

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079997.D
 Acq On : 16 Jun 2015 18:24
 Operator : TP/IZ
 Sample : PB84029BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Quant Time: Jun 17 00:49:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	52745	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	204645	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	104924	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	199930	20.00	ng	0.00
75) Chrysene-d12	14.85	240	217772	20.00	ng	-0.06
86) Perylene-d12	16.71	264	211693	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.97	112	402881	140.06	ng	0.01
7) Phenol-d6	6.95	99	509080	129.90	ng	0.00
23) Nitrobenzene-d5	7.91	82	322540	103.99	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	136198	128.90	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	613186	81.83	ng	0.00
78) Terphenyl-d14	13.59	244	776766	82.24	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	45694	34.92	ng	96
3) Pyridine	4.07	79	130672	38.97	ng	99
4) n-Nitrosodimethylamine	3.98	42	69891	42.29	ng	# 91
6) Aniline	7.01	93	134149	23.65	ng	98
8) 2-Chlorophenol	7.13	128	148300	42.42	ng	94
9) Benzaldehyde	6.89	77	82338	36.55	ng	97
10) Phenol	6.96	94	168751	39.15	ng	80
11) bis(2-Chloroethyl)ether	7.06	93	129688	37.39	ng	92
12) 1,3-Dichlorobenzene	7.29	146	162087	39.74	ng	96
13) 1,4-Dichlorobenzene	7.37	146	170628	40.28	ng	98
14) 1,2-Dichlorobenzene	7.52	146	150109	39.90	ng	98
15) Benzyl Alcohol	7.48	79	134534	42.82	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	202957	39.51	ng	98
17) 2-Methylphenol	7.58	107	119068	38.98	ng	95
18) Hexachloroethane	7.88	117	56940	43.41	ng	97
19) n-Nitroso-di-n-propylamine	7.74	70	101266	36.16	ng	92
20) 3+4-Methylphenols	7.73	107	156146	40.00	ng	96
22) Acetophenone	7.75	105	216167	44.73	ng	# 95
24) Nitrobenzene	7.92	77	146164	44.30	ng	98
25) Isophorone	8.16	82	287174	39.79	ng	98
26) 2-Nitrophenol	8.25	139	59302	50.95	ng	# 94
27) 2,4-Dimethylphenol	8.26	122	132744	41.03	ng	95
28) bis(2-Chloroethoxy)methane	8.37	93	191893	44.77	ng	99
29) 2,4-Dichlorophenol	8.49	162	118687	43.81	ng	# 85
30) 1,2,4-Trichlorobenzene	8.58	180	133220	38.69	ng	98
31) Naphthalene	8.66	128	442781	39.58	ng	99
32) Benzoic acid	8.32	122	49423	40.70	ng	95
33) 4-Chloroaniline	8.70	127	67378	15.52	ng	98
34) Hexachlorobutadiene	8.79	225	73282	38.33	ng	99
35) Caprolactam	9.03	113	34207	39.92	ng	# 61
36) 4-Chloro-3-methylphenol	9.17	107	130144	42.05	ng	92
37) 2-Methylnaphthalene	9.36	142	315044	41.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	132603	37.74	ng	98
40) Hexachlorocyclopentadiene	9.52	237	137947	85.49	ng	97

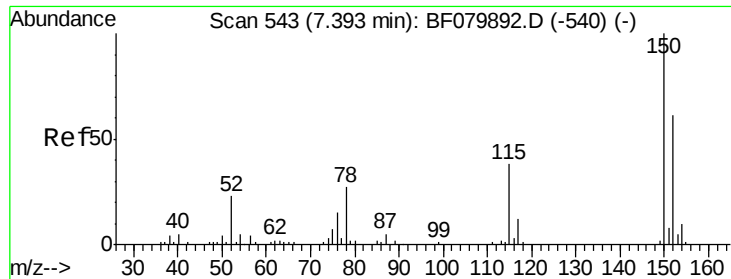
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079997.D
 Acq On : 16 Jun 2015 18:24
 Operator : TP/IZ
 Sample : PB84029BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	82701	38.20	ng	95
43) 2,4,5-Trichlorophenol	9.67	196	98148	41.06	ng	98
45) 1,1'-Biphenyl	9.82	154	342268	40.31	ng	98
46) 2-Chloronaphthalene	9.85	162	286261	39.60	ng	98
47) 2-Nitroaniline	9.93	65	77326	49.63	ng	95
48) Acenaphthylene	10.28	152	483110	39.59	ng	99
49) Dimethylphthalate	10.10	163	307871	36.62	ng	99
50) 2,6-Dinitrotoluene	10.17	165	65239	42.82	ng	98
51) Acenaphthene	10.45	154	290762	41.92	ng	96
52) 3-Nitroaniline	10.34	138	43028	24.54	ng	87
53) 2,4-Dinitrophenol	10.45	184	39237	101.24	ng	# 1
54) Dibenzofuran	10.62	168	418917	41.33	ng	98
55) 4-Nitrophenol	10.49	139	109275	81.40	ng	# 64
56) 2,4-Dinitrotoluene	10.58	165	85426	42.56	ng	99
57) Fluorene	10.96	166	311846	35.30	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.73	232	85824	47.38	ng	99
59) Diethylphthalate	10.81	149	333841	39.72	ng	99
60) 4-Chlorophenyl-phenylether	10.95	204	160069	40.58	ng	92
61) 4-Nitroaniline	10.96	138	73771	38.33	ng	92
62) Azobenzene	11.11	77	339786	42.02	ng	96
64) 4,6-Dinitro-2-methylphenol	11.00	198	33642	68.36	ng	92
65) n-Nitrosodiphenylamine	11.06	169	292665	45.35	ng	99
66) 4-Bromophenyl-phenylether	11.45	248	86919	38.80	ng	# 90
67) Hexachlorobenzene	11.53	284	95665	39.14	ng	# 84
68) Atrazine	11.58	200	81973	41.27	ng	93
69) Pentachlorophenol	11.72	266	105481	90.87	ng	96
70) Phenanthrene	11.94	178	501876	42.12	ng	100
71) Anthracene	11.99	178	489798	42.48	ng	100
72) Carbazole	12.14	167	424466	37.96	ng	# 97
73) Di-n-butylphthalate	12.47	149	501415	41.16	ng	100
74) Fluoranthene	13.19	202	521874	39.62	ng	99
76) Benzidine	13.31	184	389115	64.52	ng	100
77) Pyrene	13.44	202	546335	39.94	ng	99
79) Butylbenzylphthalate	14.13	149	208979	45.25	ng	99
80) Benzo(a)anthracene	14.83	228	531188	38.41	ng	99
81) 3,3'-Dichlorobenzidine	14.77	252	134497	30.42	ng	# 97
82) Chrysene	14.87	228	491115	40.03	ng	99
83) Bis(2-ethylhexyl)phthalate	14.80	149	322758	43.66	ng	98
84) Di-n-octyl phthalate	15.59	149	529139	43.89	ng	100
85) Indeno(1,2,3-cd)pyrene	18.57	276	553694	38.23	ng	98
87) Benzo(b)fluoranthene	16.21	252	506710	39.06	ng	98
88) Benzo(k)fluoranthene	16.16	252	510591	38.60	ng	98
89) Benzo(a)pyrene	16.63	252	500492	40.57	ng	97
90) Dibenzo(a,h)anthracene	18.61	278	463441	38.22	ng	97
91) Benzo(g,h,i)perylene	19.15	276	476043	37.94	ng	95

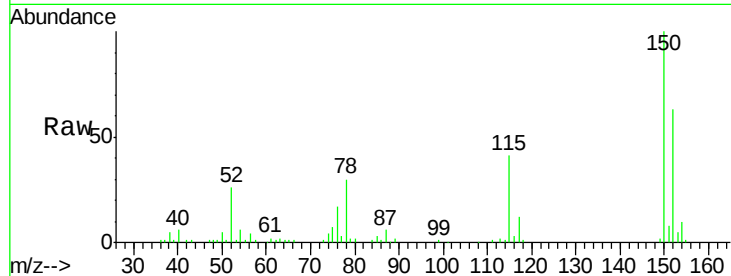
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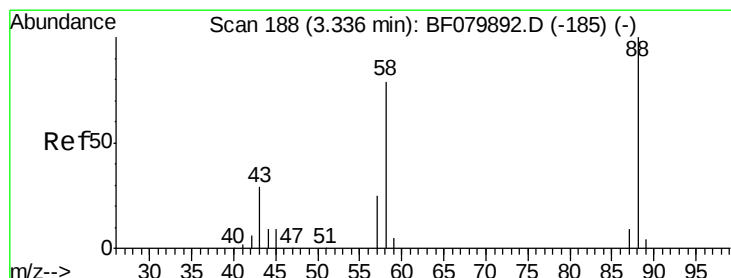
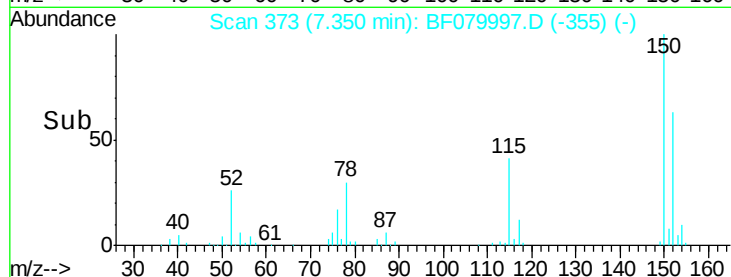
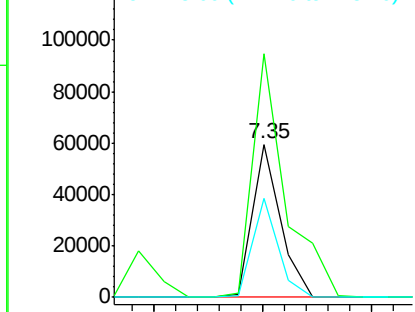
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:152 Resp: 52745
 Ion Ratio Lower Upper
 152 100
 150 159.4 131.0 196.4
 115 65.0 49.8 74.6

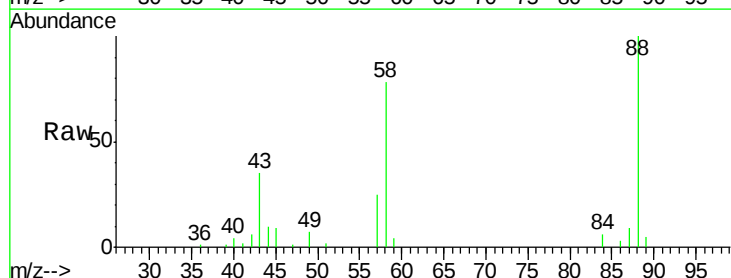


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

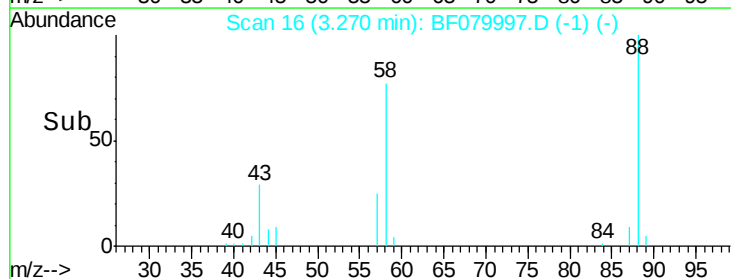
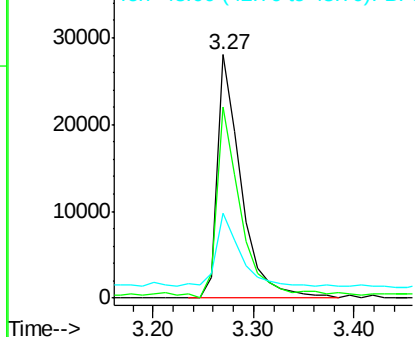


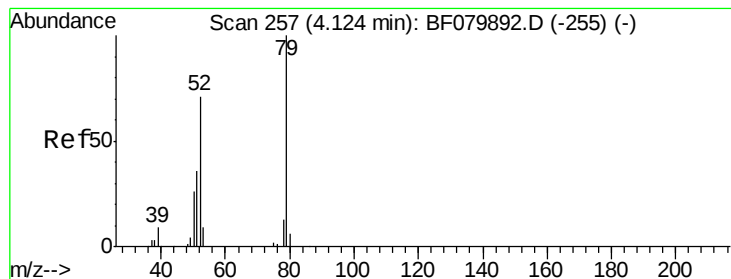
#2
 1,4-Dioxane
 Concen: 34.92 ng
 RT: 3.27 min Scan# 16
 Delta R.T. 0.02 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion: 88 Resp: 45694
 Ion Ratio Lower Upper
 88 100
 58 75.3 63.0 94.4
 43 31.5 23.2 34.8



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

Pyridine

Concen: 38.97 ng

RT: 4.07 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

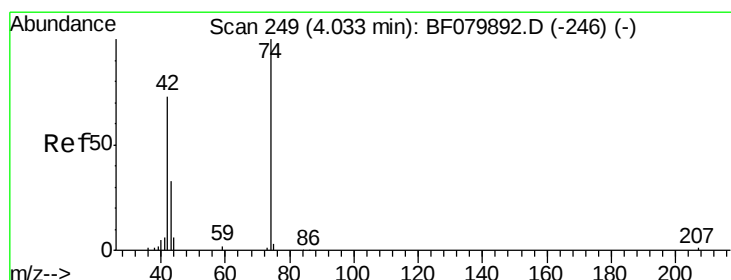
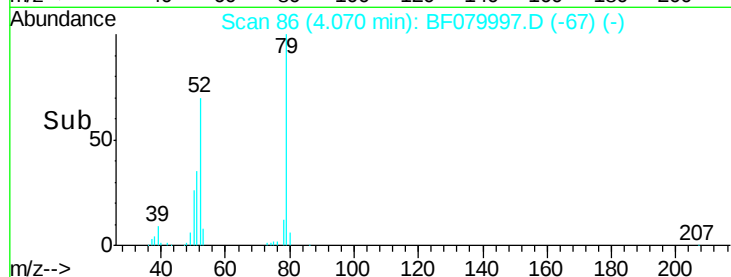
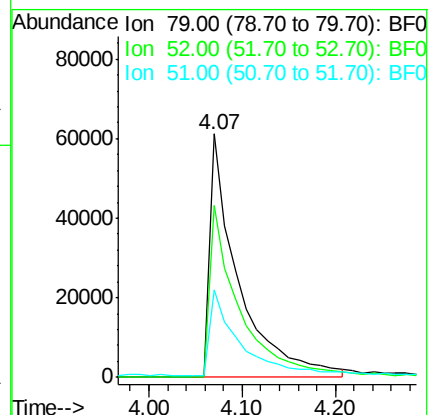
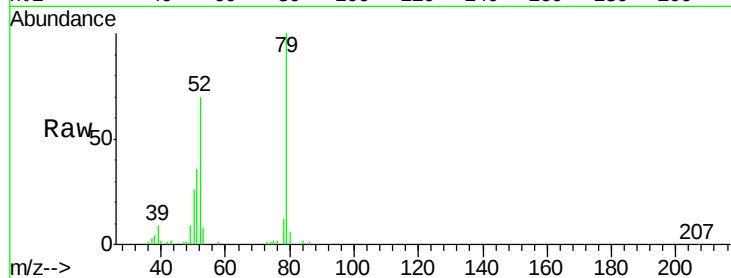
Tgt Ion: 79 Resp: 130672

Ion Ratio Lower Upper

79 100

52 70.4 56.7 85.1

51 36.0 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 42.29 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

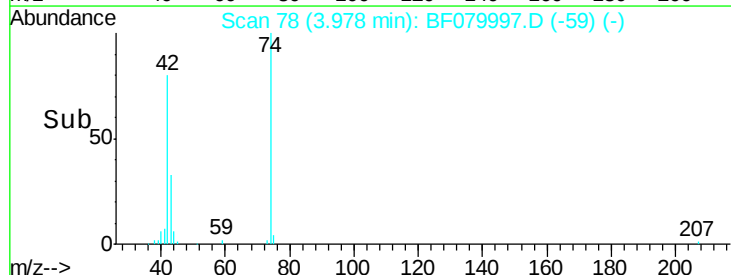
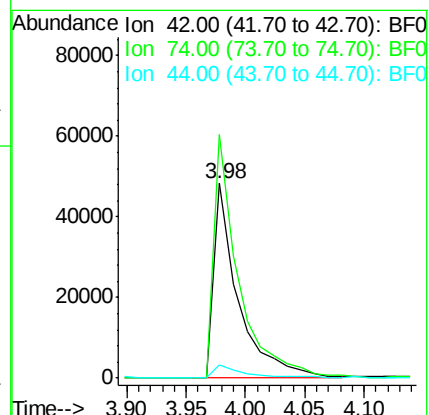
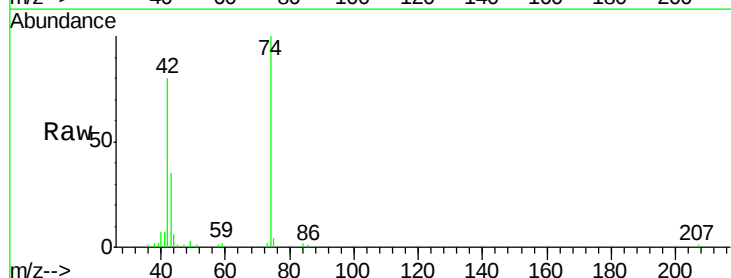
Tgt Ion: 42 Resp: 69891

Ion Ratio Lower Upper

42 100

74 124.9 109.0 163.6

44 6.9 7.7 11.5#





#5

2-Fluorophenol

Concen: 140.06 ng

RT: 5.97 min Scan# 252

Delta R.T. 0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

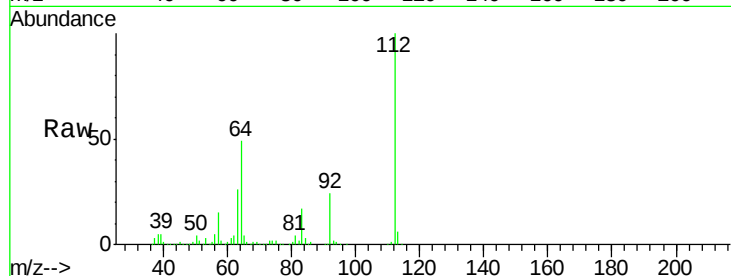
Tgt Ion: 112 Resp: 402881

Ion Ratio Lower Upper

112 100

64 49.3 54.5 81.7#

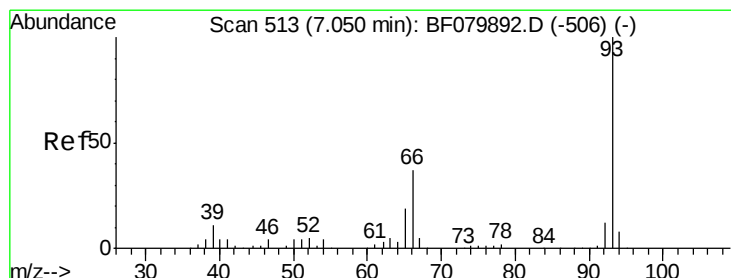
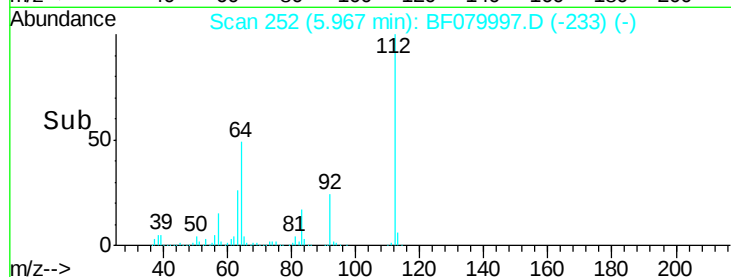
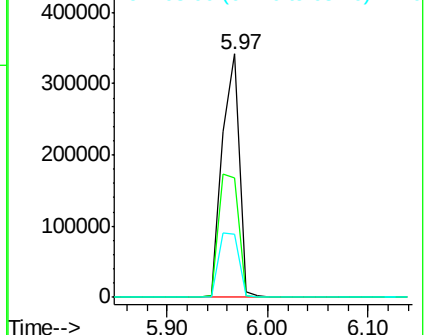
63 25.7 27.9 41.9#



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: 23.65 ng

RT: 7.01 min Scan# 343

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

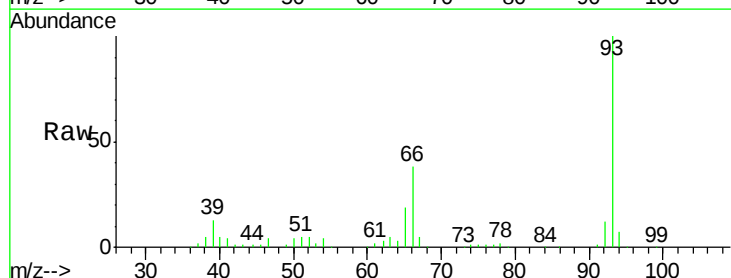
Tgt Ion: 93 Resp: 134149

Ion Ratio Lower Upper

93 100

66 37.5 29.4 44.0

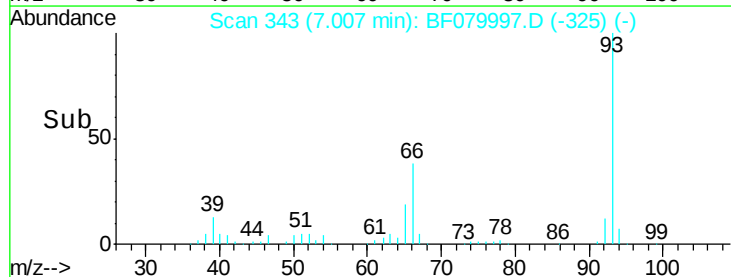
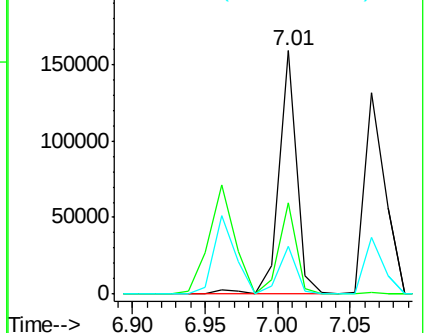
65 19.5 14.9 22.3

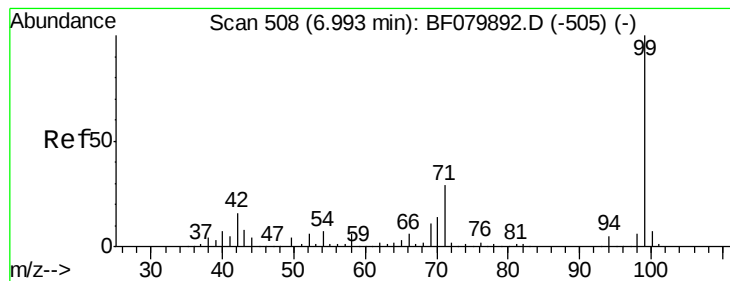


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.90 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

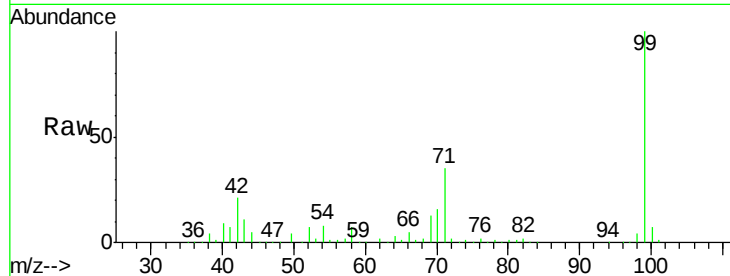
Tgt Ion: 99 Resp: 509080

Ion Ratio Lower Upper

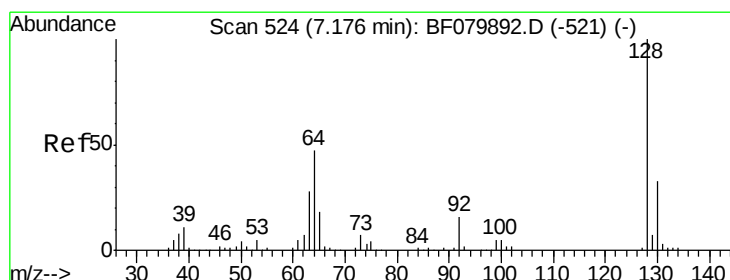
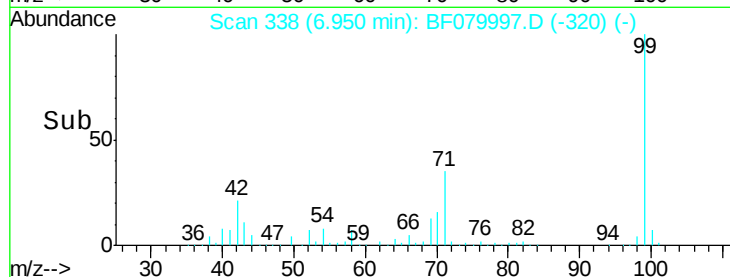
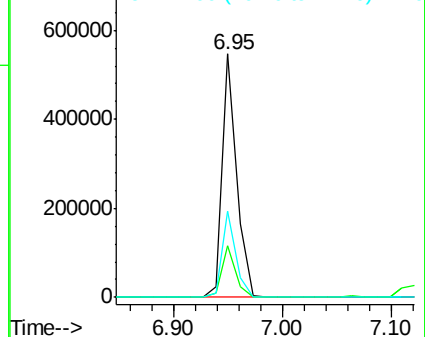
99 100

42 21.3 12.9 19.3#

71 35.4 23.4 35.2#



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: 42.42 ng

RT: 7.13 min Scan# 354

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

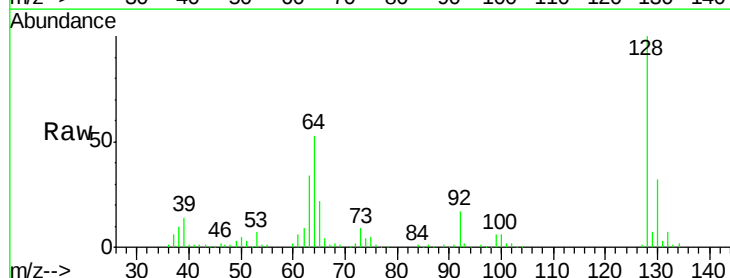
Tgt Ion: 128 Resp: 148300

Ion Ratio Lower Upper

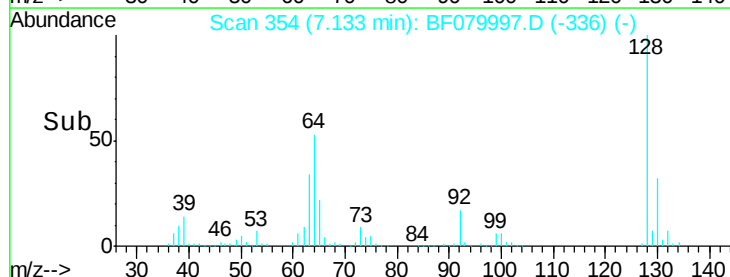
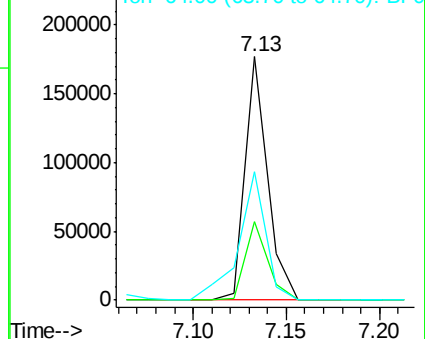
128 100

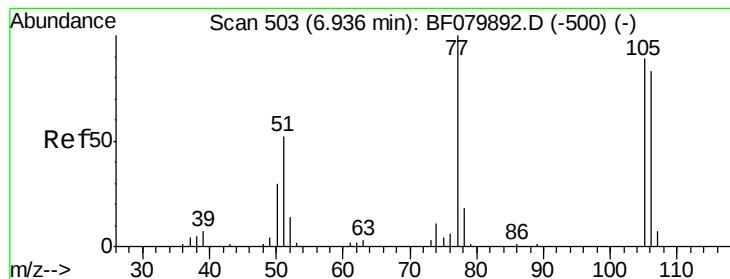
130 32.3 13.1 53.1

64 52.9 26.8 66.8



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: 36.55 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

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PB84029BS

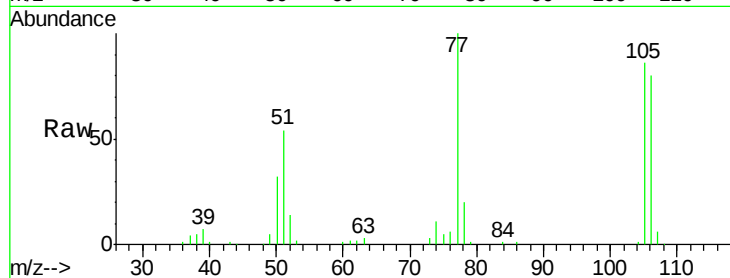
Tgt Ion: 77 Resp: 82338

Ion Ratio Lower Upper

77 100

105 85.9 68.6 108.6

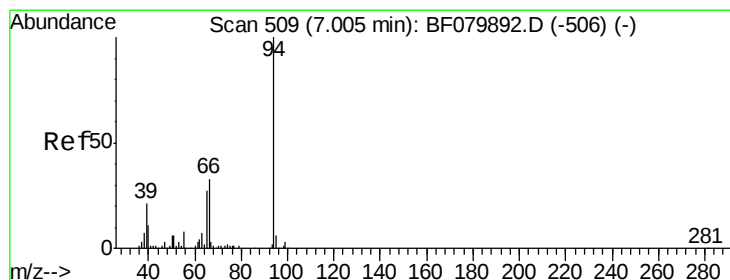
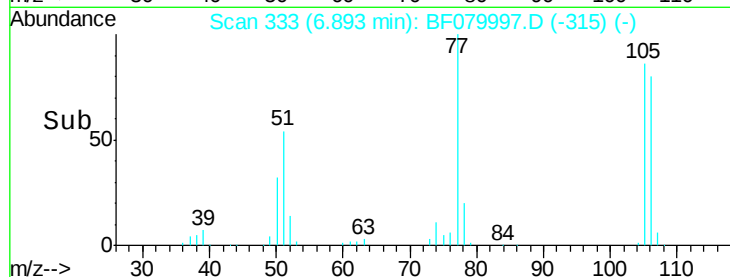
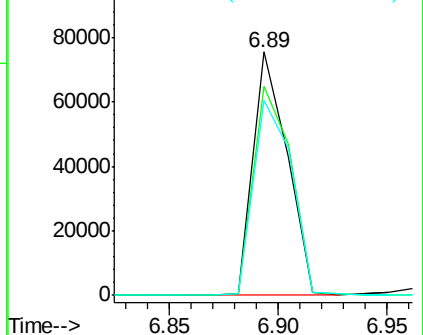
106 80.1 63.3 103.3



