

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079869.D
 Acq On : 10 Jun 2015 17:17
 Operator : TP/IZ
 Sample : PB83890BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Quant Time: Jun 11 02:08:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	53614	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	211191	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	106786	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	208505	20.00	ng	-0.01
75) Chrysene-d12	15.04	240	228454	20.00	ng	-0.03
86) Perylene-d12	17.01	264	205531	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.03	112	379769	116.74	ng	0.00
7) Phenol-d6	7.02	99	504399	119.83	ng	0.00
23) Nitrobenzene-d5	7.98	82	258614	70.74	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	124754	134.99	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	624350	82.23	ng	0.00
78) Terphenyl-d14	13.71	244	754125	74.42	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	42887	28.84	ng	# 91
3) Pyridine	4.18	79	127027	31.81	ng	98
4) n-Nitrosodimethylamine	4.09	42	70655	35.33	ng	87
6) Aniline	7.07	93	129668	21.39	ng	97
8) 2-Chlorophenol	7.20	128	138611	37.79	ng	90
9) Benzaldehyde	6.96	77	91591	37.09	ng	83
10) Phenol	7.03	94	180659	40.28	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	135140	38.59	ng	96
12) 1,3-Dichlorobenzene	7.36	146	151337	36.01	ng	95
13) 1,4-Dichlorobenzene	7.44	146	160372	33.67	ng	98
14) 1,2-Dichlorobenzene	7.59	146	140666m	34.01	ng	
15) Benzyl Alcohol	7.54	79	123450	36.37	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.68	45	204766	37.73	ng	97
17) 2-Methylphenol	7.64	107	119699	37.93	ng	98
18) Hexachloroethane	7.94	117	52784	35.68	ng	94
19) n-Nitroso-di-n-propylamine	7.80	70	104198	35.53	ng	98
20) 3+4-Methylphenols	7.79	107	151344	37.12	ng	98
22) Acetophenone	7.82	105	202287	38.61	ng	# 97
24) Nitrobenzene	7.99	77	127651	34.76	ng	93
25) Isophorone	8.23	82	280623	36.82	ng	97
26) 2-Nitrophenol	8.32	139	39571	26.97	ng	97
27) 2,4-Dimethylphenol	8.33	122	135617	39.42	ng	97
28) bis(2-Chloroethoxy)methane	8.43	93	163396	35.40	ng	98
29) 2,4-Dichlorophenol	8.55	162	114102	38.92	ng	# 82
30) 1,2,4-Trichlorobenzene	8.65	180	125741	33.36	ng	97
31) Naphthalene	8.73	128	423844	37.69	ng	99
32) Benzoic acid	8.39	122	32521	31.20	ng	98
33) 4-Chloroaniline	8.76	127	78537m	17.29	ng	
34) Hexachlorobutadiene	8.84	225	72605	34.99	ng	97
35) Caprolactam	9.11	113	33069	38.54	ng	90
36) 4-Chloro-3-methylphenol	9.23	107	128416	40.35	ng	99
37) 2-Methylnaphthalene	9.43	142	296523	37.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	127979	34.29	ng	98
40) Hexachlorocyclopentadiene	9.59	237	126421	70.88	ng	99

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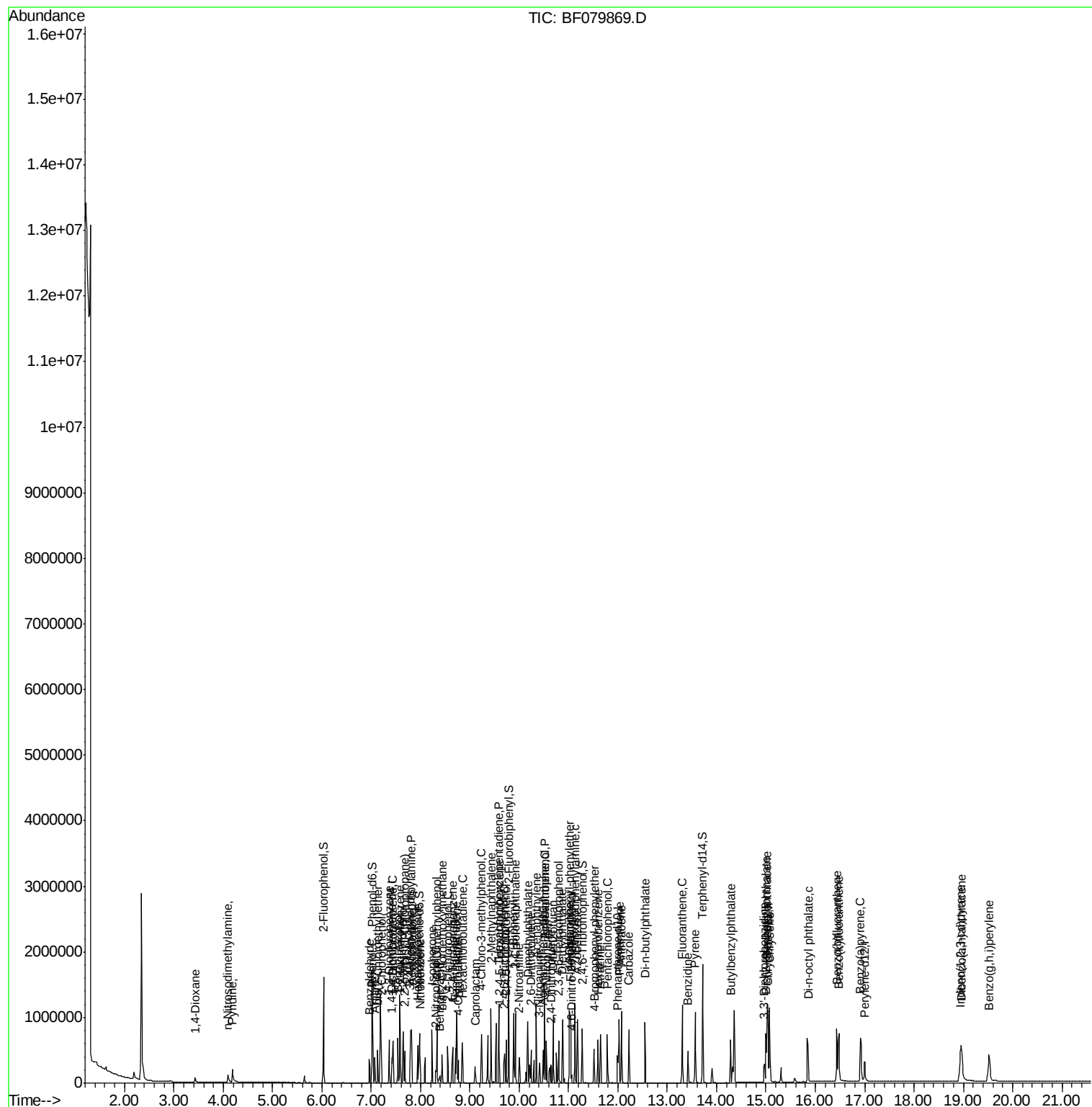
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42) 2,4,6-Trichlorophenol	9.70	196	78367	34.76	ng	100
43) 2,4,5-Trichlorophenol	9.74	196	92234	39.64	ng	97
45) 1,1'-Biphenyl	9.88	154	336827	38.05	ng	95
46) 2-Chloronaphthalene	9.92	162	277996	38.46	ng	96
47) 2-Nitroaniline	10.00	65	55653	35.14	ng	93
48) Acenaphthylene	10.34	152	461650	37.55	ng	99
49) Dimethylphthalate	10.17	163	334309	40.16	ng	99
50) 2,6-Dinitrotoluene	10.24	165	57270	39.66	ng	90
51) Acenaphthene	10.51	154	267194	37.16	ng	97
52) 3-Nitroaniline	10.41	138	41249	23.22	ng	88
53) 2,4-Dinitrophenol	10.51	184	22823	60.90	ng	# 30
54) Dibenzofuran	10.68	168	396008	39.32	ng	95
55) 4-Nitrophenol	10.55	139	92205	71.42	ng	91
56) 2,4-Dinitrotoluene	10.65	165	64534	33.82	ng	89
57) Fluorene	11.04	166	317220	35.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.80	232	75587	43.94	ng	93
59) Diethylphthalate	10.88	149	332120	40.75	ng	98
60) 4-Chlorophenyl-phenylether	11.02	204	156102	40.46	ng	88
61) 4-Nitroaniline	11.03	138	63886	36.66	ng	93
62) Azobenzene	11.18	77	320661	39.95	ng	94
64) 4,6-Dinitro-2-methylphenol	11.06	198	17860	30.18	ng	85
65) n-Nitrosodiphenylamine	11.13	169	285772	41.31	ng	98
66) 4-Bromophenyl-phenylether	11.52	248	89646	37.19	ng	91
67) Hexachlorobenzene	11.60	284	101766	40.23	ng	# 93
68) Atrazine	11.65	200	78891	40.16	ng	97
69) Pentachlorophenol	11.78	266	79263	72.21	ng	98
70) Phenanthrene	12.02	178	485684	39.00	ng	99
71) Anthracene	12.07	178	484857	39.76	ng	99
72) Carbazole	12.22	167	424355	37.59	ng	# 97
73) Di-n-butylphthalate	12.55	149	496792	42.41	ng	# 98
74) Fluoranthene	13.30	202	500714	38.33	ng	96
76) Benzidine	13.42	184	254131	37.32	ng	99
77) Pyrene	13.57	202	525459	36.92	ng	99
79) Butylbenzylphthalate	14.29	149	191760	40.21	ng	# 86
80) Benzo(a)anthracene	15.03	228	510153	37.56	ng	100
81) 3,3'-Dichlorobenzidine	14.97	252	91809	21.65	ng	# 99
82) Chrysene	15.07	228	477852	37.50	ng	98
83) Bis(2-ethylhexyl)phthalate	15.01	149	305825	41.50	ng	# 91
84) Di-n-octyl phthalate	15.85	149	485804	42.45	ng	96
85) Indeno(1,2,3-cd)pyrene	18.94	276	500062	37.15	ng	98
87) Benzo(b)fluoranthene	16.43	252	468407m	38.29	ng	
88) Benzo(k)fluoranthene	16.48	252	493655	38.60	ng	98
89) Benzo(a)pyrene	16.91	252	466621	40.36	ng	99
90) Dibenzo(a,h)anthracene	18.96	278	413390	38.60	ng	# 93
91) Benzo(g,h,i)perylene	19.52	276	426819	37.76	ng	97

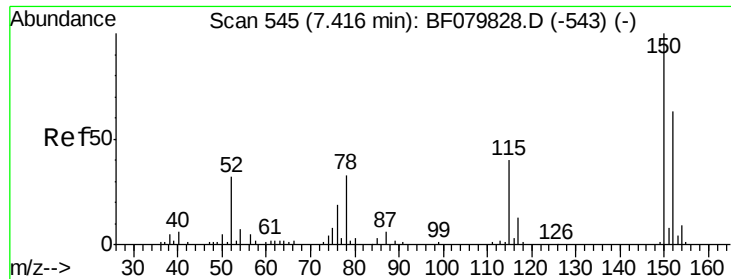
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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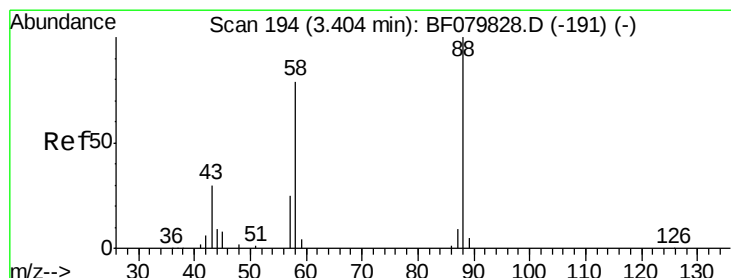
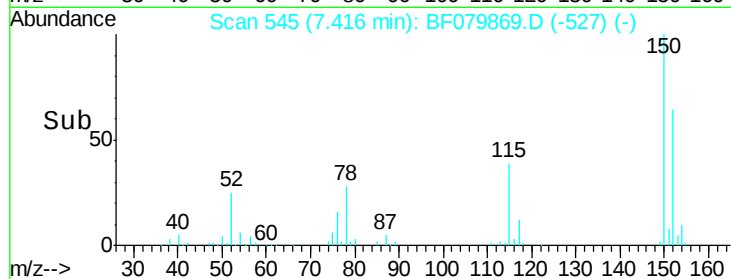
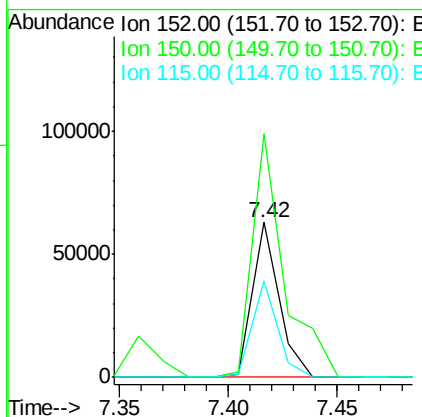
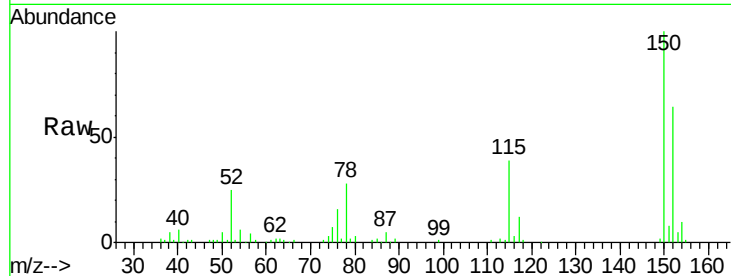




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

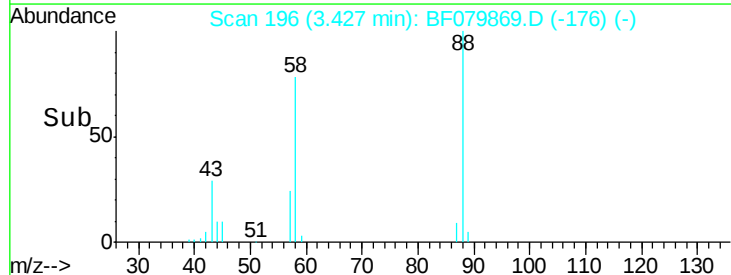
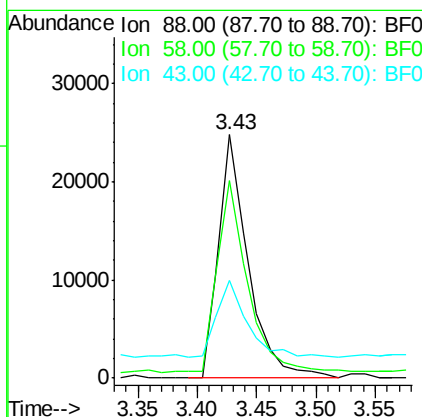
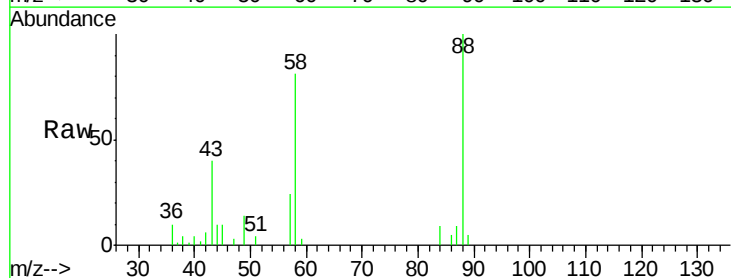
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

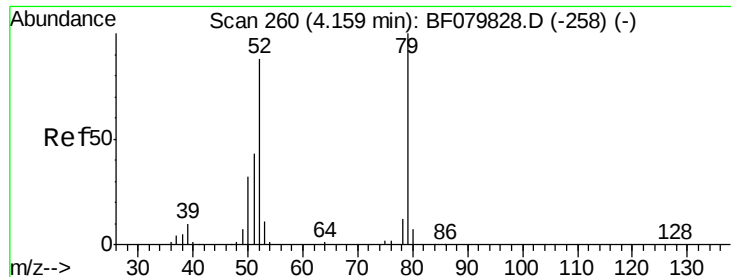
Tgt Ion:152 Resp: 53614
 Ion Ratio Lower Upper
 152 100
 150 157.0 131.4 197.2
 115 61.8 56.5 84.7



#2
 1,4-Dioxane
 Concen: 28.84 ng
 RT: 3.43 min Scan# 196
 Delta R.T. 0.02 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion: 88 Resp: 42887
 Ion Ratio Lower Upper
 88 100
 58 79.3 58.1 87.1
 43 33.6 22.2 33.2#





#3

Pyridine

Concen: 31.81 ng

RT: 4.18 min Scan# 262

Delta R.T. 0.02 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

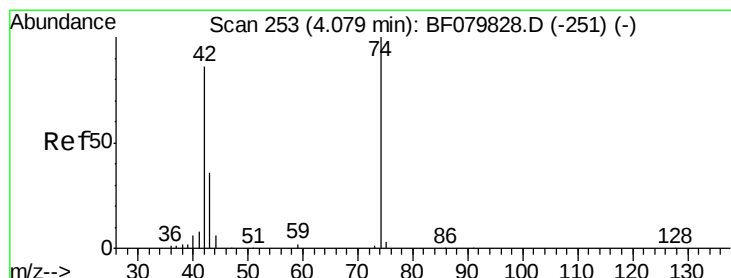
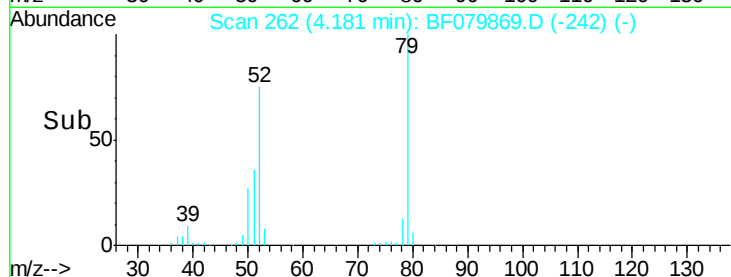
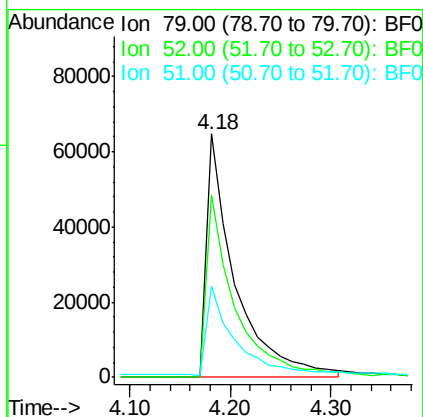
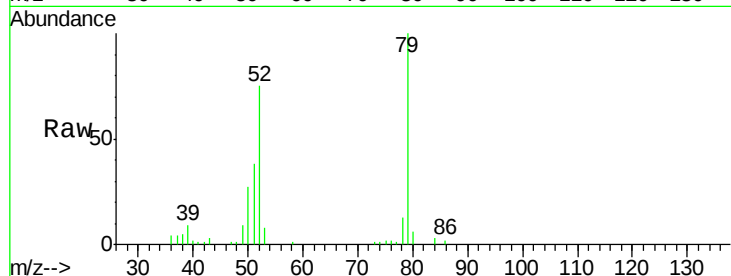
Tgt Ion: 79 Resp: 127027

Ion Ratio Lower Upper

79 100

52 75.0 62.3 93.5

51 37.7 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 35.33 ng

RT: 4.09 min Scan# 254

Delta R.T. 0.01 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

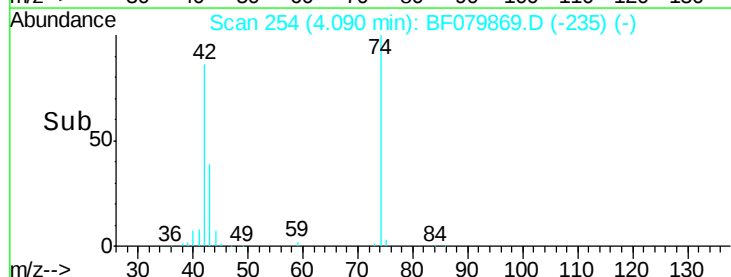
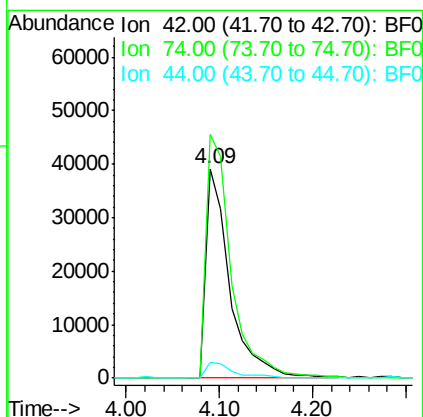
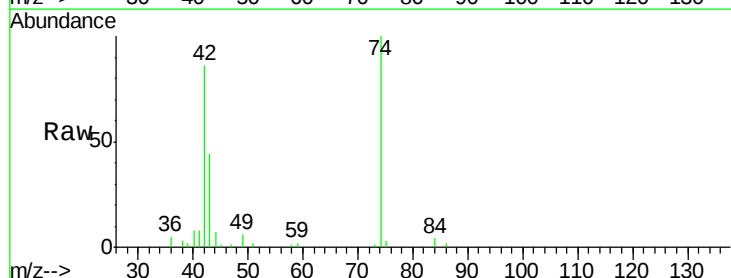
Tgt Ion: 42 Resp: 70655

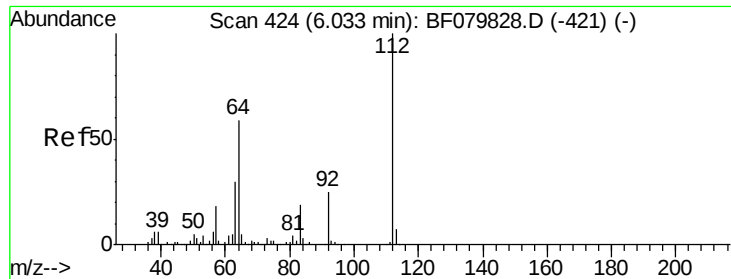
Ion Ratio Lower Upper

42 100

74 116.3 105.8 158.6

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 116.74 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

