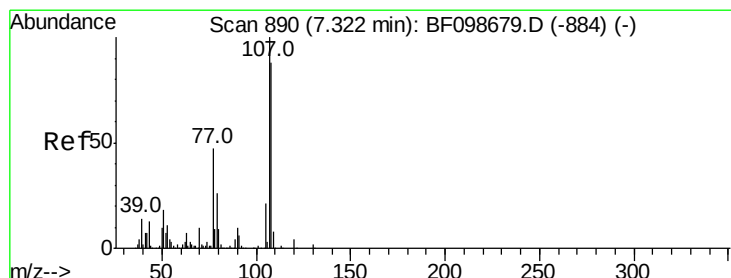
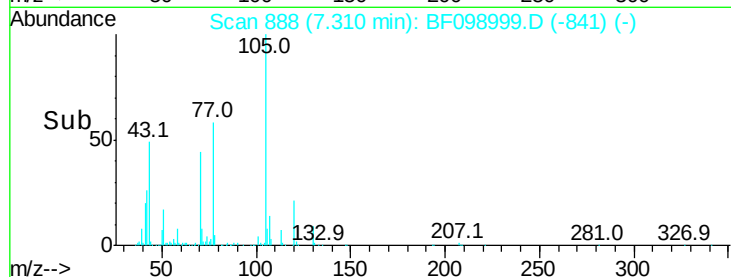
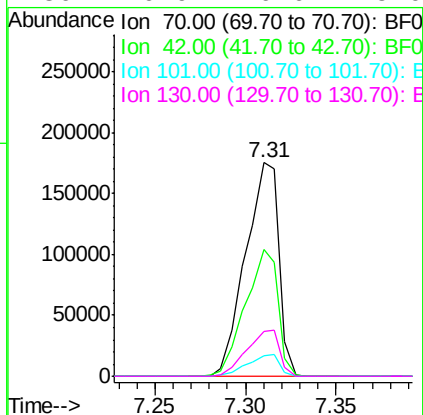
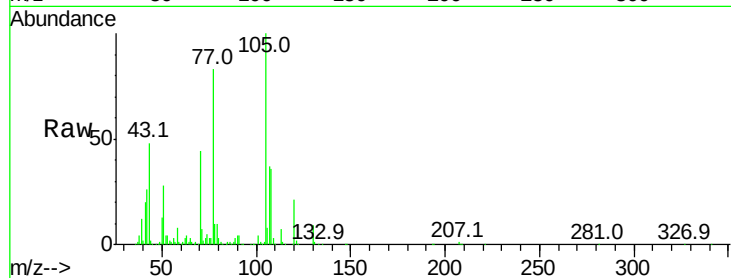




#19
n-Nitroso-di-n-propylamine
Concen: 38.499 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

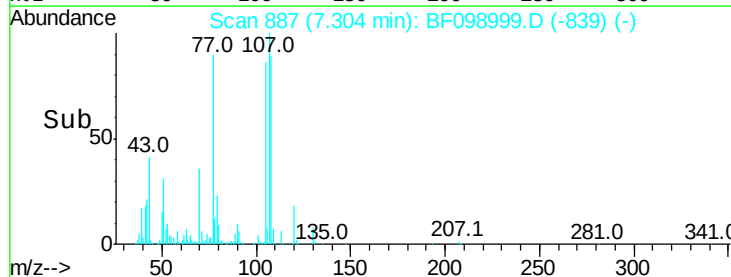
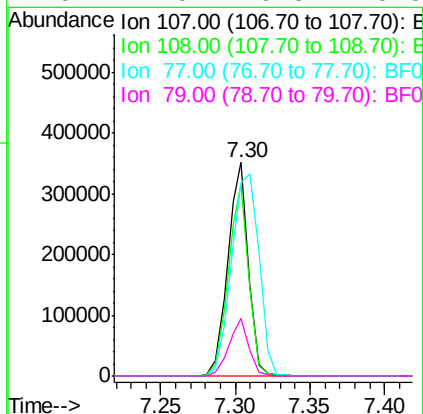
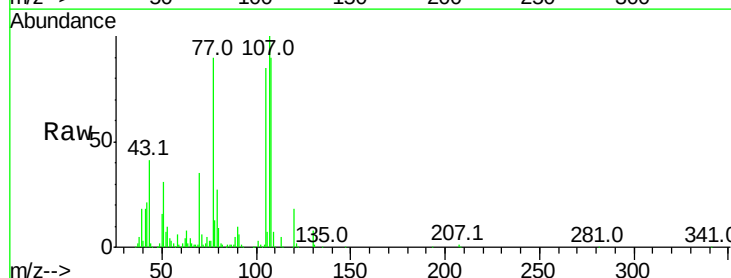
Instrument :
BNA_F
ClientSampled :

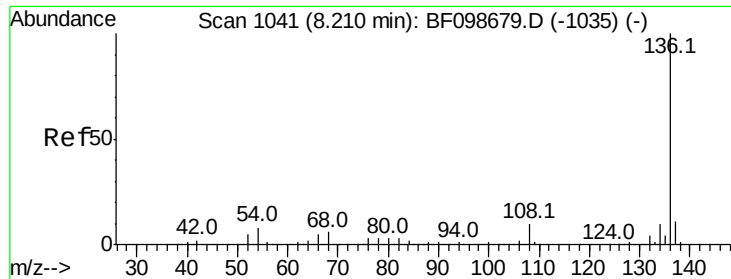
Tot Ion: 70 Resp: 224052
Ion Ratio Lower Upper
70 100
42 59.4 47.5 71.3
101 9.6 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.686 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:107 Resp: 343748
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 90.3 26.7 66.7#
79 27.0 6.3 46.3

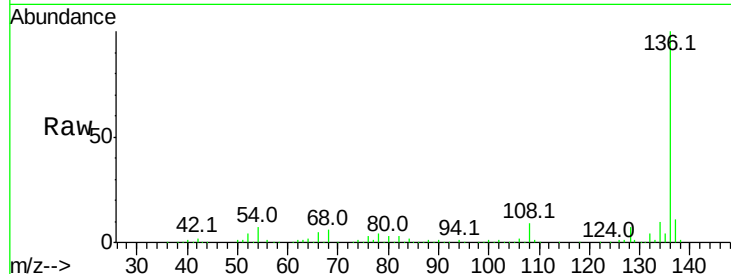




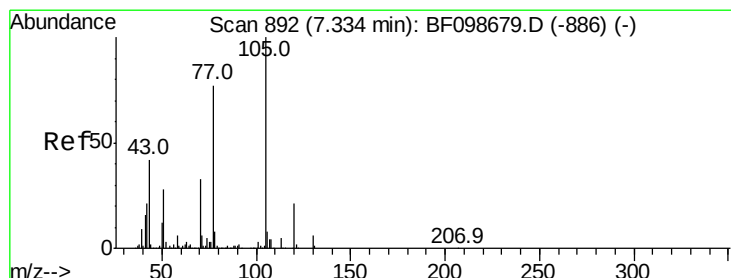
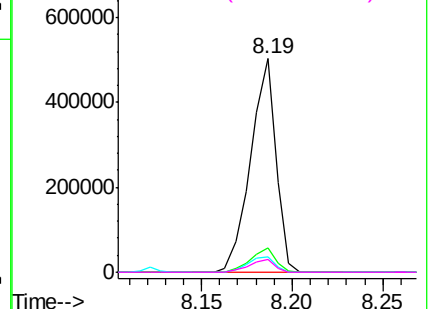
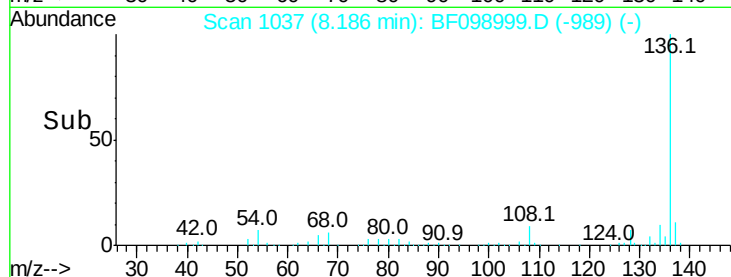
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	488472
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4

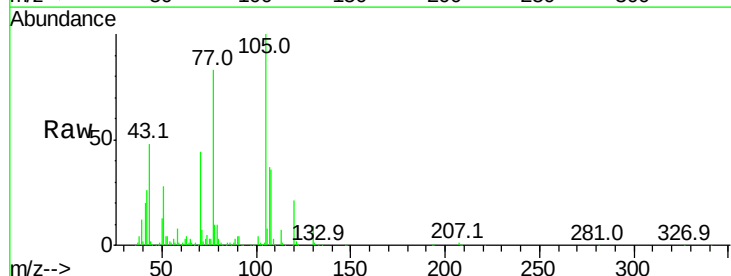


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

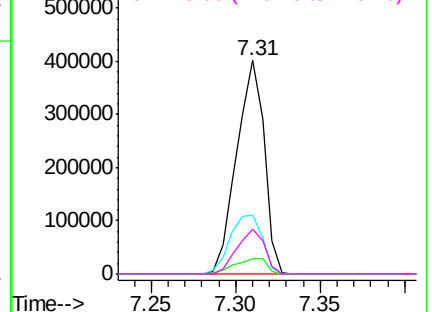
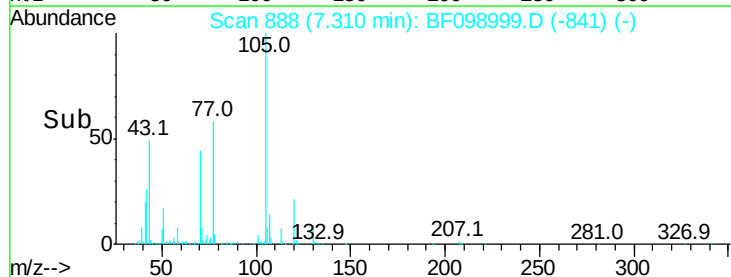


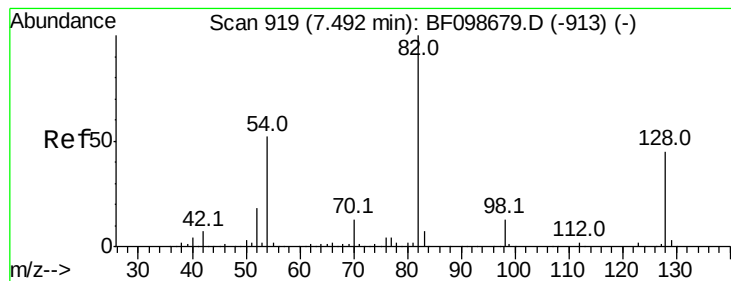
#22
Acetophenone
Concen: 38.600 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:	105	Resp:	456822
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.4	6.6#
51	27.8	22.3	33.5
120	21.0	16.9	25.3



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





#23

Nitrobenzene-d5

Concen: 87.913 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

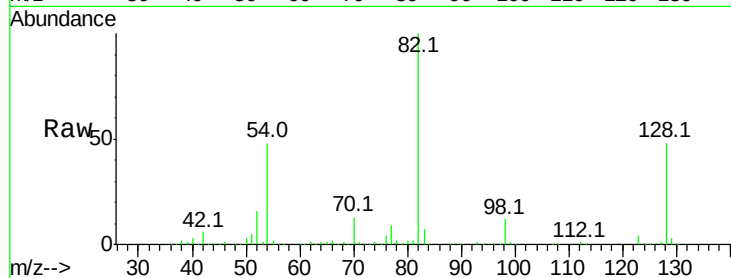
Tot Ion: 82 Resp: 669625

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

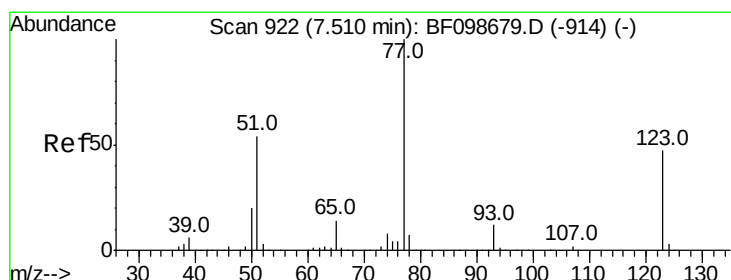
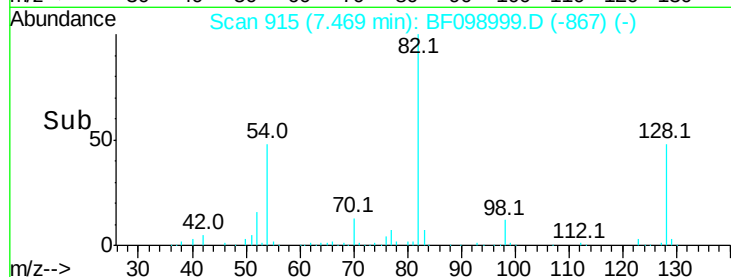
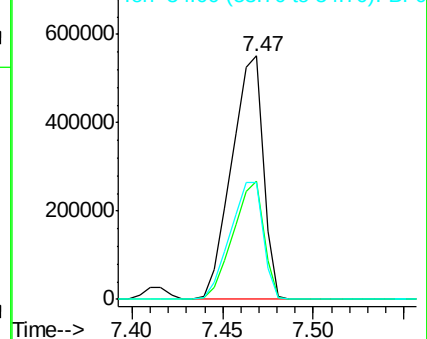
54 48.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.263 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

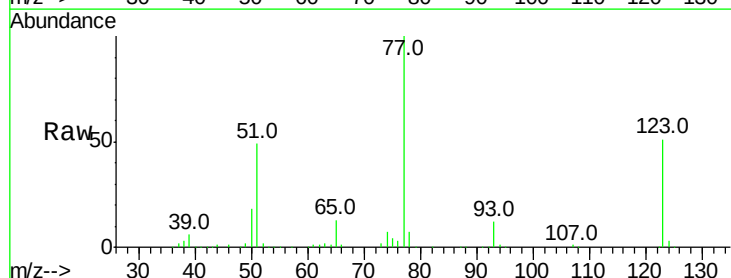
Tgt Ion: 77 Resp: 347889

Ion Ratio Lower Upper

77 100

123 50.6 37.9 56.9

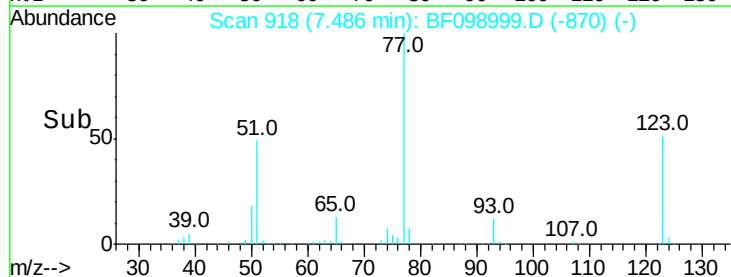
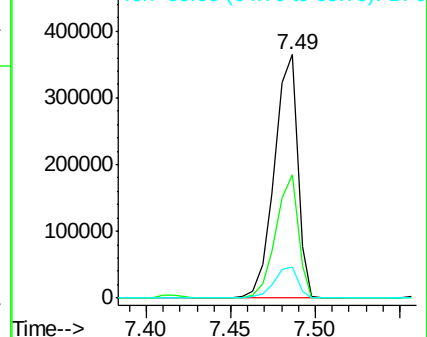
65 12.7 11.0 16.4

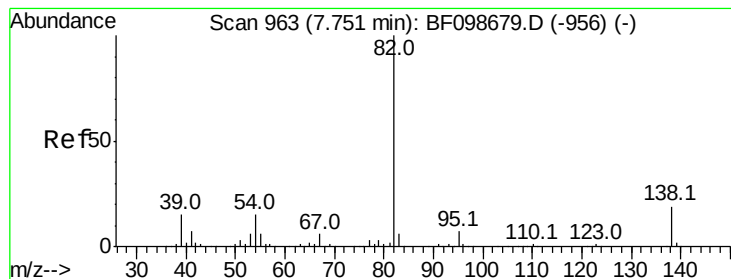


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.748 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

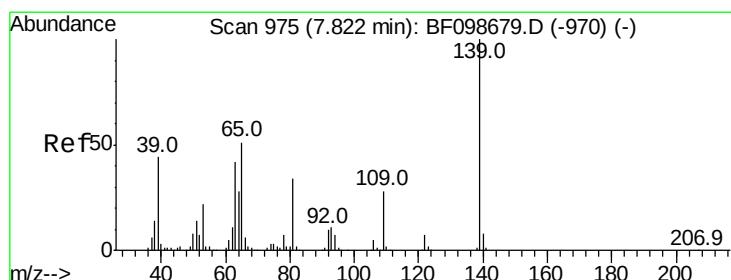
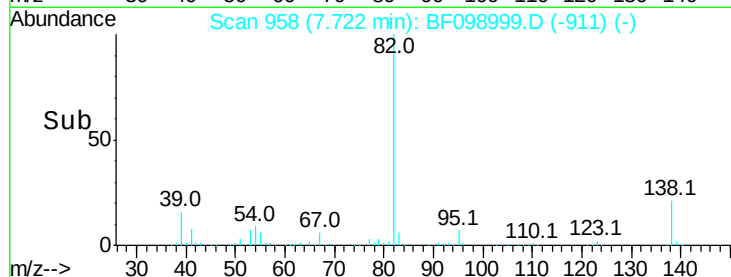
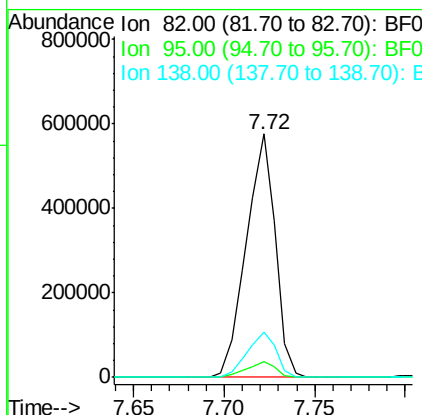
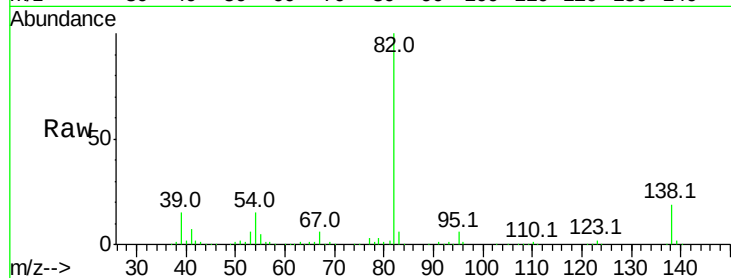
Tot Ion: 82 Resp: 641692

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 44.835 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

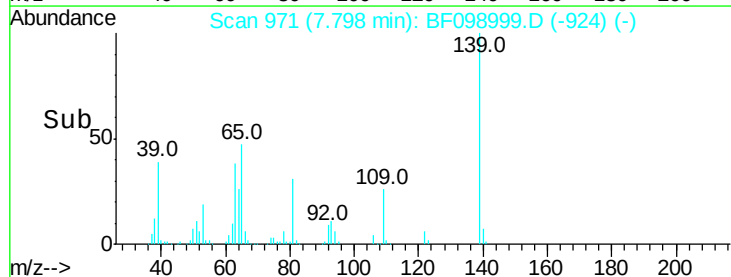
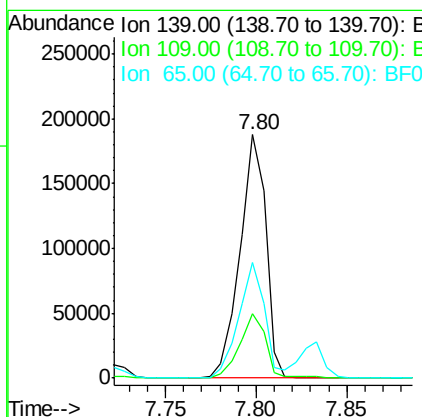
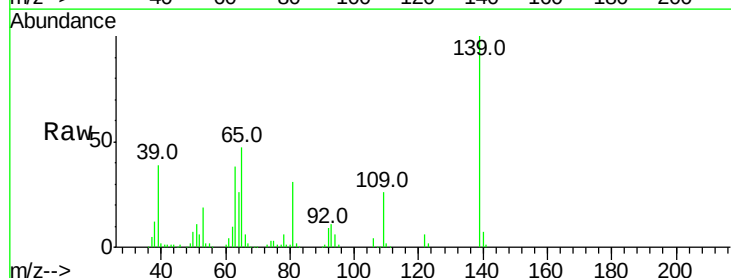
Tgt Ion: 139 Resp: 186288

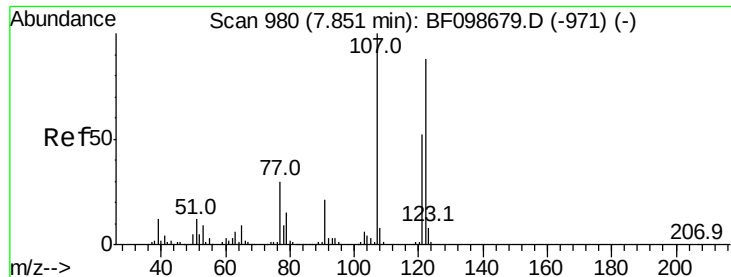
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 47.5 40.5 60.7

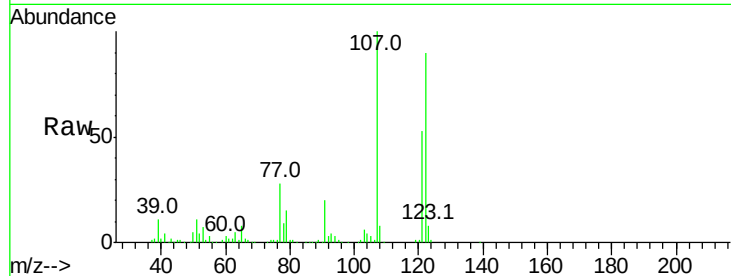




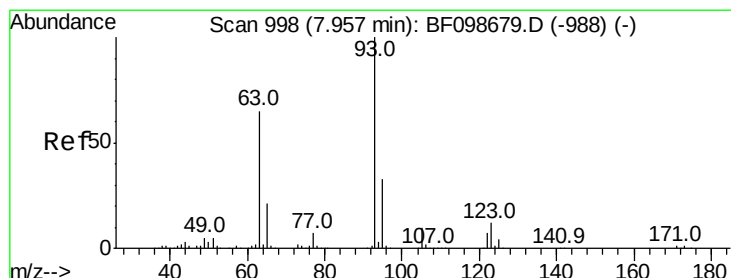
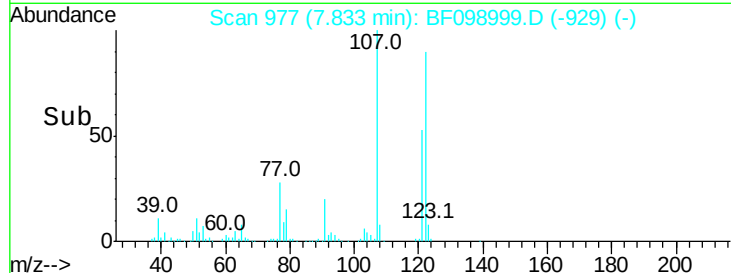
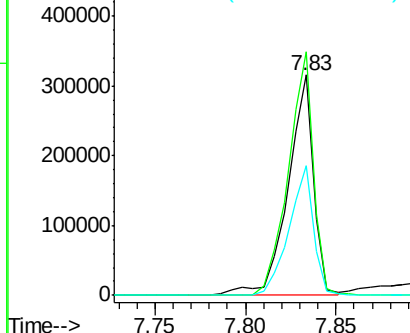
#27
 2,4-Dimethylphenol
 Concen: 40.122 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 314826
 Ion Ratio Lower Upper
 122 100
 107 110.5 91.2 136.8
 121 58.8 47.2 70.8