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: 39.15 ng

RT: 6.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

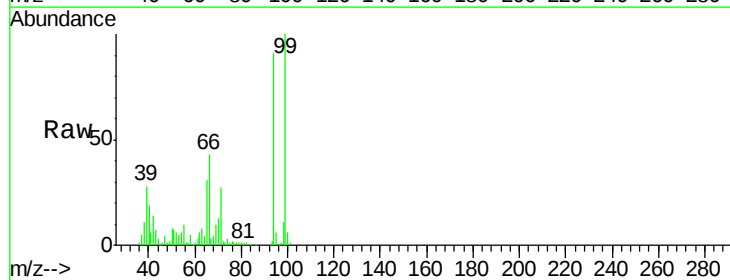
Tgt Ion: 94 Resp: 168751

Ion Ratio Lower Upper

94 100

65 34.3 7.0 47.0

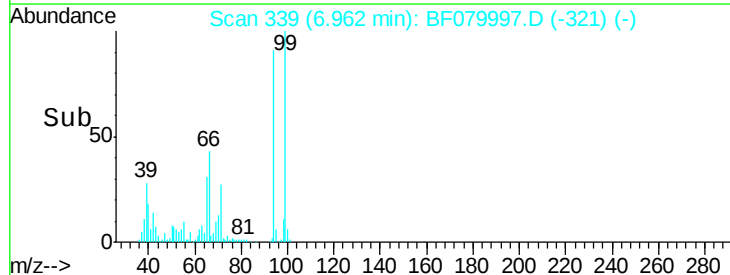
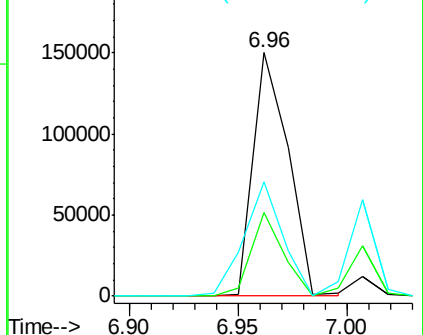
66 47.2 13.3 53.3



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

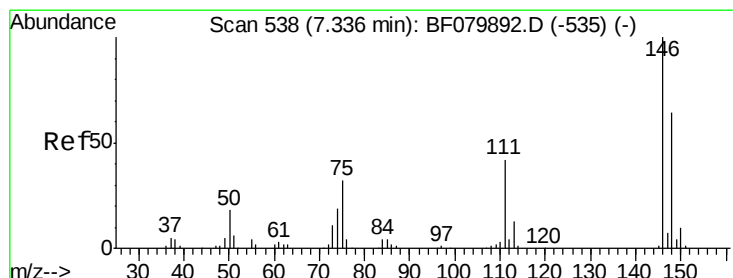
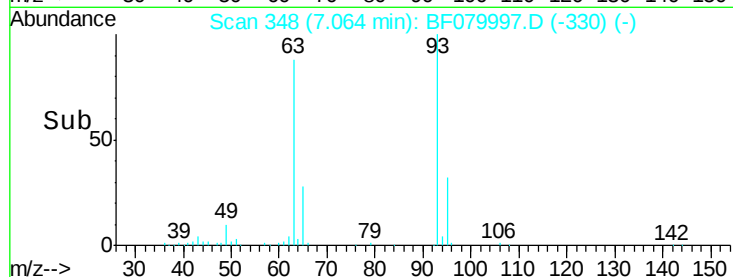
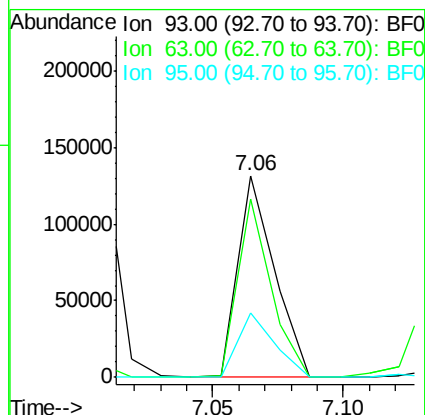
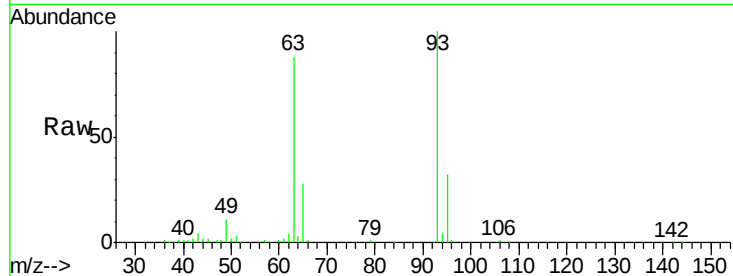




#11
bis(2-Chloroethyl)ether
Concen: 37.39 ng
RT: 7.06 min Scan# 348
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

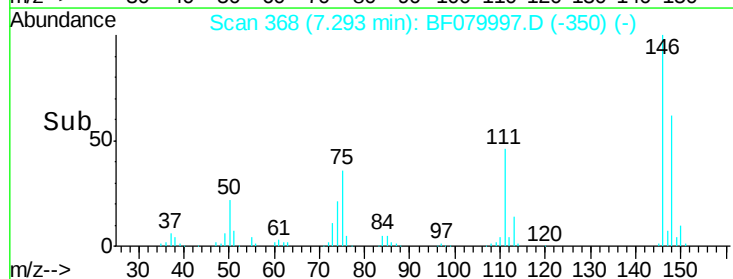
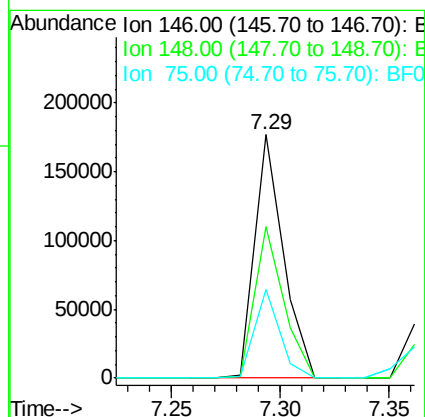
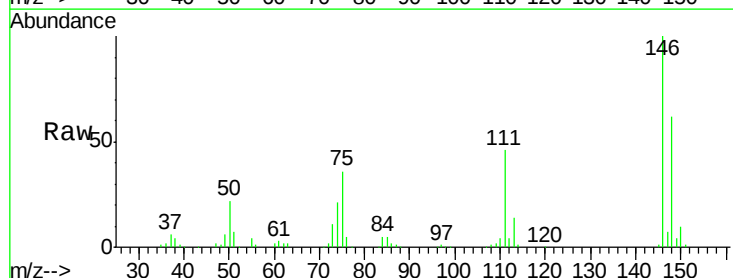
Instrument :
BNA_F
ClientSampleId :
PB84029BS

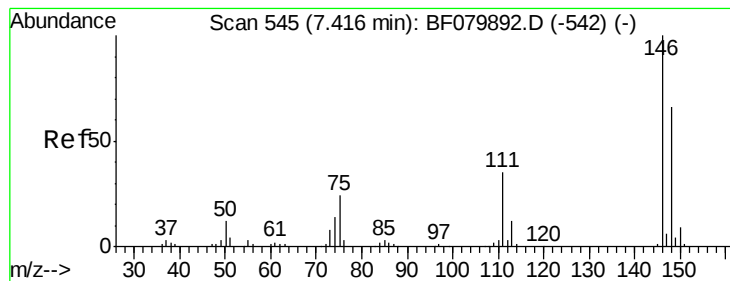
Tgt Ion:	93	Resp:	129688
Ion	Ratio	Lower	Upper
93	100		
63	88.4	58.7	98.7
95	32.1	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 39.74 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:	146	Resp:	162087
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
75	36.4	25.8	38.6

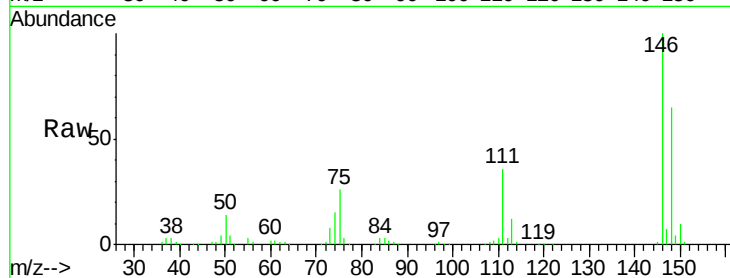




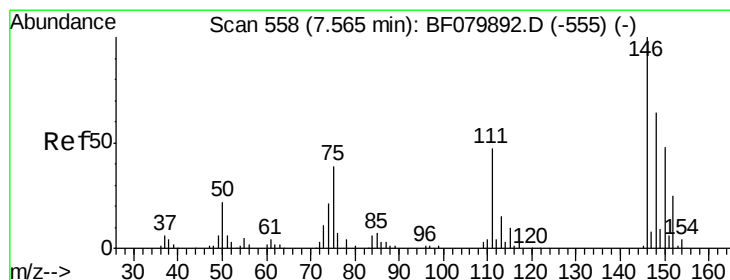
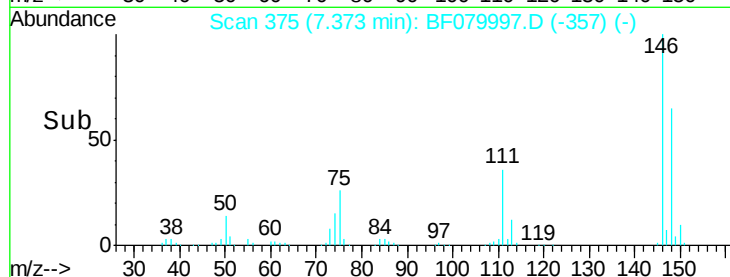
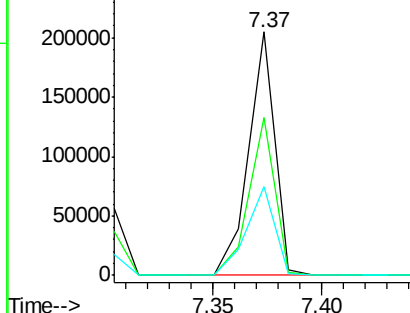
#13
 1,4-Dichlorobenzene
 Concen: 40.28 ng
 RT: 7.37 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:146 Resp: 170628
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.0 79.6
 111 36.5 28.2 42.2

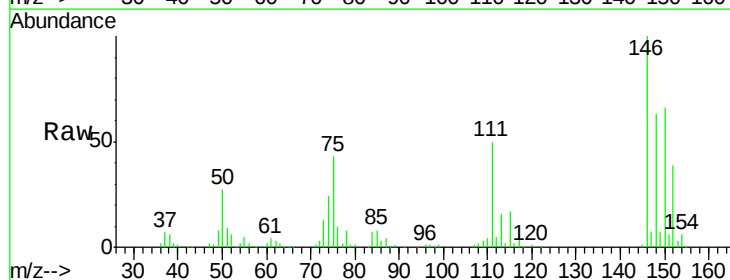


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

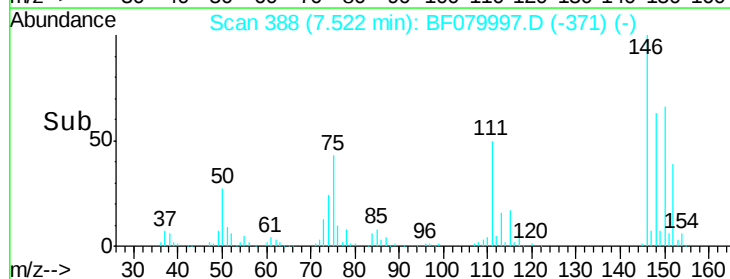
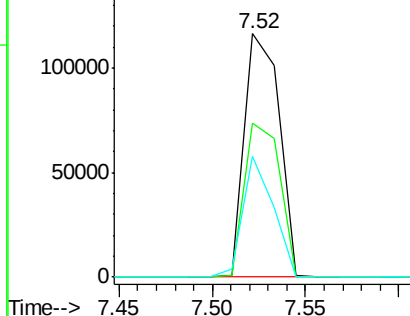


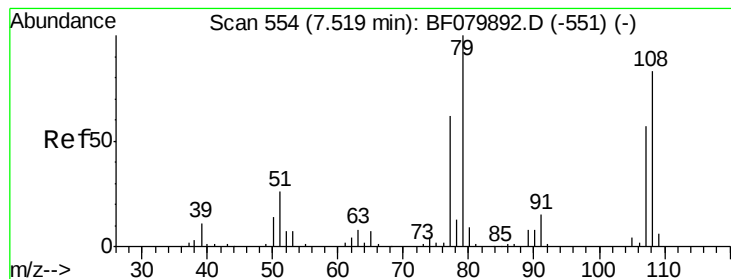
#14
 1,2-Dichlorobenzene
 Concen: 39.90 ng
 RT: 7.52 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:146 Resp: 150109
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 49.6 37.3 55.9



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: 42.82 ng

RT: 7.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

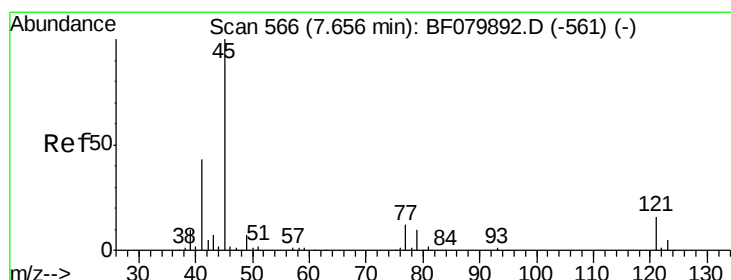
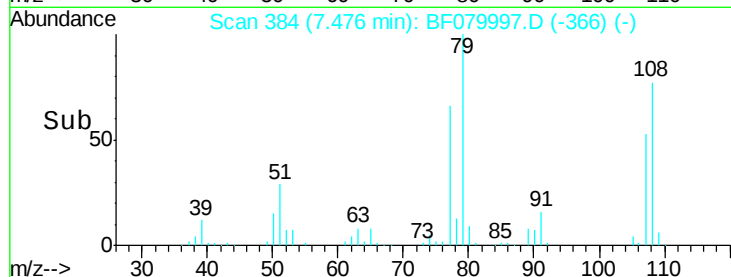
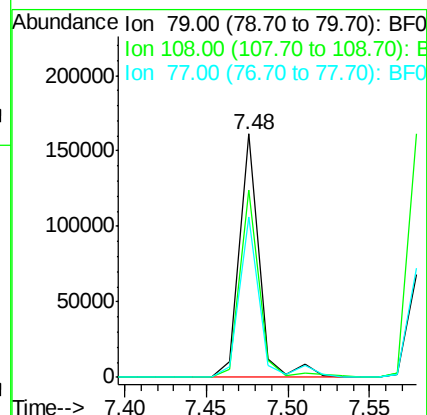
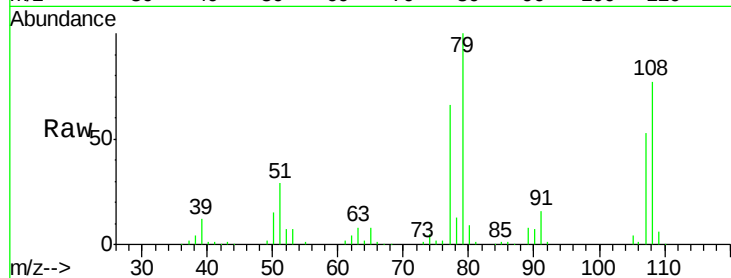
Tgt Ion: 79 Resp: 134534

Ion Ratio Lower Upper

79 100

108 76.9 66.4 99.6

77 65.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.51 ng

RT: 7.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

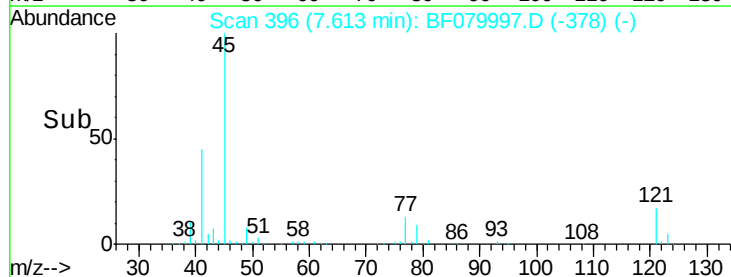
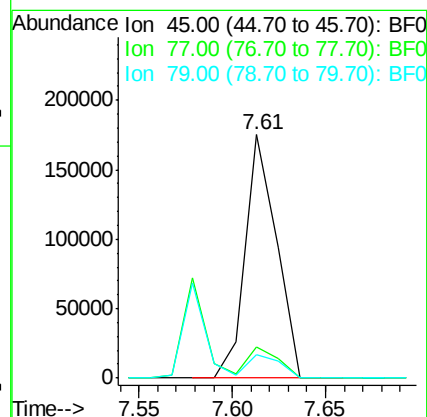
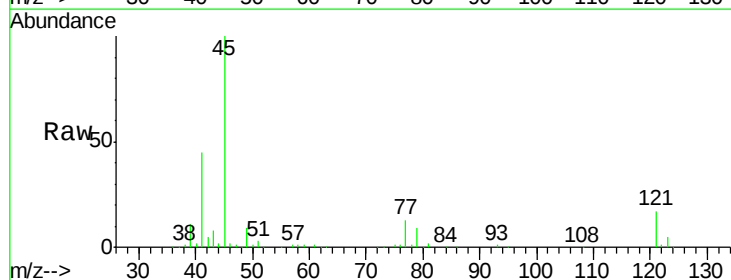
Tgt Ion: 45 Resp: 202957

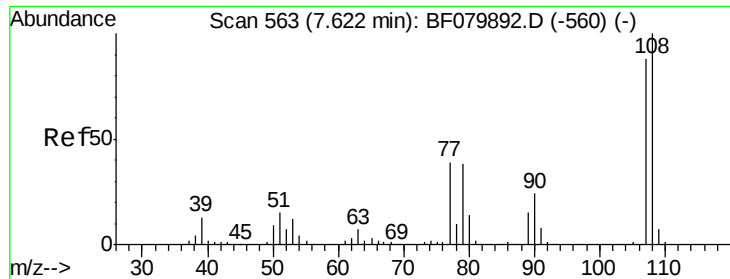
Ion Ratio Lower Upper

45 100

77 12.9 0.0 31.9

79 9.4 0.0 29.6

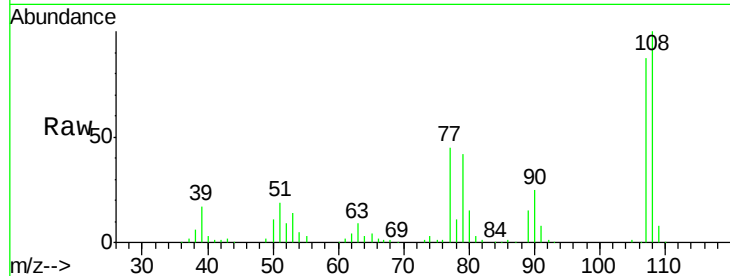




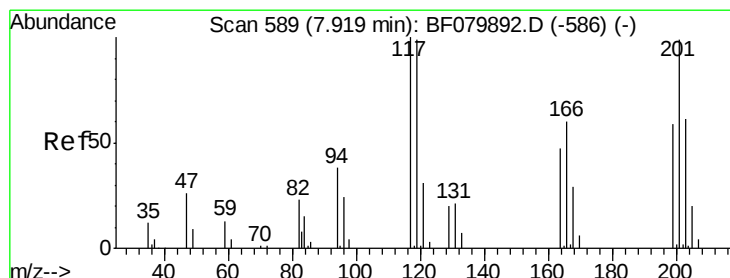
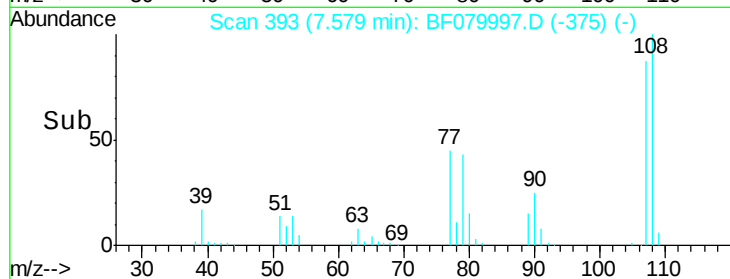
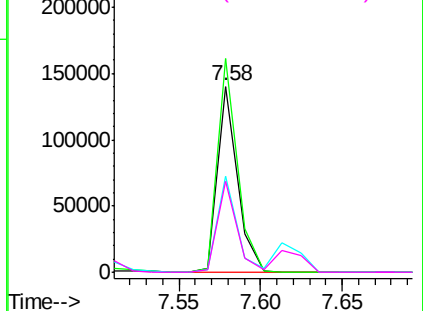
#17
2-Methylphenol
Concen: 38.98 ng
RT: 7.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion:107 Resp: 119068
Ion Ratio Lower Upper
107 100
108 114.8 90.8 136.2
77 51.5 35.4 53.2
79 48.5 34.7 52.1

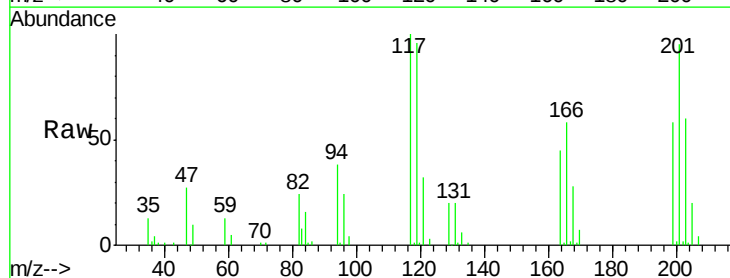


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BF0
150000
Ion 79.00 (78.70 to 79.70): BF0
100000
50000
0

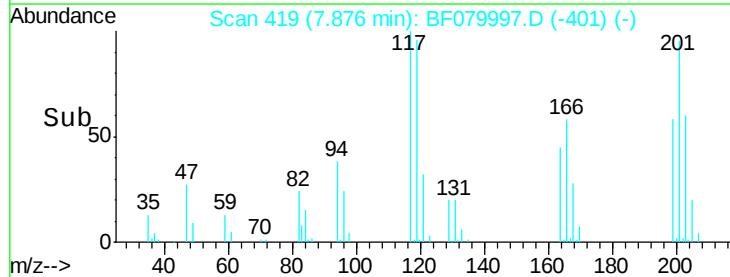
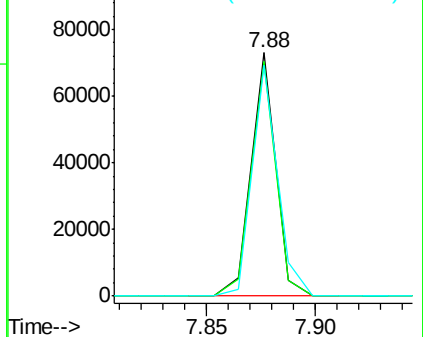


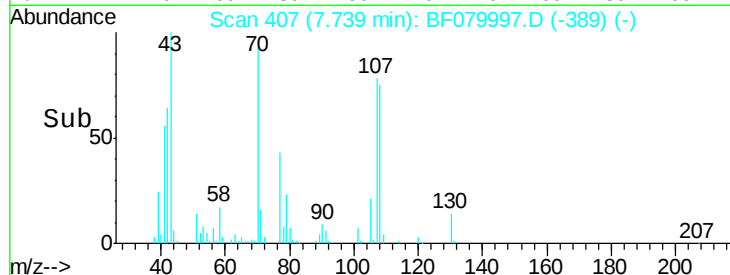
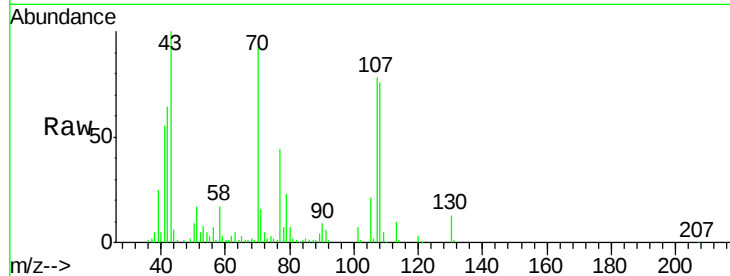
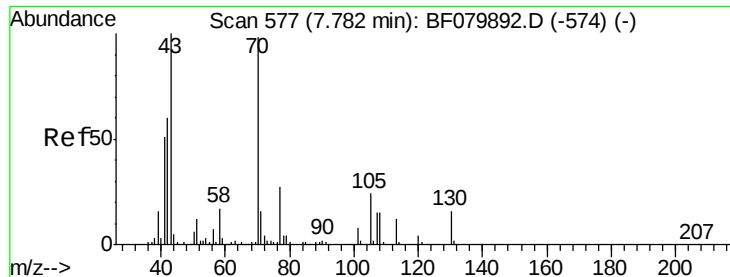
#18
Hexachloroethane
Concen: 43.41 ng
RT: 7.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:117 Resp: 56940
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
201 94.7 79.0 118.6



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
80000
Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0

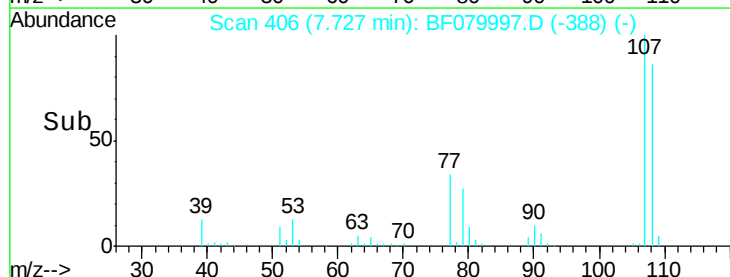
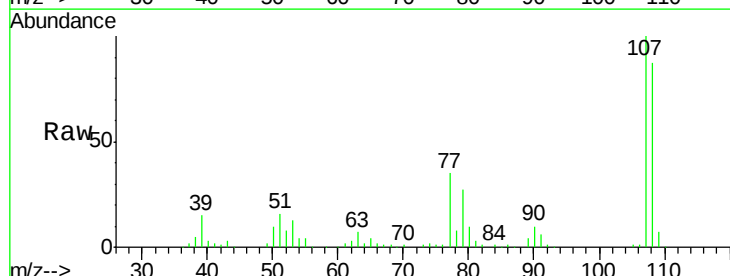
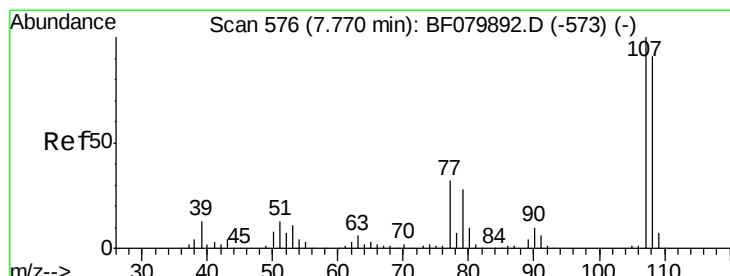
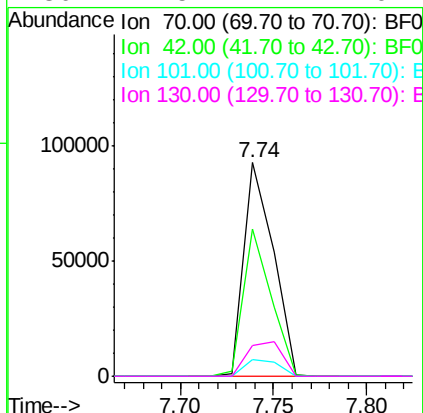




#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 7.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

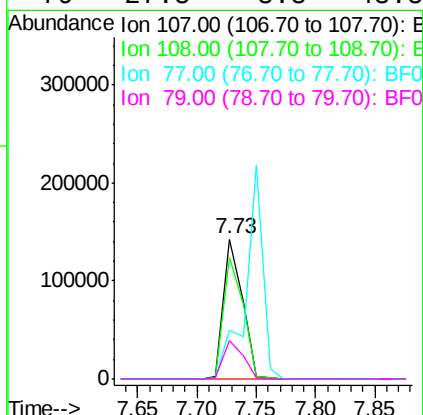
Instrument :
BNA_F
ClientSampleId :
PB84029BS

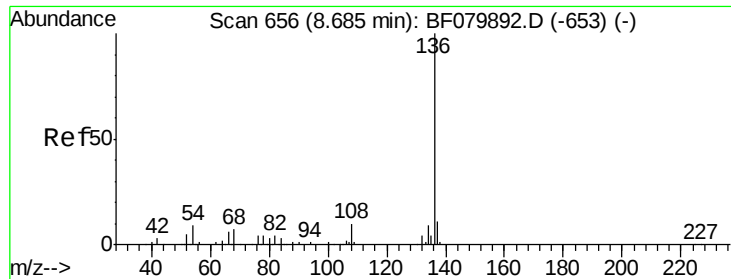
Tgt Ion: 70 Resp: 101266
Ion Ratio Lower Upper
70 100
42 68.7 49.0 73.4
101 8.0 6.6 9.8
130 14.5 12.7 19.1



#20
3+4-Methylphenols
Concen: 40.00 ng
RT: 7.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion: 107 Resp: 156146
Ion Ratio Lower Upper
107 100
108 87.1 71.1 111.1
77 35.1 12.2 52.2
79 27.5 8.5 48.5

