

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079937.D
 Acq On : 12 Jun 2015 15:53
 Operator : TP/IZ
 Sample : PB83970BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Quant Time: Jun 12 23:08:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	49328	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	192312	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	106169	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	220328	20.00	ng	-0.02
75) Chrysene-d12	14.96	240	250374	20.00	ng	-0.18
86) Perylene-d12	16.88	264	234825	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	325652	121.05	ng	0.00
7) Phenol-d6	6.97	99	413939	112.94	ng	0.00
23) Nitrobenzene-d5	7.93	82	241758	82.94	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	107553	101.25	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	532817	70.27	ng	0.00
78) Terphenyl-d14	13.67	244	708665	65.26	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	36459	29.79	ng	94
3) Pyridine	4.11	79	112048	35.73	ng	99
4) n-Nitrosodimethylamine	4.02	42	57278	37.06	ng	# 96
6) Aniline	7.03	93	105889	19.96	ng	95
8) 2-Chlorophenol	7.16	128	112321	34.35	ng	89
9) Benzaldehyde	6.92	77	76187	36.16	ng	84
10) Phenol	6.99	94	139143	34.52	ng	93
11) bis(2-Chloroethyl)ether	7.10	93	106902	32.96	ng	92
12) 1,3-Dichlorobenzene	7.39	146	139185	36.49	ng	99
13) 1,4-Dichlorobenzene	7.39	146	139185	35.13	ng	95
14) 1,2-Dichlorobenzene	7.55	146	134909	38.34	ng	93
15) Benzyl Alcohol	7.50	79	103862	35.34	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.64	45	183328	38.16	ng	96
17) 2-Methylphenol	7.60	107	93328	32.67	ng	96
18) Hexachloroethane	7.90	117	38948	31.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.77	70	85019	32.47	ng	# 90
20) 3+4-Methylphenols	7.76	107	131409	36.00	ng	97
22) Acetophenone	7.77	105	159382	35.09	ng	# 89
24) Nitrobenzene	7.95	77	124427	40.13	ng	# 84
25) Isophorone	8.19	82	219801	32.40	ng	# 90
26) 2-Nitrophenol	8.27	139	44282	41.06	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	112002	36.84	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	137513	34.14	ng	98
29) 2,4-Dichlorophenol	8.51	162	107294	42.14	ng	89
30) 1,2,4-Trichlorobenzene	8.60	180	113565	35.10	ng	97
31) Naphthalene	8.70	128	341863	32.52	ng	99
32) Benzoic acid	8.34	122	36639	33.91	ng	93
33) 4-Chloroaniline	8.73	127	72660	17.81	ng	# 90
34) Hexachlorobutadiene	8.81	225	69858	38.89	ng	97
35) Caprolactam	9.06	113	32763	40.69	ng	90
36) 4-Chloro-3-methylphenol	9.19	107	100999	34.72	ng	# 85
37) 2-Methylnaphthalene	9.38	142	237562	33.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	114750	32.27	ng	98
40) Hexachlorocyclopentadiene	9.54	237	97276	66.71	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

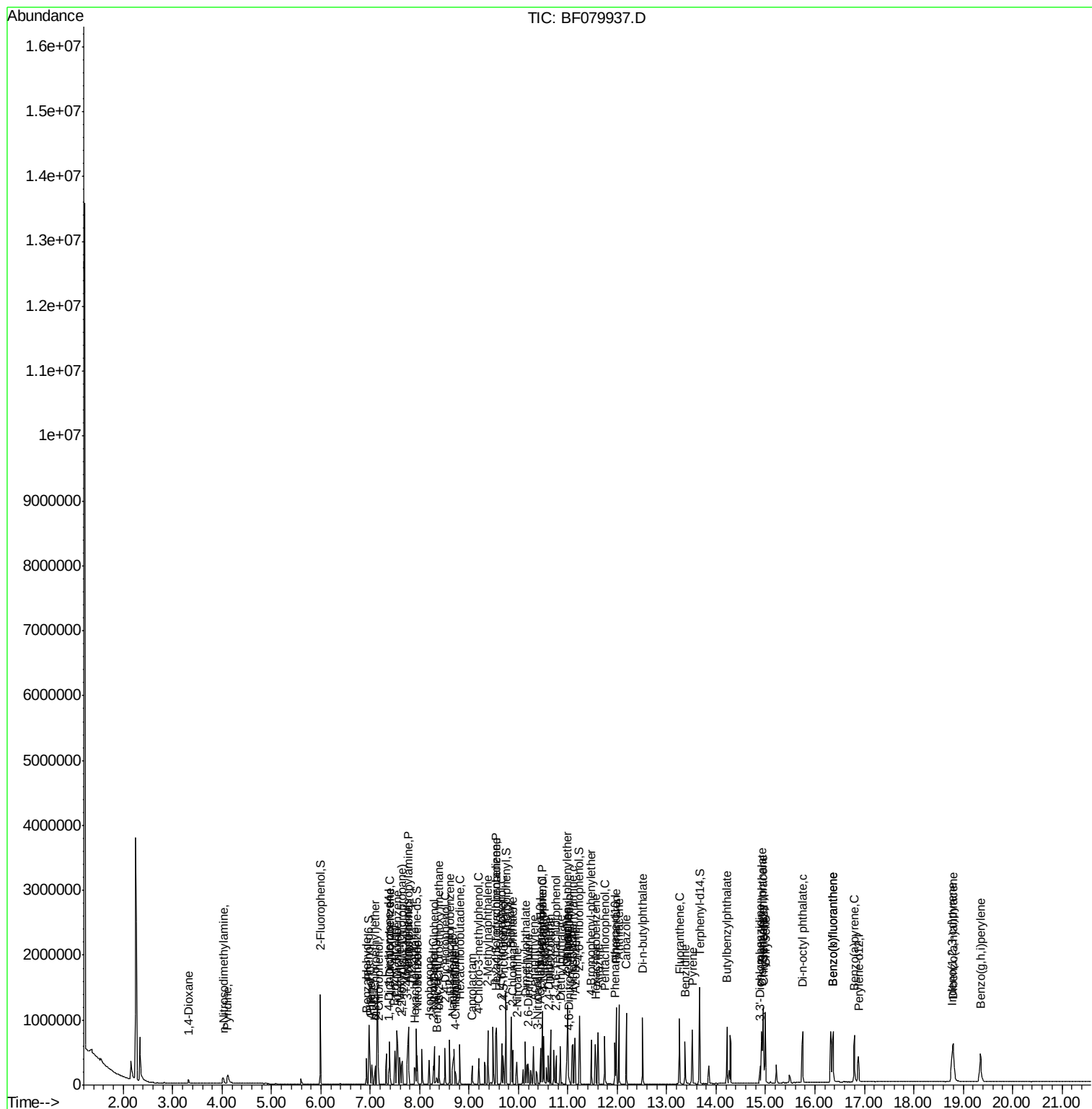
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	76701	35.01	ng	98
43) 2,4,5-Trichlorophenol	9.69	196	75835	31.36	ng #	88
45) 1,1'-Biphenyl	9.85	154	312297	36.35	ng	95
46) 2-Chloronaphthalene	9.88	162	227699	31.13	ng #	92
47) 2-Nitroaniline	9.96	65	53249	35.15	ng #	60
48) Acenaphthylene	10.31	152	375199	30.38	ng	98
49) Dimethylphthalate	10.14	163	291069	34.22	ng	98
50) 2,6-Dinitrotoluene	10.20	165	47463	31.64	ng #	64
51) Acenaphthene	10.48	154	237254	33.80	ng	94
52) 3-Nitroaniline	10.38	138	39851	22.70	ng #	69
53) 2,4-Dinitrophenol	10.48	184	24736	78.09	ng #	1
54) Dibenzofuran	10.65	168	356964	34.81	ng	91
55) 4-Nitrophenol	10.51	139	103213	76.15	ng #	79
56) 2,4-Dinitrotoluene	10.61	165	65539	33.44	ng #	63
57) Fluorene	10.99	166	282029	31.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.77	232	69378	37.85	ng	93
59) Diethylphthalate	10.85	149	276081	32.46	ng	94
60) 4-Chlorophenyl-phenylether	10.98	204	136639	34.23	ng #	82
61) 4-Nitroaniline	10.98	138	53825	28.51	ng	87
62) Azobenzene	11.14	77	269133	32.89	ng	85
64) 4,6-Dinitro-2-methylphenol	11.02	198	16580	36.62	ng #	37
65) n-Nitrosodiphenylamine	11.10	169	234635	32.99	ng	99
66) 4-Bromophenyl-phenylether	11.47	248	81048	32.83	ng #	83
67) Hexachlorobenzene	11.55	284	86829	32.24	ng #	78
68) Atrazine	11.61	200	81027	37.01	ng	96
69) Pentachlorophenol	11.75	266	87280	70.18	ng	95
70) Phenanthrene	11.98	178	439182	33.45	ng	100
71) Anthracene	12.03	178	466806	36.74	ng	99
72) Carbazole	12.18	167	411837	33.42	ng	99
73) Di-n-butylphthalate	12.51	149	496056	36.95	ng	100
74) Fluoranthene	13.26	202	485093	33.42	ng	97
76) Benzidine	13.37	184	246703	35.58	ng	99
77) Pyrene	13.52	202	500590	31.83	ng	99
79) Butylbenzylphthalate	14.22	149	202136	38.07	ng #	85
80) Benzo(a)anthracene	14.95	228	491169	30.89	ng	100
81) 3,3'-Dichlorobenzidine	14.89	252	75731	14.90	ng	99
82) Chrysene	14.99	228	459681	32.35	ng	99
83) Bis(2-ethylhexyl)phthalate	14.93	149	317995	37.42	ng	100
84) Di-n-octyl phthalate	15.75	149	539401	38.92	ng	98
85) Indeno(1,2,3-cd)pyrene	18.78	276	524931	31.53	ng	99
87) Benzo(b)fluoranthene	16.37	252	472404	32.83	ng	99
88) Benzo(k)fluoranthene	16.37	252	475511	32.40	ng	98
89) Benzo(a)pyrene	16.80	252	465281	34.00	ng	97
90) Dibenzo(a,h)anthracene	18.80	278	439588	32.68	ng	97
91) Benzo(g,h,i)perylene	19.35	276	445544	32.01	ng	100

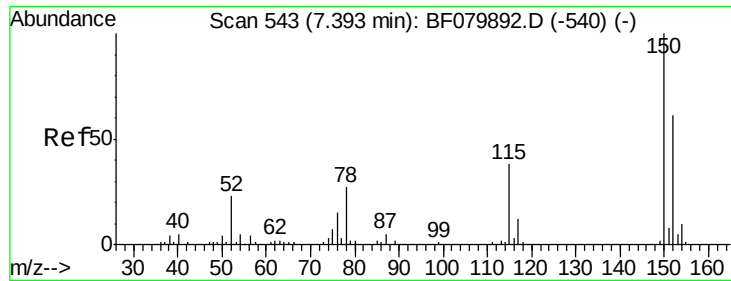
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB83970BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

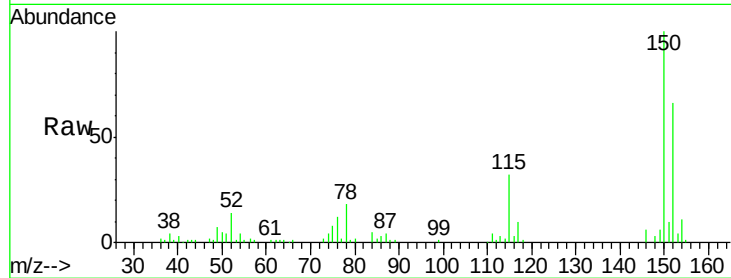
Tgt Ion:152 Resp: 49328

Ion Ratio Lower Upper

152 100

150 151.9 131.0 196.4

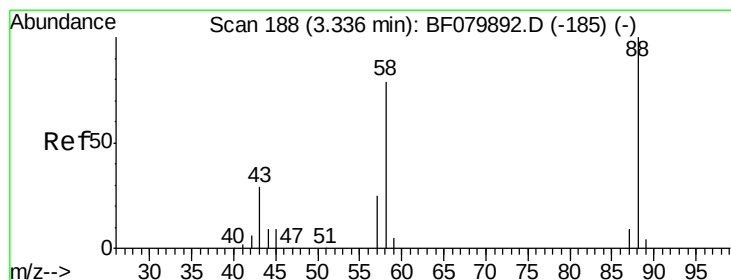
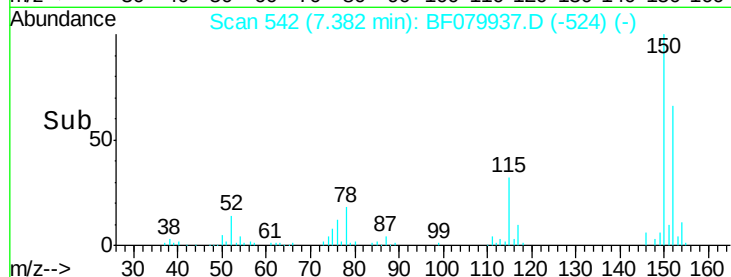
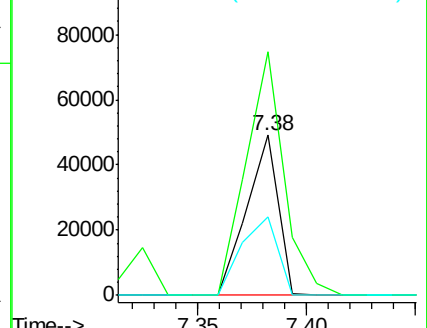
115 48.6 49.8 74.6#



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: 29.79 ng

RT: 3.31 min Scan# 186

Delta R.T. 0.01 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

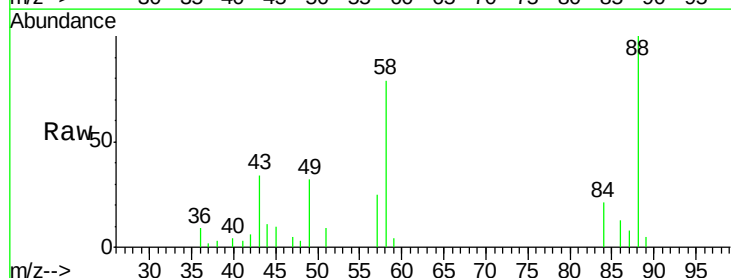
Tgt Ion: 88 Resp: 36459

Ion Ratio Lower Upper

88 100

58 82.9 63.0 94.4

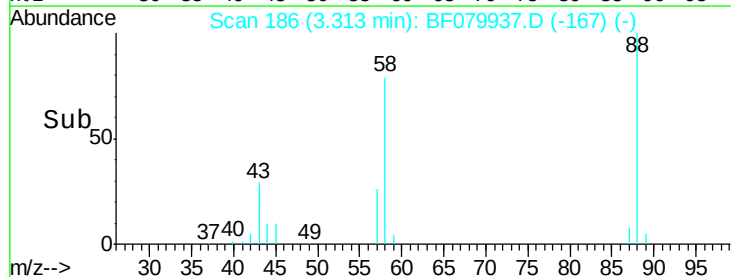
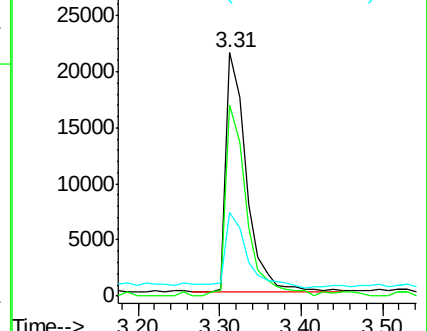
43 33.9 23.2 34.8

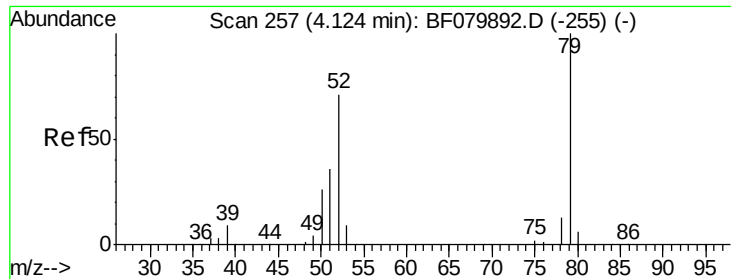


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.73 ng

RT: 4.11 min Scan# 256

Delta R.T. 0.02 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

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PB83970BS

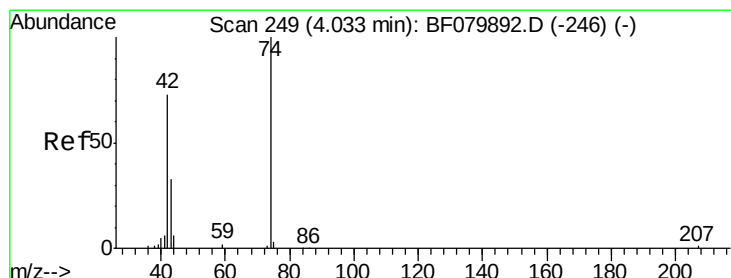
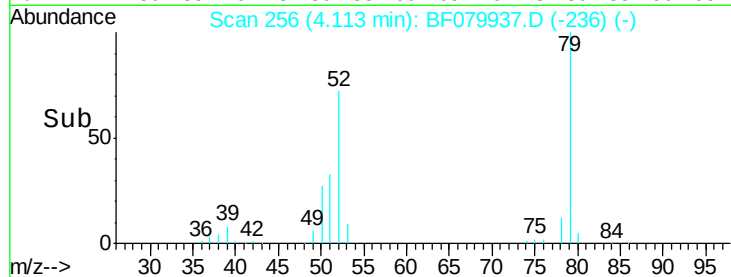
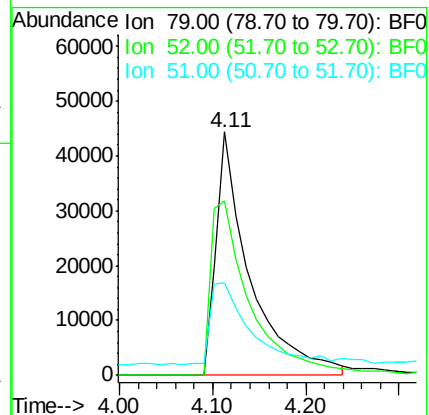
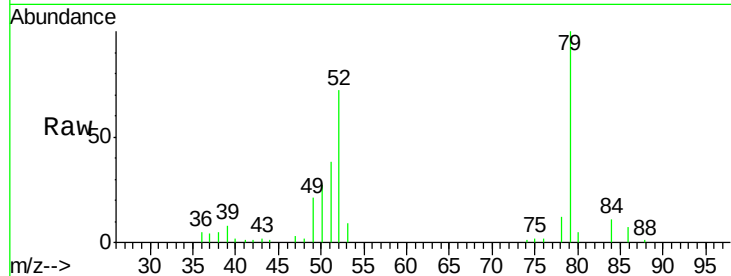
Tgt Ion: 79 Resp: 112048

Ion Ratio Lower Upper

79 100

52 71.6 56.7 85.1

51 37.8 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 37.06 ng

RT: 4.02 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

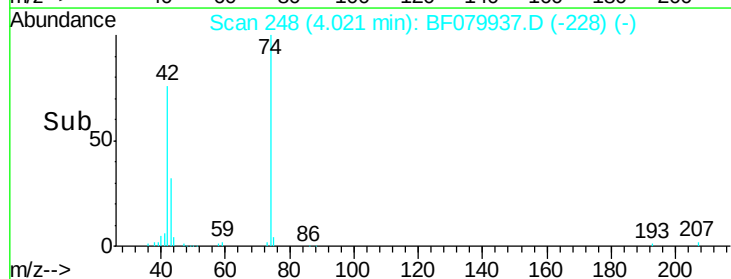
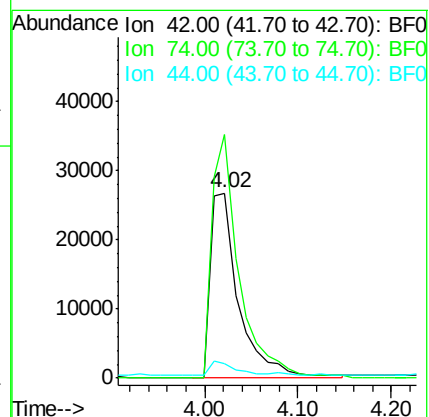
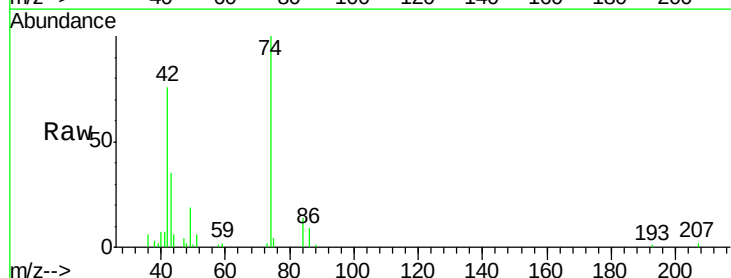
Tgt Ion: 42 Resp: 57278

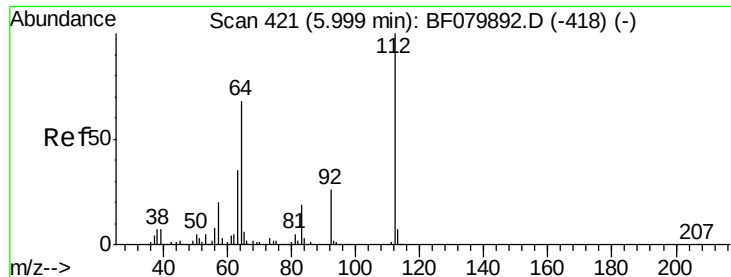
Ion Ratio Lower Upper

42 100

74 131.4 109.0 163.6

44 7.6 7.7 11.5#





#5

2-Fluorophenol

Concen: 121.05 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

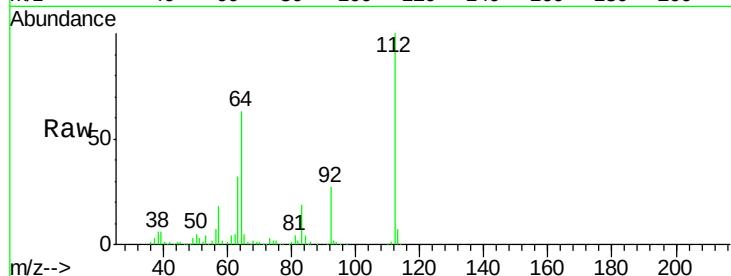
Tgt Ion: 112 Resp: 325652

Ion Ratio Lower Upper

112 100

64 63.2 54.5 81.7

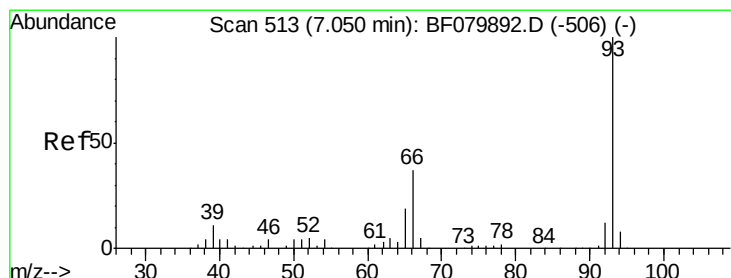
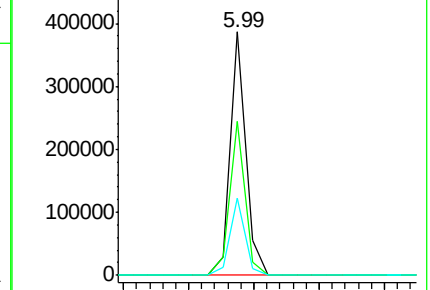
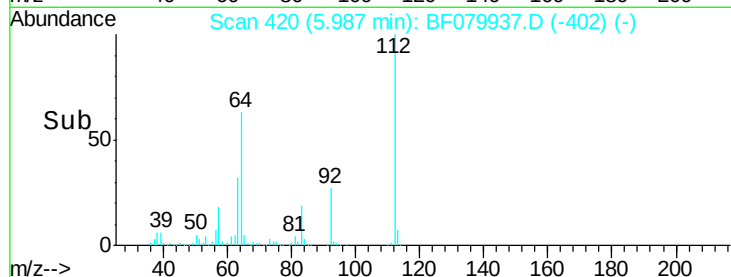
63 31.7 27.9 41.9



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: 19.96 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

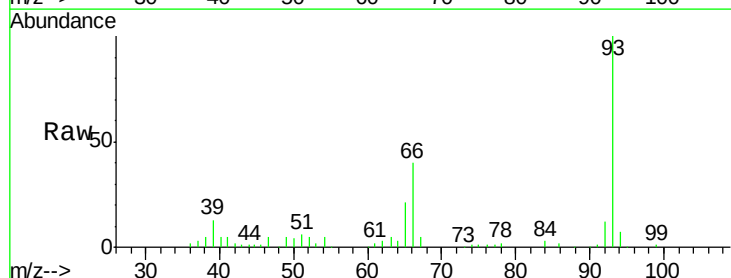
Tgt Ion: 93 Resp: 105889

Ion Ratio Lower Upper

93 100

66 39.7 29.4 44.0

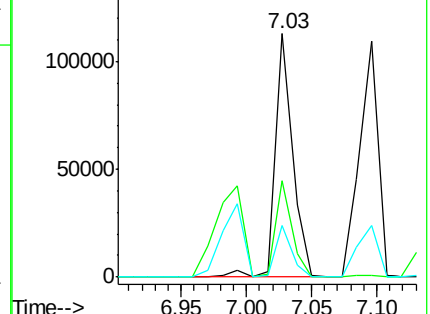
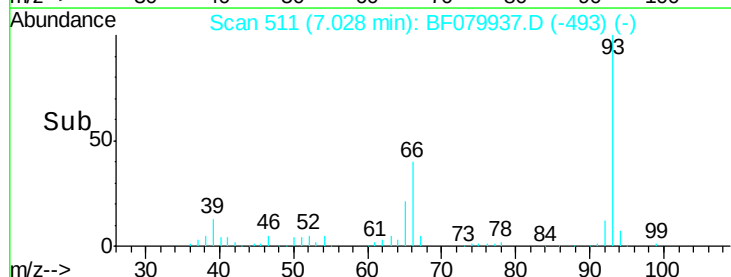
65 21.1 14.9 22.3

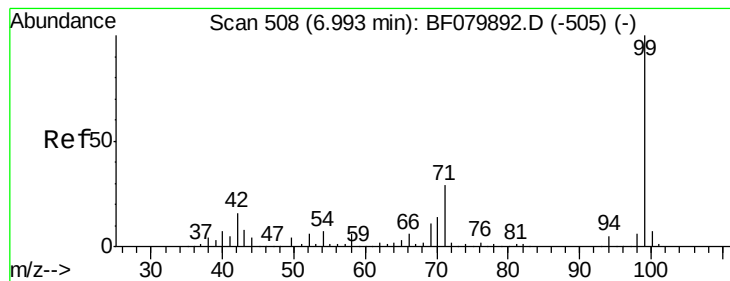


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.94 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

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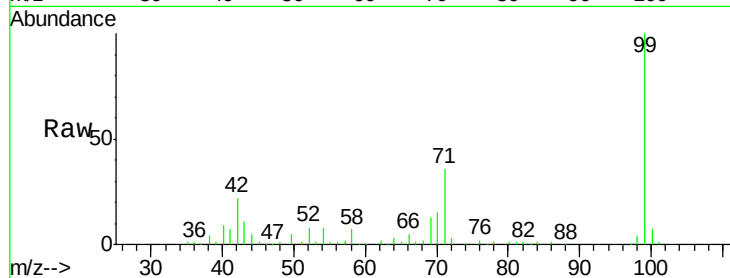
Tgt Ion: 99 Resp: 413939

Ion Ratio Lower Upper

99 100

42 21.8 12.9 19.3#

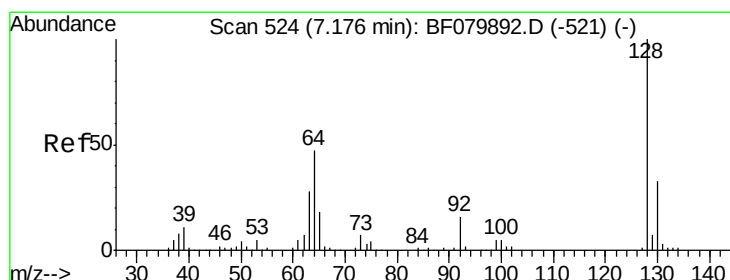
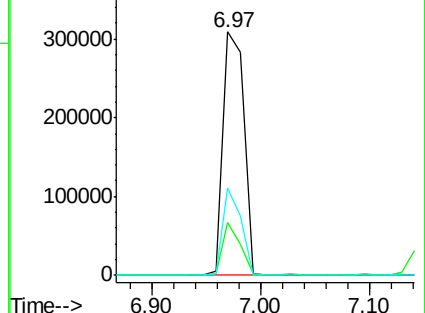
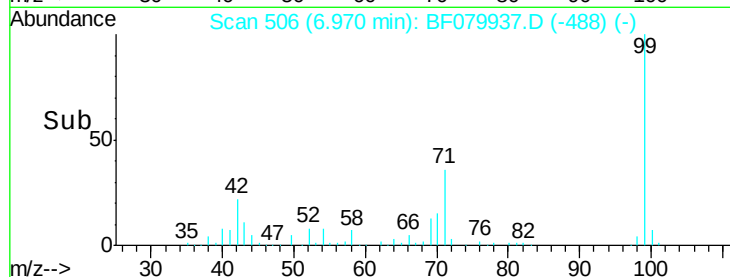
71 35.8 23.4 35.2#



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: 34.35 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

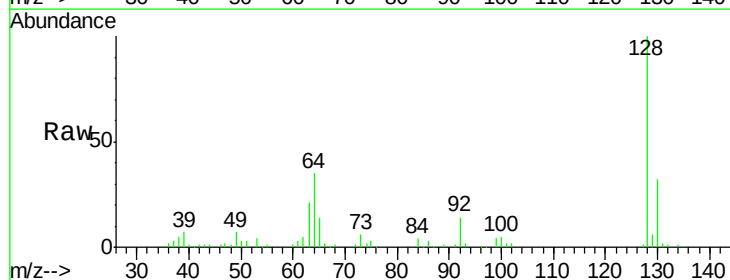
Tgt Ion: 128 Resp: 112321

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

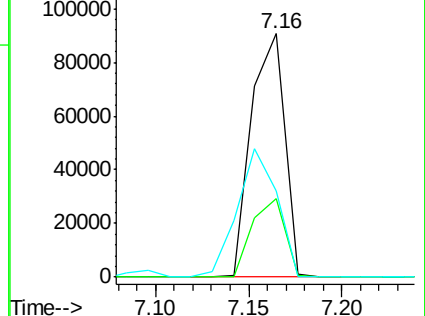
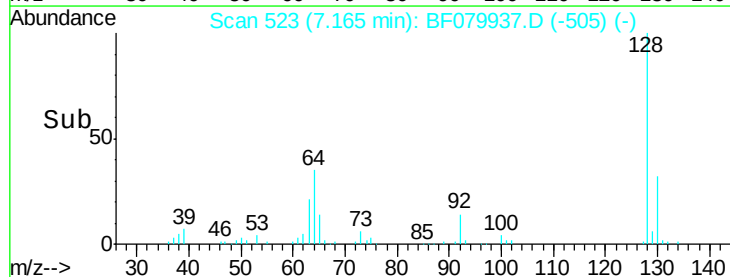
64 35.5 26.8 66.8