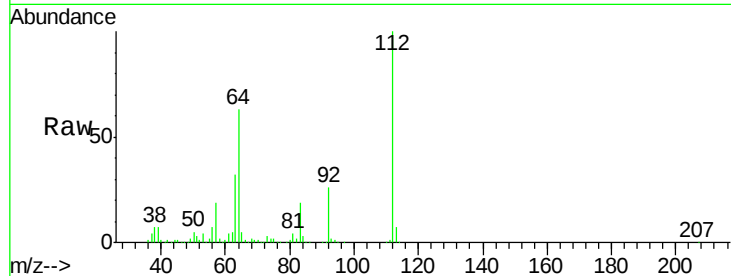
Tgt Ion:112 Resp: 379769

Ion Ratio Lower Upper

112 100

64 62.6 44.2 66.4

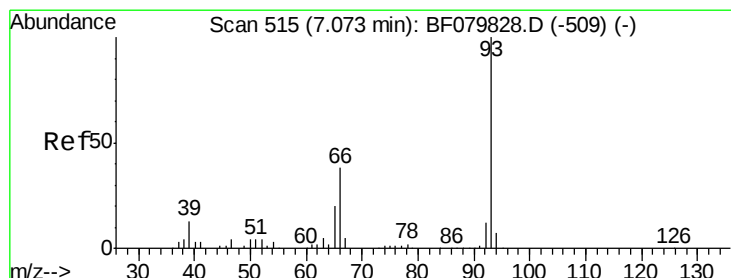
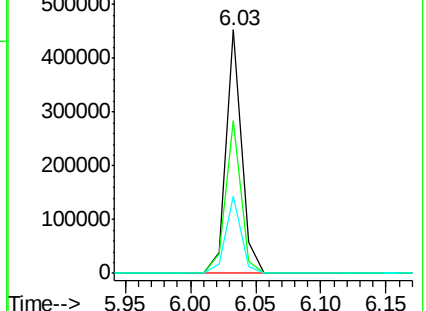
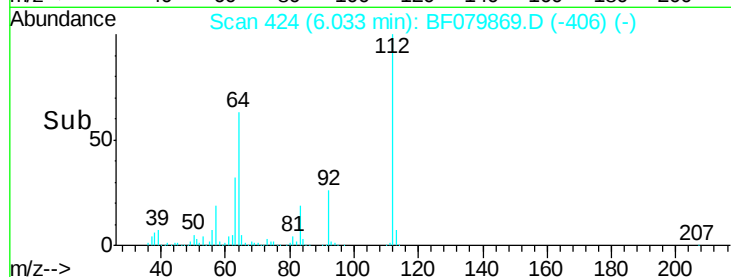
63 31.9 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.39 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

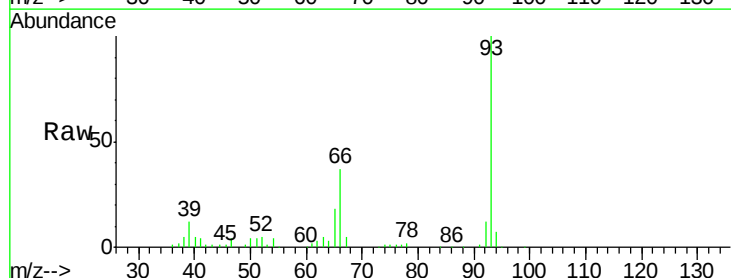
Tgt Ion: 93 Resp: 129668

Ion Ratio Lower Upper

93 100

66 36.8 30.6 46.0

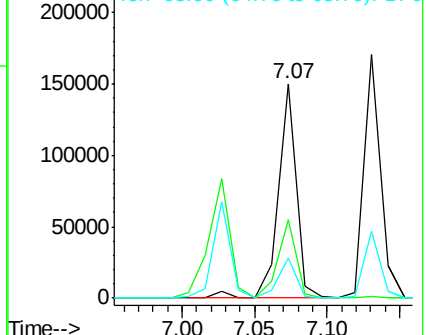
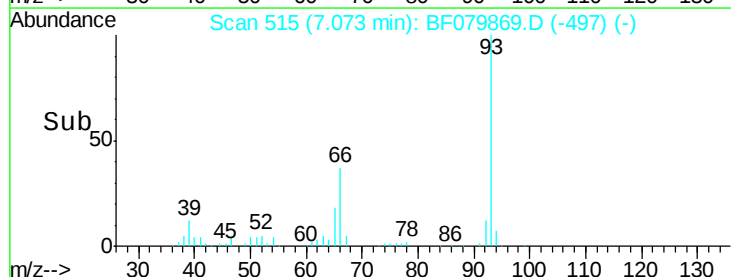
65 18.4 15.9 23.9

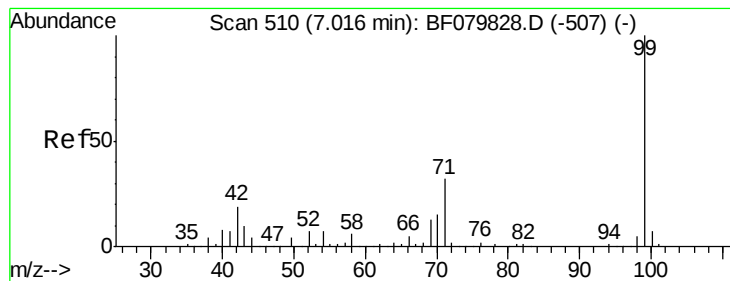


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.83 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

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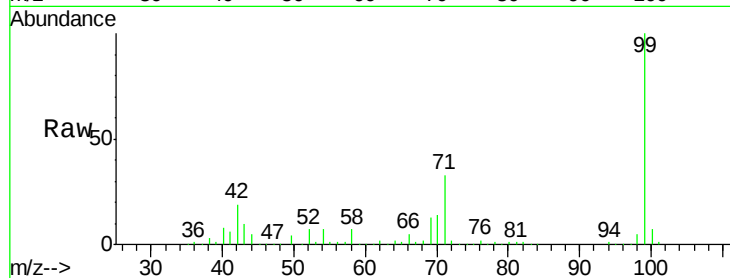
Tgt Ion: 99 Resp: 504399

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

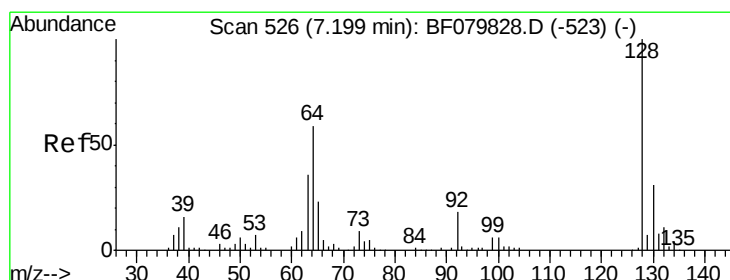
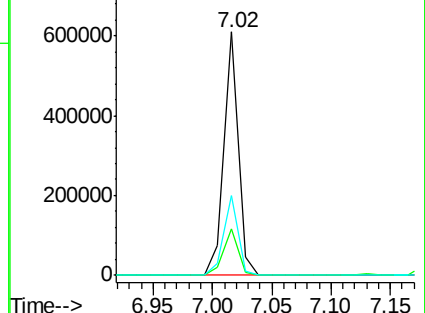
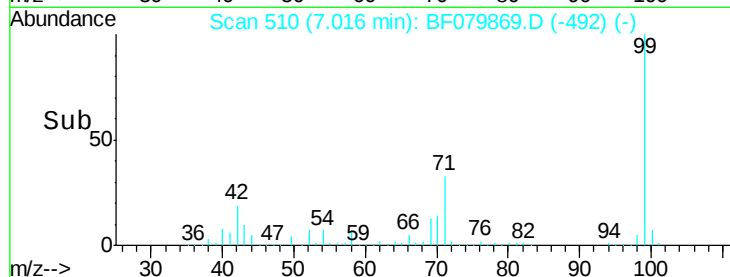
71 32.6 25.1 37.7



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: 37.79 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079869.D

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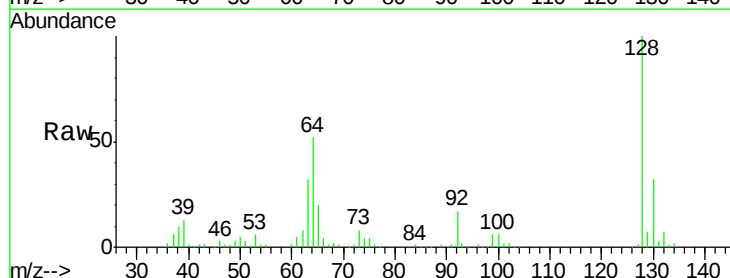
Tgt Ion: 128 Resp: 138611

Ion Ratio Lower Upper

128 100

130 31.7 11.4 51.4

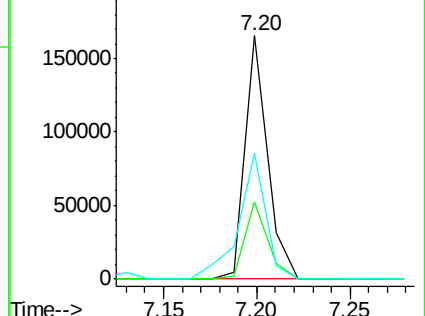
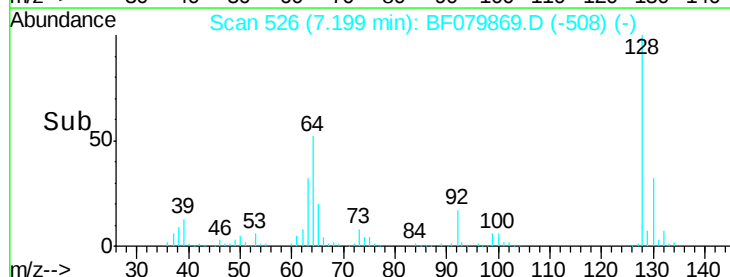
64 51.7 43.6 83.6

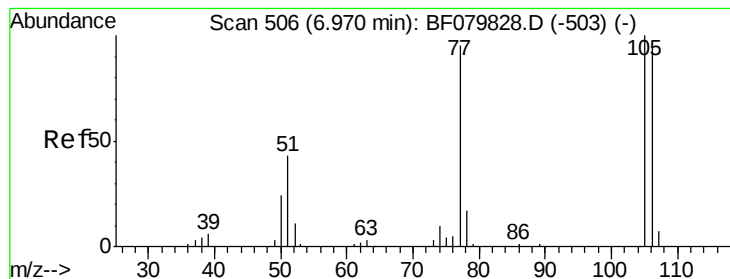


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.09 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.01 min

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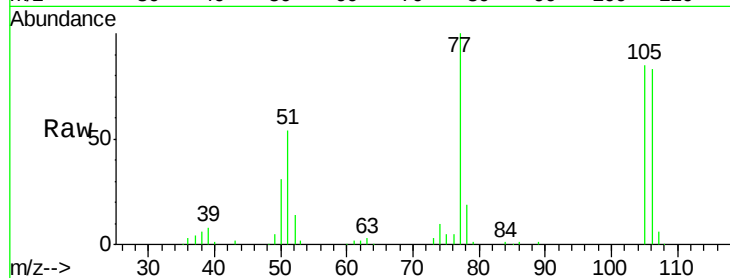
Tgt Ion: 77 Resp: 91591

Ion Ratio Lower Upper

77 100

105 85.1 83.9 123.9

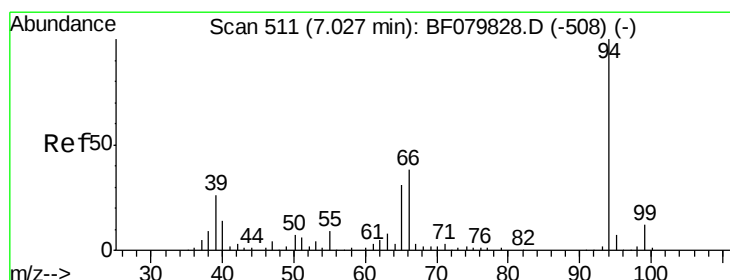
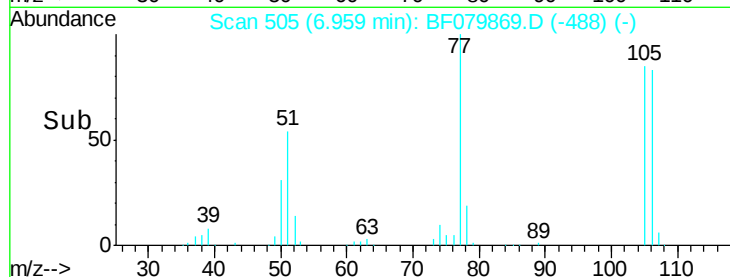
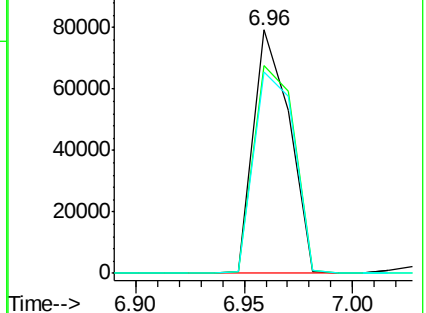
106 82.6 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.28 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

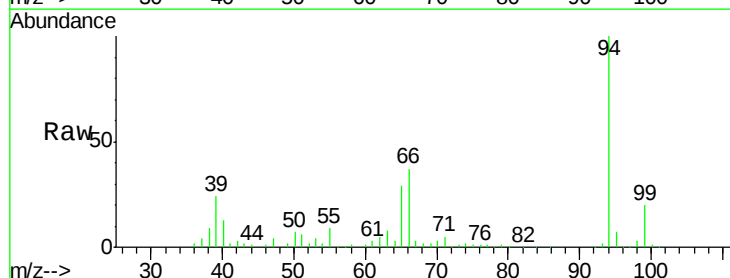
Tgt Ion: 94 Resp: 180659

Ion Ratio Lower Upper

94 100

65 29.4 8.8 48.8

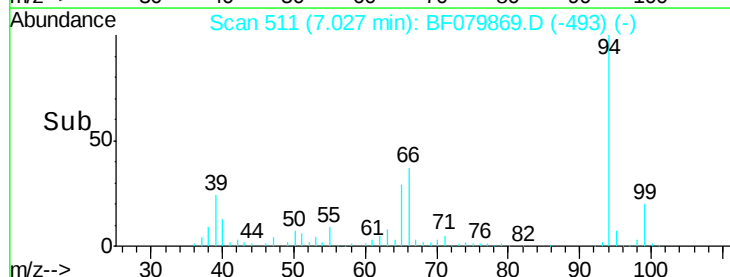
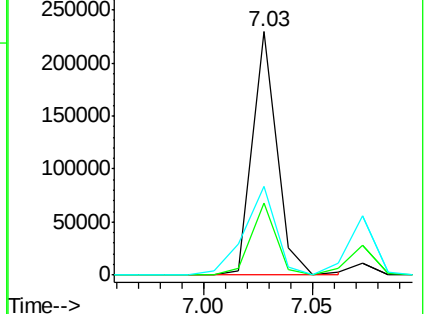
66 36.6 16.7 56.7

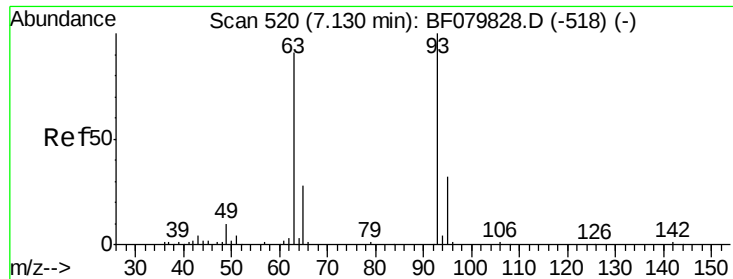


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

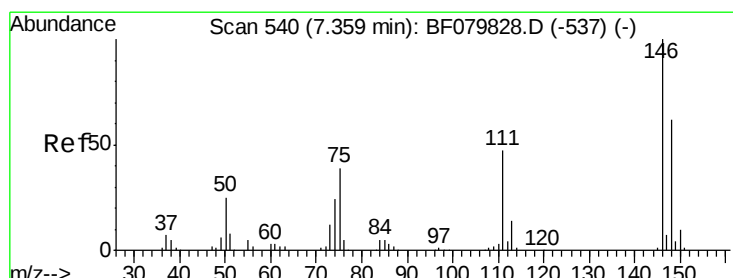
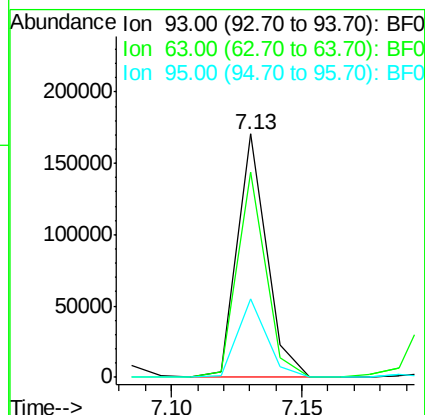
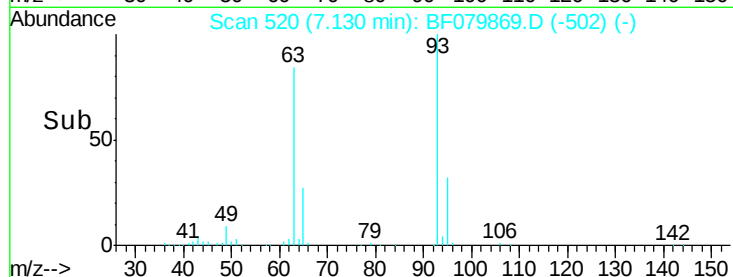
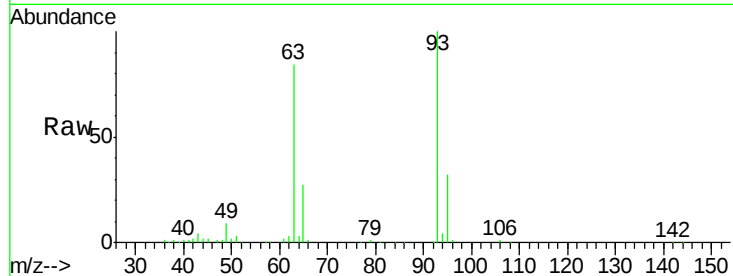




#11
bis(2-Chloroethyl)ether
Concen: 38.59 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

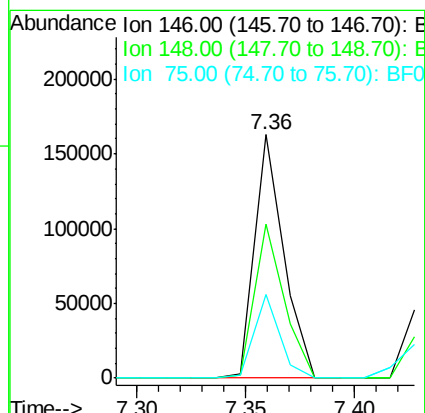
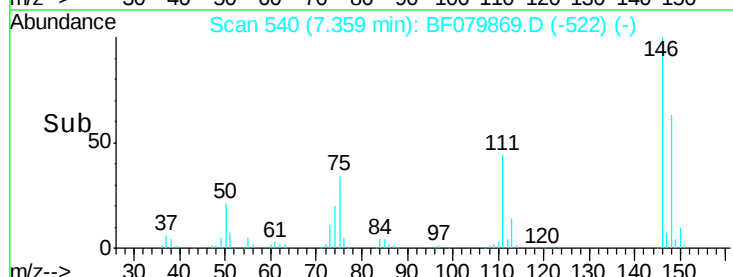
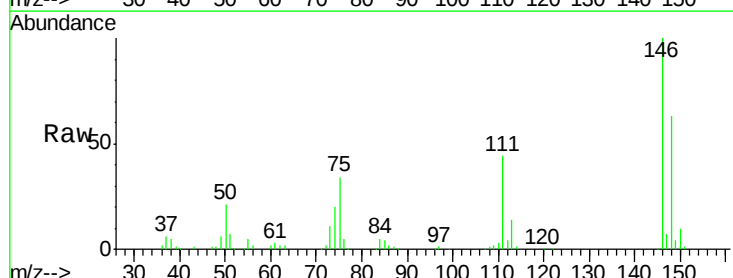
Instrument :
BNA_F
ClientSampleId :
PB83890BS

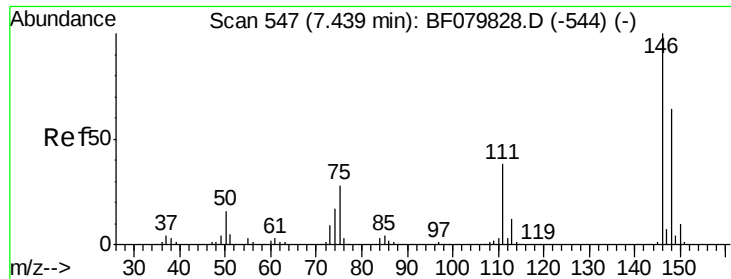
Tgt Ion: 93 Resp: 135140
Ion Ratio Lower Upper
93 100
63 84.2 68.6 108.6
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 36.01 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion: 146 Resp: 151337
Ion Ratio Lower Upper
146 100
148 63.4 48.9 73.3
75 34.1 31.3 46.9

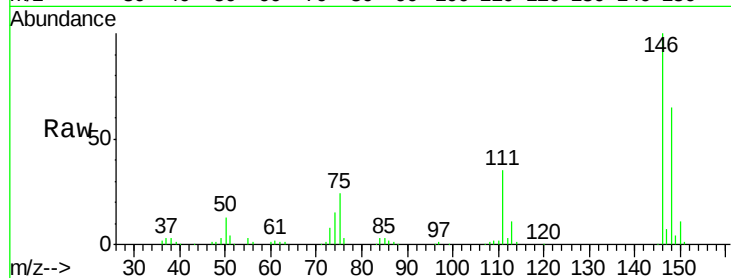




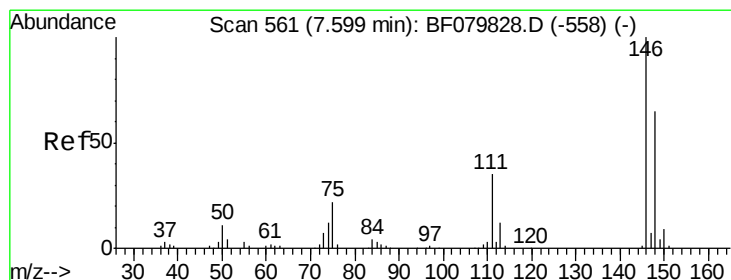
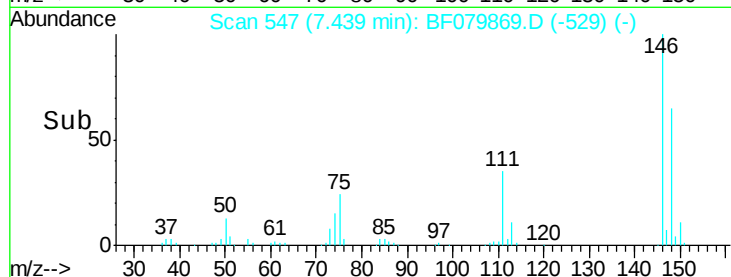
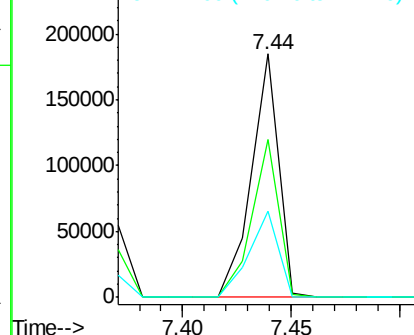
#13
 1,4-Dichlorobenzene
 Concen: 33.67 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:146 Resp: 160372
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 35.4 30.8 46.2