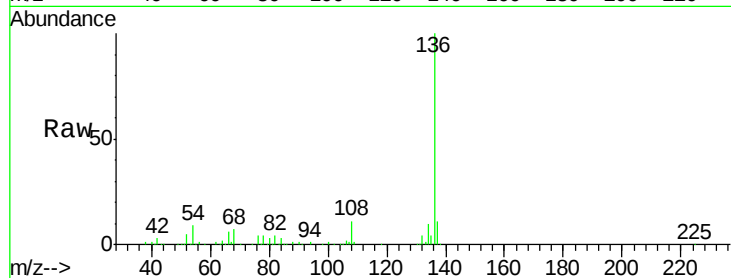




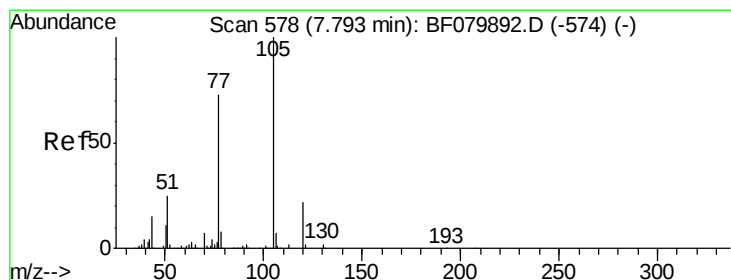
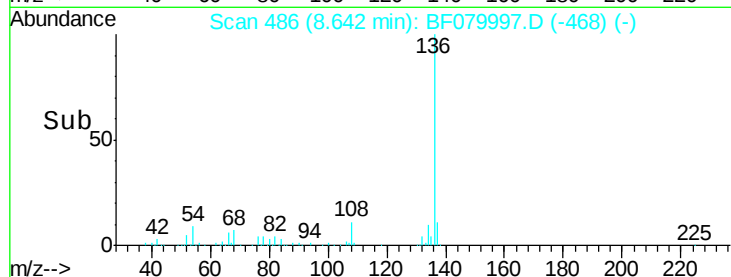
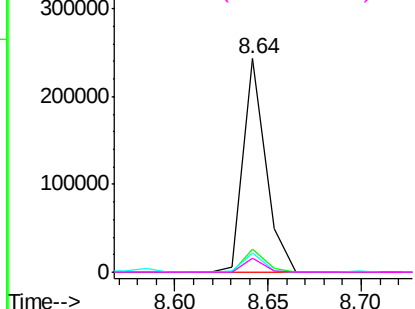
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion:	136	Resp:	204645
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.0	7.3	10.9
68	6.5	5.9	8.9

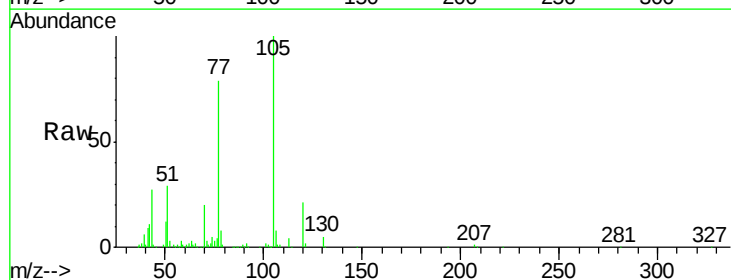


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

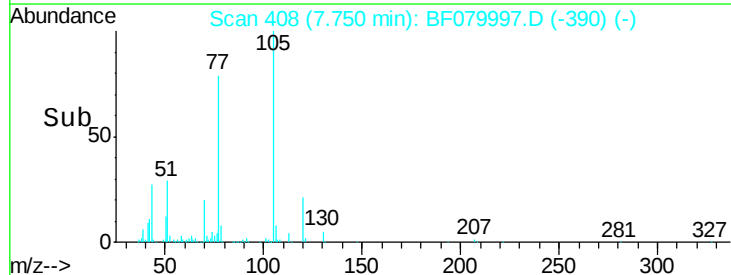
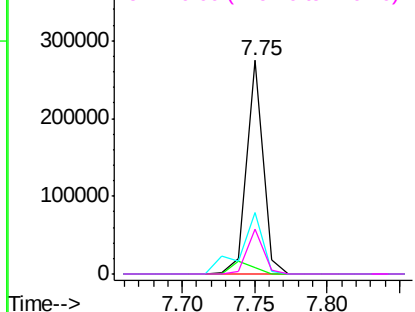


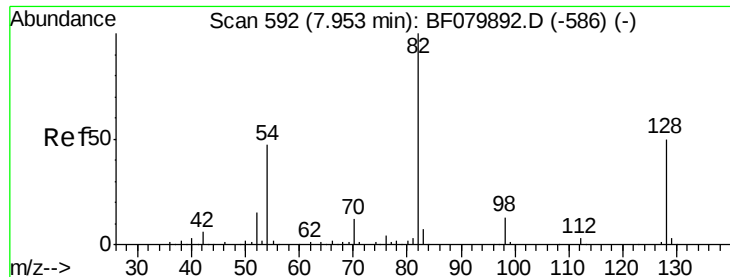
#22
Acetophenone
Concen: 44.73 ng
RT: 7.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:	105	Resp:	216167
Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.0	1.4#
51	28.8	19.8	29.6
120	20.9	17.6	26.4



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

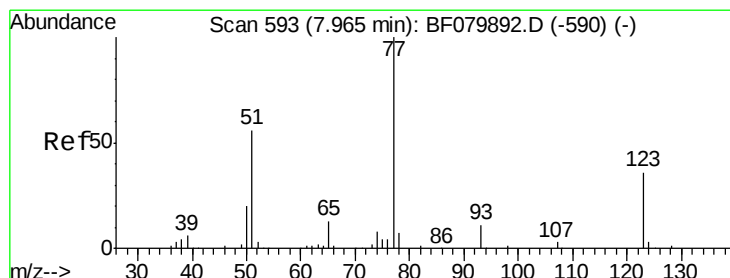
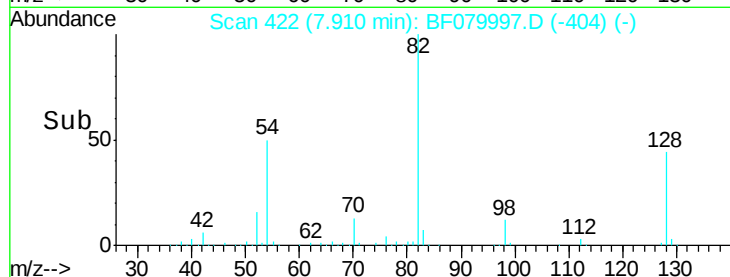
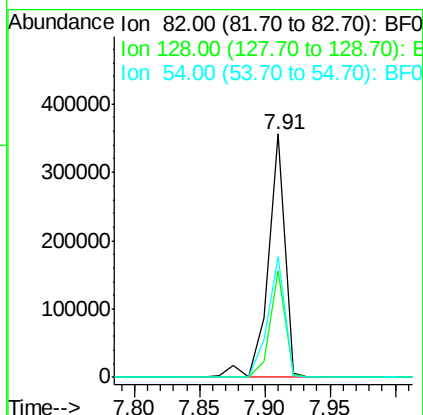
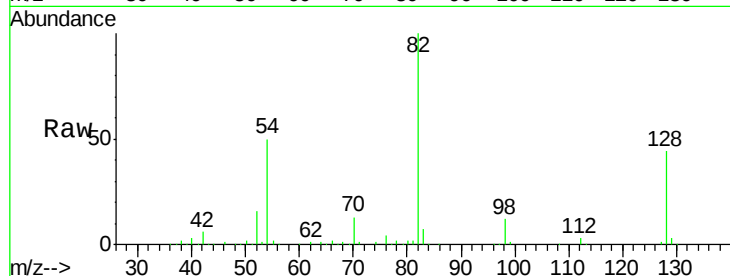




#23
Nitrobenzene-d5
Concen: 103.99 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

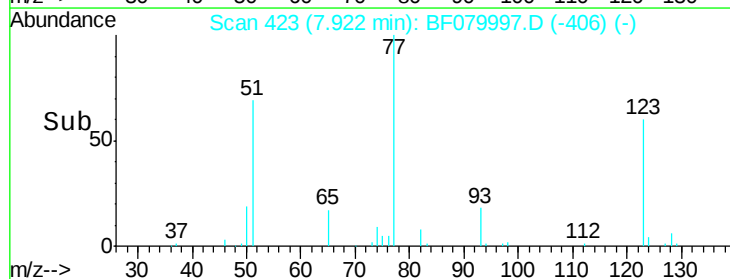
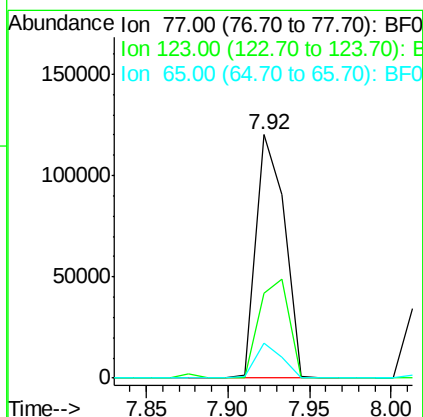
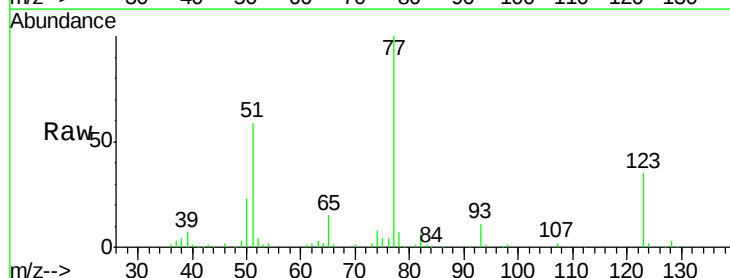
Instrument :
BNA_F
ClientSampleId :
PB84029BS

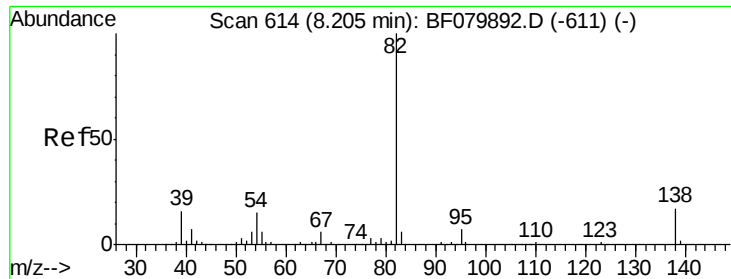
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	40.3	60.5
54	49.5	38.0	57.0



#24
Nitrobenzene
Concen: 44.30 ng
RT: 7.92 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	28.8	43.2
65	14.5	10.3	15.5





#25

Isophorone

Concen: 39.79 ng

RT: 8.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

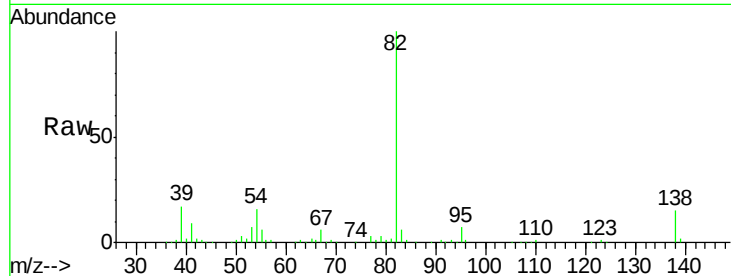
Tgt Ion: 82 Resp: 287174

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

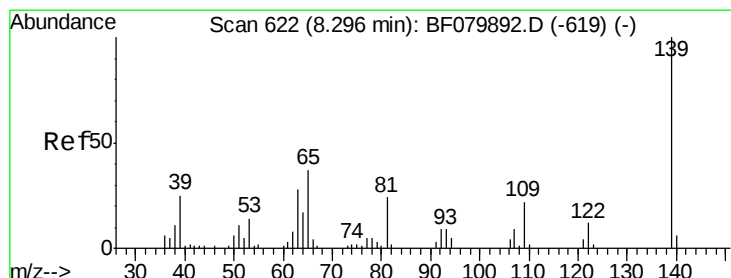
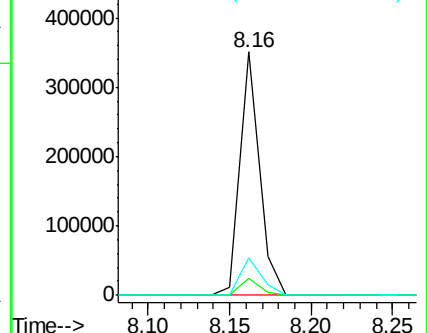
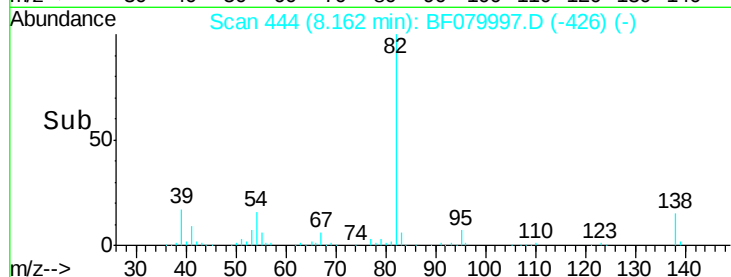
138 15.4 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.95 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

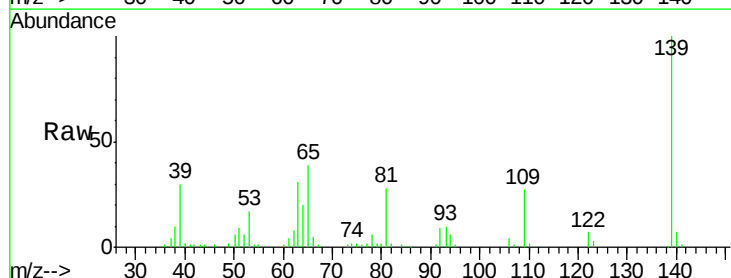
Tgt Ion: 139 Resp: 59302

Ion Ratio Lower Upper

139 100

109 26.8 17.8 26.6#

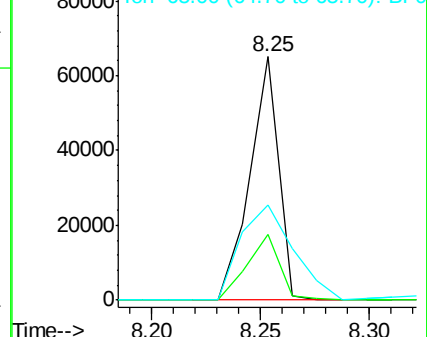
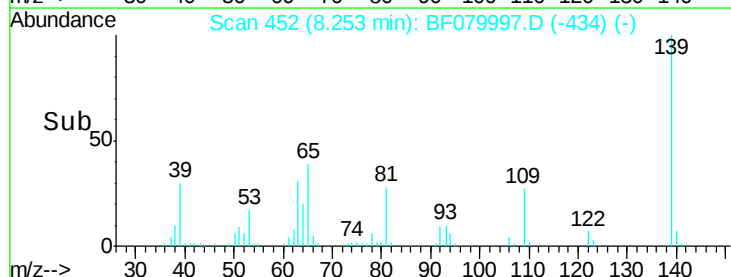
65 39.0 29.4 44.0

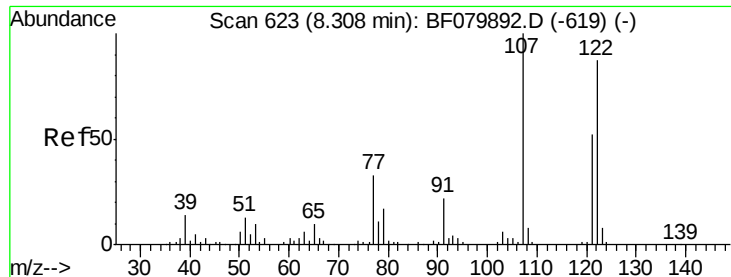


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.03 ng

RT: 8.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

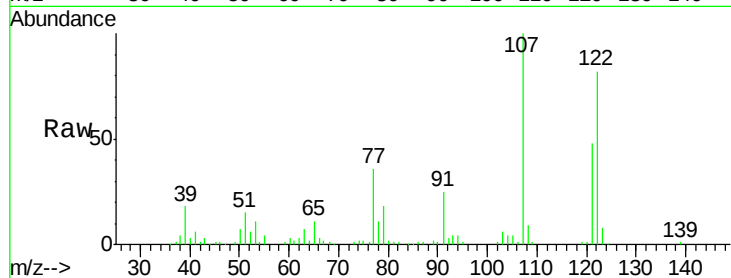
Tgt Ion:122 Resp: 132744

Ion Ratio Lower Upper

122 100

107 122.2 91.7 137.5

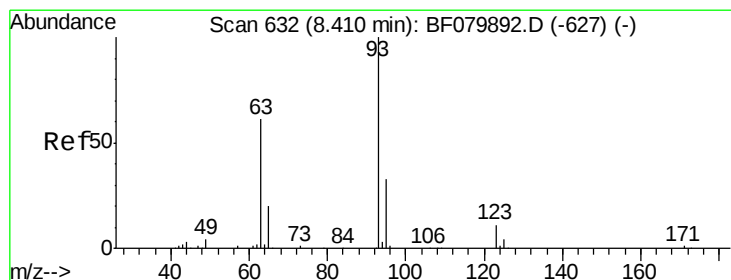
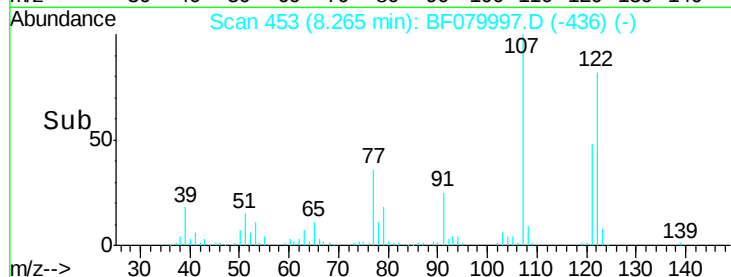
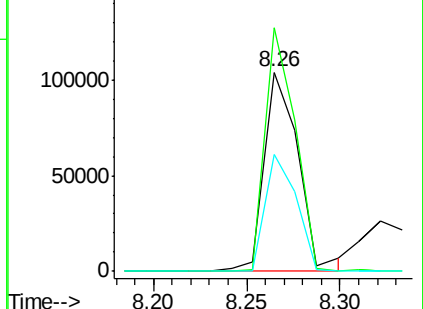
121 58.7 47.8 71.6



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: 44.77 ng

RT: 8.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

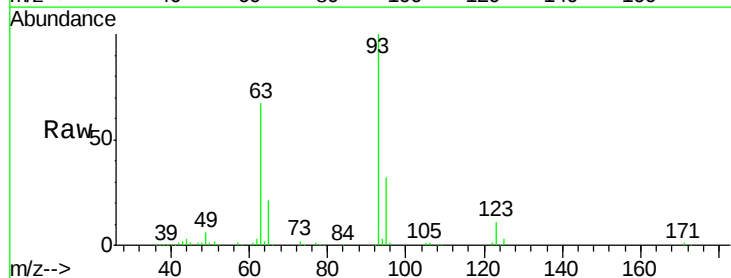
Tgt Ion: 93 Resp: 191893

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

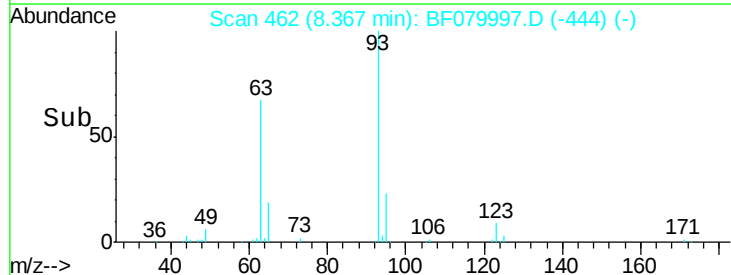
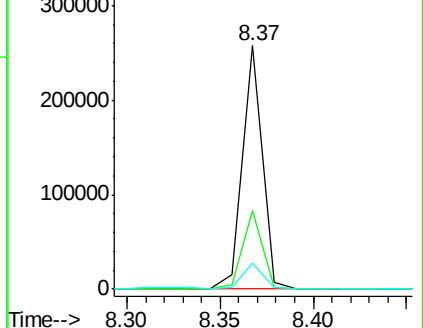
123 10.6 8.9 13.3

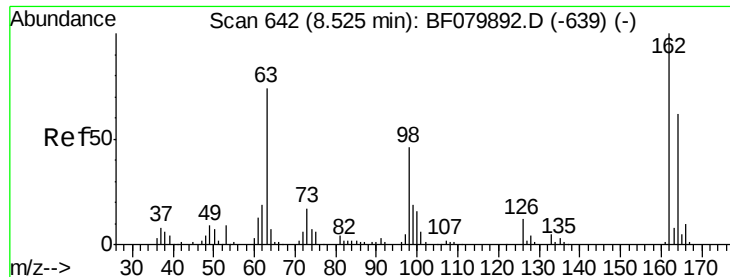


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

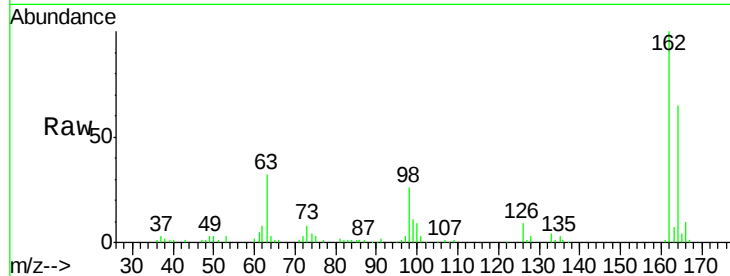




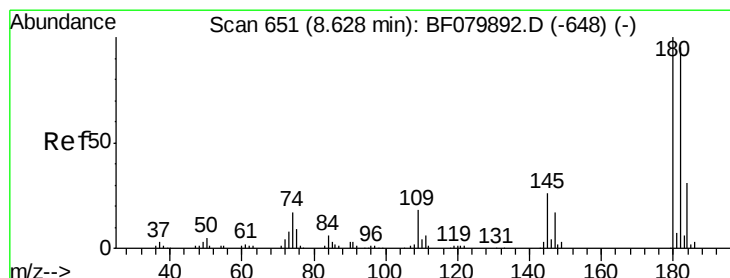
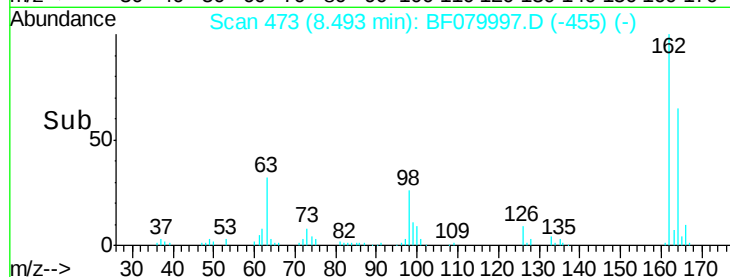
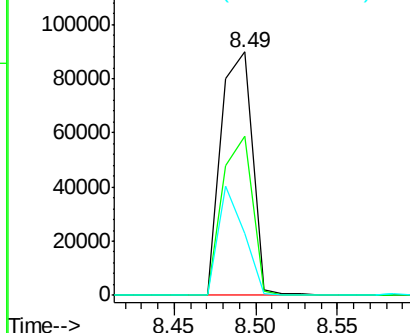
#29
 2,4-Dichlorophenol
 Concen: 43.81 ng
 RT: 8.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:162 Resp: 118687
 Ion Ratio Lower Upper
 162 100
 164 65.3 42.2 82.2
 98 25.6 26.0 66.0#

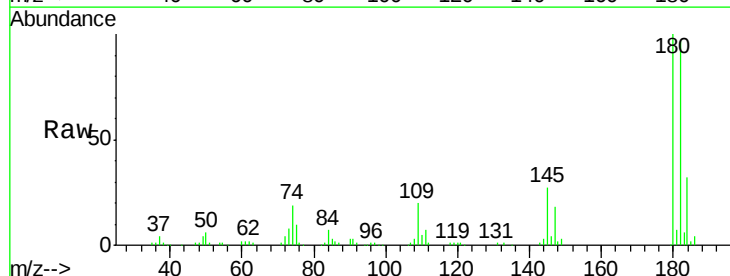


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

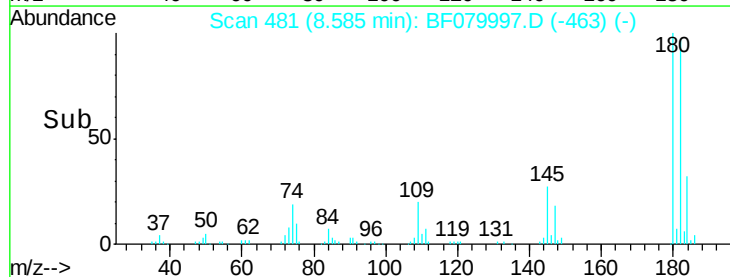
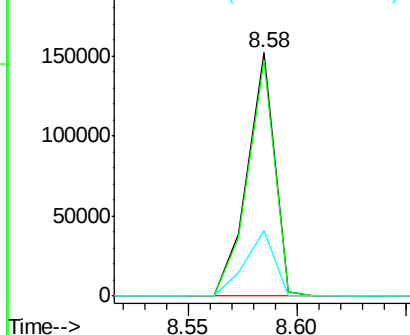


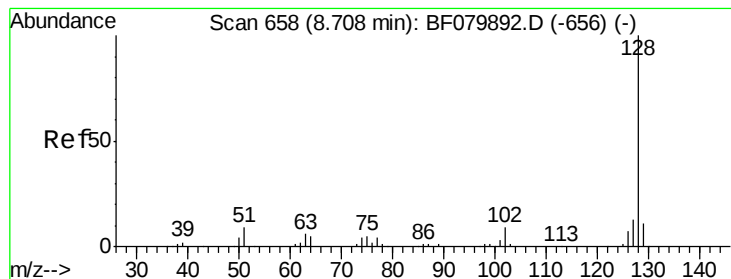
#30
 1,2,4-Trichlorobenzene
 Concen: 38.69 ng
 RT: 8.58 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:180 Resp: 133220
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.7 113.5
 145 27.0 21.1 31.7



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: 39.58 ng

RT: 8.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

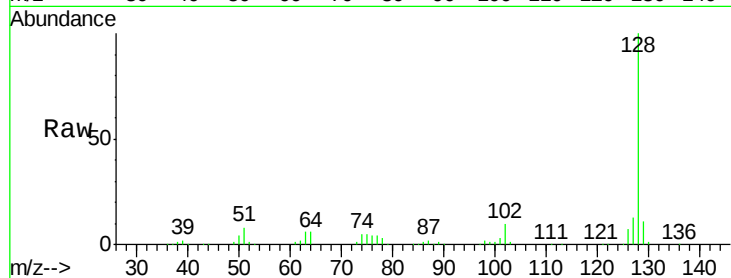
Tgt Ion:128 Resp: 442781

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

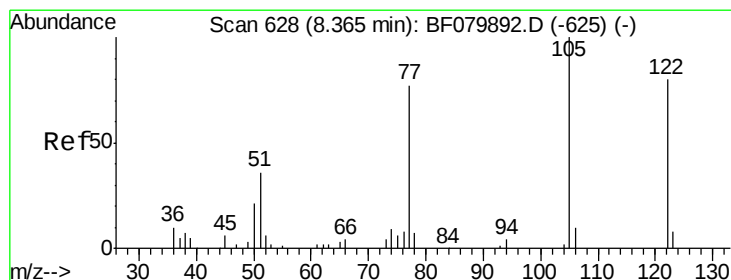
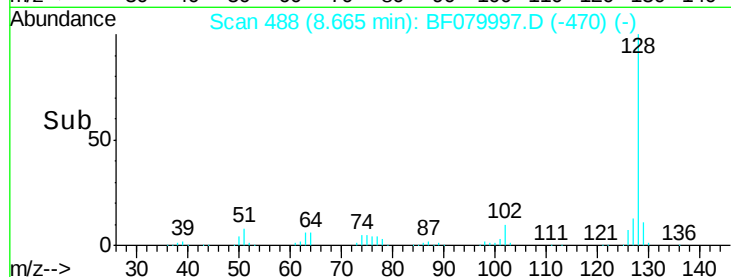
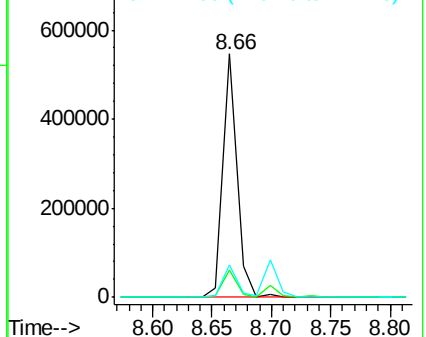
127 13.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.70 ng

RT: 8.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

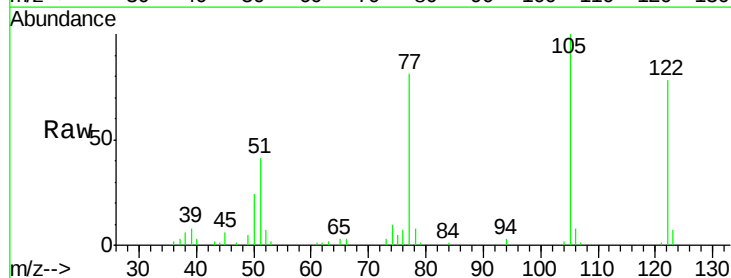
Tgt Ion:122 Resp: 49423

Ion Ratio Lower Upper

122 100

105 127.8 102.7 142.7

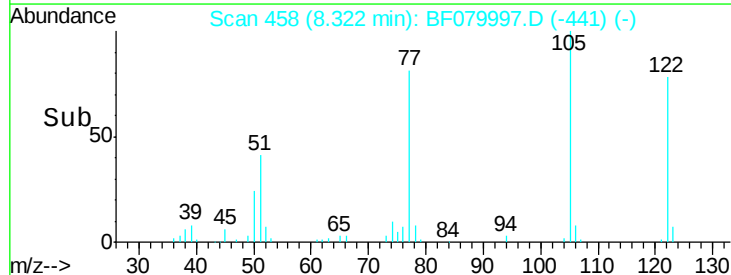
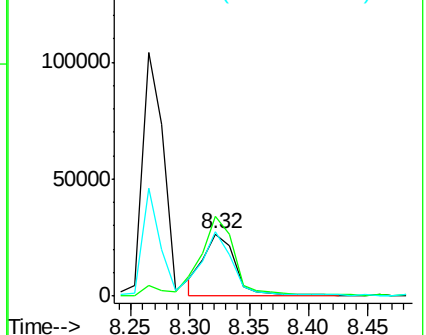
77 103.0 77.1 117.1