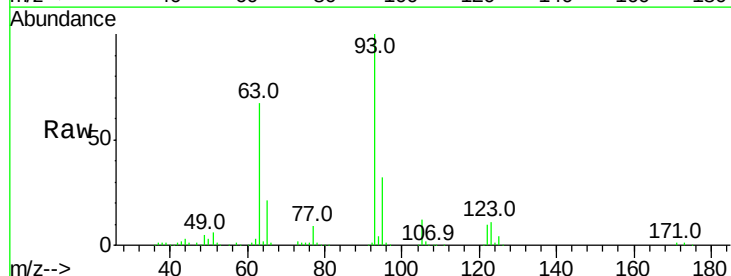


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

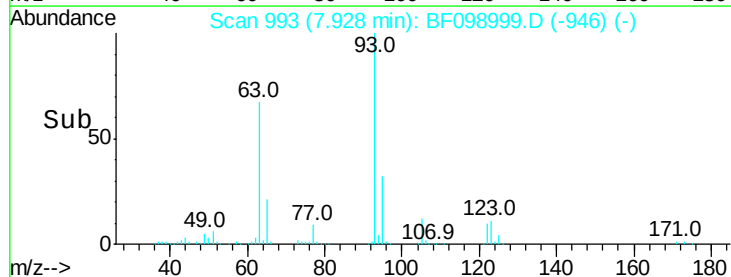
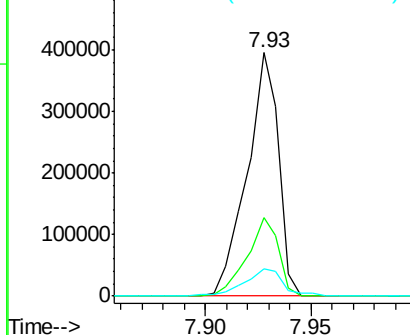


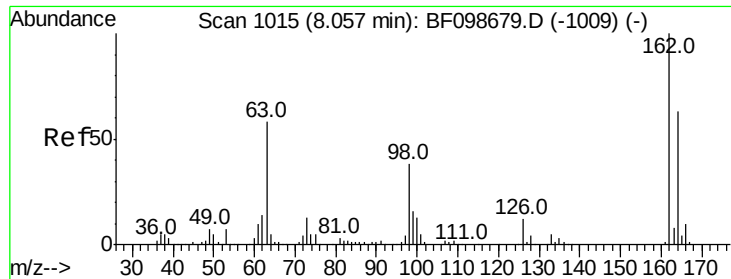
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.697 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion: 93 Resp: 409209
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.3 9.8 14.6



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

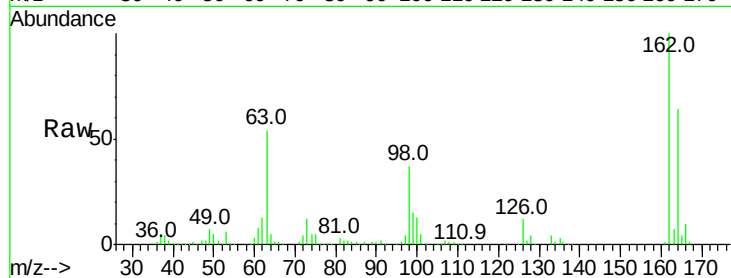




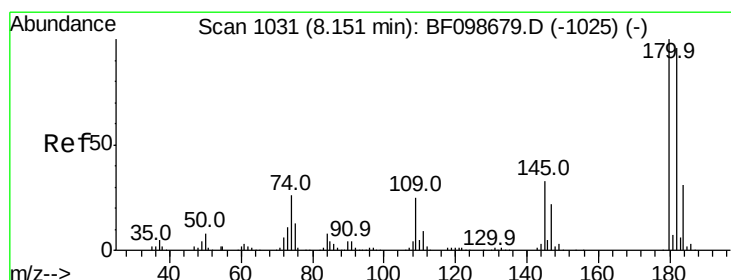
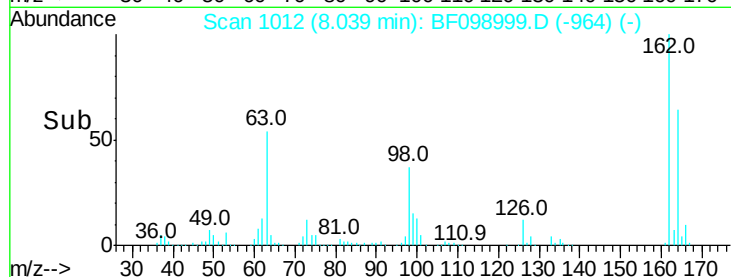
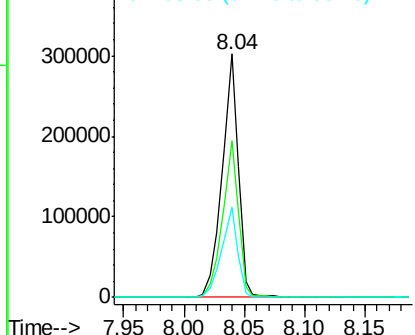
#29
2,4-Dichlorophenol
Concen: 41.557 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	37.1	18.1	58.1

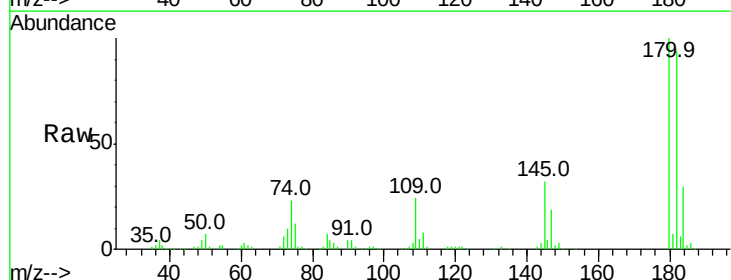


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

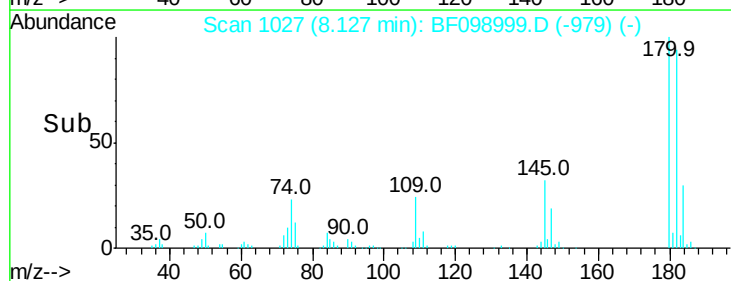
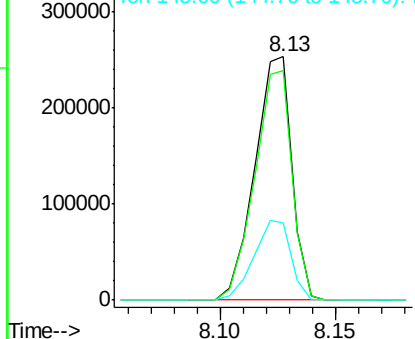


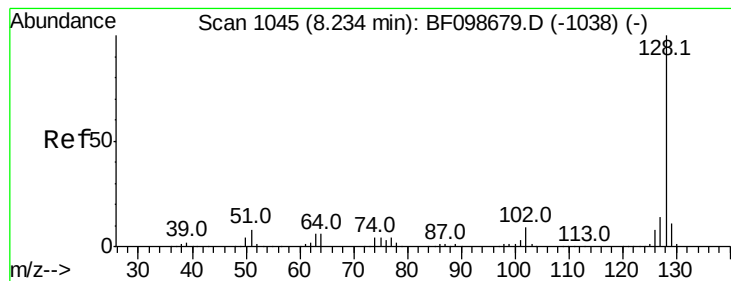
#30
1,2,4-Trichlorobenzene
Concen: 41.928 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	31.6	26.5	39.7



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





#31

Naphthalene

Concen: 41.456 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

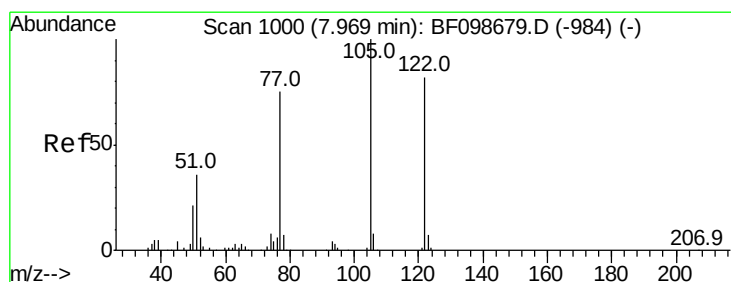
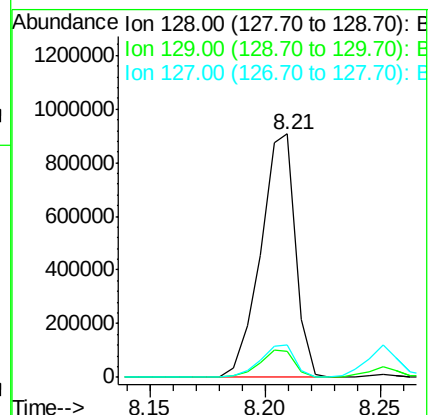
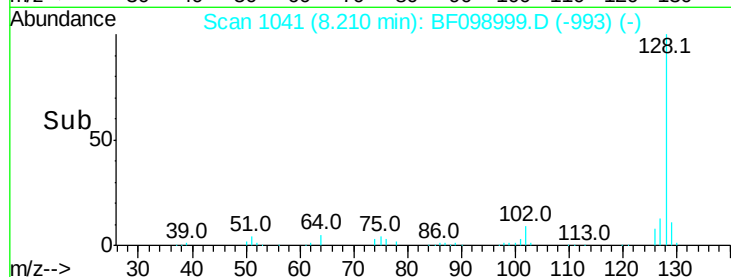
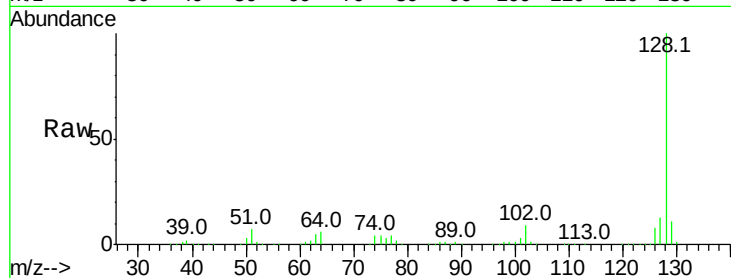
Tot Ion:128 Resp: 951077

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 28.420 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

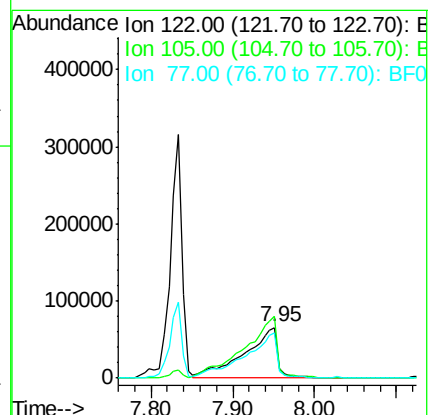
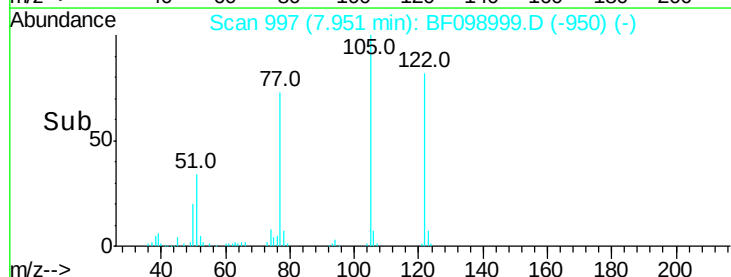
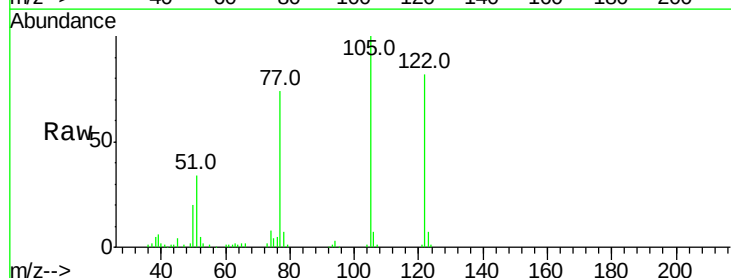
Tgt Ion:122 Resp: 183181

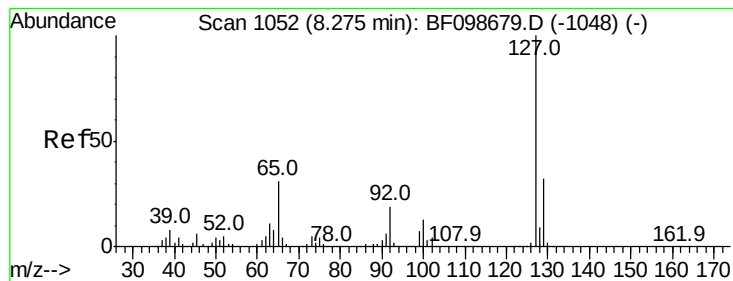
Ion Ratio Lower Upper

122 100

105 121.7 101.1 141.1

77 89.6 70.7 110.7





#33

4-Chloroaniline

Concen: 13.548 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF098999.D

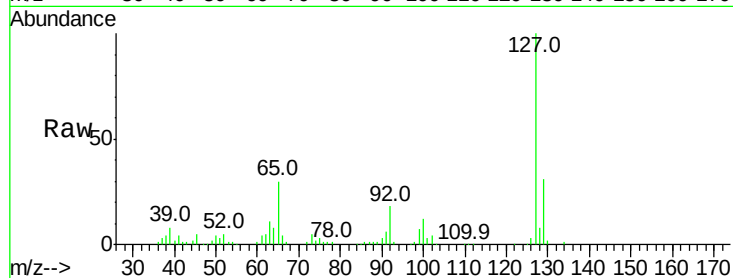
Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	129797
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	29.9	25.0	37.4
92	18.2	15.2	22.8

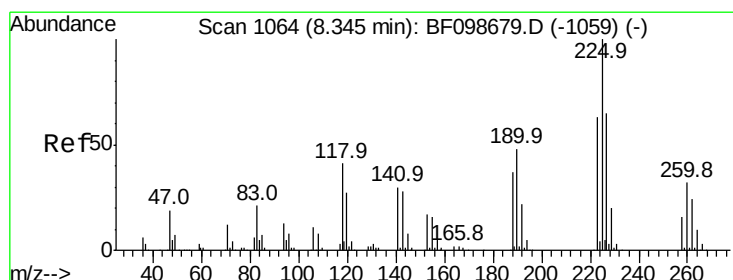
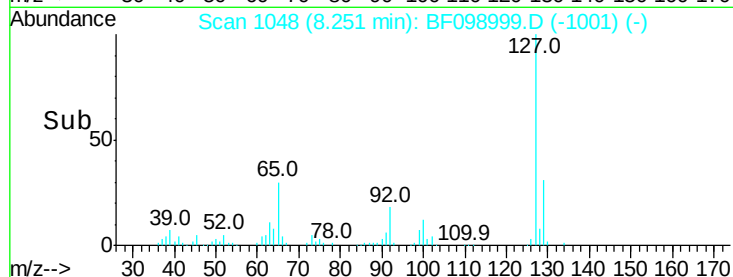
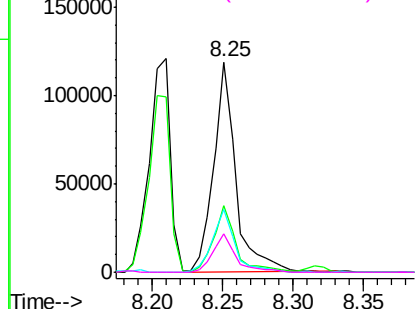


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.236 ng

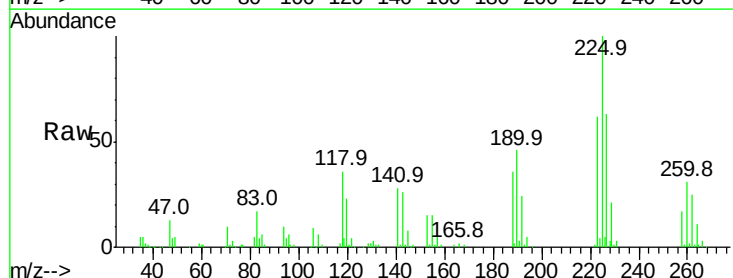
RT: 8.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

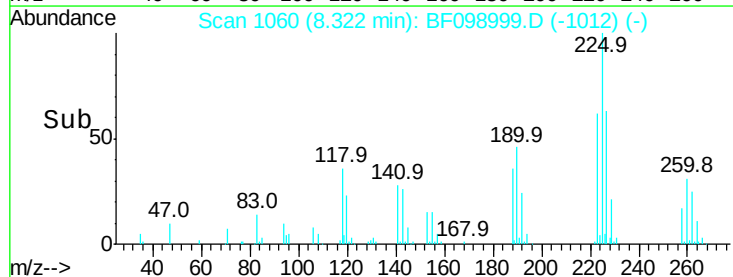
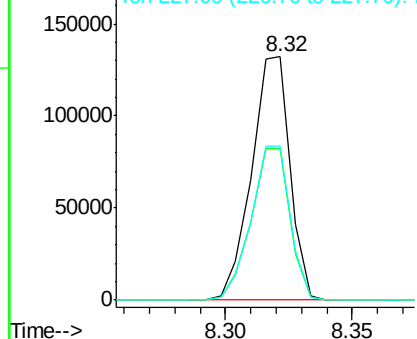
Tgt Ion:	225	Resp:	139643
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.1	51.9	77.9

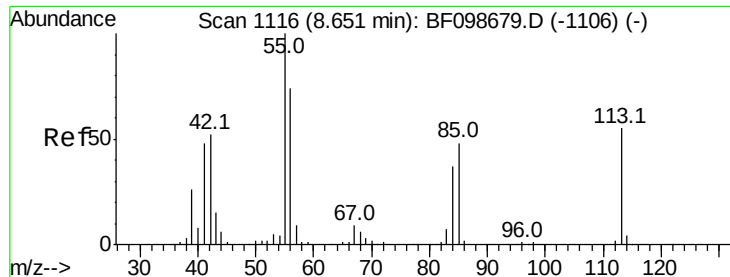


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

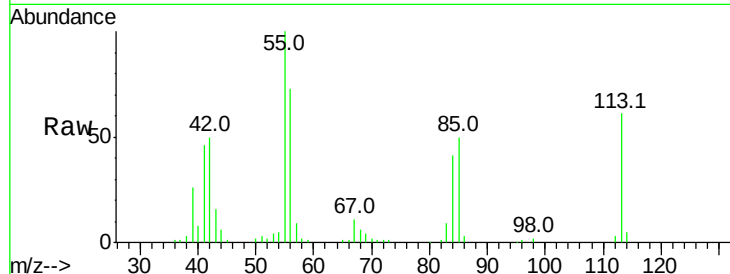




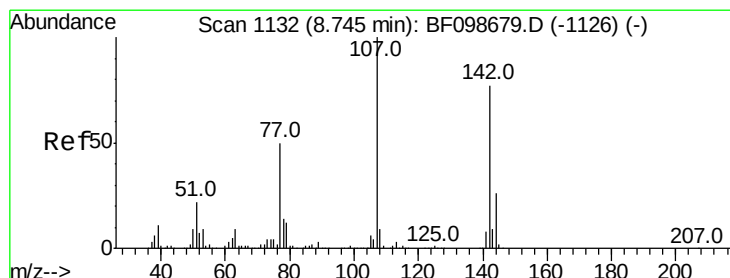
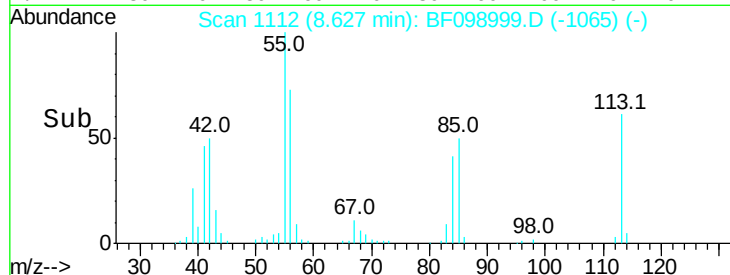
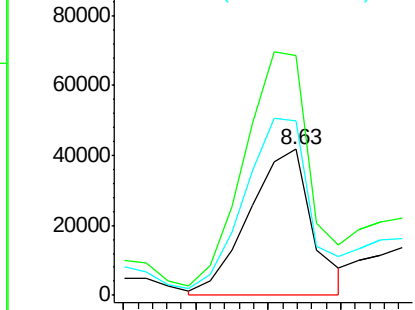
#35
 Caprolactam
 Concen: 23.528 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 50846
 Ion Ratio Lower Upper
 113 100
 55 164.3 163.3 203.3
 56 119.3 115.7 155.7

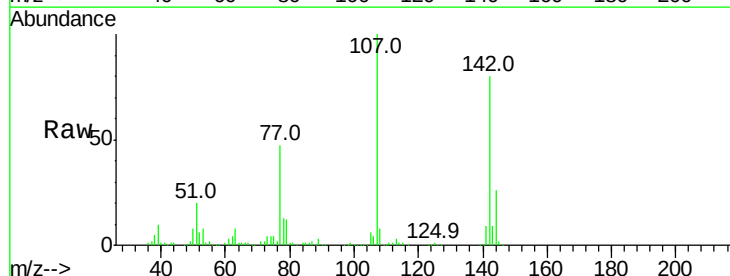


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

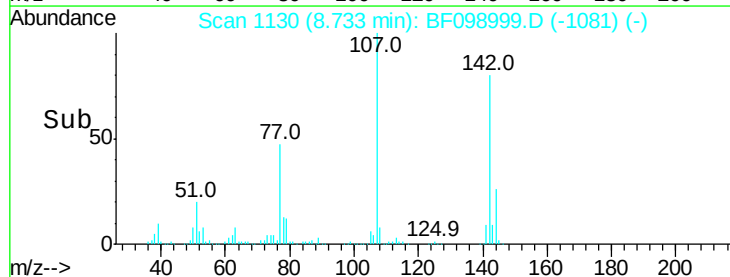
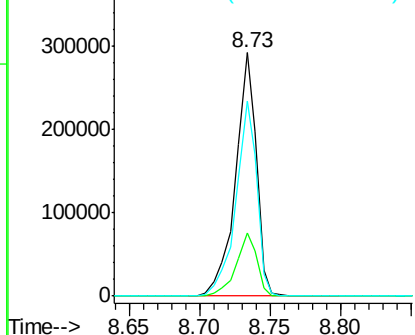


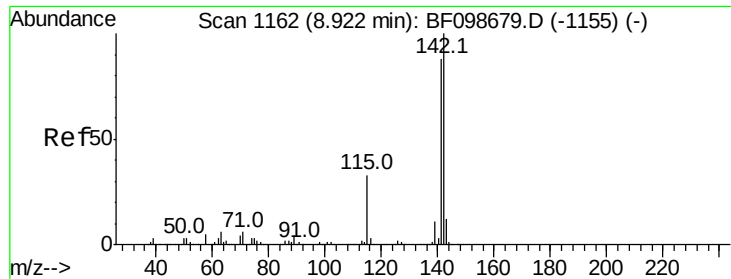
#36
 4-Chloro-3-methylphenol
 Concen: 39.411 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:107 Resp: 298430
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 80.0 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: 44.282 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