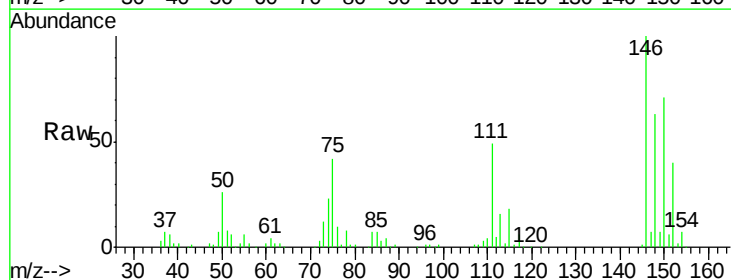


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

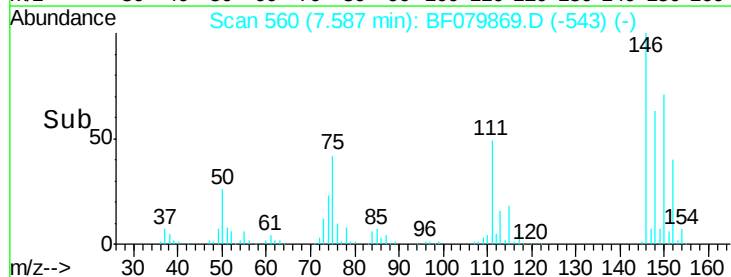
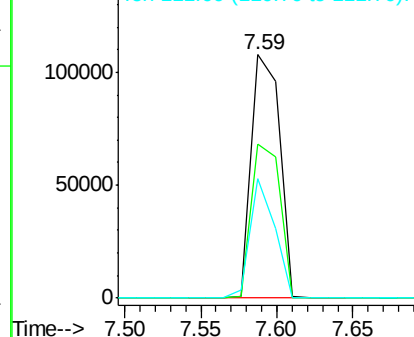


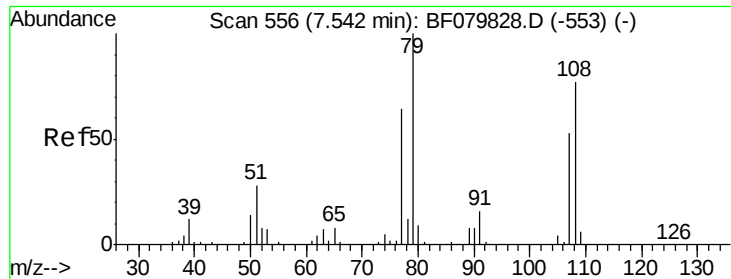
#14
 1,2-Dichlorobenzene
 Concen: 34.01 ng m
 RT: 7.59 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:146 Resp: 140666
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 48.8 29.3 43.9#



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: 36.37 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

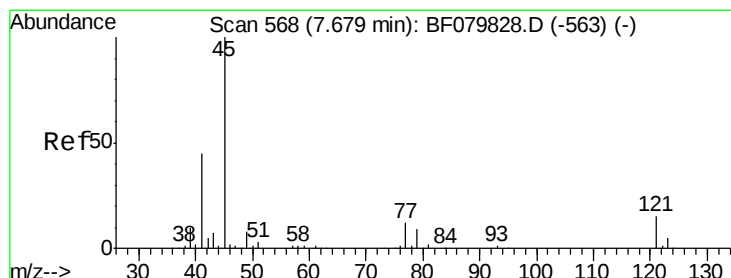
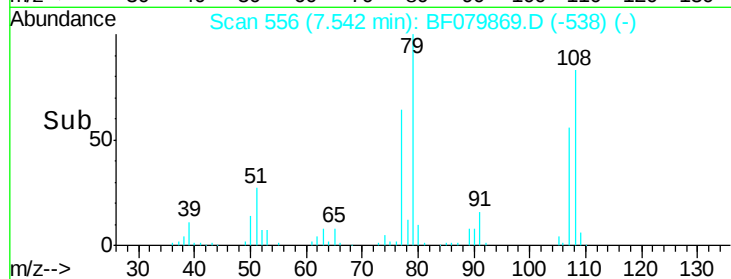
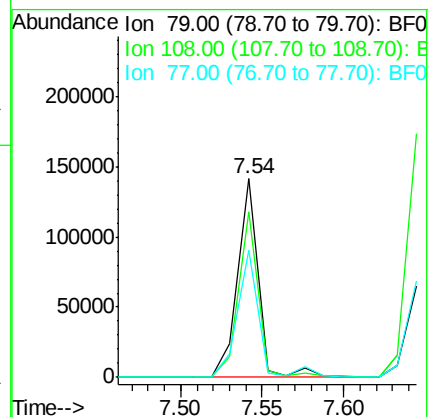
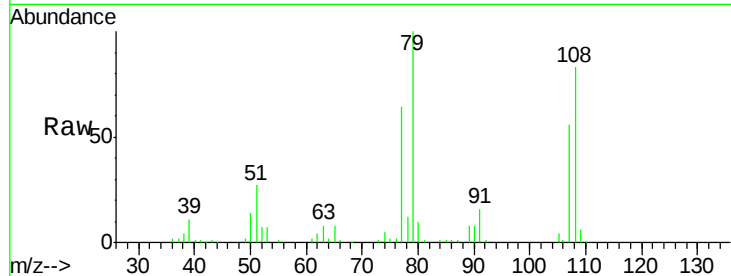
Tgt Ion: 79 Resp: 123450

Ion Ratio Lower Upper

79 100

108 83.0 60.6 91.0

77 63.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.73 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

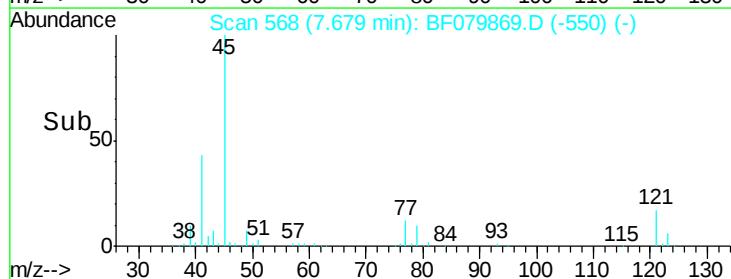
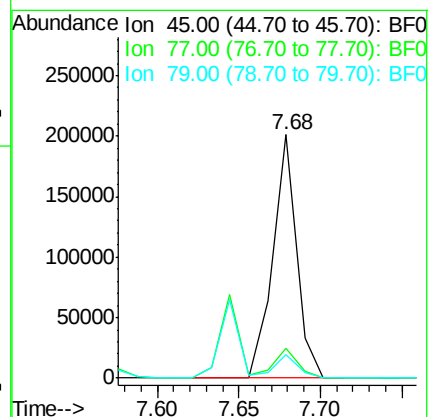
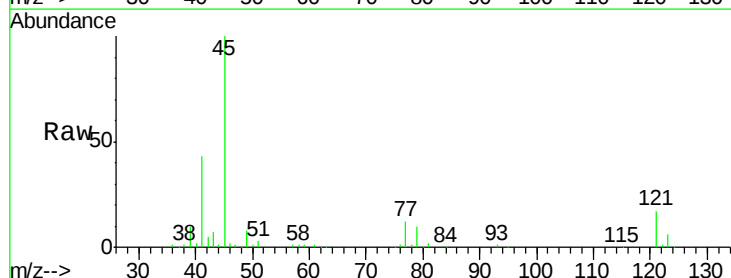
Tgt Ion: 45 Resp: 204766

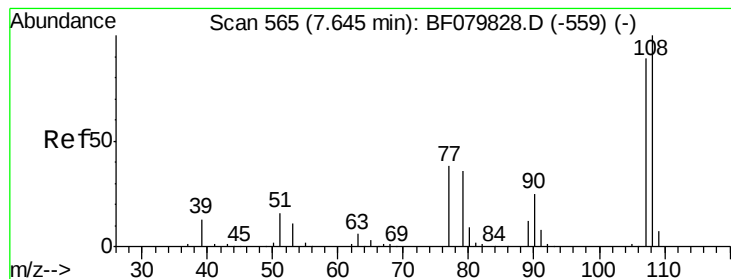
Ion Ratio Lower Upper

45 100

77 12.4 0.0 33.6

79 9.5 0.0 30.2





#17

2-Methylphenol

Concen: 37.93 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

Tgt Ion:107 Resp: 119699

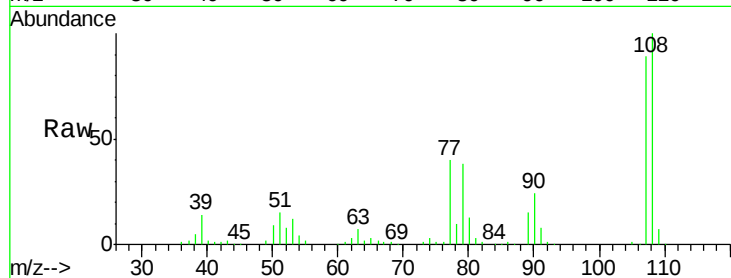
Ion Ratio Lower Upper

107 100

108 112.8 89.3 133.9

77 44.7 38.1 57.1

79 42.3 35.3 52.9

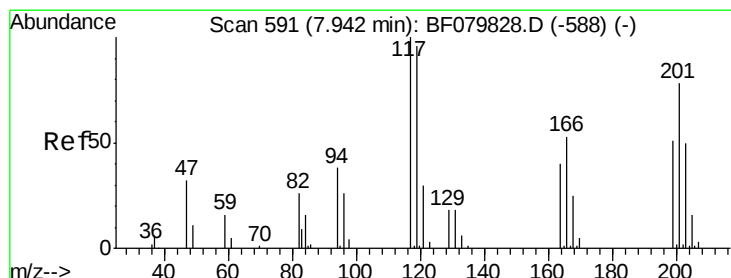
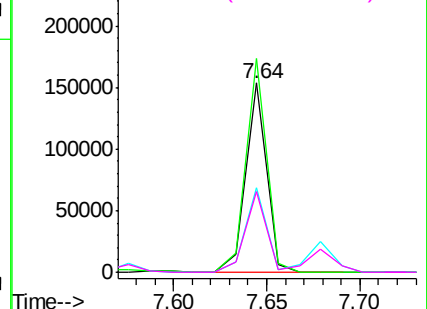
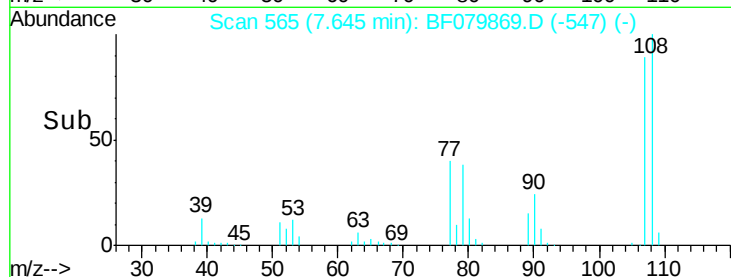


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.68 ng

RT: 7.94 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

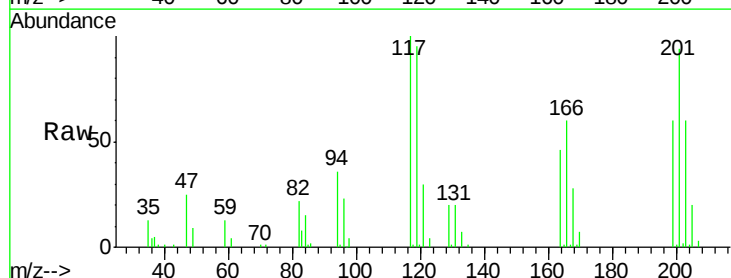
Tgt Ion:117 Resp: 52784

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

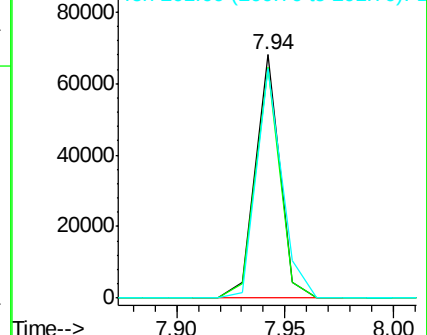
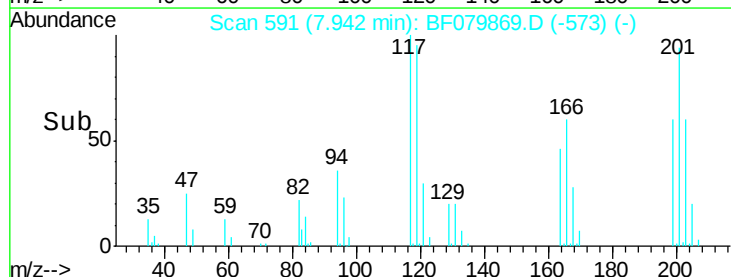
201 94.3 66.3 99.5

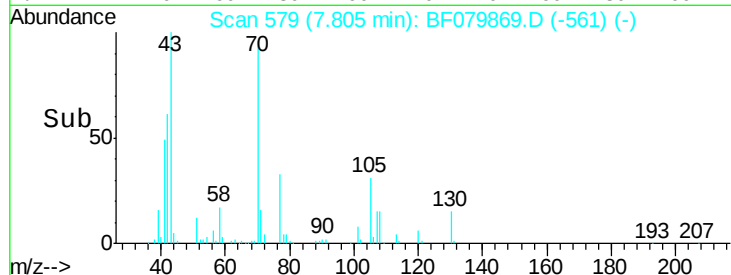
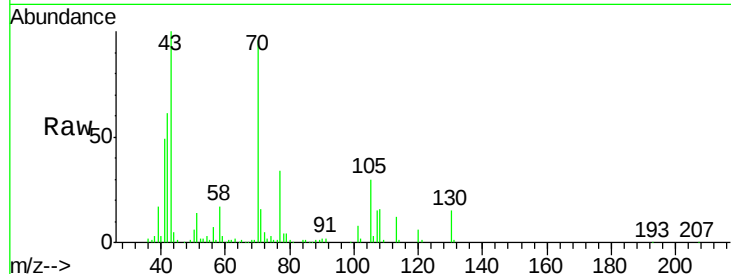
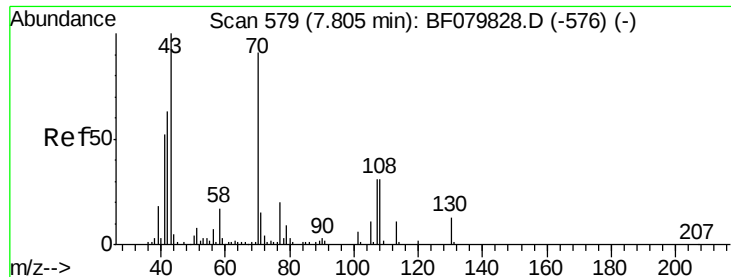


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

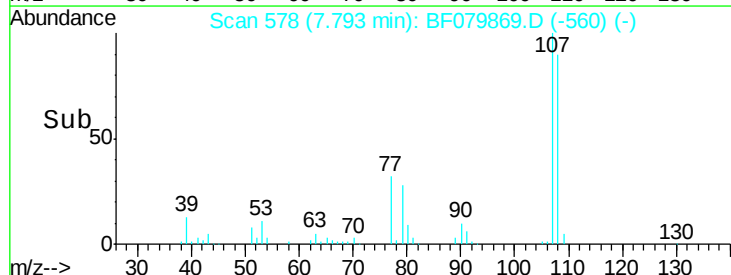
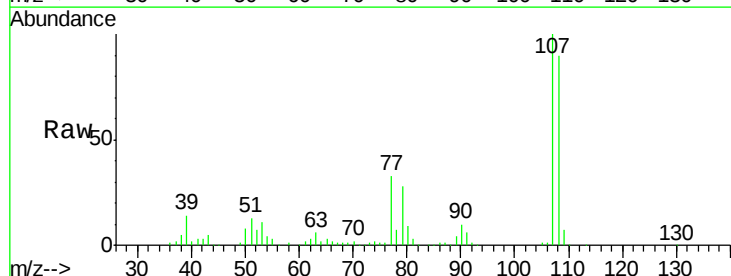
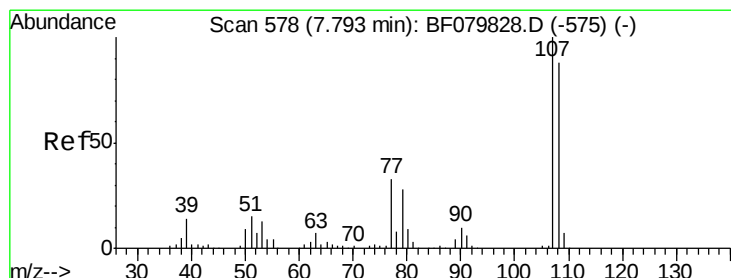
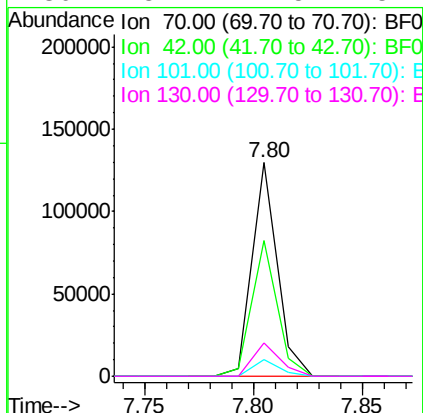




#19
n-Nitroso-di-n-propylamine
Concen: 35.53 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

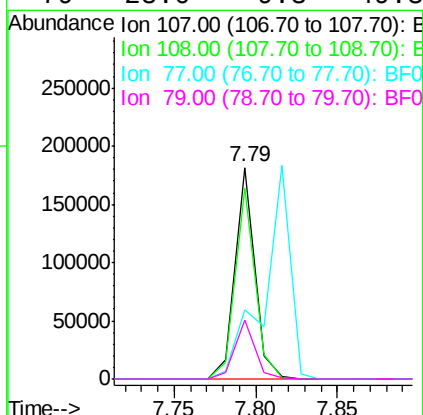
Instrument :
BNA_F
ClientSampleId :
PB83890BS

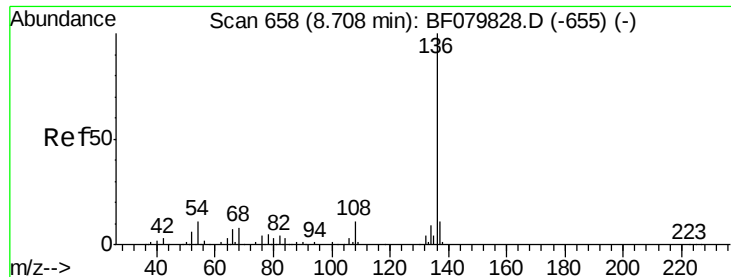
Tgt Ion:	70	Resp:	104198
Ion	Ratio	Lower	Upper
70	100		
42	63.3	49.3	73.9
101	8.1	6.6	9.8
130	15.7	12.5	18.7



#20
3+4-Methylphenols
Concen: 37.12 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:	107	Resp:	151344
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.4	108.4
77	32.7	13.6	53.6
79	28.0	9.3	49.3

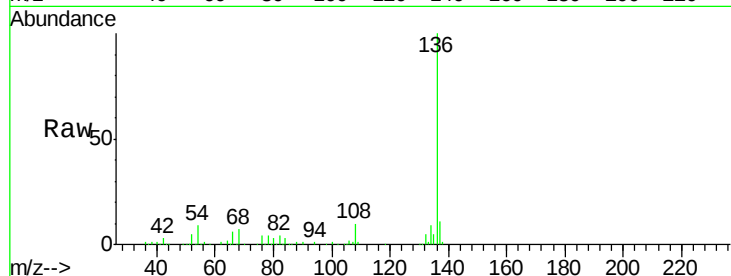




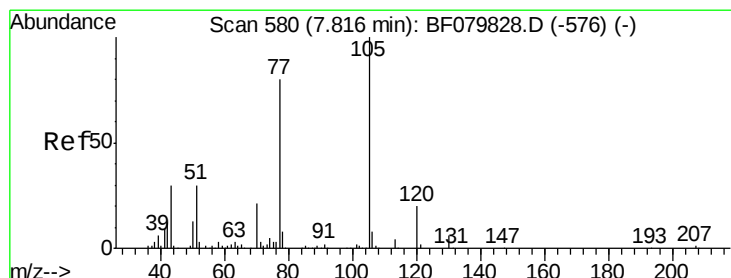
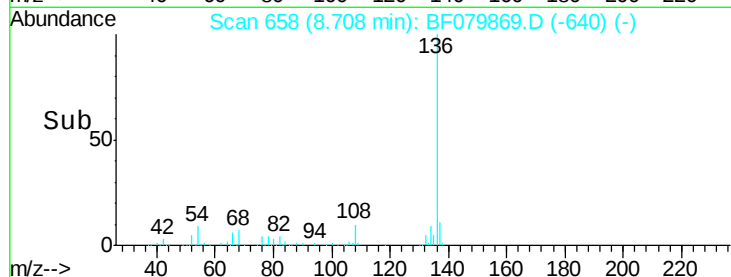
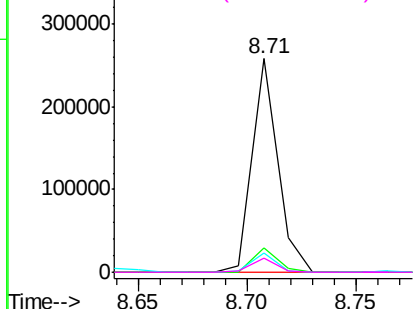
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83890BS

Tgt Ion:	136	Resp:	211191
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.3	13.9
54	9.1	8.1	12.1
68	6.8	4.8	7.2

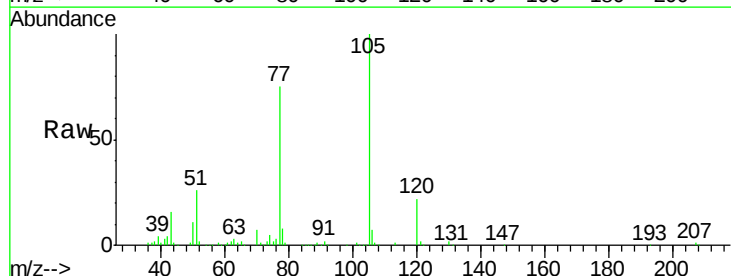


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

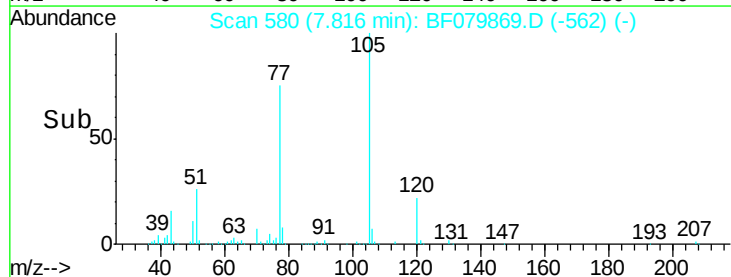
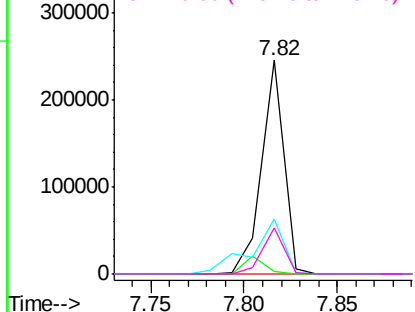