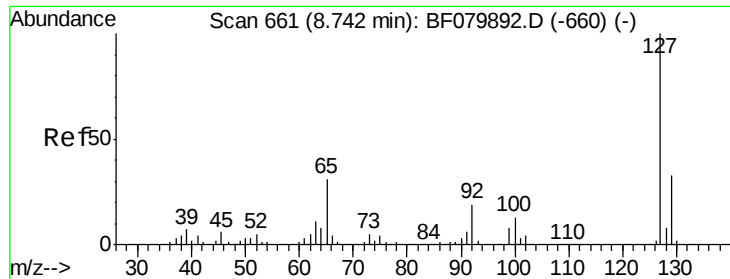


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

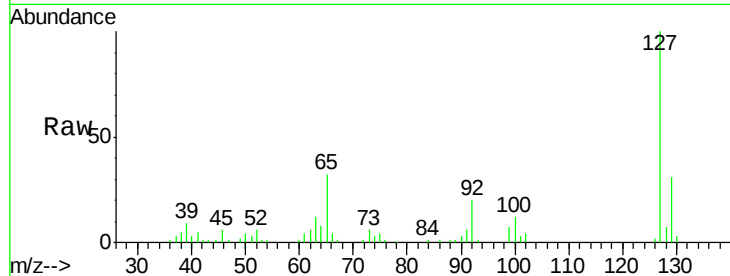




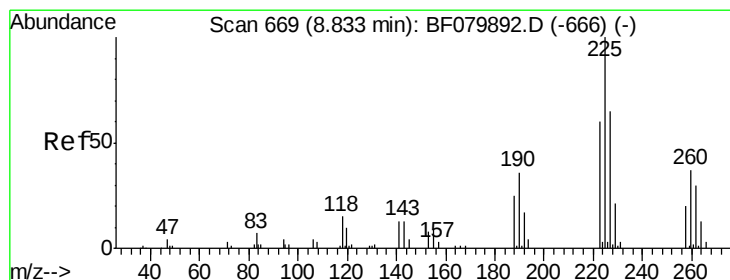
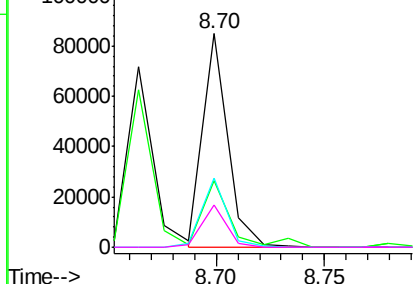
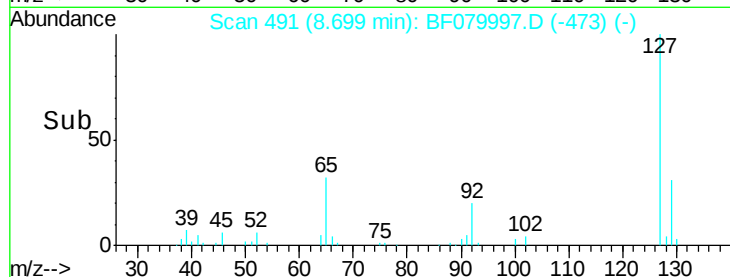
#33
 4-Chloroaniline
 Concen: 15.52 ng
 RT: 8.70 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:	127	Resp:	67378
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.1	39.1
65	32.2	25.5	38.3
92	19.9	15.7	23.5

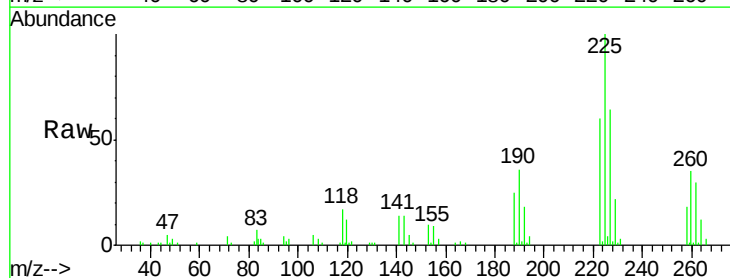


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

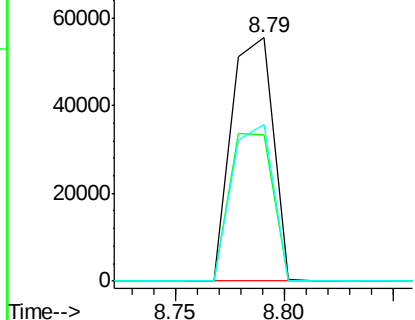
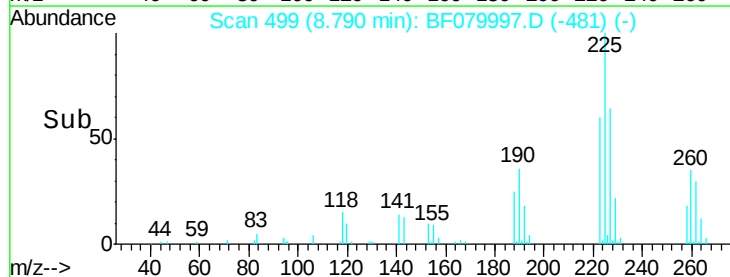


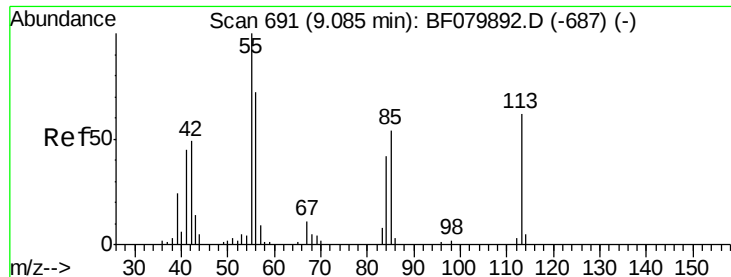
#34
 Hexachlorobutadiene
 Concen: 38.33 ng
 RT: 8.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:	225	Resp:	73282
Ion	Ratio	Lower	Upper
225	100		
223	60.2	47.8	71.6
227	64.2	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

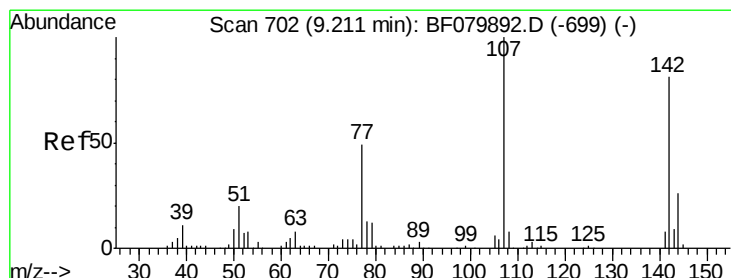
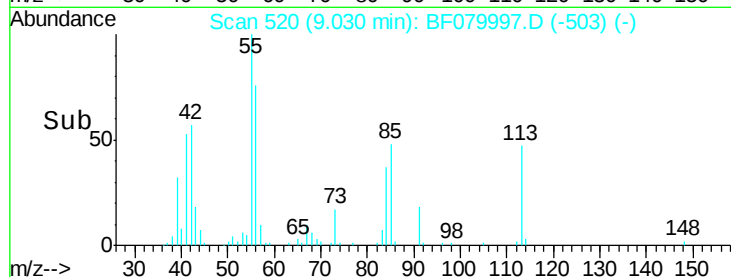
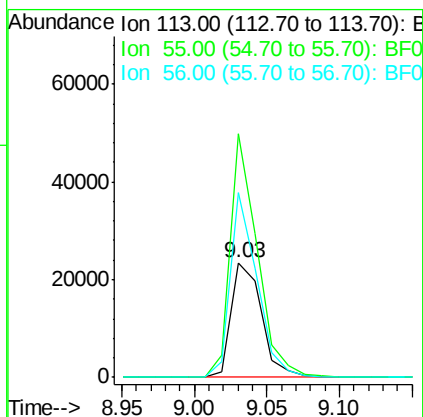
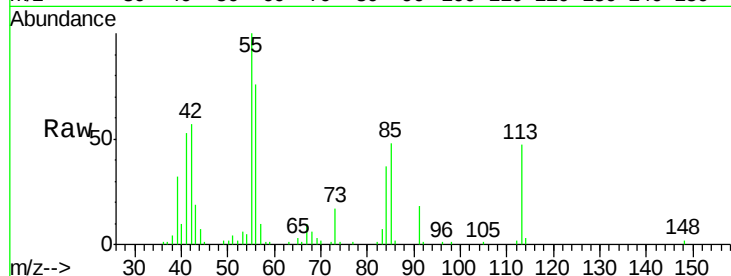




#35
 Caprolactam
 Concen: 39.92 ng
 RT: 9.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

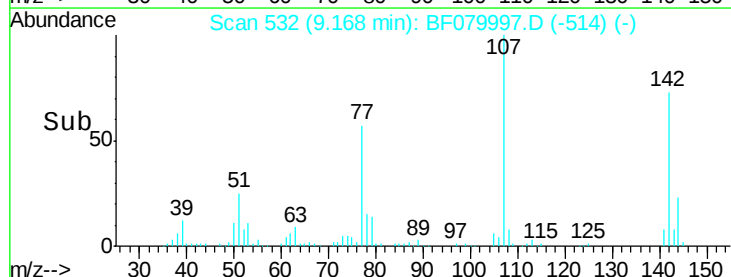
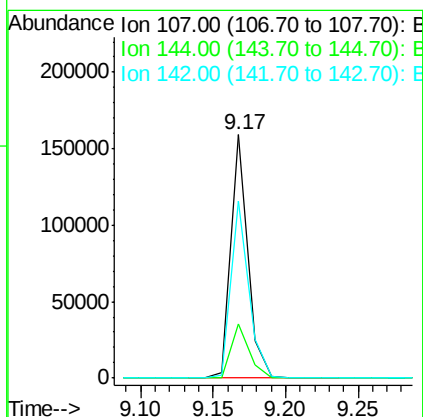
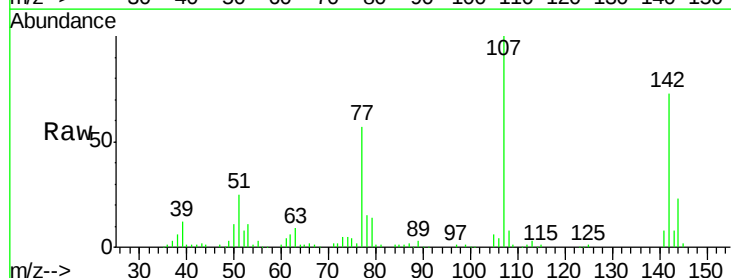
Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

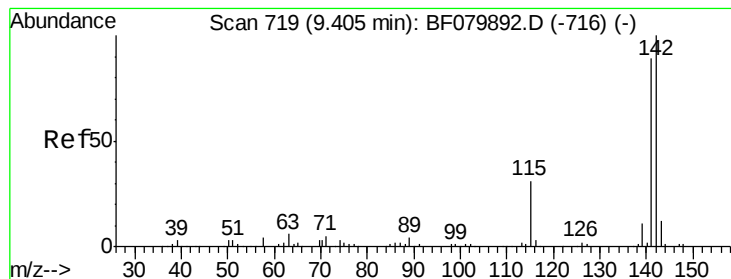
Tgt Ion:113 Resp: 34207
 Ion Ratio Lower Upper
 113 100
 55 212.2 141.4 181.4#
 56 160.8 95.9 135.9#



#36
 4-Chloro-3-methylphenol
 Concen: 42.05 ng
 RT: 9.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:107 Resp: 130144
 Ion Ratio Lower Upper
 107 100
 144 22.5 21.0 31.6
 142 72.9 64.5 96.7





#37

2-Methylnaphthalene

Concen: 41.69 ng

RT: 9.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

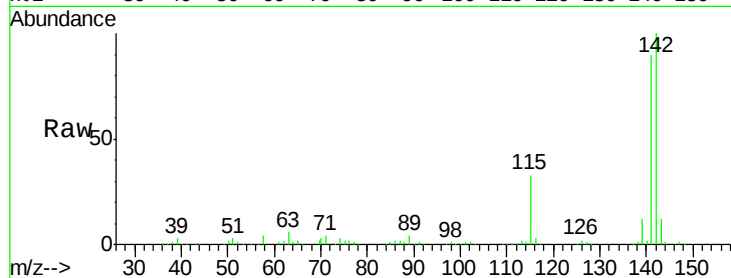
Tgt Ion:142 Resp: 315044

Ion Ratio Lower Upper

142 100

141 90.0 70.9 106.3

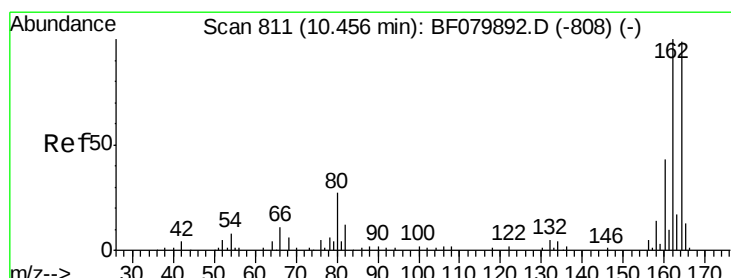
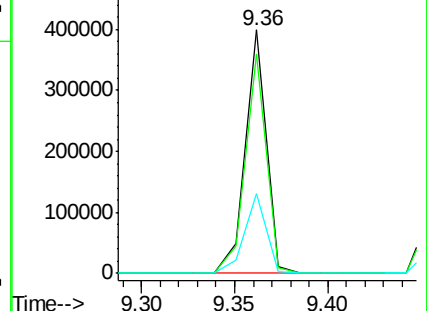
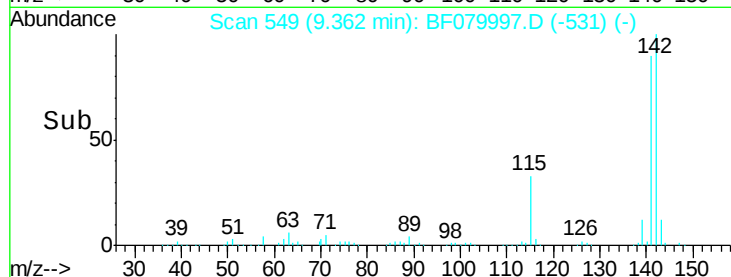
115 32.5 25.0 37.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

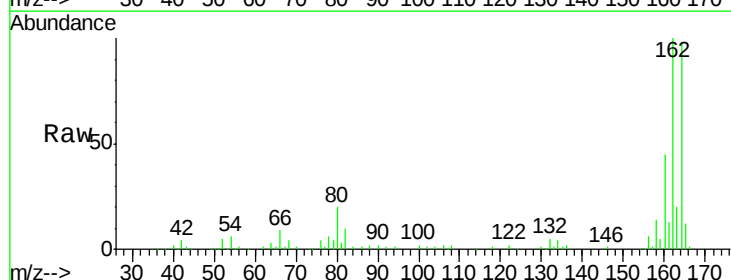
Tgt Ion:164 Resp: 104924

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

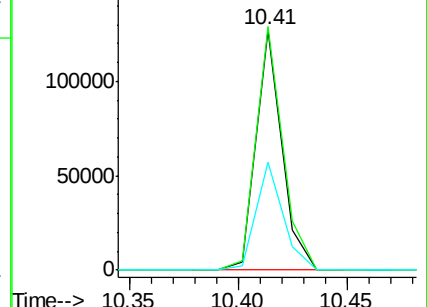
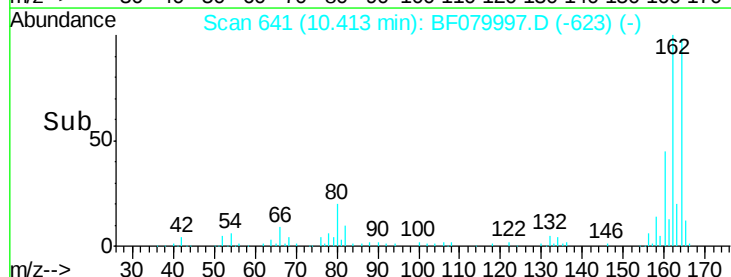
160 45.2 34.6 51.8

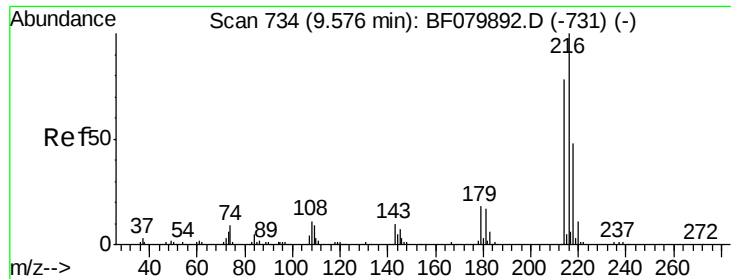


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

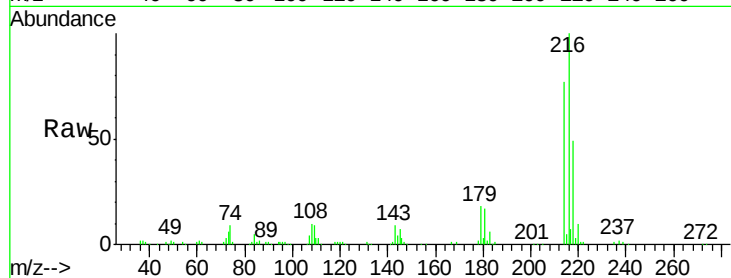




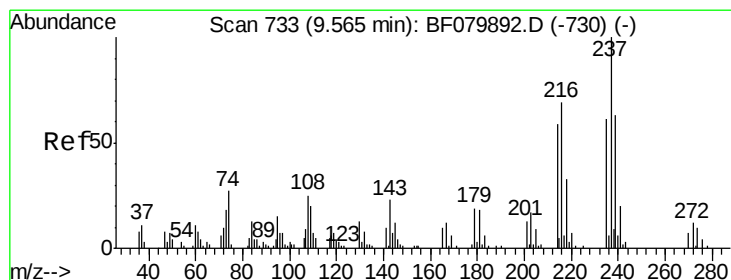
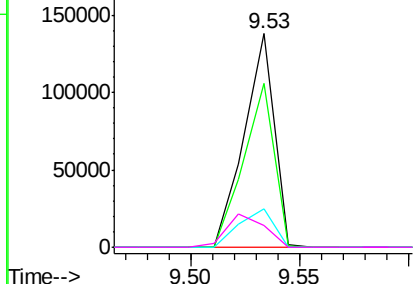
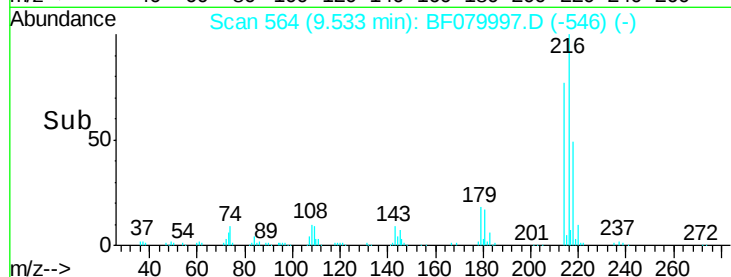
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.74 ng
 RT: 9.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:	216	Resp:	132603
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	20.6	15.8	23.8
108	19.9	13.7	20.5

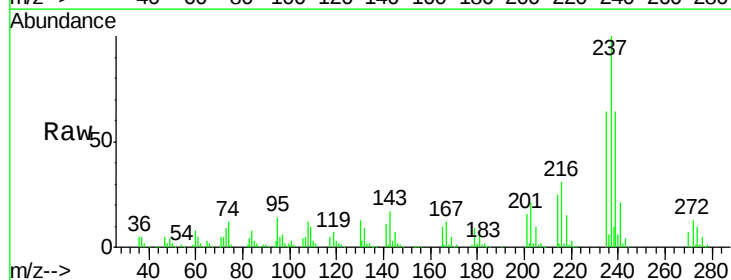


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

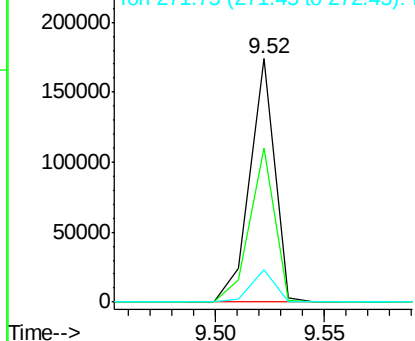
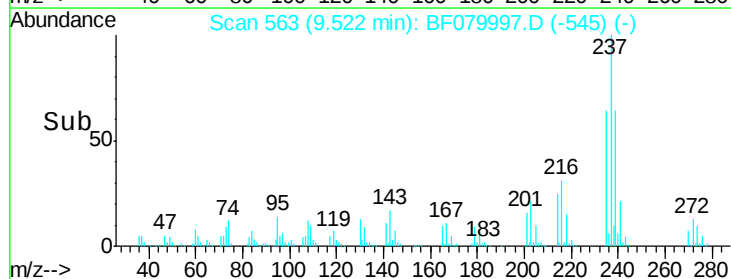


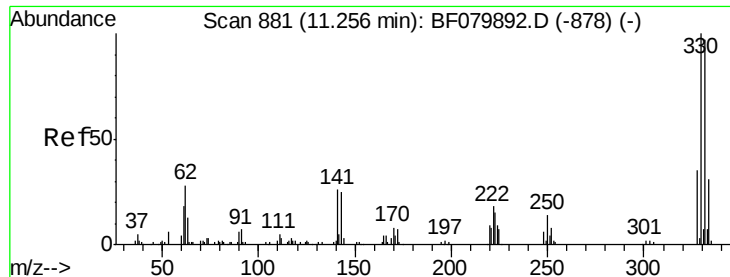
#40
 Hexachlorocyclopentadiene
 Concen: 85.49 ng
 RT: 9.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:	237	Resp:	137947
Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.3	81.3
272	13.1	0.0	32.2



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

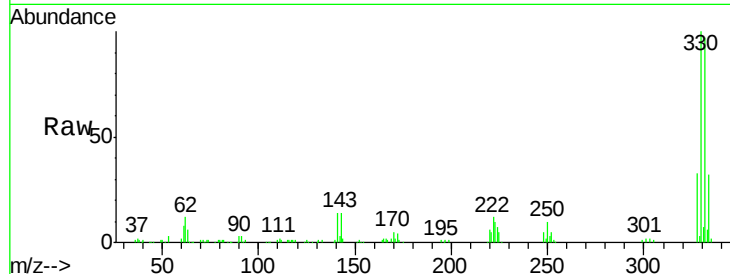




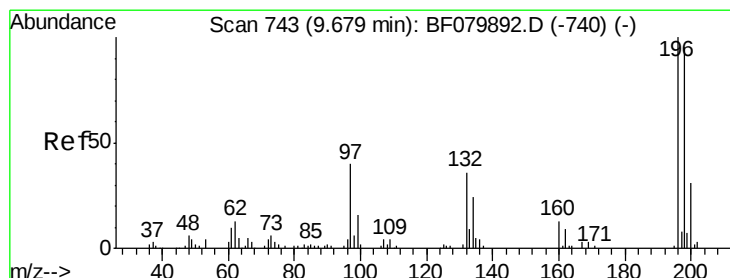
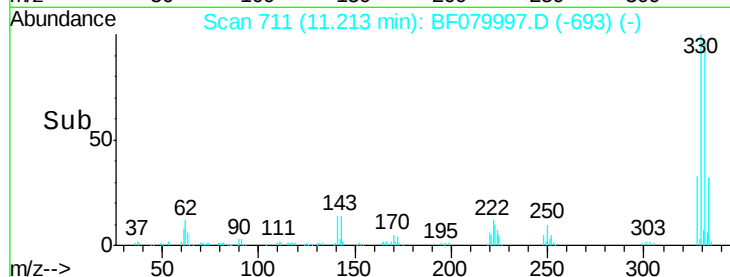
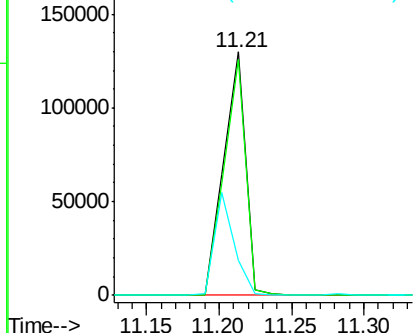
#41
 2,4,6-Tribromophenol
 Concen: 128.90 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:330 Resp: 136198
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 38.0 26.8 40.2

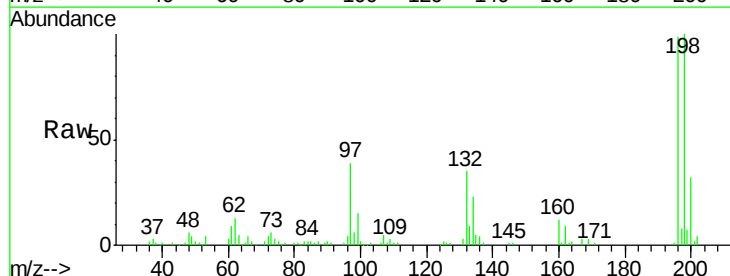


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

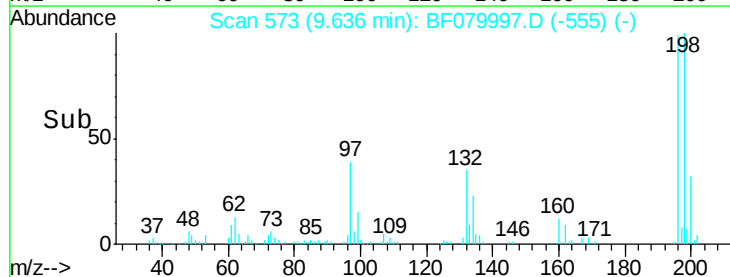
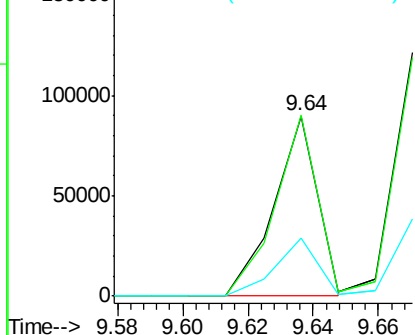


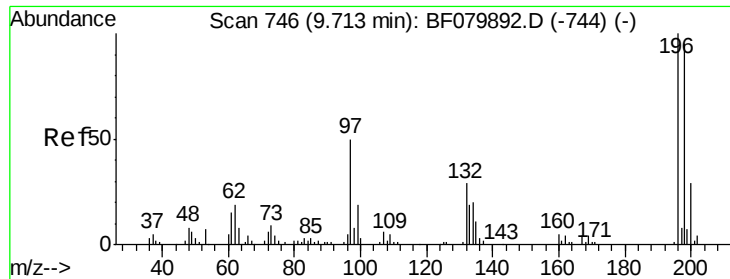
#42
 2,4,6-Trichlorophenol
 Concen: 38.20 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:196 Resp: 82701
 Ion Ratio Lower Upper
 196 100
 198 101.0 76.0 114.0
 200 32.6 24.9 37.3



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

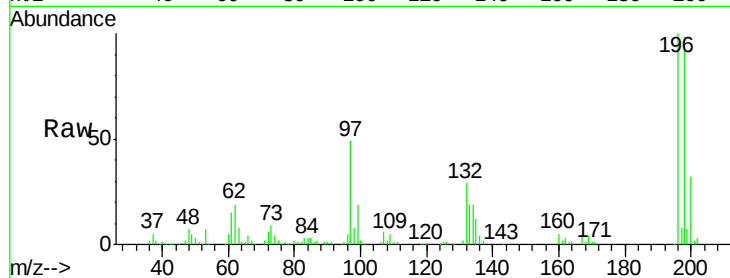




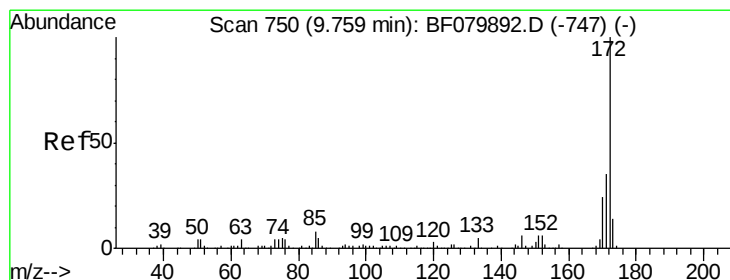
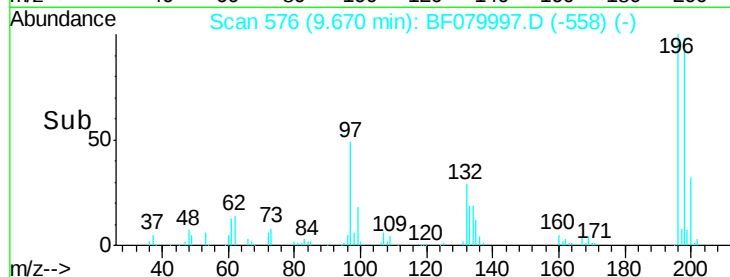
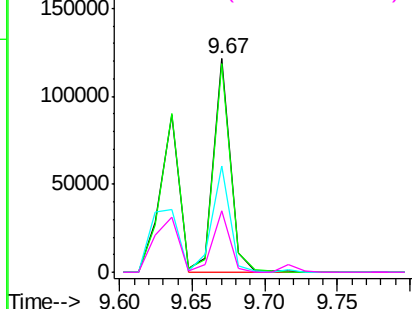
#43
 2,4,5-Trichlorophenol
 Concen: 41.06 ng
 RT: 9.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:196 Resp: 98148
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.0 114.0
 97 49.5 39.4 59.2
 132 28.9 23.6 35.4

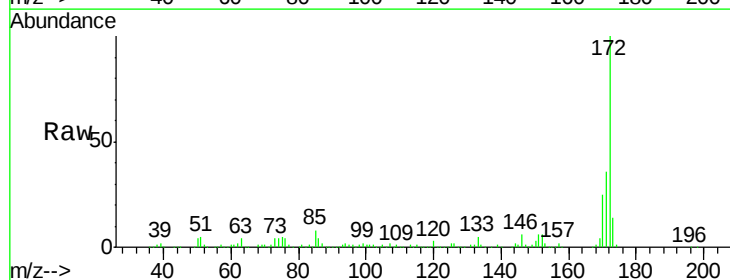


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

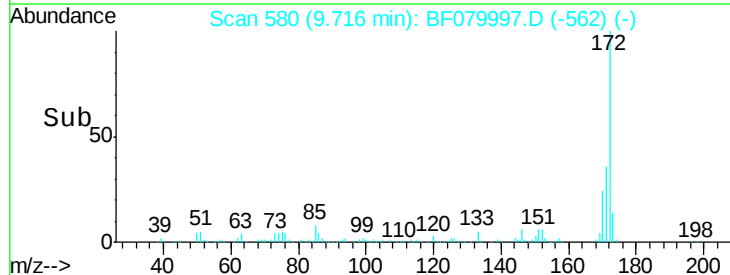
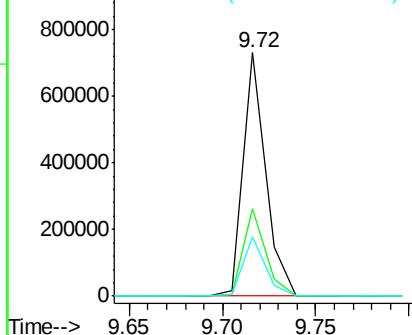