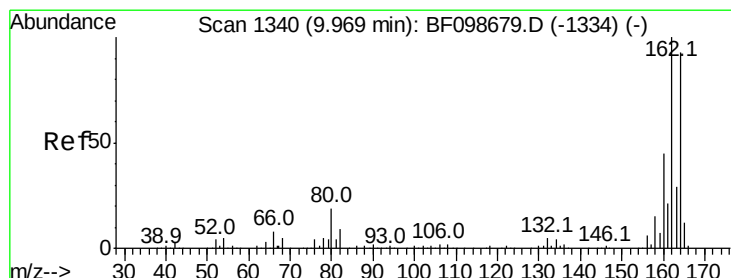
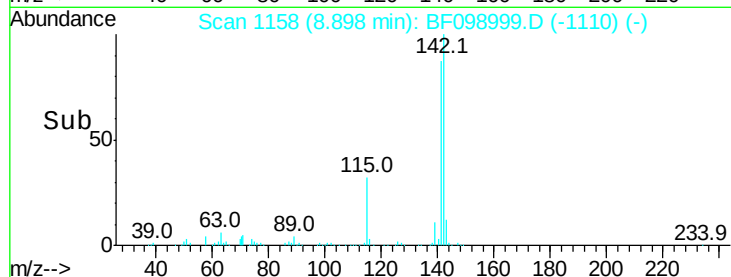
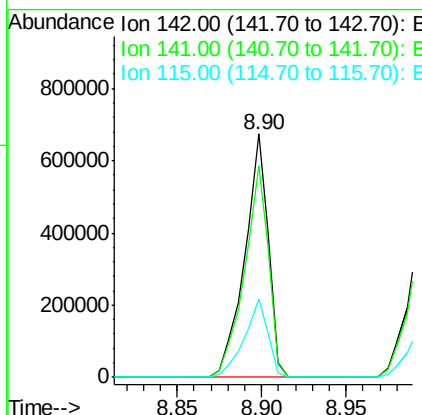
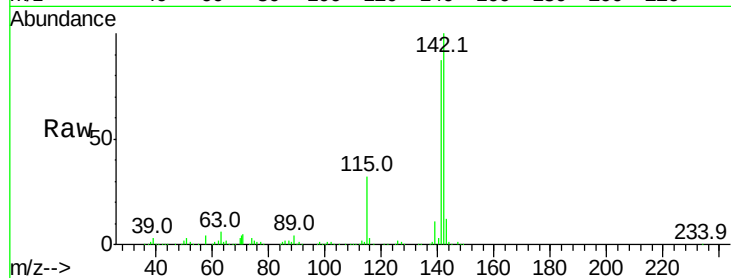
Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 660421

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2
115	32.3	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

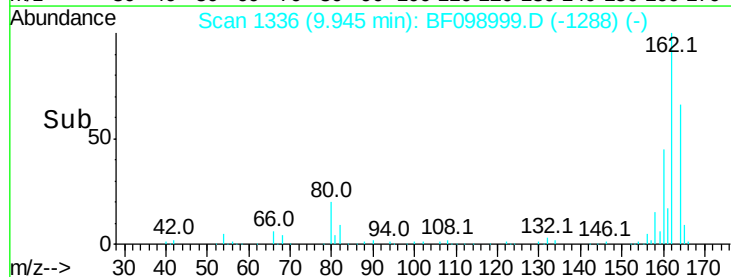
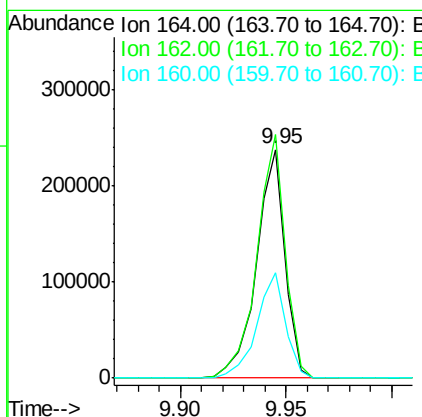
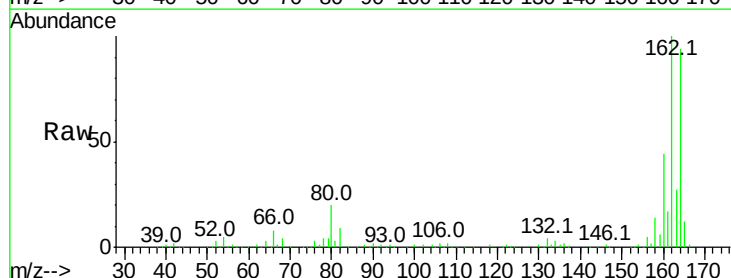
Delta R.T. -0.02 min

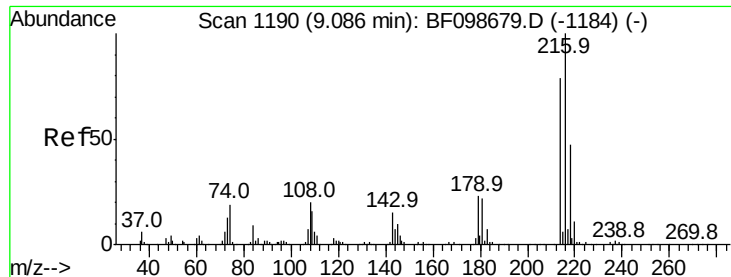
Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Tgt Ion:164 Resp: 222846

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	46.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.972 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 252361

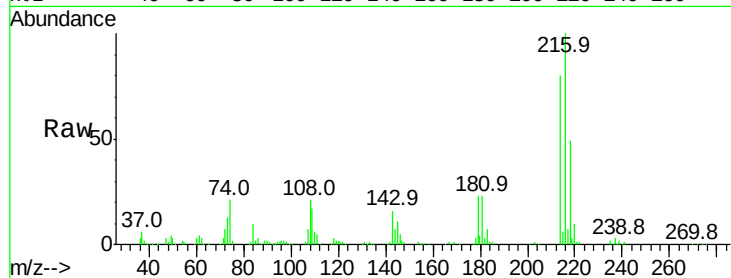
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.4 18.1 27.1

108 23.2 17.2 25.8

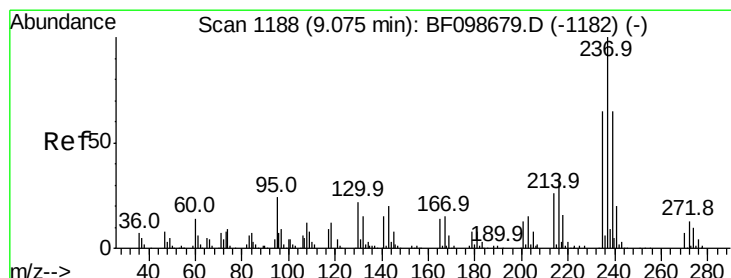
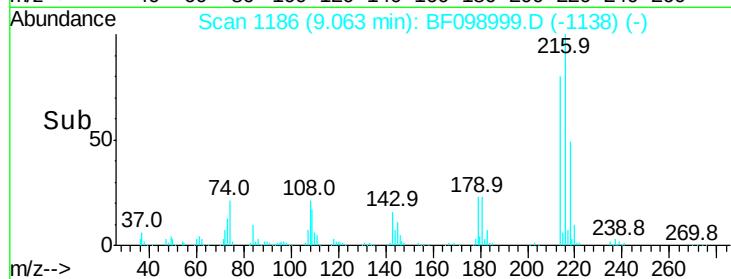
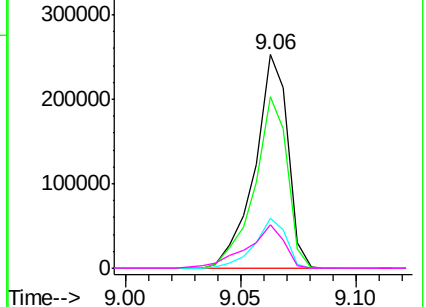


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.577 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

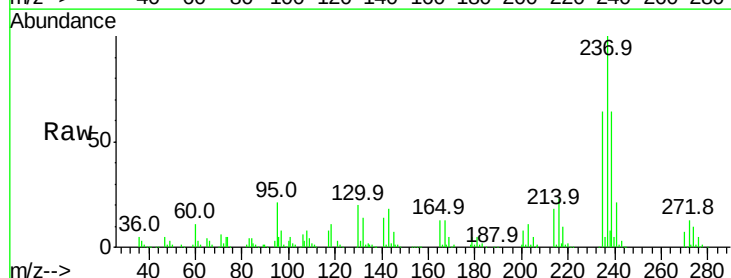
Tgt Ion:237 Resp: 269024

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

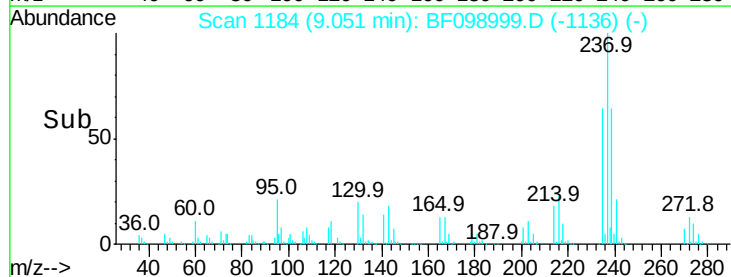
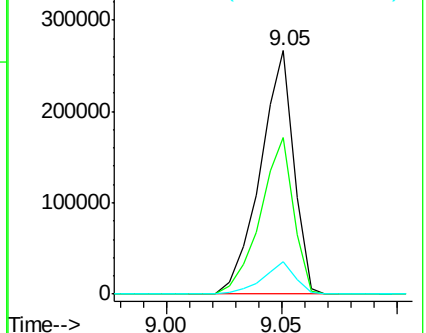
272 13.1 0.0 33.3

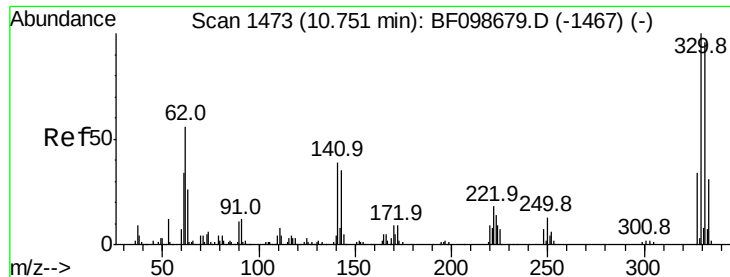


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

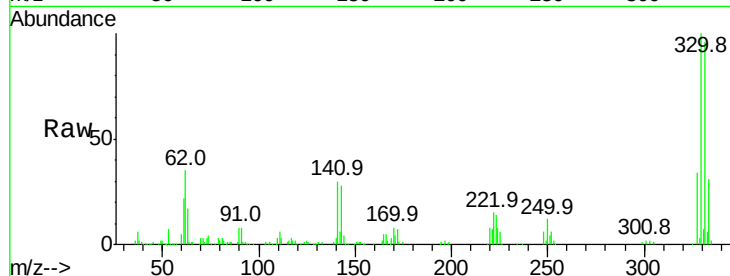




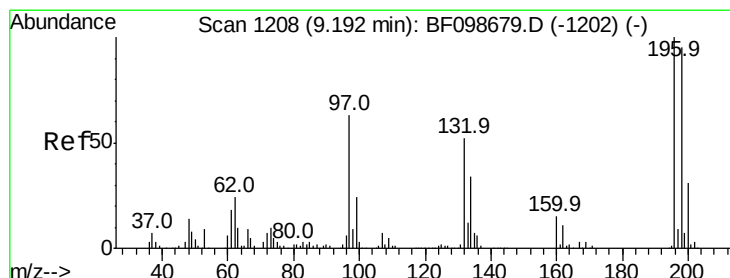
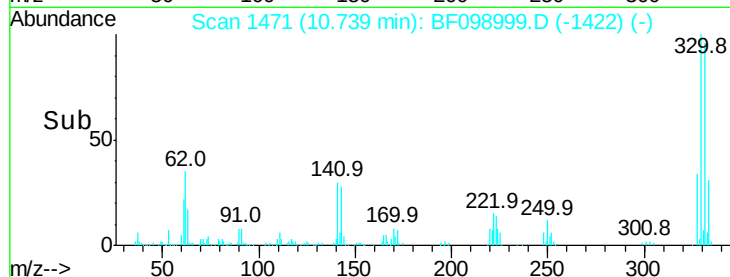
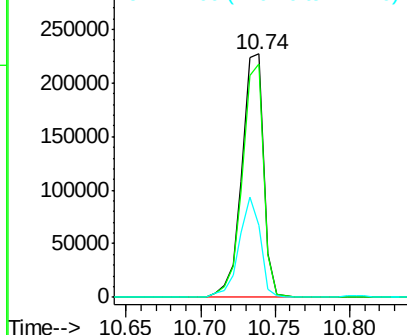
#41
 2,4,6-Tribromophenol
 Concen: 126.299 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	40.2	29.9	44.9

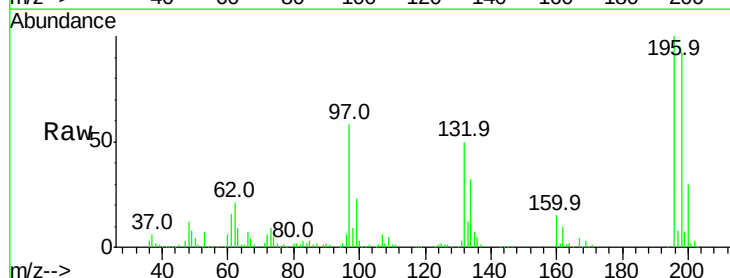


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

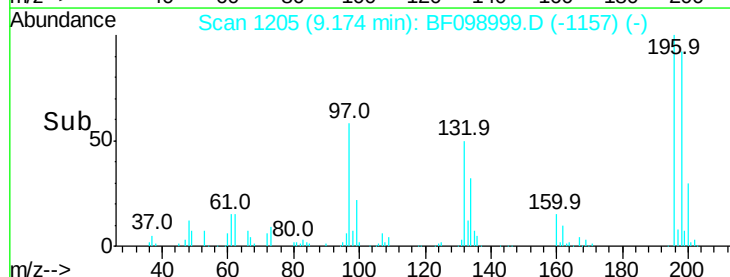
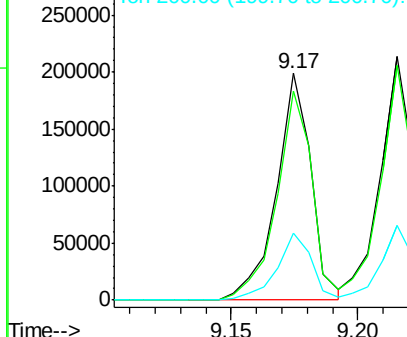


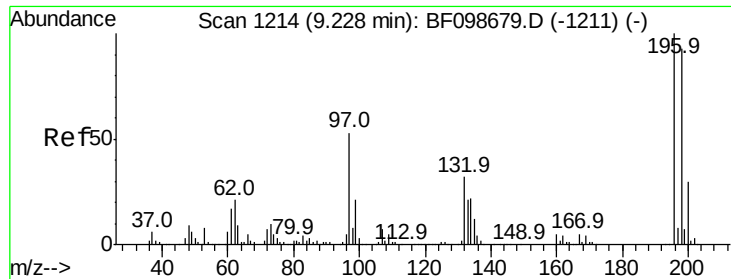
#42
 2,4,6-Trichlorophenol
 Concen: 39.962 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	29.6	24.5	36.7



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

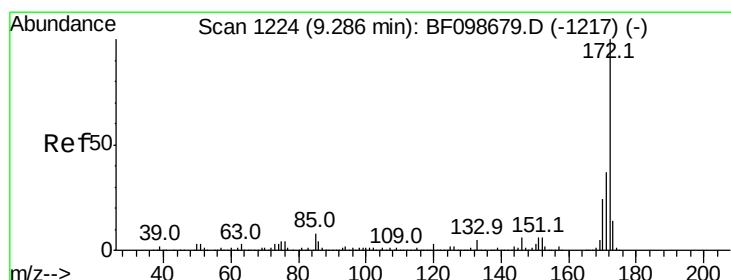
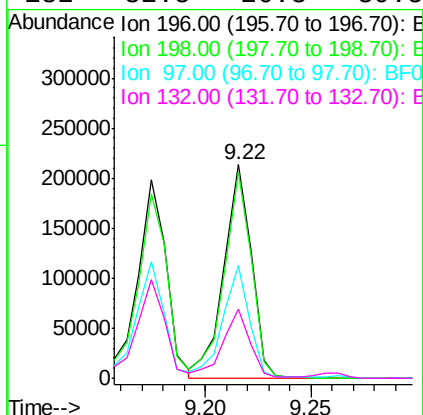
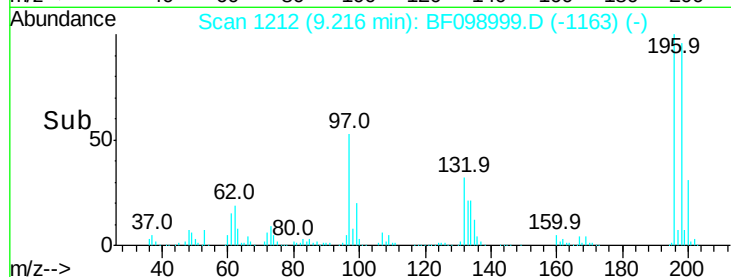
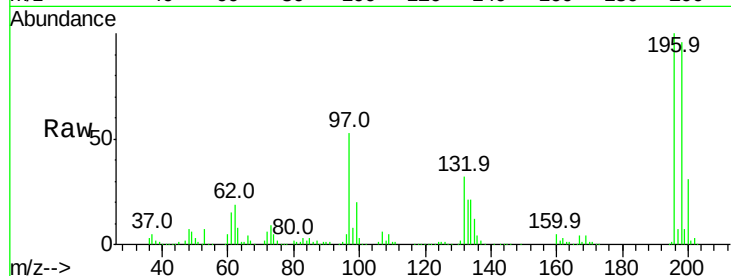




#43
 2,4,5-Trichlorophenol
 Concen: 40.903 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

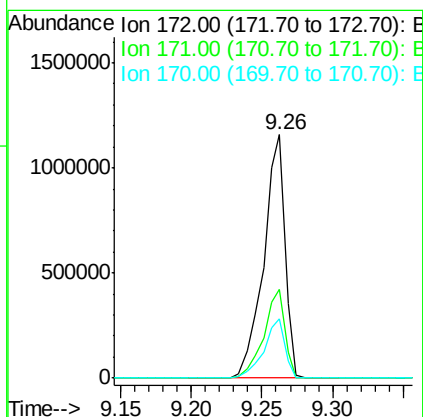
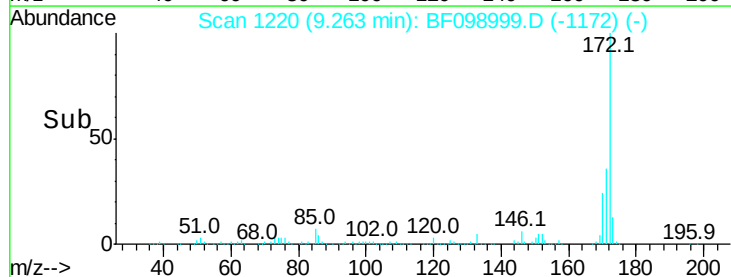
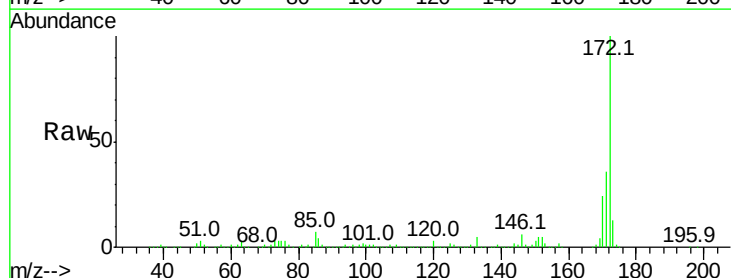
Instrument :
 BNA_F
 ClientSampleId :

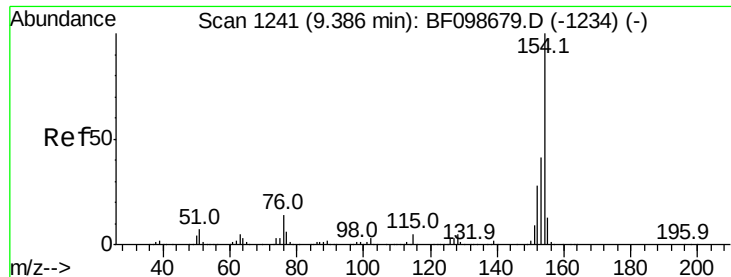
Tot Ion:	196	Resp:	192240
Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	52.6	42.9	64.3
132	32.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 92.826 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:	172	Resp:	1239113
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.304 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

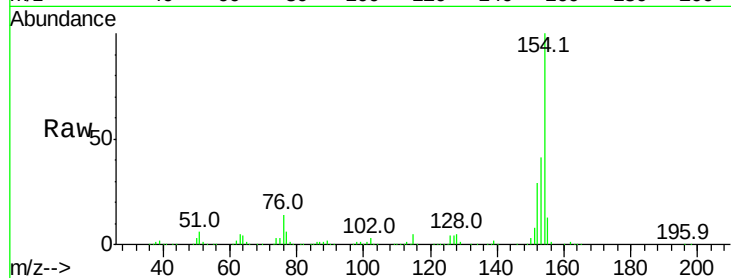
Tot Ion:154 Resp: 752762

Ion Ratio Lower Upper

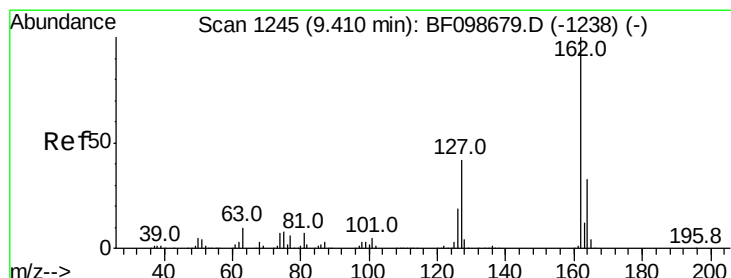
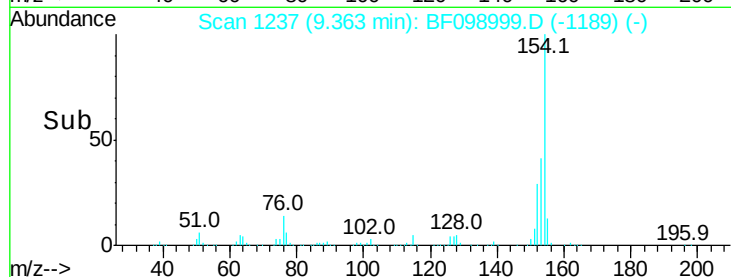
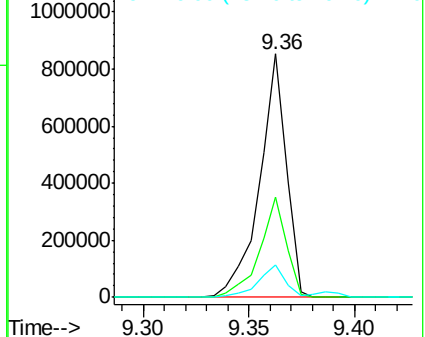
154 100

153 41.3 21.3 61.3

76 13.6 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: 41.439 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