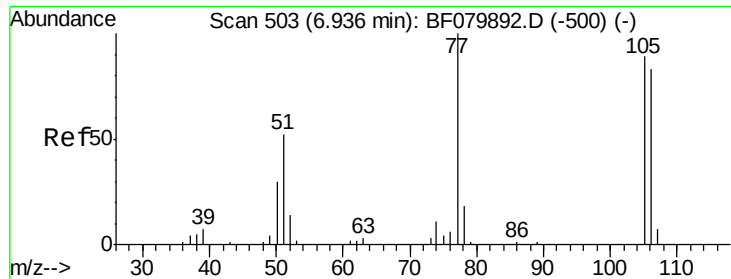


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.16 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

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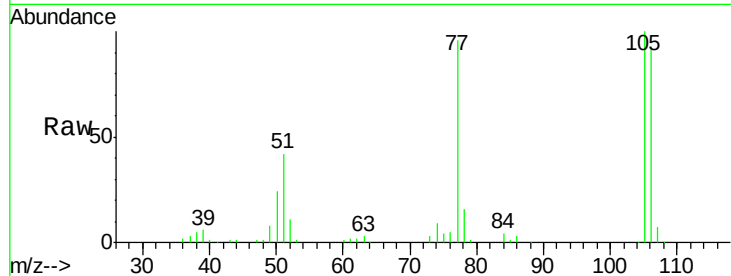
Tgt Ion: 77 Resp: 76187

Ion Ratio Lower Upper

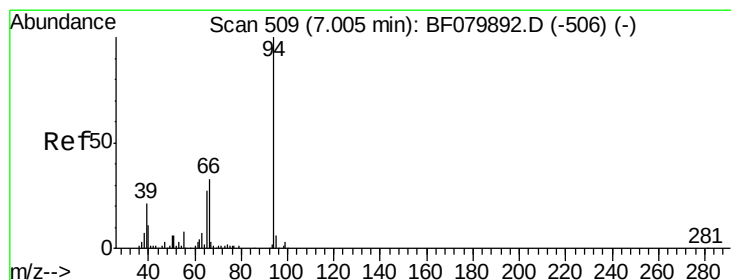
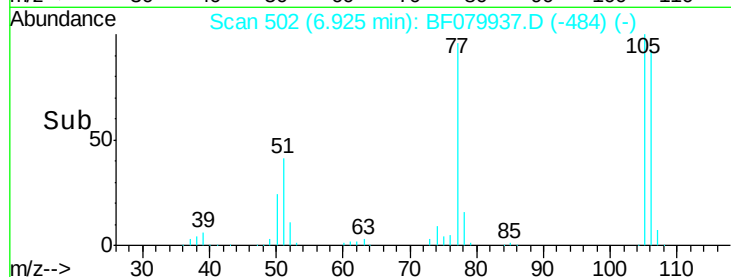
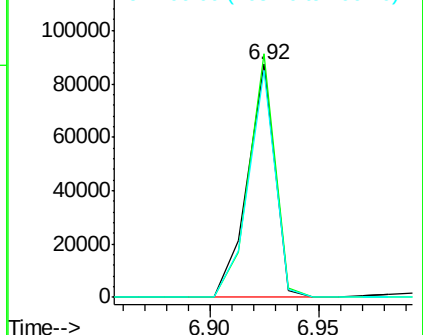
77 100

105 104.5 68.6 108.6

106 97.2 63.3 103.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 34.52 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

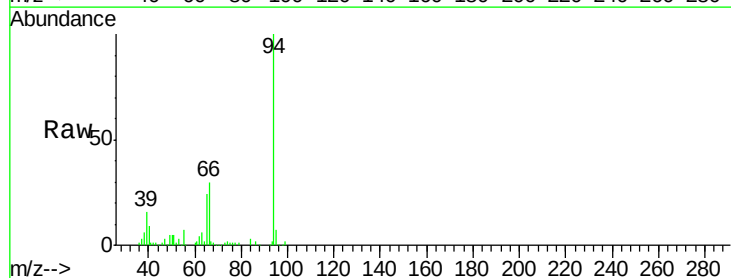
Tgt Ion: 94 Resp: 139143

Ion Ratio Lower Upper

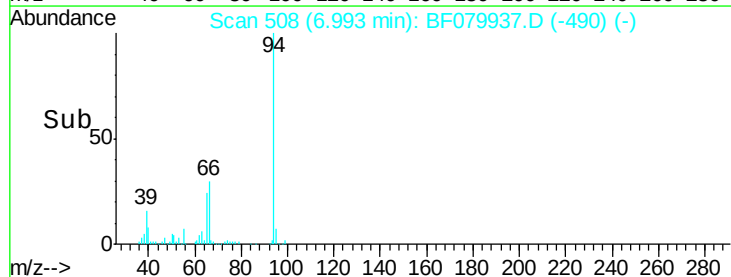
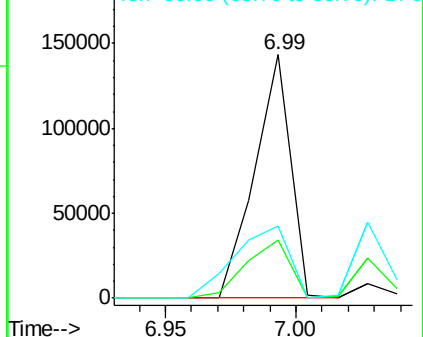
94 100

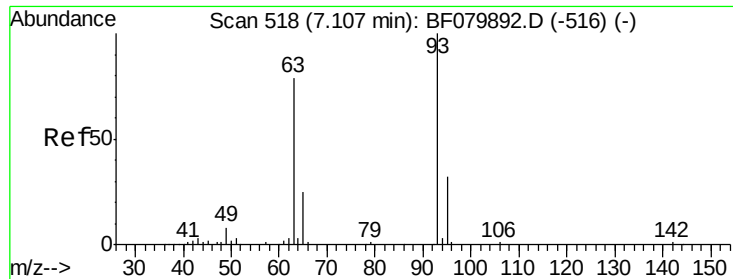
65 23.7 7.0 47.0

66 29.6 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

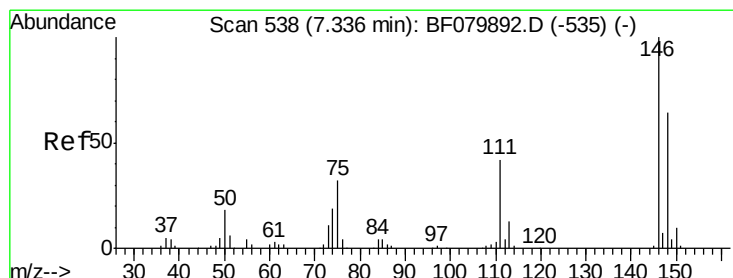
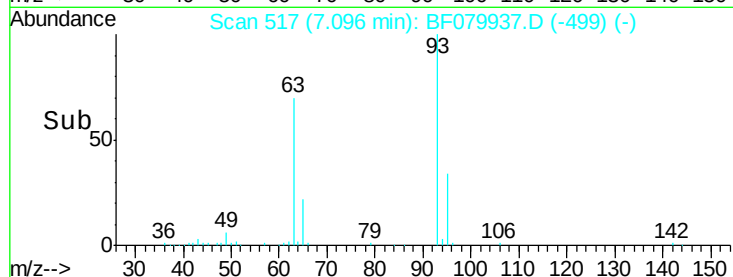
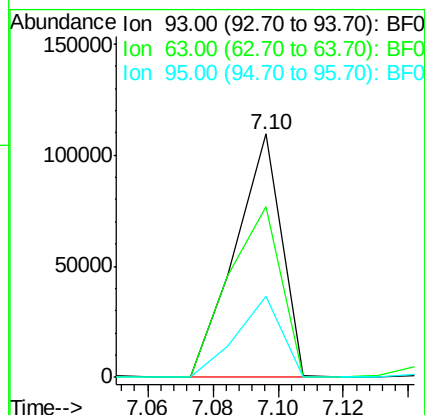
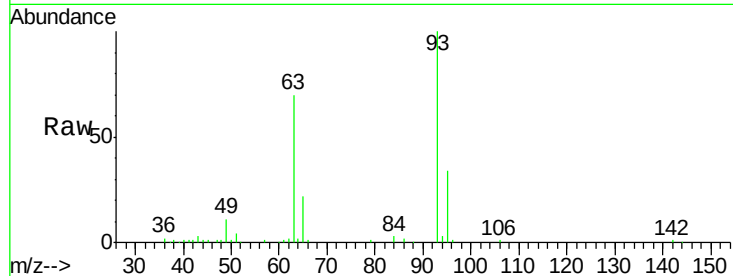




#11
bis(2-Chloroethyl)ether
Concen: 32.96 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

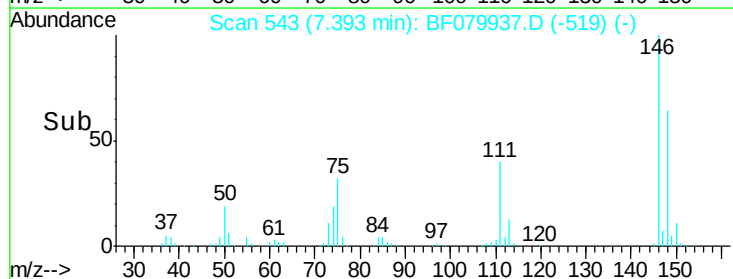
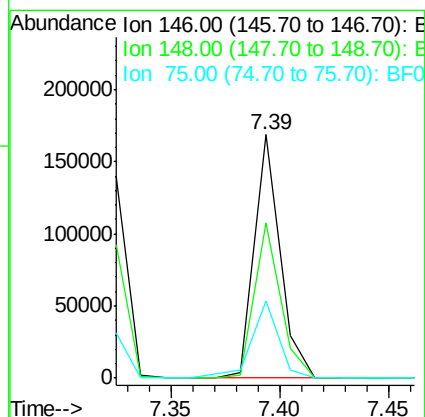
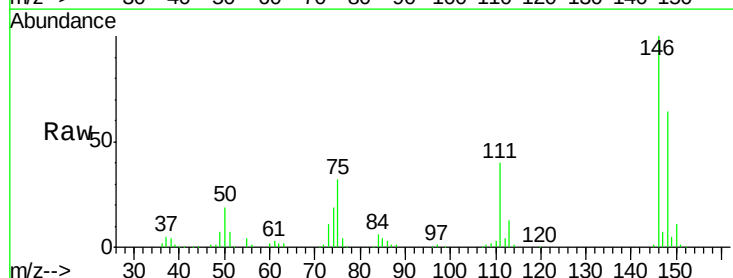
Instrument :
BNA_F
ClientSampleId :
PB83970BS

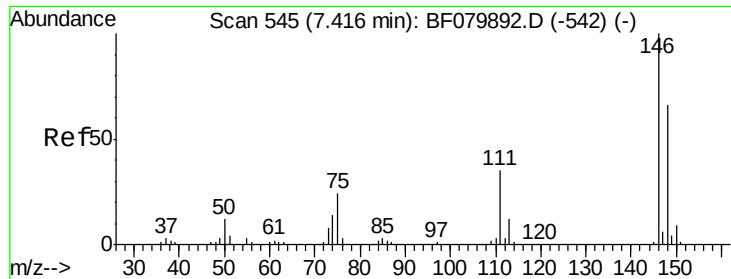
Tgt Ion: 93 Resp: 106902
Ion Ratio Lower Upper
93 100
63 70.1 58.7 98.7
95 33.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.49 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.07 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion: 146 Resp: 139185
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 31.6 25.8 38.6

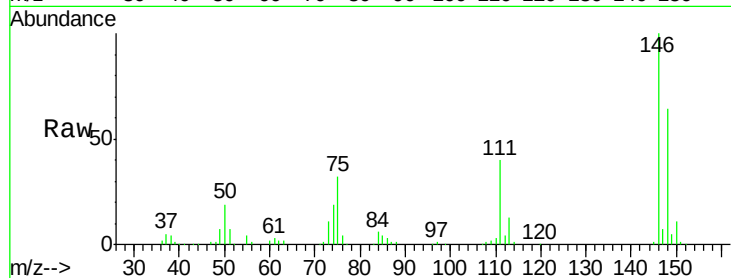




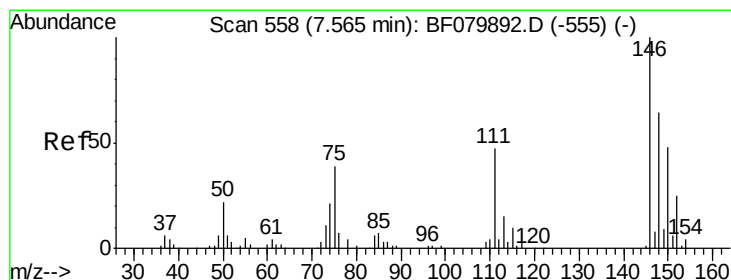
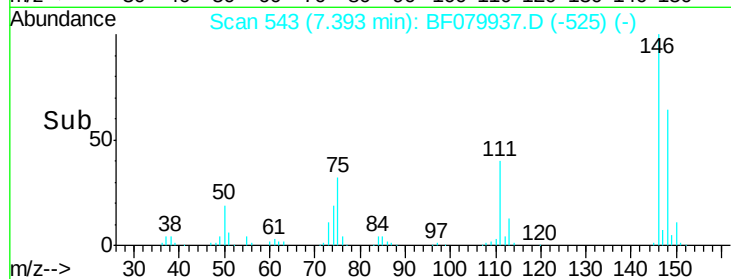
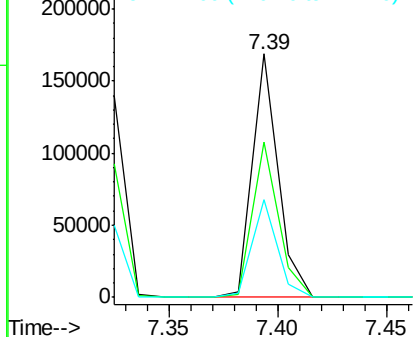
#13
 1,4-Dichlorobenzene
 Concen: 35.13 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:146 Resp: 139185
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.0 79.6
 111 40.4 28.2 42.2

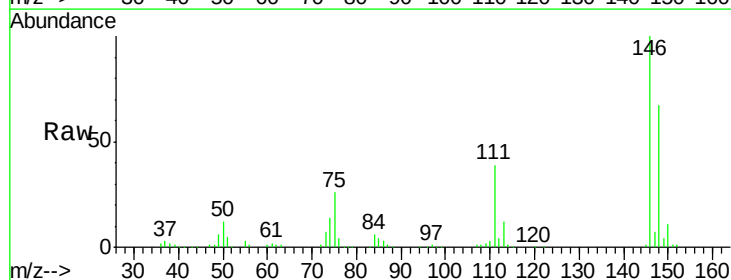


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

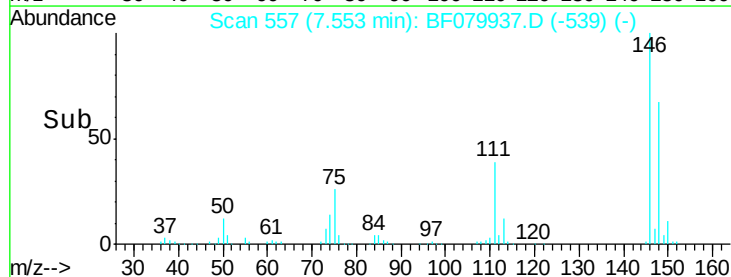
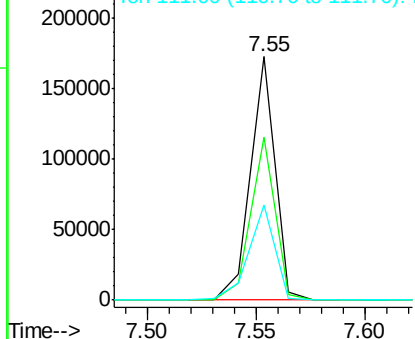


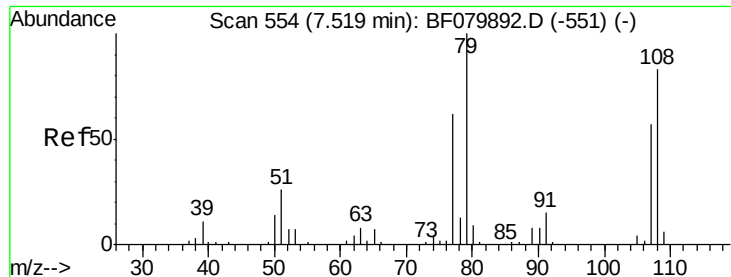
#14
 1,2-Dichlorobenzene
 Concen: 38.34 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:146 Resp: 134909
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.2 76.8
 111 39.0 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: 35.34 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

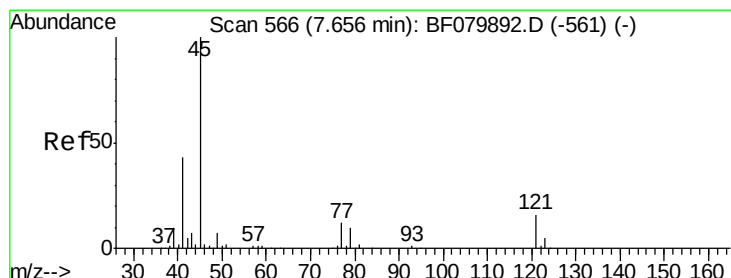
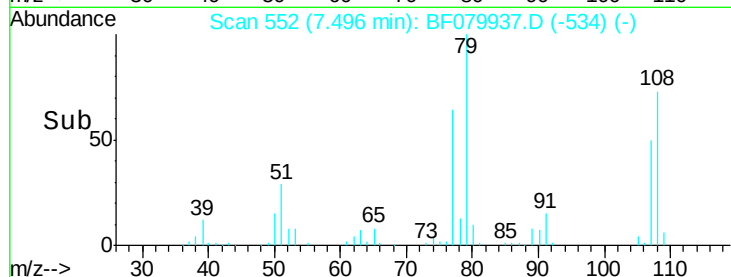
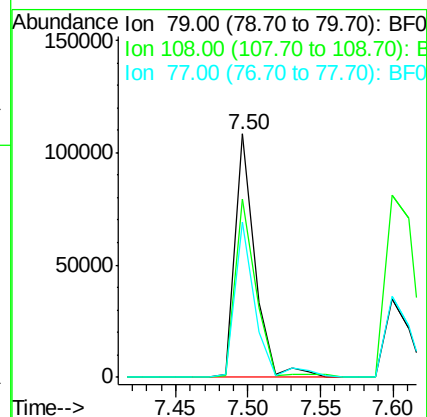
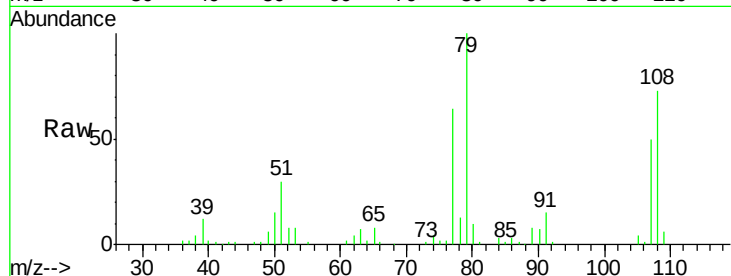
Tgt Ion: 79 Resp: 103862

Ion Ratio Lower Upper

79 100

108 73.2 66.4 99.6

77 63.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.16 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

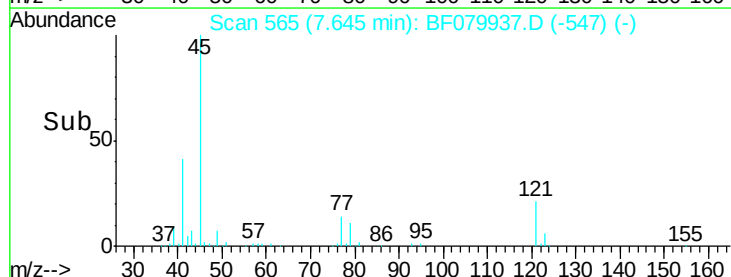
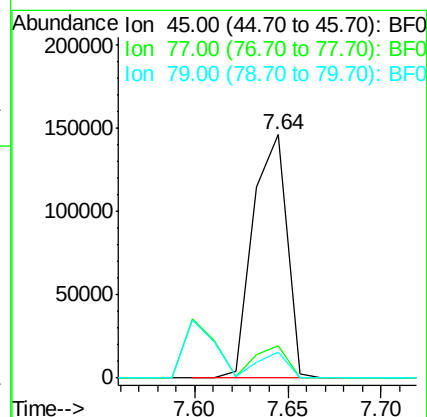
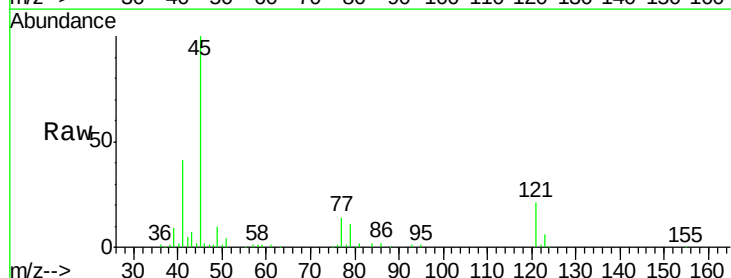
Tgt Ion: 45 Resp: 183328

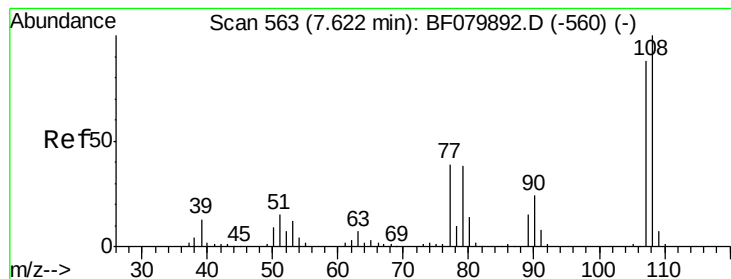
Ion Ratio Lower Upper

45 100

77 13.5 0.0 31.9

79 10.9 0.0 29.6

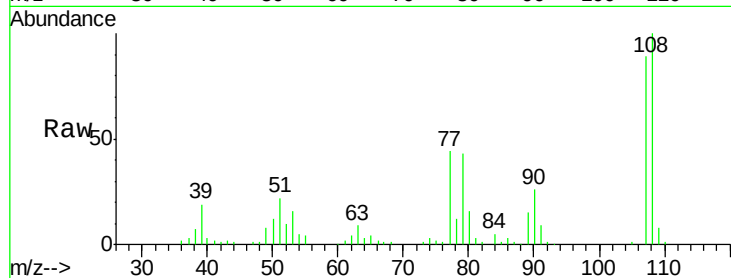




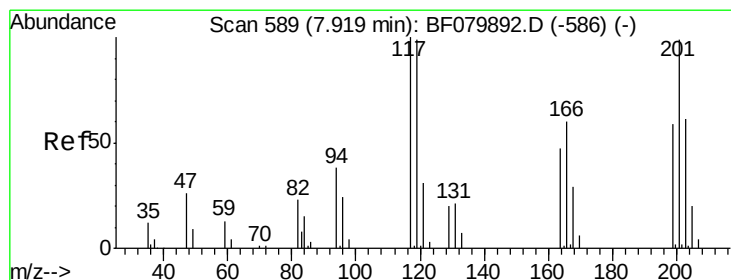
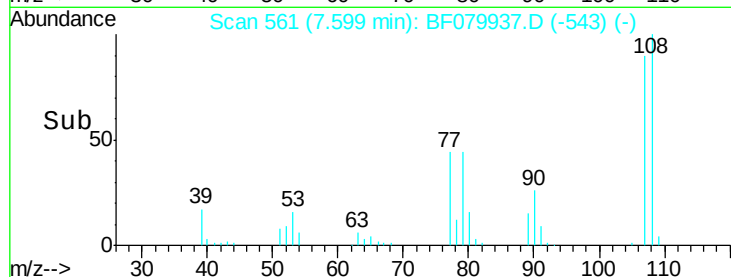
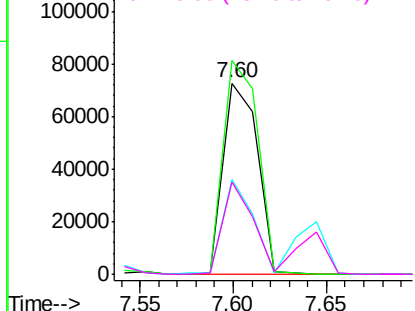
#17
2-Methylphenol
Concen: 32.67 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:107 Resp: 93328
Ion Ratio Lower Upper
107 100
108 112.0 90.8 136.2
77 49.4 35.4 53.2
79 48.1 34.7 52.1

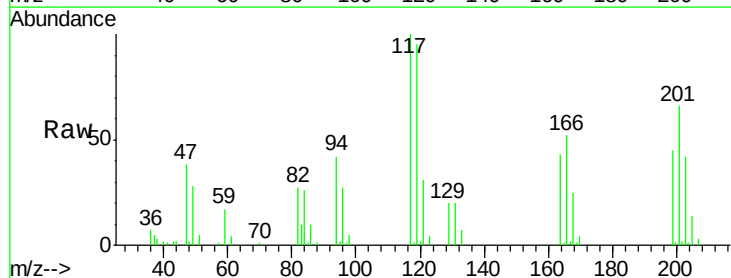


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

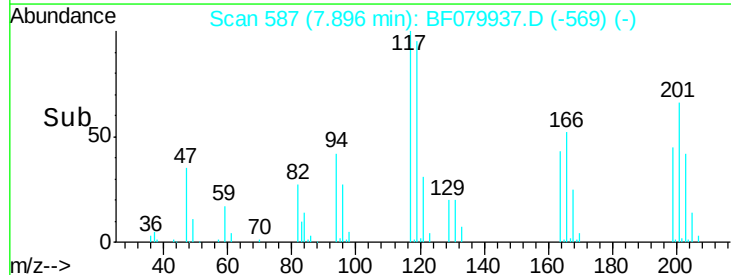
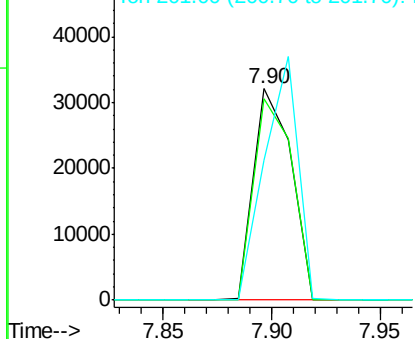


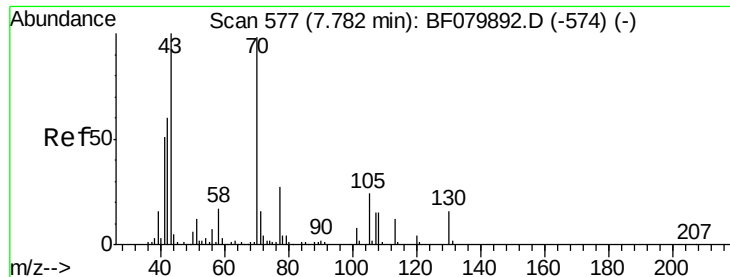
#18
Hexachloroethane
Concen: 31.75 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:117 Resp: 38948
Ion Ratio Lower Upper
117 100
119 95.4 79.0 118.6
201 66.2 79.0 118.6#



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

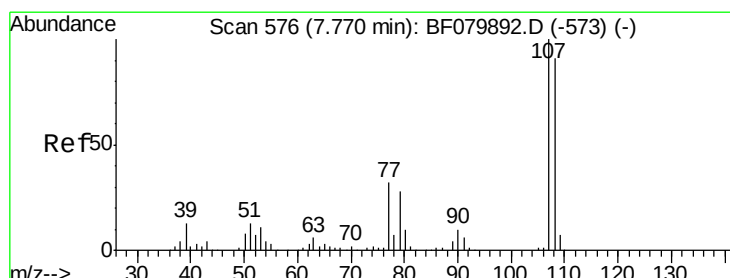
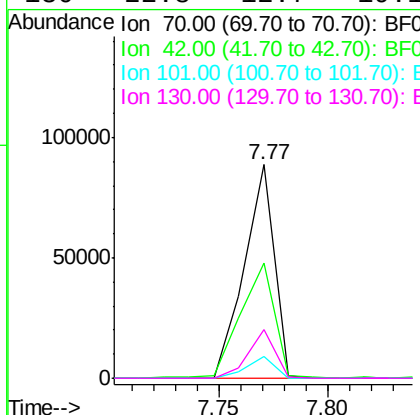
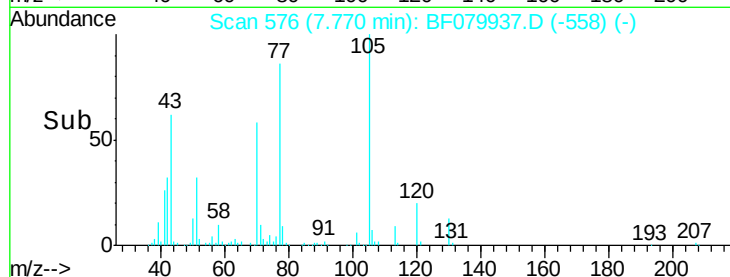
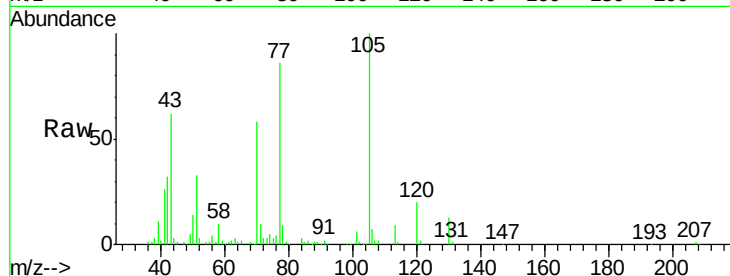




#19
n-Nitroso-di-n-propylamine
Concen: 32.47 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

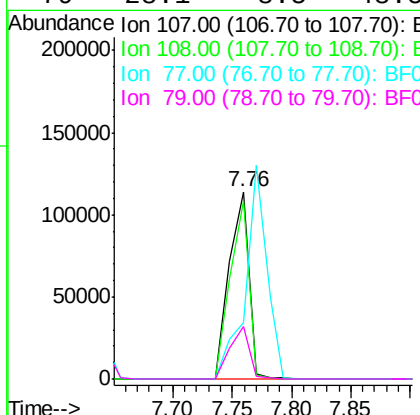
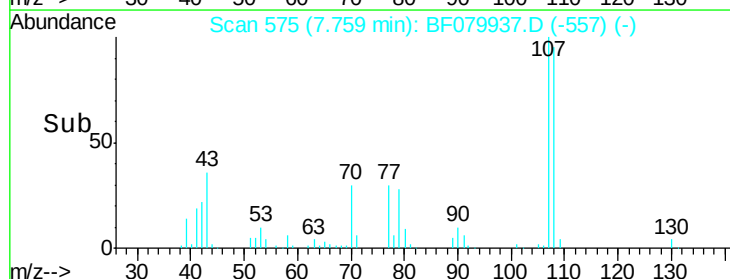
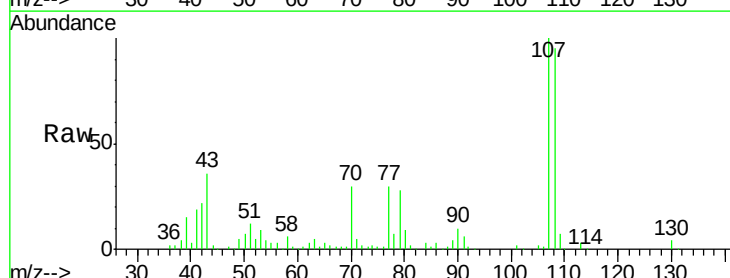
Instrument :
BNA_F
ClientSampleId :
PB83970BS