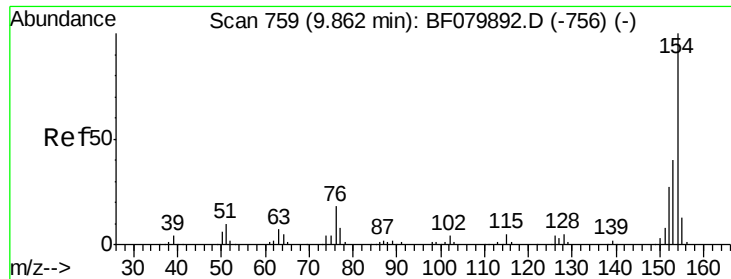
#44
 2-Fluorobiphenyl
 Concen: 81.83 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:172 Resp: 613186
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.3 42.5
 170 24.5 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

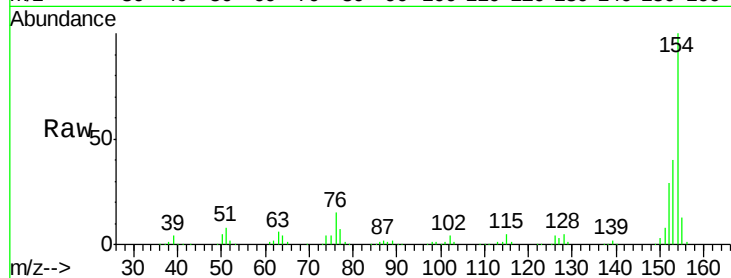




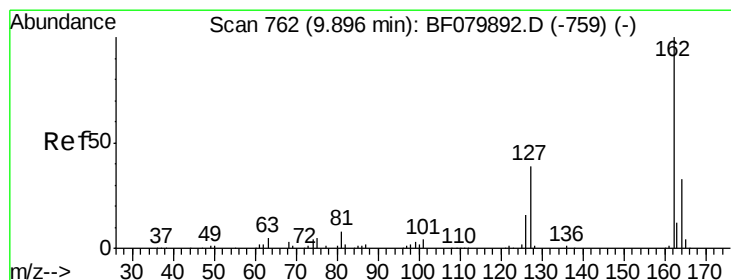
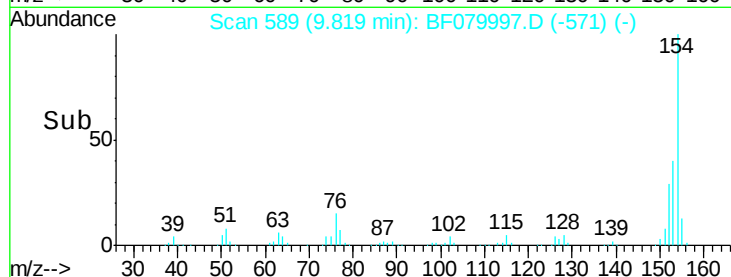
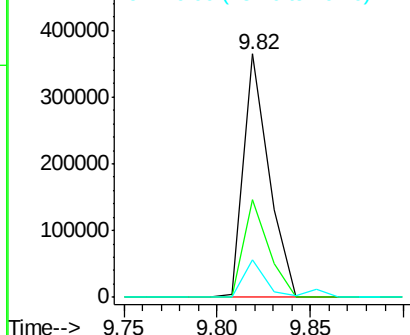
#45
 1,1'-Biphenyl
 Concen: 40.31 ng
 RT: 9.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:154 Resp: 342268
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.1 60.1
 76 15.2 0.0 38.4

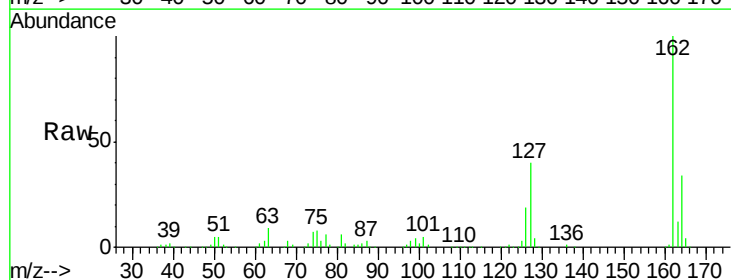


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

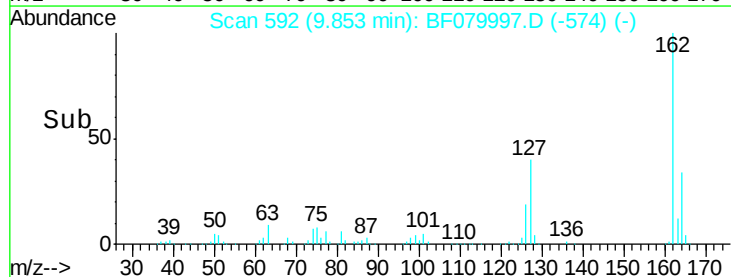
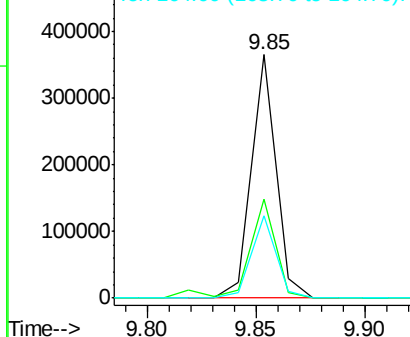


#46
 2-Chloronaphthalene
 Concen: 39.60 ng
 RT: 9.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:162 Resp: 286261
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.1 49.7
 164 33.7 26.2 39.4



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

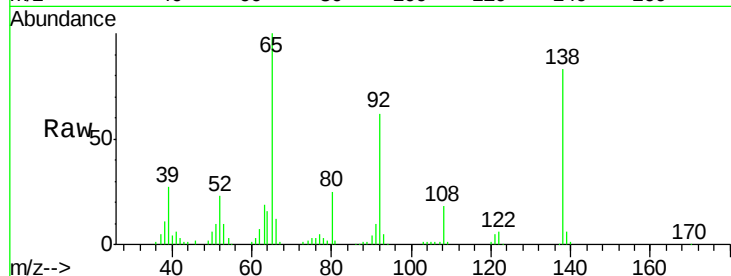




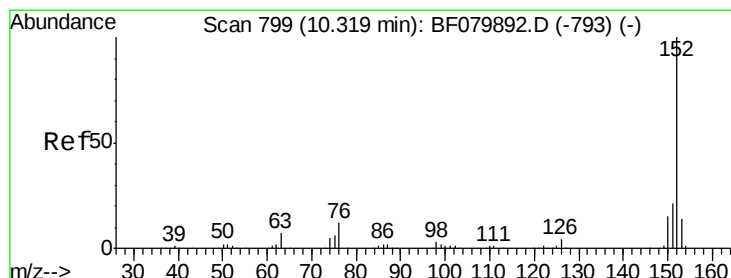
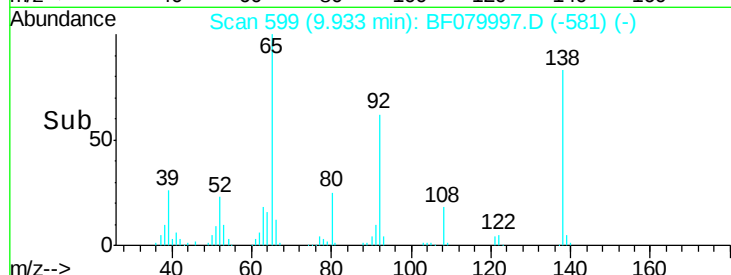
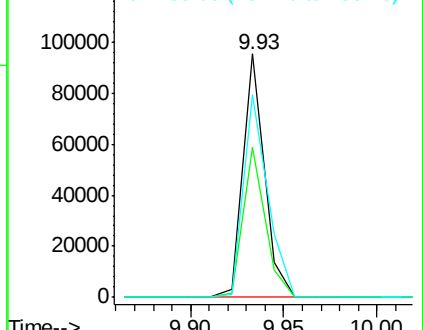
#47
2-Nitroaniline
Concen: 49.63 ng
RT: 9.93 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion: 65 Resp: 77326
Ion Ratio Lower Upper
65 100
92 61.9 51.1 76.7
138 83.2 62.0 93.0

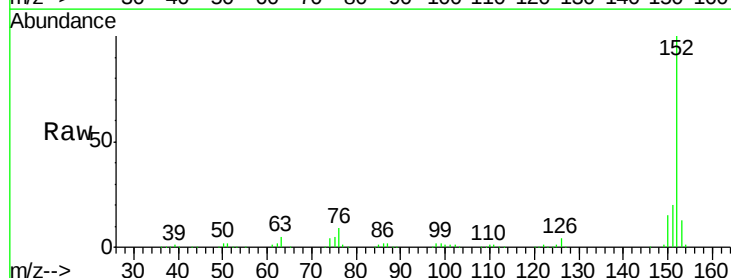


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

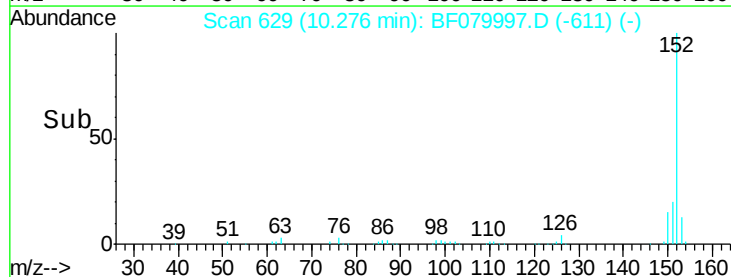
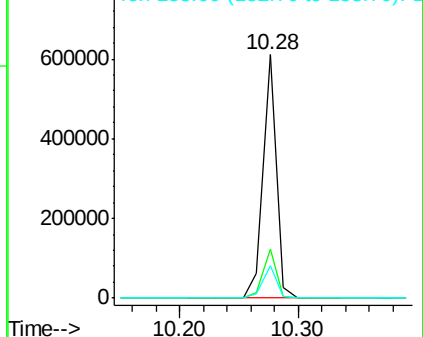


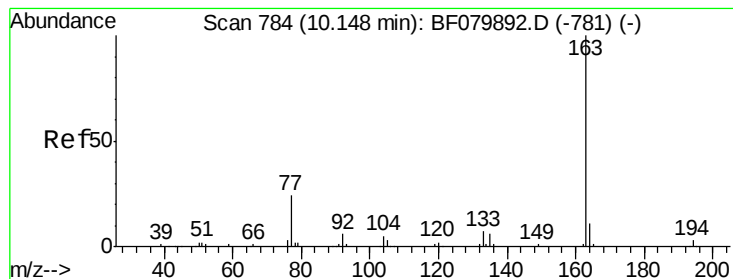
#48
Acenaphthylene
Concen: 39.59 ng
RT: 10.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion: 152 Resp: 483110
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.2 10.8 16.2



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: 36.62 ng

RT: 10.10 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

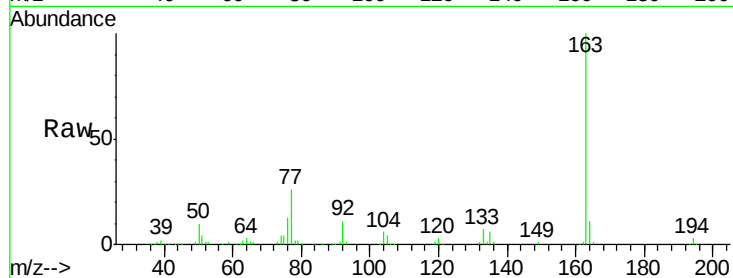
Tgt Ion:163 Resp: 307871

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

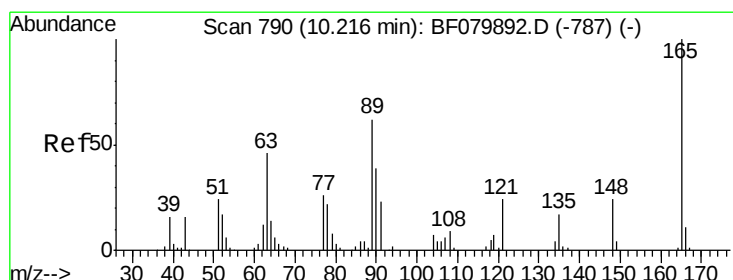
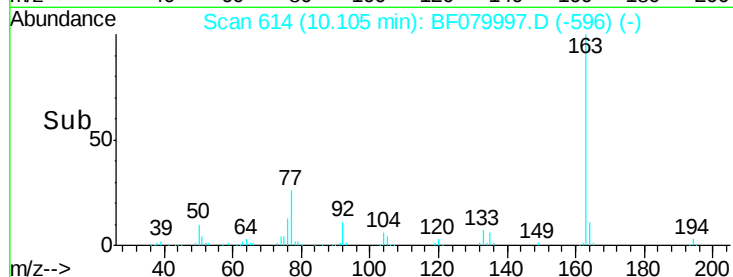
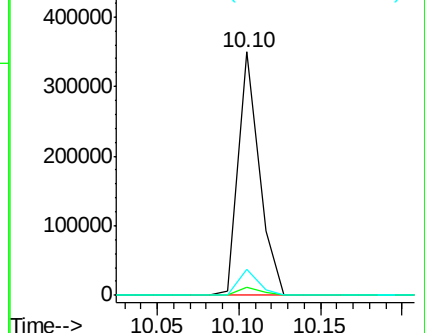
164 10.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.82 ng

RT: 10.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

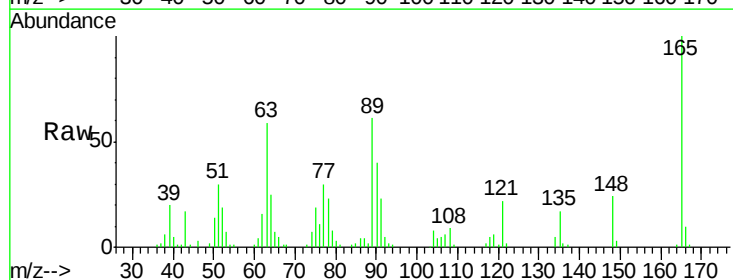
Tgt Ion:165 Resp: 65239

Ion Ratio Lower Upper

165 100

63 59.0 46.4 69.6

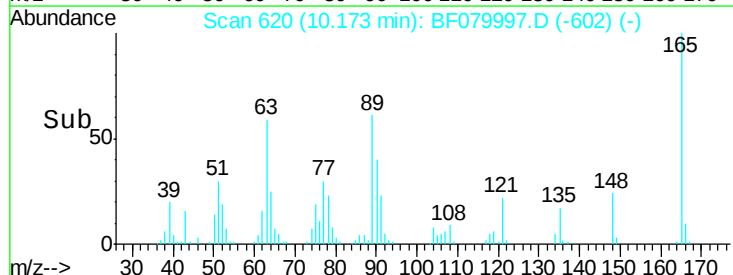
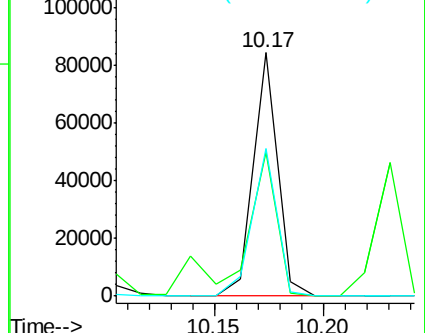
89 60.6 49.6 74.4

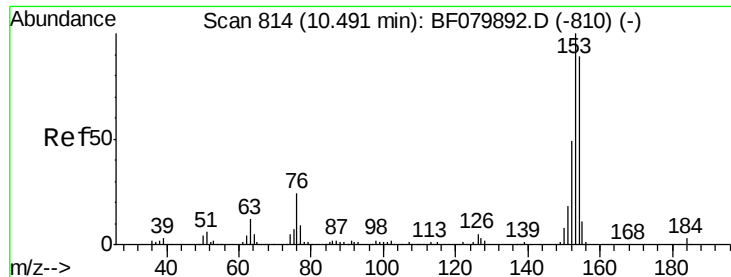


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.92 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

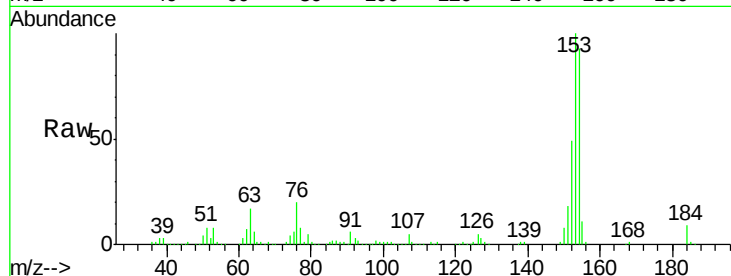
Tgt Ion:154 Resp: 290762

Ion Ratio Lower Upper

154 100

153 107.1 90.0 135.0

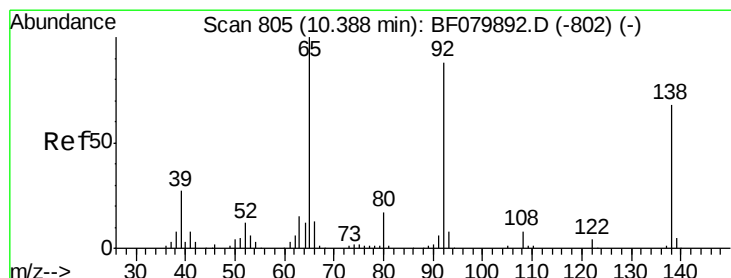
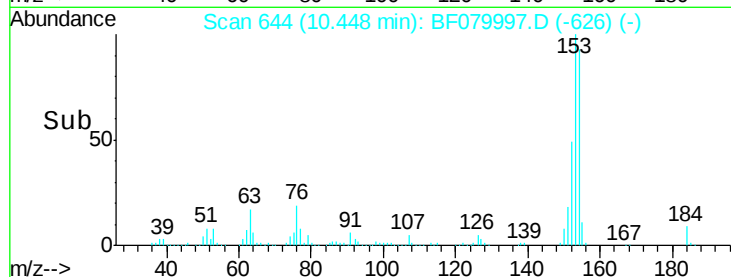
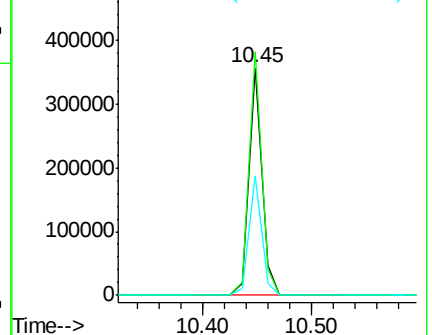
152 52.7 43.7 65.5



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: 24.54 ng

RT: 10.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

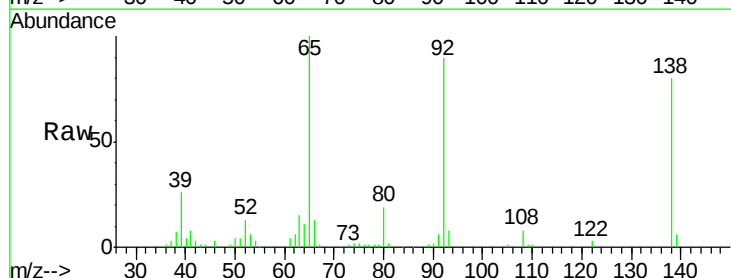
Tgt Ion:138 Resp: 43028

Ion Ratio Lower Upper

138 100

108 9.9 9.0 13.6

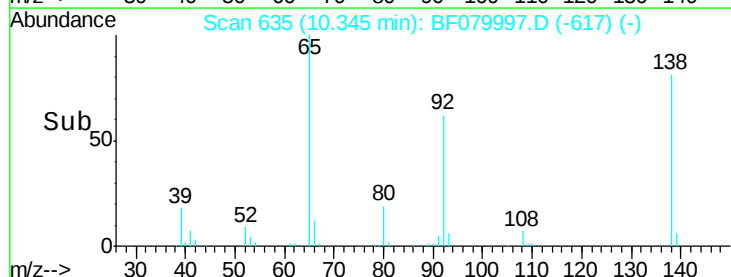
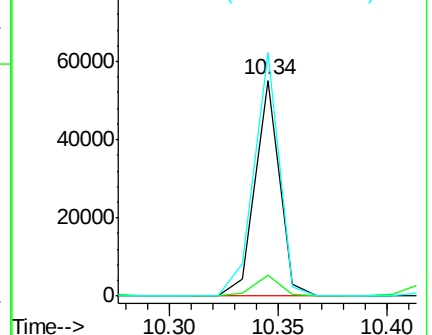
92 112.8 103.1 154.7

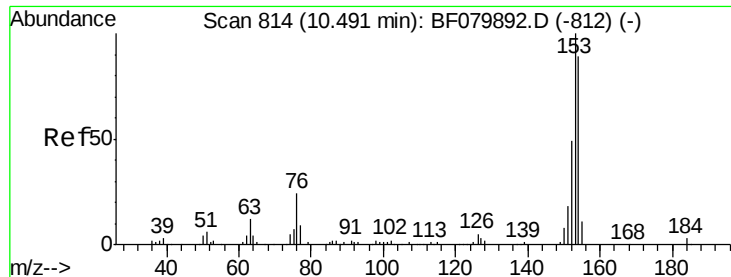


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

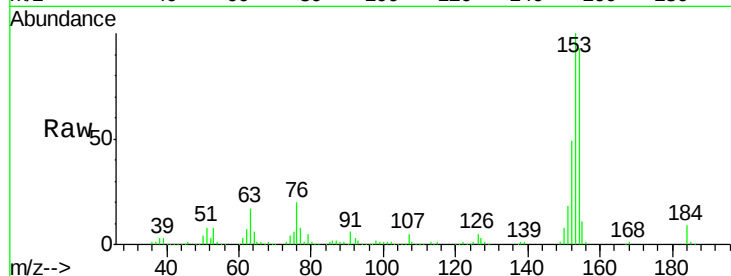




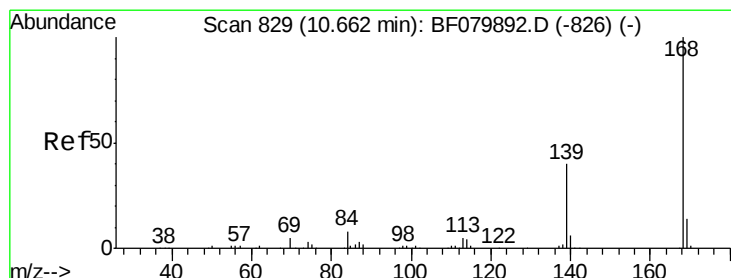
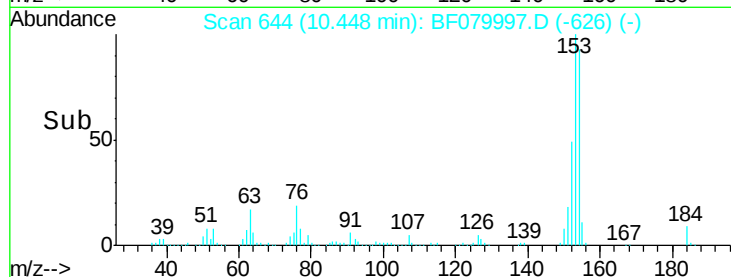
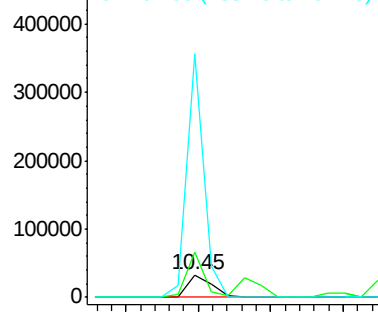
#53
2,4-Dinitrophenol
Concen: 101.24 ng
RT: 10.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion:184 Resp: 39237
Ion Ratio Lower Upper
184 100
63 196.6 357.0 535.4#
154 1068.8 2660.2 3990.4#

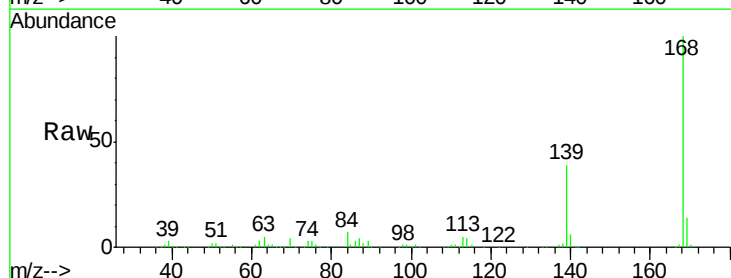


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

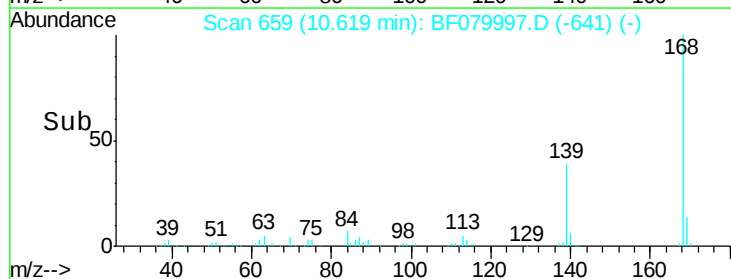
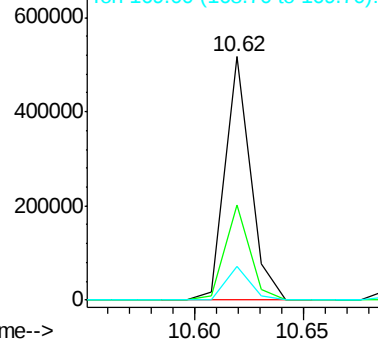


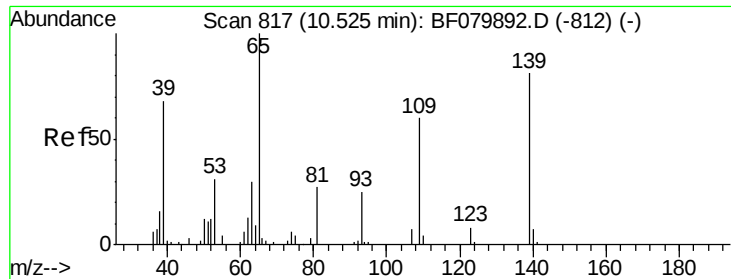
#54
Dibenzofuran
Concen: 41.33 ng
RT: 10.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:168 Resp: 418917
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2
169 13.6 11.0 16.6



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

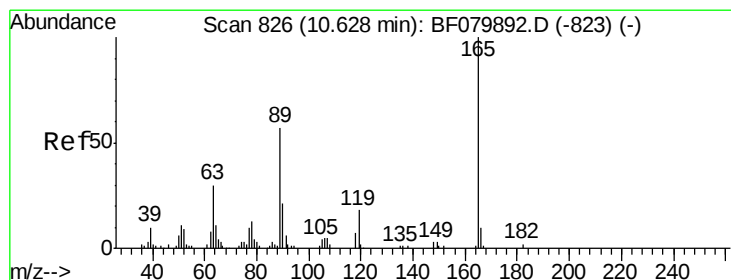
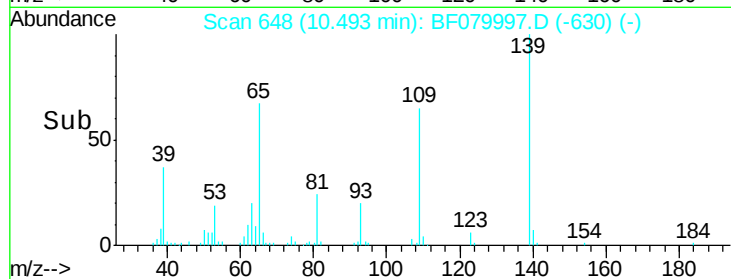
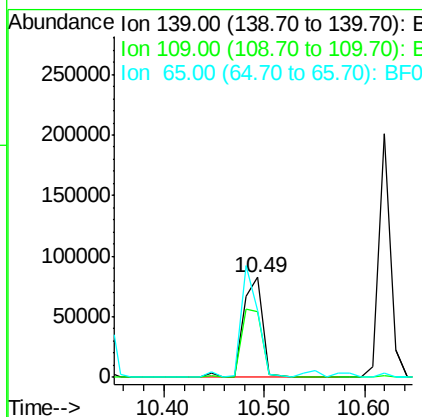
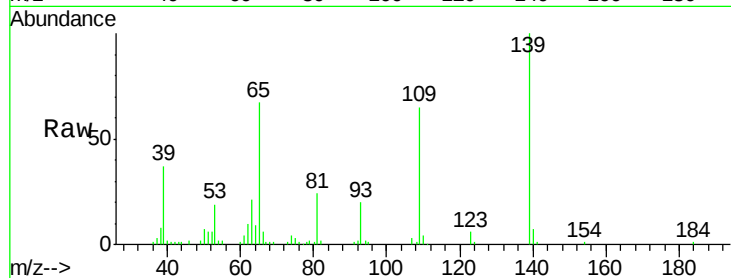




#55
4-Nitrophenol
Concen: 81.40 ng
RT: 10.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

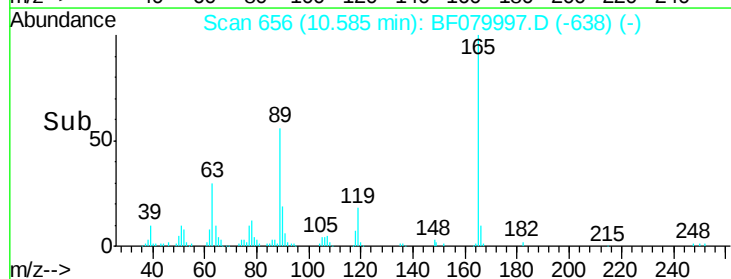
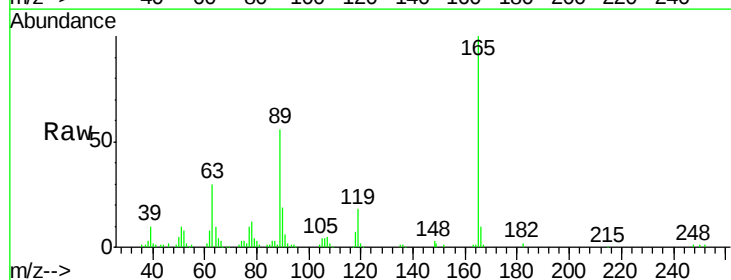
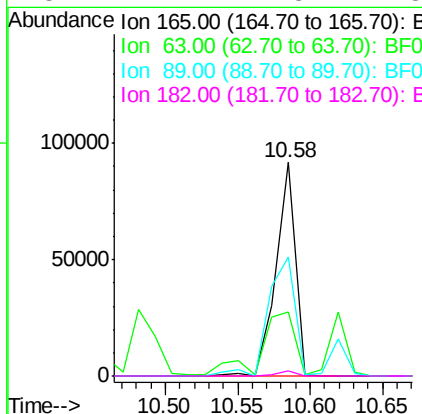
Instrument :
BNA_F
ClientSampleId :
PB84029BS