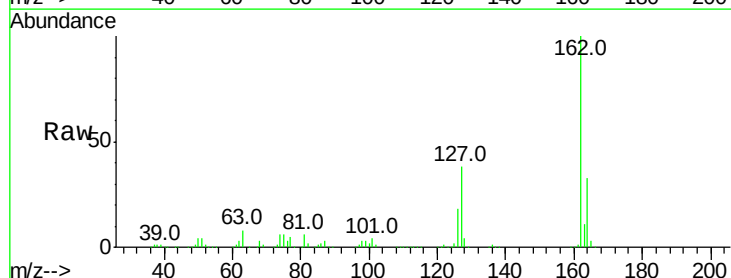
Tgt Ion:162 Resp: 595887

Ion Ratio Lower Upper

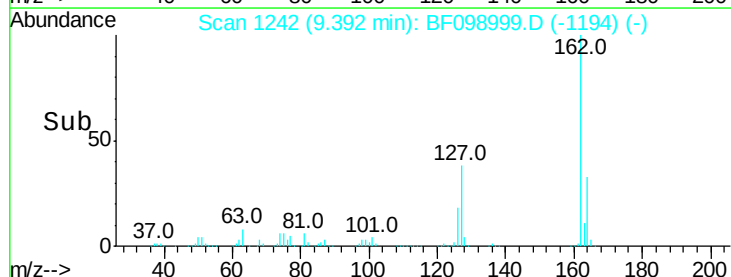
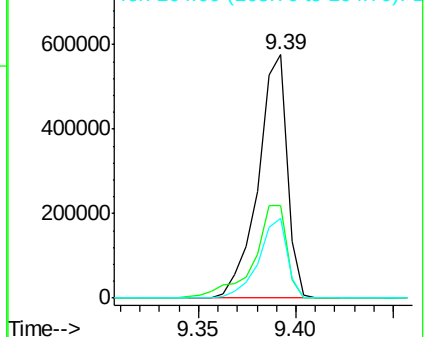
162 100

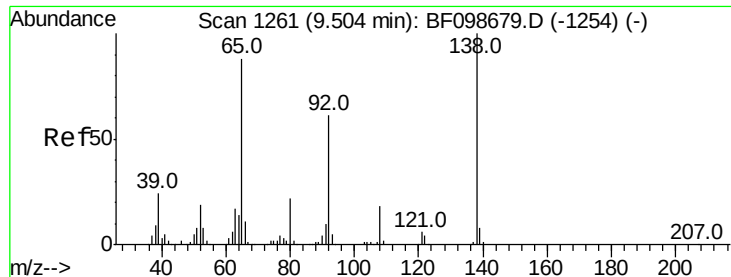
127 38.2 33.9 50.9

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: 41.097 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

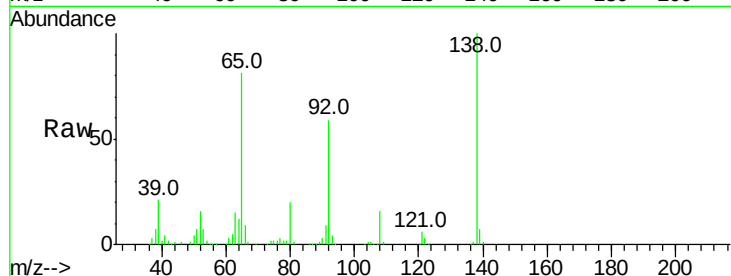
Tot Ion: 65 Resp: 180954

Ion Ratio Lower Upper

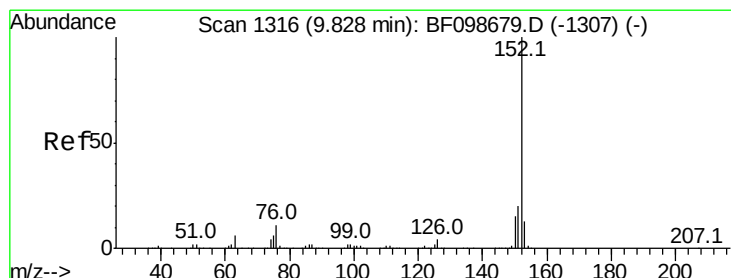
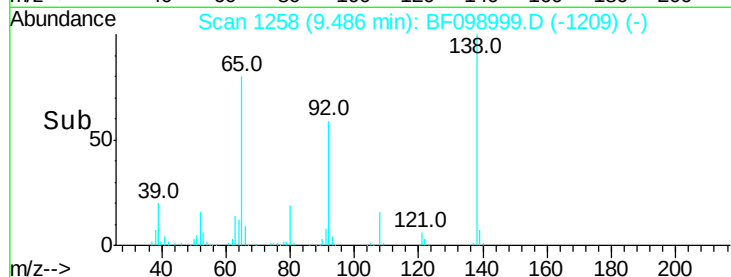
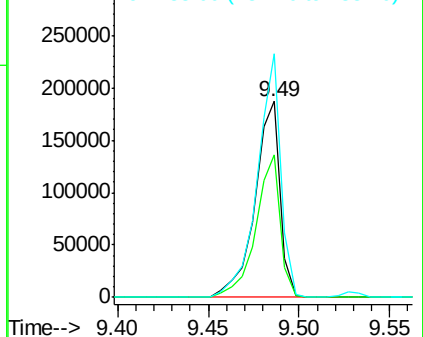
65 100

92 72.8 55.8 83.6

138 124.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.391 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

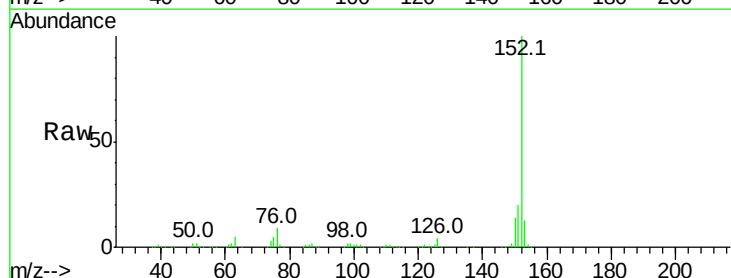
Tgt Ion: 152 Resp: 911141

Ion Ratio Lower Upper

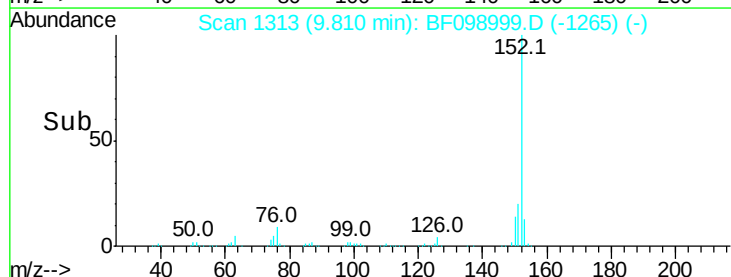
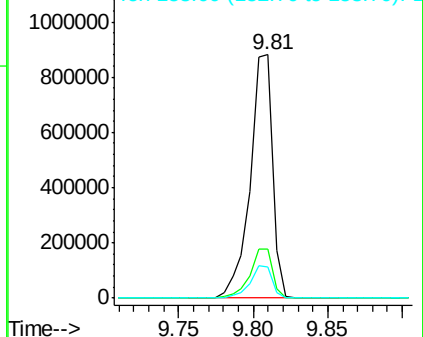
152 100

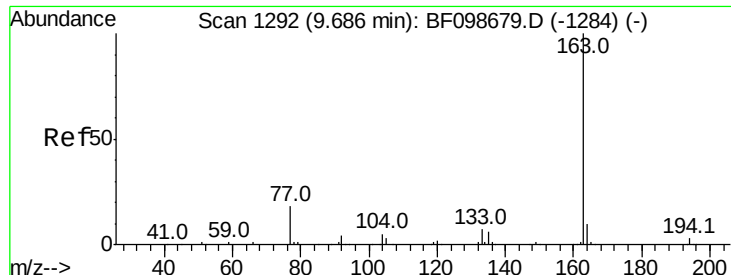
151 20.3 16.3 24.5

153 12.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

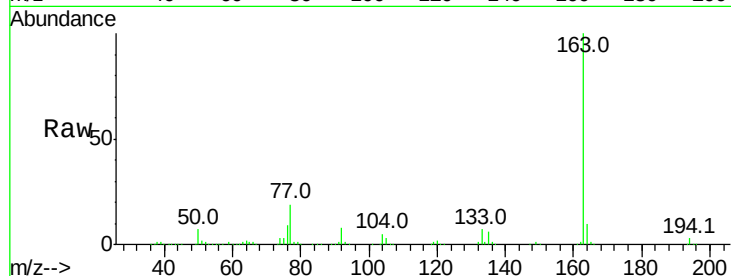




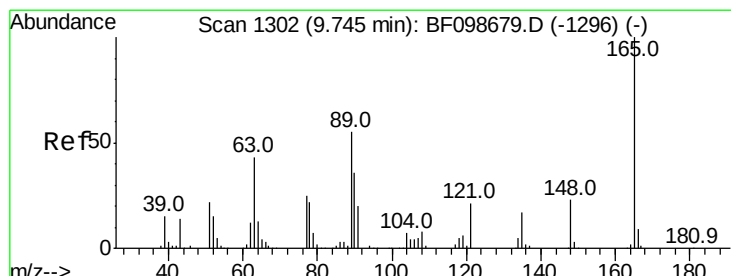
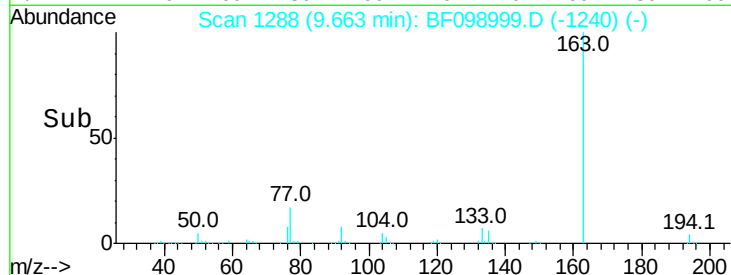
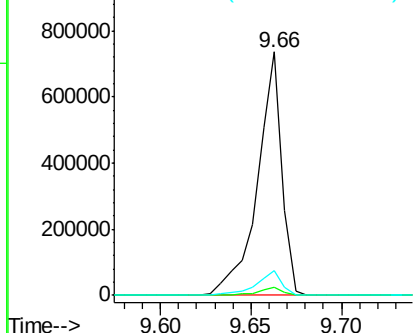
#49
Dimethylphthalate
Concen: 41.041 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 690280
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

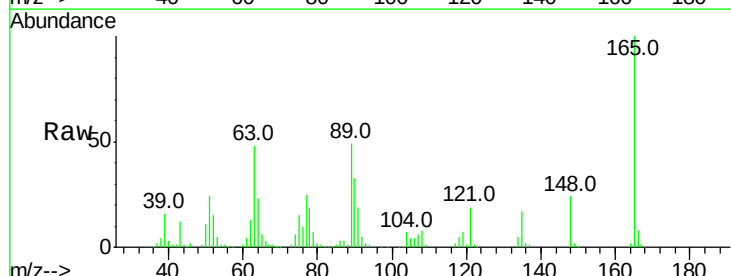


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

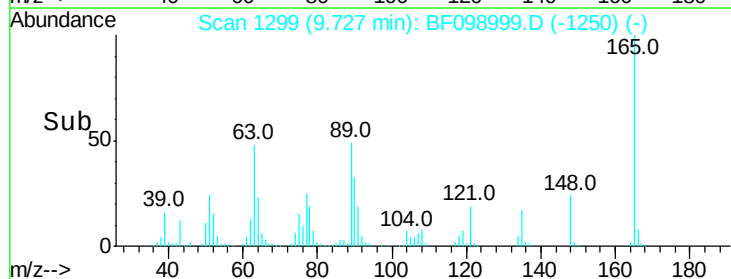
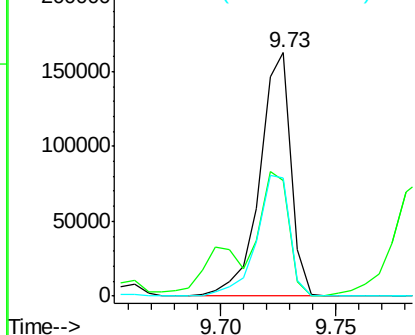


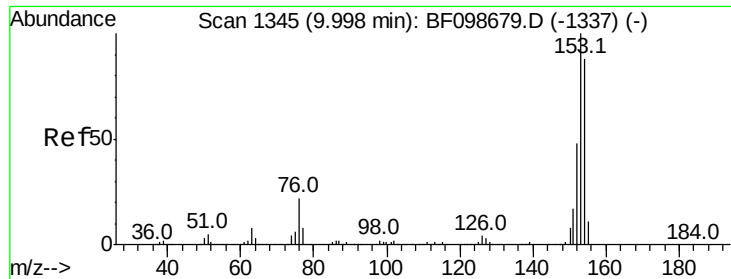
#50
2,6-Dinitrotoluene
Concen: 41.822 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:165 Resp: 153136
Ion Ratio Lower Upper
165 100
63 47.6 44.7 67.1
89 48.7 44.0 66.0



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





#51

Acenaphthene

Concen: 38.796 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

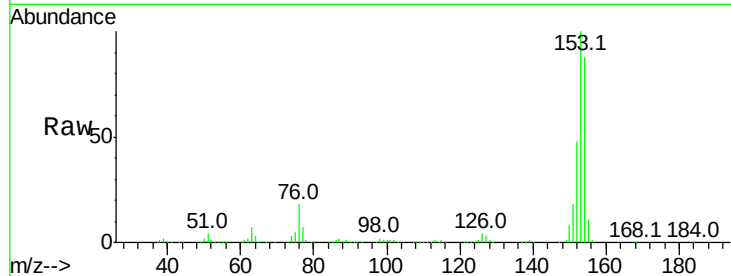
Tot Ion:154 Resp: 540979

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

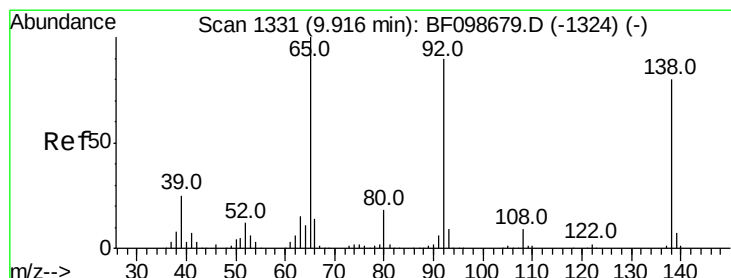
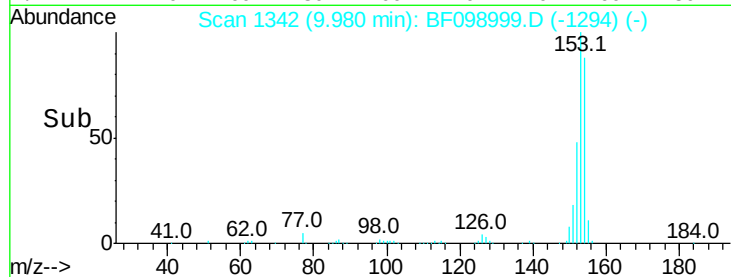
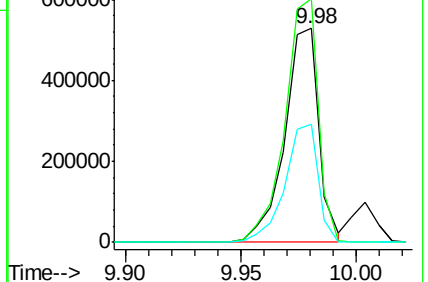
152 55.0 43.8 65.8



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: 20.853 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

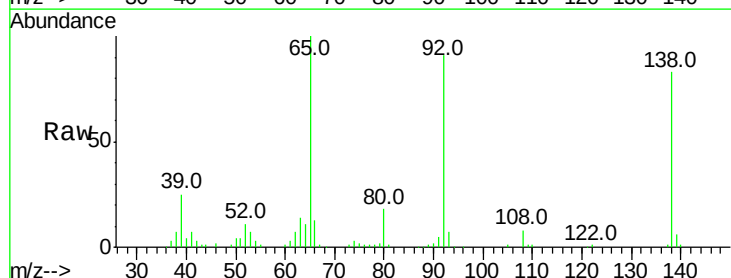
Tgt Ion:138 Resp: 89030

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

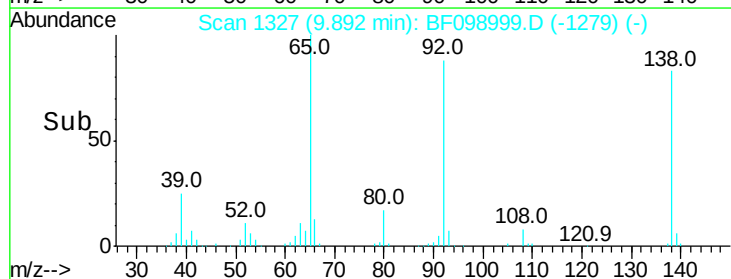
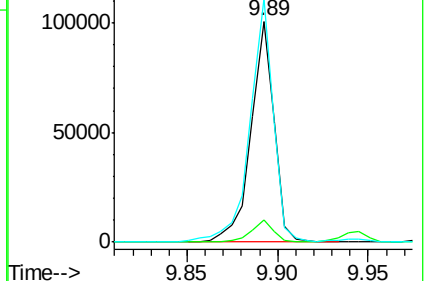
92 110.1 89.4 134.2

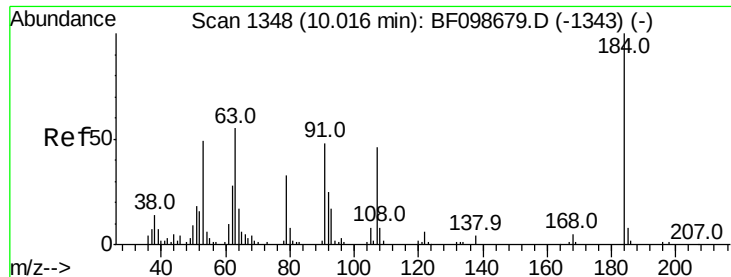


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

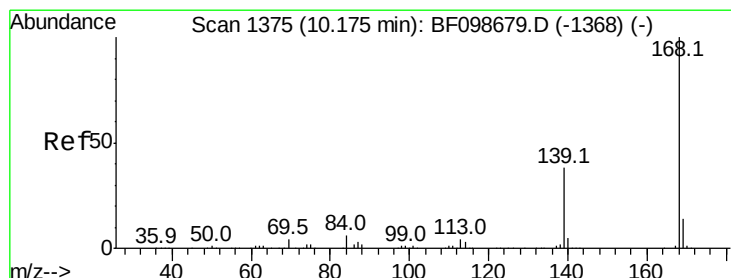
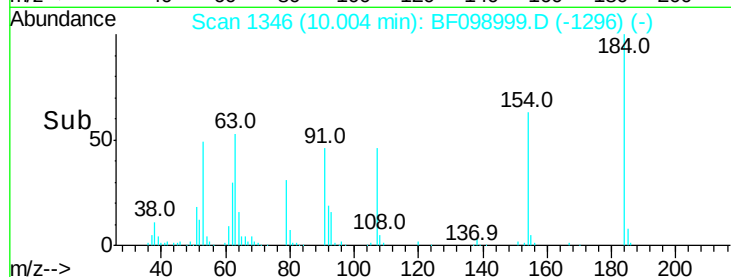
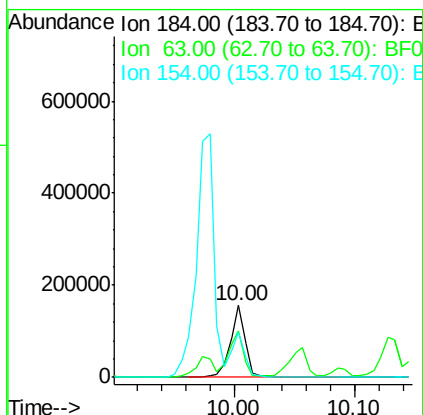
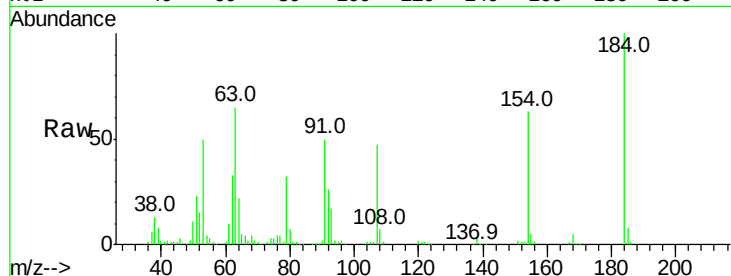




#53
 2,4-Dinitrophenol
 Concen: 71.084 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

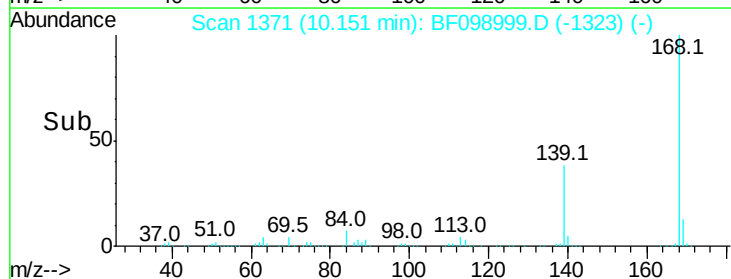
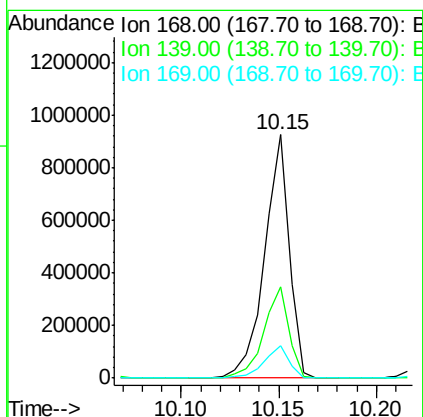
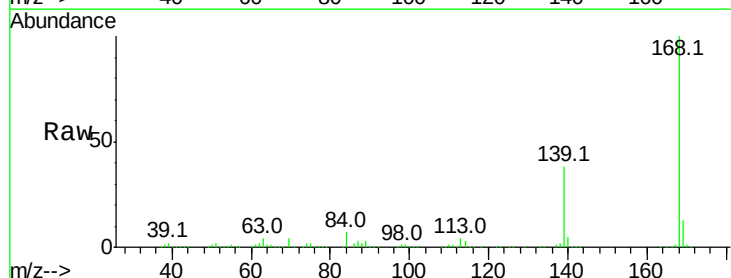
Instrument :
 BNA_F
 ClientSampleId :

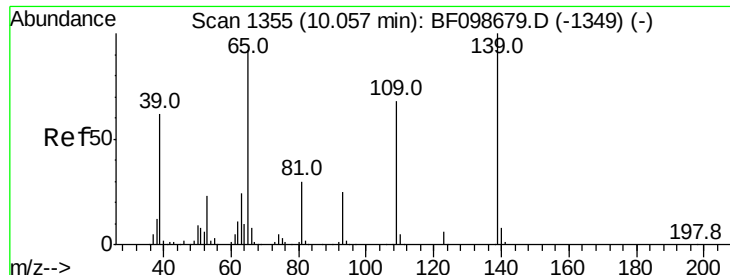
Tot Ion:184 Resp: 134176
 Ion Ratio Lower Upper
 184 100
 63 64.8 54.2 81.2
 154 63.4 53.5 80.3



#54
 Dibenzofuran
 Concen: 43.564 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:168 Resp: 808826
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 71.841 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