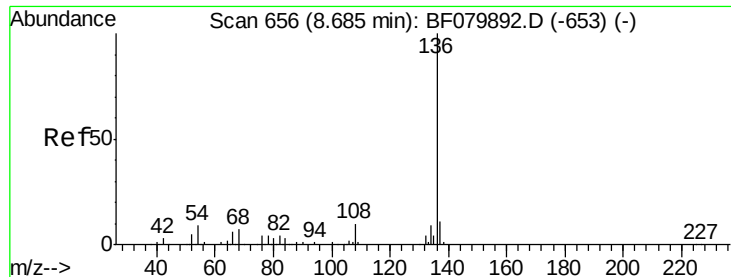
Tgt Ion: 70 Resp: 85019
Ion Ratio Lower Upper
70 100
42 54.1 49.0 73.4
101 10.5 6.6 9.8#
130 22.8 12.7 19.1#



#20
3+4-Methylphenols
Concen: 36.00 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion: 107 Resp: 131409
Ion Ratio Lower Upper
107 100
108 95.1 71.1 111.1
77 30.3 12.2 52.2
79 28.1 8.5 48.5

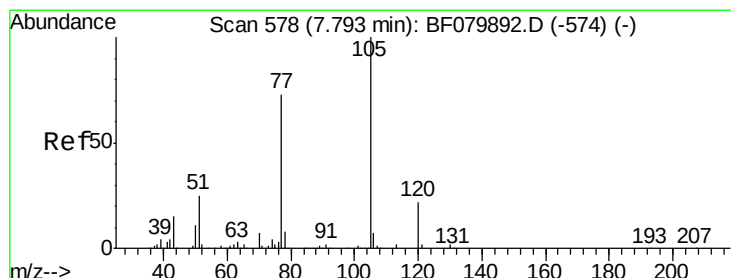
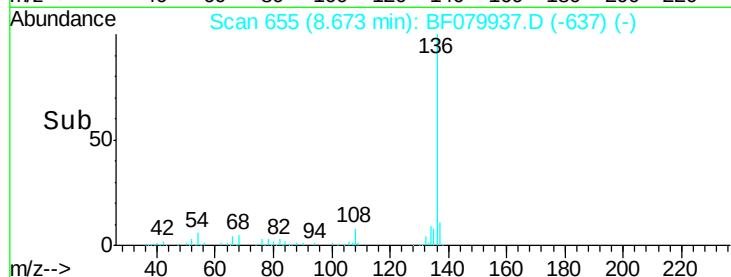
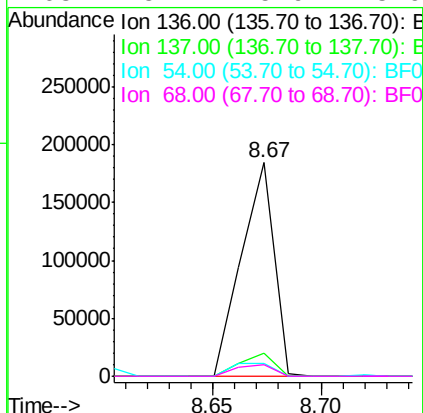
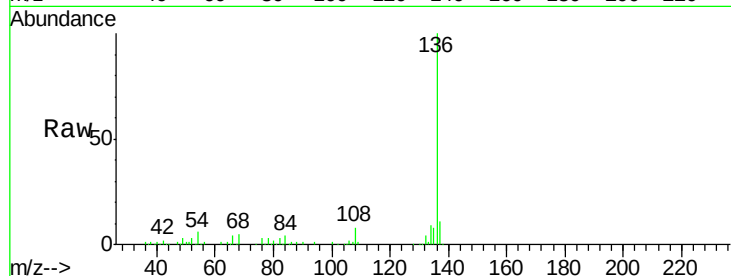




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

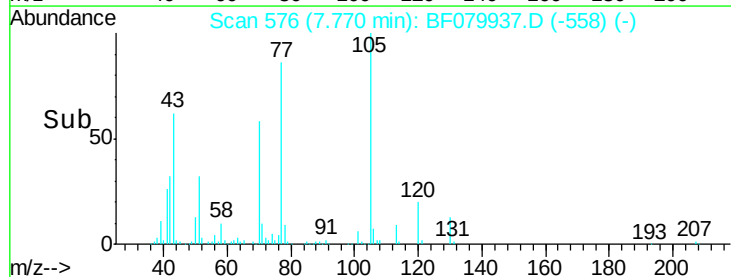
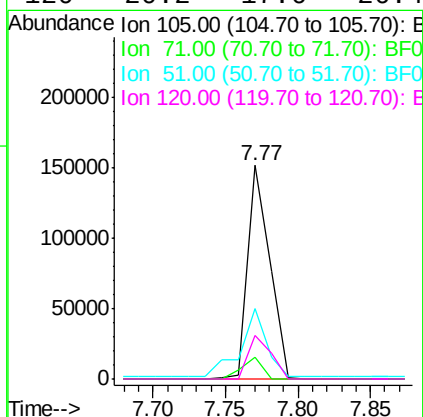
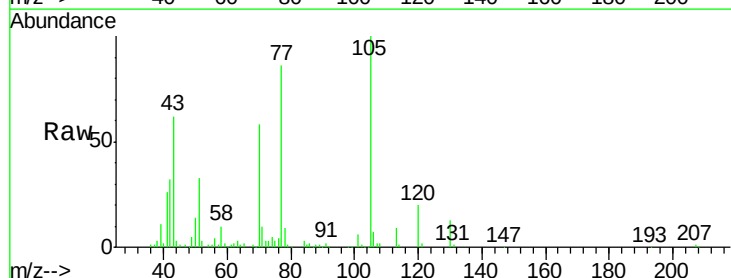
Instrument :
BNA_F
ClientSampleId :
PB83970BS

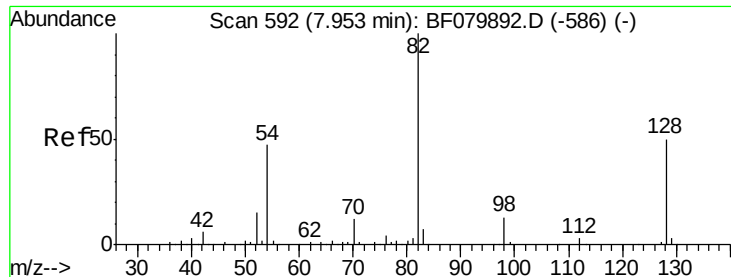
Tgt Ion:	136	Resp:	192312
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.8	7.3	10.9#
68	5.1	5.9	8.9#



#22
Acetophenone
Concen: 35.09 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:	105	Resp:	159382
Ion	Ratio	Lower	Upper
105	100		
71	10.1	1.0	1.4#
51	32.9	19.8	29.6#
120	20.2	17.6	26.4





#23

Nitrobenzene-d5

Concen: 82.94 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

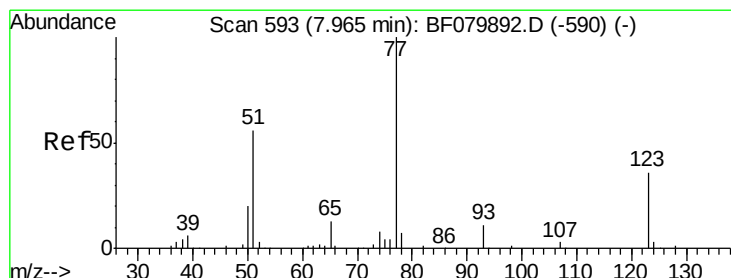
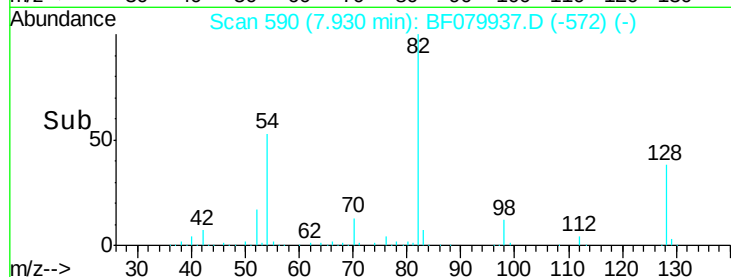
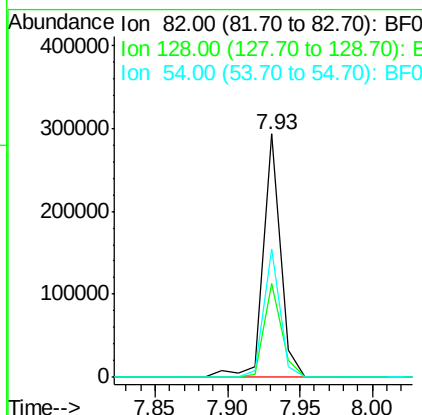
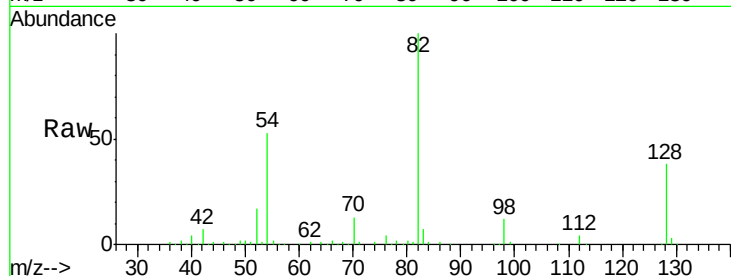
Instrument :

BNA_F

ClientSampleId :

PB83970BS

Tgt Ion:	82	Resp:	241758
Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.3	60.5#
54	52.8	38.0	57.0



#24

Nitrobenzene

Concen: 40.13 ng

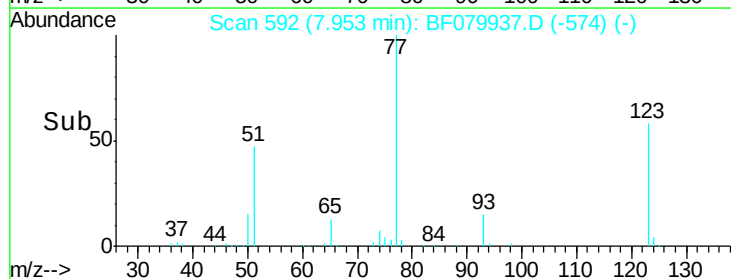
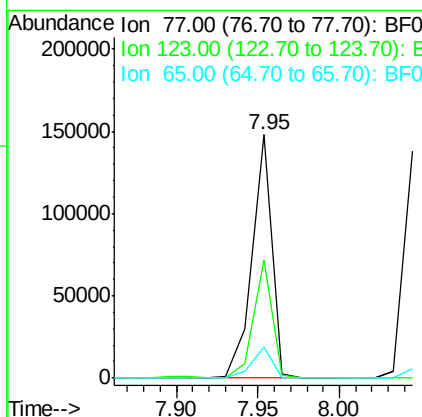
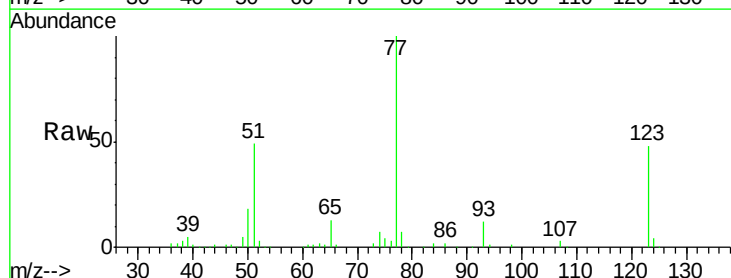
RT: 7.95 min Scan# 592

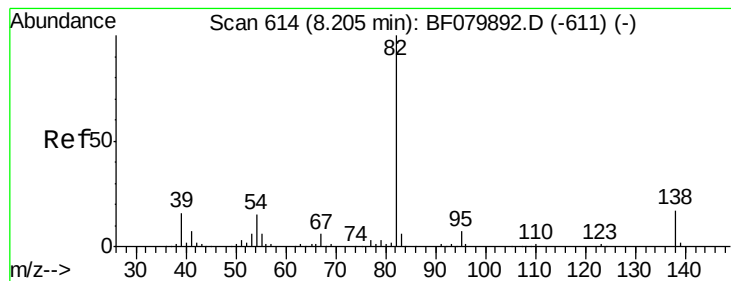
Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	77	Resp:	124427
Ion	Ratio	Lower	Upper
77	100		
123	48.4	28.8	43.2#
65	12.6	10.3	15.5





#25

Isophorone

Concen: 32.40 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

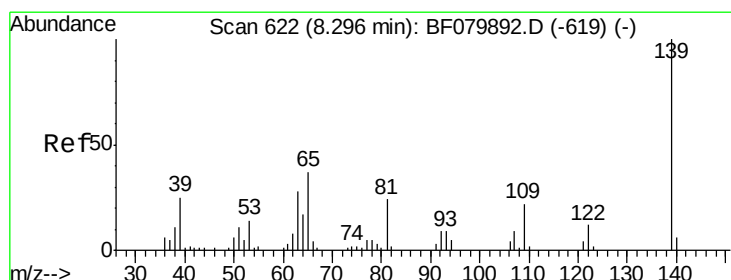
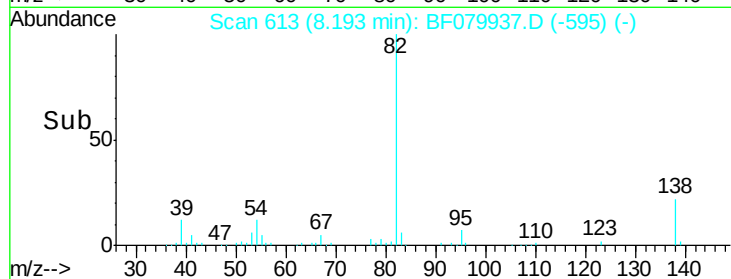
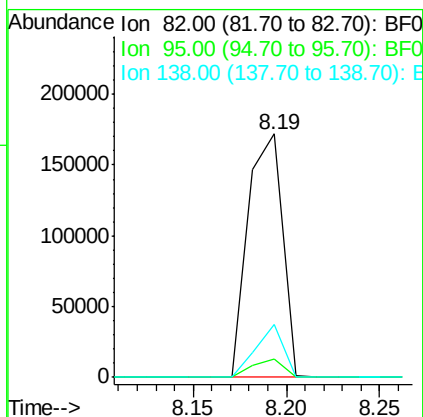
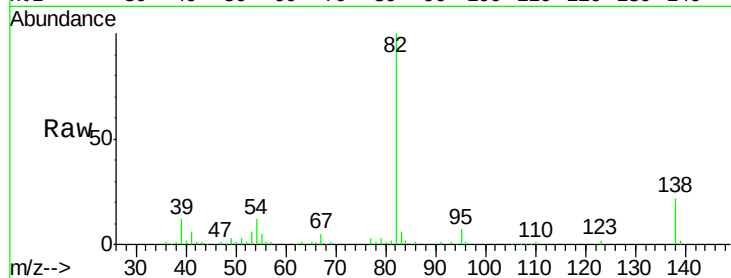
Tgt Ion: 82 Resp: 219801

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 22.0 13.3 19.9#



#26

2-Nitrophenol

Concen: 41.06 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

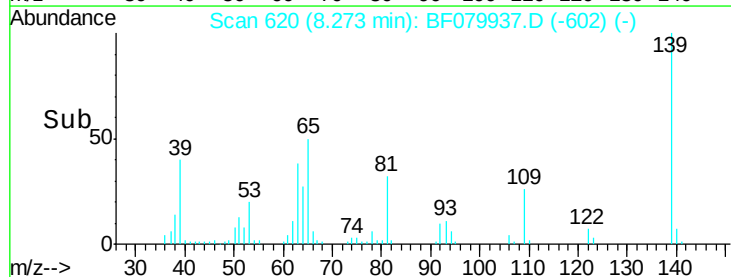
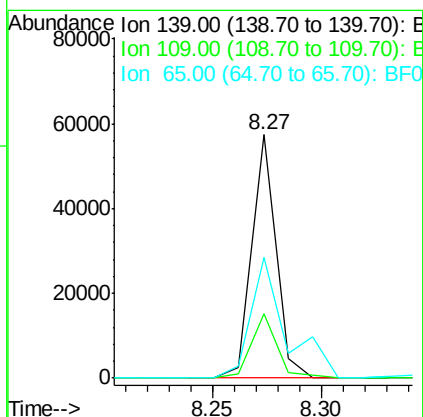
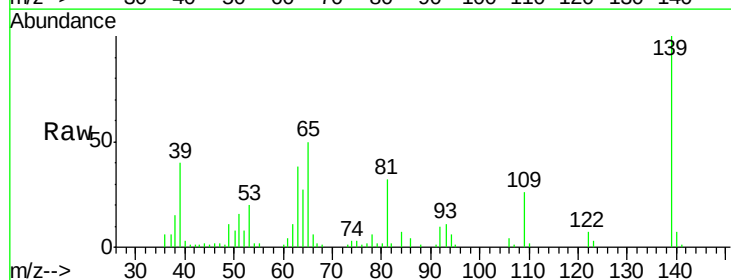
Tgt Ion: 139 Resp: 44282

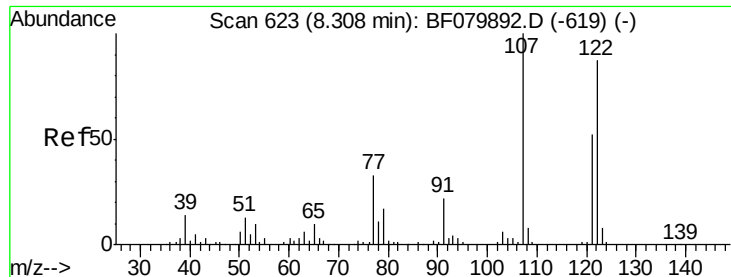
Ion Ratio Lower Upper

139 100

109 26.3 17.8 26.6

65 49.7 29.4 44.0#





#27

2,4-Dimethylphenol

Concen: 36.84 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

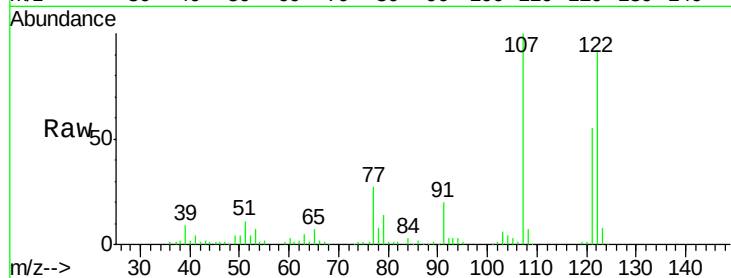
Tgt Ion:122 Resp: 112002

Ion Ratio Lower Upper

122 100

107 108.6 91.7 137.5

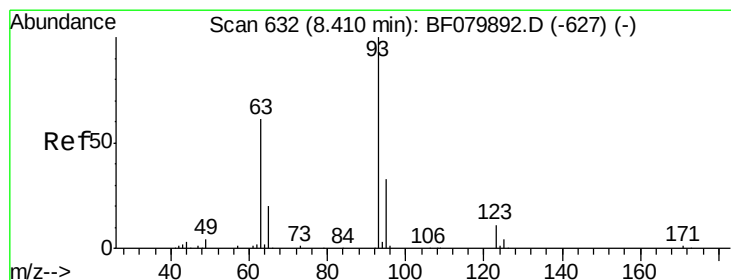
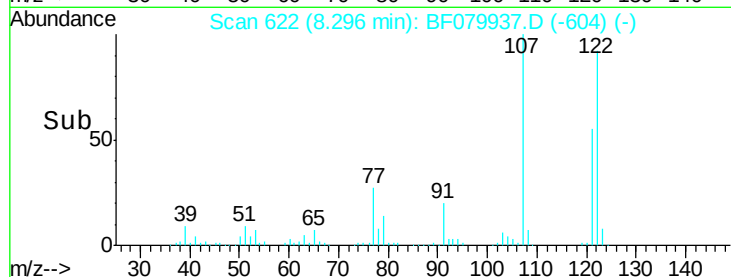
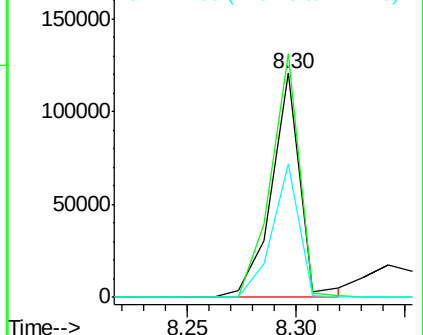
121 59.6 47.8 71.6



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: 34.14 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

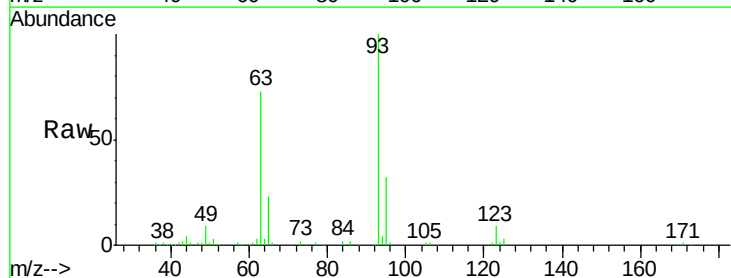
Tgt Ion: 93 Resp: 137513

Ion Ratio Lower Upper

93 100

95 31.7 26.1 39.1

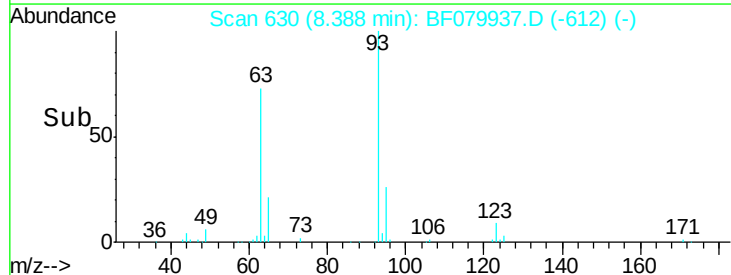
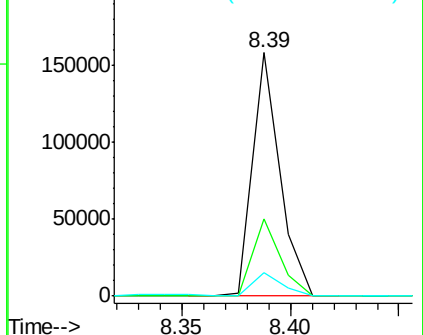
123 9.5 8.9 13.3

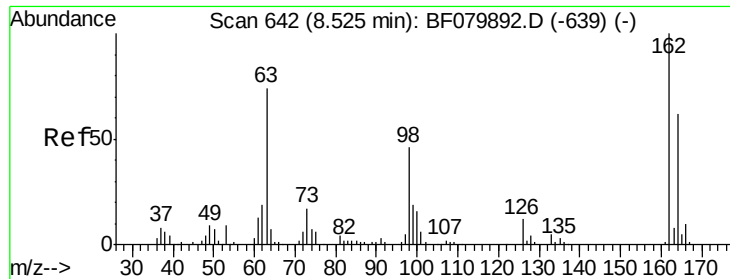


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

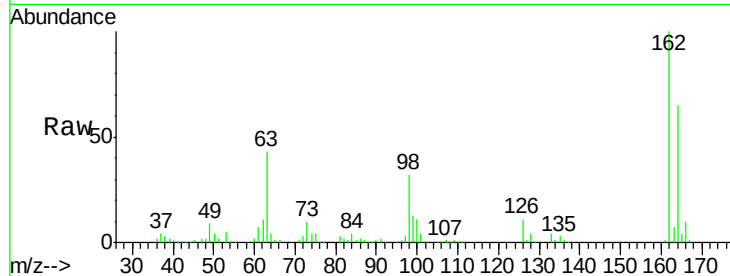




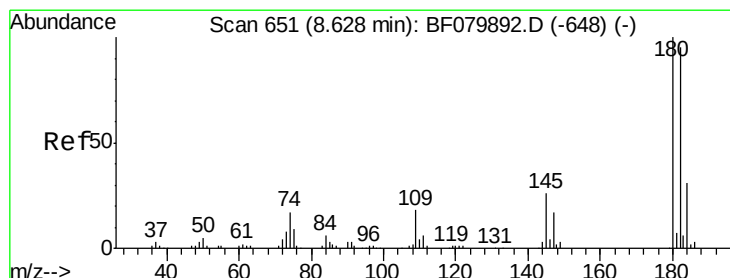
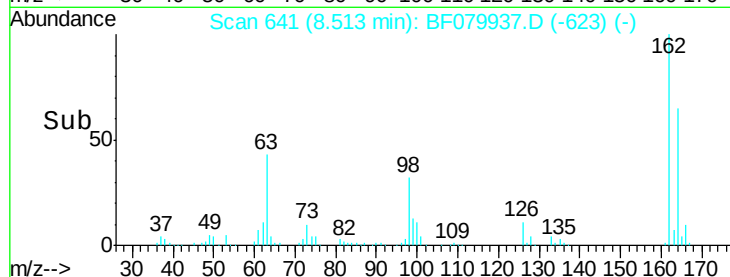
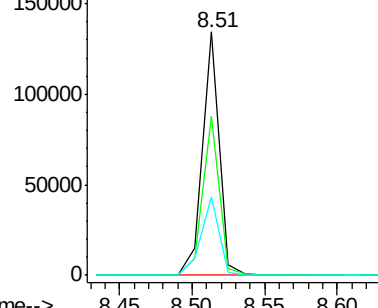
#29
 2,4-Dichlorophenol
 Concen: 42.14 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.2	82.2
98	32.2	26.0	66.0

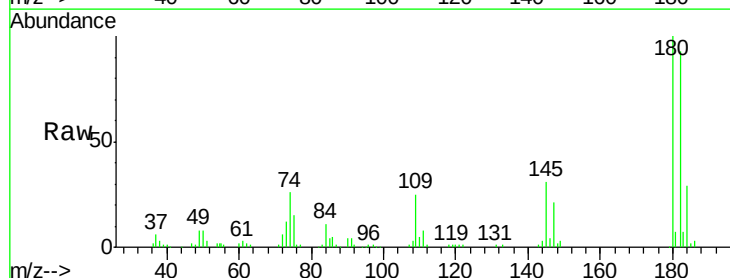


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

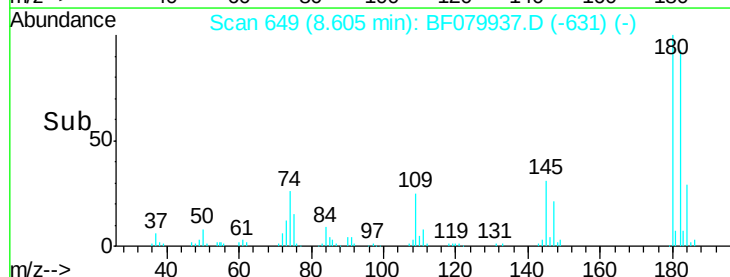
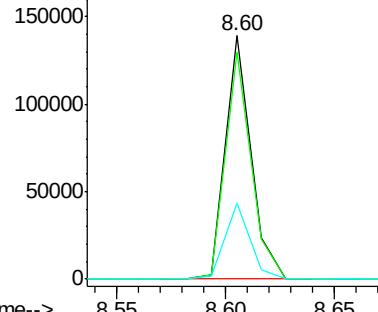


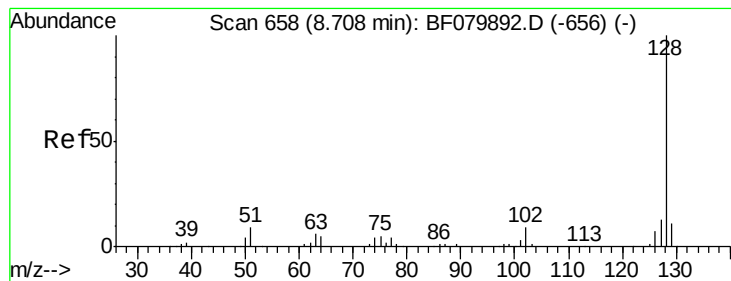
#30
 1,2,4-Trichlorobenzene
 Concen: 35.10 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.7	113.5
145	31.1	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

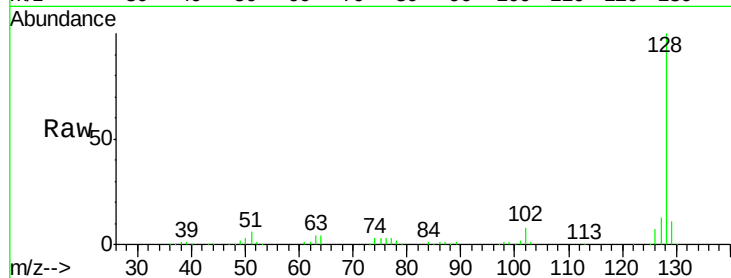




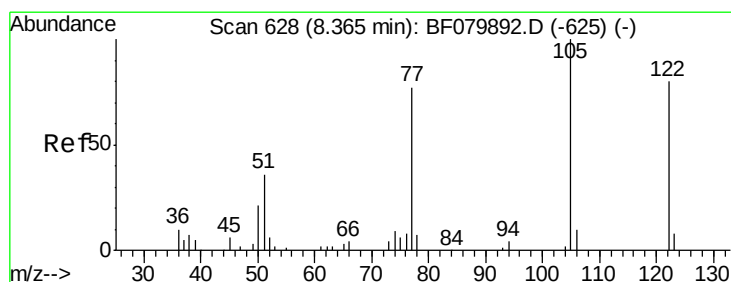
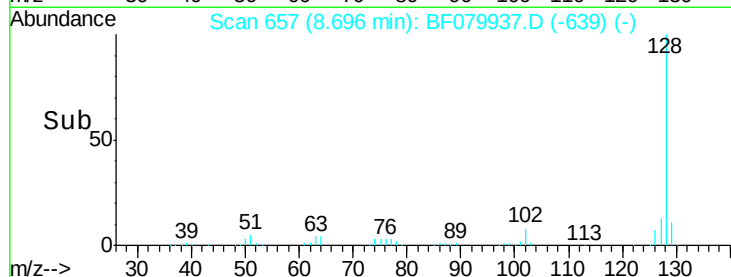
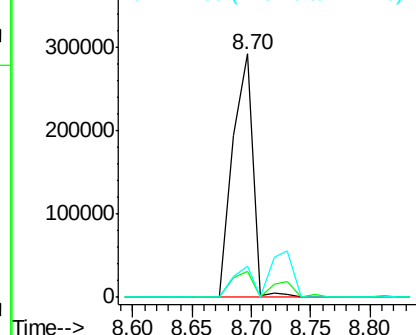
#31
Naphthalene
Concen: 32.52 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:128 Resp: 341863
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.5 15.7