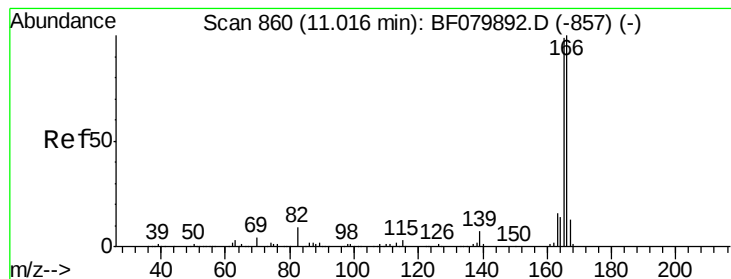
Tgt Ion:139 Resp: 109275
Ion Ratio Lower Upper
139 100
109 65.4 54.8 94.8
65 67.2 104.8 144.8#



#56
2,4-Dinitrotoluene
Concen: 42.56 ng
RT: 10.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:165 Resp: 85426
Ion Ratio Lower Upper
165 100
63 29.7 24.3 36.5
89 55.6 45.4 68.2
182 2.2 1.8 2.8





#57

Fluorene

Concen: 35.30 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

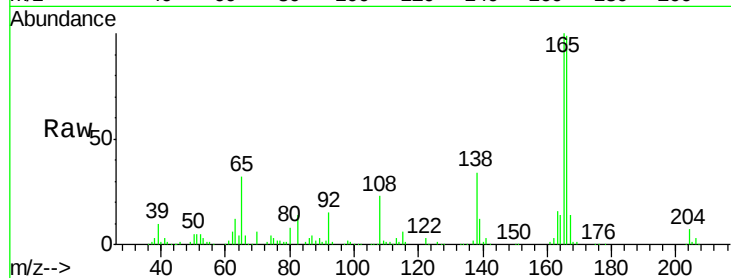
Tgt Ion:166 Resp: 311846

Ion Ratio Lower Upper

166 100

165 101.4 79.0 118.6

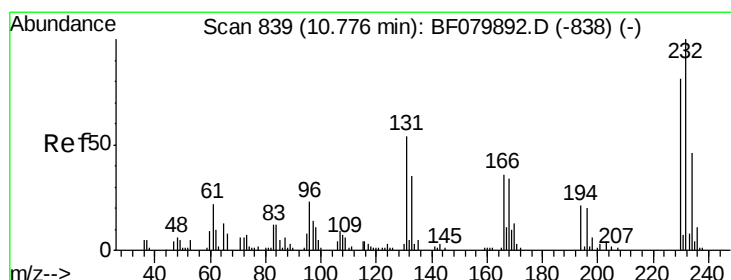
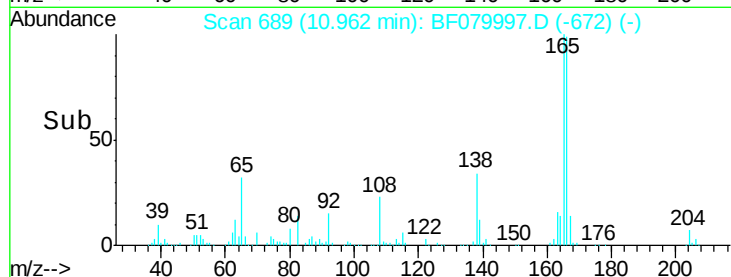
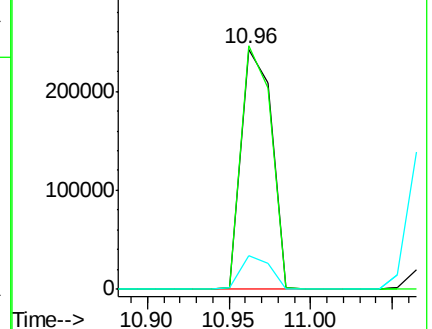
167 14.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.38 ng

RT: 10.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Tgt Ion:232 Resp: 85824

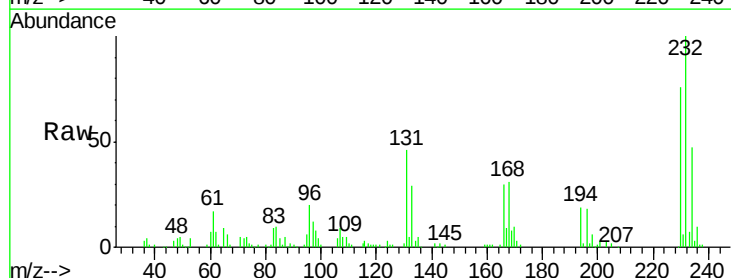
Ion Ratio Lower Upper

232 100

131 44.6 35.4 53.2

130 1.8 1.5 2.3

166 28.7 24.1 36.1

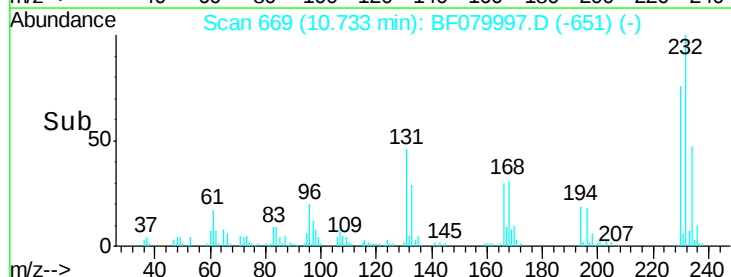
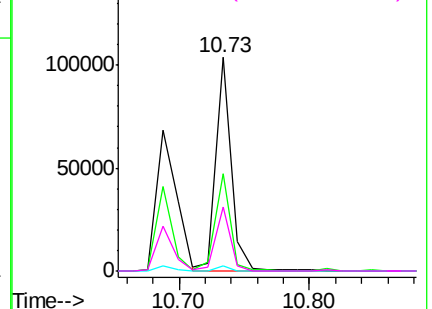


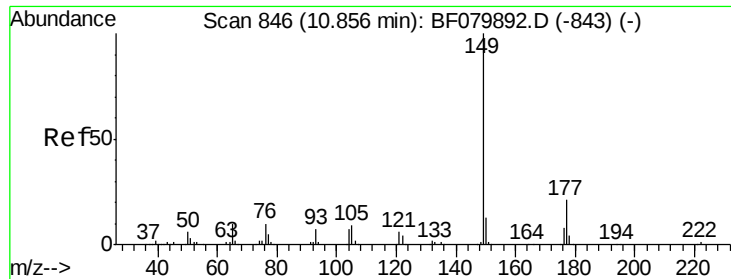
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

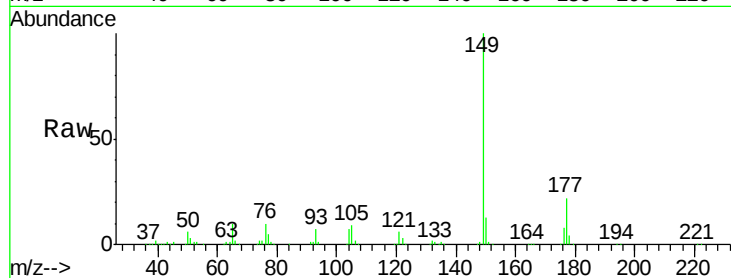




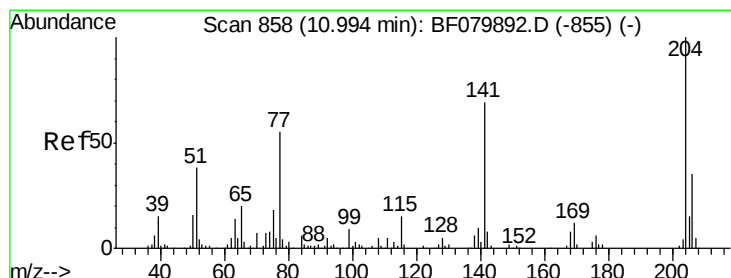
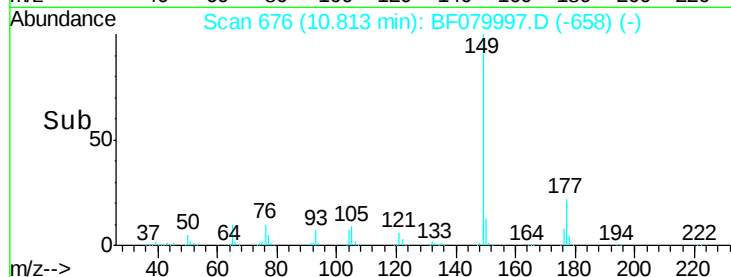
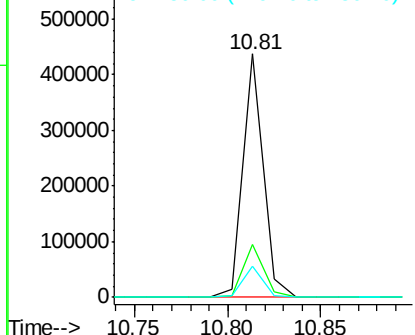
#59
Diethylphthalate
Concen: 39.72 ng
RT: 10.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion:149 Resp: 333841
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.9 10.4 15.6

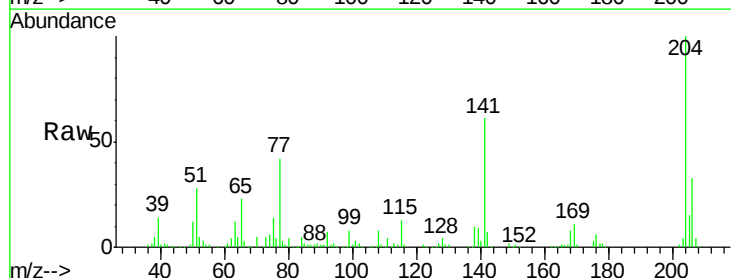


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

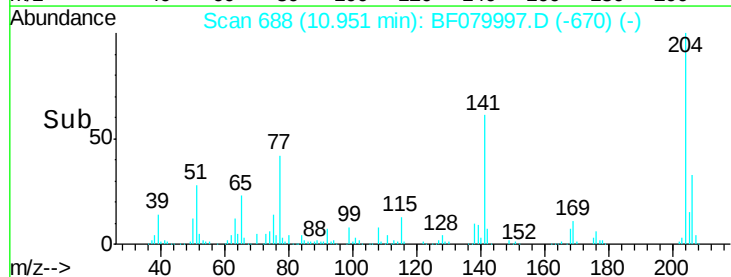
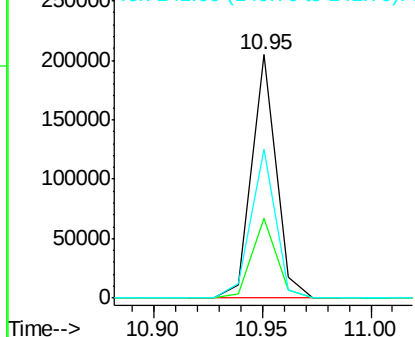


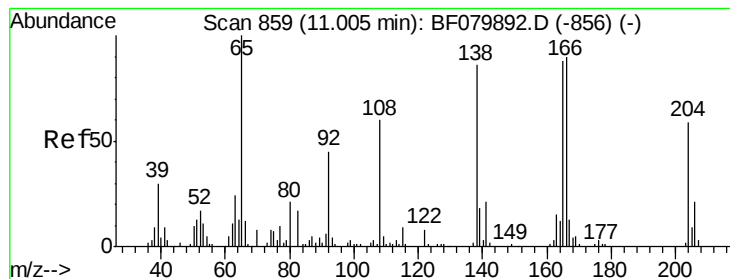
#60
4-Chlorophenyl-phenylether
Concen: 40.58 ng
RT: 10.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:204 Resp: 160069
Ion Ratio Lower Upper
204 100
206 32.9 28.0 42.0
141 60.9 55.3 82.9



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: 38.33 ng

RT: 10.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

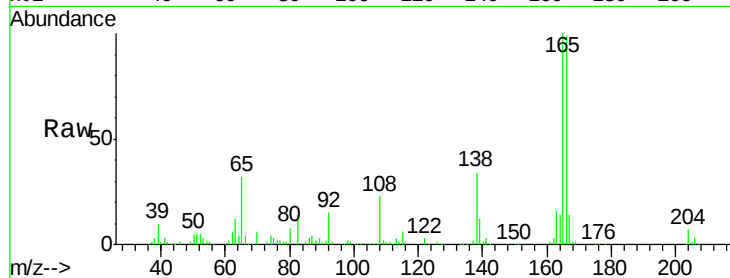
Tgt Ion:138 Resp: 73771

Ion Ratio Lower Upper

138 100

92 44.4 32.9 72.9

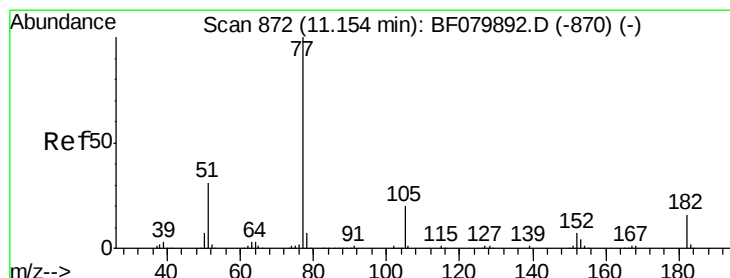
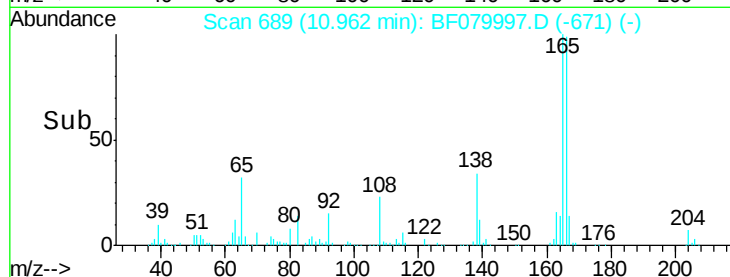
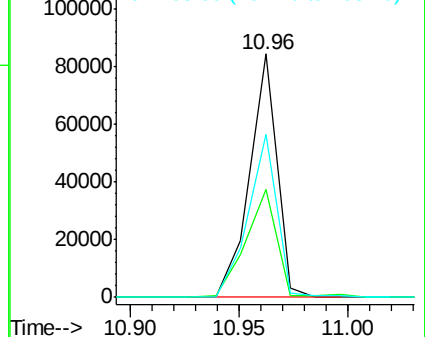
108 66.9 50.4 90.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.02 ng

RT: 11.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Tgt Ion: 77 Resp: 339786

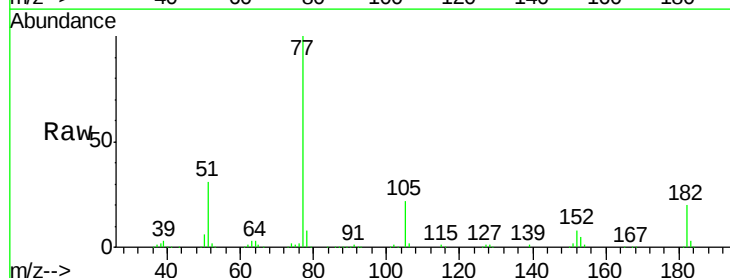
Ion Ratio Lower Upper

77 100

182 20.0 0.0 35.9

105 21.8 0.1 40.1

51 31.4 11.5 51.5

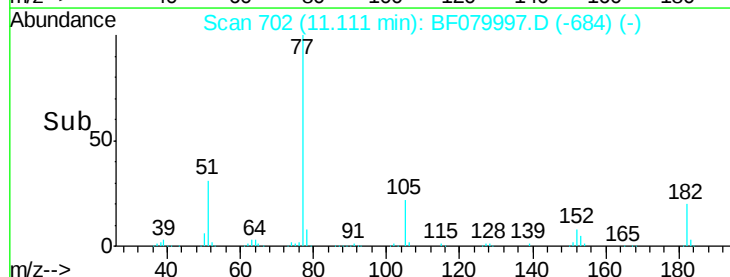
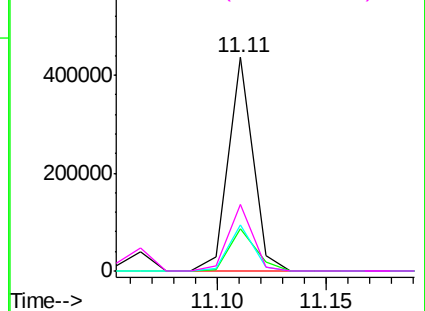


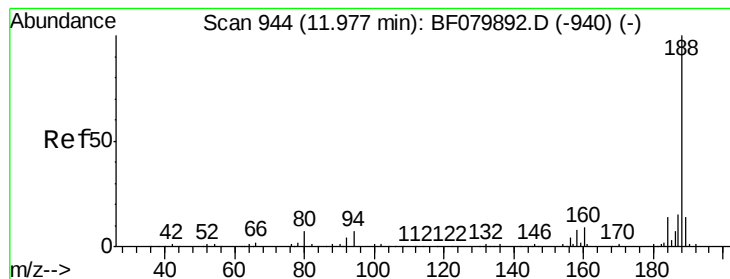
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

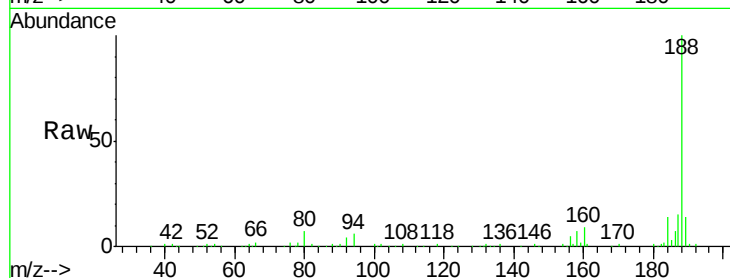
Tgt Ion:188 Resp: 199930

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

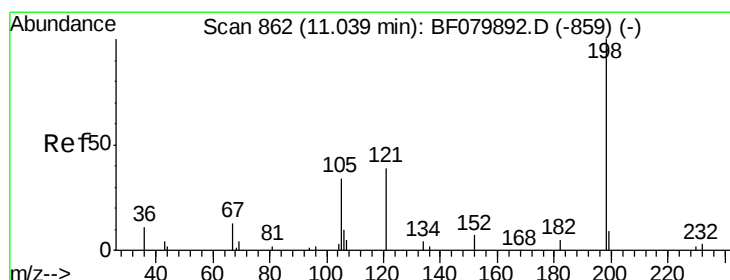
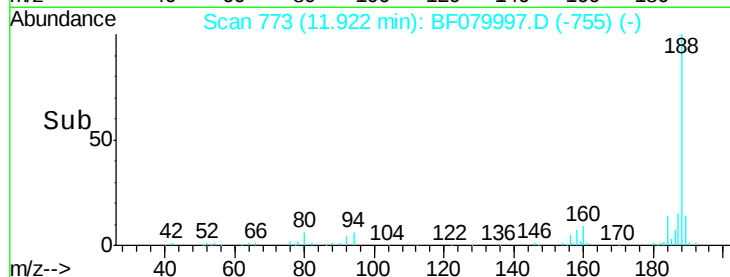
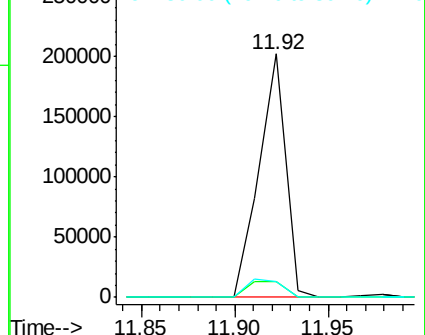
80 6.7 5.9 8.9



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: 68.36 ng

RT: 11.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

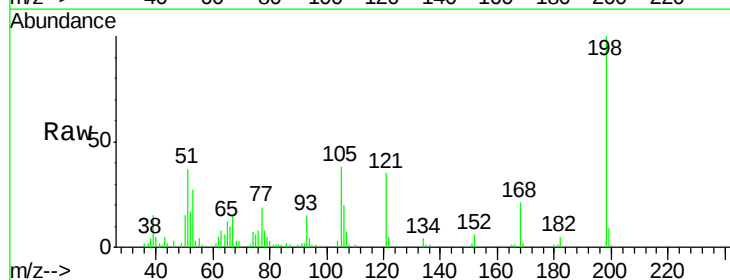
Tgt Ion:198 Resp: 33642

Ion Ratio Lower Upper

198 100

51 37.1 22.1 62.1

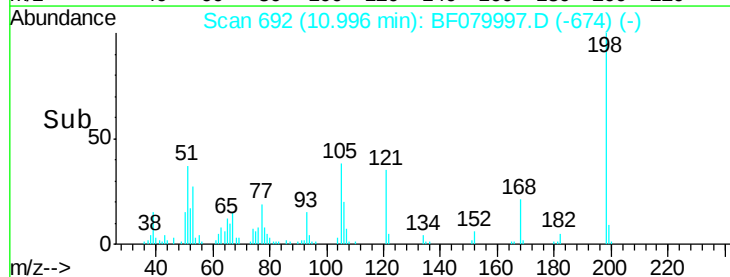
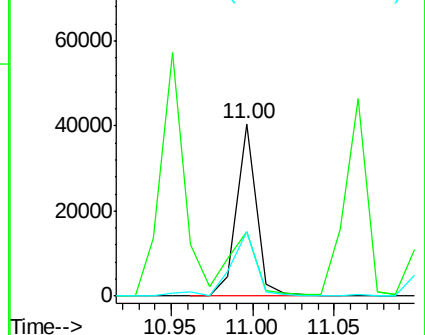
105 37.7 22.7 62.7

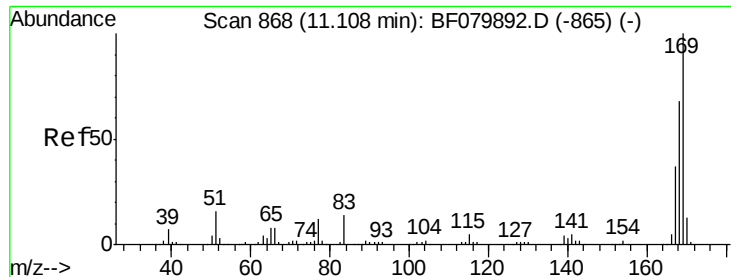


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

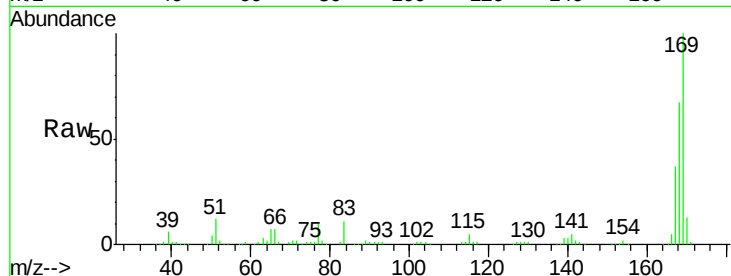




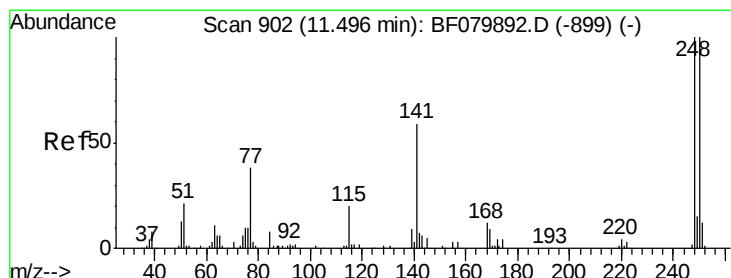
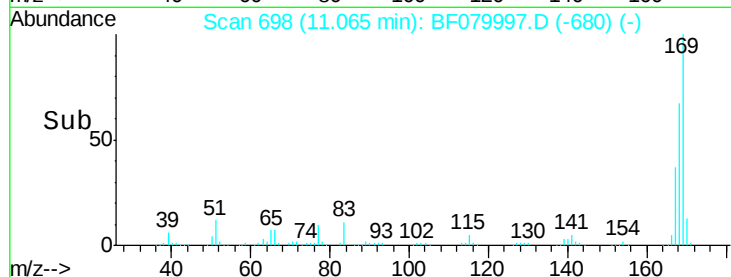
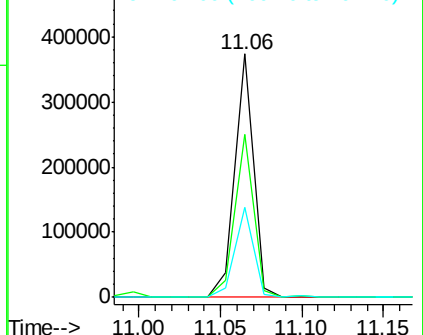
#65
 n-Nitrosodiphenylamine
 Concen: 45.35 ng
 RT: 11.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion:169 Resp: 292665
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.2 81.4
 167 37.1 29.7 44.5

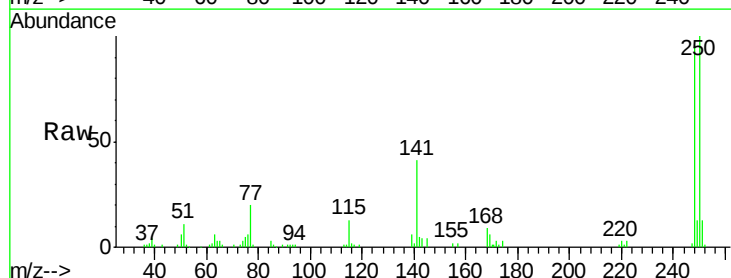


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

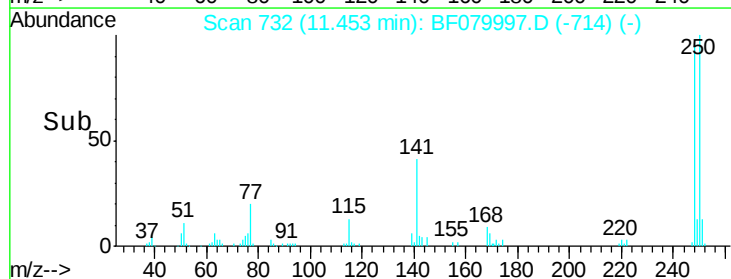
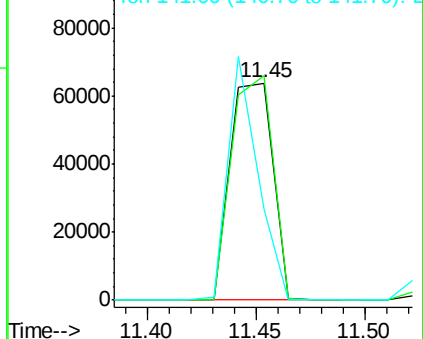


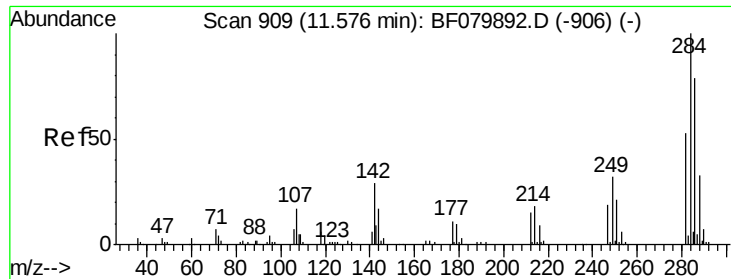
#66
 4-Bromophenyl-phenylether
 Concen: 38.80 ng
 RT: 11.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:248 Resp: 86919
 Ion Ratio Lower Upper
 248 100
 250 103.7 80.2 120.2
 141 42.1 46.9 70.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

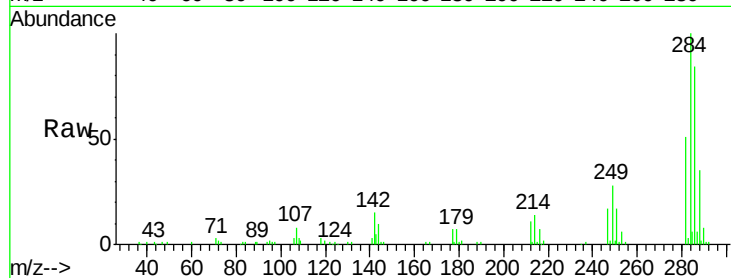




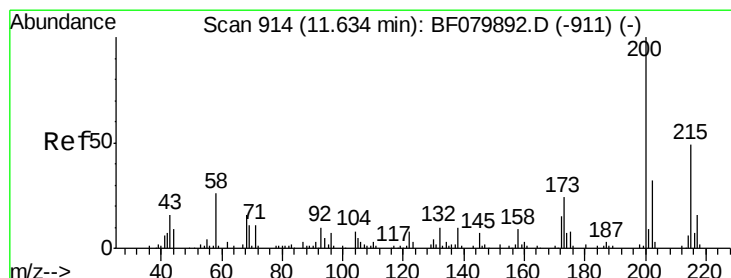
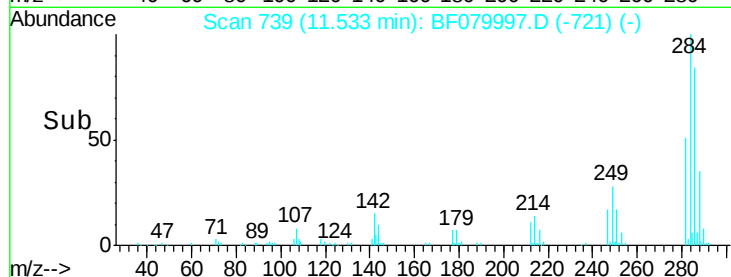
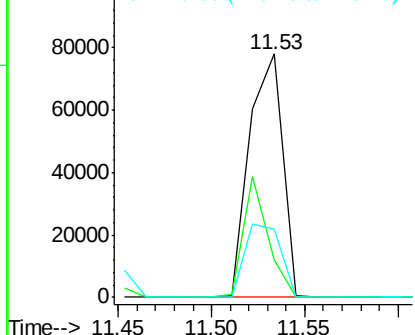
#67
Hexachlorobenzene
Concen: 39.14 ng
RT: 11.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Instrument :
BNA_F
ClientSampleId :
PB84029BS

Tgt Ion:284 Resp: 95665
Ion Ratio Lower Upper
284 100
142 15.5 23.5 35.3#
249 28.2 25.3 37.9