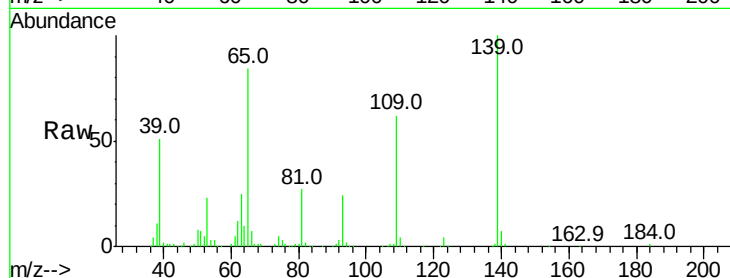
Tot Ion:139 Resp: 259356

Ion Ratio Lower Upper

139 100

109 62.2 48.4 88.4

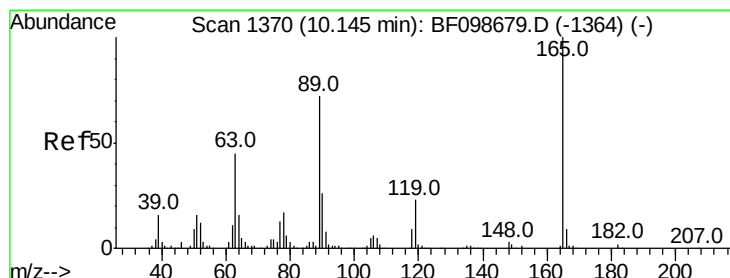
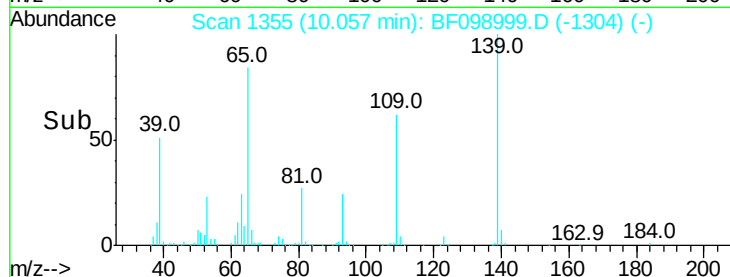
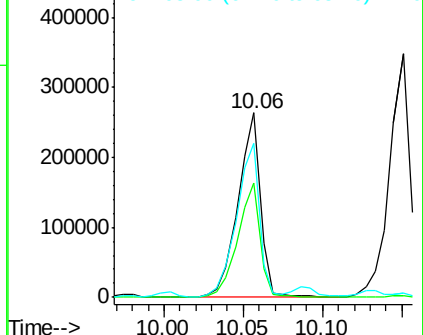
65 83.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.748 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Tgt Ion:165 Resp: 207899

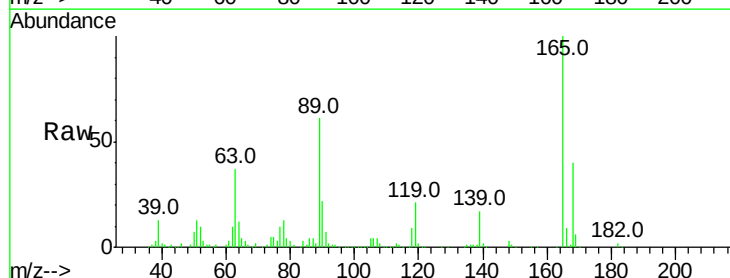
Ion Ratio Lower Upper

165 100

63 37.0 36.4 54.6

89 61.1 57.8 86.6

182 2.3 1.6 2.4

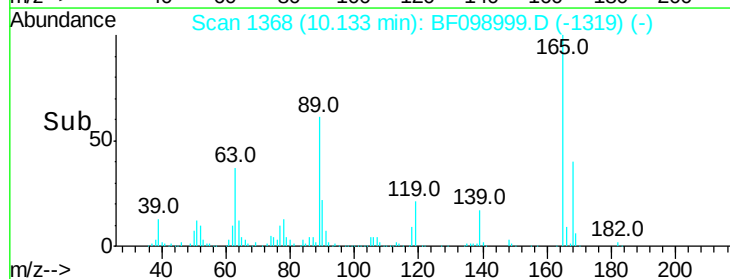
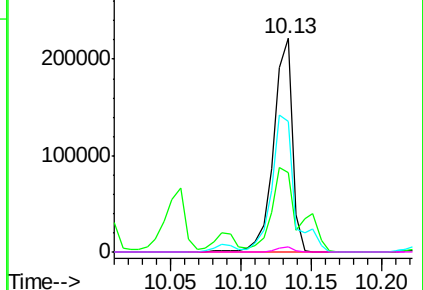


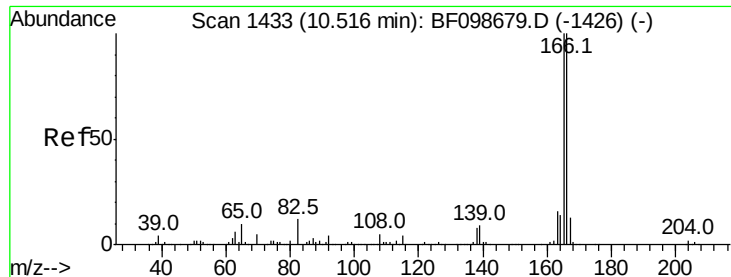
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

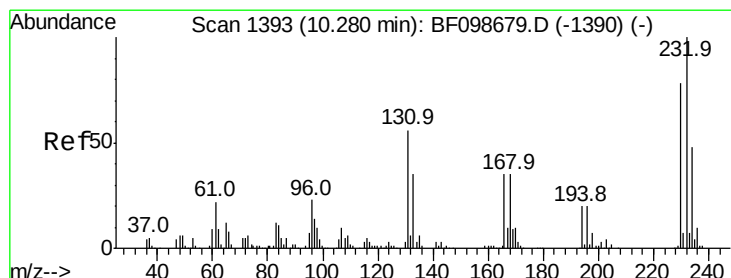
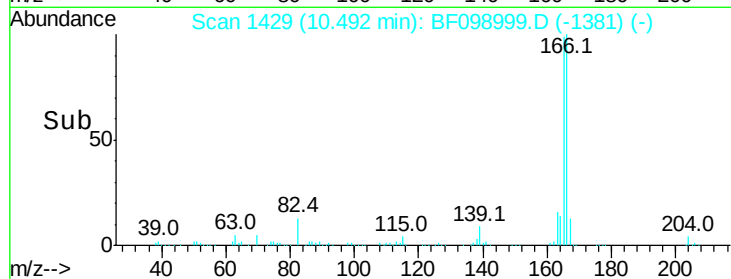
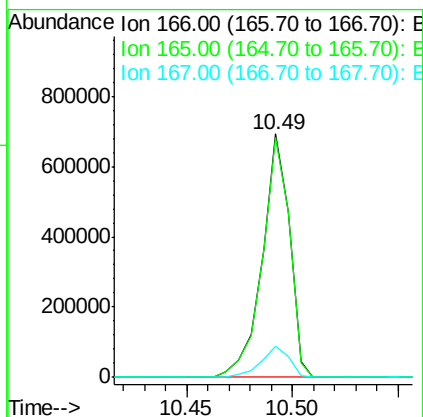
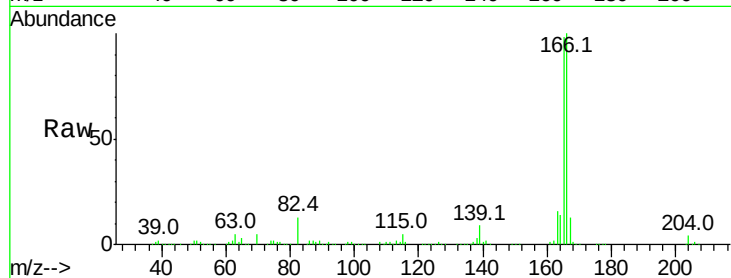




#57
 Fluorene
 Concen: 41.756 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

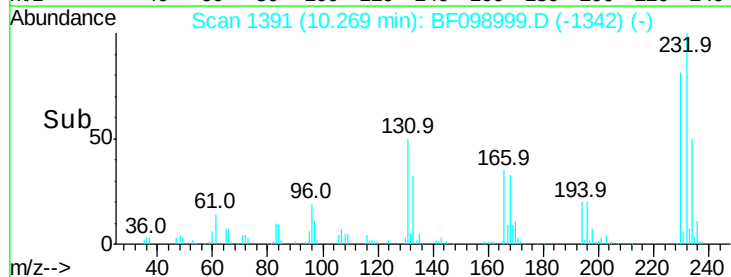
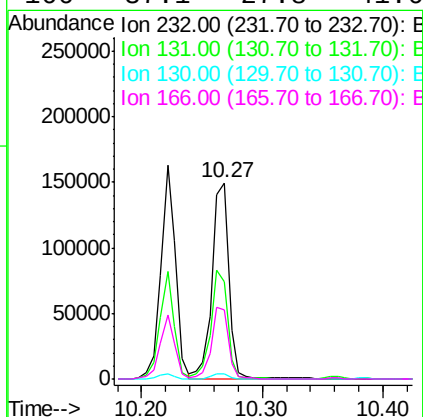
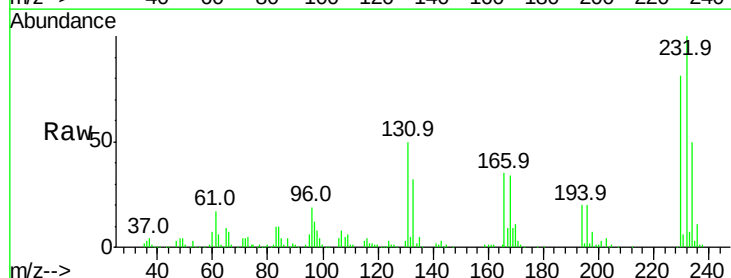
Instrument :
 BNA_F
 ClientSampleId :

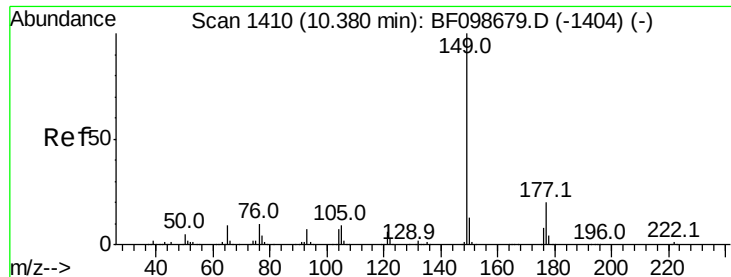
Tot Ion:166 Resp: 623122
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.022 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:232 Resp: 142925
 Ion Ratio Lower Upper
 232 100
 131 55.5 43.8 65.8
 130 2.9 2.1 3.1
 166 37.1 27.8 41.6

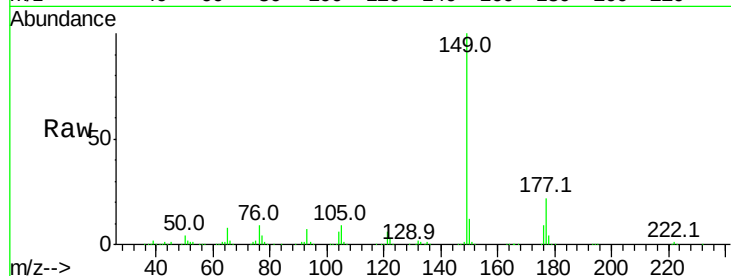




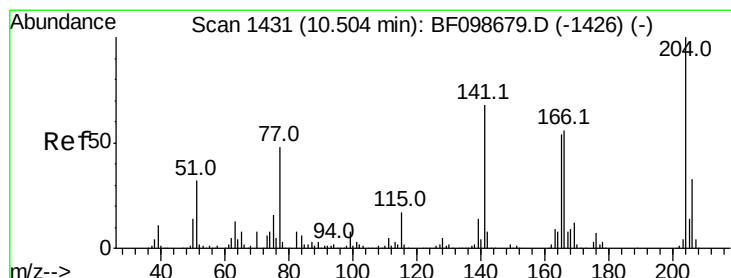
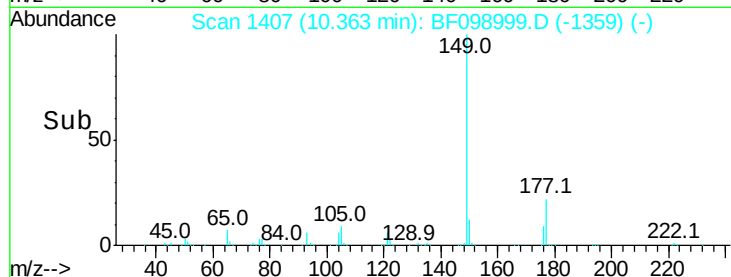
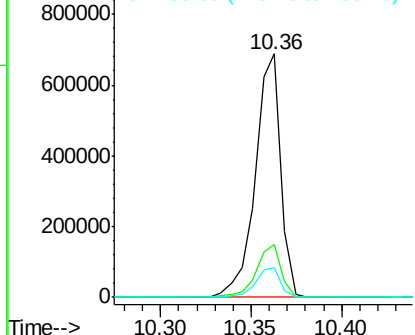
#59
Diethylphthalate
Concen: 40.838 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 671165
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.2 10.1 15.1

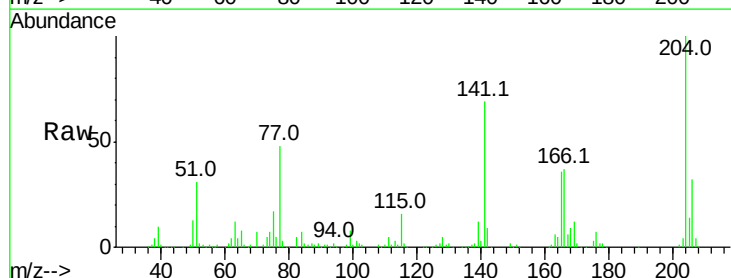


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

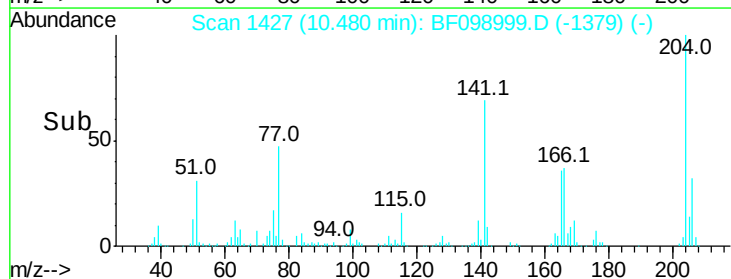
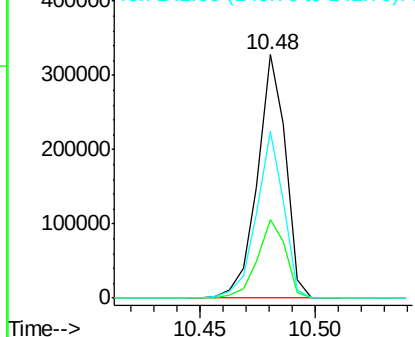


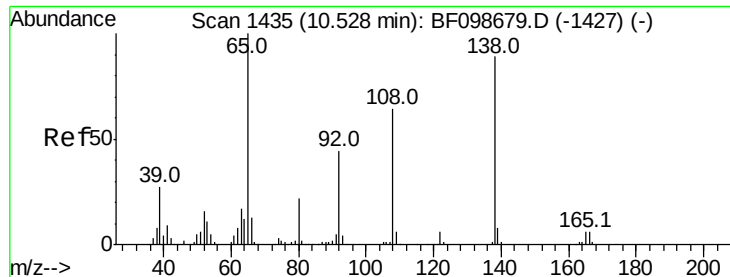
#60
4-Chlorophenyl-phenylether
Concen: 41.664 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:204 Resp: 279287
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 68.5 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

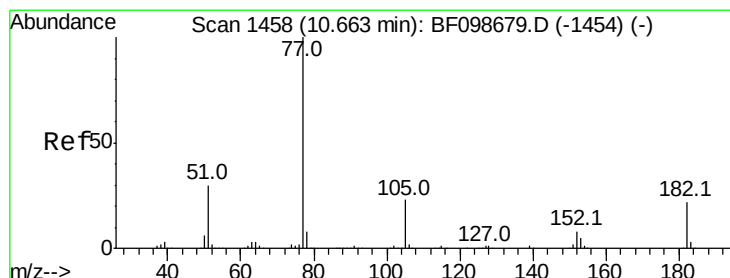
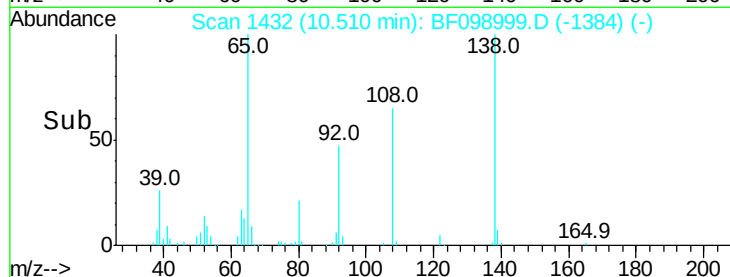
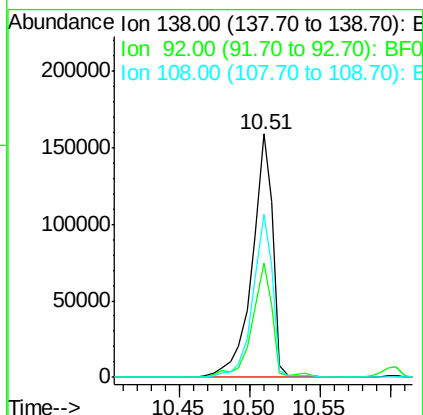
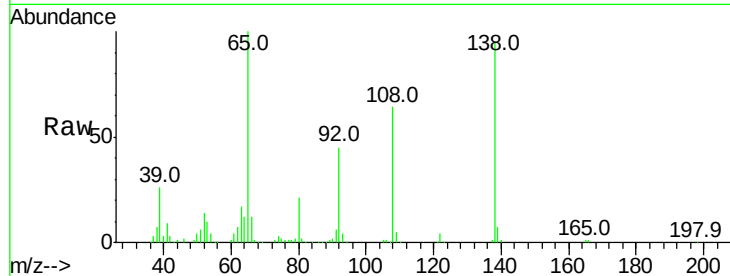




#61
4-Nitroaniline
Concen: 39.549 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

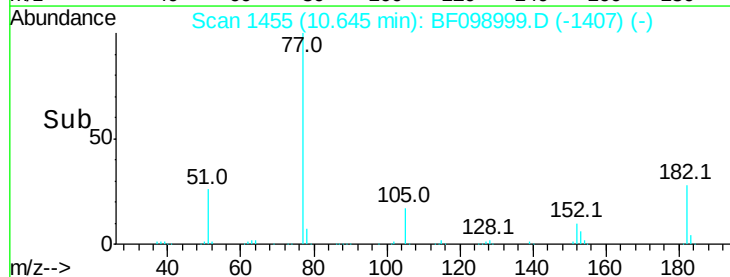
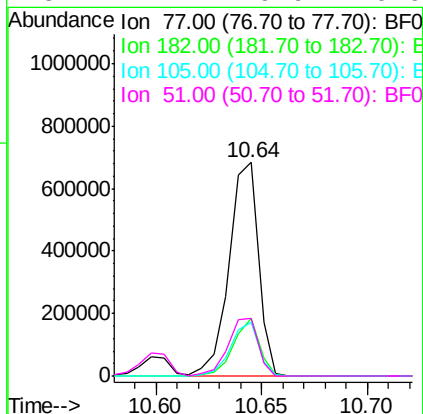
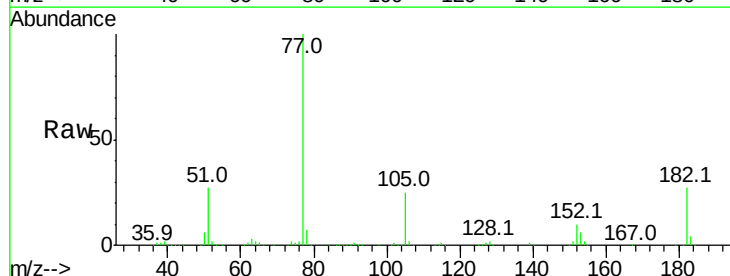
Instrument :
BNA_F
ClientSampleId :

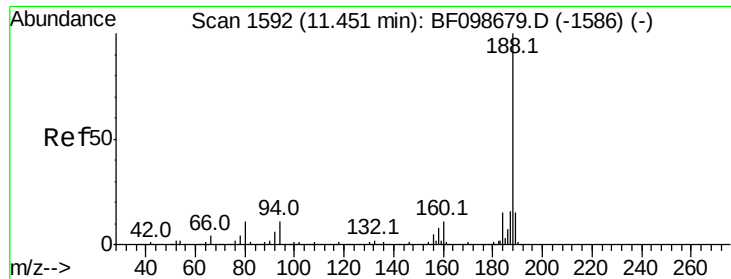
Tot Ion:138 Resp: 162906
Ion Ratio Lower Upper
138 100
92 46.8 30.2 70.2
108 67.0 52.5 92.5



#62
Azobenzene
Concen: 43.383 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion: 77 Resp: 655580
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 25.0 3.0 43.0
51 27.2 9.9 49.9

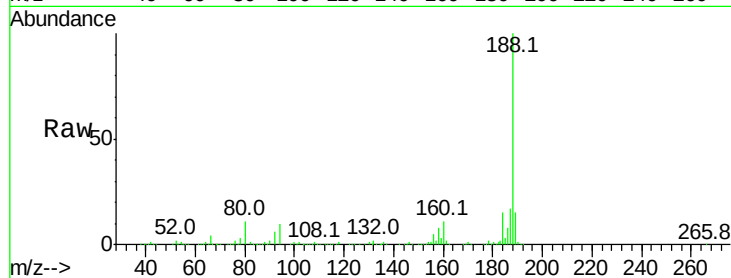




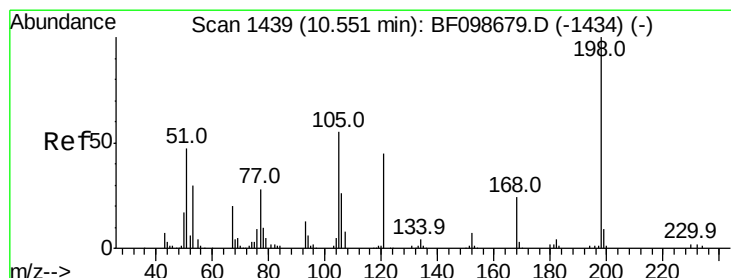
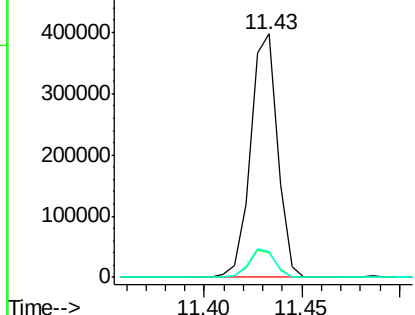
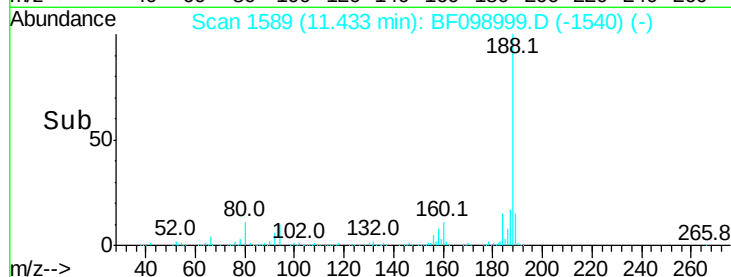
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 379838
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8