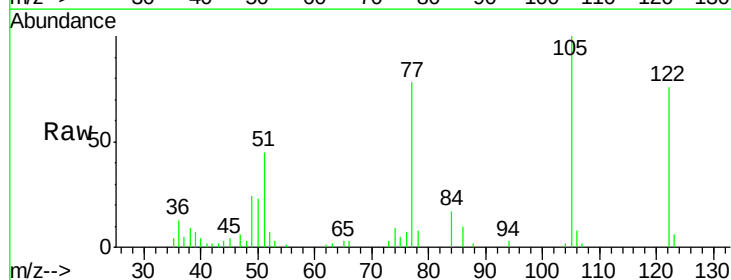


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

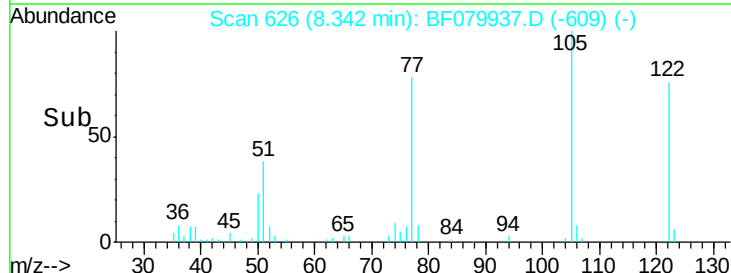
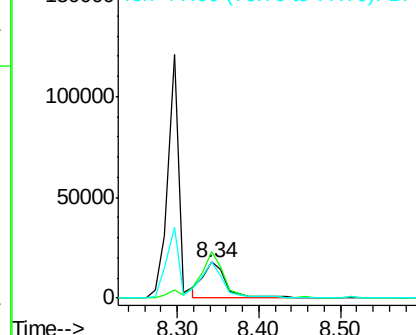


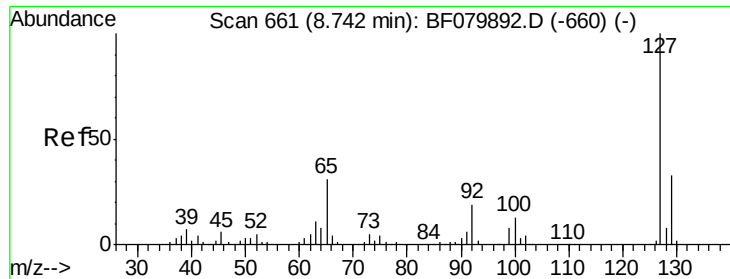
#32
Benzoic acid
Concen: 33.91 ng
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:122 Resp: 36639
Ion Ratio Lower Upper
122 100
105 131.3 102.7 142.7
77 102.8 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

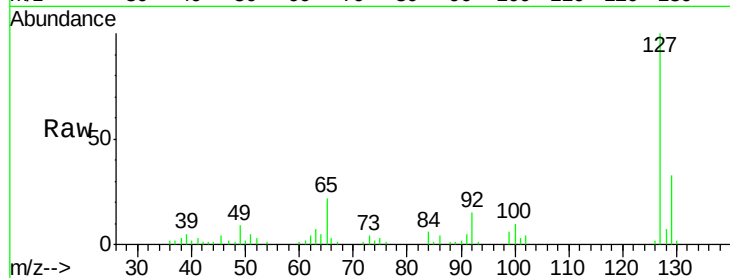




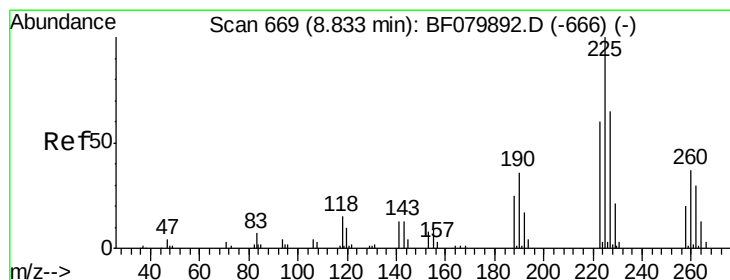
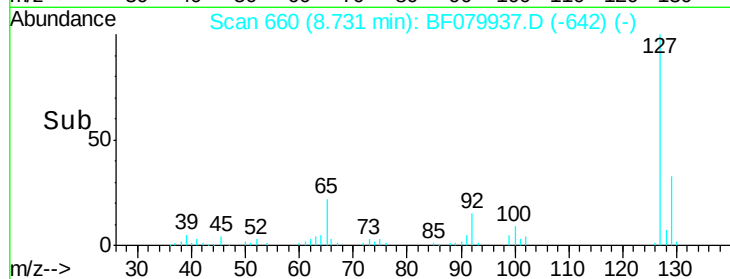
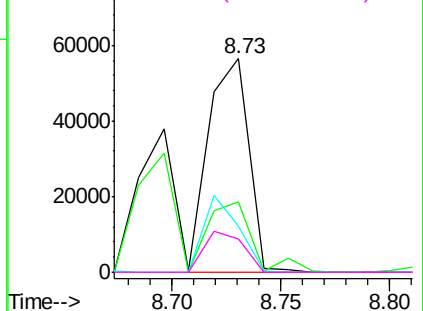
#33
4-Chloroaniline
Concen: 17.81 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:	127	Resp:	72660
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.1	39.1
65	21.8	25.5	38.3#
92	15.4	15.7	23.5#

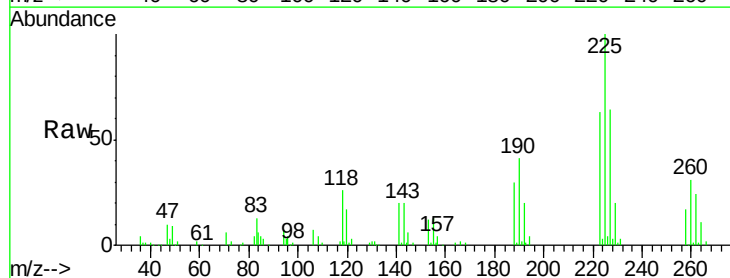


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

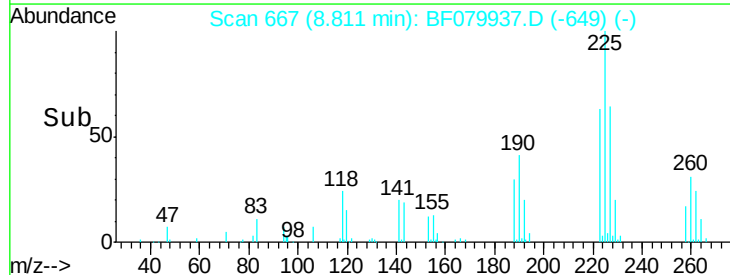
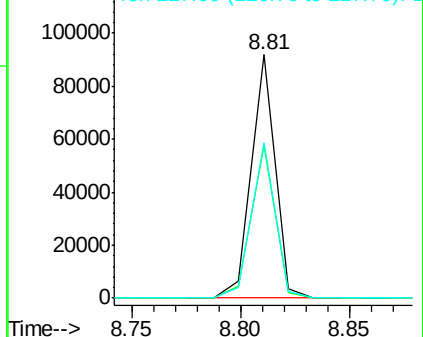


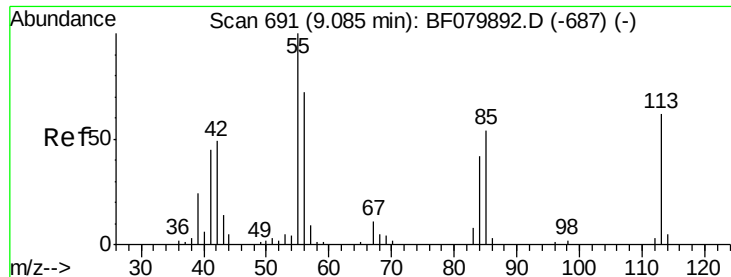
#34
Hexachlorobutadiene
Concen: 38.89 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:	225	Resp:	69858
Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.8	71.6
227	63.9	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

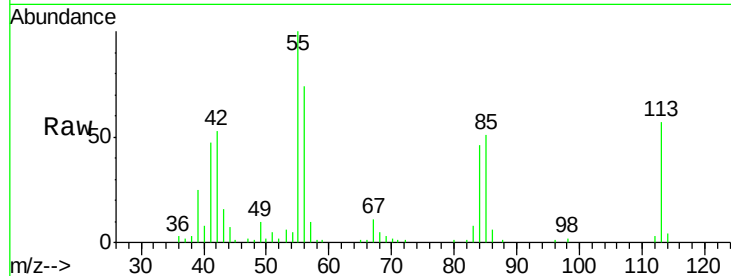




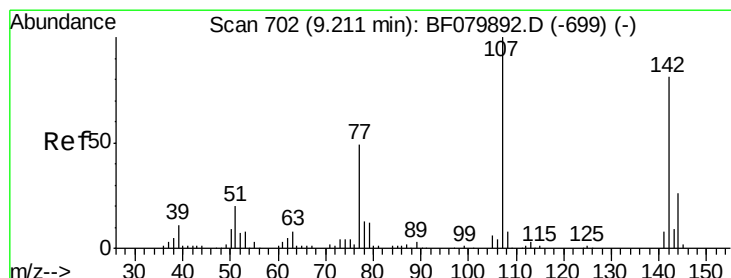
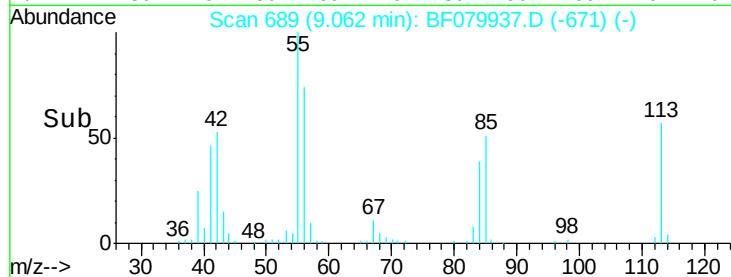
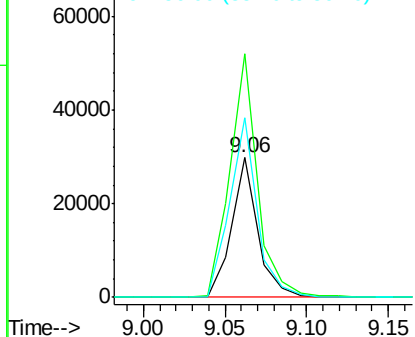
#35
 Caprolactam
 Concen: 40.69 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:113 Resp: 32763
 Ion Ratio Lower Upper
 113 100
 55 174.3 141.4 181.4
 56 128.5 95.9 135.9

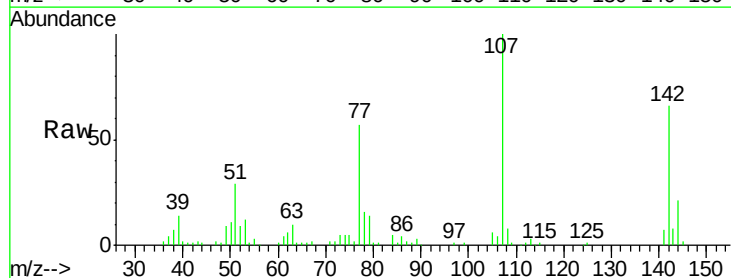


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

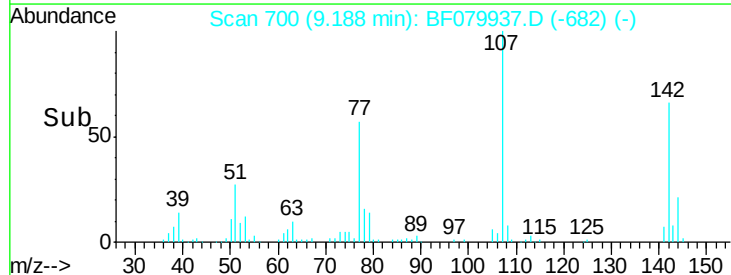
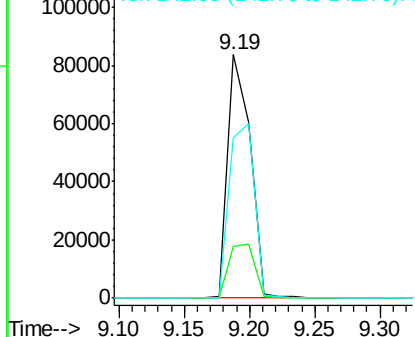


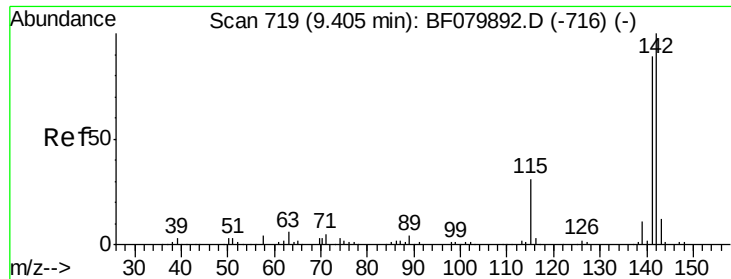
#36
 4-Chloro-3-methylphenol
 Concen: 34.72 ng
 RT: 9.19 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:107 Resp: 100999
 Ion Ratio Lower Upper
 107 100
 144 21.0 21.0 31.6#
 142 66.0 64.5 96.7



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

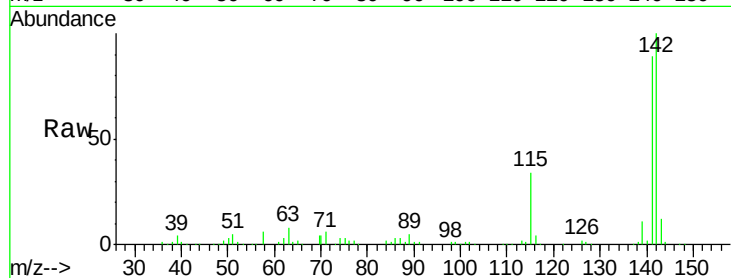




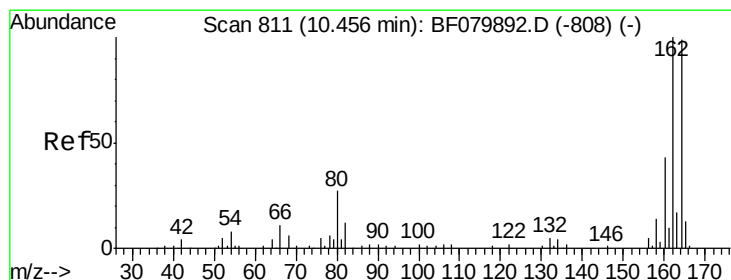
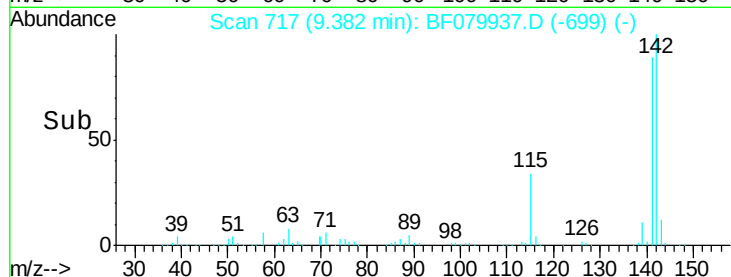
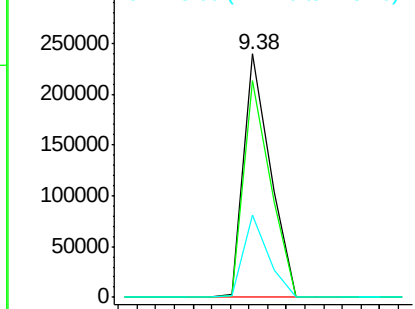
#37
 2-Methylnaphthalene
 Concen: 33.45 ng
 RT: 9.38 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:142 Resp: 237562
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.9 106.3
 115 34.0 25.0 37.4

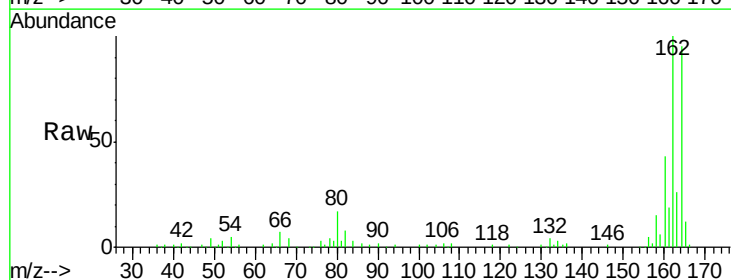


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

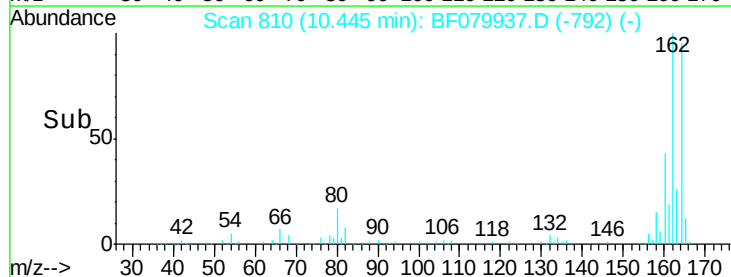
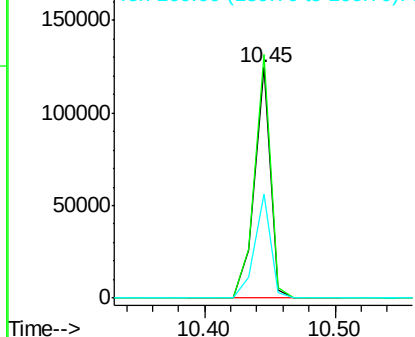


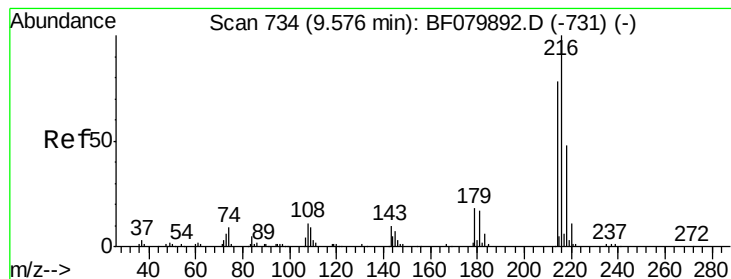
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:164 Resp: 106169
 Ion Ratio Lower Upper
 164 100
 162 105.7 80.7 121.1
 160 45.1 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: 32.27 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

Tgt Ion:216 Resp: 114750

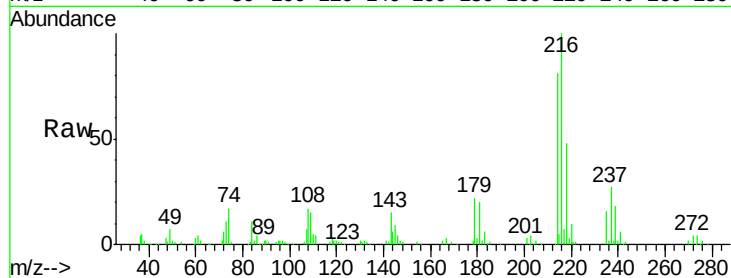
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 21.4 15.8 23.8

108 19.6 13.7 20.5

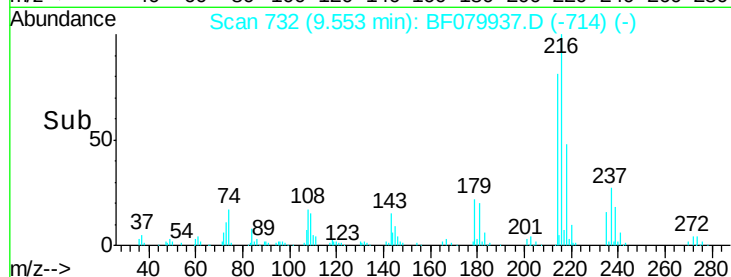


Abundance Ion 216.00 (215.70 to 216.70): E

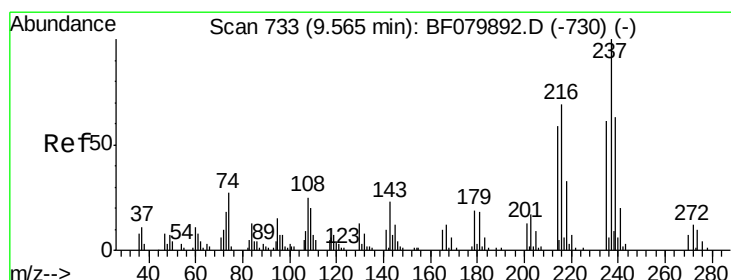
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.71 ng

RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

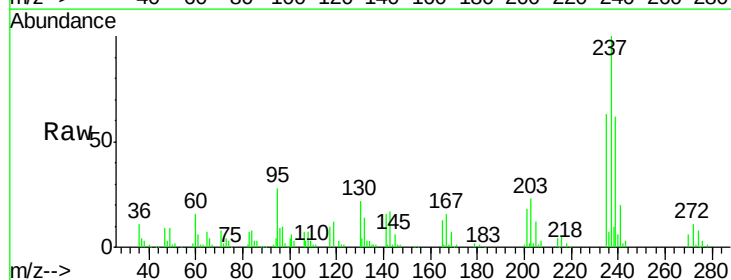
Tgt Ion:237 Resp: 97276

Ion Ratio Lower Upper

237 100

235 63.3 41.3 81.3

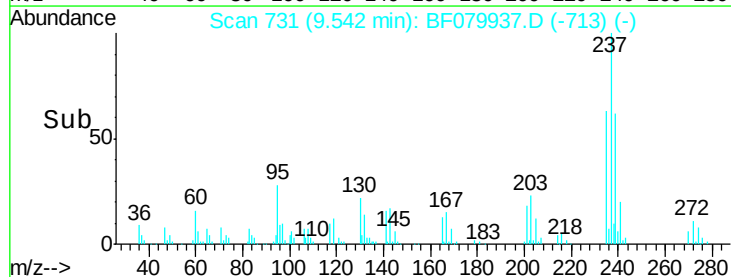
272 10.9 0.0 32.2



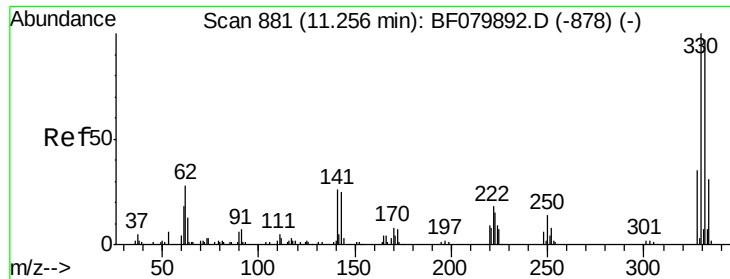
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



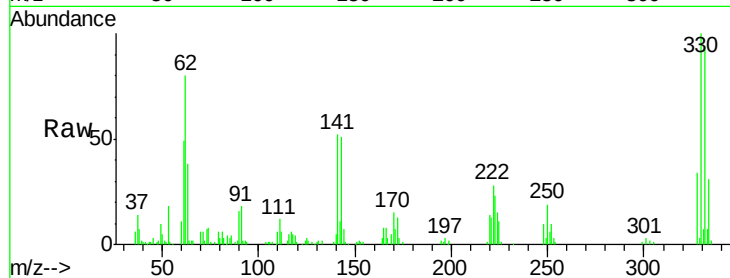
Time-->



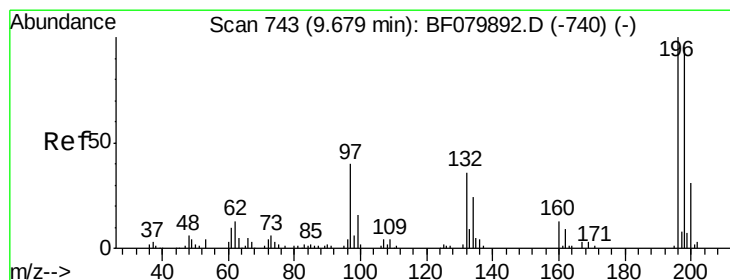
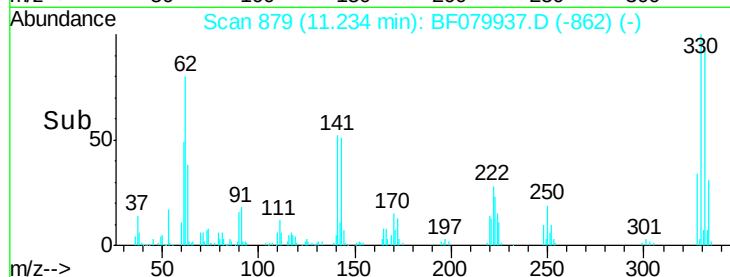
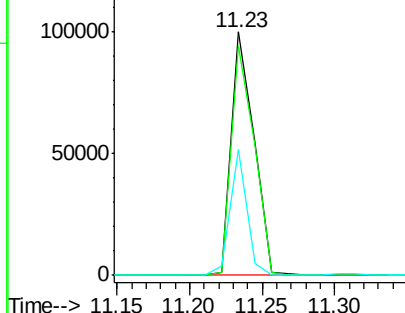
#41
 2,4,6-Tribromophenol
 Concen: 101.25 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:330 Resp: 107553
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 38.8 26.8 40.2

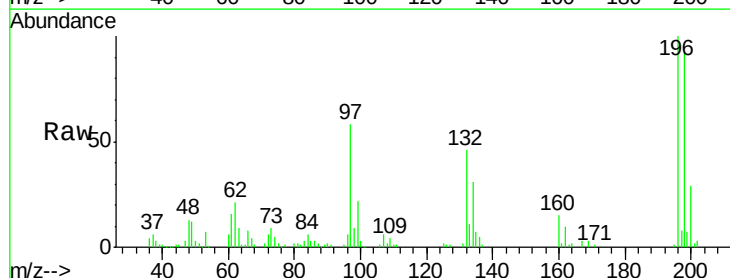


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

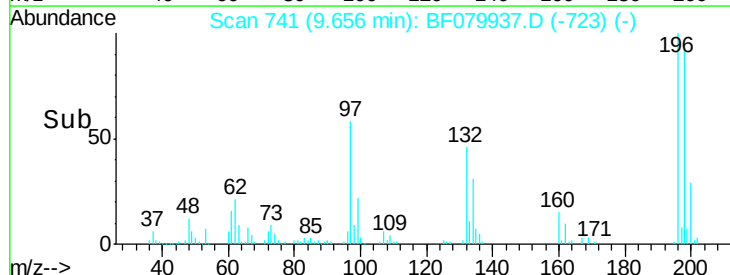
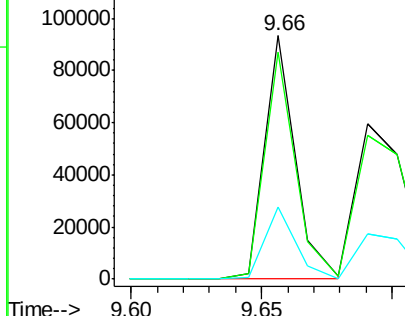


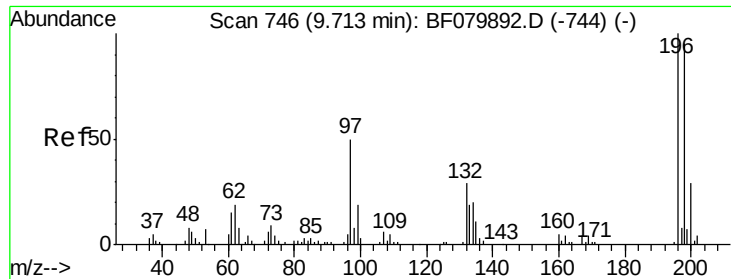
#42
 2,4,6-Trichlorophenol
 Concen: 35.01 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:196 Resp: 76701
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.0 114.0
 200 29.4 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

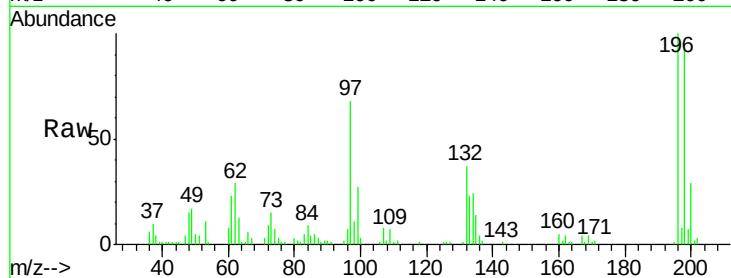




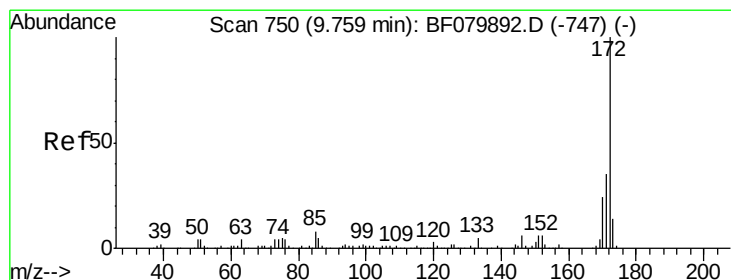
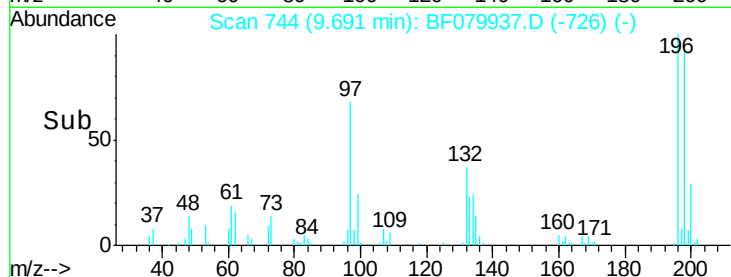
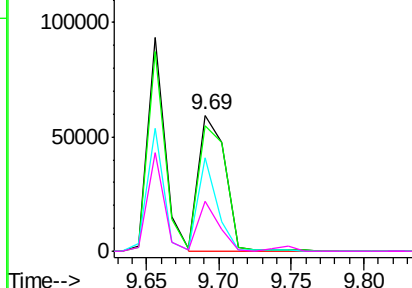
#43
 2,4,5-Trichlorophenol
 Concen: 31.36 ng
 RT: 9.69 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:196 Resp: 75835
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.0 114.0
 97 68.4 39.4 59.2#
 132 37.0 23.6 35.4#