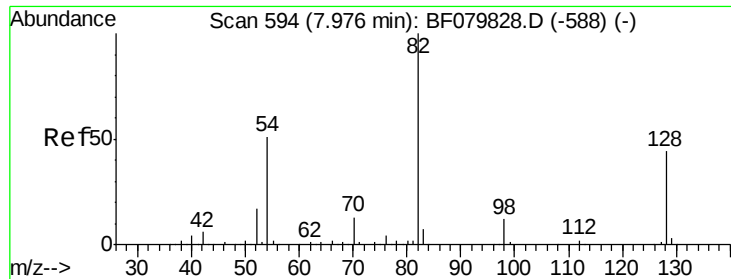
#22
Acetophenone
Concen: 38.61 ng
RT: 7.82 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:	105	Resp:	202287
Ion Ratio	Lower	Upper	
105	100		
71	1.2	1.5	2.3#
51	25.8	22.3	33.5
120	21.8	16.8	25.2



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

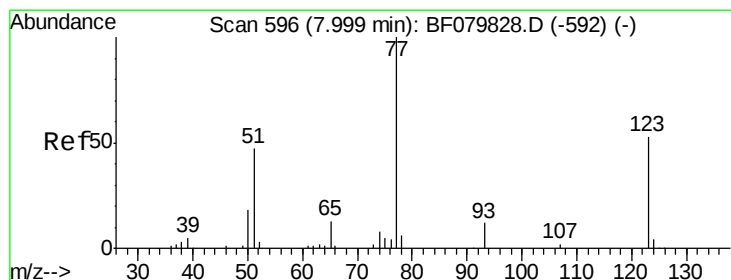
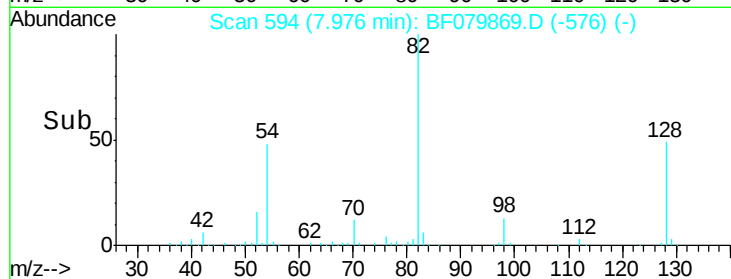
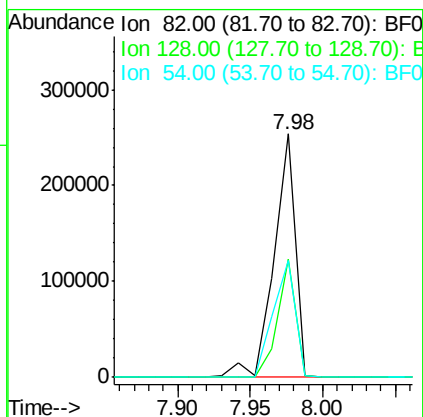
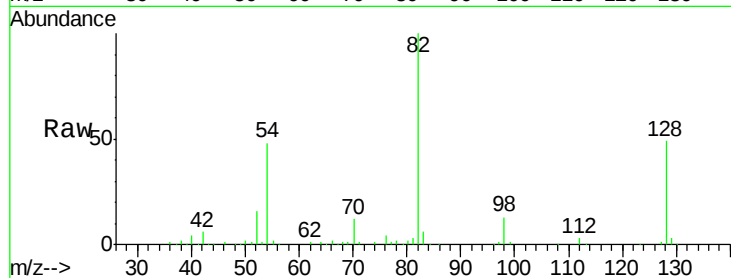




#23
 Nitrobenzene-d5
 Concen: 70.74 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

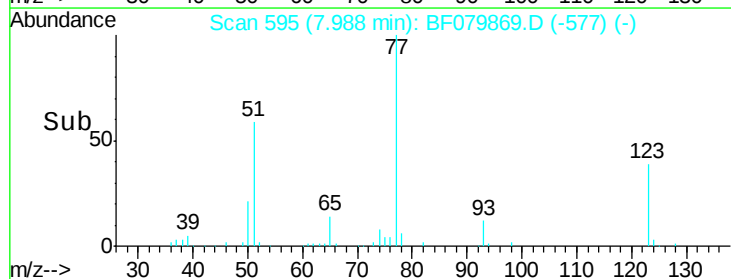
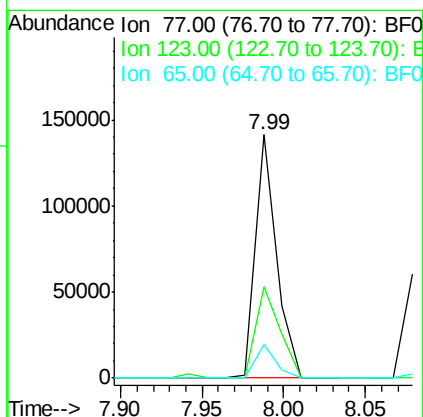
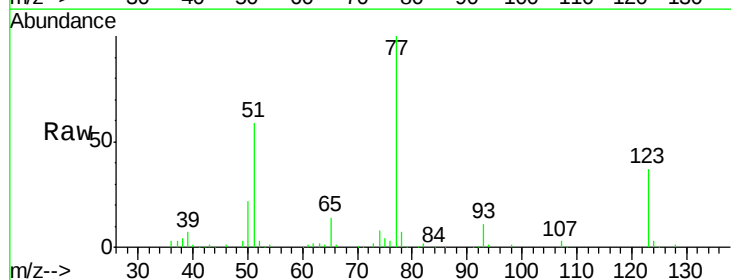
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

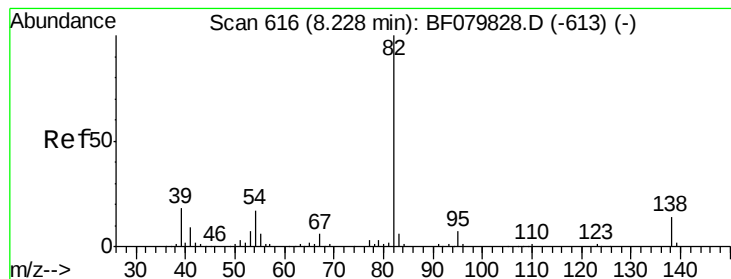
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.2	52.8
54	47.9	39.2	58.8



#24
 Nitrobenzene
 Concen: 34.76 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	26.0	39.0
65	13.9	12.0	18.0





#25

Isophorone

Concen: 36.82 ng

RT: 8.23 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

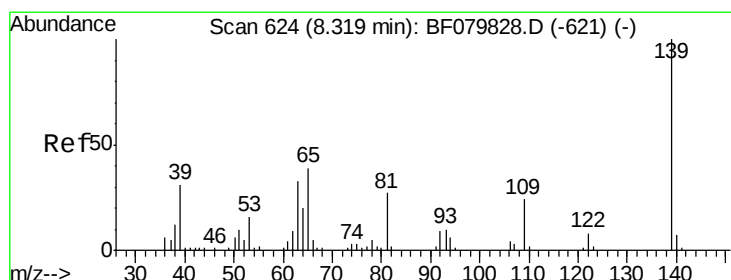
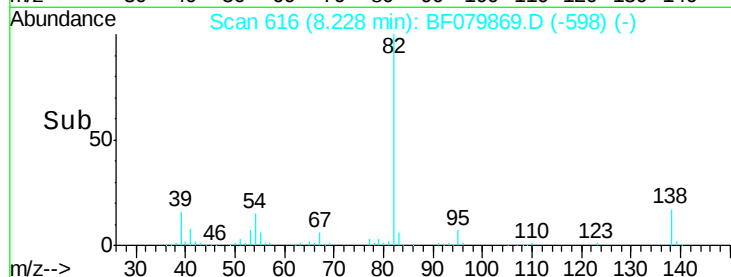
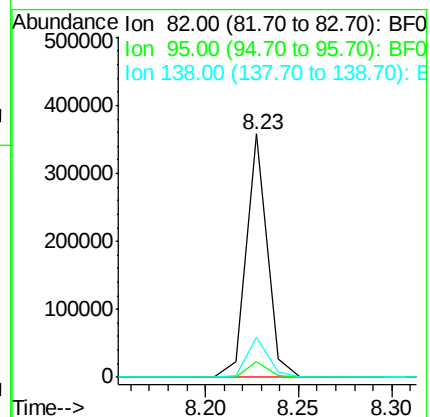
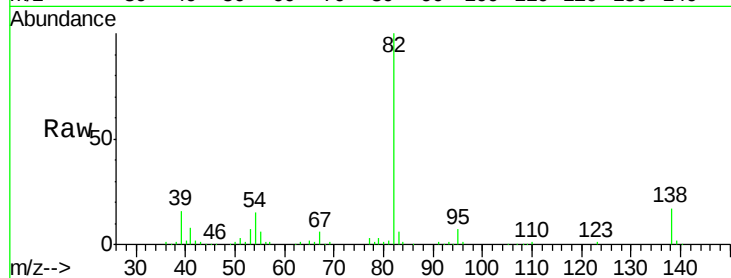
Tgt Ion: 82 Resp: 280623

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 16.6 12.2 18.4



#26

2-Nitrophenol

Concen: 26.97 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

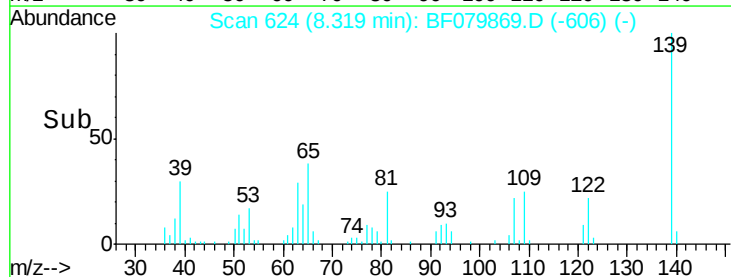
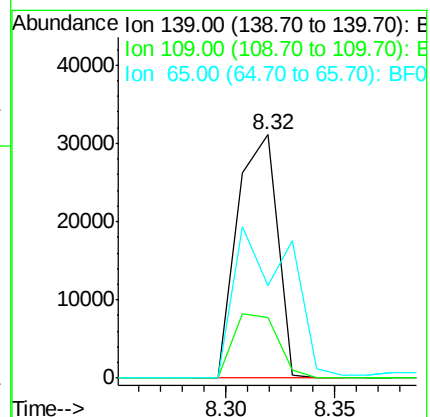
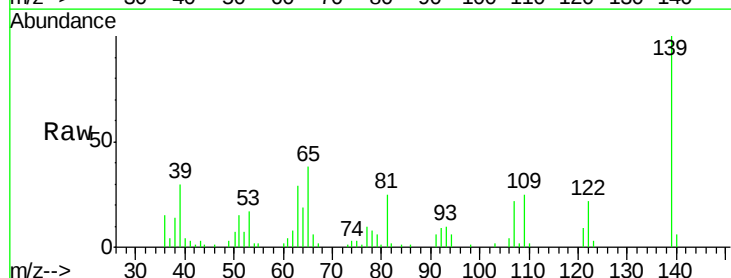
Tgt Ion: 139 Resp: 39571

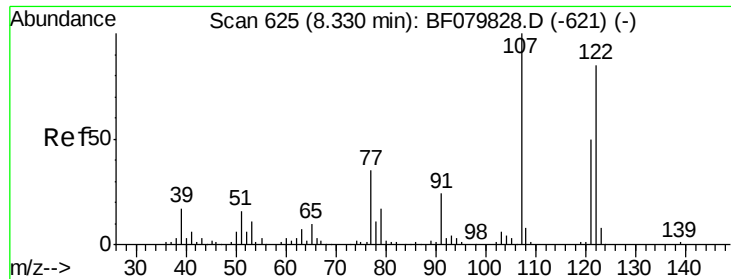
Ion Ratio Lower Upper

139 100

109 24.9 21.5 32.3

65 37.9 31.1 46.7





#27

2,4-Dimethylphenol

Concen: 39.42 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

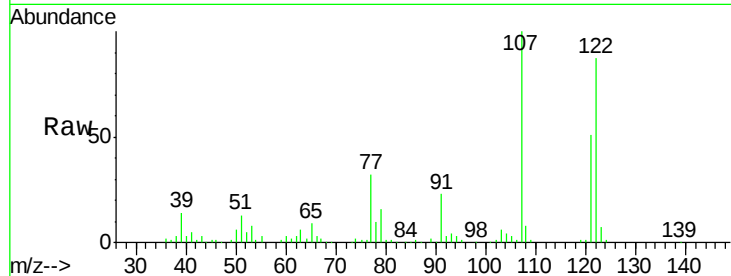
Tgt Ion:122 Resp: 135617

Ion Ratio Lower Upper

122 100

107 114.3 95.3 142.9

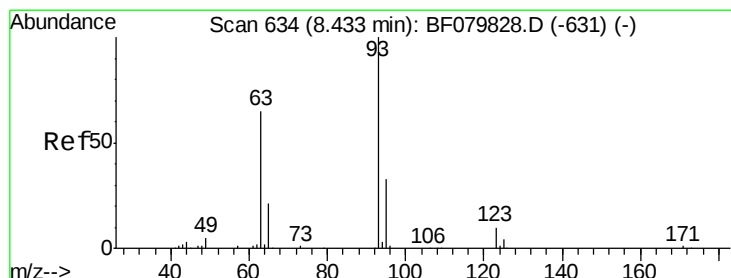
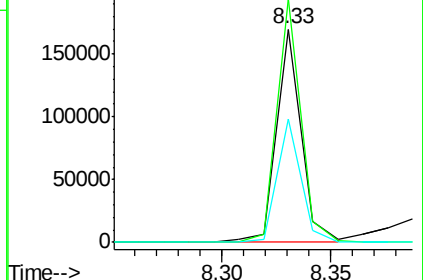
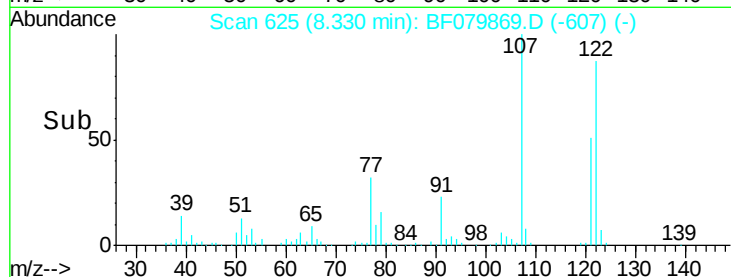
121 57.8 46.4 69.6



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: 35.40 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

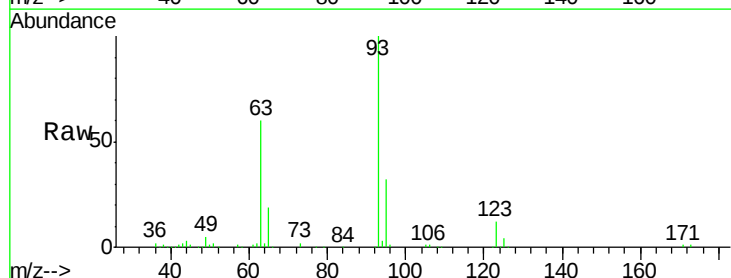
Tgt Ion: 93 Resp: 163396

Ion Ratio Lower Upper

93 100

95 32.1 26.6 39.8

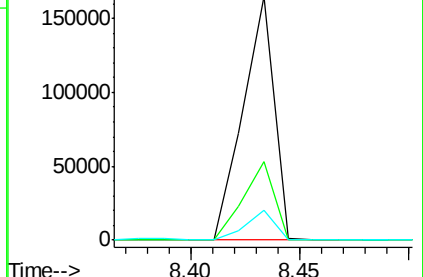
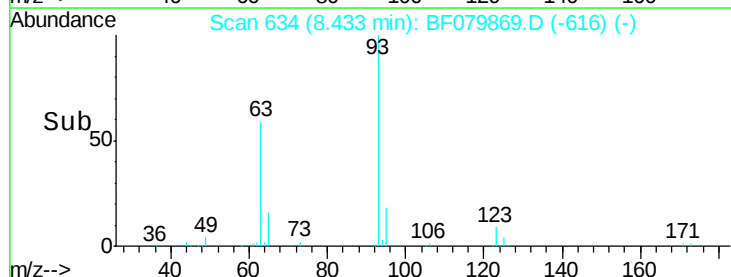
123 12.1 9.0 13.6

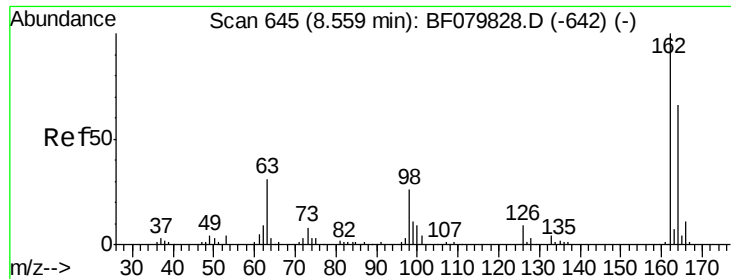


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

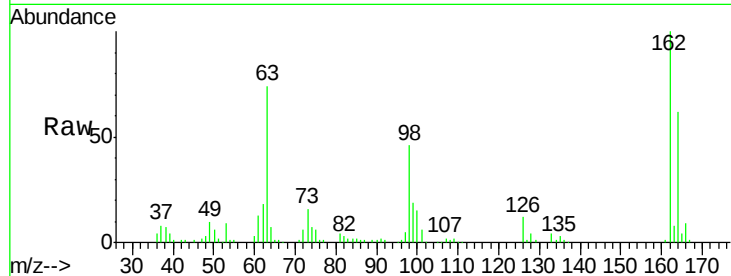




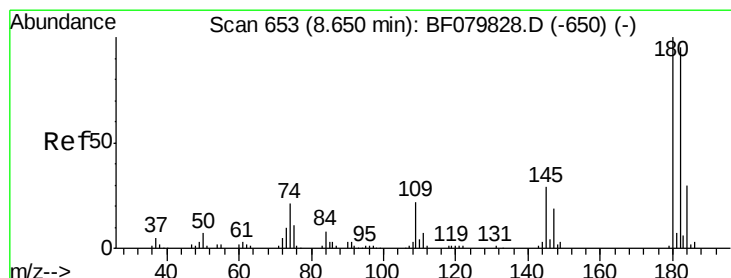
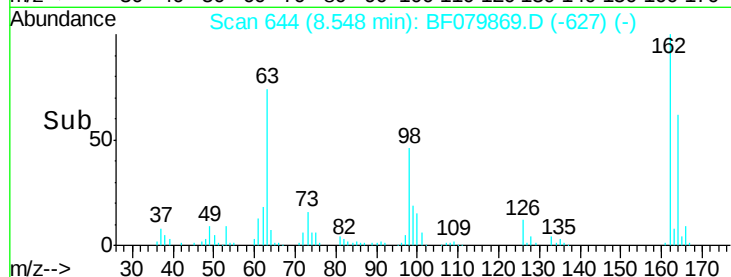
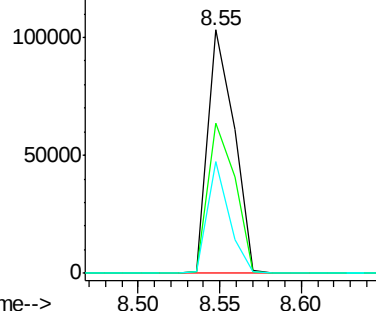
#29
 2,4-Dichlorophenol
 Concen: 38.92 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	48.7	88.7
98	45.8	4.6	44.6

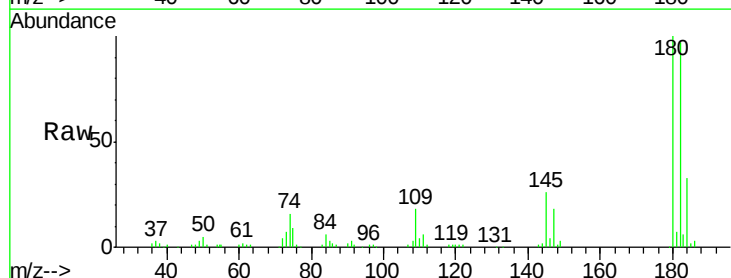


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

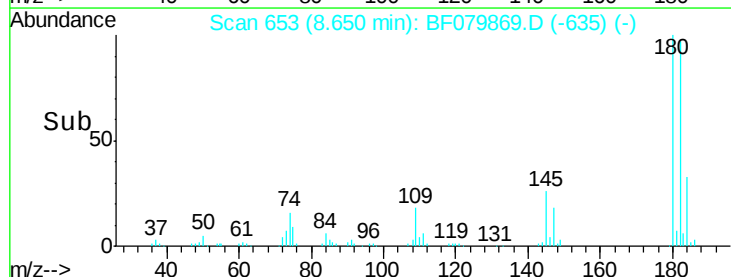
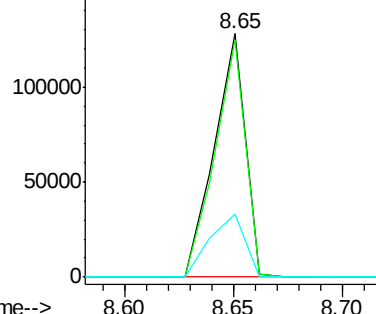


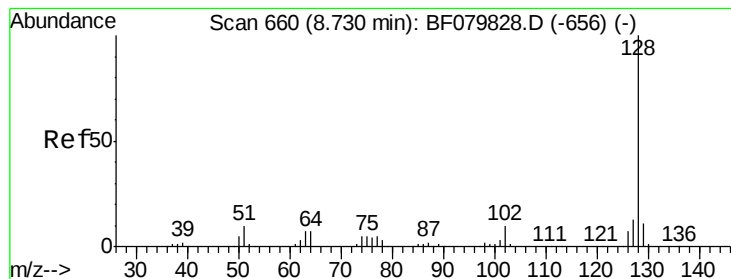
#30
 1,2,4-Trichlorobenzene
 Concen: 33.36 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.0	114.0
145	26.1	23.7	35.5