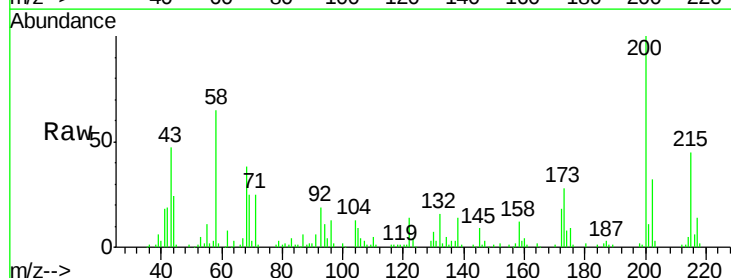


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

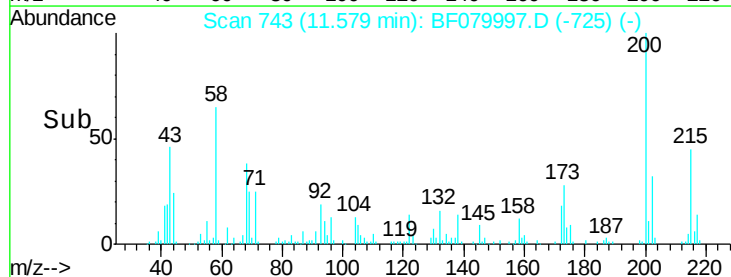
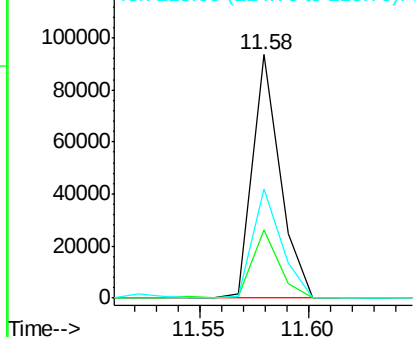


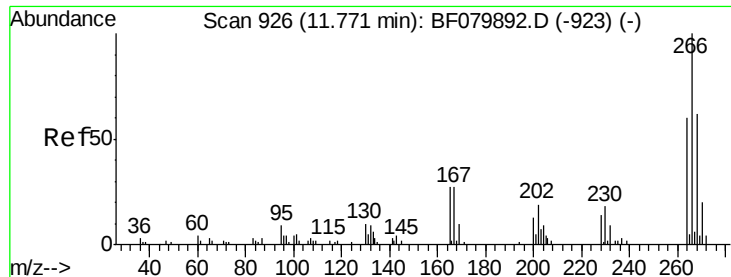
#68
Atrazine
Concen: 41.27 ng
RT: 11.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF079997.D
Acq: 16 Jun 2015 18:24

Tgt Ion:200 Resp: 81973
Ion Ratio Lower Upper
200 100
173 28.1 4.1 44.1
215 45.0 29.2 69.2



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

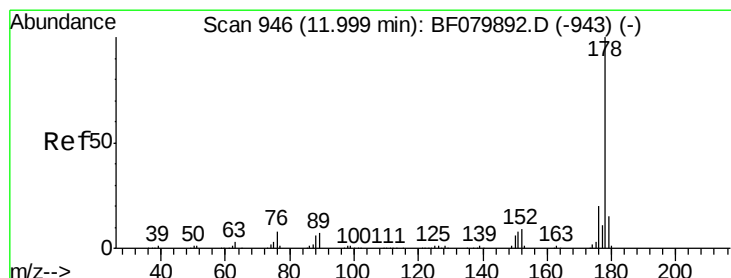
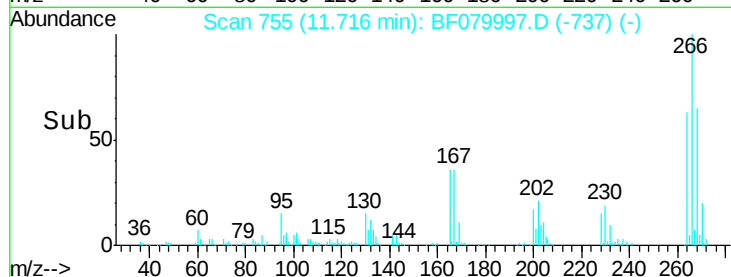
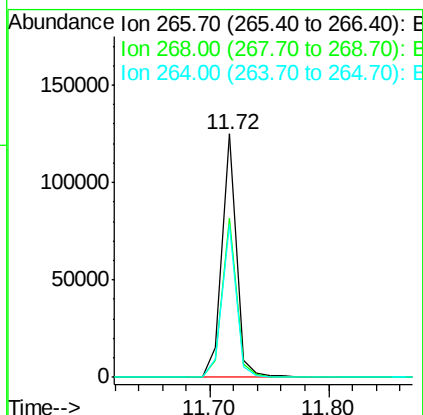
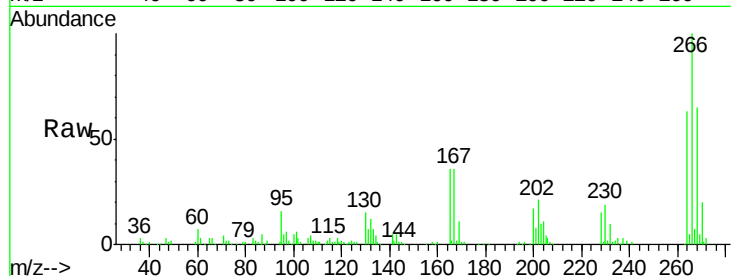




#69
 Pentachlorophenol
 Concen: 90.87 ng
 RT: 11.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

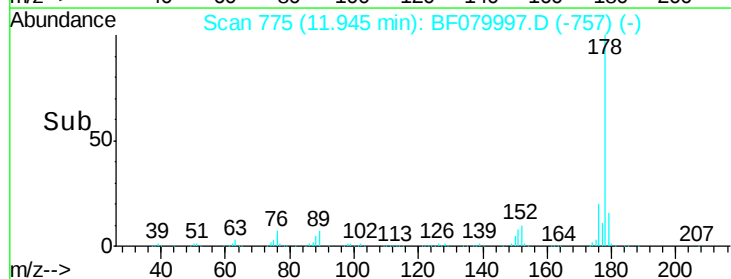
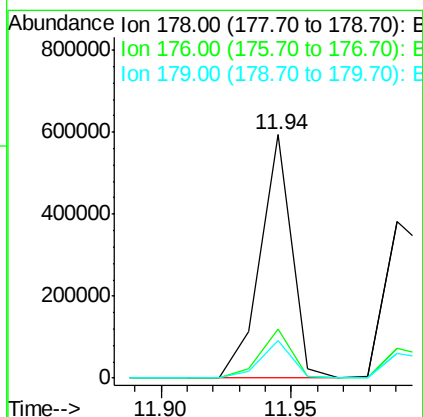
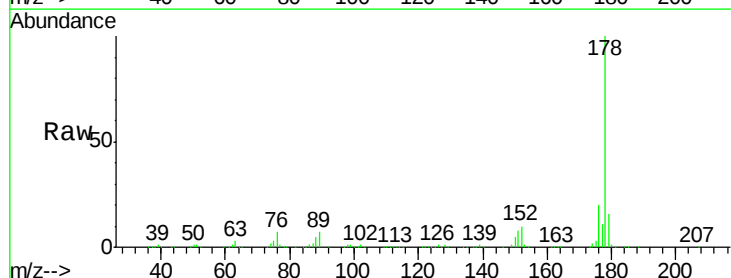
Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

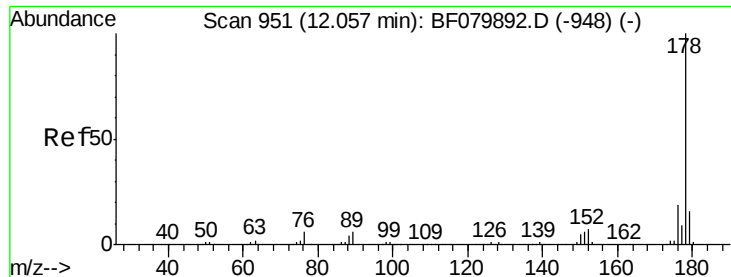
Tgt Ion:266 Resp: 105481
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.4 74.2
 264 62.8 47.7 71.5



#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:178 Resp: 501876
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.5 12.3 18.5

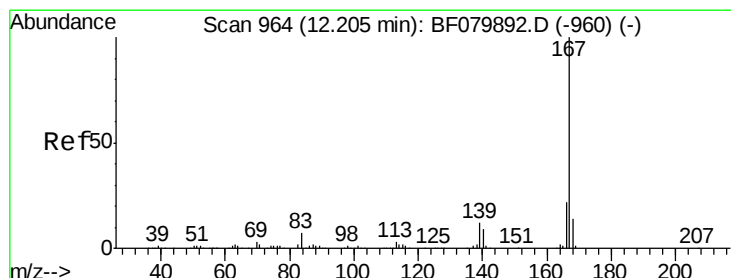
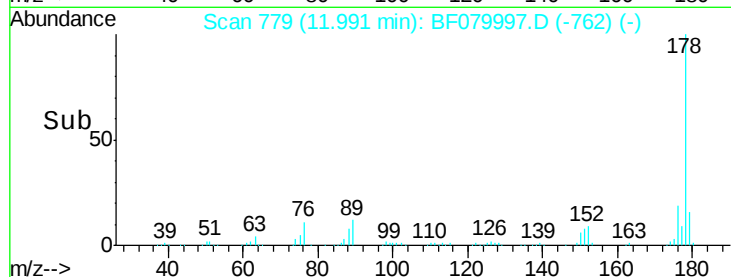
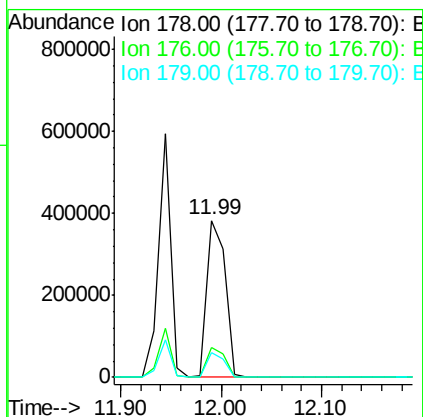
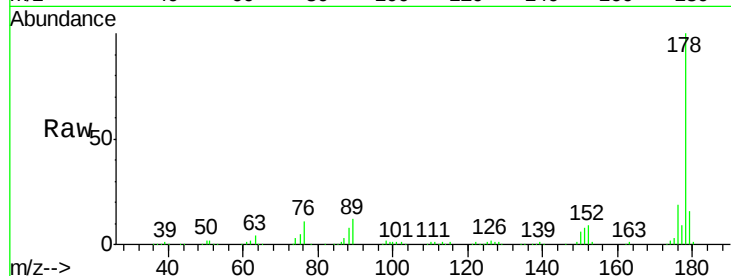




#71
 Anthracene
 Concen: 42.48 ng
 RT: 11.99 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

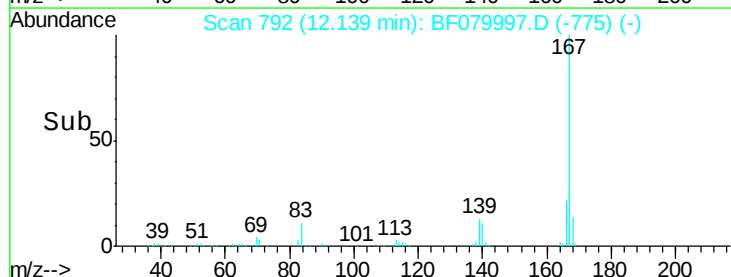
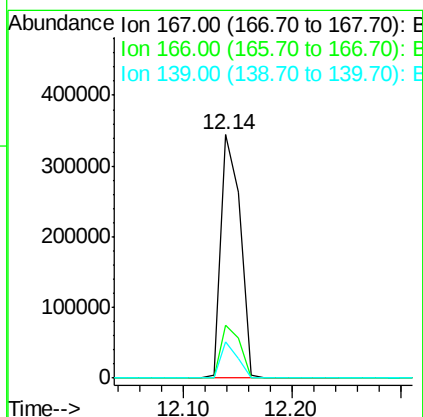
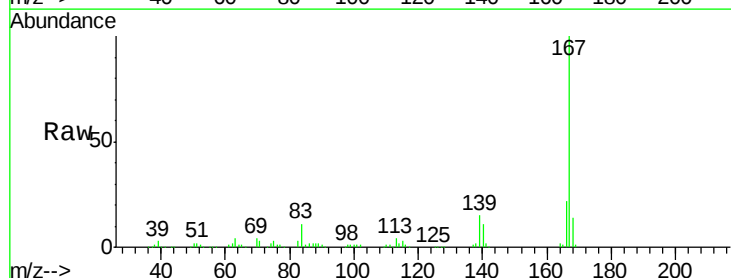
Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

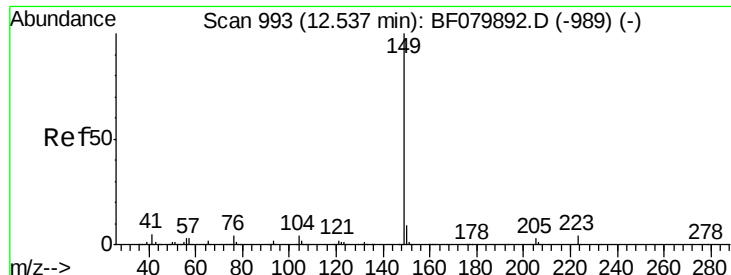
Tgt Ion:178 Resp: 489798
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 37.96 ng
 RT: 12.14 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:167 Resp: 424466
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.7 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 12.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

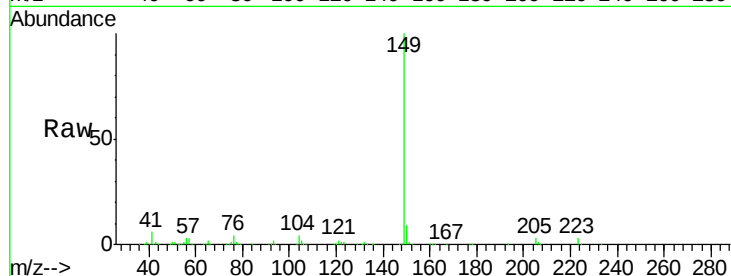
Tgt Ion:149 Resp: 501415

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

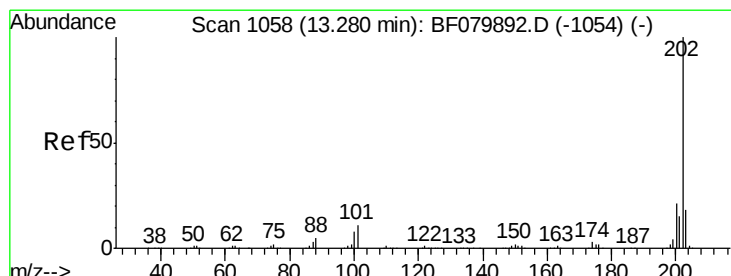
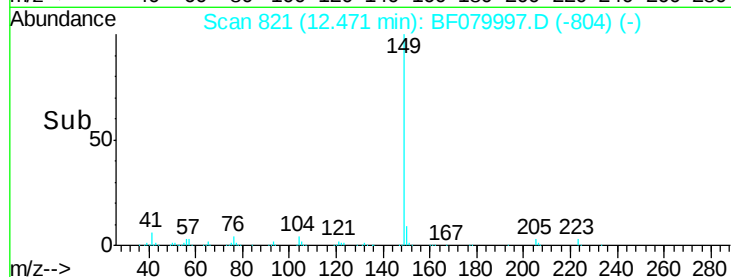
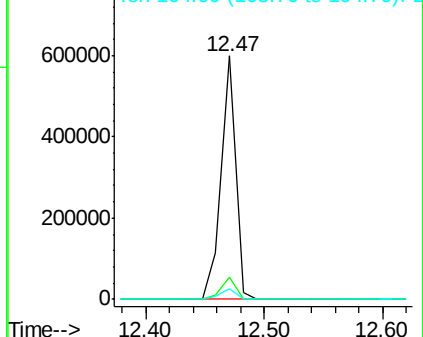
104 4.3 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.62 ng

RT: 13.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

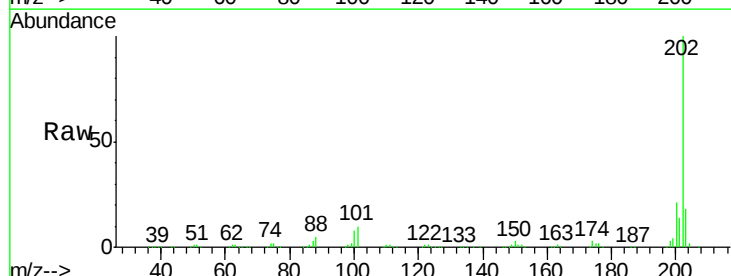
Tgt Ion:202 Resp: 521874

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

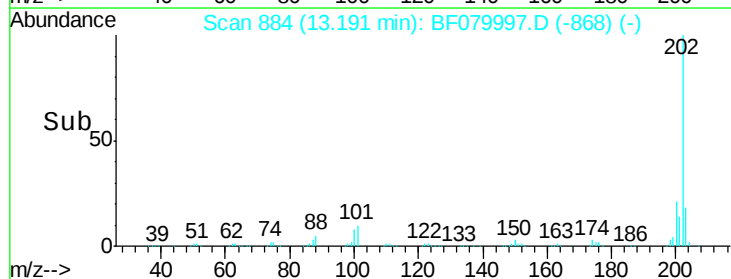
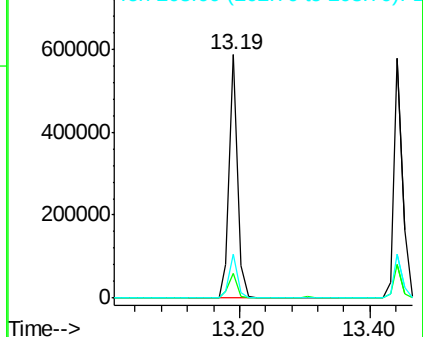
203 17.9 0.0 38.0

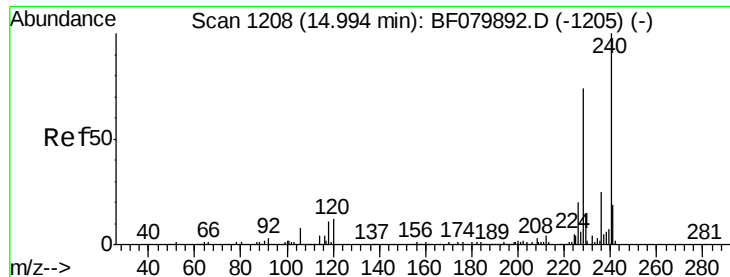


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

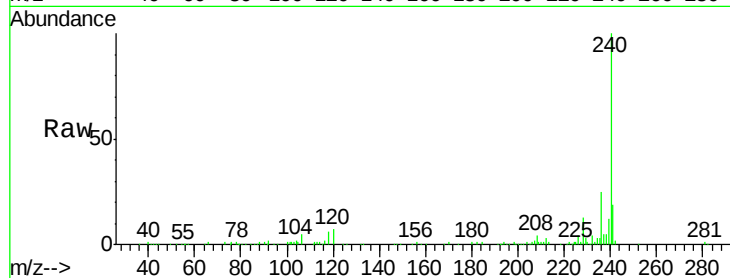
Tgt Ion:240 Resp: 217772

Ion Ratio Lower Upper

240 100

120 7.2 9.4 14.2#

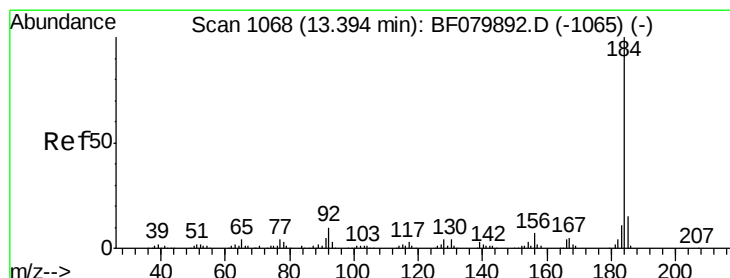
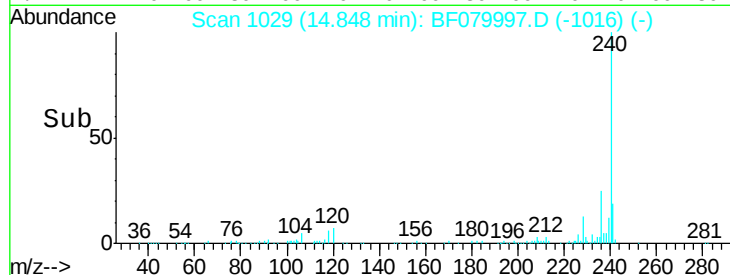
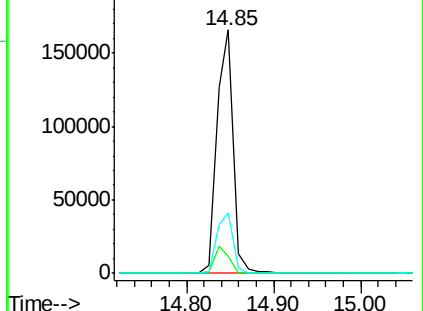
236 25.0 19.6 29.4



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: 64.52 ng

RT: 13.31 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

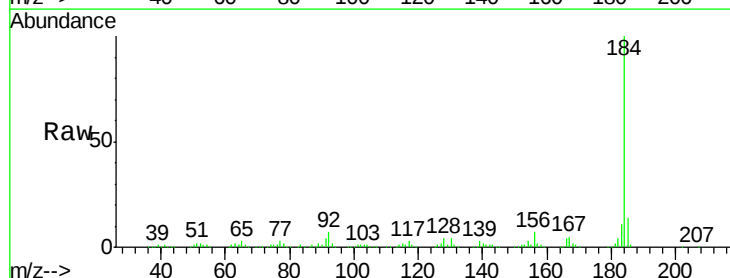
Tgt Ion:184 Resp: 389115

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

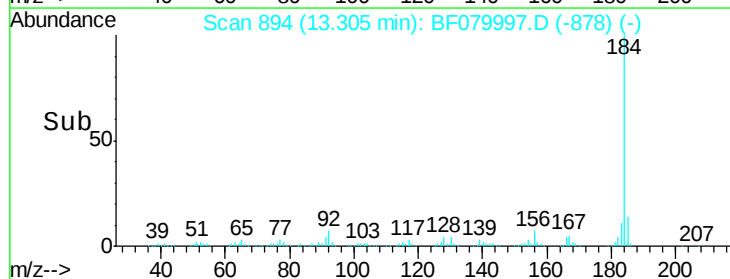
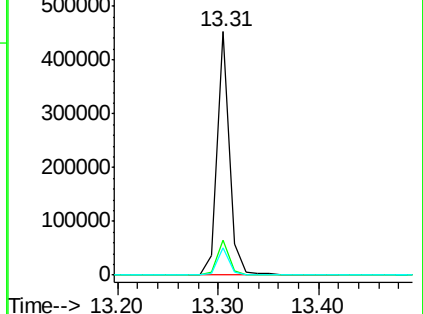
183 11.3 9.0 13.6

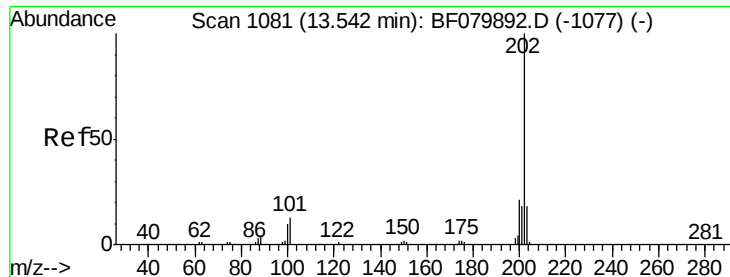


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

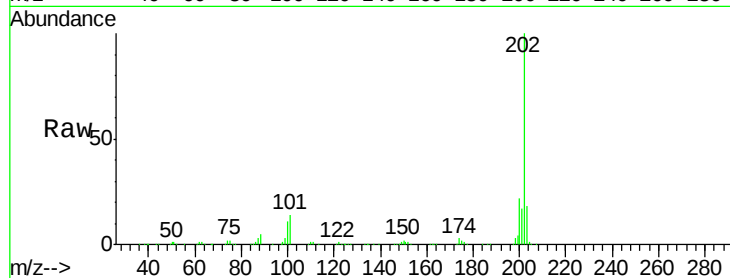




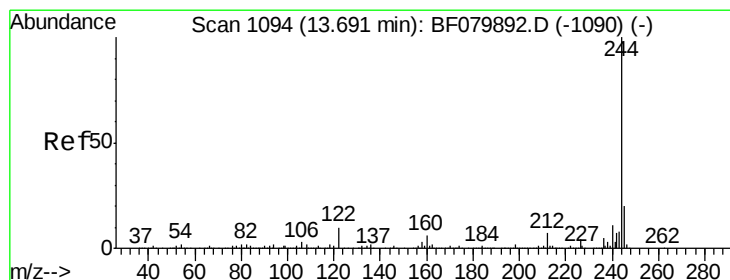
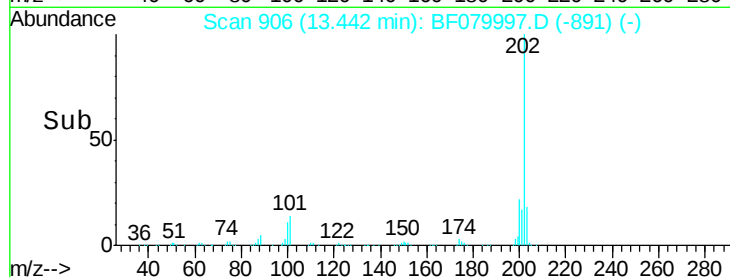
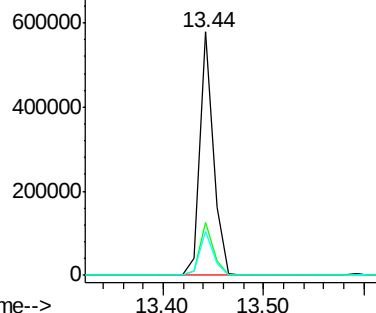
#77
 Pyrene
 Concen: 39.94 ng
 RT: 13.44 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	18.0	14.4	21.6

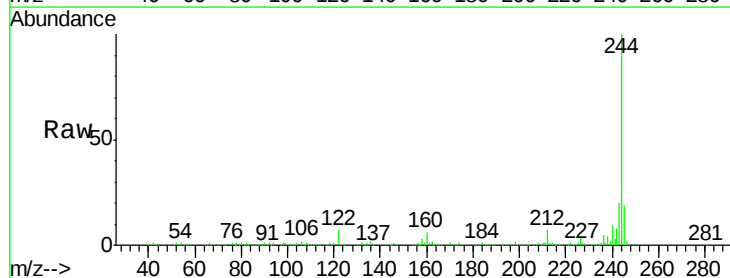


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

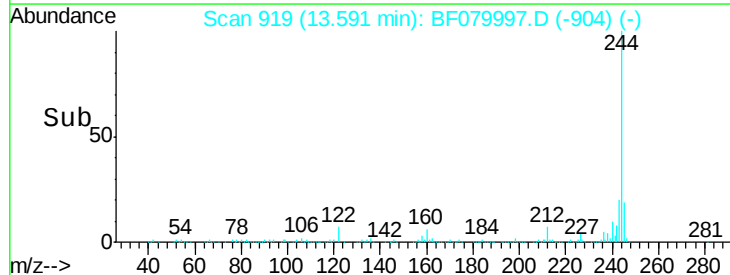
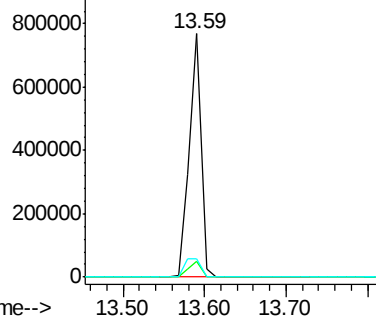


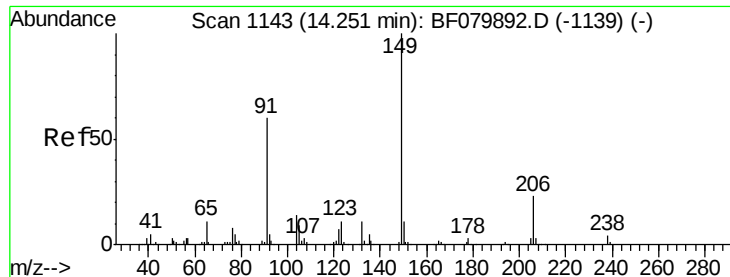
#78
 Terphenyl-d14
 Concen: 82.24 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.3	7.8	11.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.25 ng

RT: 14.13 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

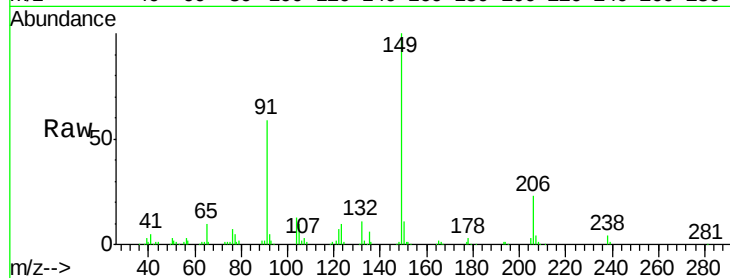
Tgt Ion:149 Resp: 208979

Ion Ratio Lower Upper

149 100

91 59.4 48.1 72.1

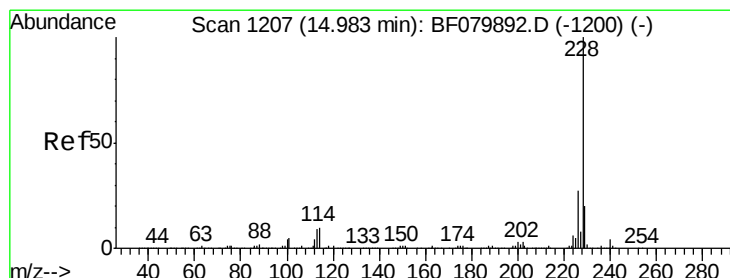
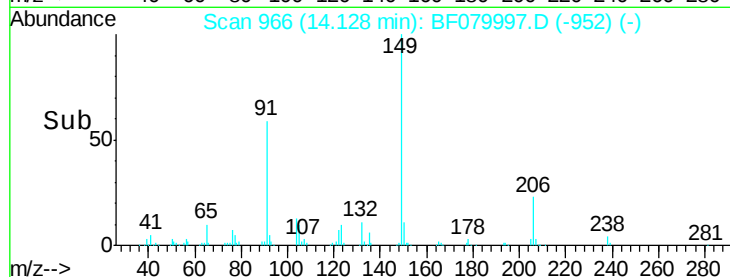
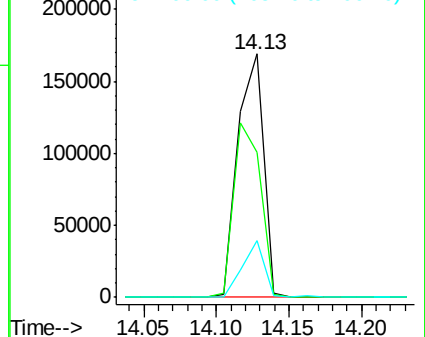
206 23.3 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.41 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.07 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