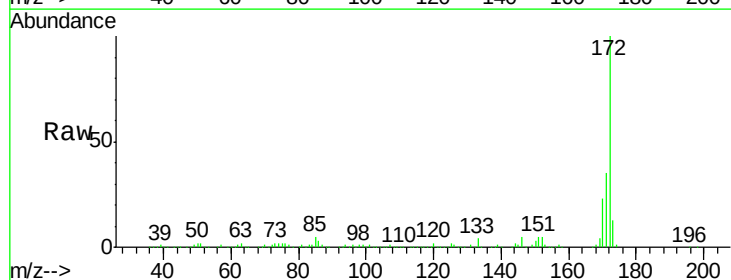


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

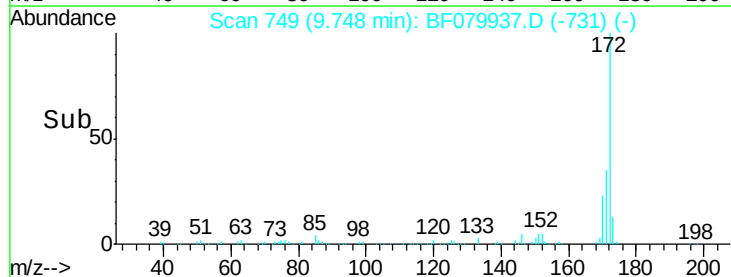
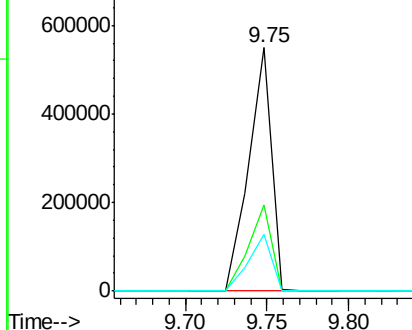


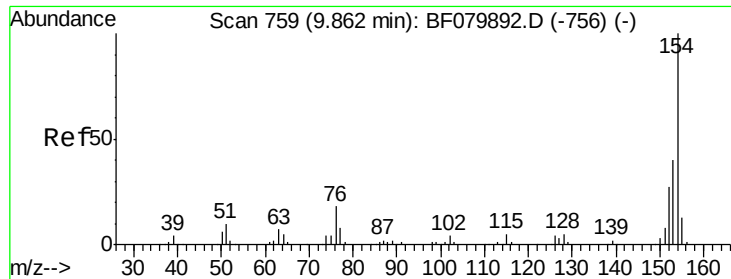
#44
 2-Fluorobiphenyl
 Concen: 70.27 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:172 Resp: 532817
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.2 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

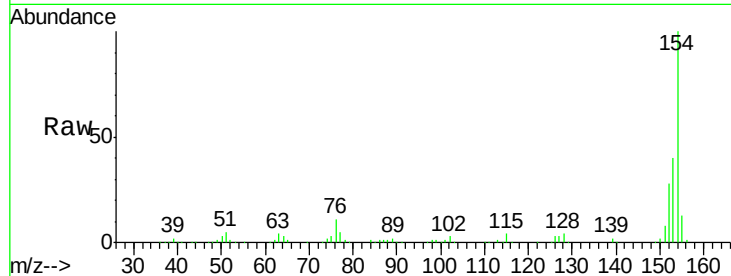




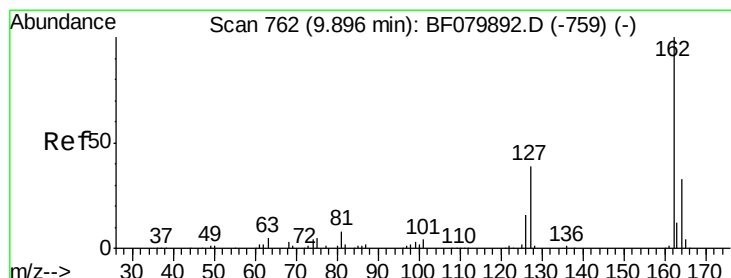
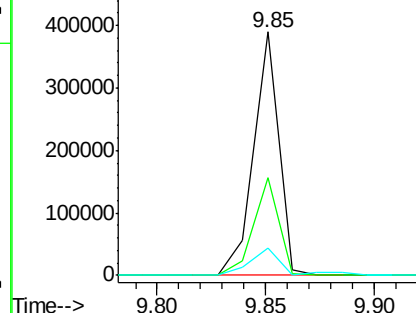
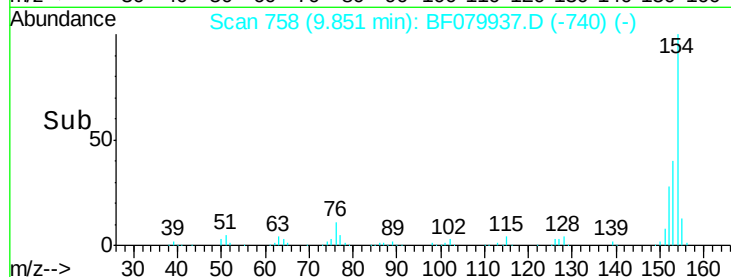
#45
 1,1'-Biphenyl
 Concen: 36.35 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	11.1	0.0	38.4

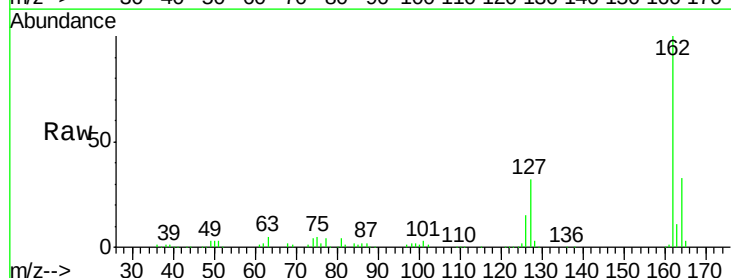


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

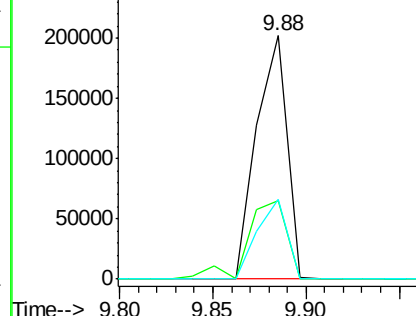
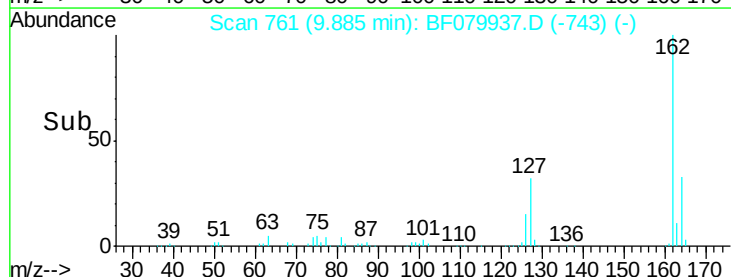


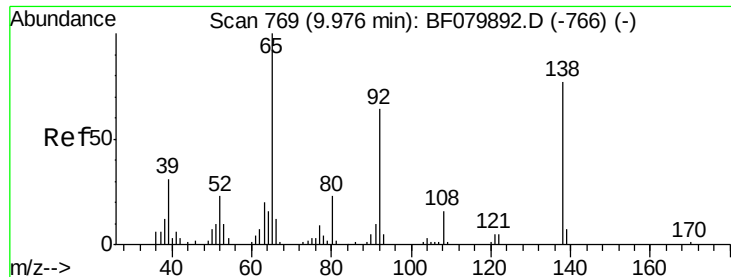
#46
 2-Chloronaphthalene
 Concen: 31.13 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.3	33.1	49.7#
164	32.6	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: 35.15 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

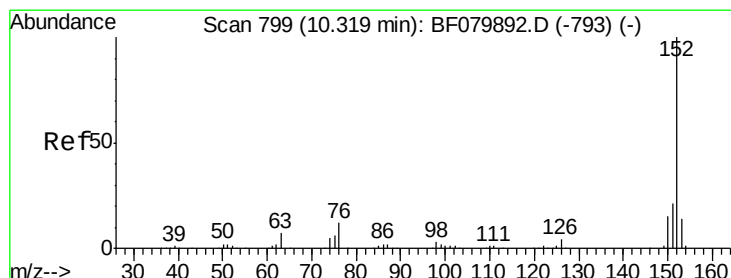
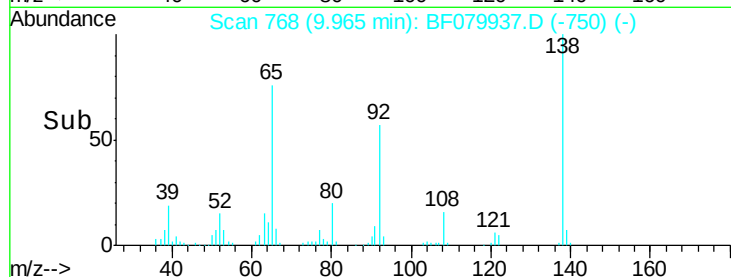
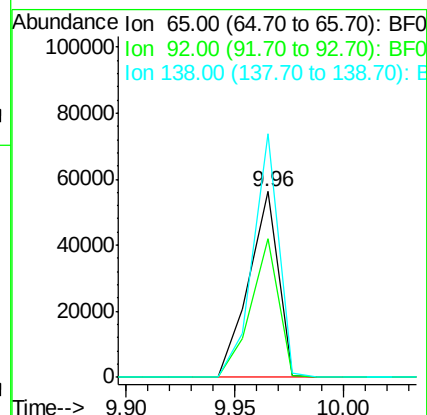
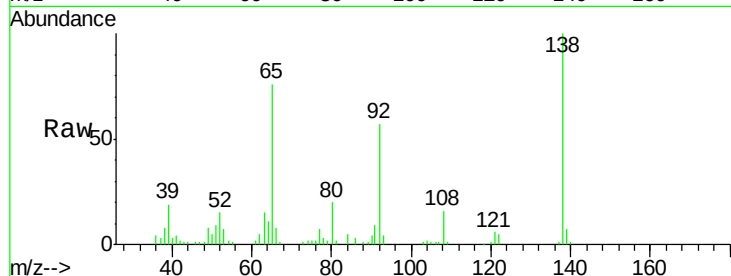
Tgt Ion: 65 Resp: 53249

Ion Ratio Lower Upper

65 100

92 74.5 51.1 76.7

138 131.3 62.0 93.0#



#48

Acenaphthylene

Concen: 30.38 ng

RT: 10.31 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

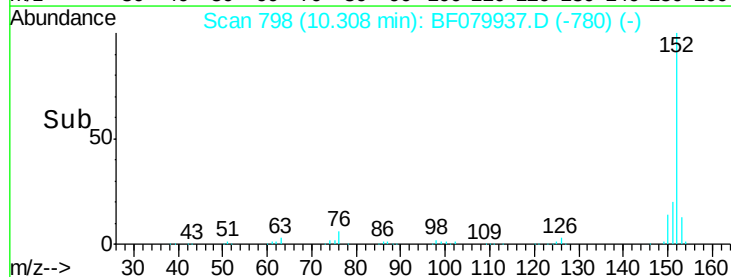
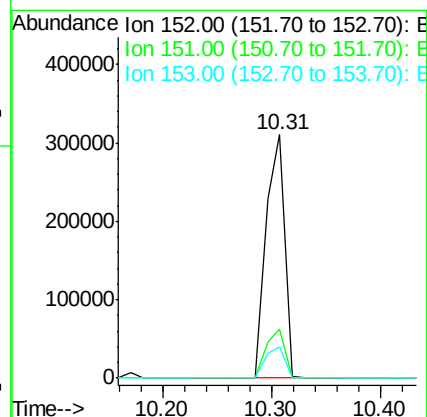
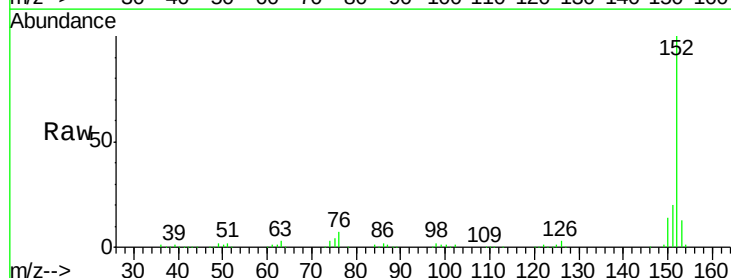
Tgt Ion: 152 Resp: 375199

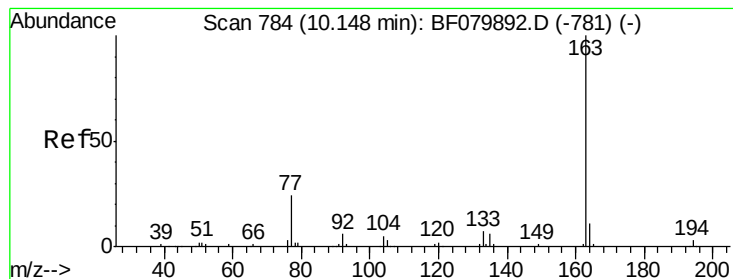
Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 34.22 ng

RT: 10.14 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

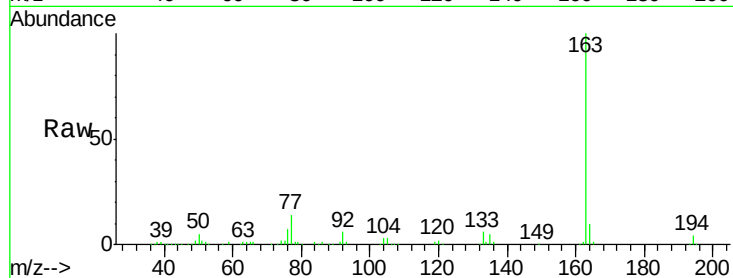
Tgt Ion:163 Resp: 291069

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

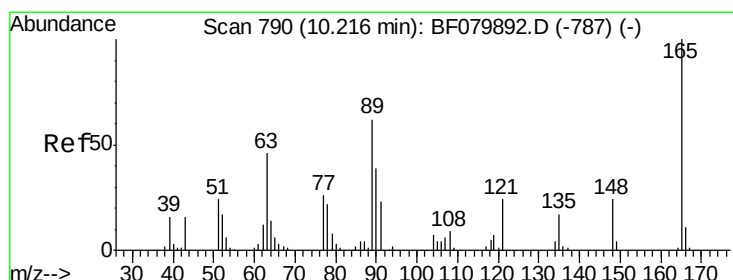
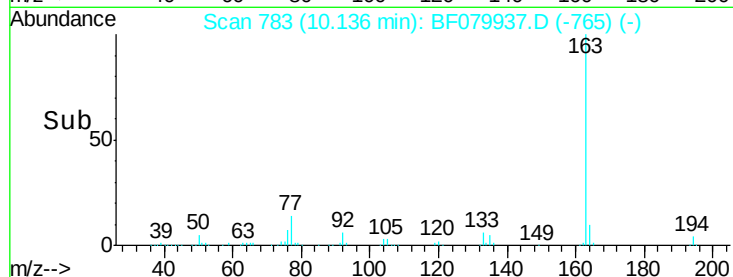
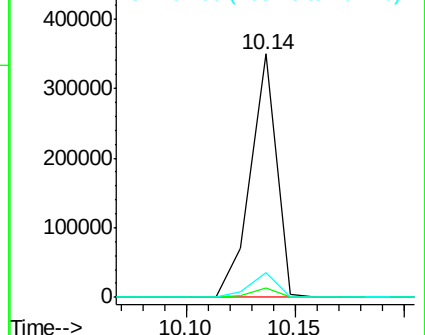
164 10.0 8.6 12.8



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: 31.64 ng

RT: 10.20 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

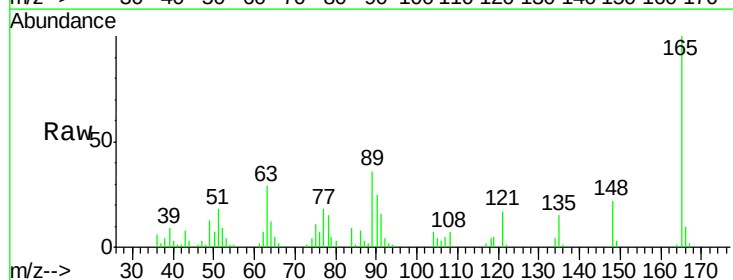
Tgt Ion:165 Resp: 47463

Ion Ratio Lower Upper

165 100

63 29.4 46.4 69.6#

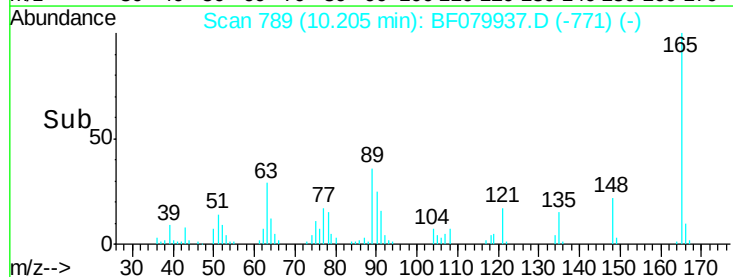
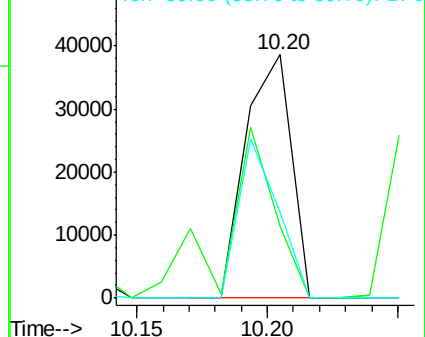
89 35.5 49.6 74.4#

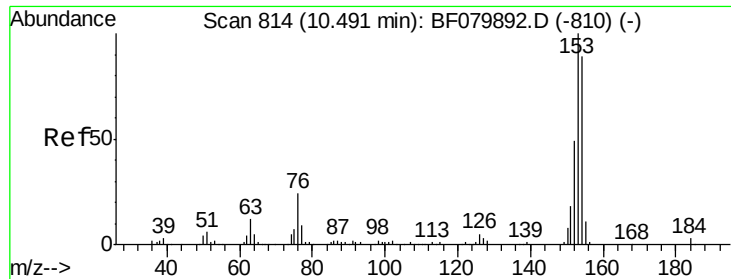


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.80 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

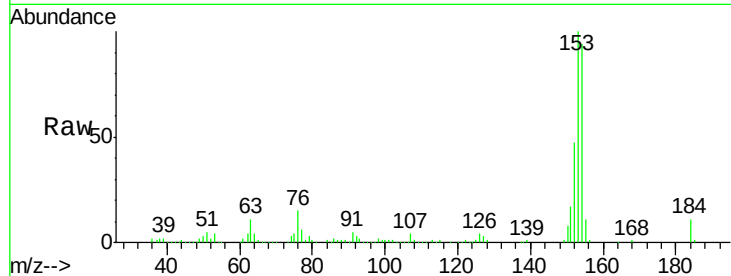
Tgt Ion:154 Resp: 237254

Ion Ratio Lower Upper

154 100

153 105.9 90.0 135.0

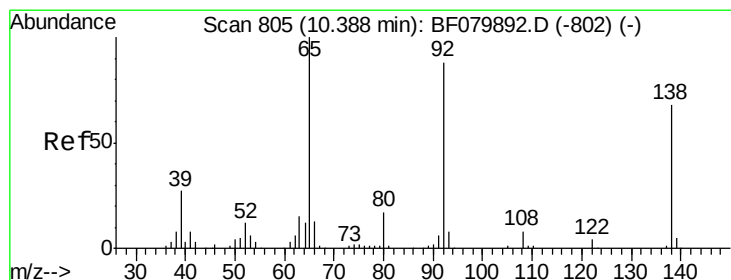
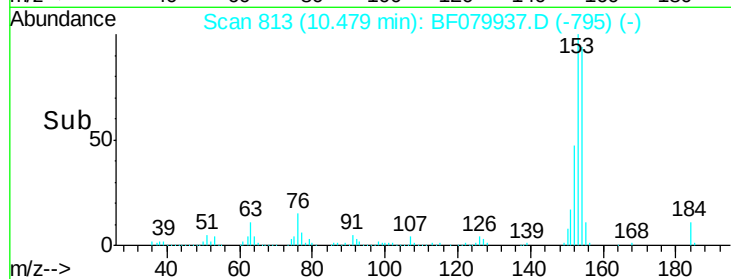
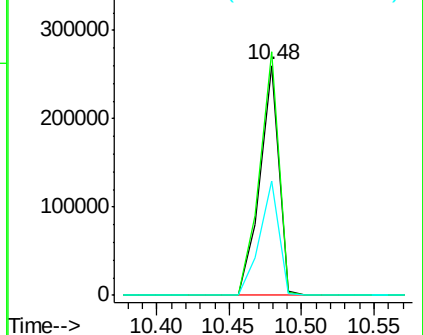
152 49.5 43.7 65.5



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: 22.70 ng

RT: 10.38 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

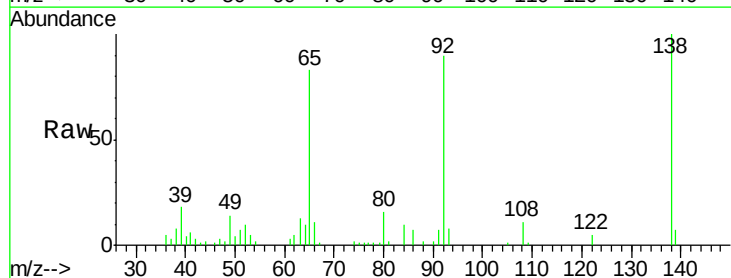
Tgt Ion:138 Resp: 39851

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.6

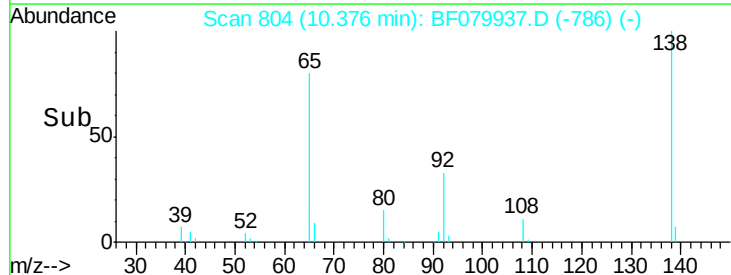
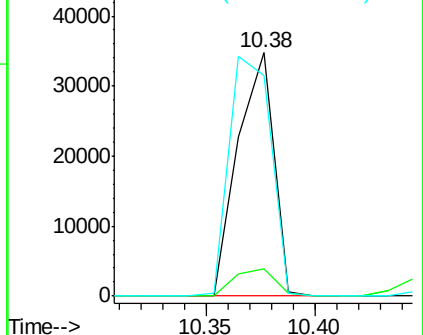
92 90.4 103.1 154.7#

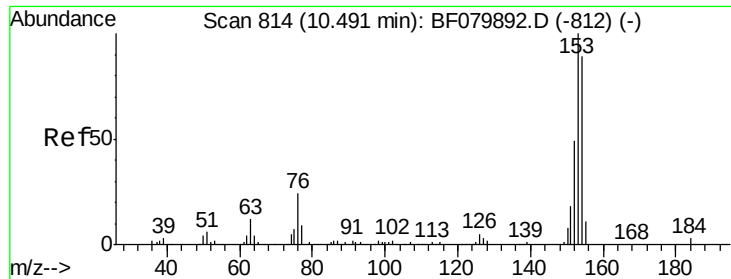


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

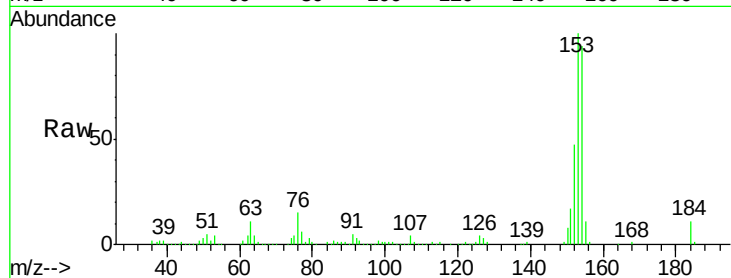




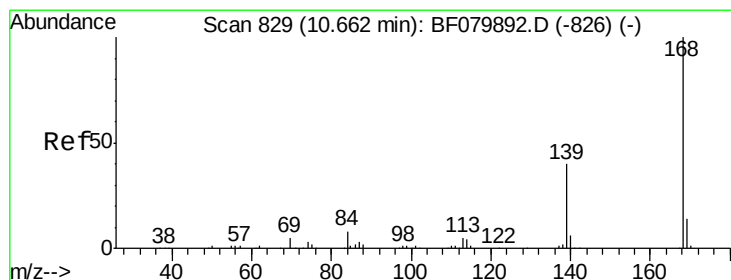
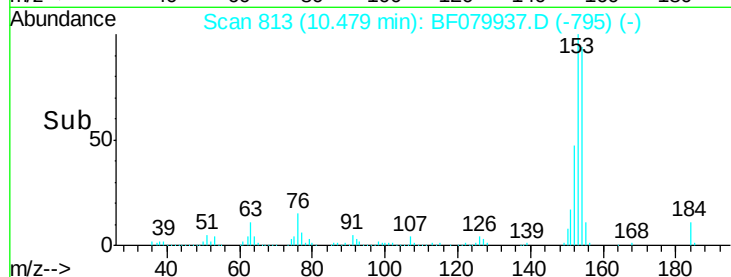
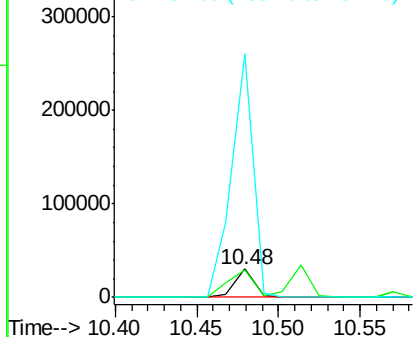
#53
2,4-Dinitrophenol
Concen: 78.09 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:184 Resp: 24736
Ion Ratio Lower Upper
184 100
63 99.1 357.0 535.4#
154 864.8 2660.2 3990.4#

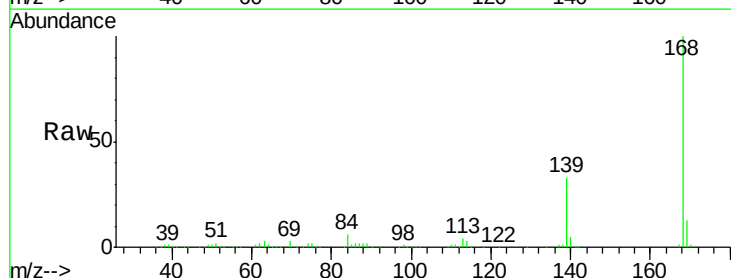


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

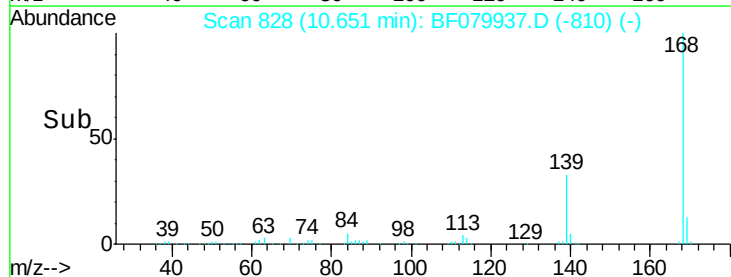
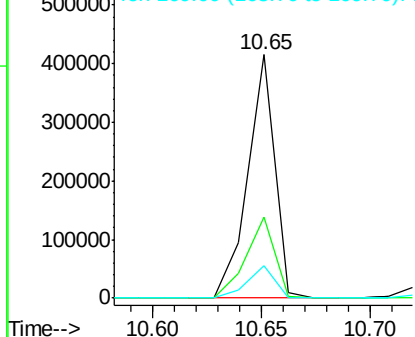


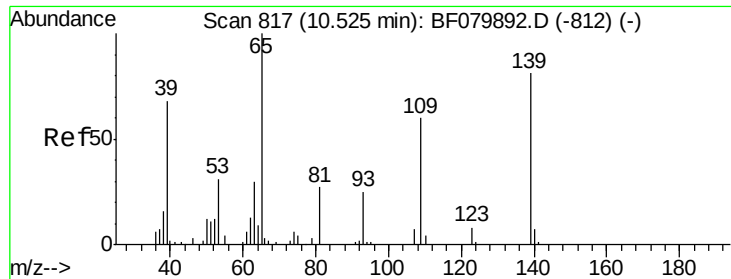
#54
Dibenzofuran
Concen: 34.81 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:168 Resp: 356964
Ion Ratio Lower Upper
168 100
139 33.3 32.2 48.2
169 13.3 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

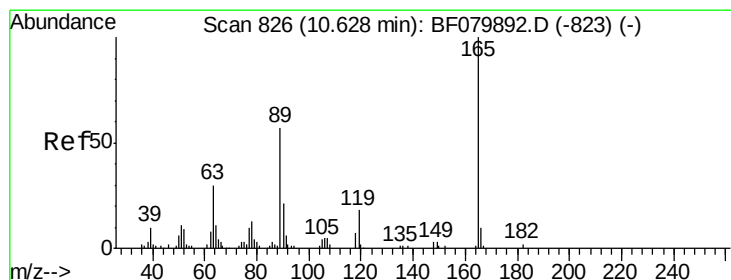
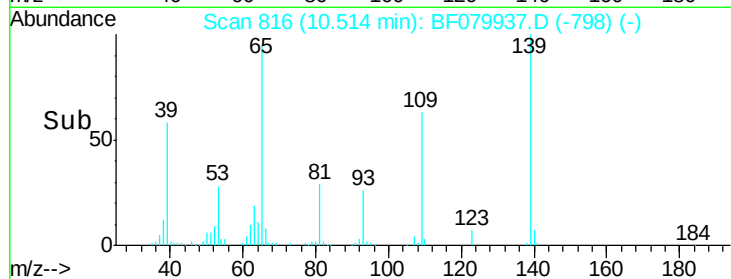
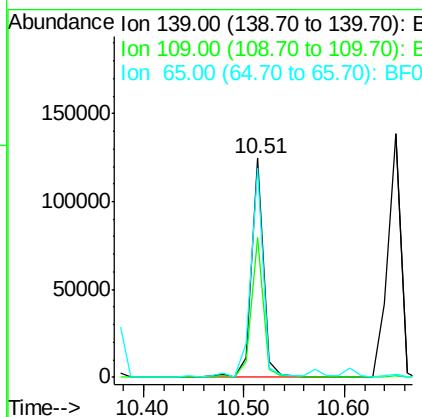
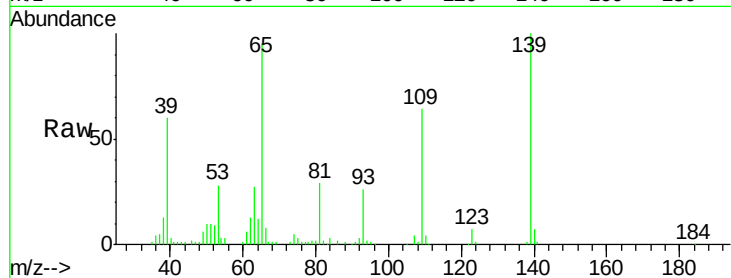




#55
4-Nitrophenol
Concen: 76.15 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