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: 37.69 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

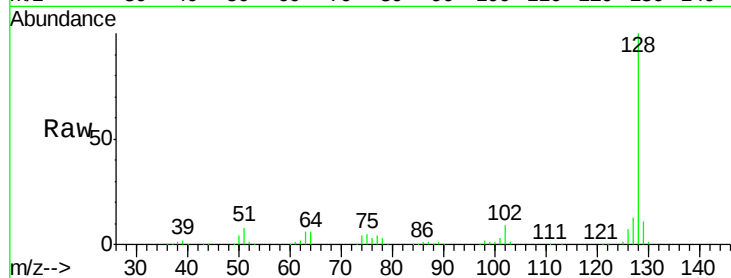
Tgt Ion:128 Resp: 423844

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

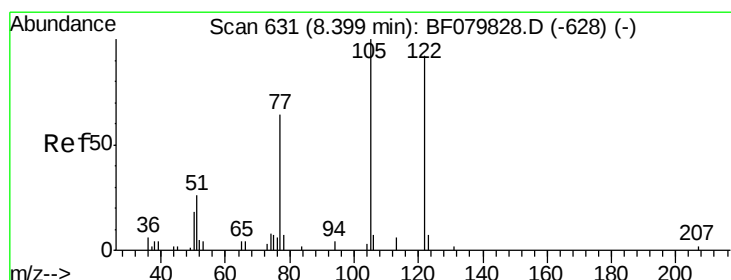
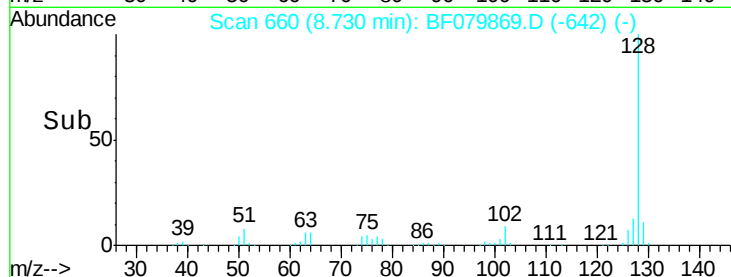
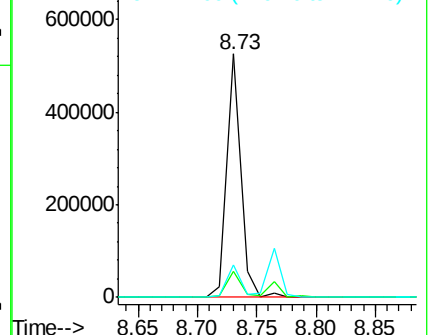
127 13.1 10.6 16.0



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: 31.20 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

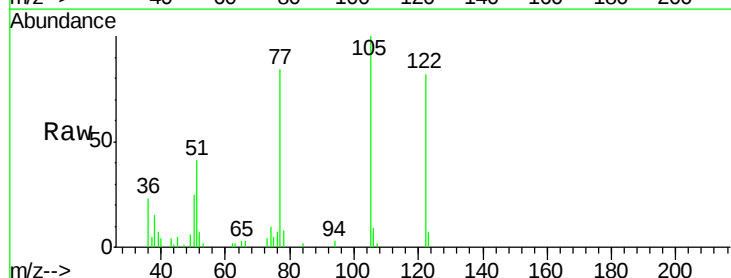
Tgt Ion:122 Resp: 32521

Ion Ratio Lower Upper

122 100

105 121.8 106.2 146.2

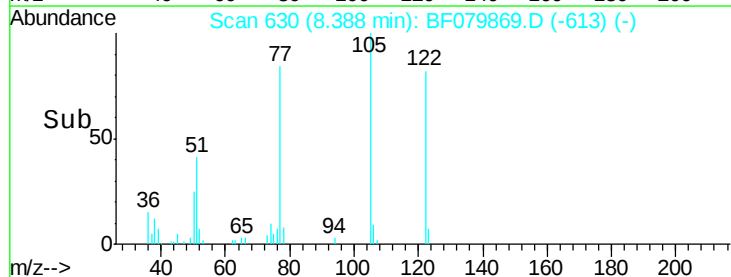
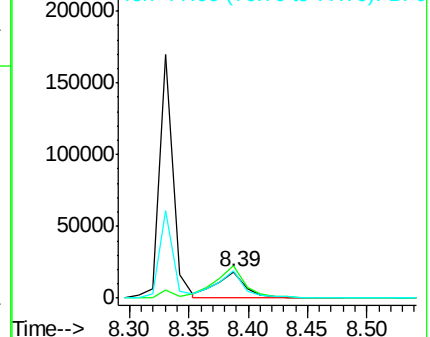
77 101.9 81.6 121.6

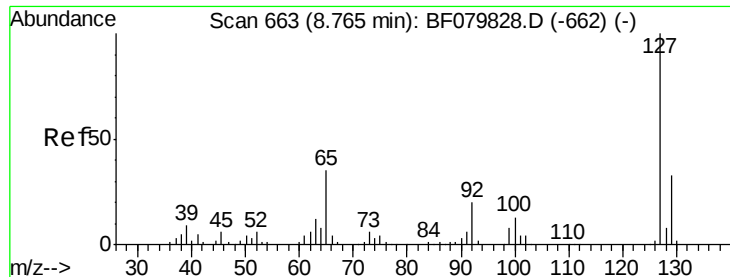


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

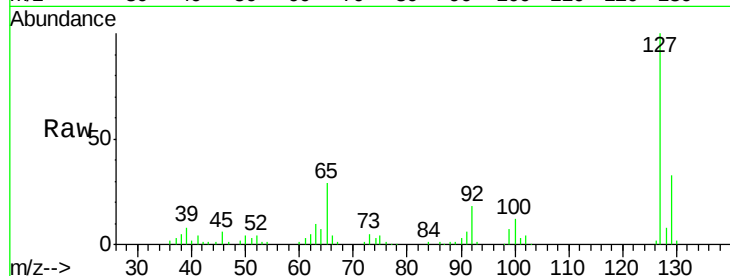




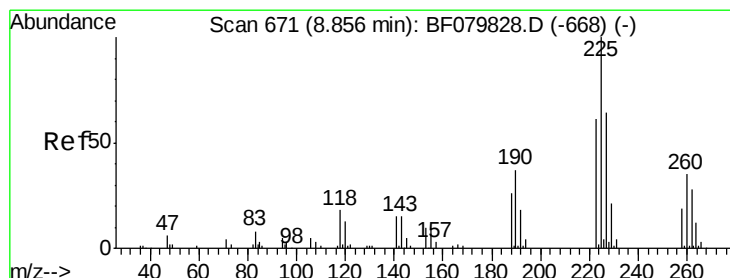
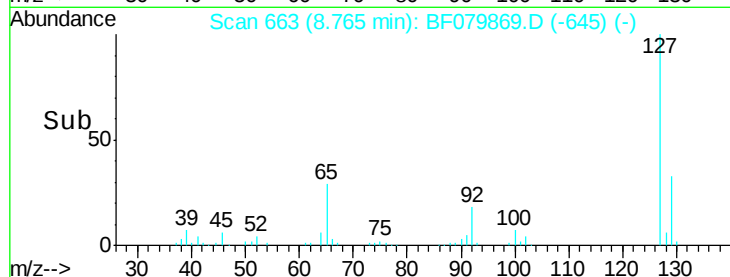
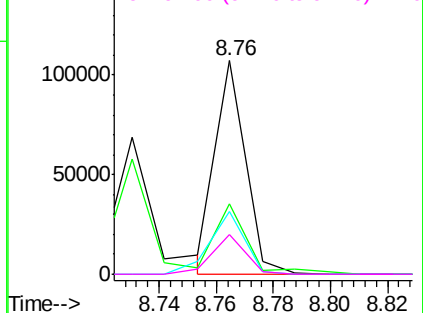
#33
4-Chloroaniline
Concen: 17.29 ng m
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83890BS

Tgt Ion:	127	Resp:	78537
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	29.2	26.8	40.2
92	18.3	16.3	24.5

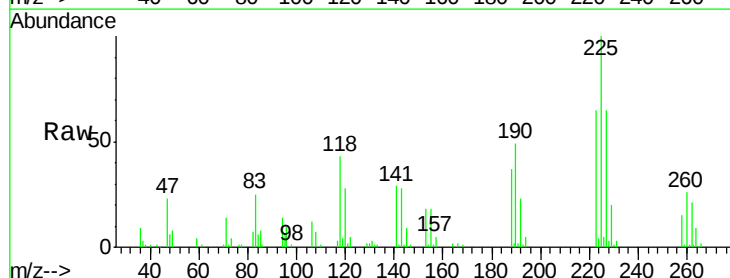


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

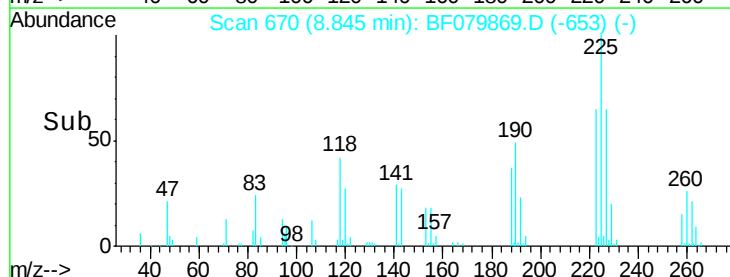
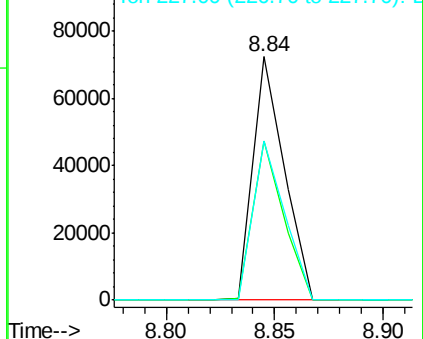


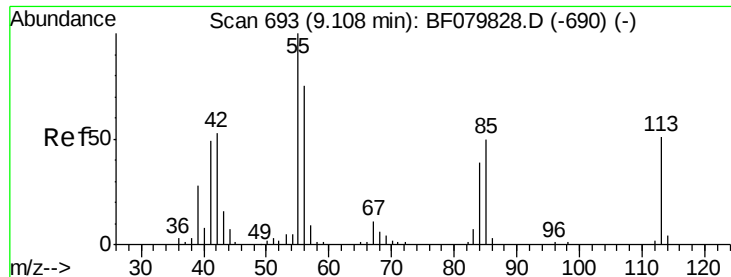
#34
Hexachlorobutadiene
Concen: 34.99 ng
RT: 8.84 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:	225	Resp:	72605
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.4	74.2
227	65.2	53.7	80.5



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: 38.54 ng

RT: 9.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

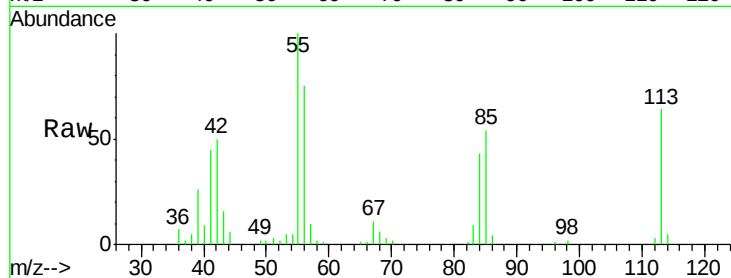
Tgt Ion:113 Resp: 33069

Ion Ratio Lower Upper

113 100

55 157.1 122.7 162.7

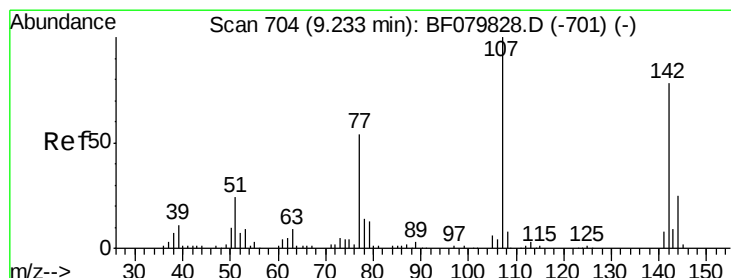
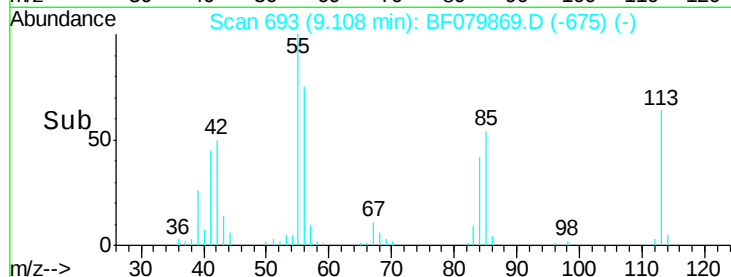
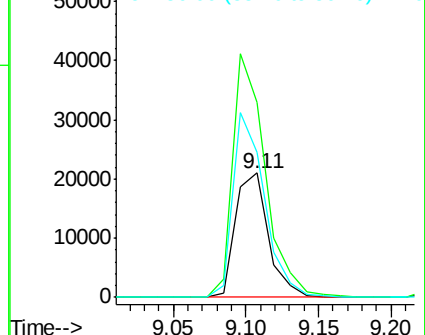
56 117.3 89.3 129.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.35 ng

RT: 9.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

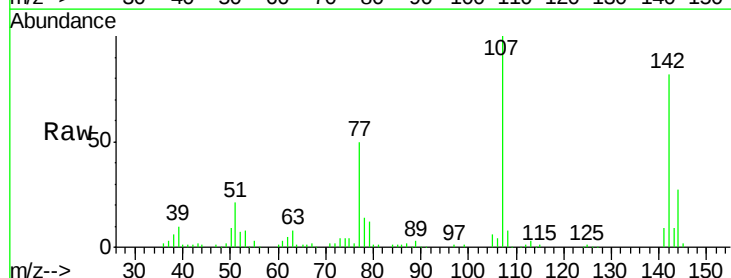
Tgt Ion:107 Resp: 128416

Ion Ratio Lower Upper

107 100

144 26.7 20.3 30.5

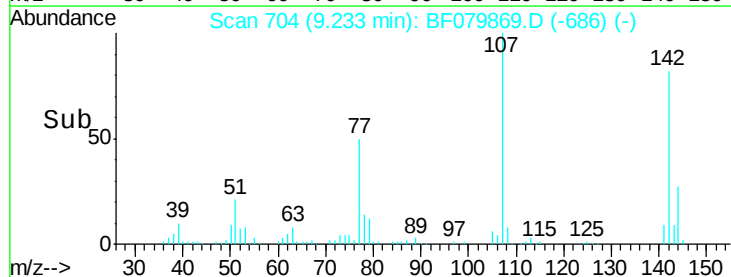
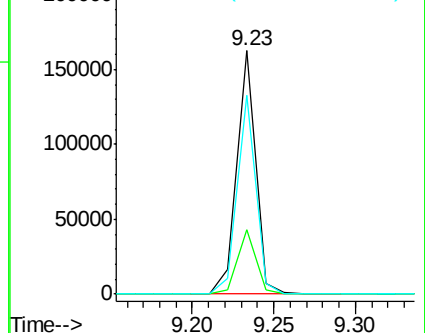
142 81.9 65.9 98.9

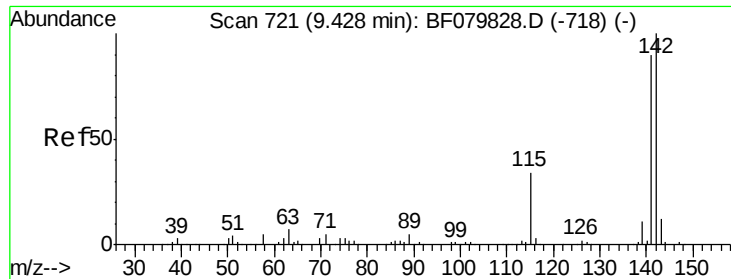


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

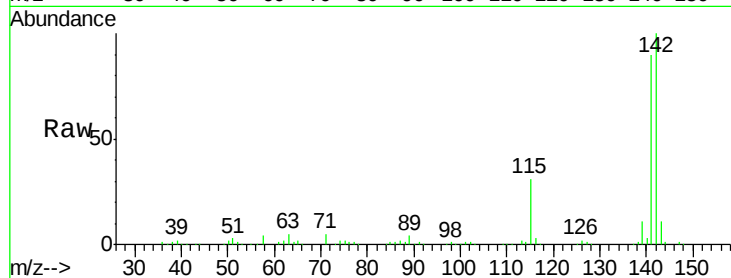




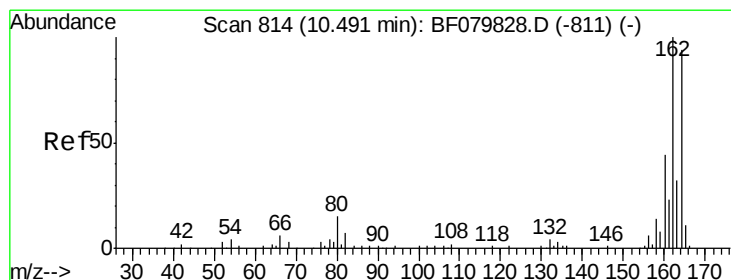
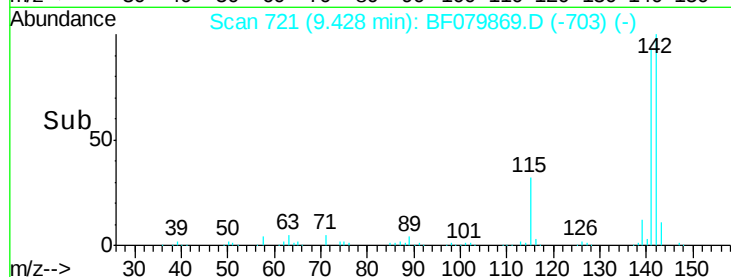
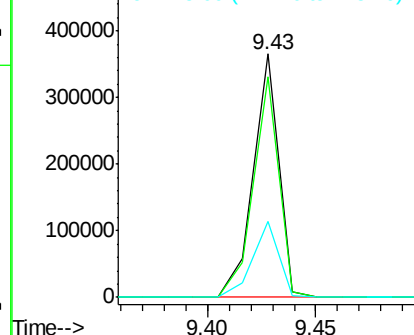
#37
 2-Methylnaphthalene
 Concen: 37.11 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.5	108.7
115	31.2	27.3	40.9

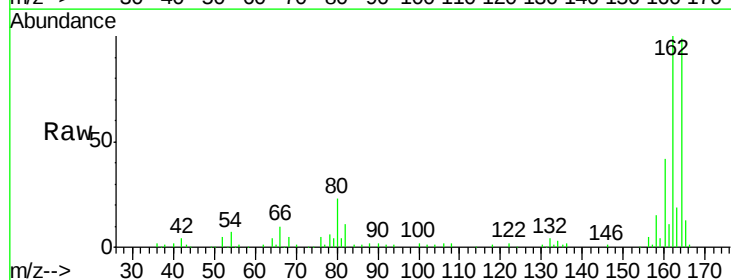


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

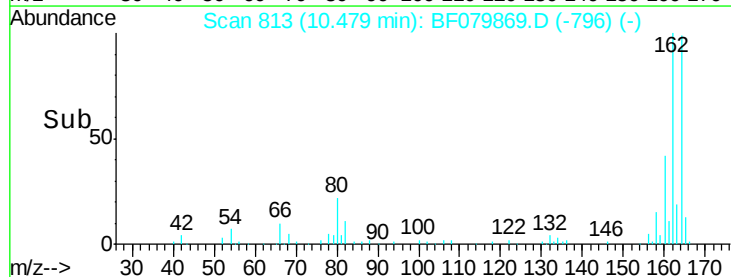
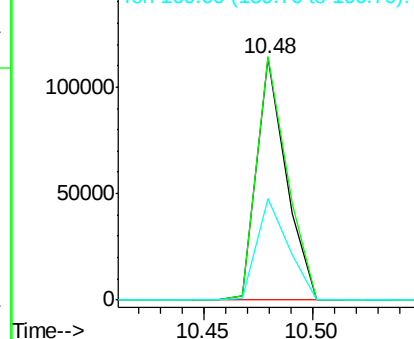


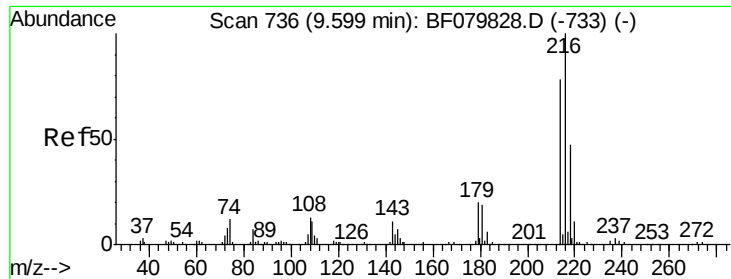
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	89.8	134.8
160	42.2	39.6	59.4



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

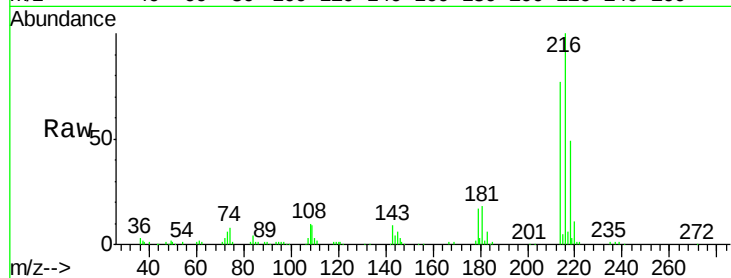




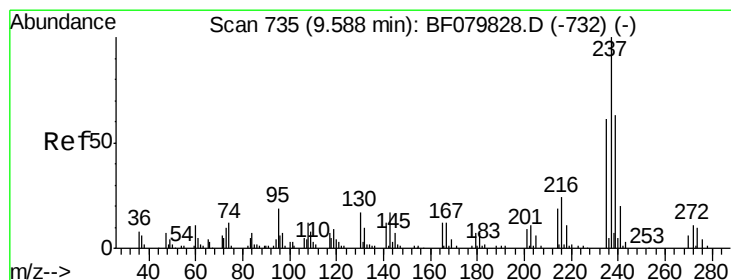
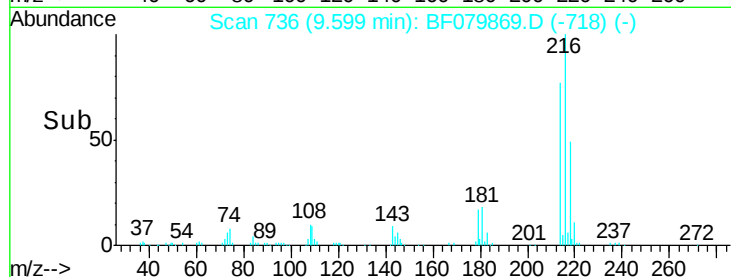
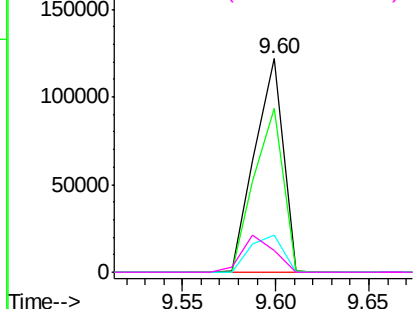
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.29 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:	216	Resp:	127979
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.1	94.7
179	19.7	17.1	25.7
108	19.4	13.4	20.2