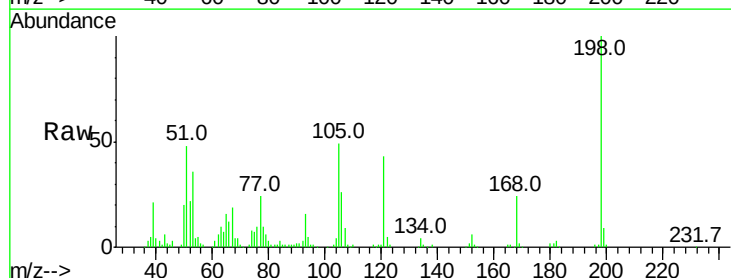


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

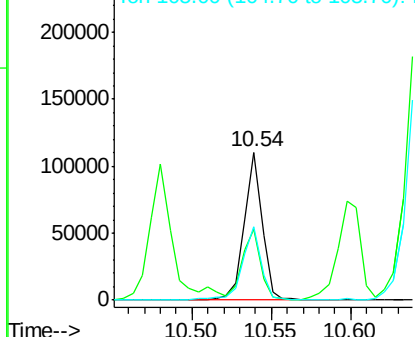
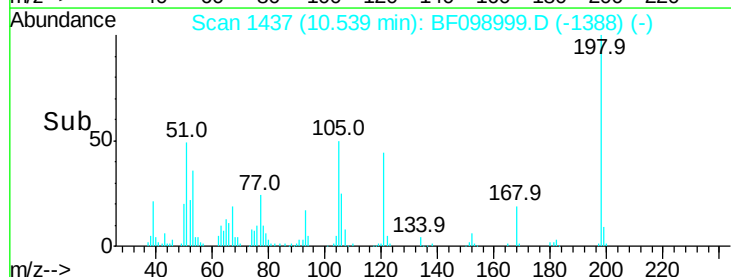


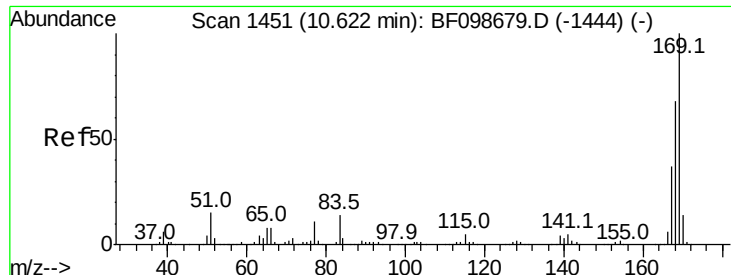
#64
4,6-Dinitro-2-methylphenol
Concen: 37.737 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:198 Resp: 87211
Ion Ratio Lower Upper
198 100
51 48.2 37.7 77.7
105 49.5 36.3 76.3



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

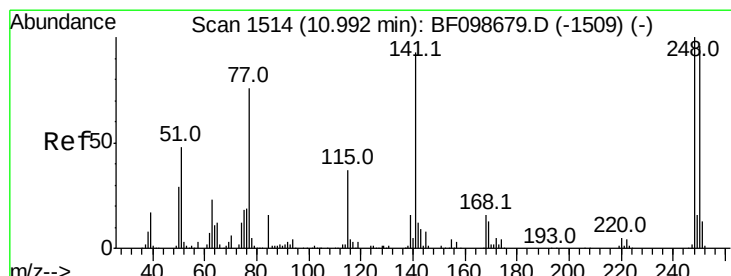
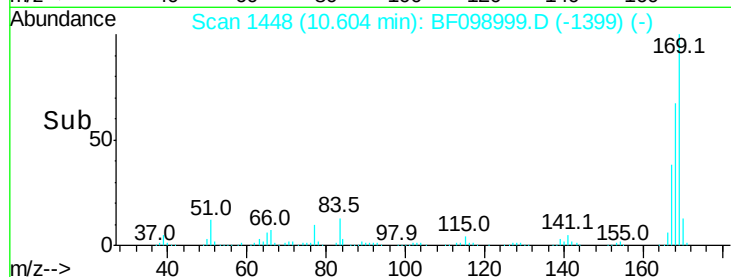
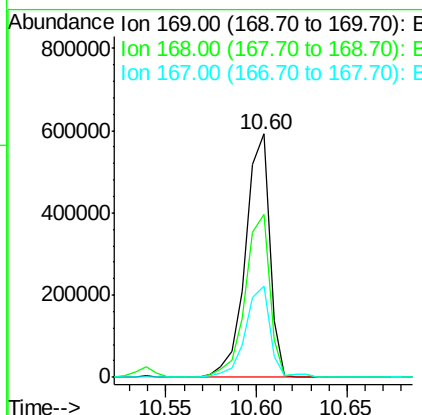
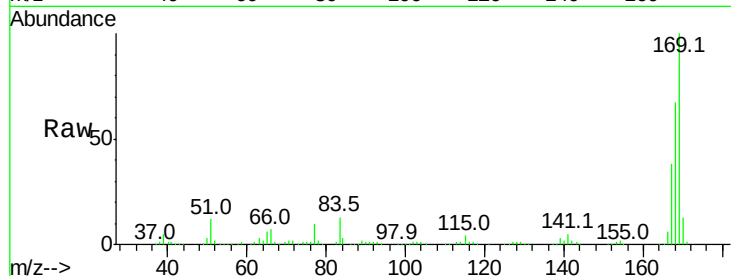




#65
 n-Nitrosodiphenylamine
 Concen: 42.010 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

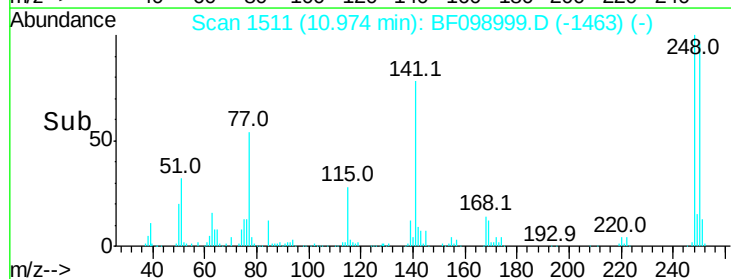
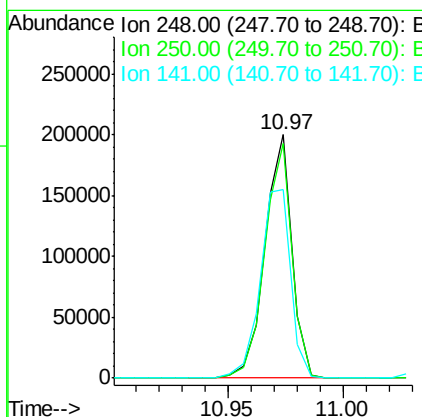
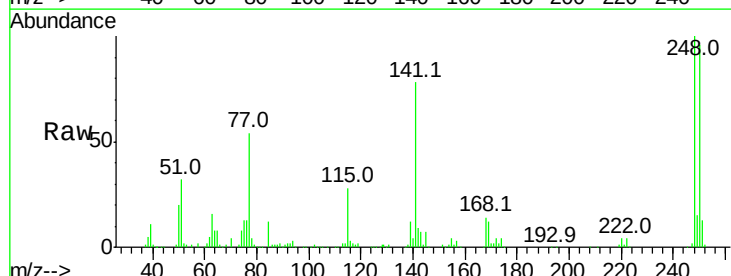
Instrument :
 BNA_F
 ClientSampleId :

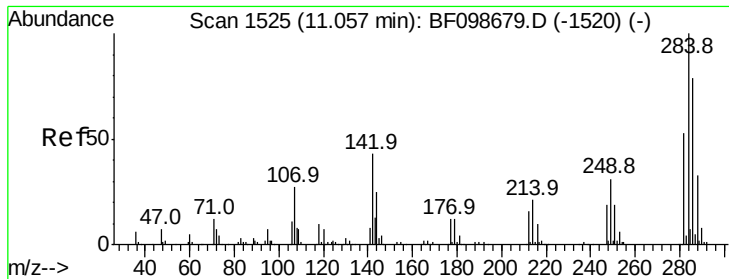
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	37.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.763 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	77.6	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.584 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

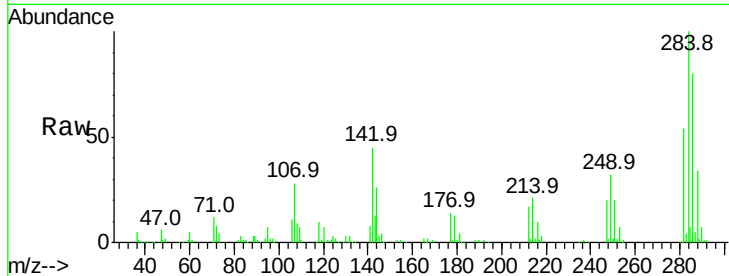
Instrument :

BNA_F

ClientSampled :

Tot Ion:284 Resp: 161157

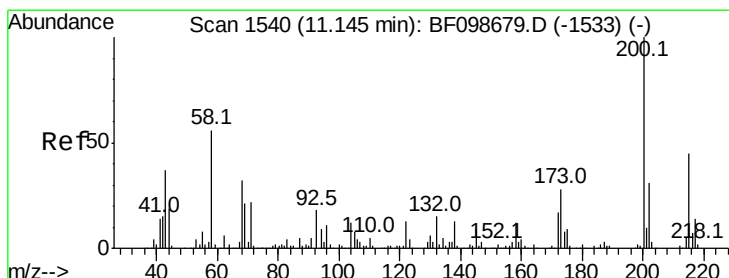
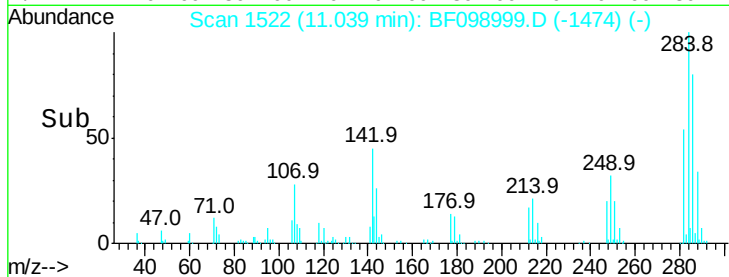
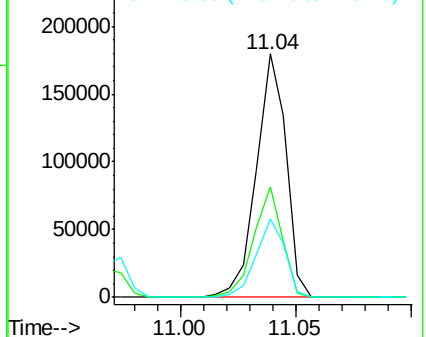
Ion	Ratio	Lower	Upper
284	100		
142	45.5	34.6	52.0
249	32.5	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.251 ng

RT: 11.13 min Scan# 1537

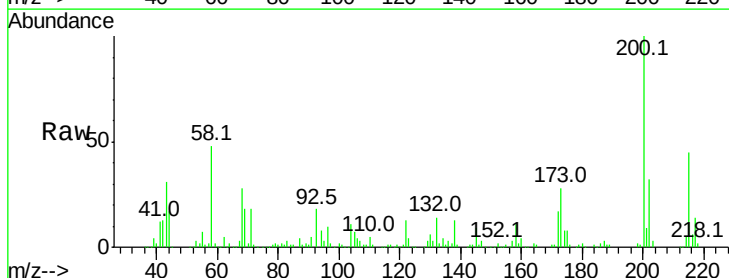
Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Tgt Ion:200 Resp: 167273

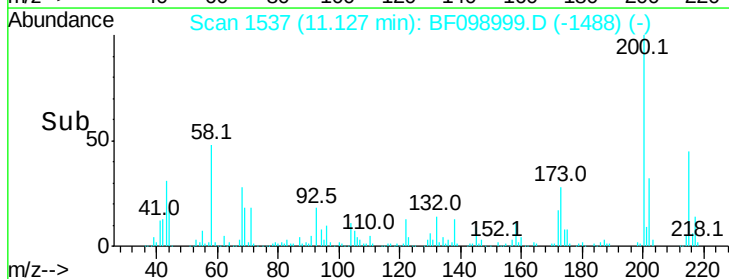
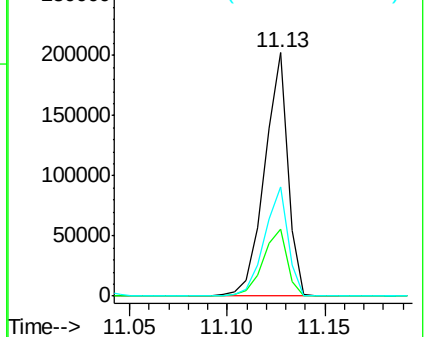
Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	45.0	25.1	65.1

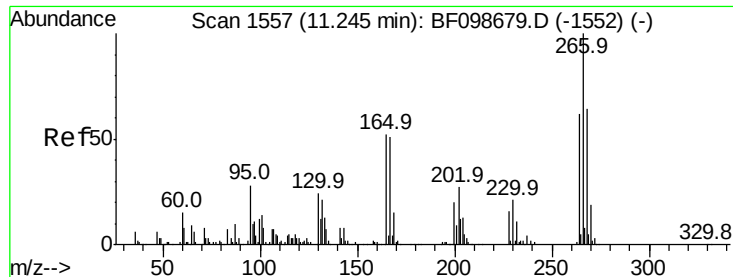


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.308 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

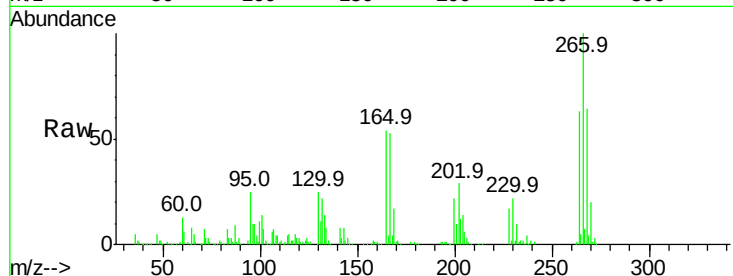
Tot Ion:266 Resp: 168815

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

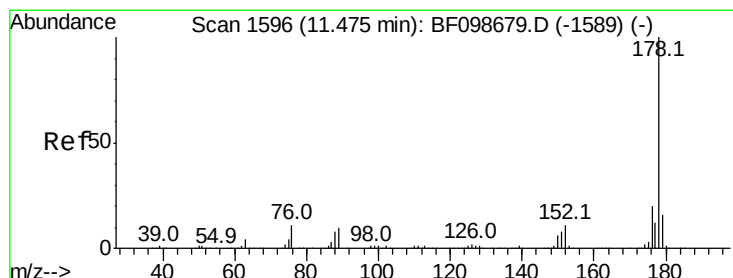
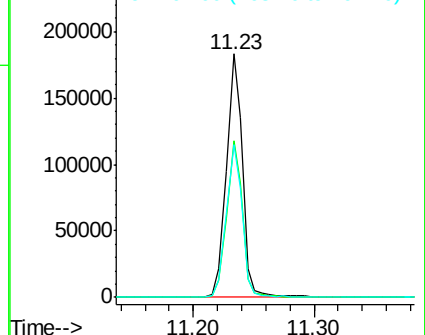
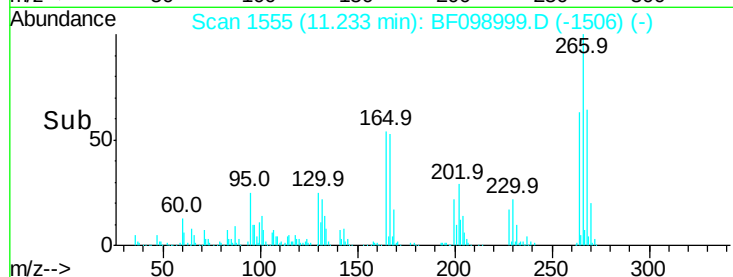
264 62.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.415 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

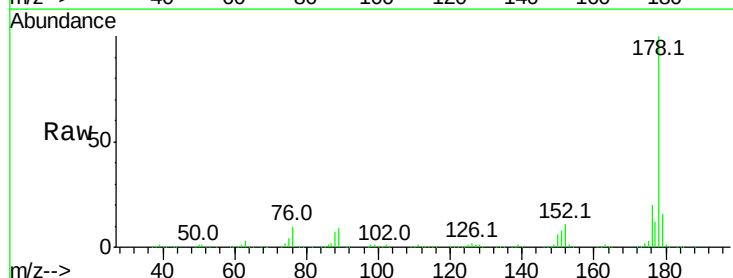
Tgt Ion:178 Resp: 862376

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

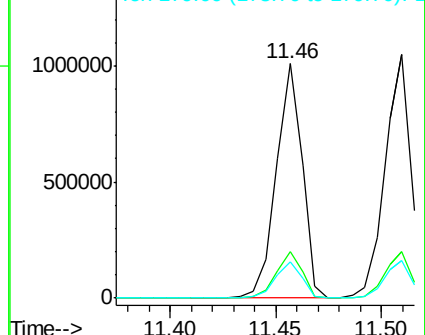
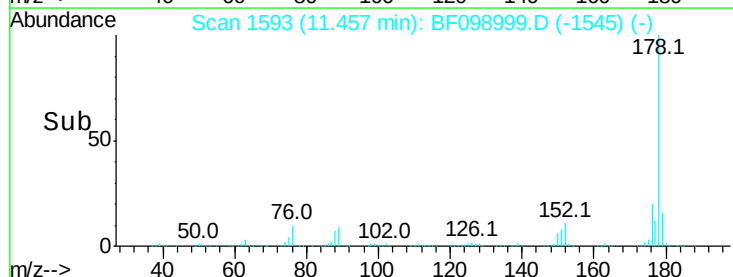
179 15.7 13.0 19.6

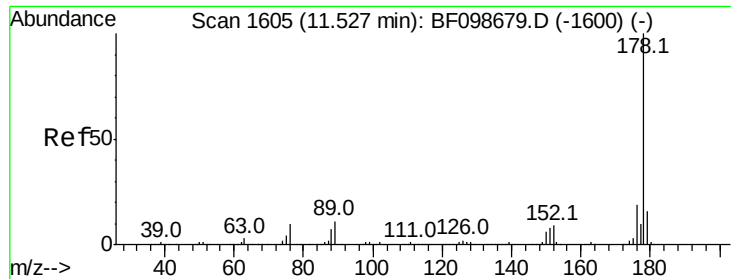


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.214 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

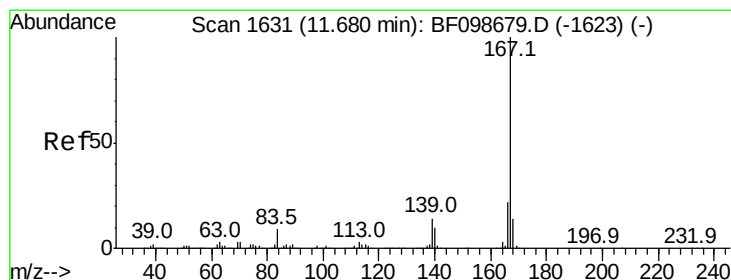
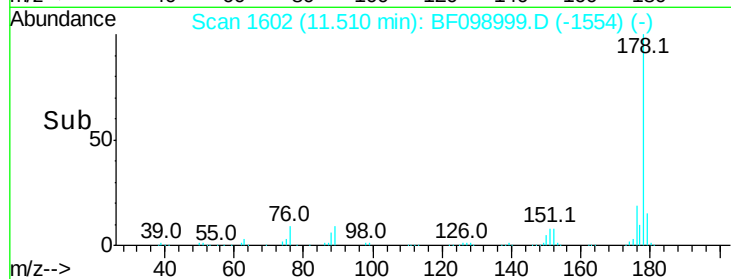
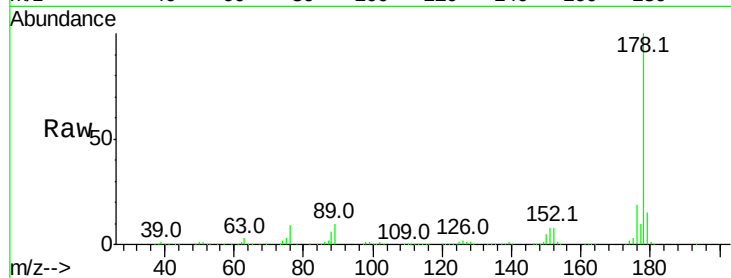
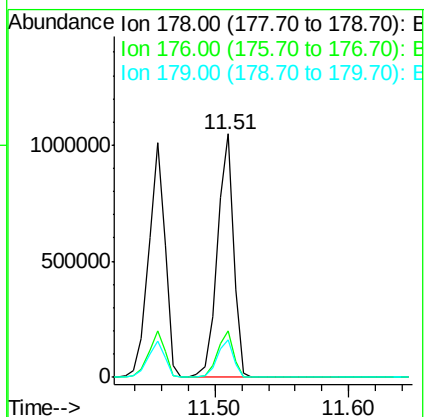
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 898985

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0



#72

Carbazole

Concen: 39.571 ng

RT: 11.66 min Scan# 1628

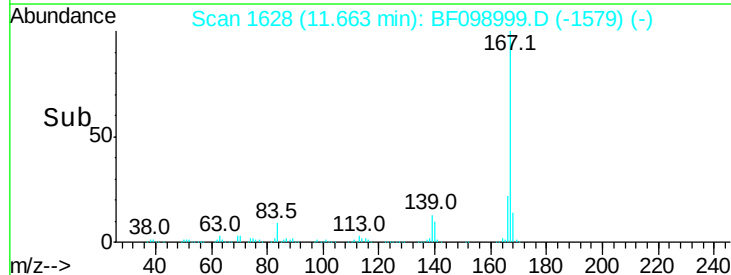
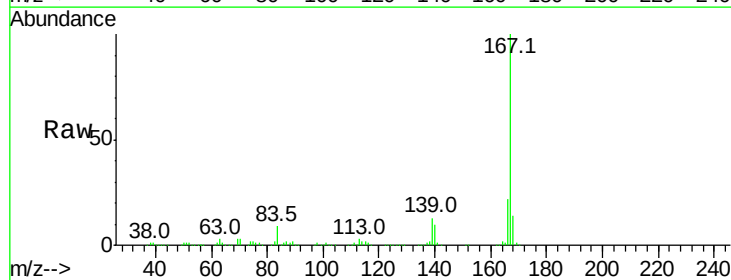
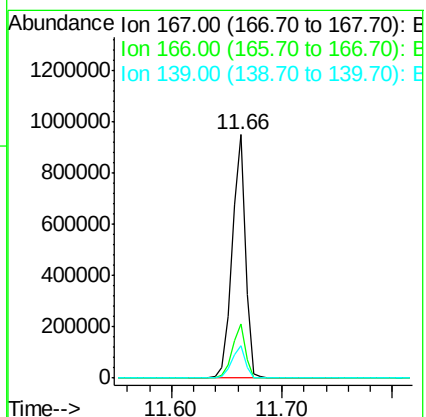
Delta R.T. -0.01 min

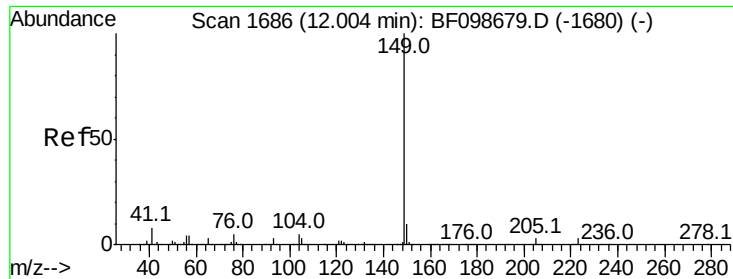
Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Tgt Ion:167 Resp: 806142

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.535 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