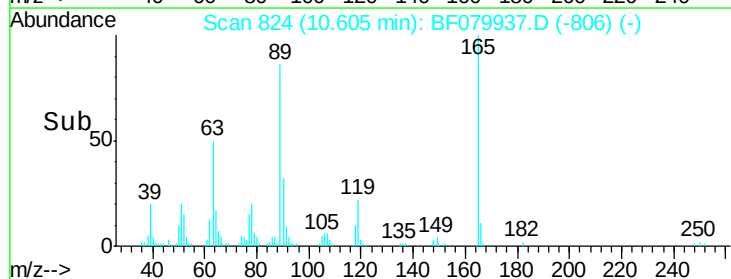
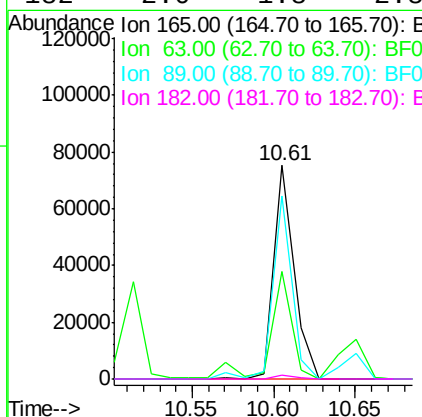
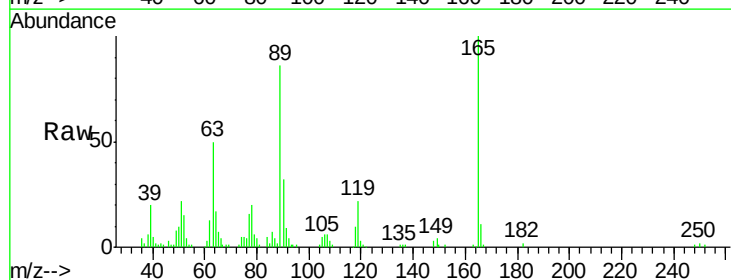
Instrument :
BNA_F
ClientSampleId :
PB83970BS

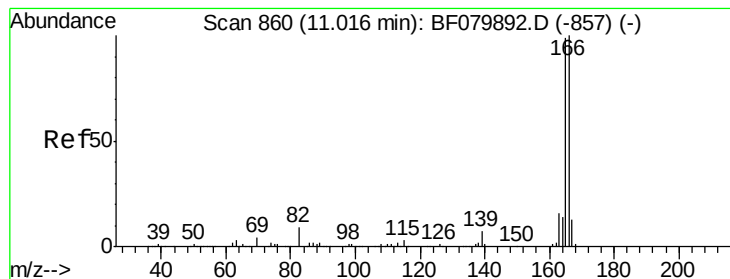
Tgt Ion:139 Resp: 103213
Ion Ratio Lower Upper
139 100
109 63.6 54.8 94.8
65 95.3 104.8 144.8#



#56
2,4-Dinitrotoluene
Concen: 33.44 ng
RT: 10.61 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:165 Resp: 65539
Ion Ratio Lower Upper
165 100
63 50.3 24.3 36.5#
89 85.7 45.4 68.2#
182 2.0 1.8 2.8





#57

Fluorene

Concen: 31.55 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

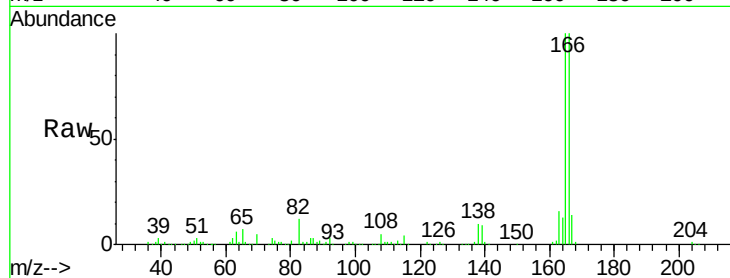
Tgt Ion:166 Resp: 282029

Ion Ratio Lower Upper

166 100

165 100.3 79.0 118.6

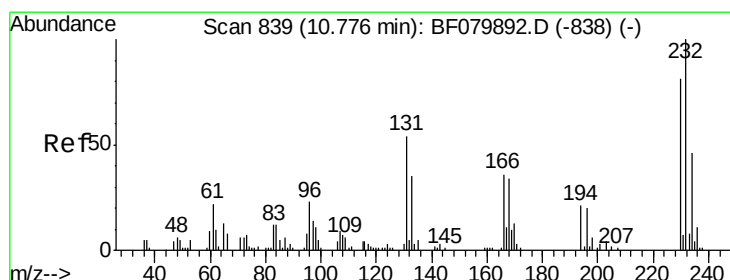
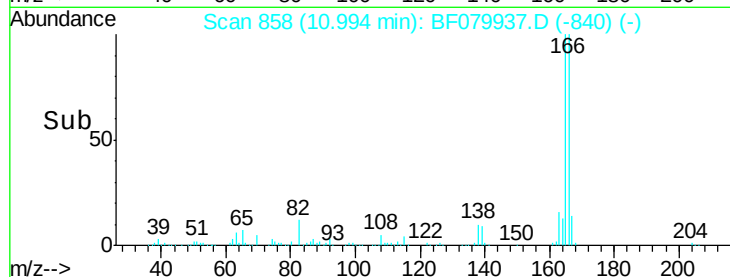
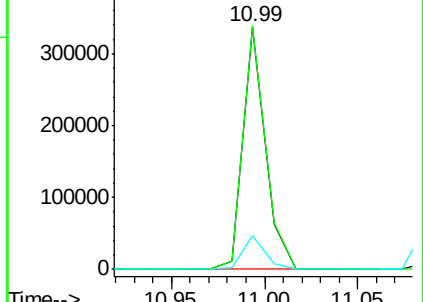
167 13.8 10.3 15.5



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: 37.85 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:232 Resp: 69378

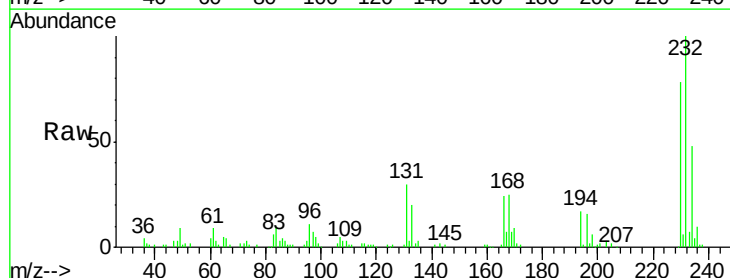
Ion Ratio Lower Upper

232 100

131 39.5 35.4 53.2

130 1.9 1.5 2.3

166 26.9 24.1 36.1

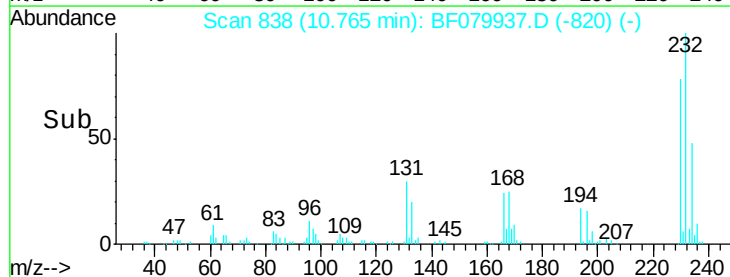
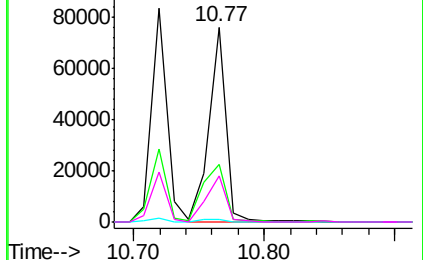


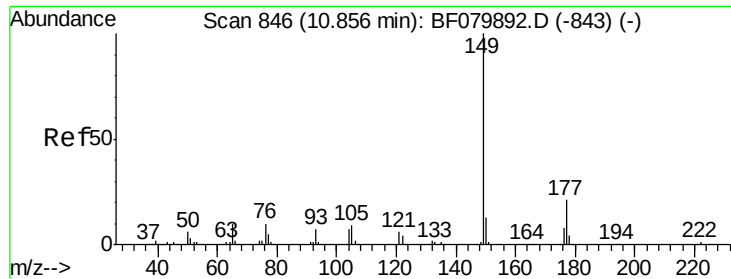
Abundance Ion 232.00 (231.70 to 232.70): E

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

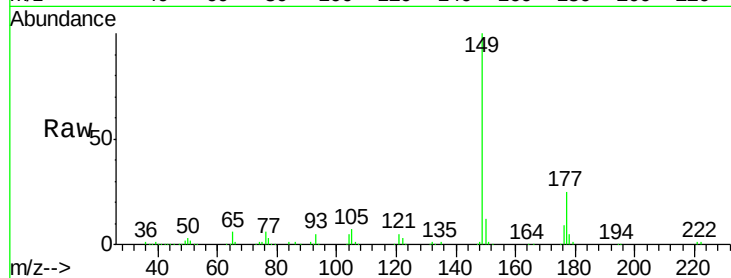




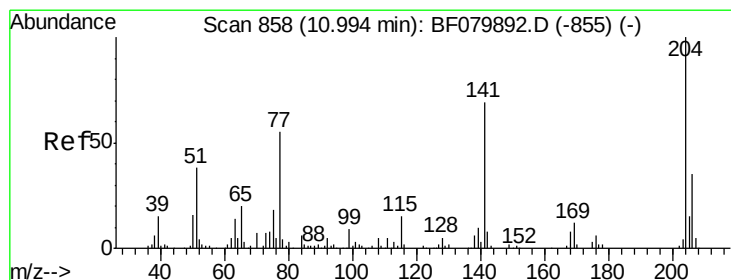
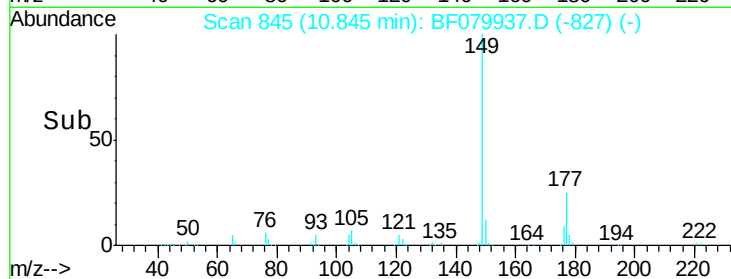
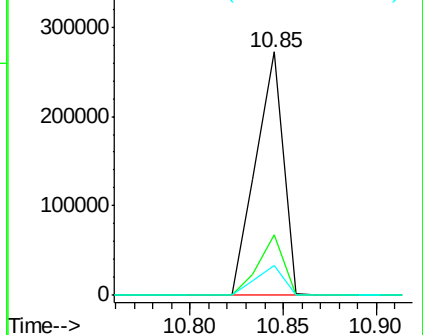
#59
Diethylphthalate
Concen: 32.46 ng
RT: 10.85 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:149 Resp: 276081
Ion Ratio Lower Upper
149 100
177 25.0 16.9 25.3
150 12.3 10.4 15.6

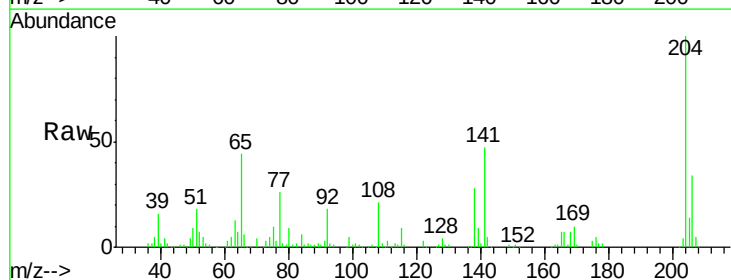


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

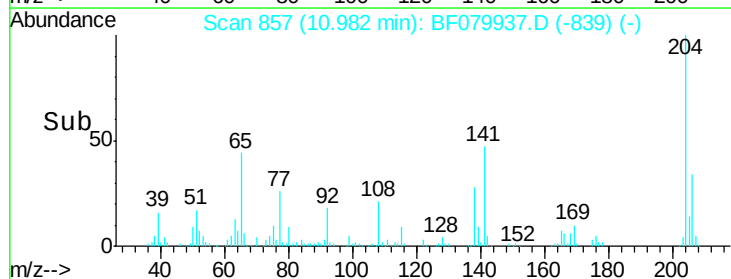
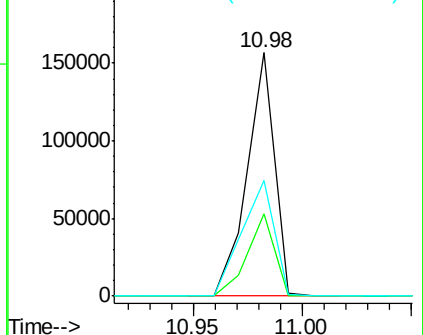


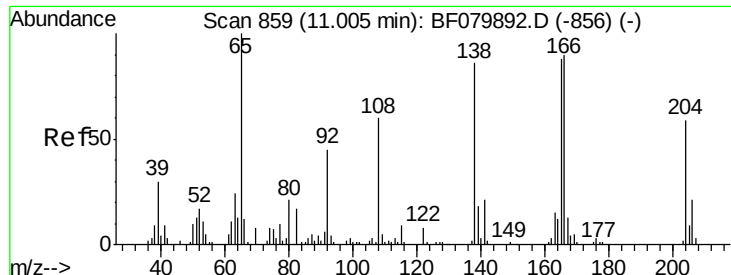
#60
4-Chlorophenyl-phenylether
Concen: 34.23 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:204 Resp: 136639
Ion Ratio Lower Upper
204 100
206 34.0 28.0 42.0
141 47.3 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

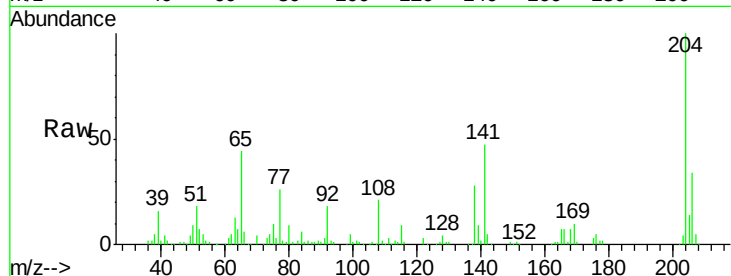




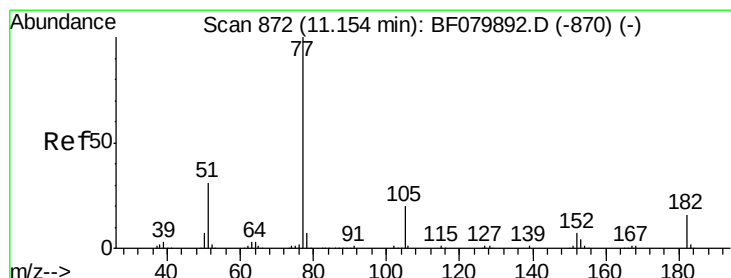
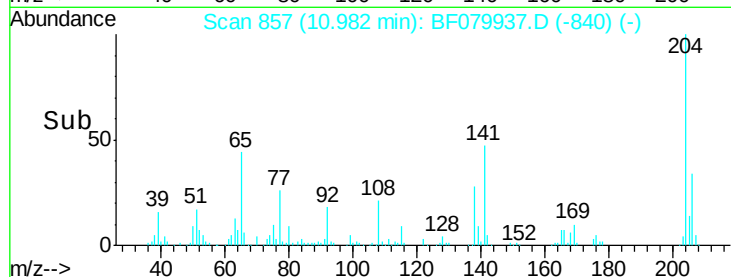
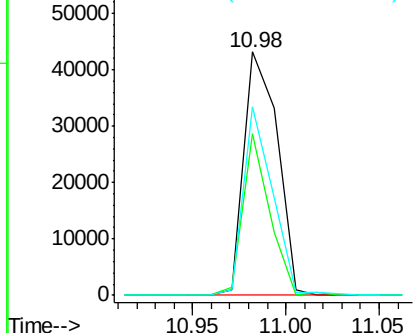
#61
4-Nitroaniline
Concen: 28.51 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion:138 Resp: 53825
Ion Ratio Lower Upper
138 100
92 66.6 32.9 72.9
108 77.3 50.4 90.4

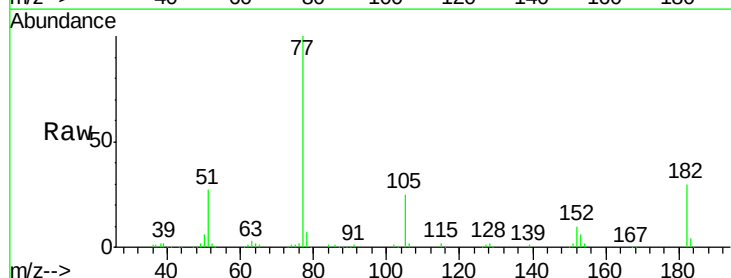


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

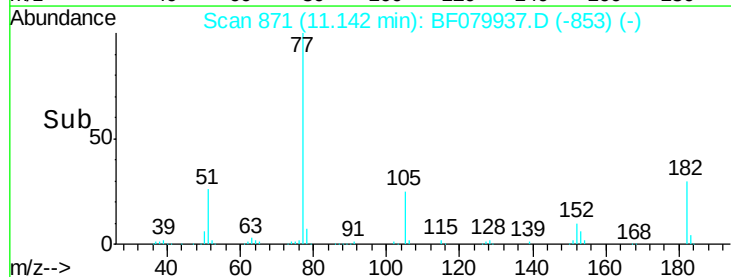
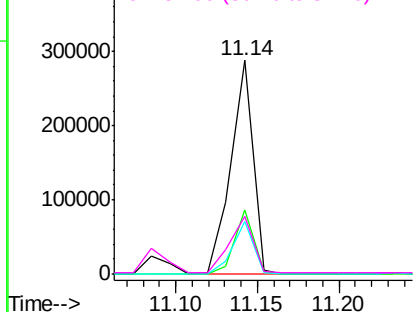


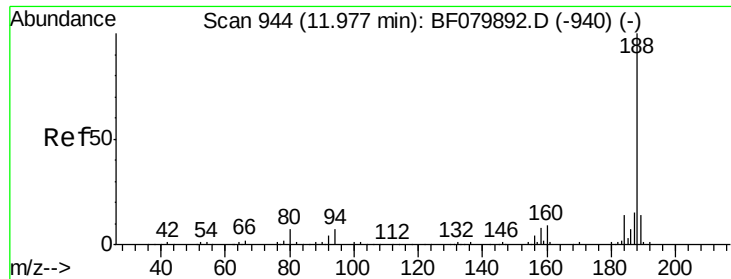
#62
Azobenzene
Concen: 32.89 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion: 77 Resp: 269133
Ion Ratio Lower Upper
77 100
182 30.1 0.0 35.9
105 24.6 0.1 40.1
51 26.8 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: 11.95 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

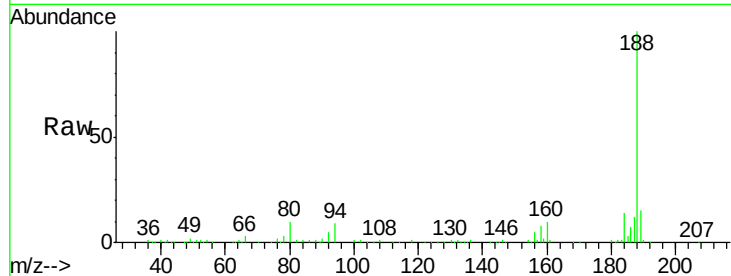
Tgt Ion:188 Resp: 220328

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

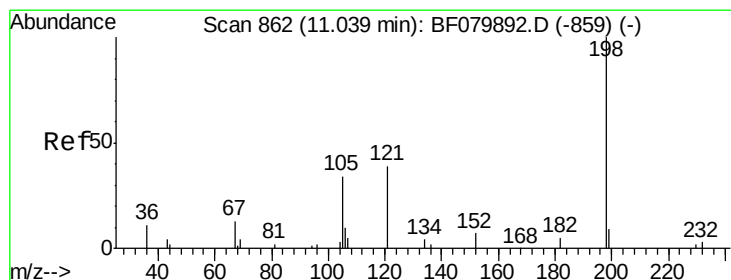
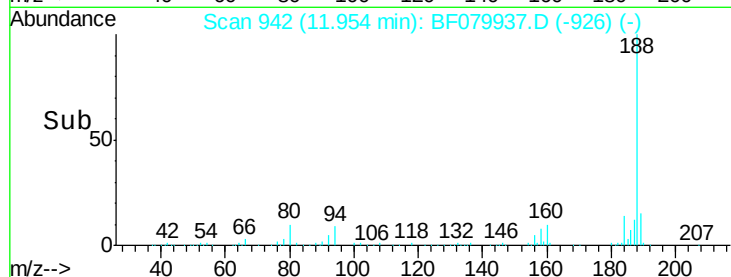
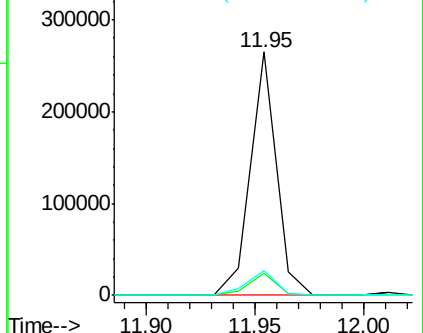
80 10.4 5.9 8.9#



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: 36.62 ng

RT: 11.02 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

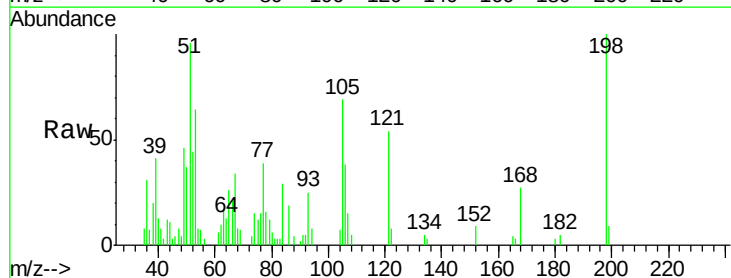
Tgt Ion:198 Resp: 16580

Ion Ratio Lower Upper

198 100

51 95.7 22.1 62.1#

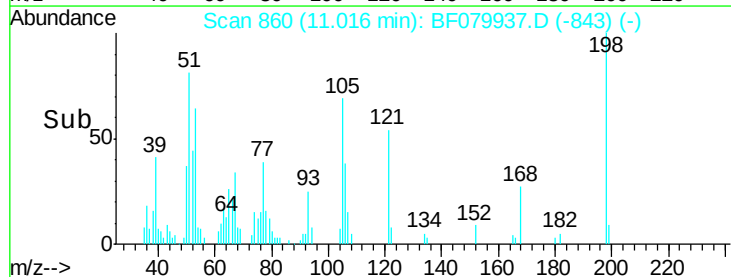
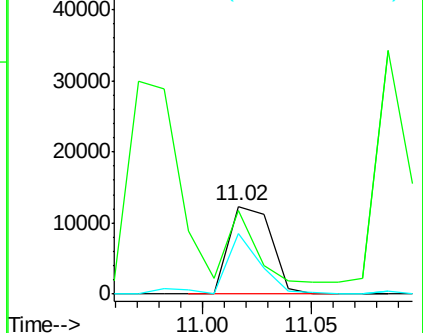
105 69.5 22.7 62.7#

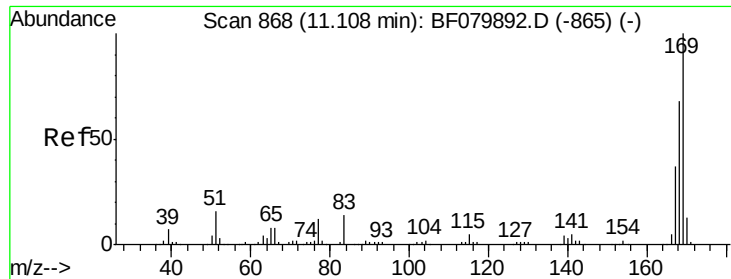


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

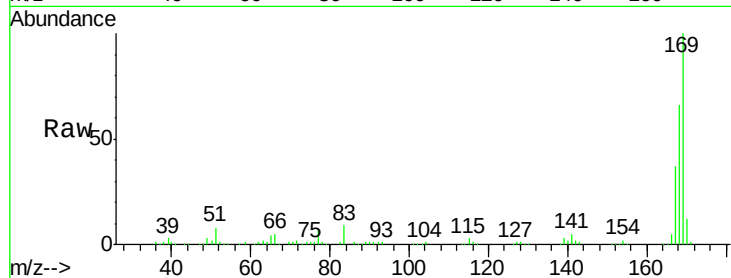




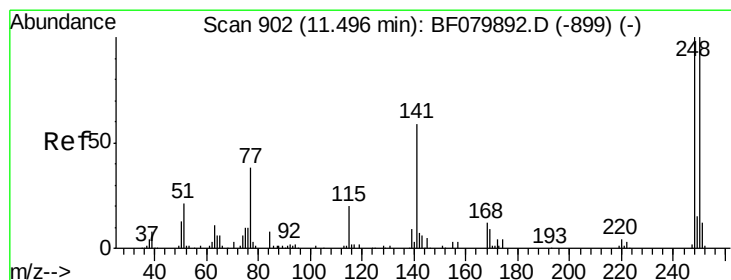
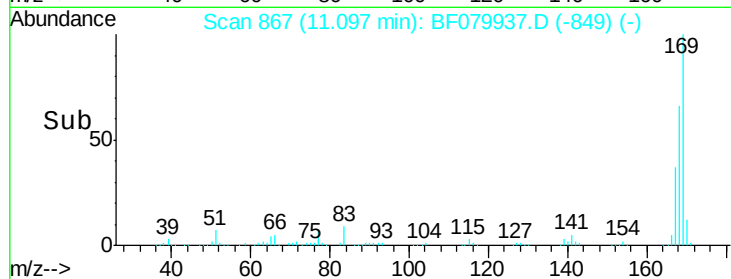
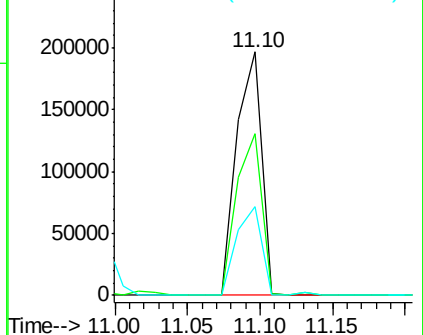
#65
 n-Nitrosodiphenylamine
 Concen: 32.99 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:169 Resp: 234635
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.2 81.4
 167 36.6 29.7 44.5

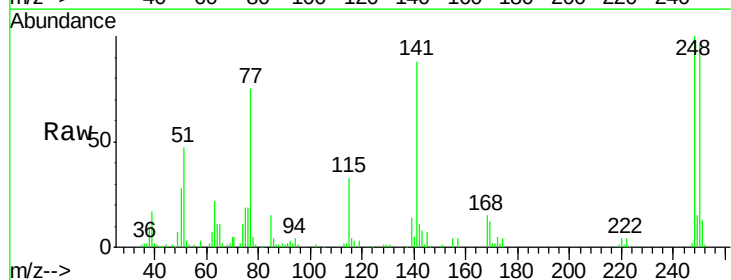


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

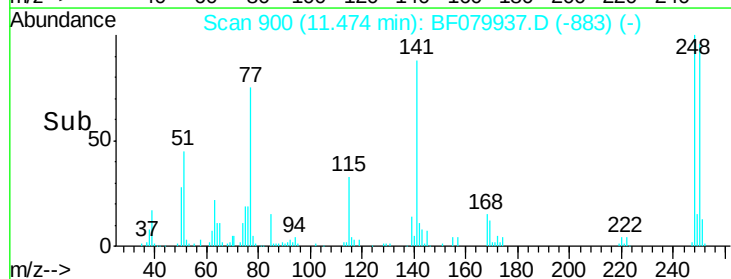
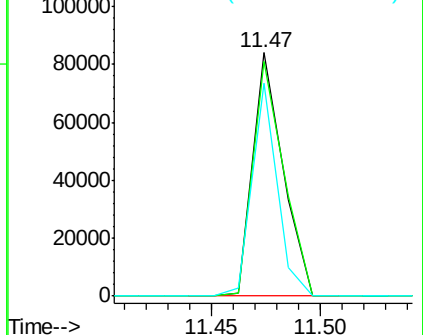


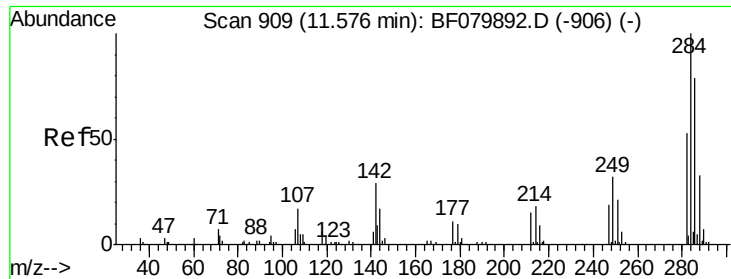
#66
 4-Bromophenyl-phenylether
 Concen: 32.83 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:248 Resp: 81048
 Ion Ratio Lower Upper
 248 100
 250 96.3 80.2 120.2
 141 87.6 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: 32.24 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

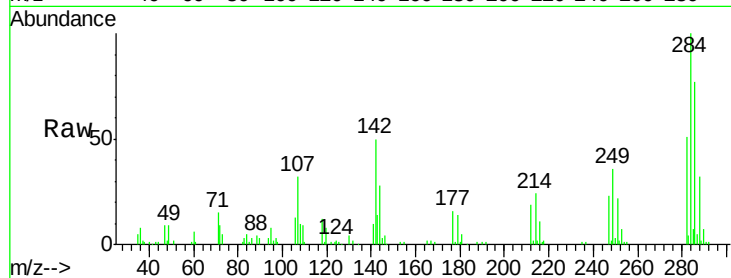
Tgt Ion:284 Resp: 86829

Ion Ratio Lower Upper

284 100

142 49.7 23.5 35.3#

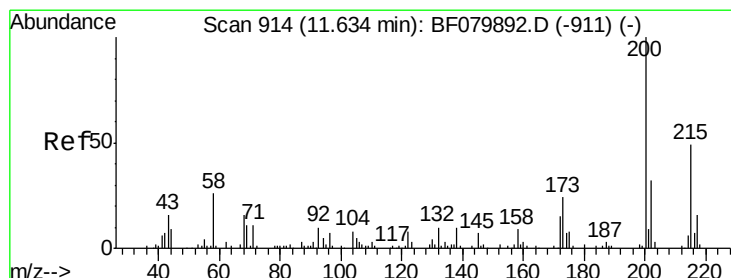
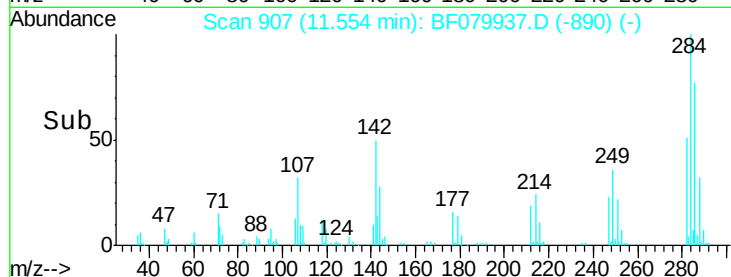
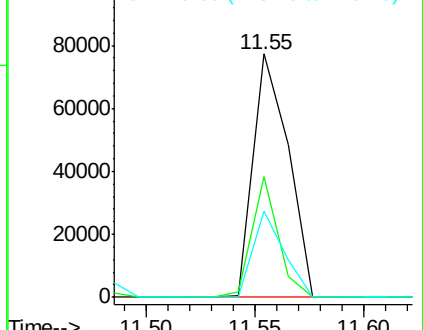
249 35.5 25.3 37.9