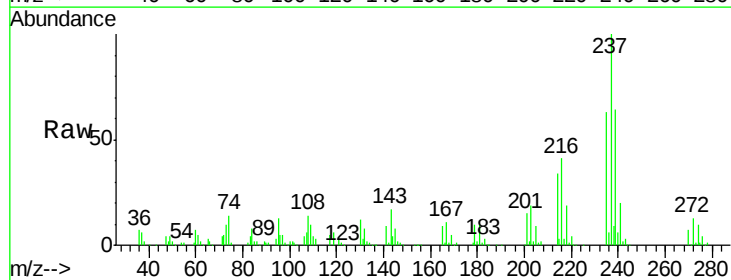


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

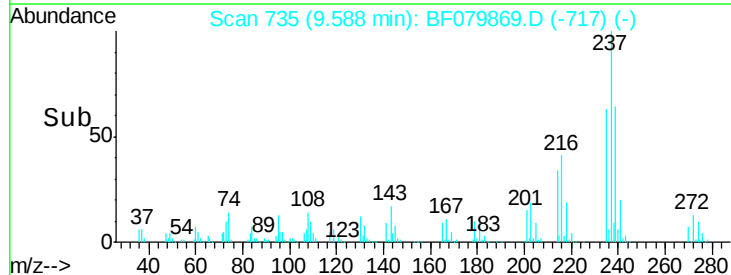
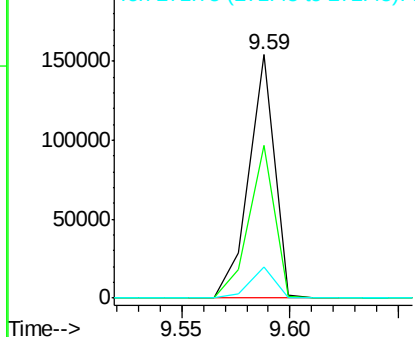


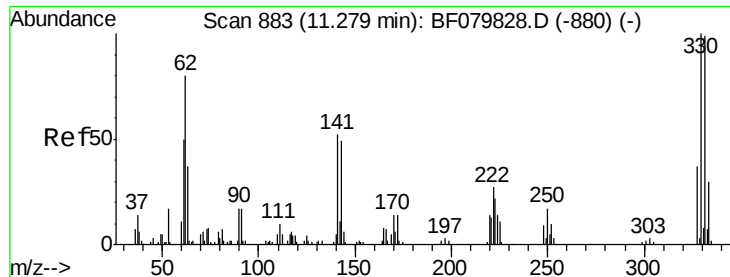
#40
 Hexachlorocyclopentadiene
 Concen: 70.88 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:	237	Resp:	126421
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.0	82.0
272	12.9	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

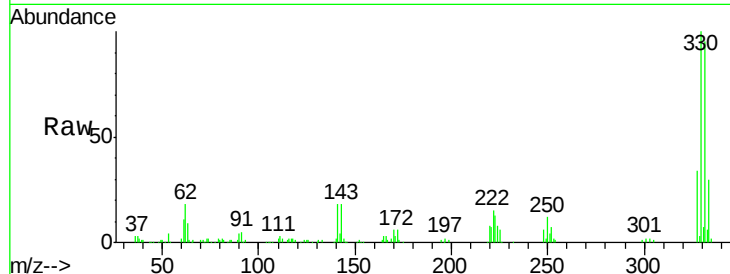




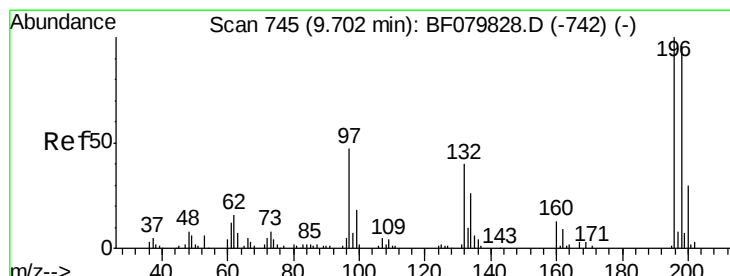
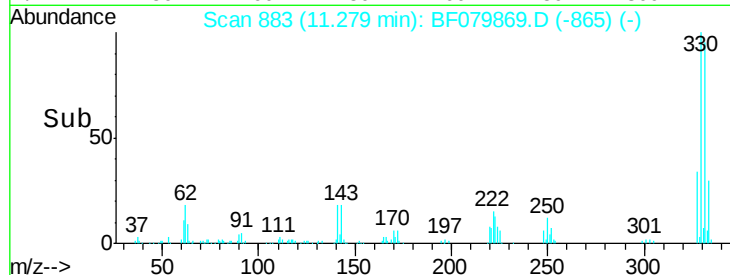
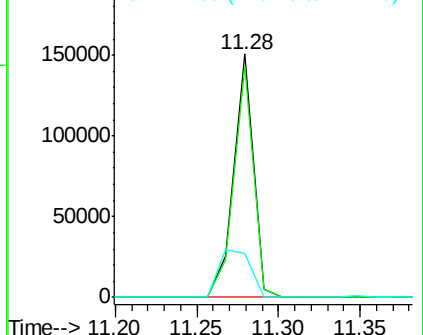
#41
 2,4,6-Tribromophenol
 Concen: 134.99 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:330 Resp: 124754
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 32.0 29.1 43.7

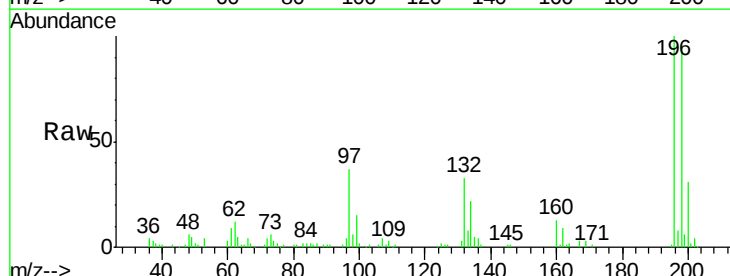


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

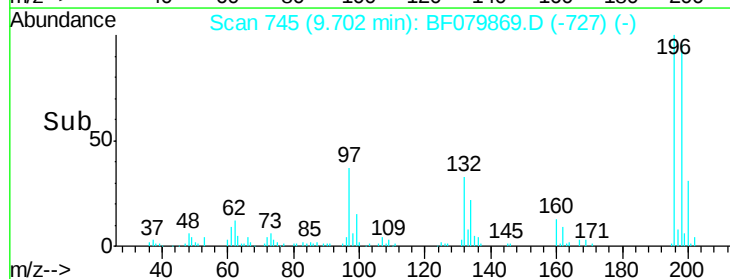
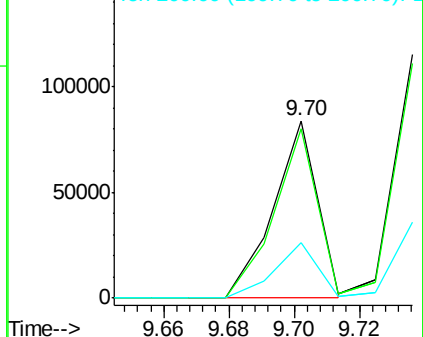


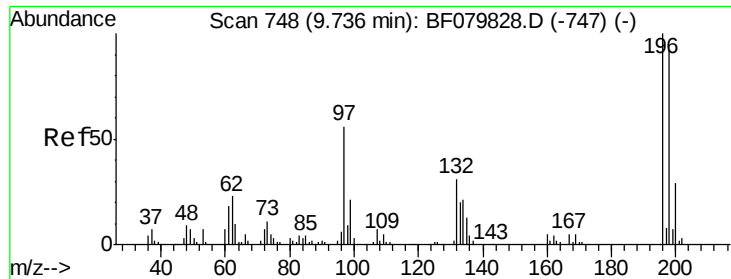
#42
 2,4,6-Trichlorophenol
 Concen: 34.76 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:196 Resp: 78367
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.9 115.3
 200 31.4 24.6 37.0



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

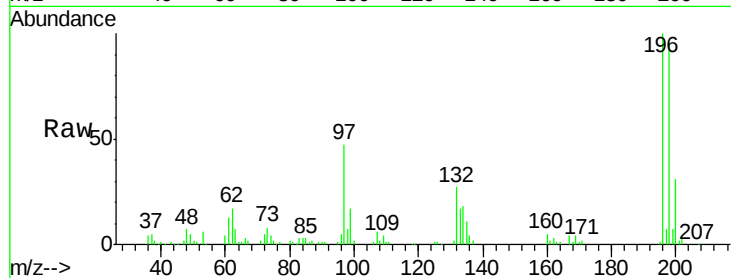




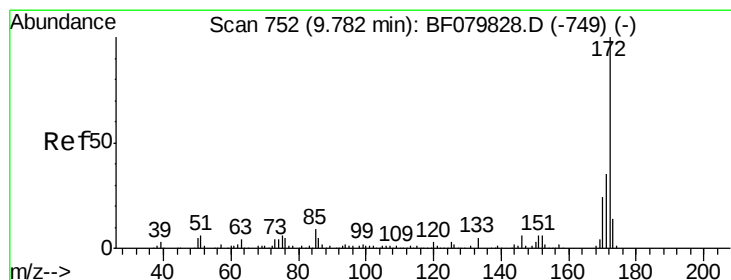
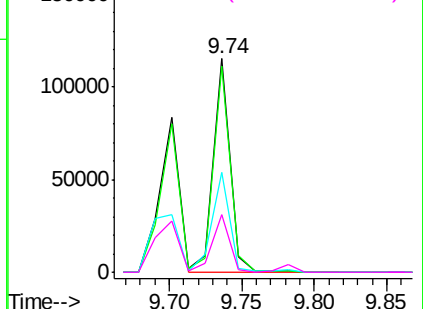
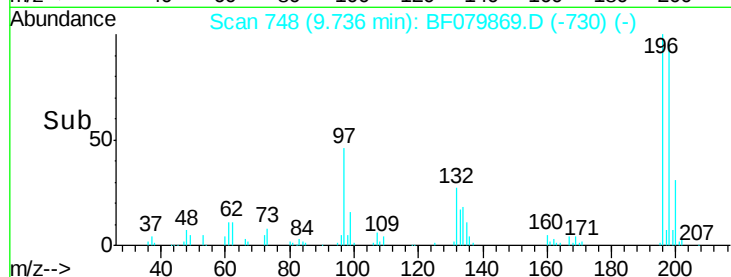
#43
 2,4,5-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:196 Resp: 92234
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.8 116.8
 97 46.7 41.3 61.9
 132 27.2 23.9 35.9

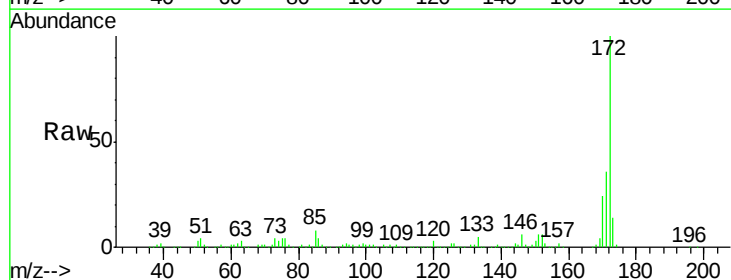


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

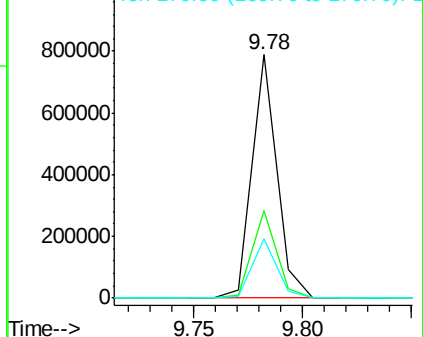
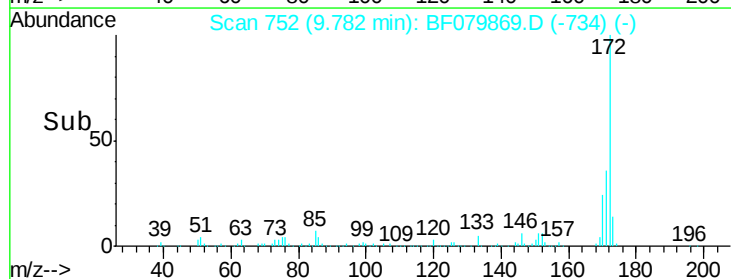


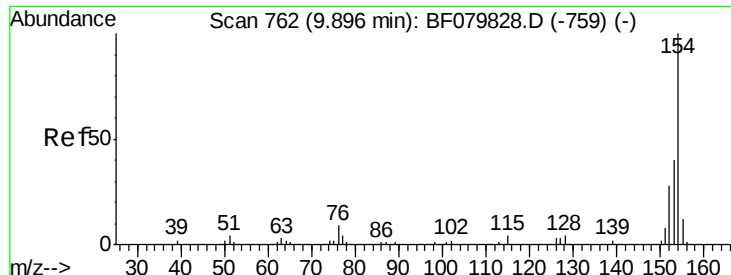
#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:172 Resp: 624350
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.2 18.8 28.2



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

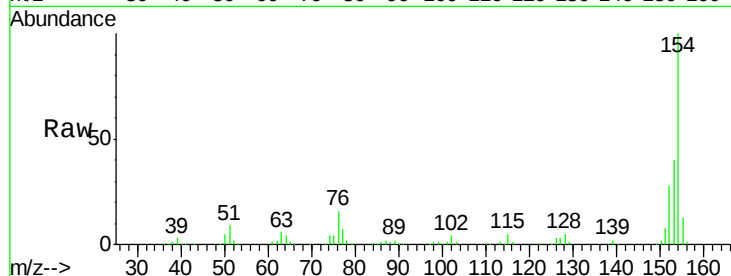




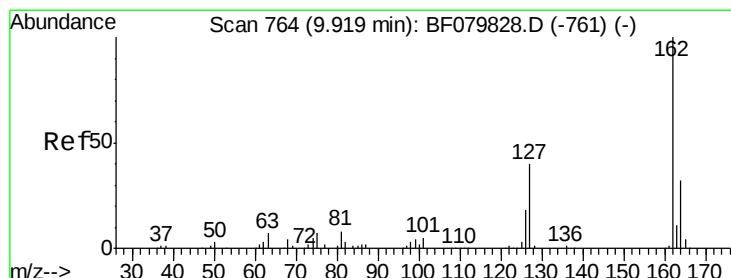
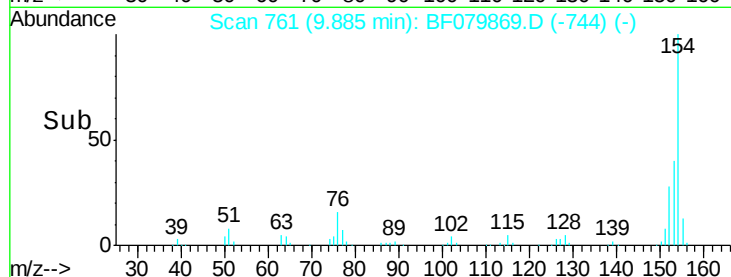
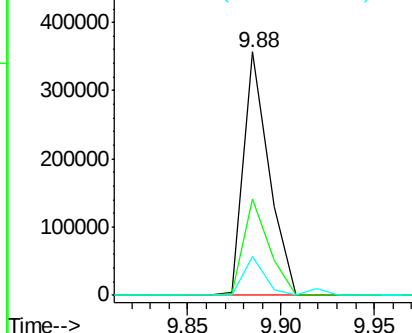
#45
 1,1'-Biphenyl
 Concen: 38.05 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:154 Resp: 336827
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.7 60.7
 76 15.9 0.0 27.0

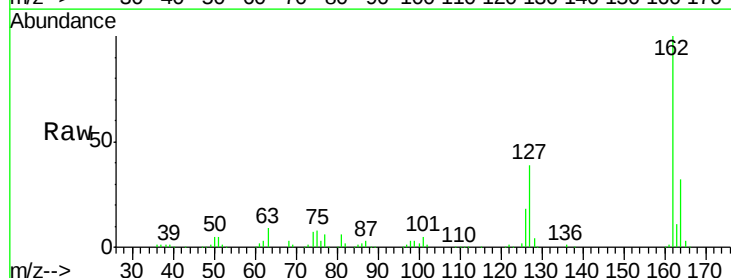


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

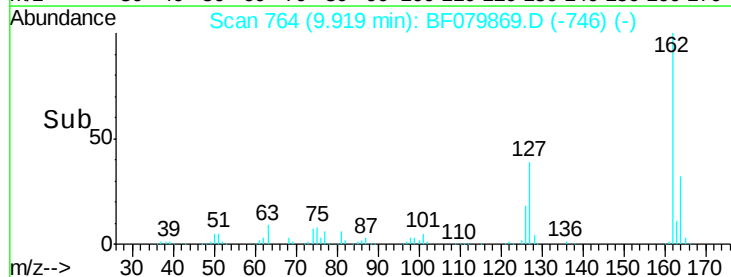
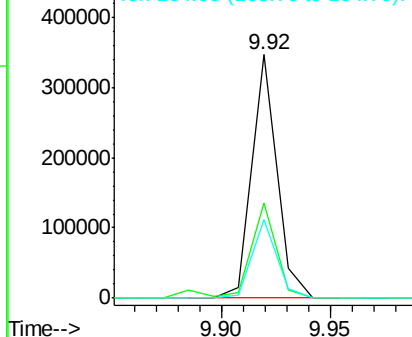


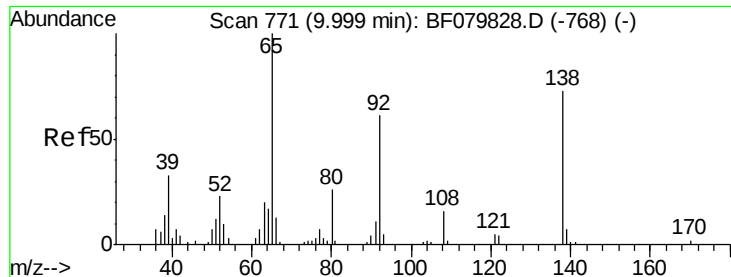
#46
 2-Chloronaphthalene
 Concen: 38.46 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:162 Resp: 277996
 Ion Ratio Lower Upper
 162 100
 127 38.8 34.5 51.7
 164 32.3 25.2 37.8



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

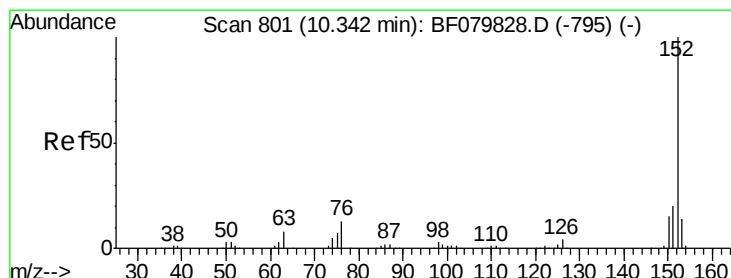
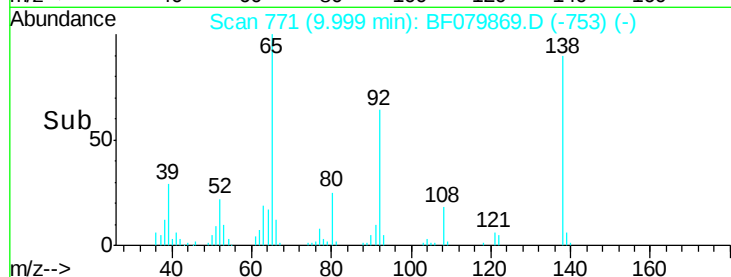
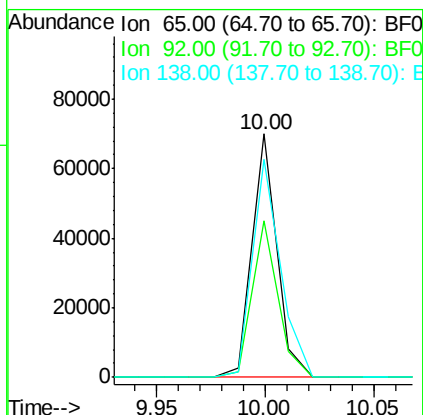
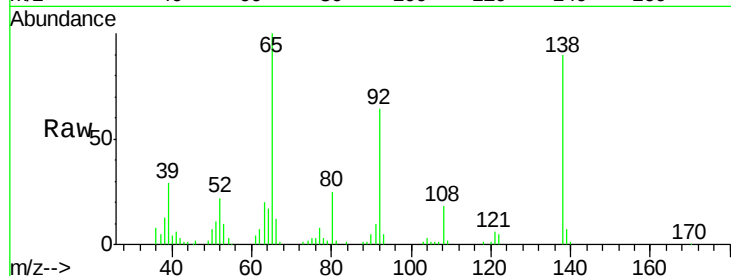




#47
2-Nitroaniline
Concen: 35.14 ng
RT: 10.00 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

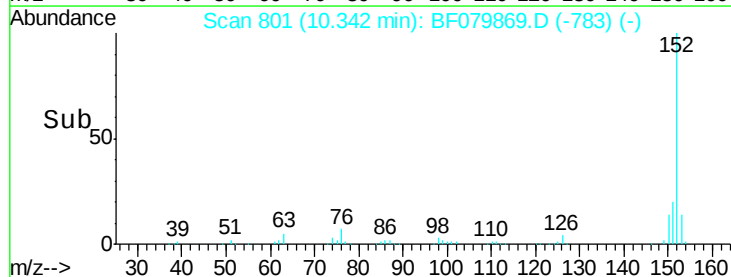
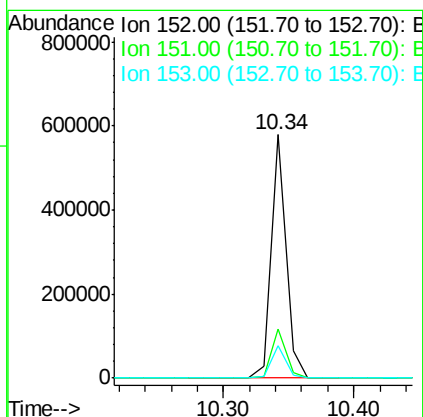
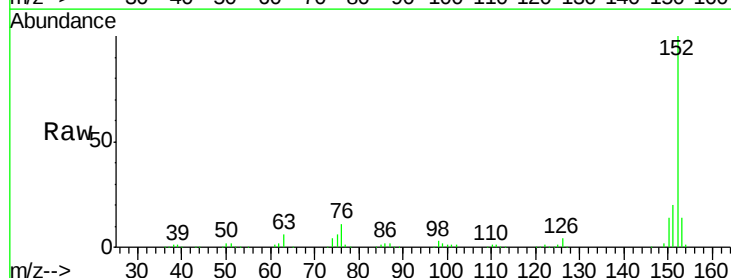
Instrument :
BNA_F
ClientSampleId :
PB83890BS