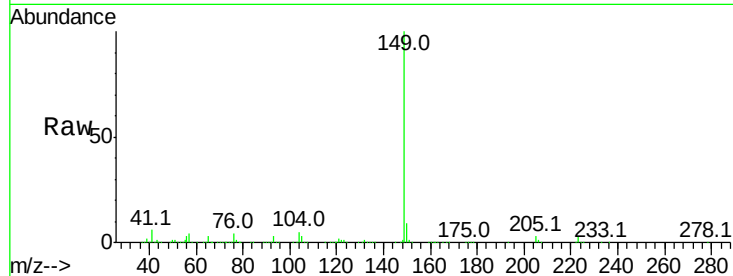
Tot Ion:149 Resp: 1018493

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

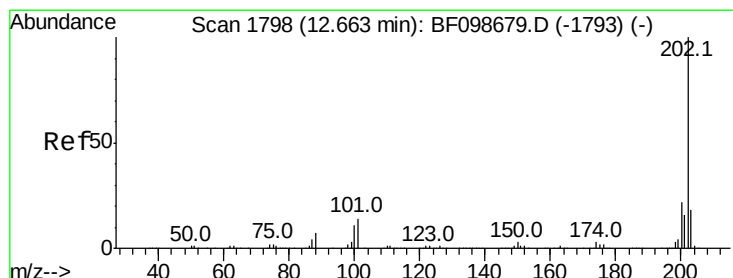
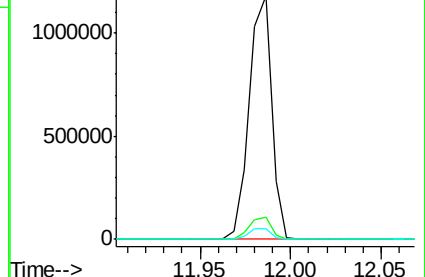
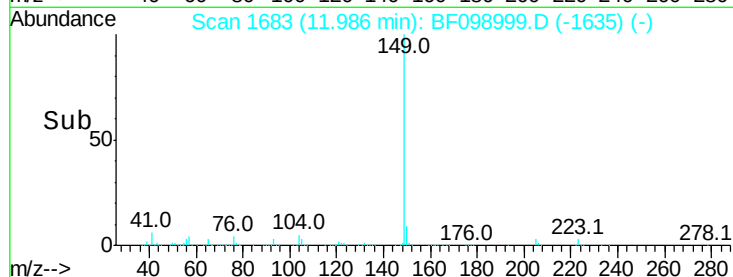
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.089 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

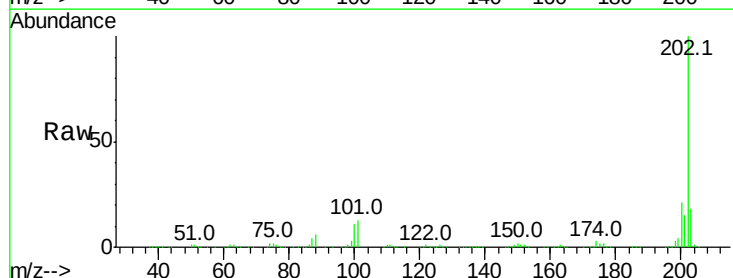
Tgt Ion:202 Resp: 845945

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

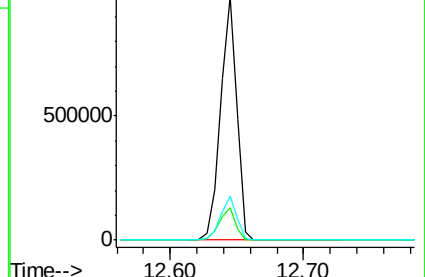
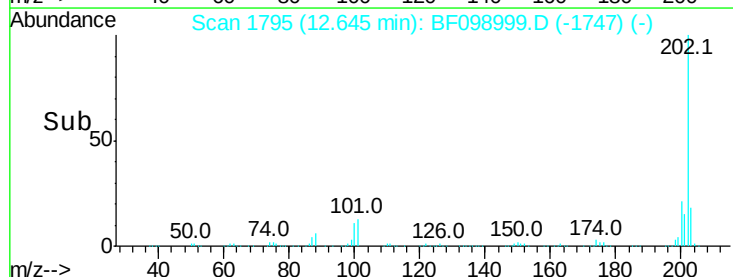
203 17.9 0.0 38.1

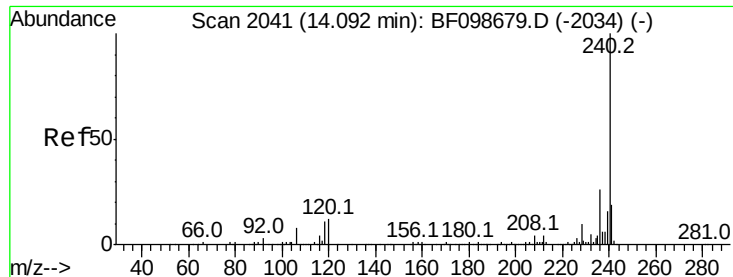


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

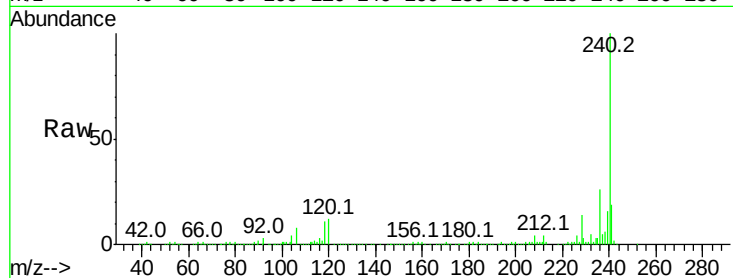
Tot Ion:240 Resp: 243535

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

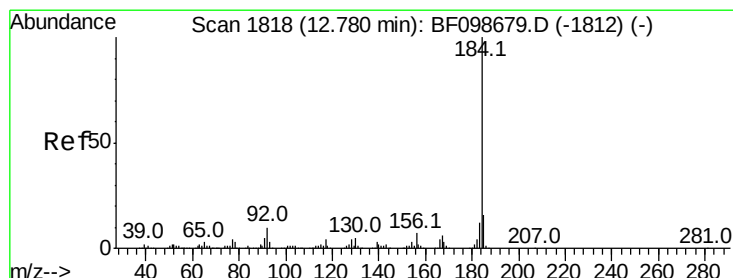
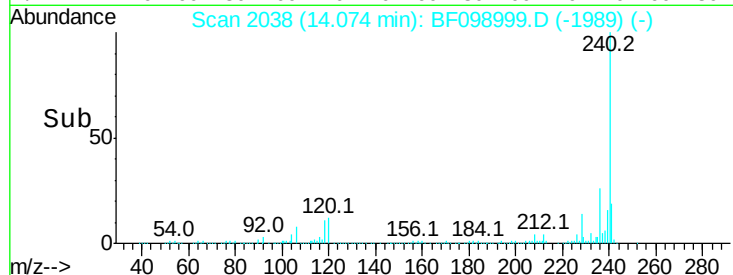
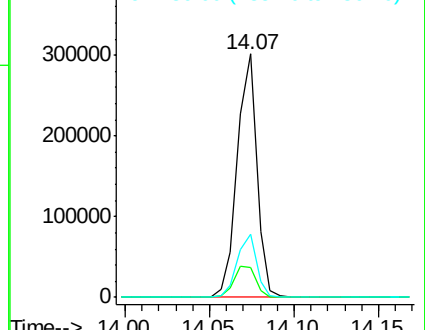
236 25.9 20.7 31.1



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: 23.477 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

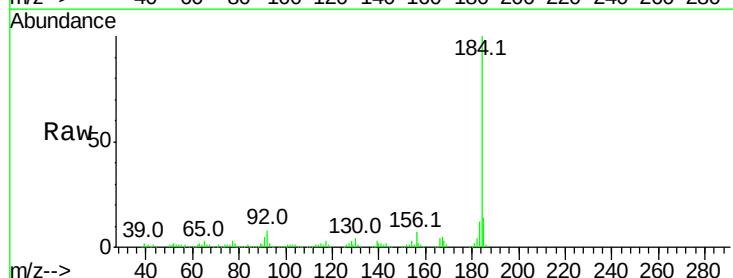
Tgt Ion:184 Resp: 211468

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

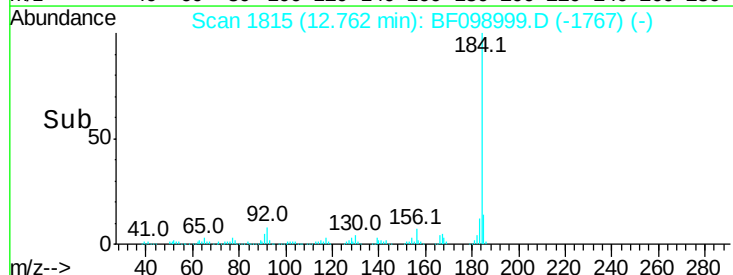
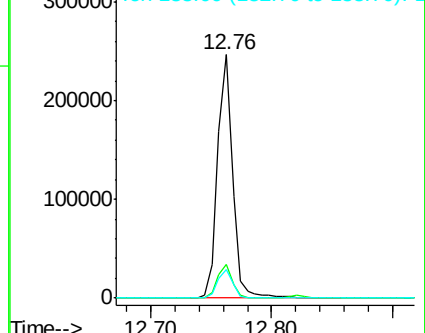
183 12.0 9.3 13.9

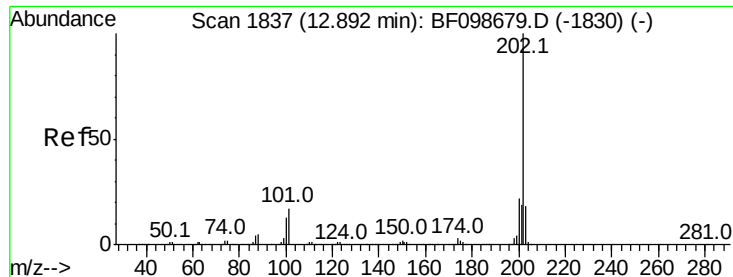


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.584 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF098999.D

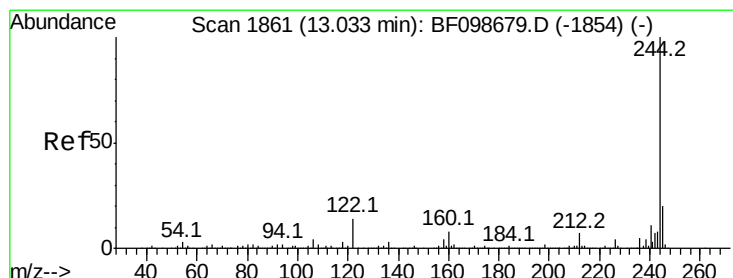
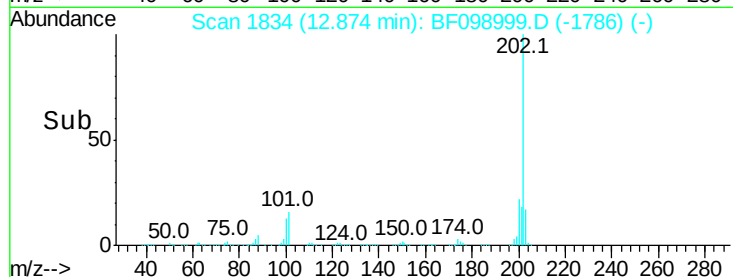
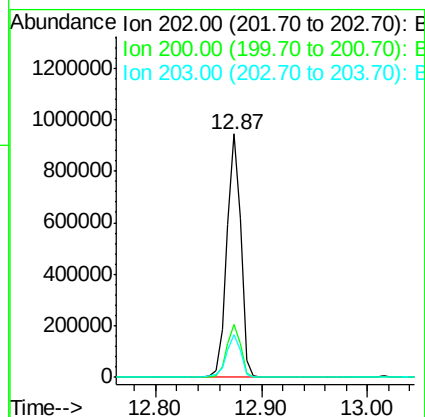
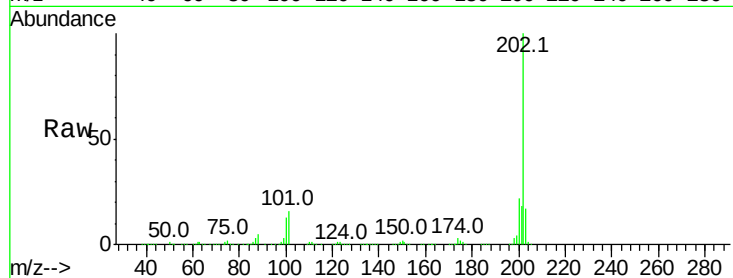
Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	865086
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.4	14.3	21.5



#78

Terphenyl-d14

Concen: 91.632 ng

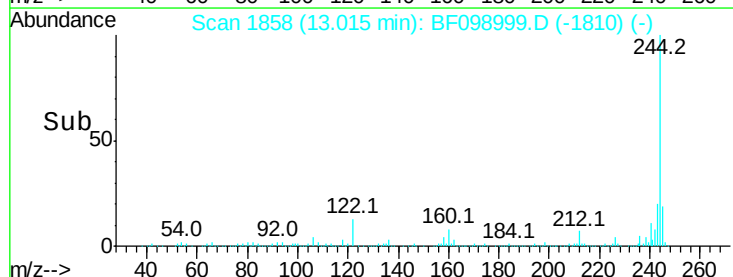
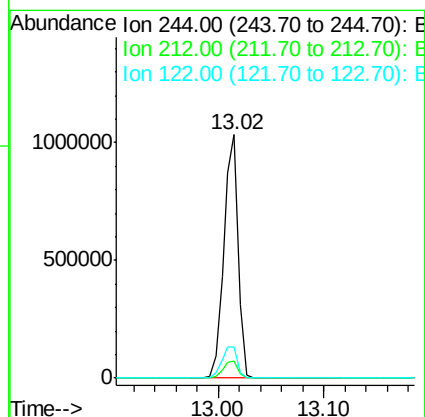
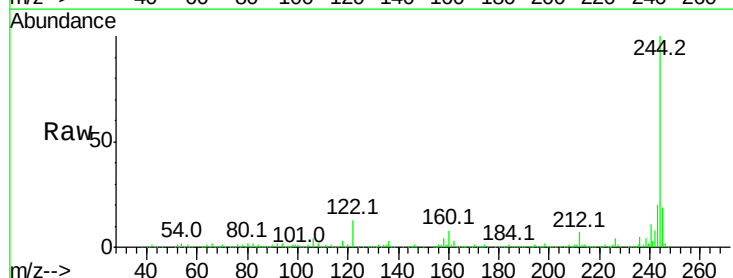
RT: 13.02 min Scan# 1858

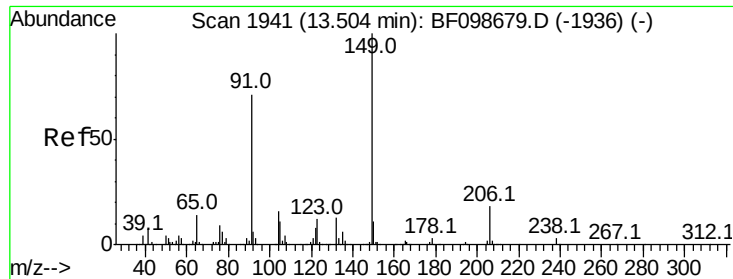
Delta R.T. -0.02 min

Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Tgt Ion:	244	Resp:	981250
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.9	11.0	16.4

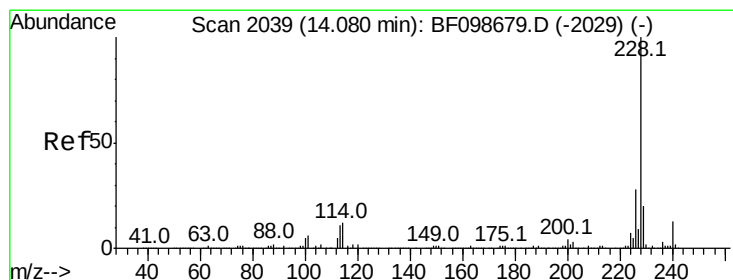
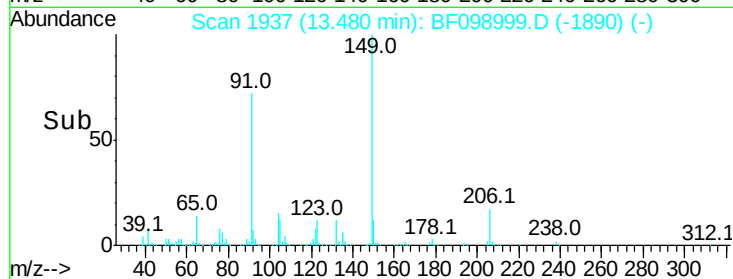
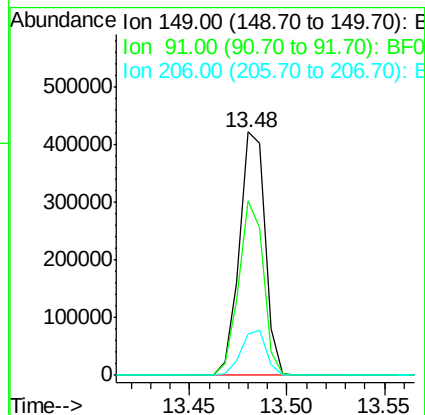
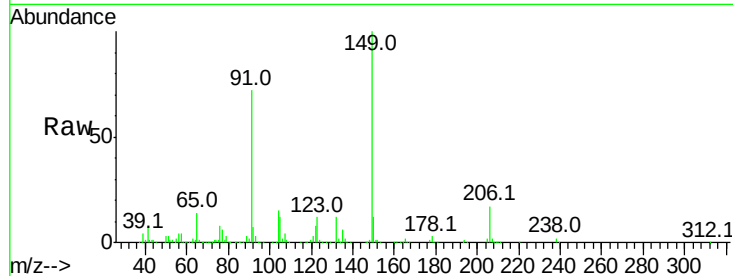




#79
Butylbenzylphthalate
Concen: 44.359 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

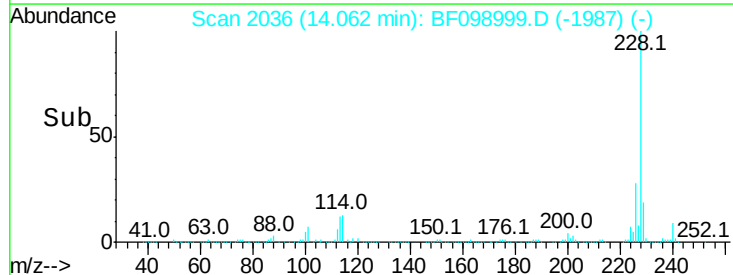
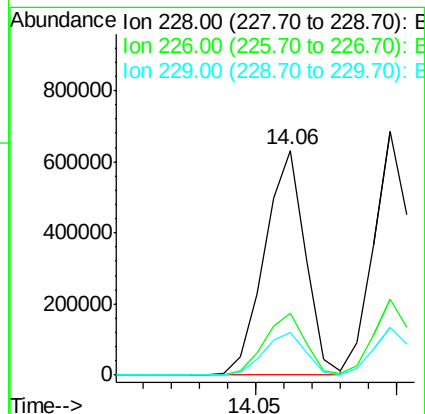
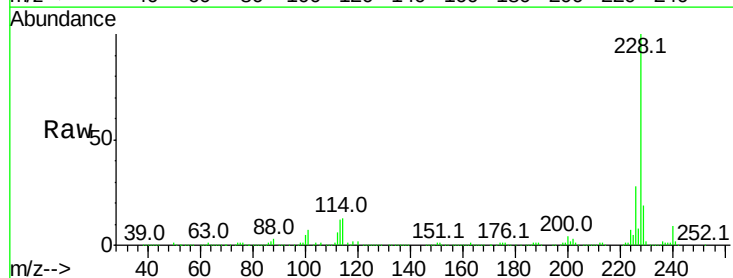
Instrument :
BNA_F
ClientSampleId :

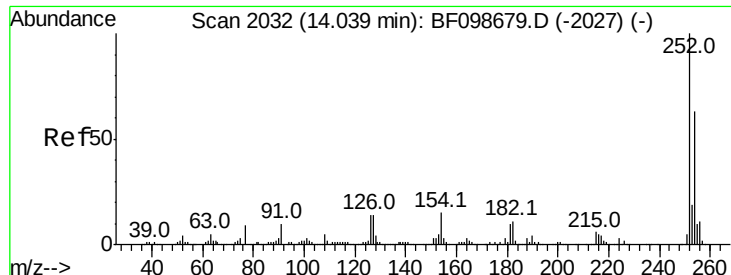
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	16.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.755 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.3	15.8	23.6

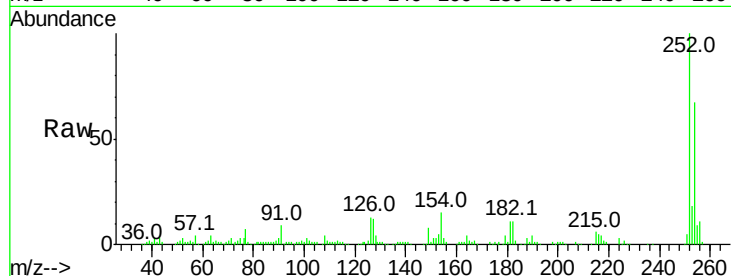




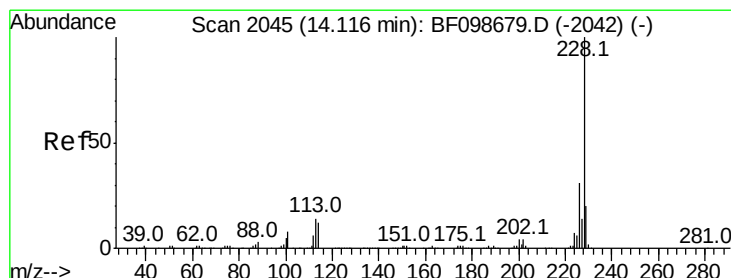
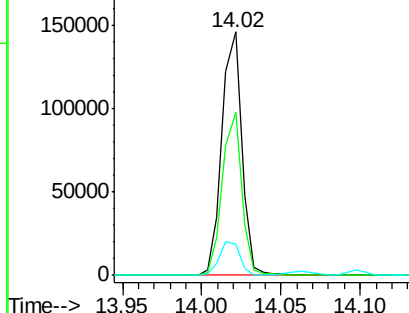
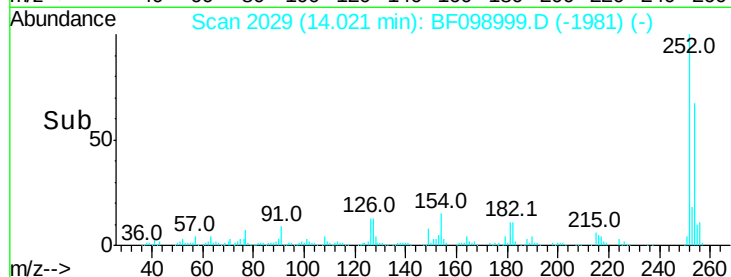
#81
 3,3'-Dichlorobenzidine
 Concen: 23.834 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.4	75.6
126	12.6	11.3	16.9

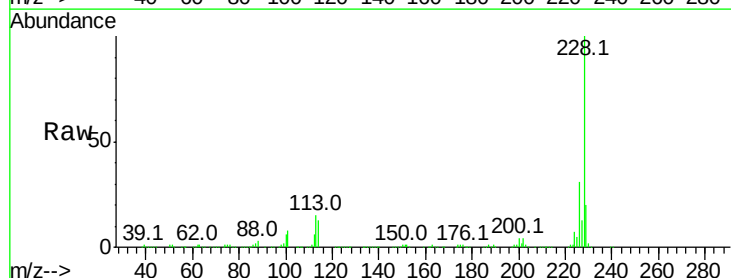


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

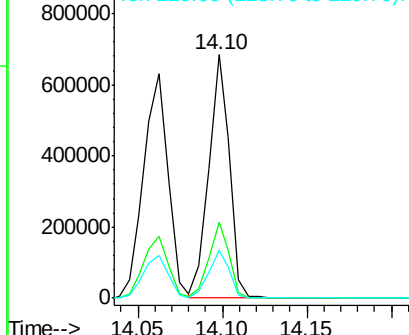
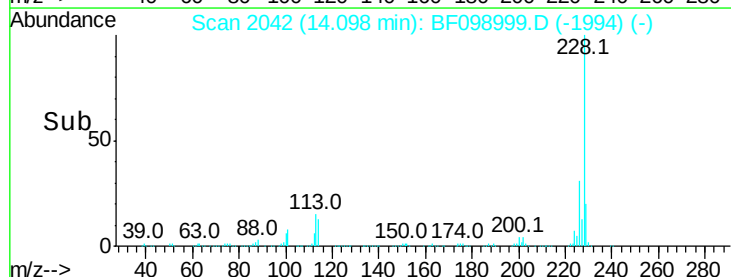