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: 37.01 ng

RT: 11.61 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

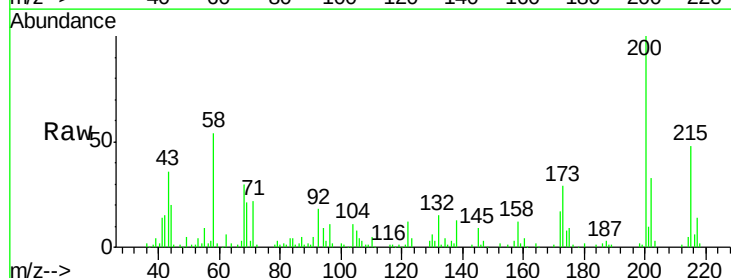
Tgt Ion:200 Resp: 81027

Ion Ratio Lower Upper

200 100

173 29.0 4.1 44.1

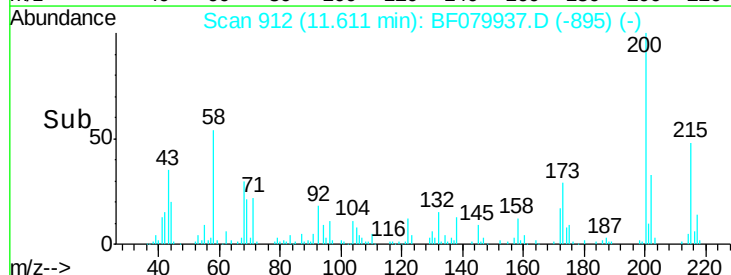
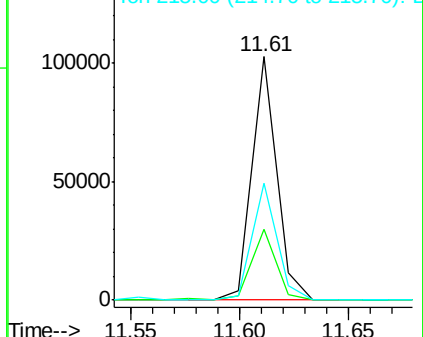
215 48.2 29.2 69.2

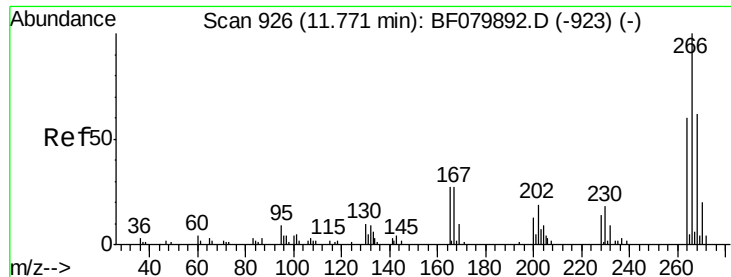


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

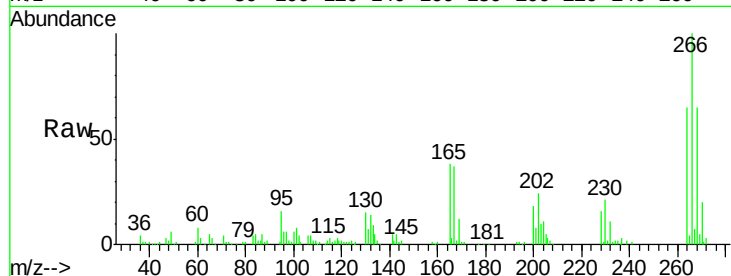




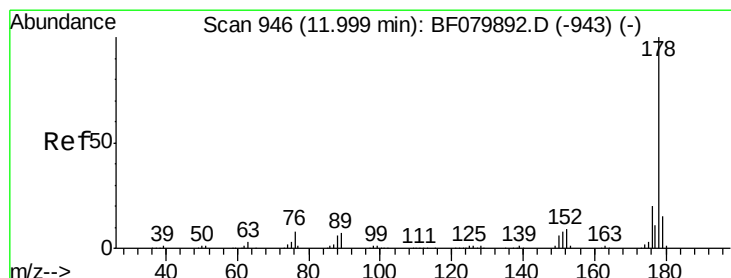
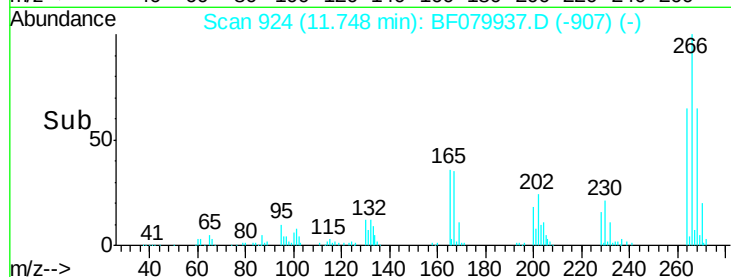
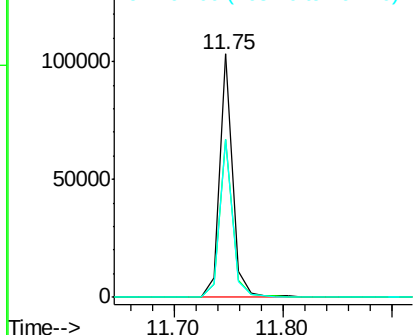
#69
 Pentachlorophenol
 Concen: 70.18 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion: 266 Resp: 87280
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.4 74.2
 264 64.8 47.7 71.5

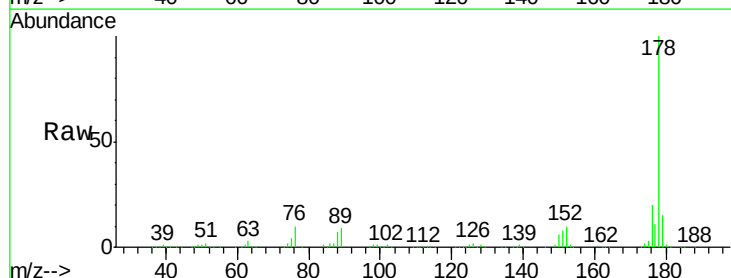


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

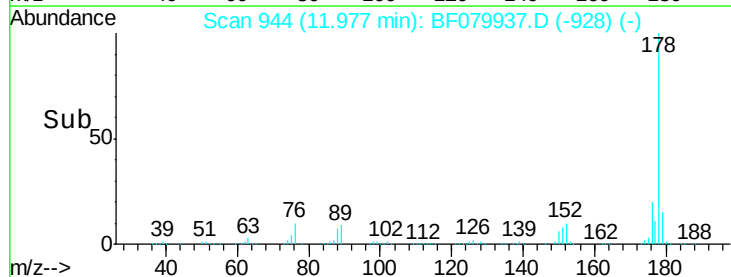
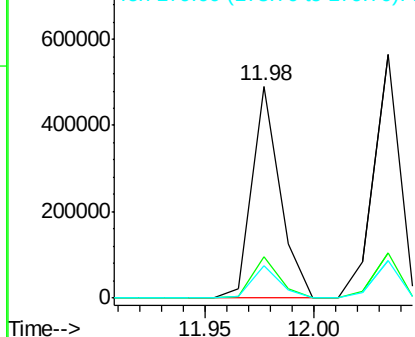


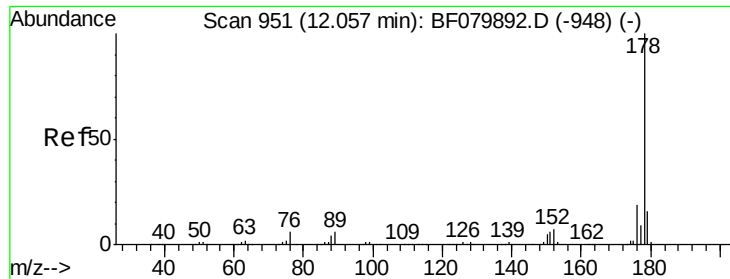
#70
 Phenanthrene
 Concen: 33.45 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion: 178 Resp: 439182
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.4 12.3 18.5



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

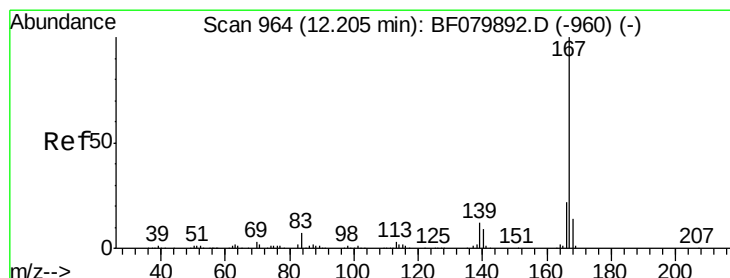
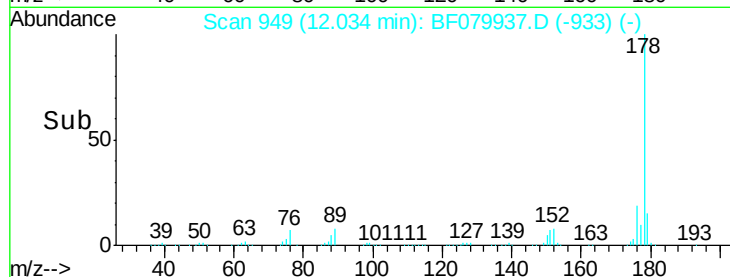
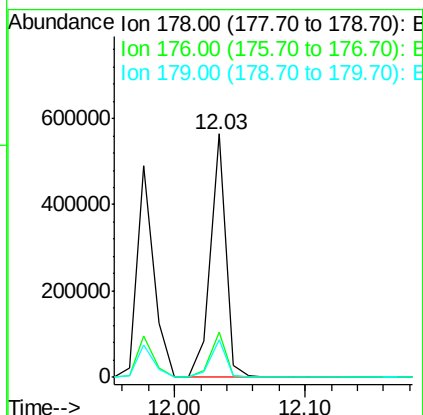
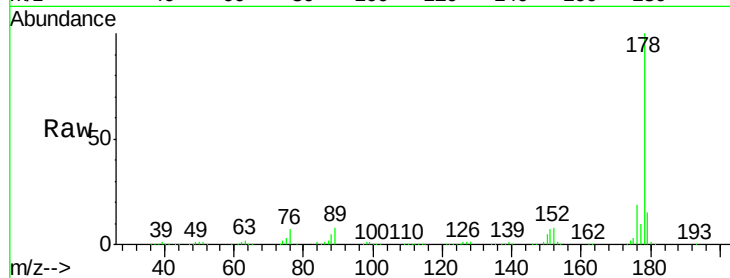




#71
 Anthracene
 Concen: 36.74 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

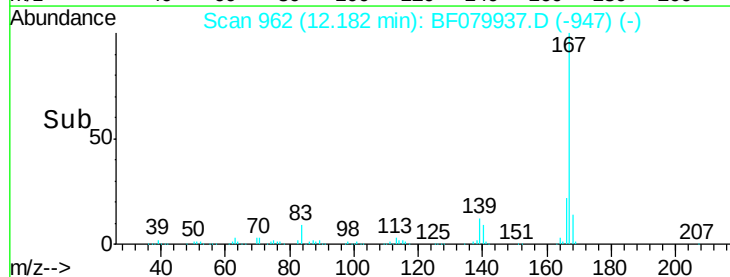
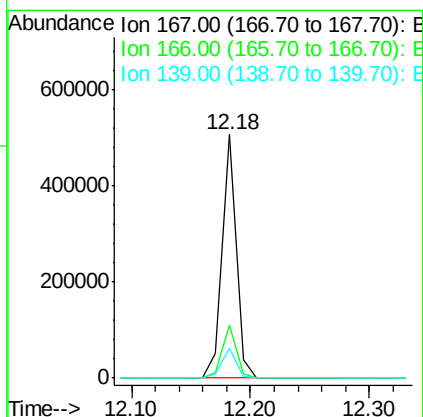
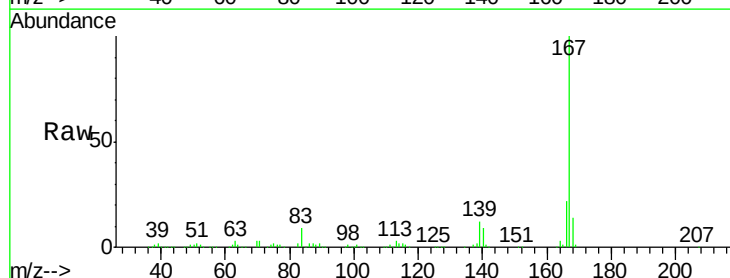
Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

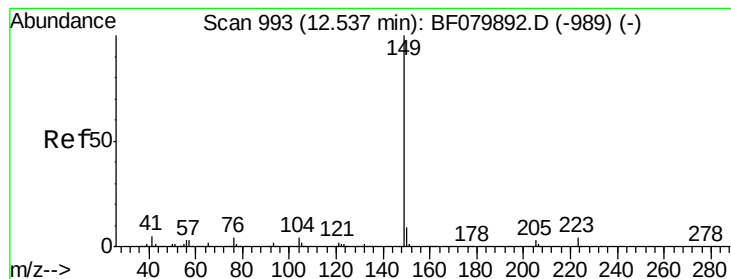
Tgt Ion:178 Resp: 466806
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 33.42 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:167 Resp: 411837
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.4 9.5 14.3





#73

Di-n-butylphthalate

Concen: 36.95 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

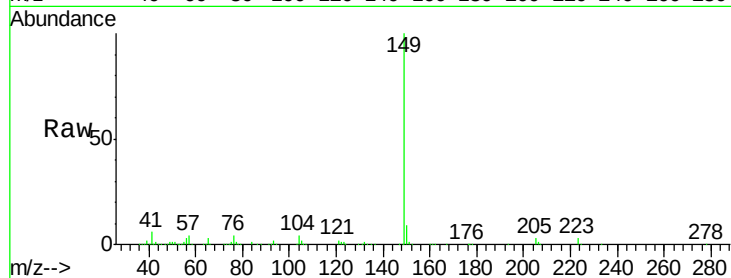
Tgt Ion:149 Resp: 496056

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

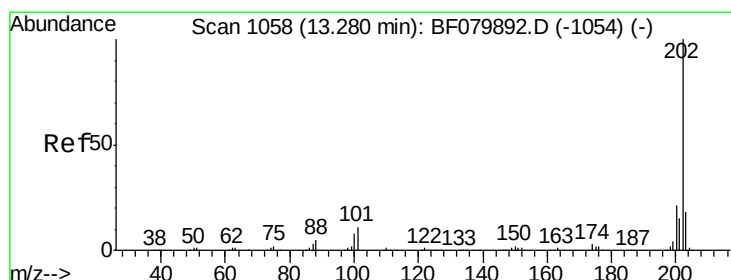
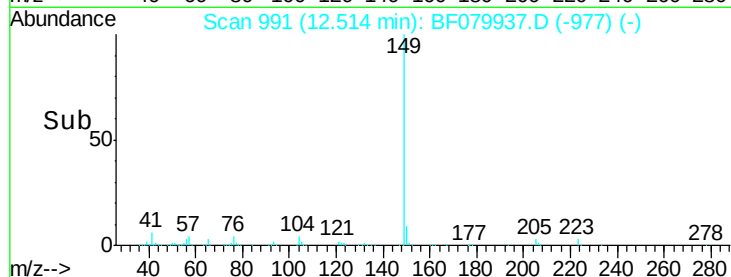
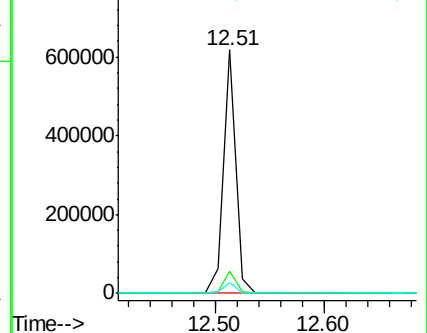
104 4.3 3.3 4.9



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: 33.42 ng

RT: 13.26 min Scan# 1056

Delta R.T. -0.08 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

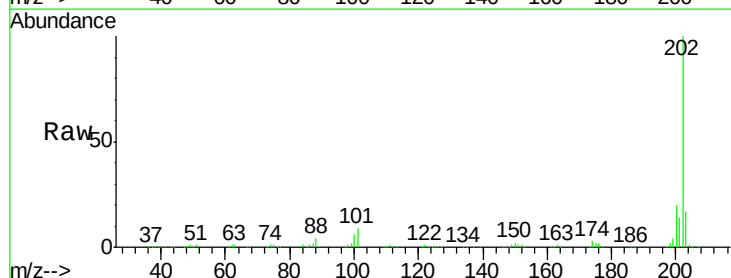
Tgt Ion:202 Resp: 485093

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.7

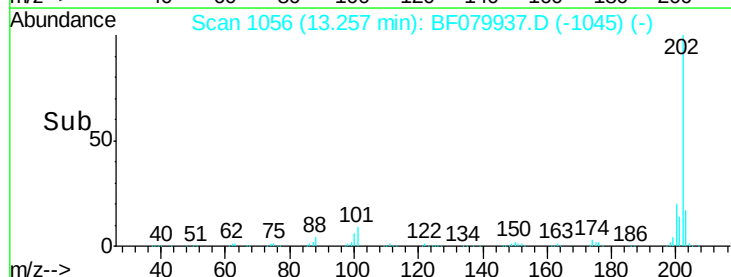
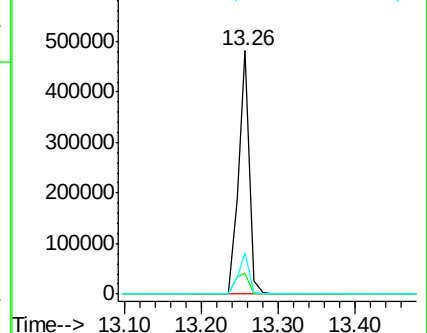
203 17.2 0.0 38.0

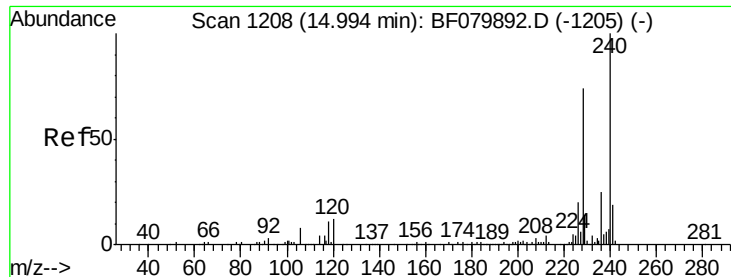


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.96 min Scan# 1205

Delta R.T. -0.18 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

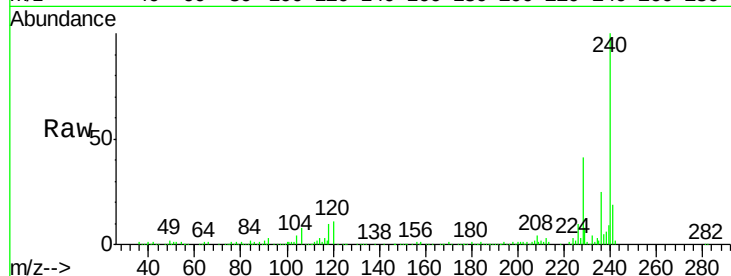
Tgt Ion:240 Resp: 250374

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

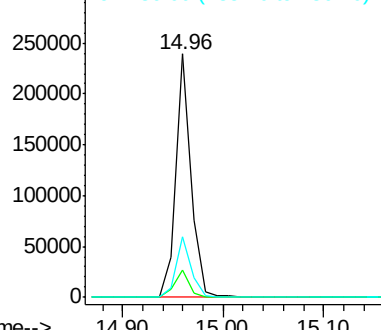
236 25.0 19.6 29.4



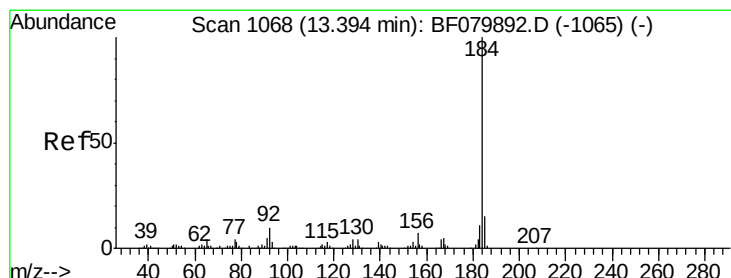
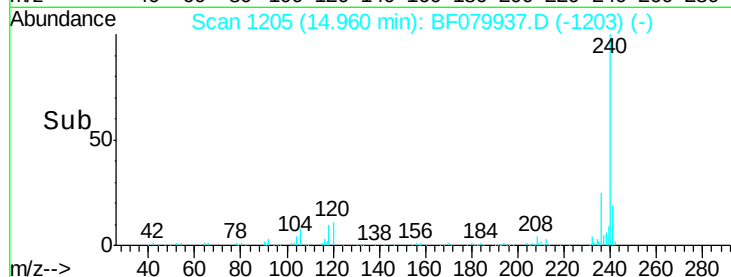
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 35.58 ng

RT: 13.37 min Scan# 1066

Delta R.T. -0.09 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

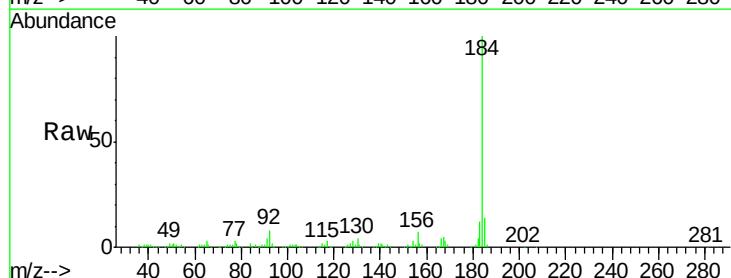
Tgt Ion:184 Resp: 246703

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

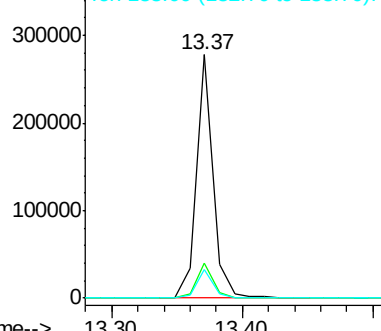
183 11.7 9.0 13.6



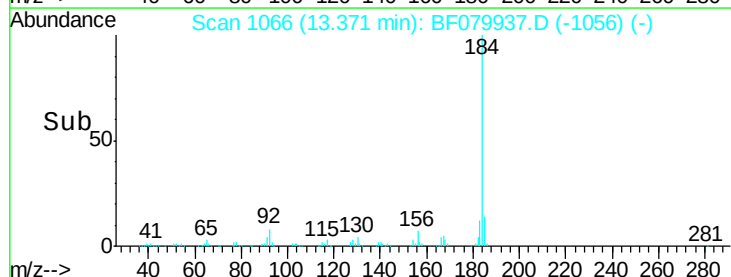
Abundance Ion 184.00 (183.70 to 184.70): E

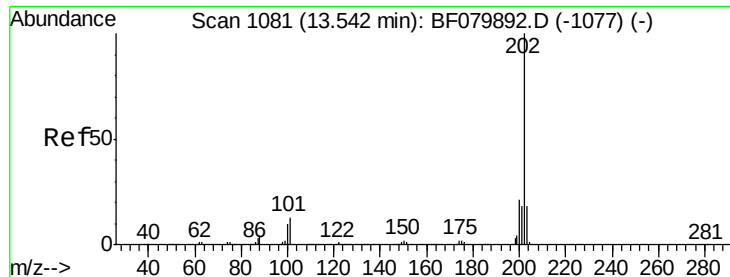
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

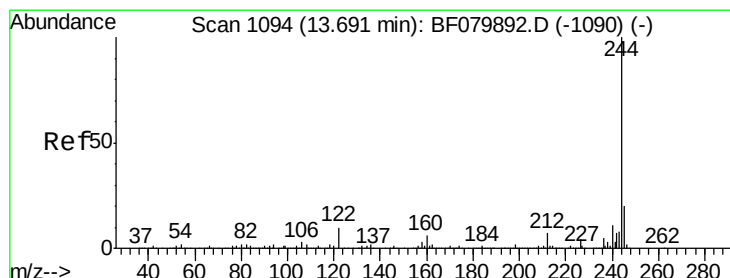
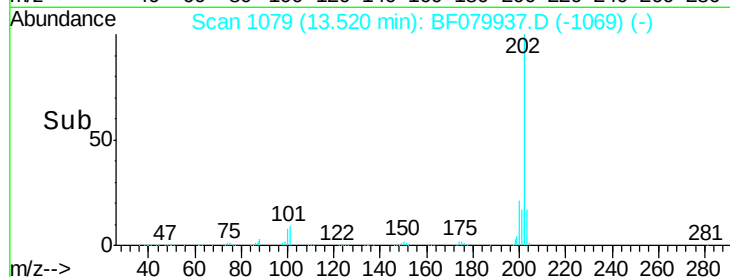
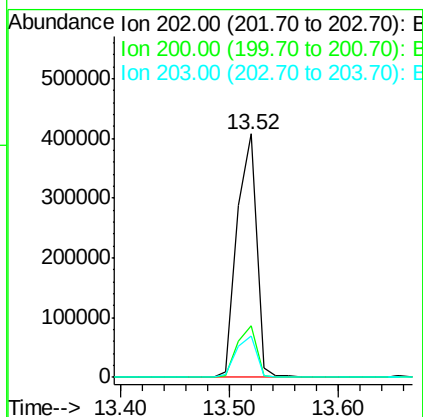
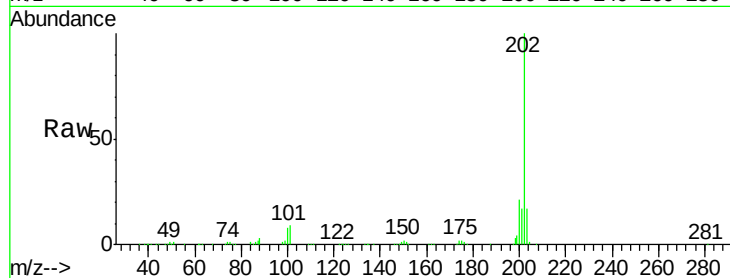




#77
 Pyrene
 Concen: 31.83 ng
 RT: 13.52 min Scan# 1079
 Delta R.T. -0.09 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

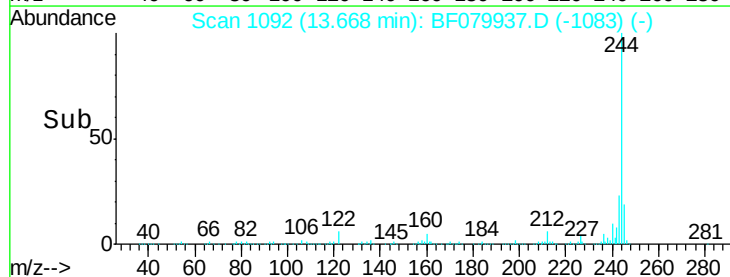
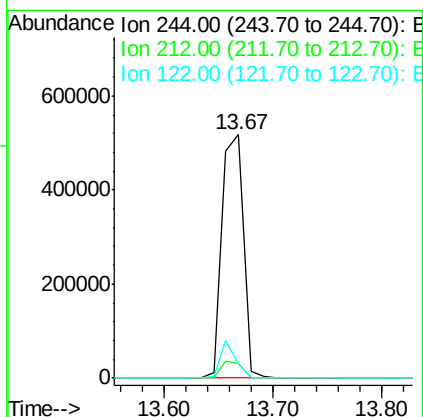
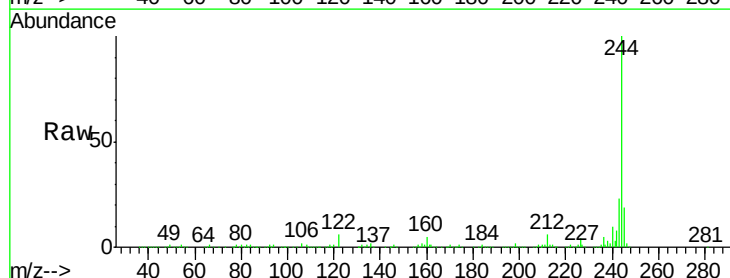
Instrument :
 BNA_F
 ClientSampled :
 PB83970BS

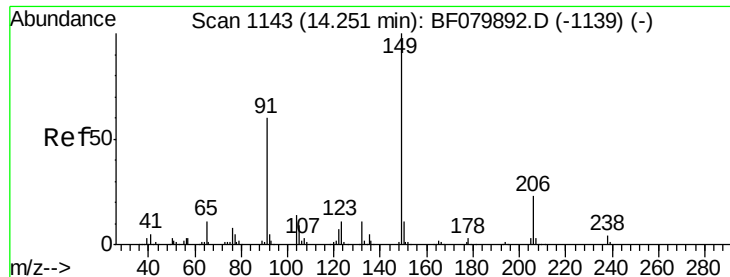
Tgt Ion: 202 Resp: 500590
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.8 25.2
 203 17.0 14.4 21.6



#78
 Terphenyl-d14
 Concen: 65.26 ng
 RT: 13.67 min Scan# 1092
 Delta R.T. -0.10 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion: 244 Resp: 708665
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.2
 122 6.2 7.8 11.8#

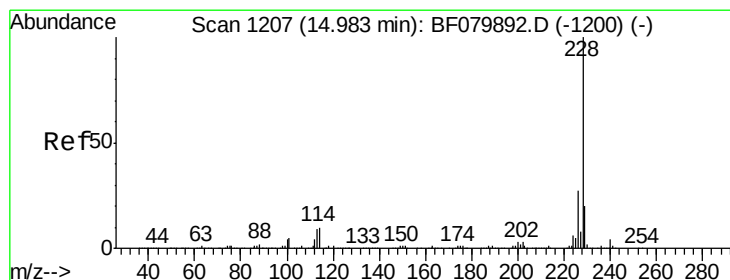
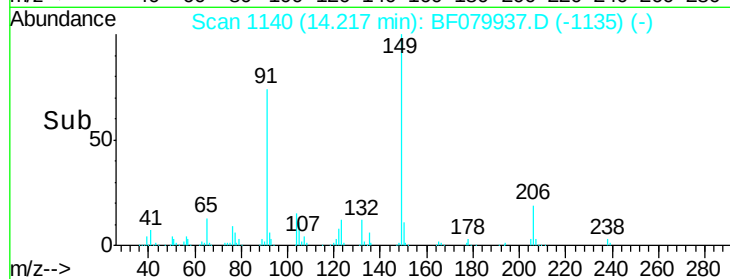
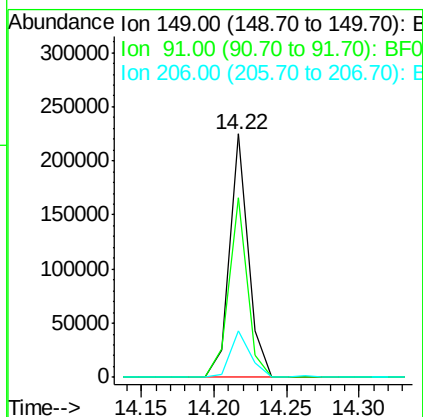
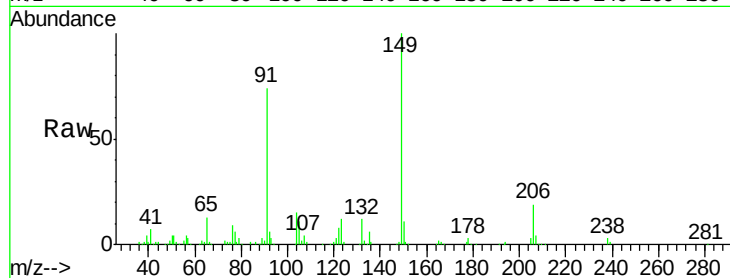