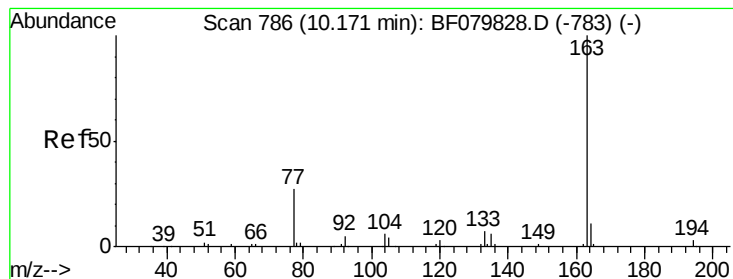
Tgt Ion: 65 Resp: 55653
Ion Ratio Lower Upper
65 100
92 64.3 50.3 75.5
138 89.7 63.4 95.0



#48
Acenaphthylene
Concen: 37.55 ng
RT: 10.34 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion: 152 Resp: 461650
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 10.4 15.6





#49

Dimethylphthalate

Concen: 40.16 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

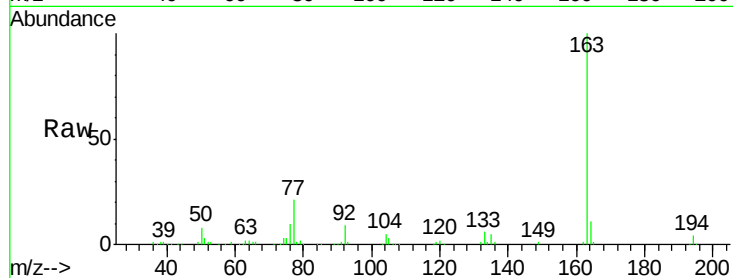
Tgt Ion:163 Resp: 334309

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

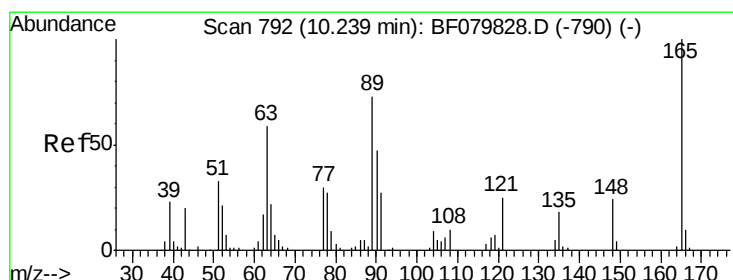
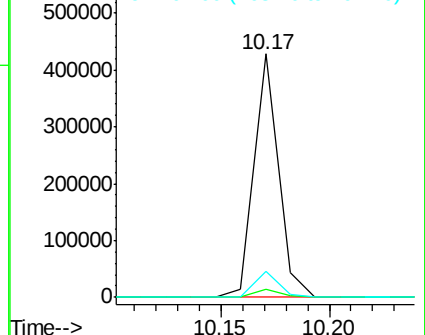
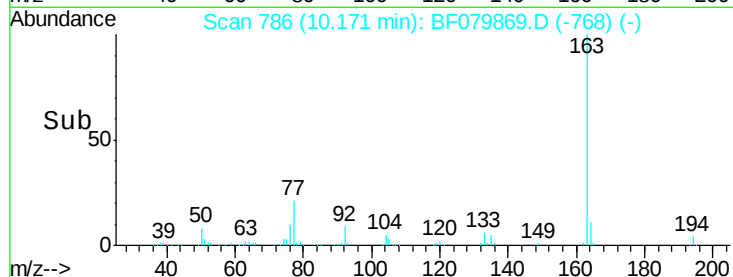
164 10.6 7.9 11.9



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: 39.66 ng

RT: 10.24 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

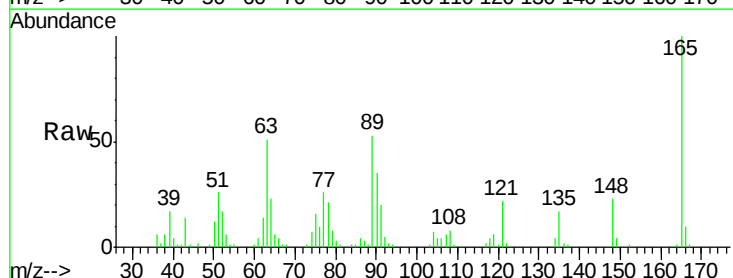
Tgt Ion:165 Resp: 57270

Ion Ratio Lower Upper

165 100

63 51.4 47.8 71.8

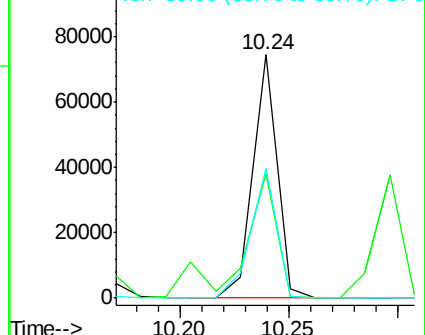
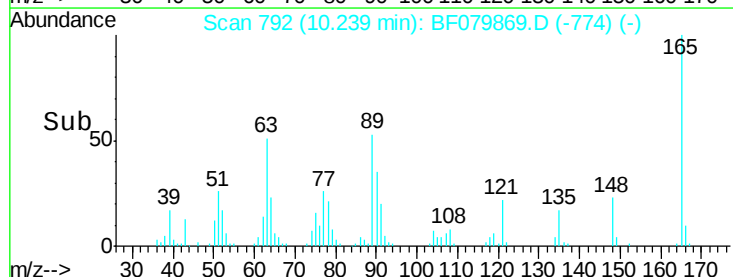
89 53.4 48.2 72.4

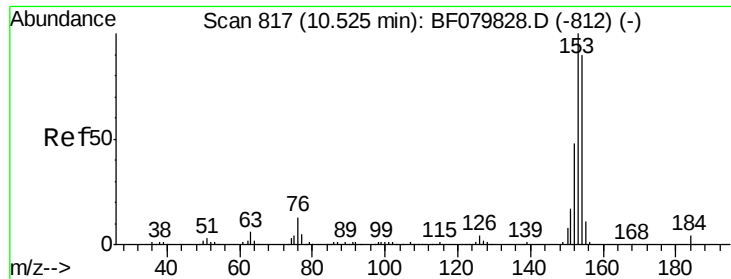


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.16 ng

RT: 10.51 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

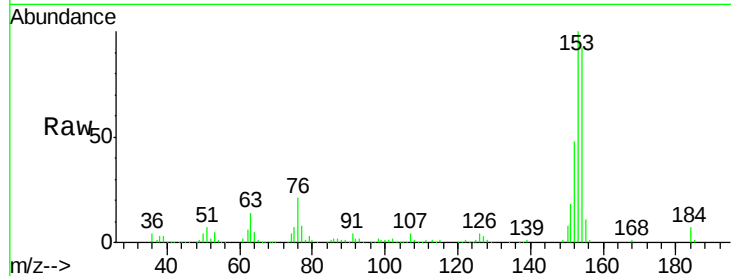
Tgt Ion:154 Resp: 267194

Ion Ratio Lower Upper

154 100

153 108.4 90.3 135.5

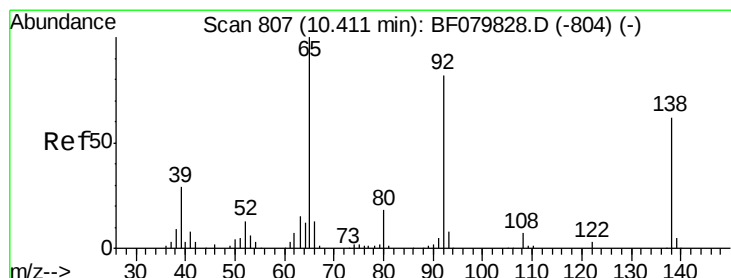
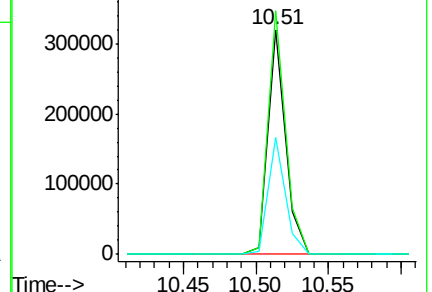
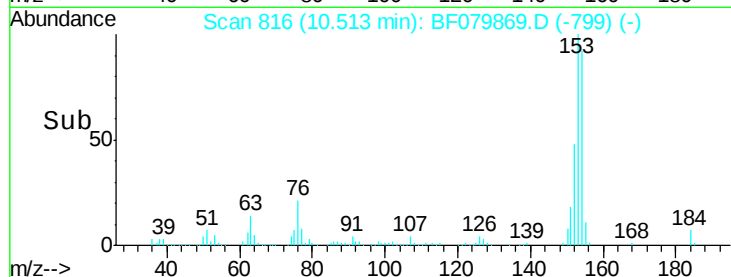
152 52.3 42.1 63.1



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: 23.22 ng

RT: 10.41 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

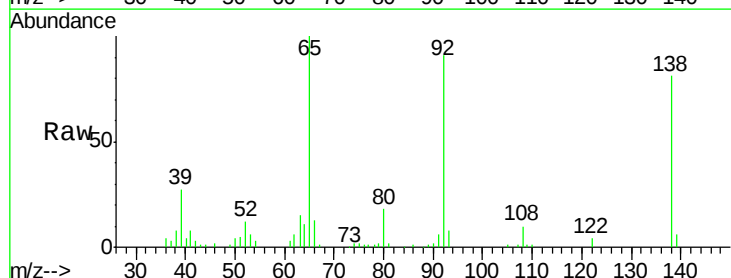
Tgt Ion:138 Resp: 41249

Ion Ratio Lower Upper

138 100

108 12.3 9.3 13.9

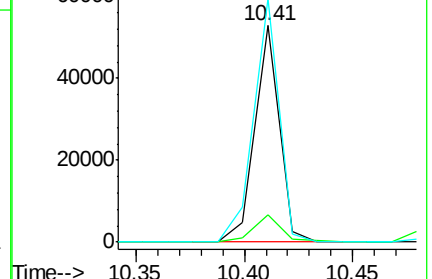
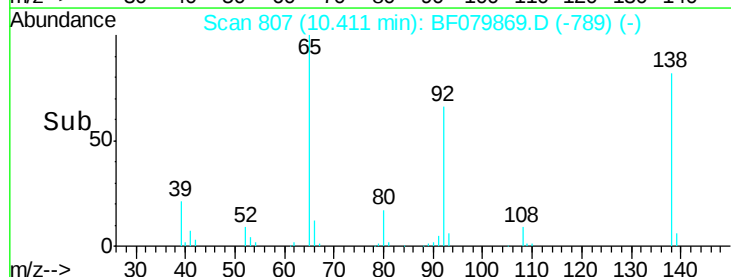
92 112.5 101.4 152.0

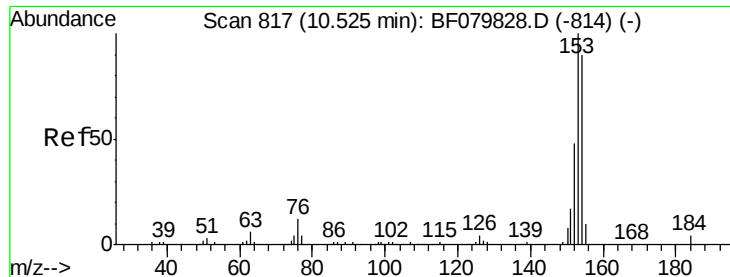


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 60.90 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

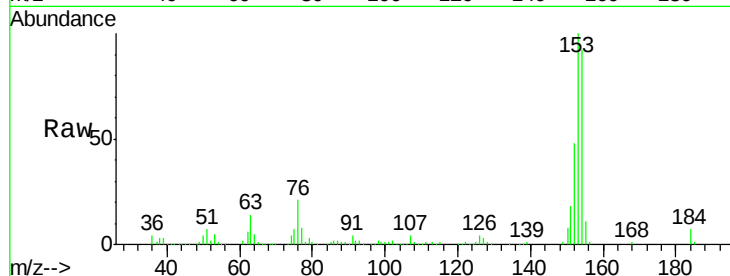
Tgt Ion:184 Resp: 22823

Ion Ratio Lower Upper

184 100

63 211.6 231.7 347.5#

154 1352.6 1501.4 2252.2#



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

400000

300000

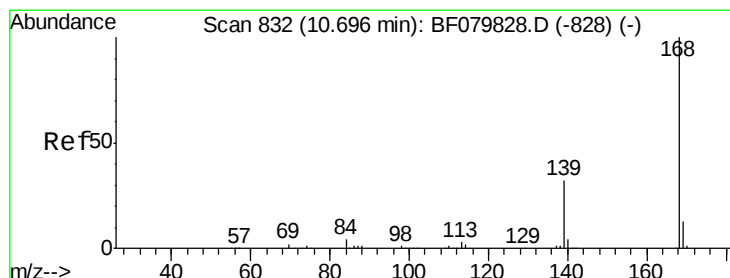
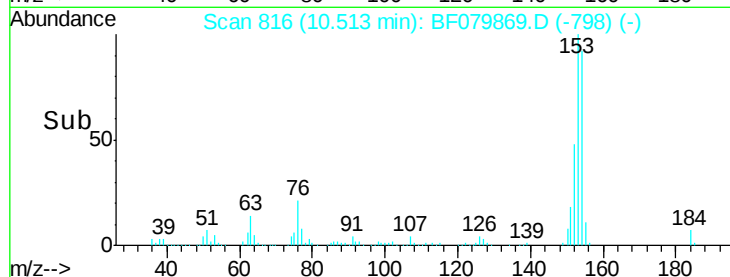
200000

100000

0

10.45 10.50 10.55

Time-->



#54

Dibenzofuran

Concen: 39.32 ng

RT: 10.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

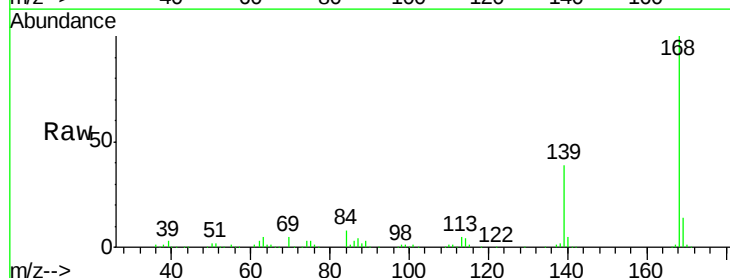
Tgt Ion:168 Resp: 396008

Ion Ratio Lower Upper

168 100

139 38.6 34.5 51.7

169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

600000

500000

400000

300000

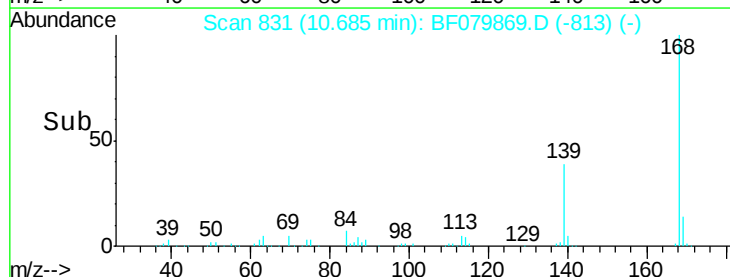
200000

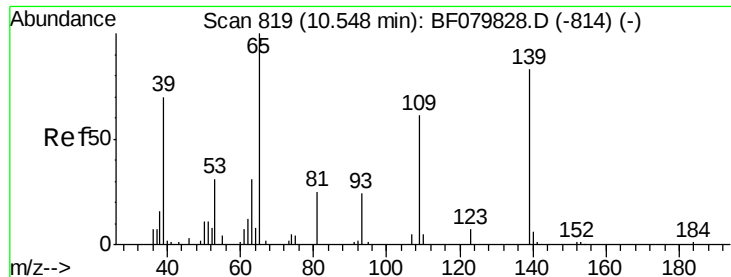
100000

0

10.65 10.70

Time-->

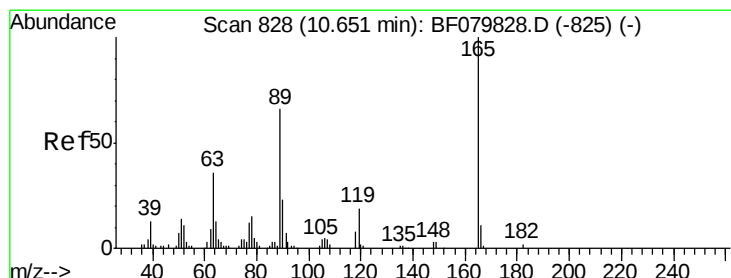
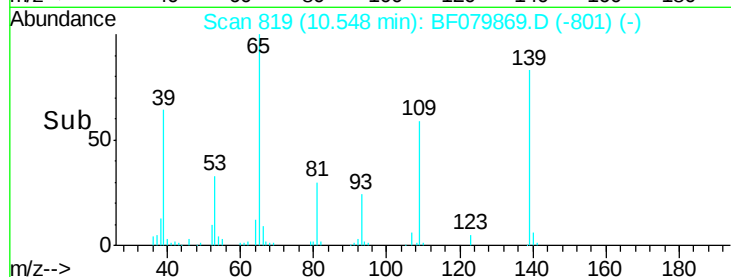
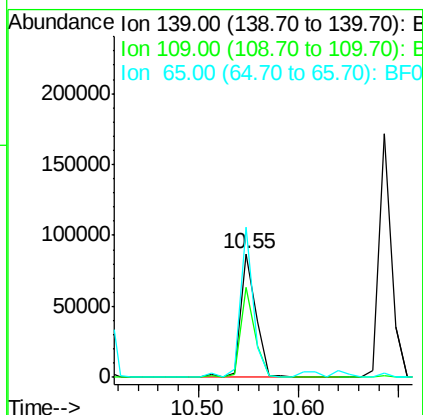
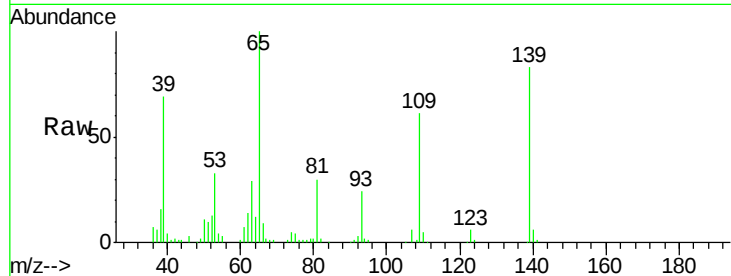




#55
4-Nitrophenol
Concen: 71.42 ng
RT: 10.55 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

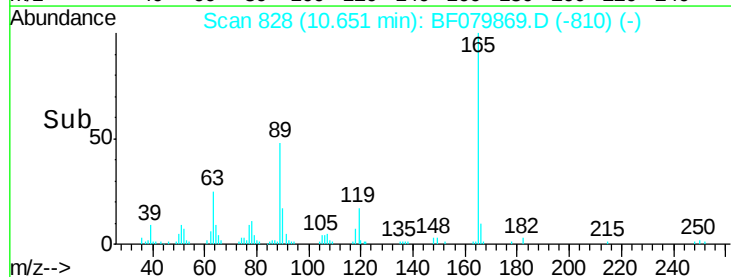
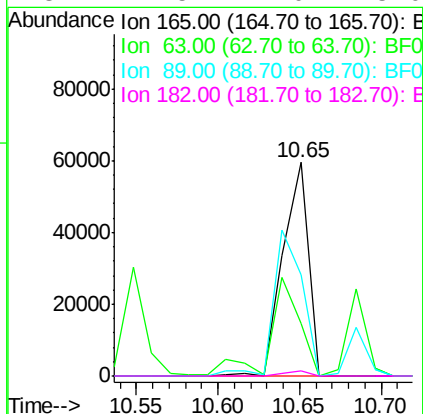
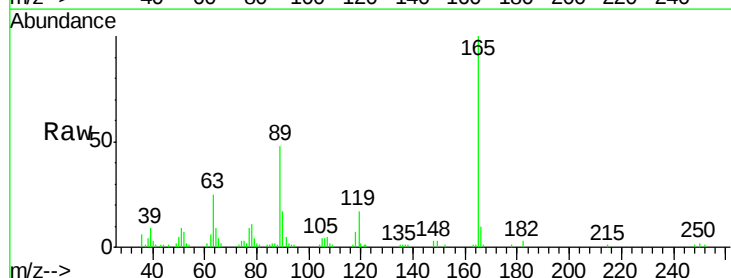
Instrument :
BNA_F
ClientSampleId :
PB83890BS

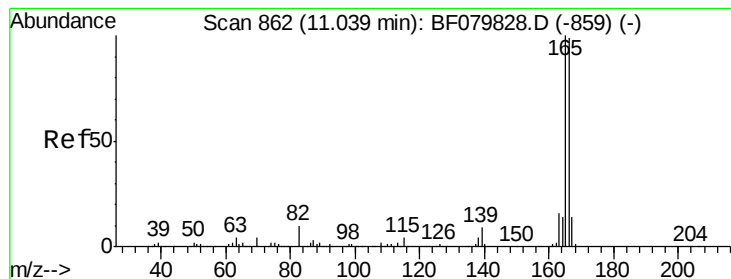
Tgt Ion:139 Resp: 92205
Ion Ratio Lower Upper
139 100
109 73.0 52.1 92.1
65 120.7 85.7 125.7



#56
2,4-Dinitrotoluene
Concen: 33.82 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:165 Resp: 64534
Ion Ratio Lower Upper
165 100
63 24.7 24.4 36.6
89 47.6 45.3 67.9
182 2.5 2.0 3.0