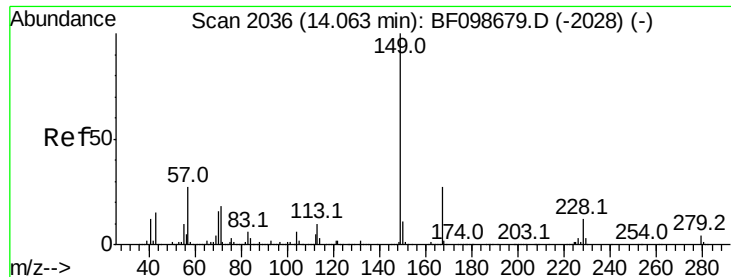
#82
 Chrysene
 Concen: 41.717 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.7	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

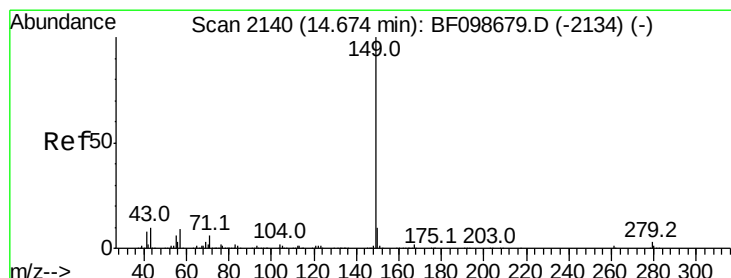
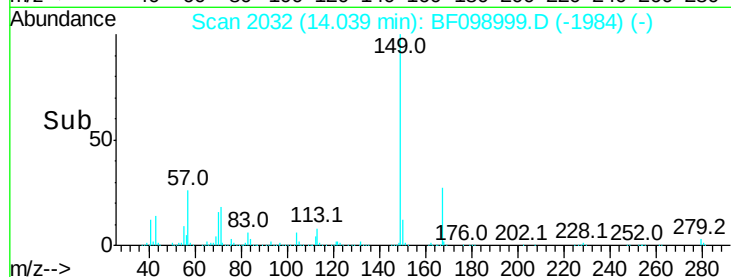
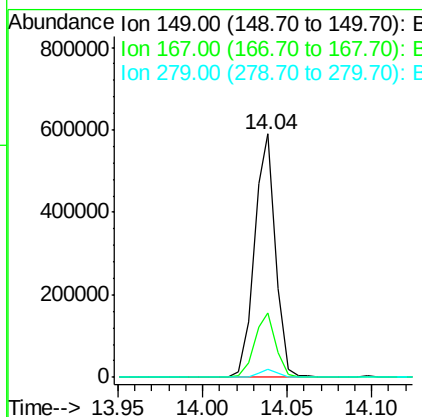
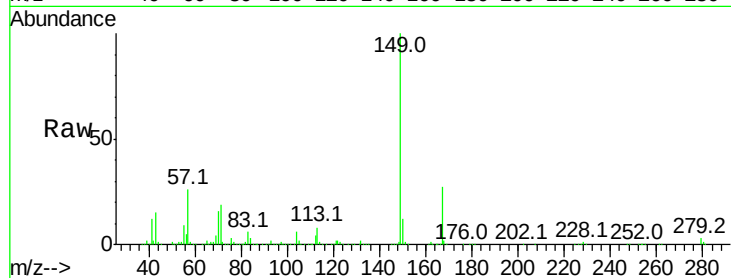




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.656 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

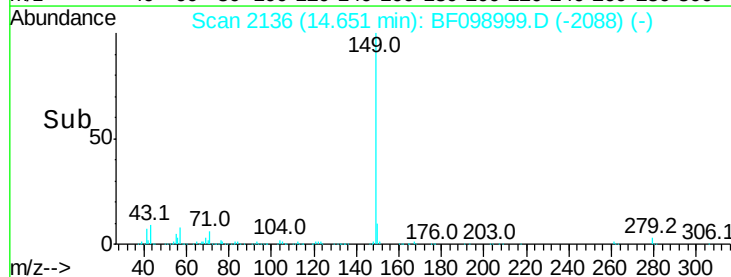
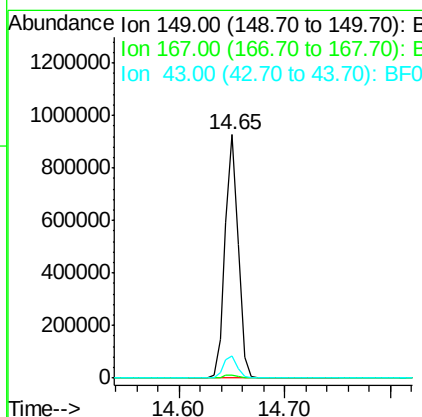
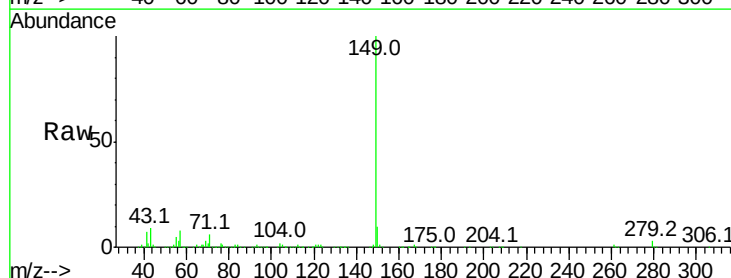
Instrument :
 BNA_F
 ClientSampleId :

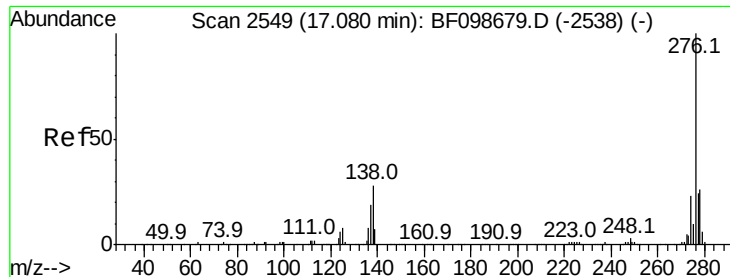
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.699 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	8.4	12.6

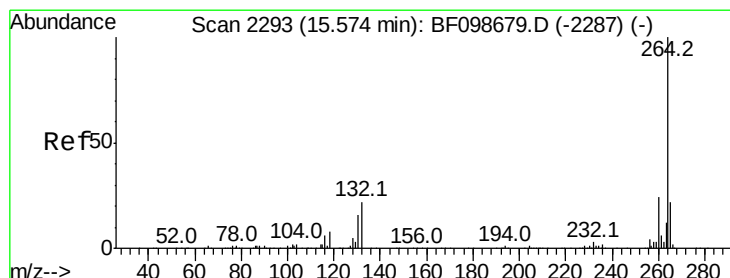
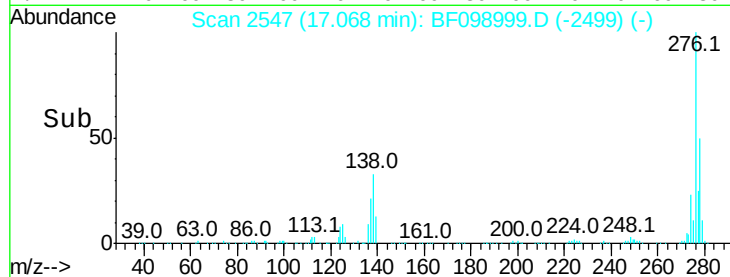
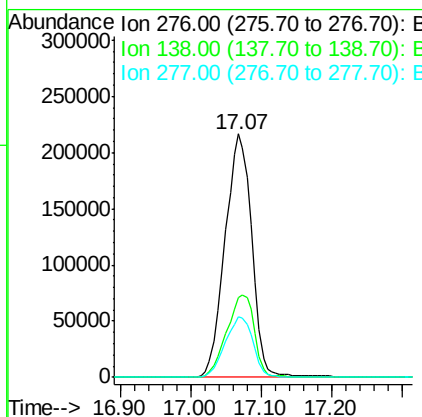
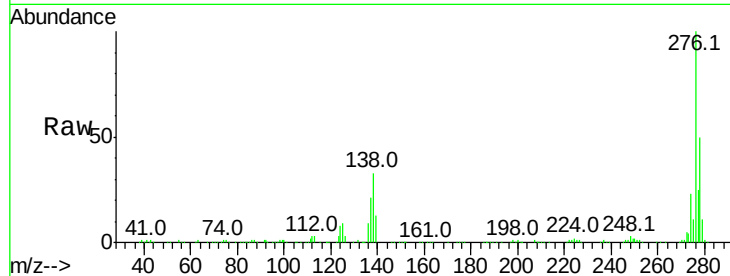




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.871 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

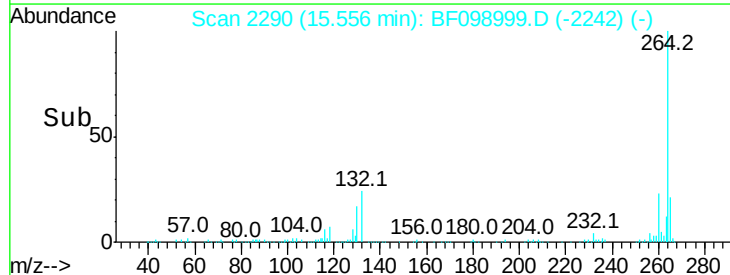
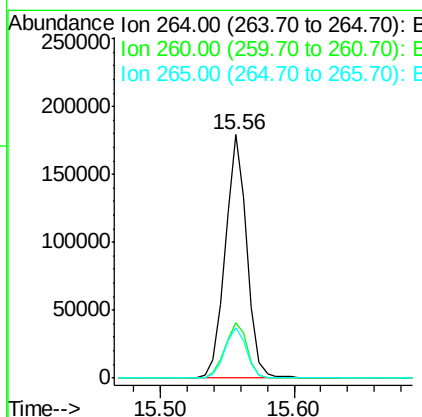
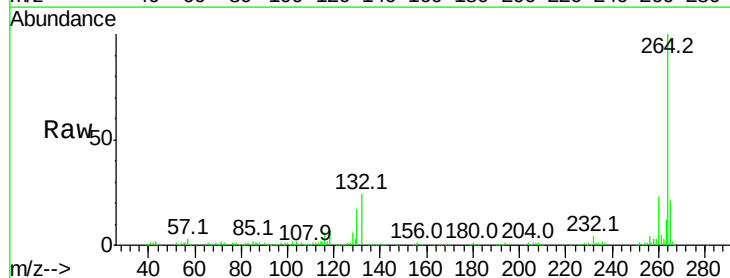
Instrument :
 BNA_F
 ClientSampleId :

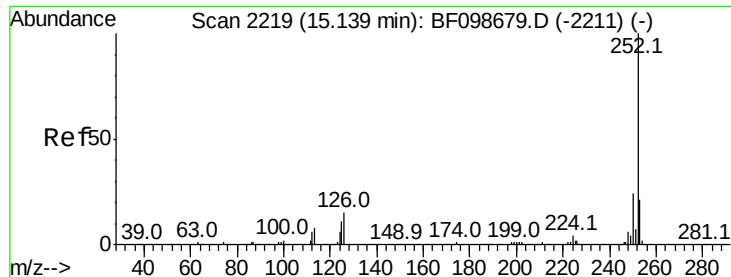
Tot Ion:276	Resp:	571315
Ion	Ratio	Lower Upper
276	100	
138	35.0	25.0 37.6
277	25.6	20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BF098999.D
 Acq: 2 Oct 2017 15:04

Tgt Ion:264	Resp:	203708
Ion	Ratio	Lower Upper
264	100	
260	22.6	19.2 28.8
265	20.8	17.5 26.3

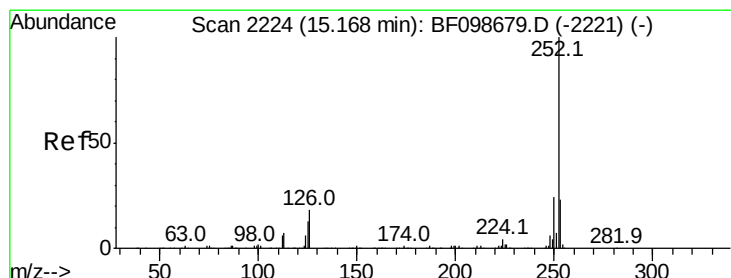
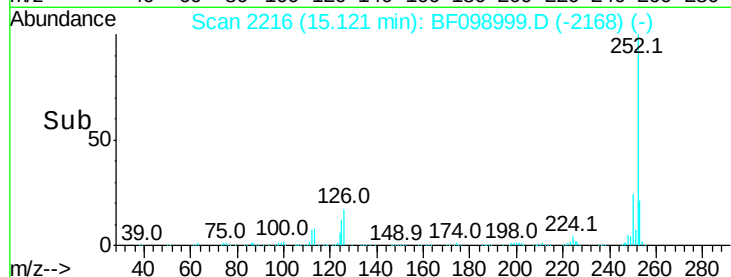
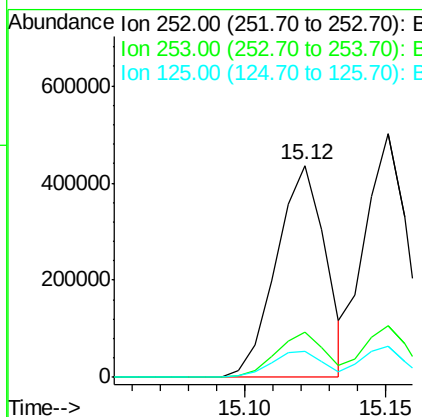
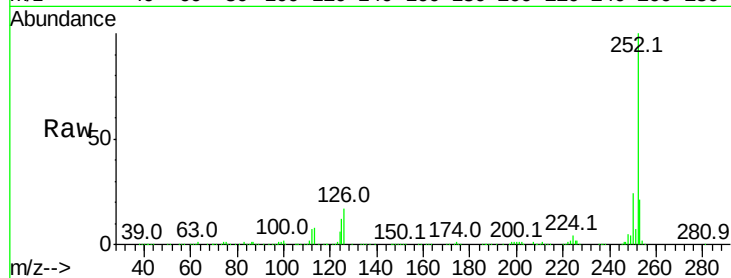




#87
Benzo(b)fluoranthene
Concen: 42.080 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

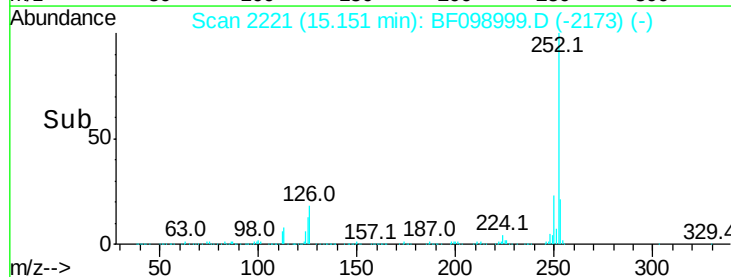
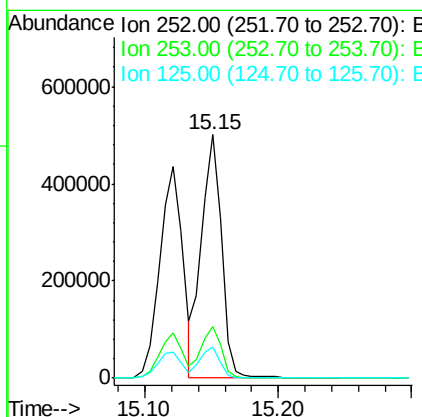
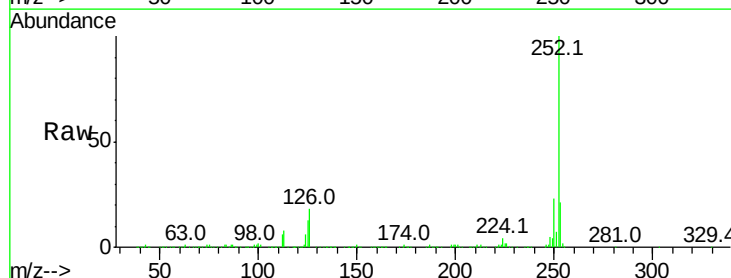
Instrument :
BNA_F
ClientSampleId :

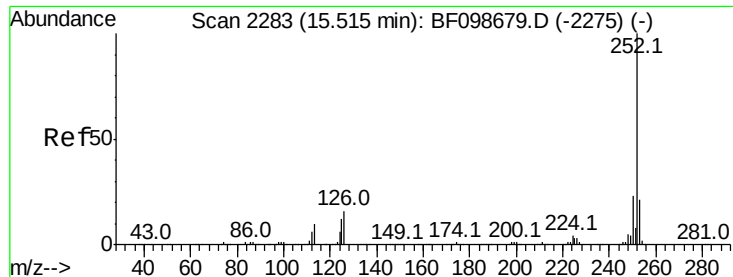
Tot Ion:252 Resp: 527043
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.337 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:252 Resp: 523745
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 13.0 10.2 15.2

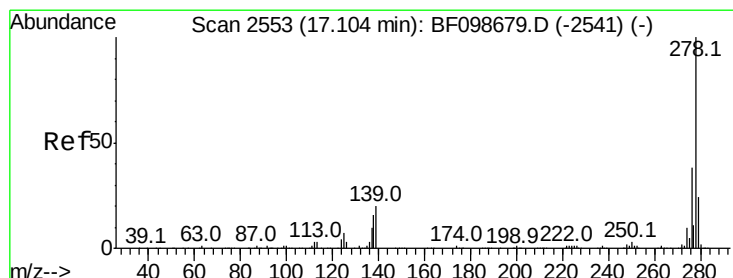
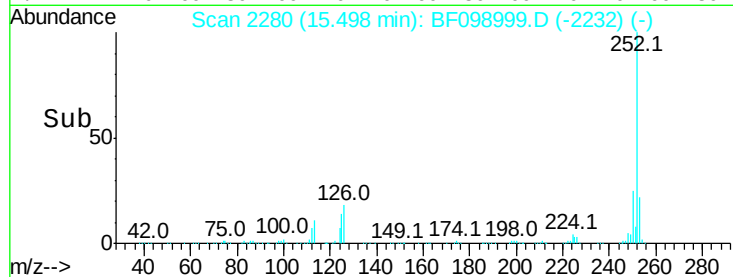
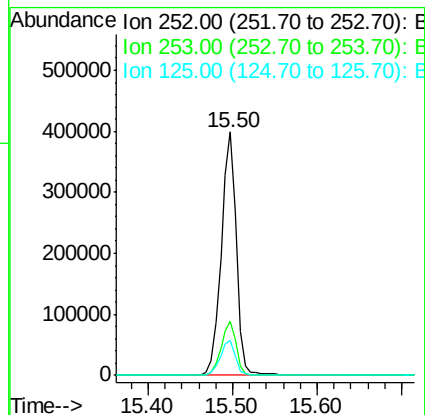
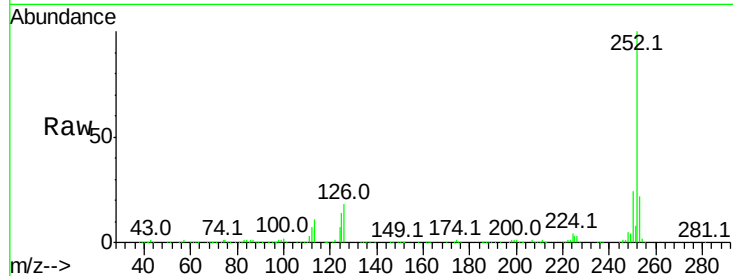




#89
Benzo(a)pyrene
Concen: 43.673 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

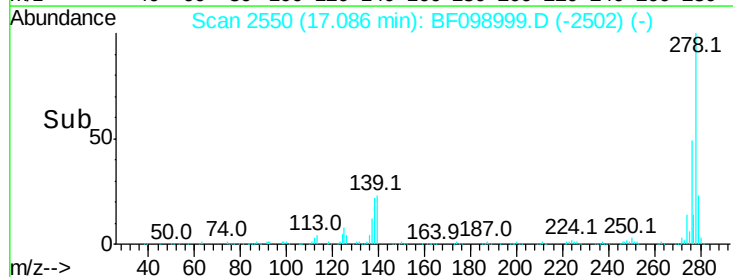
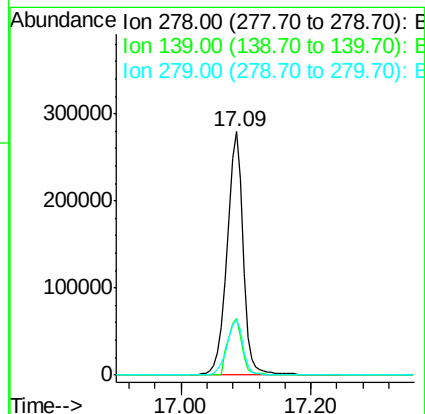
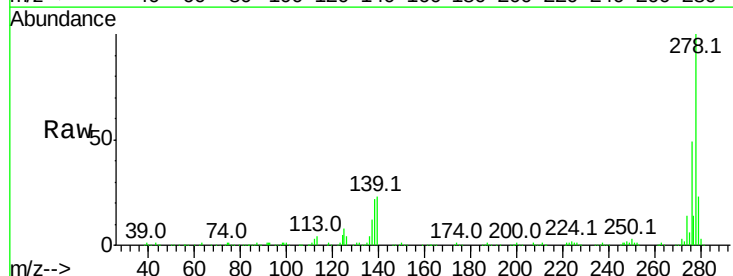
Instrument :
BNA_F
ClientSampleId :

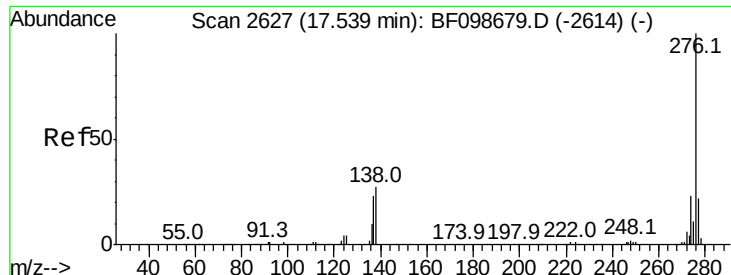
Tot Ion:252 Resp: 502100
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.307 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098999.D
Acq: 2 Oct 2017 15:04

Tgt Ion:278 Resp: 481272
Ion Ratio Lower Upper
278 100
139 23.2 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 54.537 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.02 min

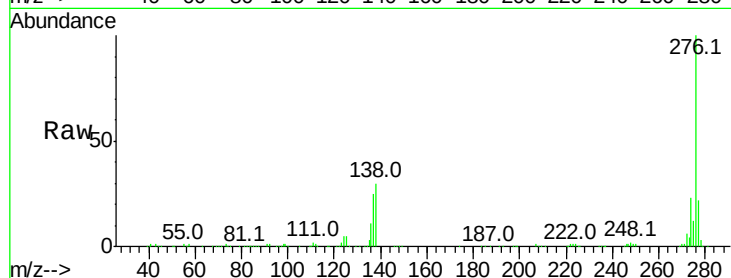
Lab File: BF098999.D

Acq: 2 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 496006

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 29.5 21.8 32.8