#79
Butylbenzylphthalate
Concen: 38.07 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.15 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

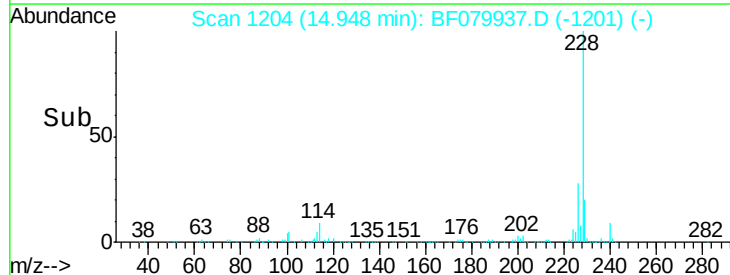
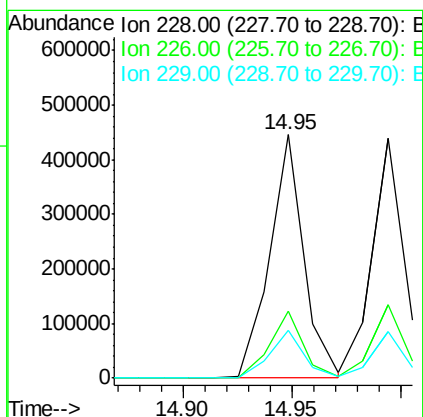
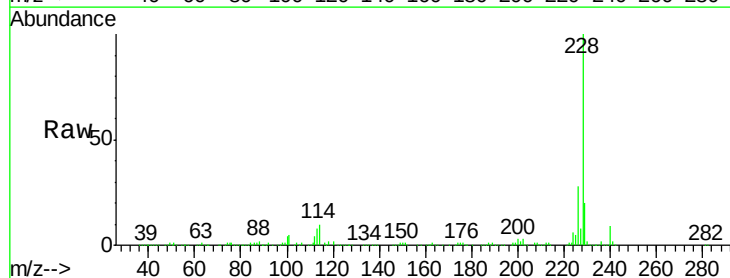
Instrument :
BNA_F
ClientSampleId :
PB83970BS

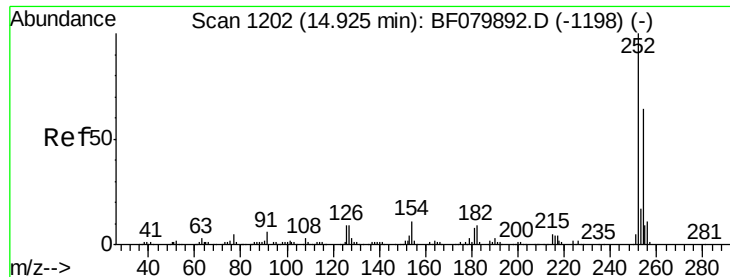
Tgt Ion:149 Resp: 202136
Ion Ratio Lower Upper
149 100
91 73.7 48.1 72.1#
206 19.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 30.89 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.17 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:228 Resp: 491169
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.8 15.9 23.9

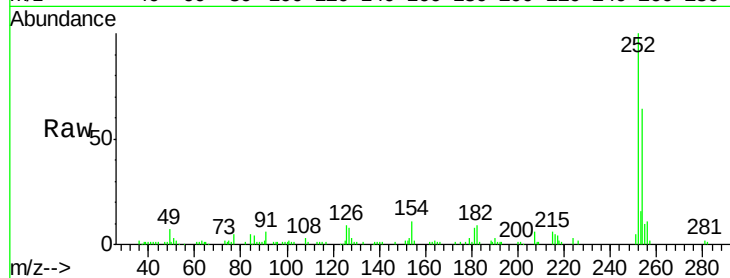




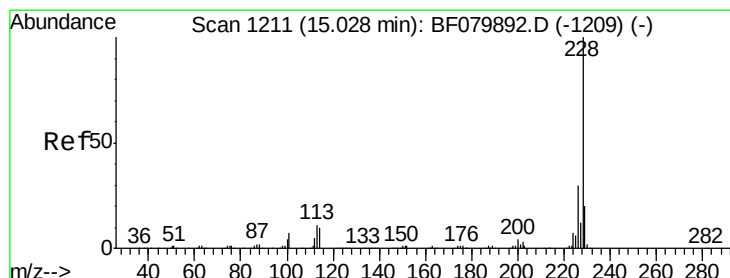
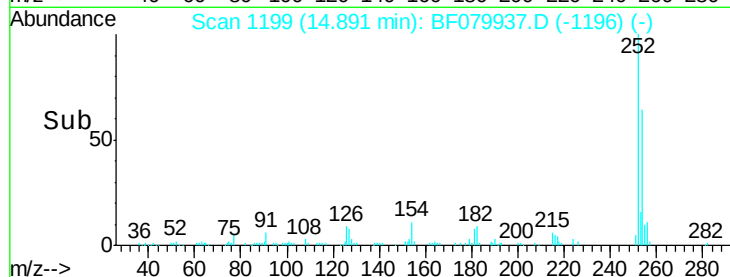
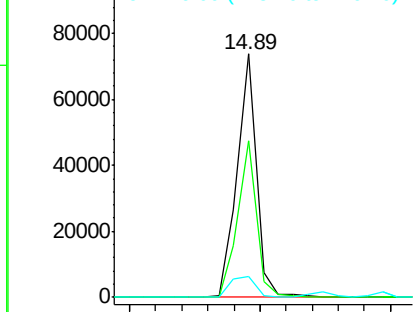
#81
 3,3'-Dichlorobenzidine
 Concen: 14.90 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.17 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:252 Resp: 75731
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.1 76.7
 126 8.7 7.3 10.9

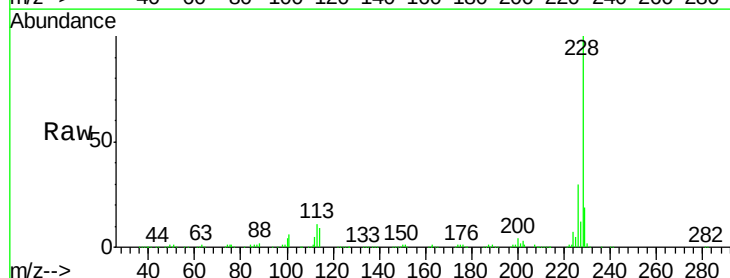


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

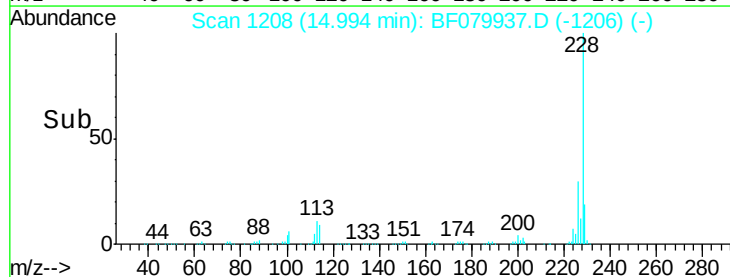
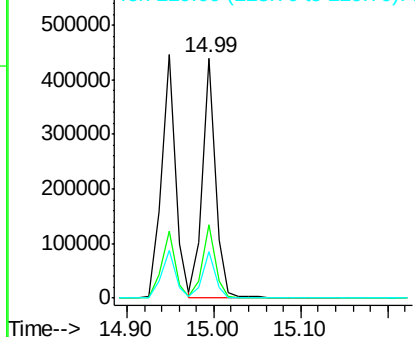


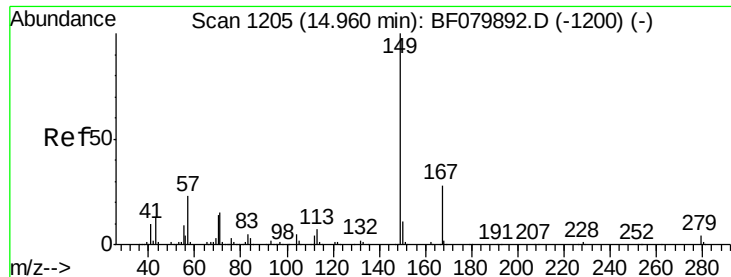
#82
 Chrysene
 Concen: 32.35 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.18 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:228 Resp: 459681
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 19.4 16.1 24.1



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

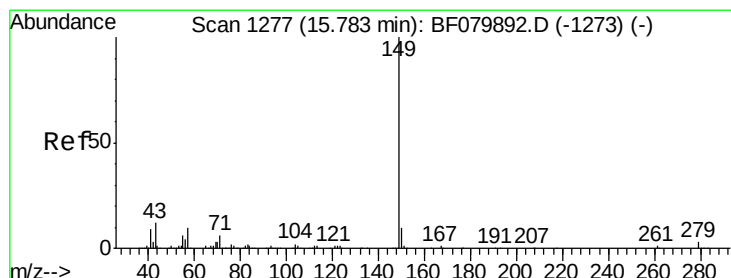
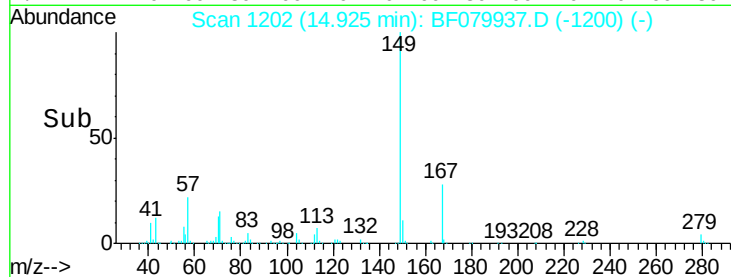
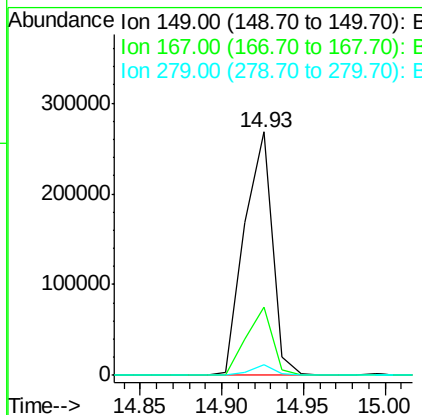
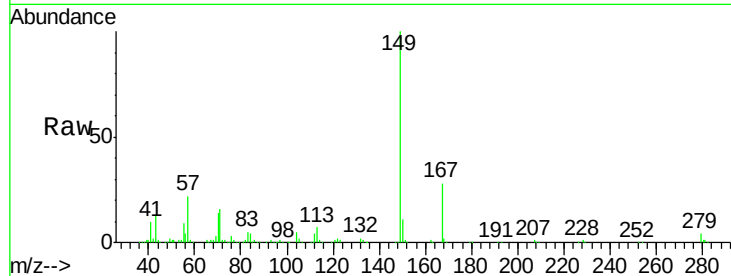




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.42 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. -0.18 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

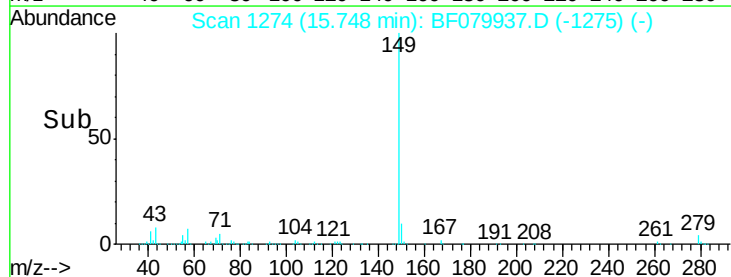
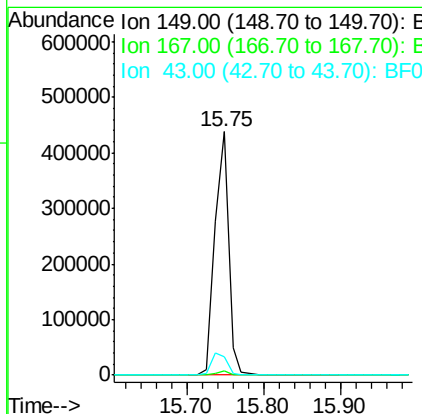
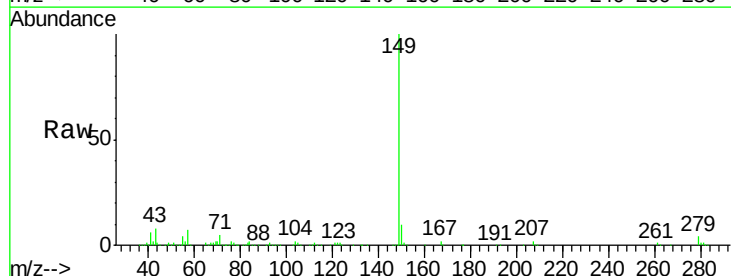
Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

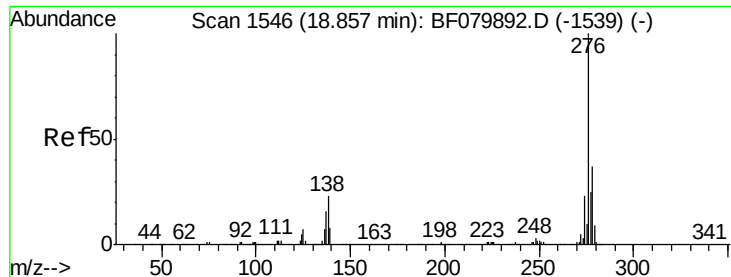
Tgt Ion:149 Resp: 317995
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.2 33.4
 279 4.4 3.1 4.7



#84
 Di-n-octyl phthalate
 Concen: 38.92 ng
 RT: 15.75 min Scan# 1274
 Delta R.T. -0.22 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:149 Resp: 539401
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 10.2 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.53 ng

RT: 18.78 min Scan# 1539

Delta R.T. -0.24 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

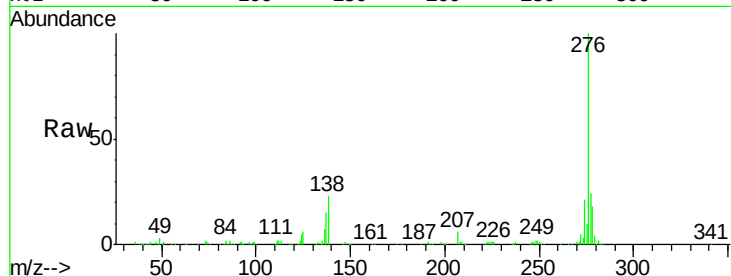
Tgt Ion:276 Resp: 524931

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

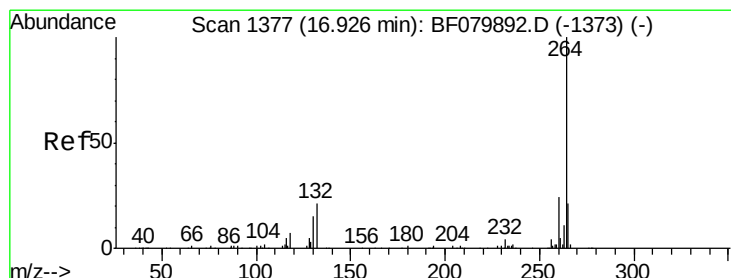
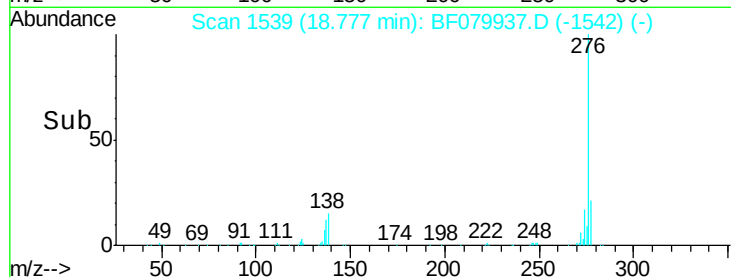
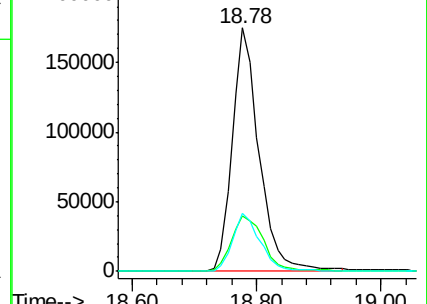
277 24.8 19.9 29.9



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: 16.88 min Scan# 1373

Delta R.T. -0.22 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

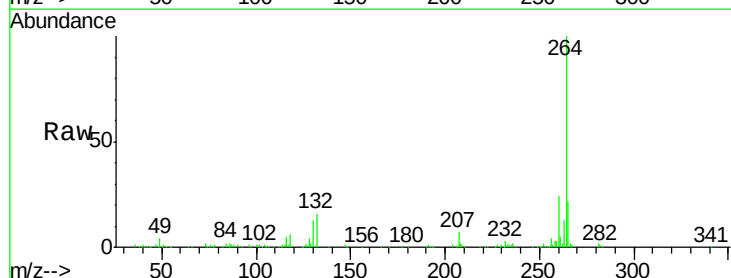
Tgt Ion:264 Resp: 234825

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

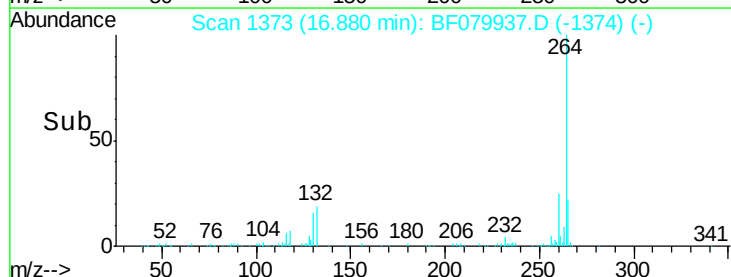
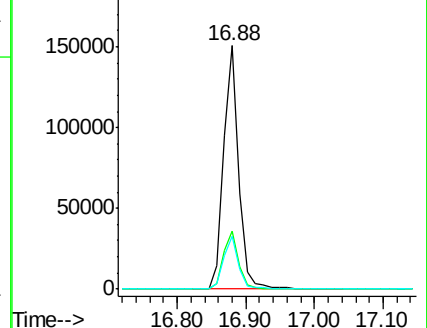
265 21.5 17.0 25.6

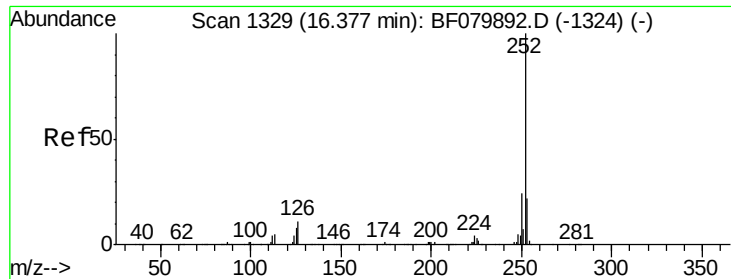


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

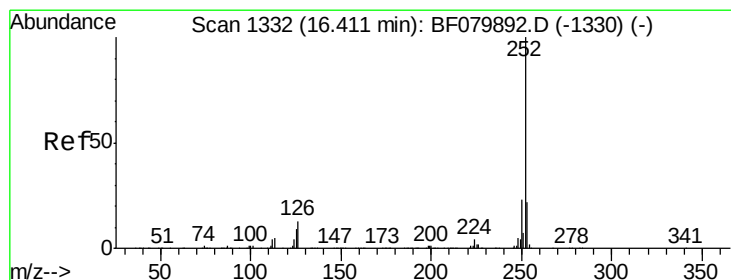
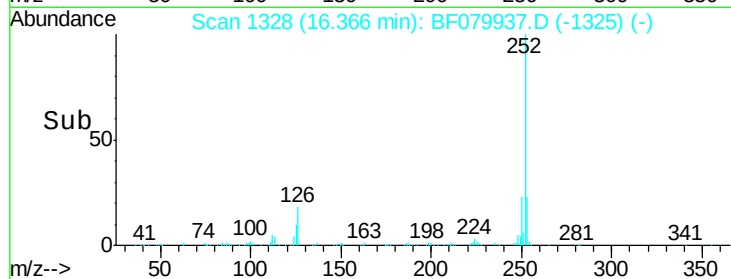
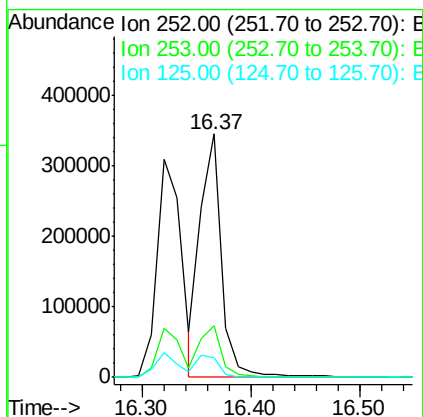
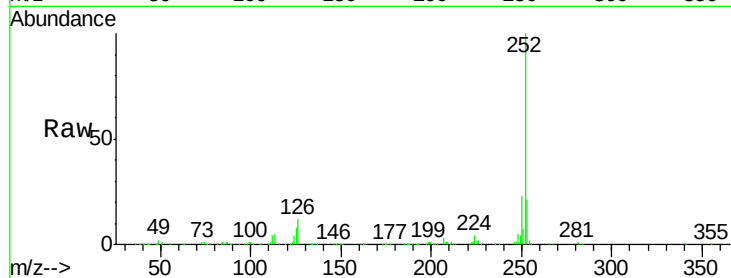




#87
Benzo(b)fluoranthene
Concen: 32.83 ng
RT: 16.37 min Scan# 1328
Delta R.T. -0.17 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

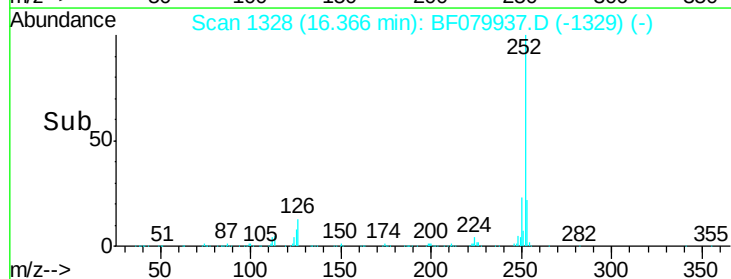
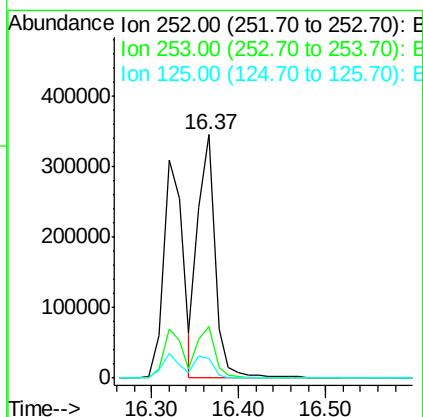
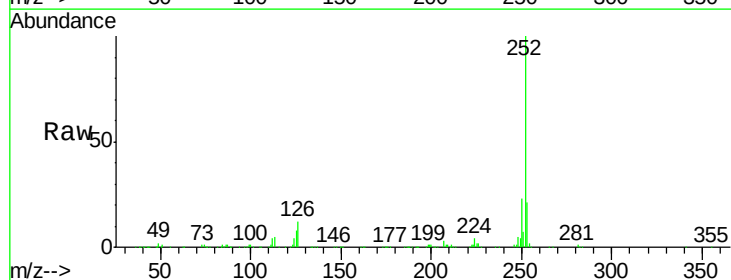
Instrument :
BNA_F
ClientSampleId :
PB83970BS

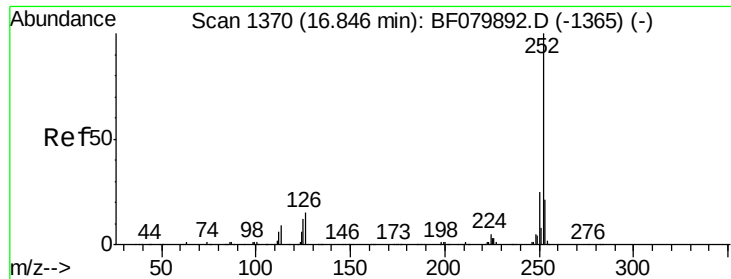
Tgt Ion:252 Resp: 472404
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 8.1 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 32.40 ng
RT: 16.37 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:252 Resp: 475511
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 8.1 7.4 11.0





#89

Benzo(a)pyrene

Concen: 34.00 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.22 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

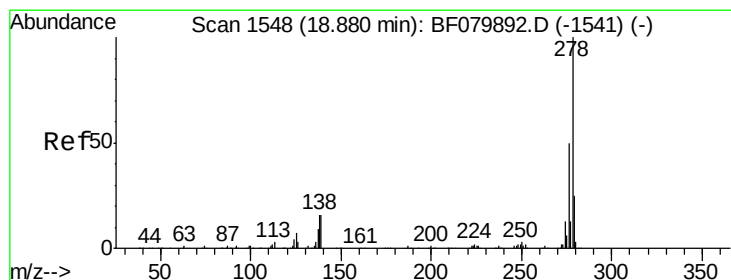
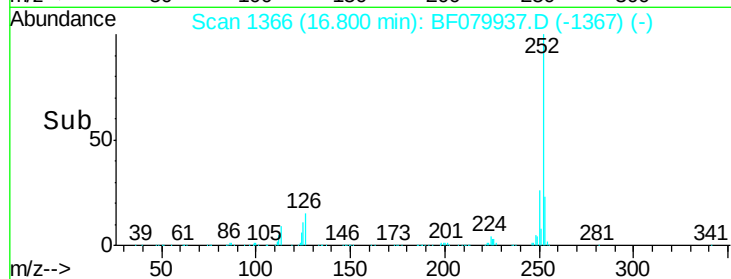
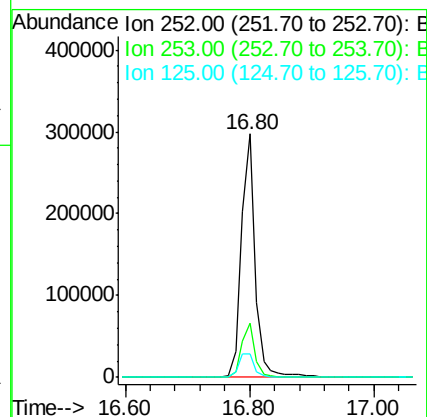
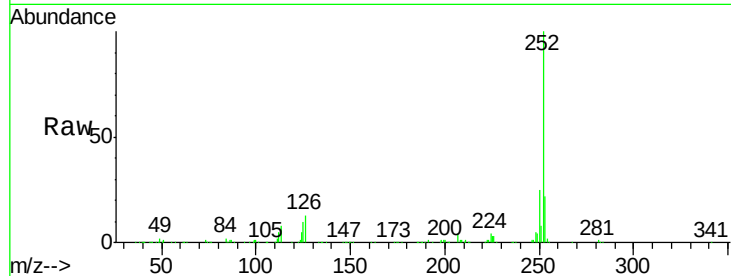
Instrument :

BNA_F

ClientSampleId :

PB83970BS

Tgt Ion:	252	Resp:	465281
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	9.9	9.7	14.5



#90

Dibenzo(a,h)anthracene

Concen: 32.68 ng

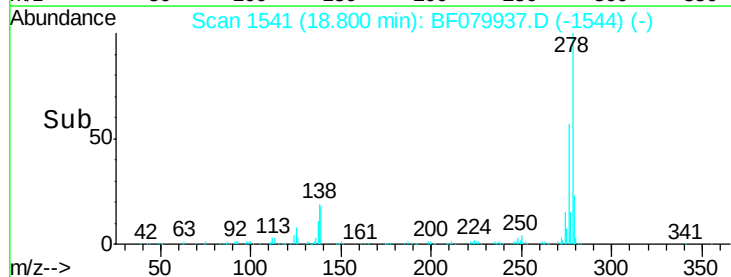
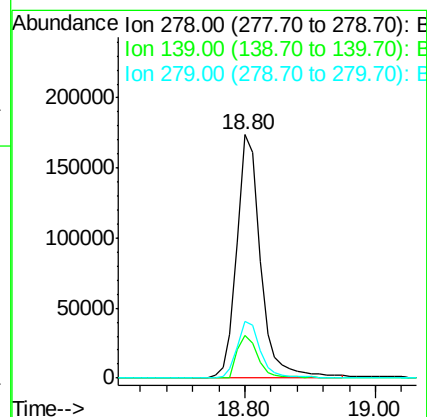
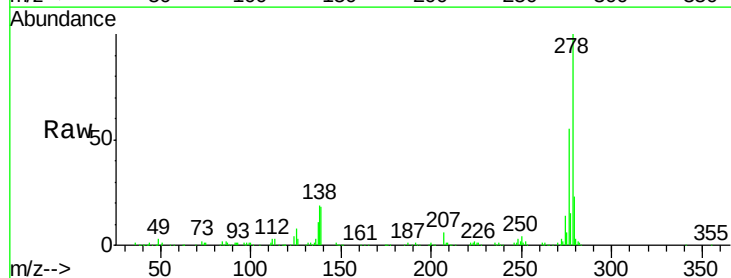
RT: 18.80 min Scan# 1541

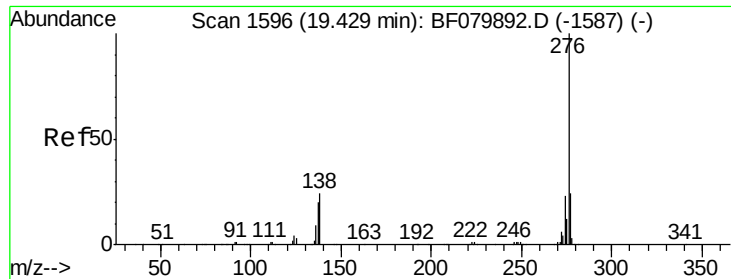
Delta R.T. -0.24 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	278	Resp:	439588
Ion Ratio	Lower	Upper	
278	100		
139	17.5	12.8	19.2
279	23.2	19.7	29.5





#91

Benzo(g,h,i)perylene

Concen: 32.01 ng

RT: 19.35 min Scan# 1589

Delta R.T. -0.24 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

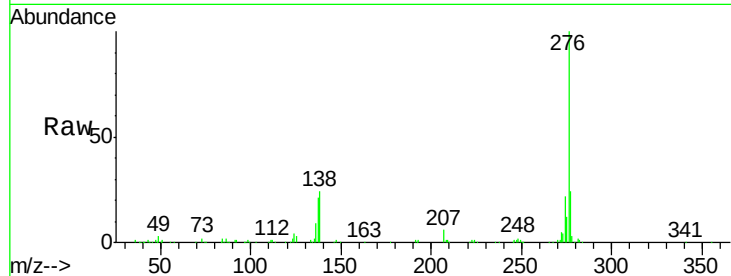
Tgt Ion: 276 Resp: 445544

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 23.8 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