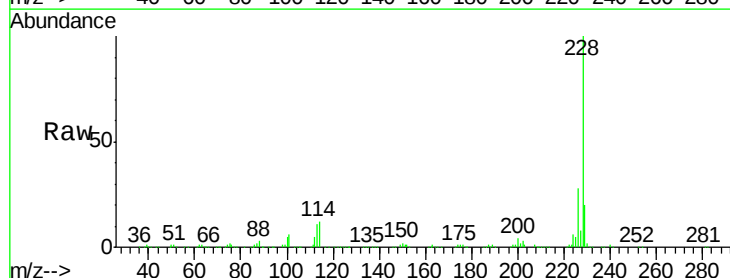
Tgt Ion:228 Resp: 531188

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

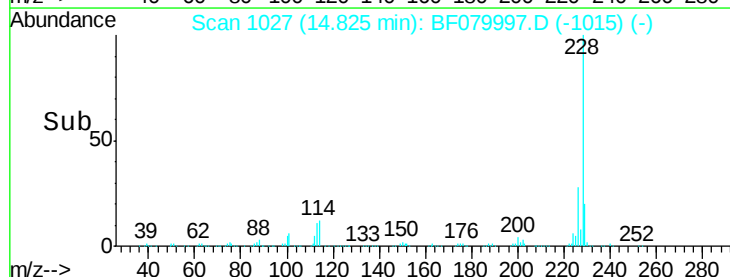
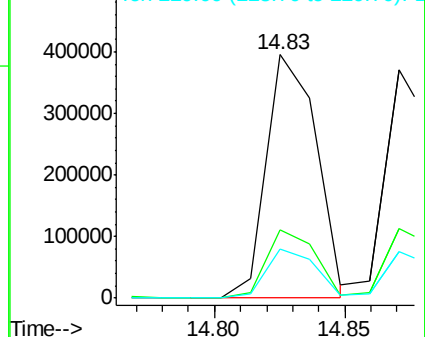
229 20.1 15.9 23.9

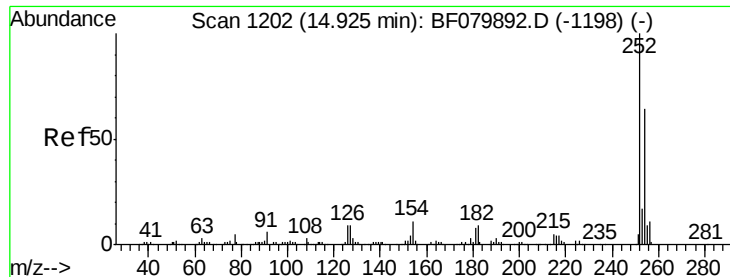


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

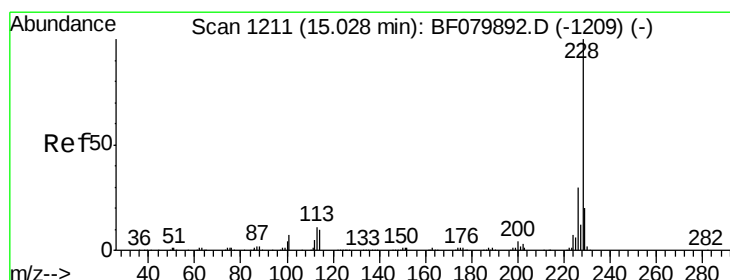
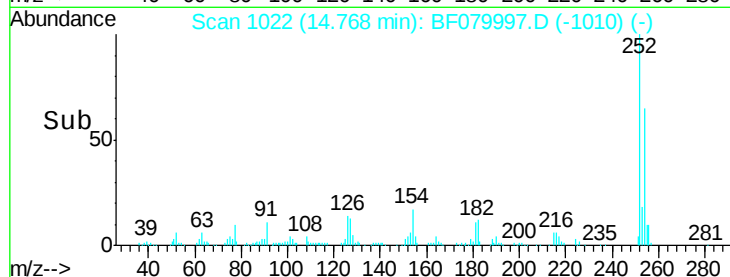
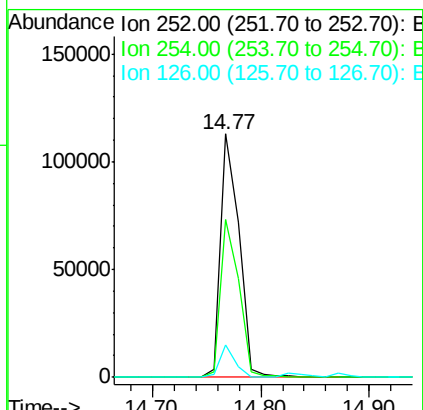
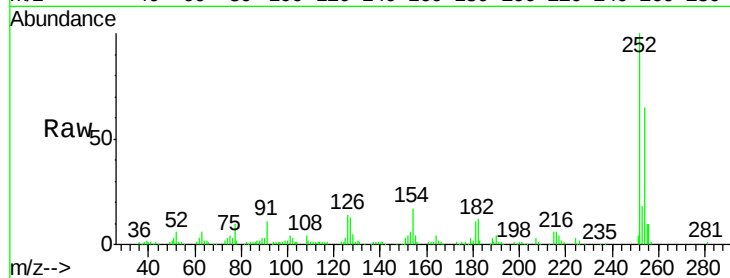




#81
 3,3'-Dichlorobenzidine
 Concen: 30.42 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.07 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

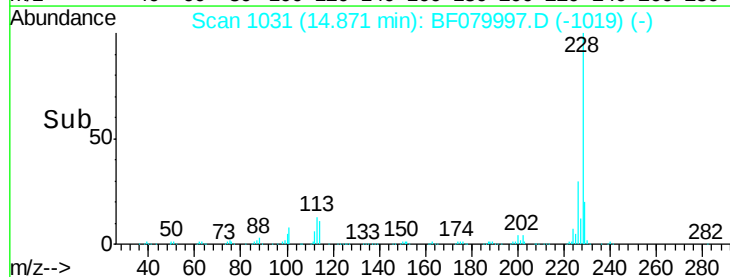
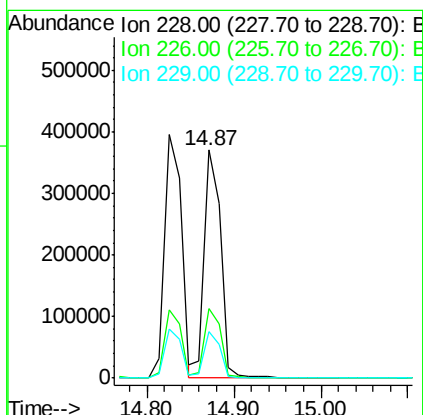
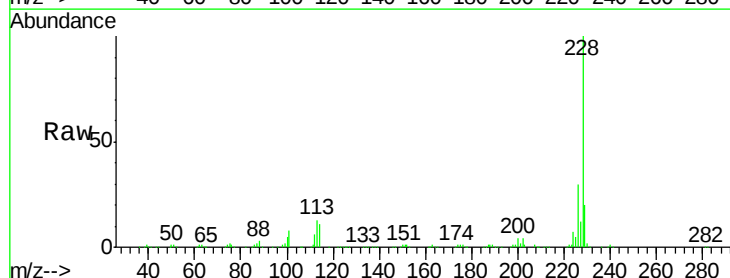
Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

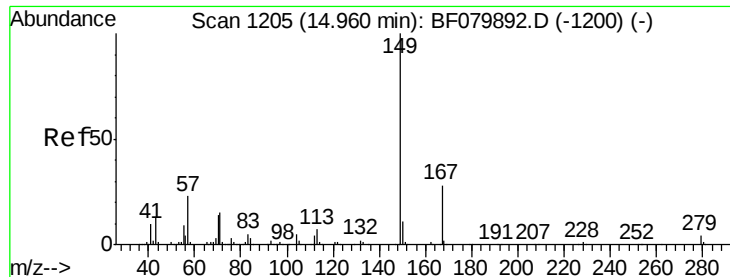
Tgt Ion:252 Resp: 134497
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.1 76.7
 126 13.5 7.3 10.9#



#82
 Chrysene
 Concen: 40.03 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.07 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion:228 Resp: 491115
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.66 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.07 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

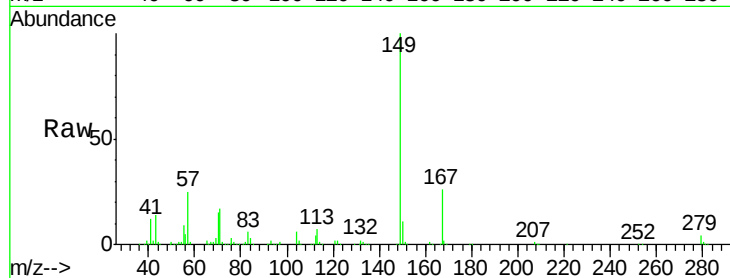
Tgt Ion:149 Resp: 322758

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

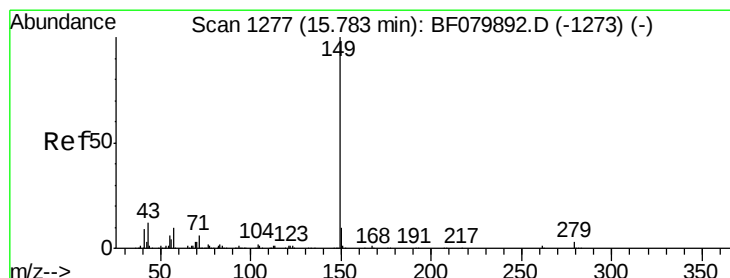
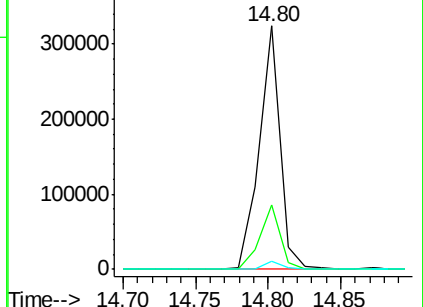
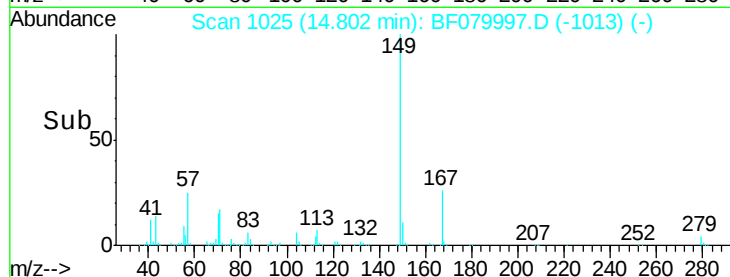
279 3.5 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.89 ng

RT: 15.59 min Scan# 1094

Delta R.T. -0.09 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

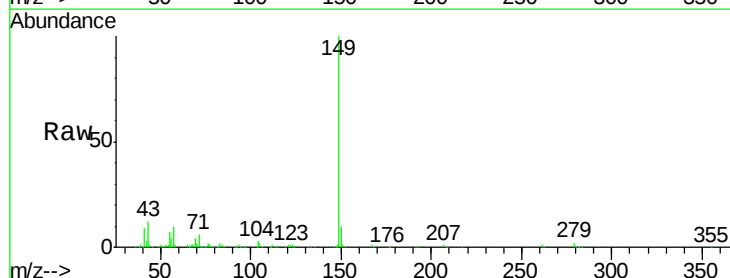
Tgt Ion:149 Resp: 529139

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

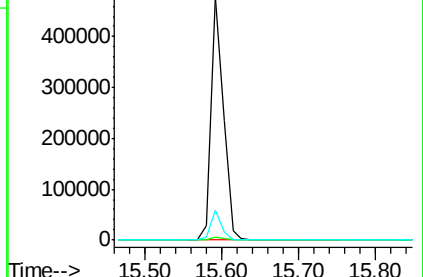
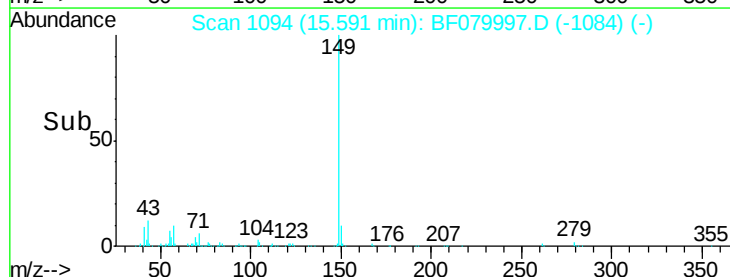
43 10.9 8.8 13.2

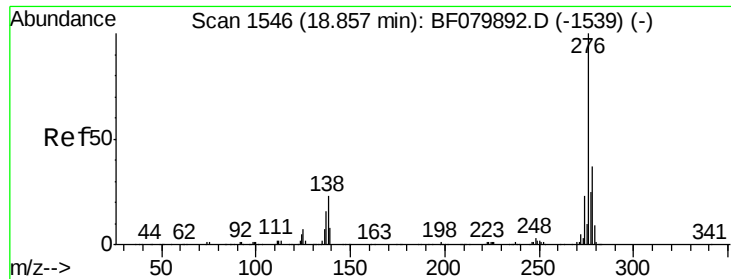


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

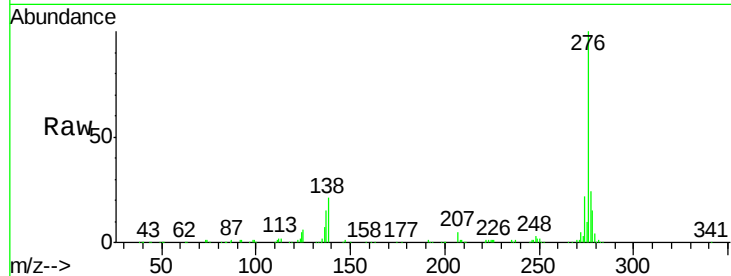




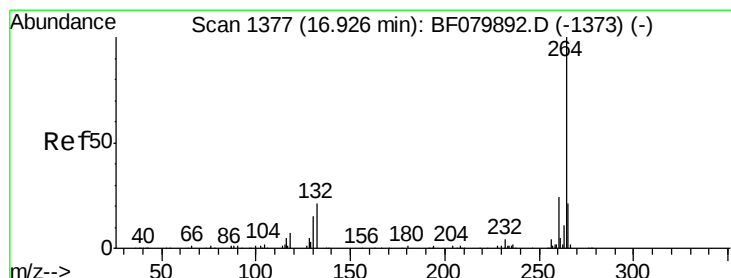
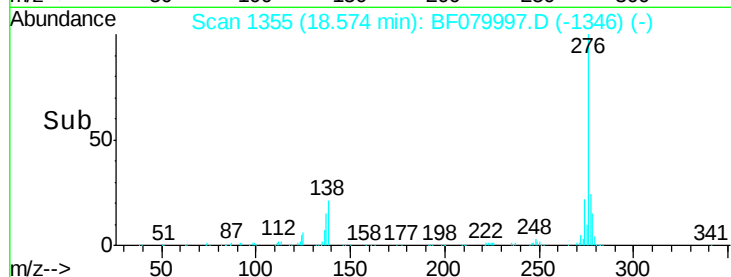
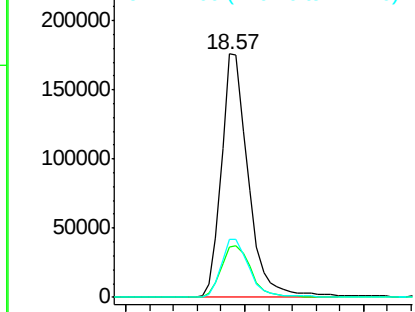
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.23 ng
 RT: 18.57 min Scan# 1355
 Delta R.T. -0.10 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.0	31.4
277	25.0	19.9	29.9

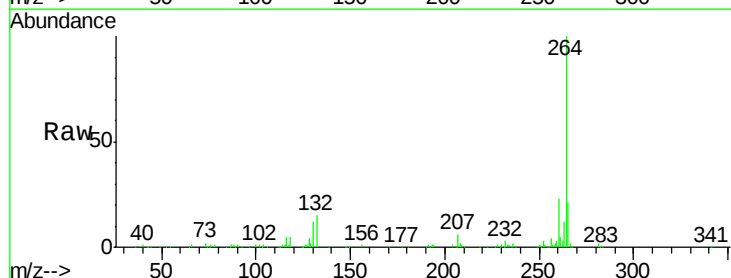


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

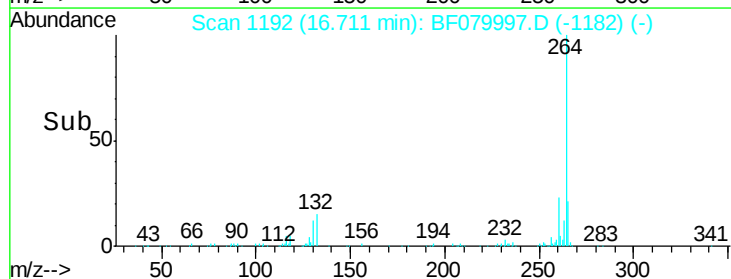
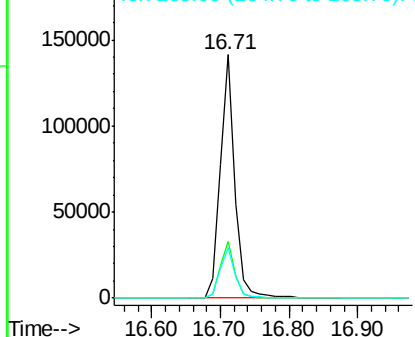


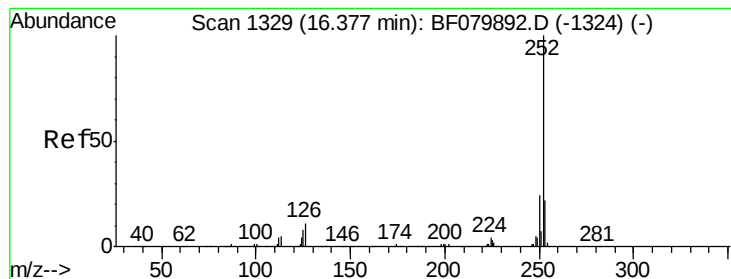
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.71 min Scan# 1192
 Delta R.T. -0.09 min
 Lab File: BF079997.D
 Acq: 16 Jun 2015 18:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	20.9	17.0	25.6



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





#87

Benzo(b)fluoranthene

Concen: 39.06 ng

RT: 16.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

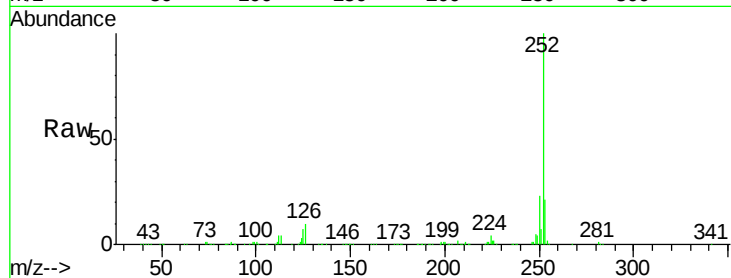
Tgt Ion:252 Resp: 506710

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

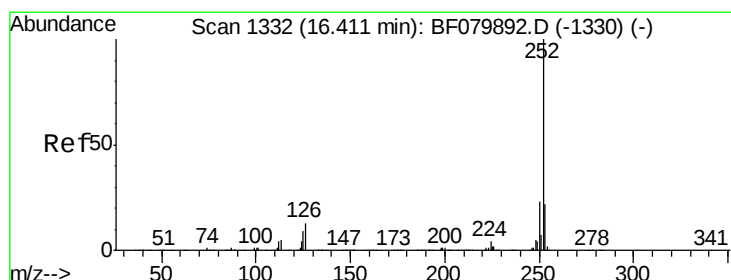
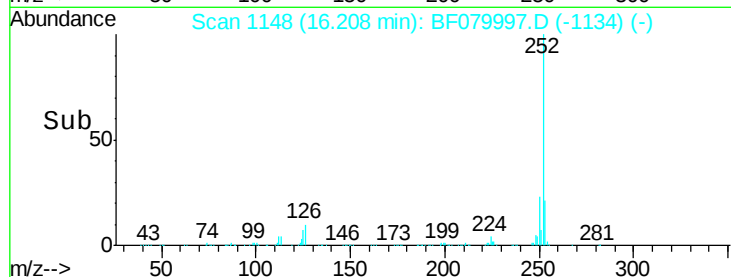
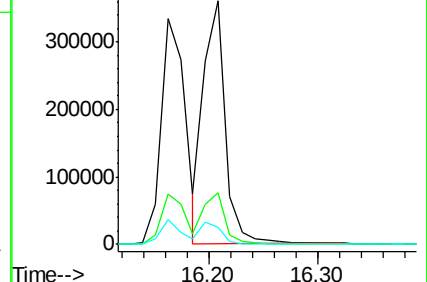
125 7.1 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.60 ng

RT: 16.16 min Scan# 1144

Delta R.T. -0.13 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

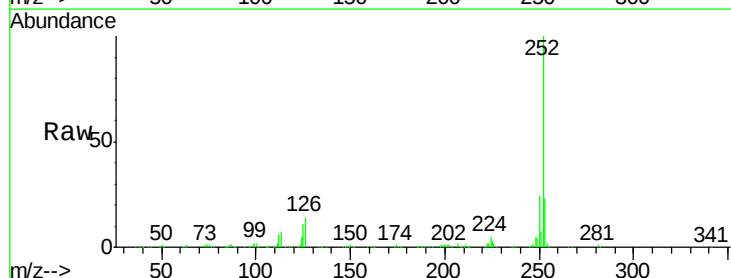
Tgt Ion:252 Resp: 510591

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

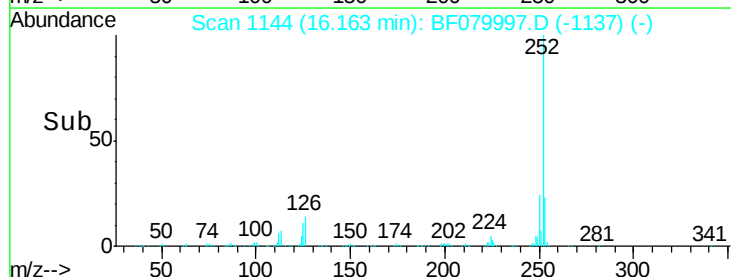
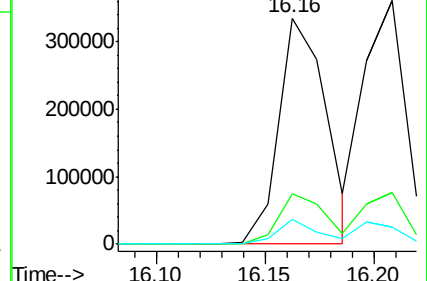
125 10.7 7.4 11.0

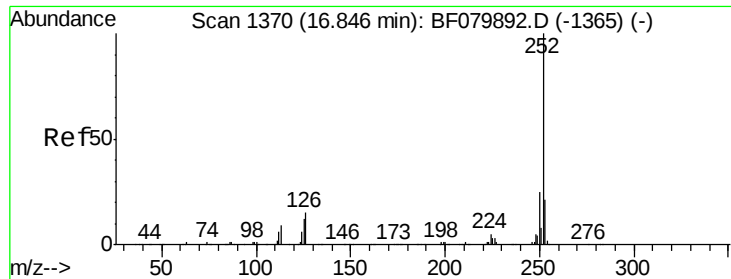


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.57 ng

RT: 16.63 min Scan# 1185

Delta R.T. -0.09 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS

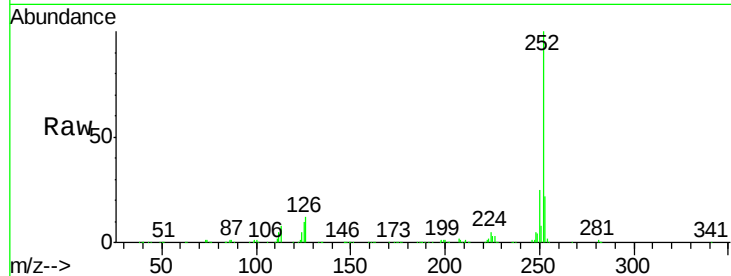
Tgt Ion:252 Resp: 500492

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

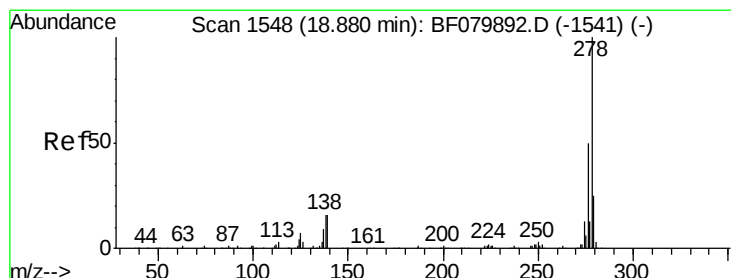
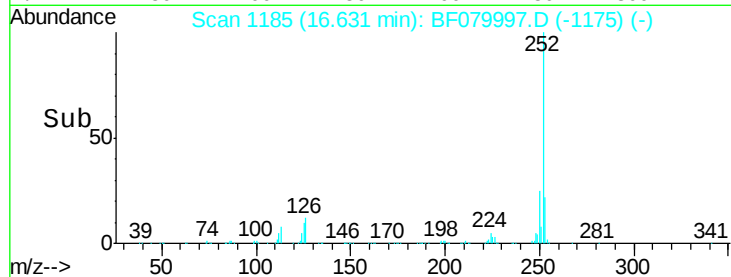
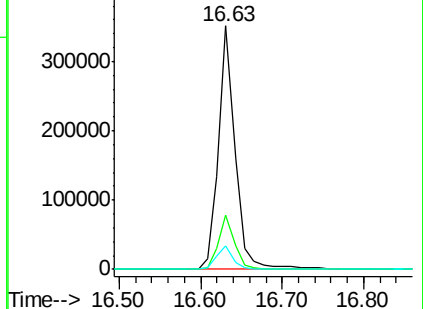
125 9.8 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.22 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.09 min

Lab File: BF079997.D

Acq: 16 Jun 2015 18:24

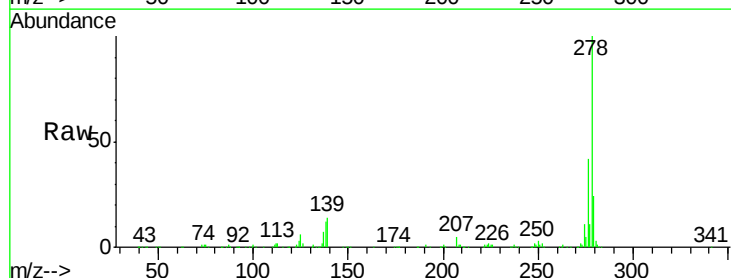
Tgt Ion:278 Resp: 463441

Ion Ratio Lower Upper

278 100

139 14.2 12.8 19.2

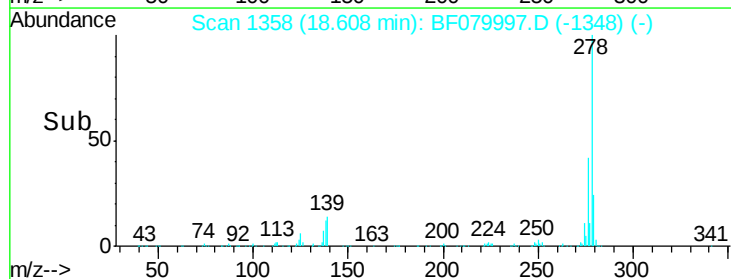
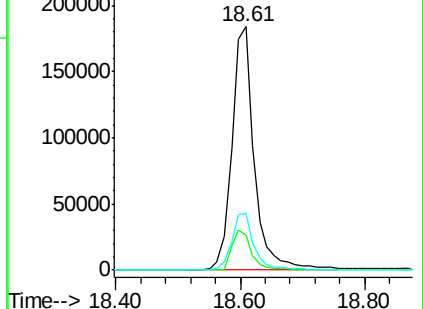
279 23.6 19.7 29.5

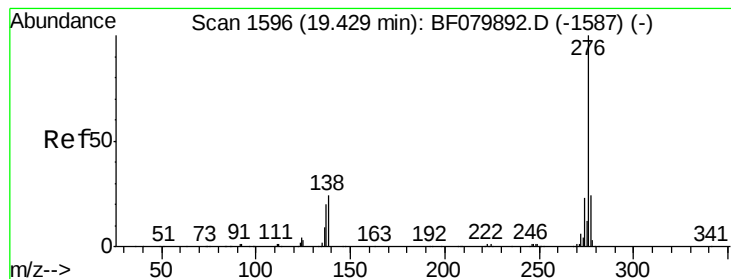


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.94 ng

RT: 19.15 min Scan# 1405

Delta R.T. -0.09 min

Lab File: BF079997.D

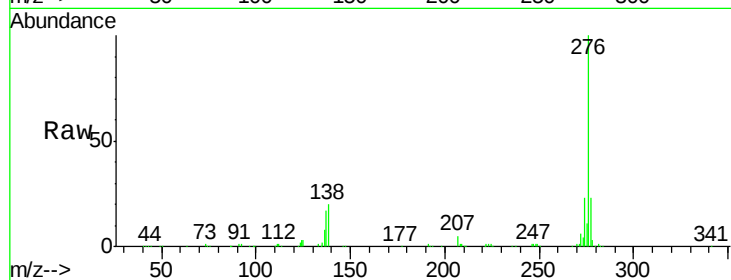
Acq: 16 Jun 2015 18:24

Instrument :

BNA_F

ClientSampleId :

PB84029BS



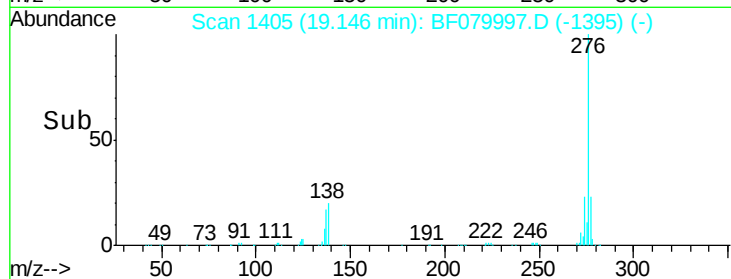
Tgt Ion: 276 Resp: 476043

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.2

138 19.7 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