#57

Fluorene

Concen: 35.57 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

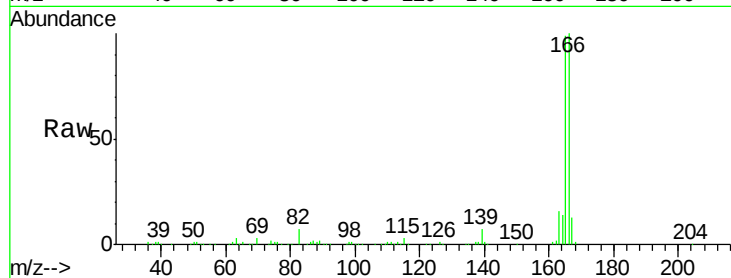
Tgt Ion:166 Resp: 317220

Ion Ratio Lower Upper

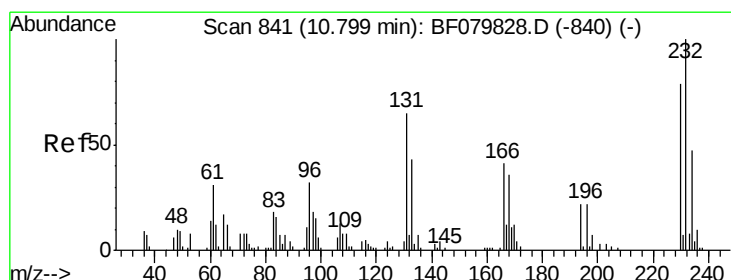
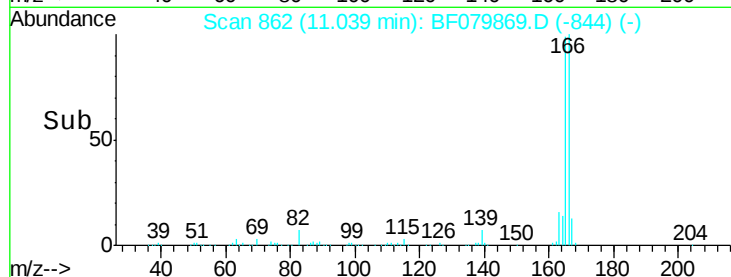
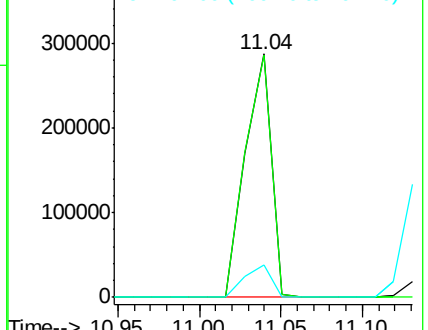
166 100

165 99.4 80.6 120.8

167 13.2 10.4 15.6



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: 43.94 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Tgt Ion:232 Resp: 75587

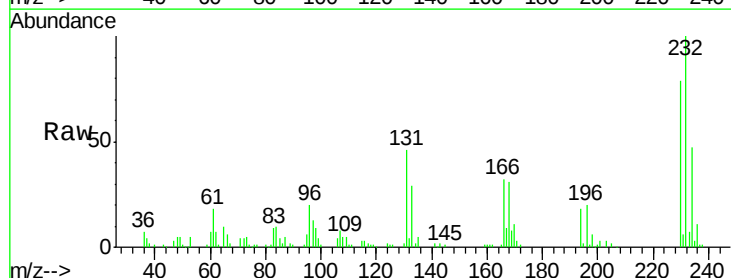
Ion Ratio Lower Upper

232 100

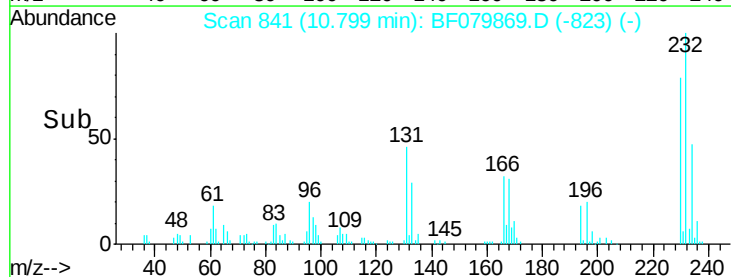
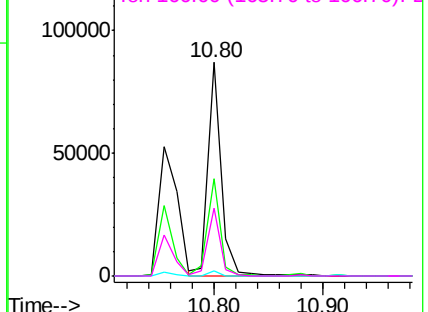
131 43.7 38.7 58.1

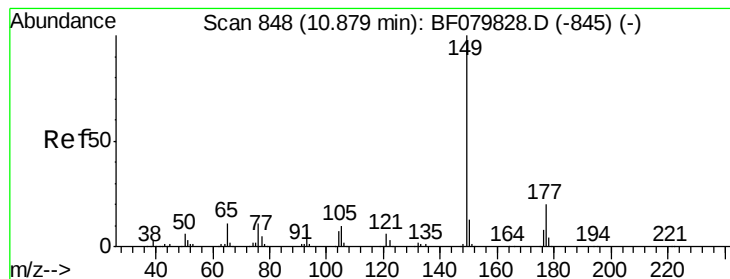
130 1.7 1.5 2.3

166 29.6 27.2 40.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.75 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampled :

PB83890BS

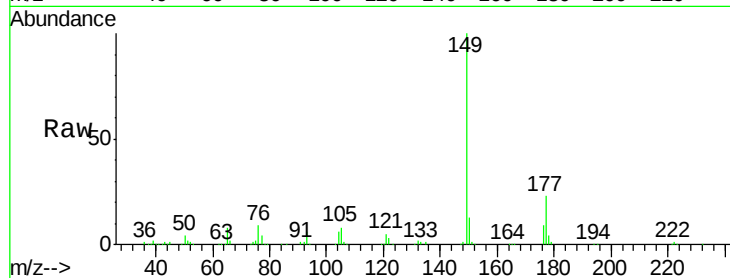
Tgt Ion:149 Resp: 332120

Ion Ratio Lower Upper

149 100

177 22.9 17.4 26.0

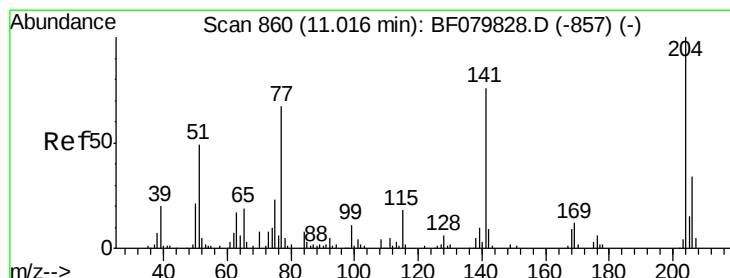
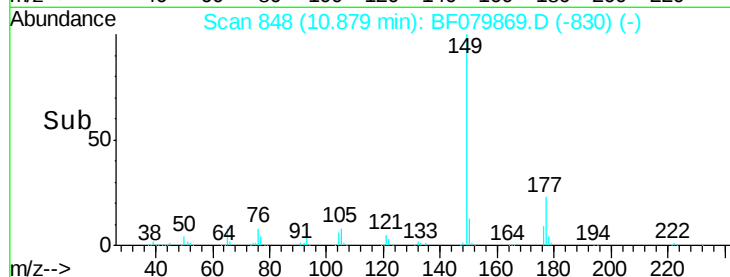
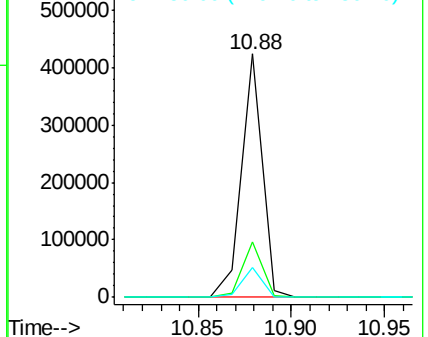
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.46 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

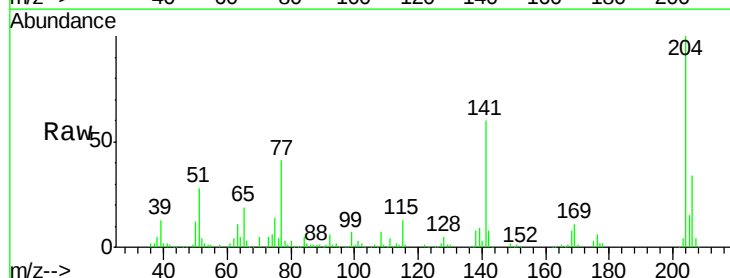
Tgt Ion:204 Resp: 156102

Ion Ratio Lower Upper

204 100

206 33.9 26.6 39.8

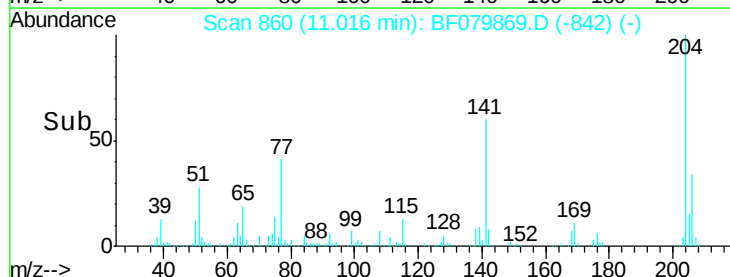
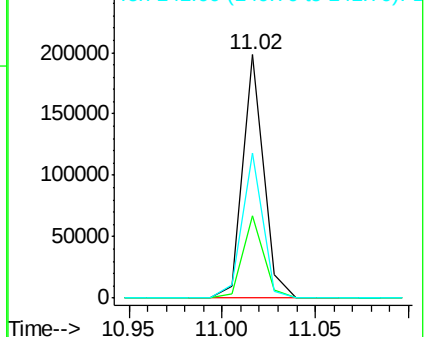
141 59.6 59.0 88.4

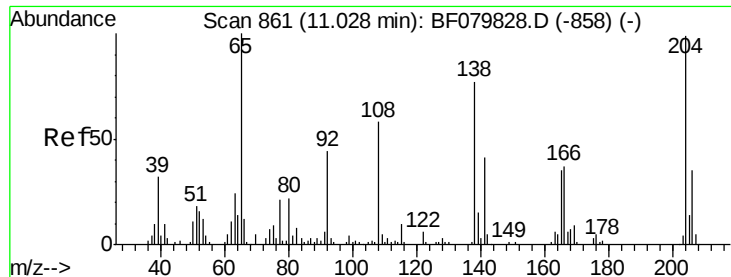


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

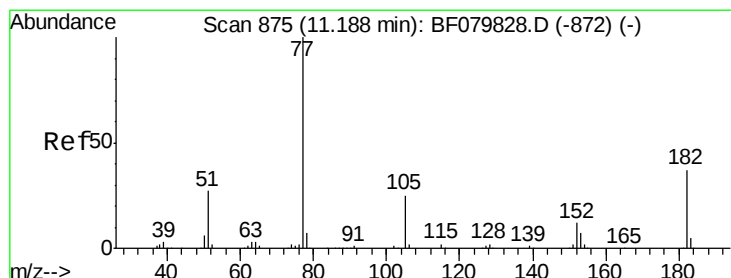
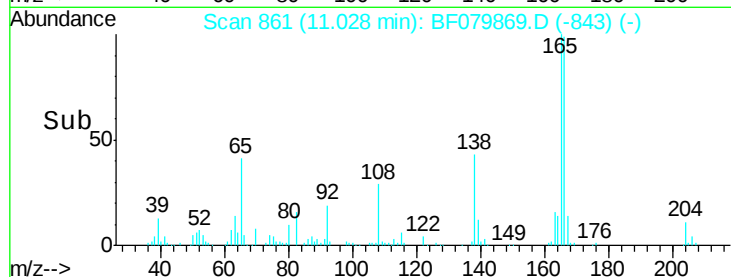
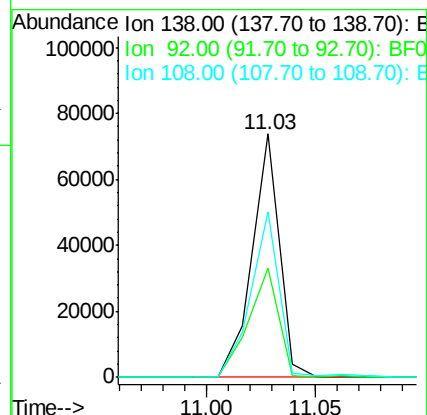
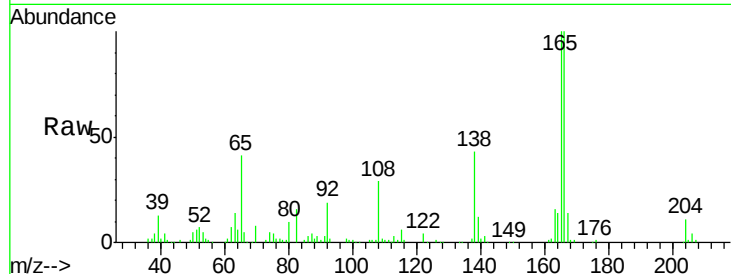




#61
4-Nitroaniline
Concen: 36.66 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

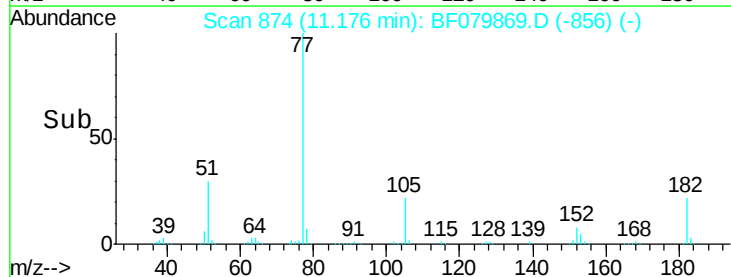
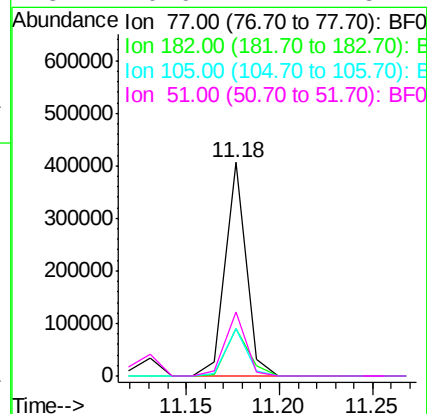
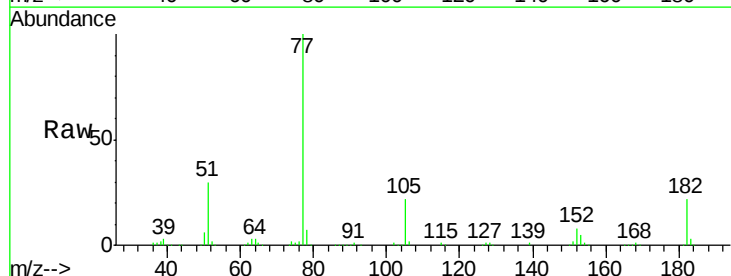
Instrument :
BNA_F
ClientSampleId :
PB83890BS

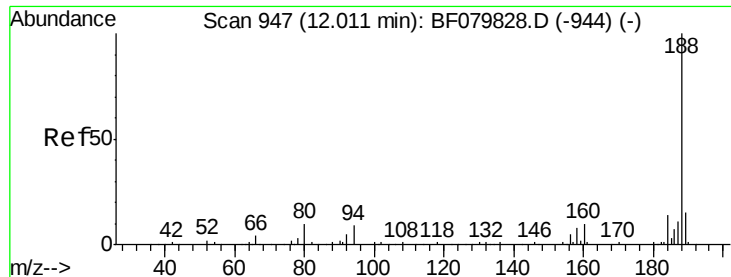
Tgt Ion:138 Resp: 63886
Ion Ratio Lower Upper
138 100
92 44.9 33.1 73.1
108 68.2 51.1 91.1



#62
Azobenzene
Concen: 39.95 ng
RT: 11.18 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion: 77 Resp: 320661
Ion Ratio Lower Upper
77 100
182 22.1 0.0 36.2
105 22.3 0.0 39.8
51 29.9 11.2 51.2

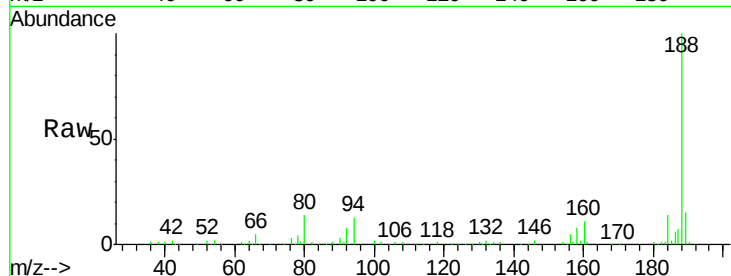




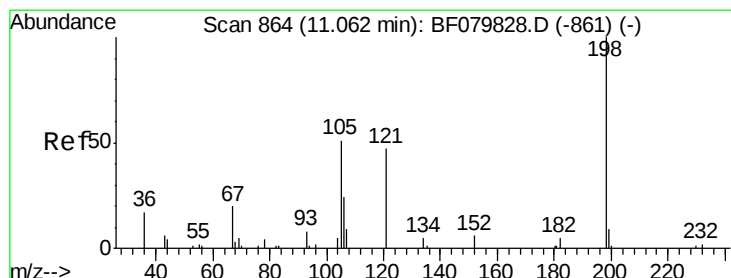
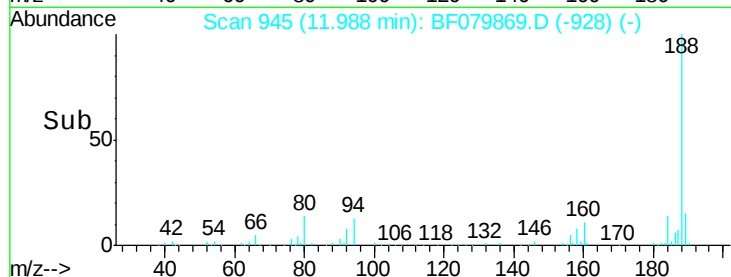
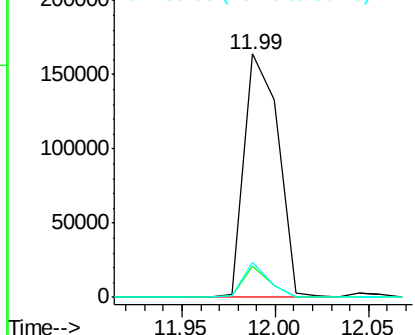
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion:188 Resp: 208505
 Ion Ratio Lower Upper
 188 100
 94 12.9 7.4 11.0#
 80 14.4 8.0 12.0#

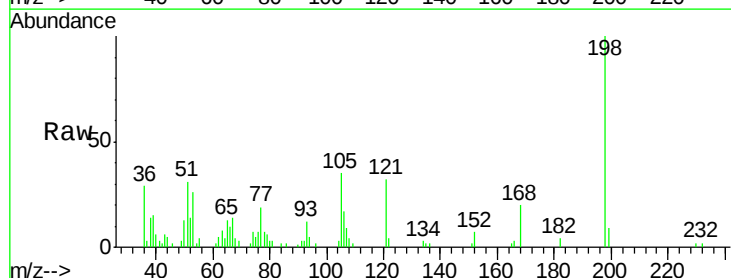


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

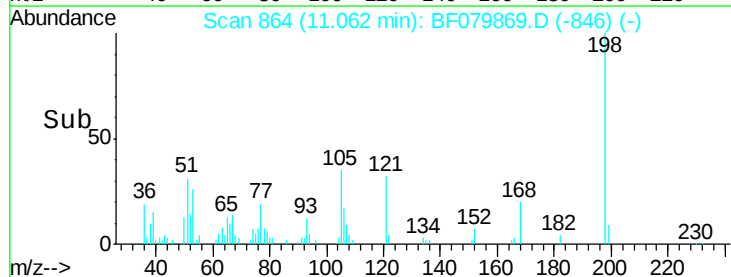
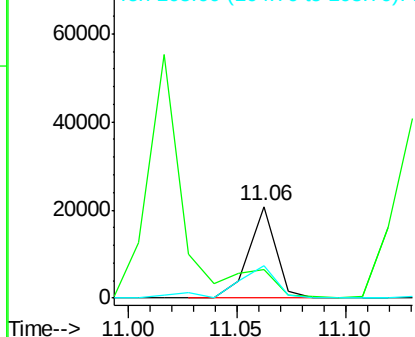


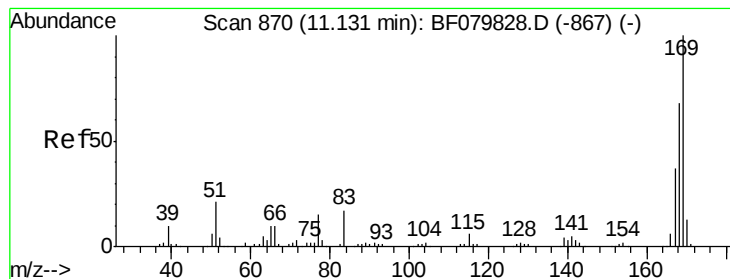
#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.18 ng
 RT: 11.06 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:198 Resp: 17860
 Ion Ratio Lower Upper
 198 100
 51 31.2 20.9 60.9
 105 35.4 25.1 65.1



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

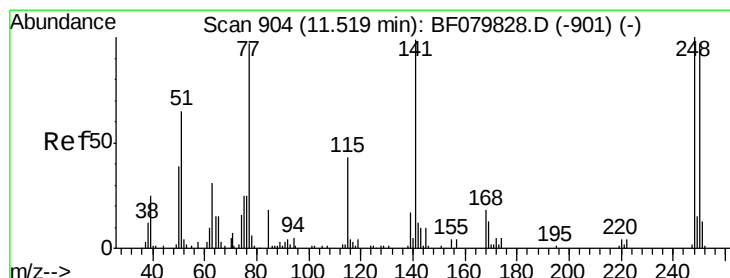
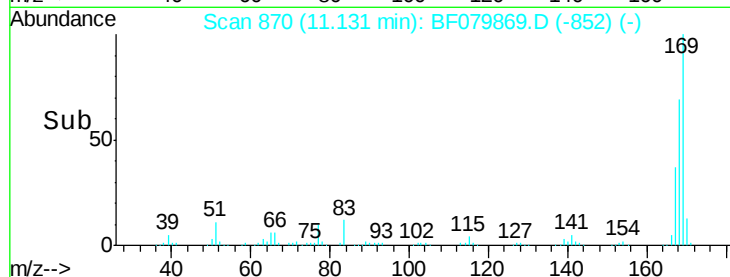
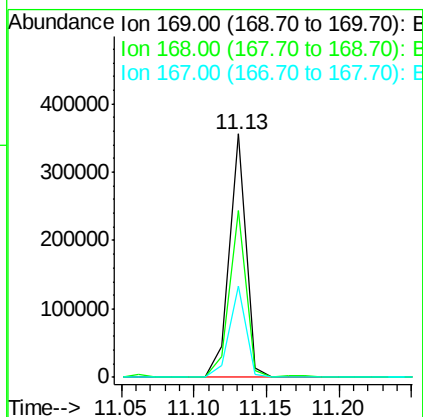
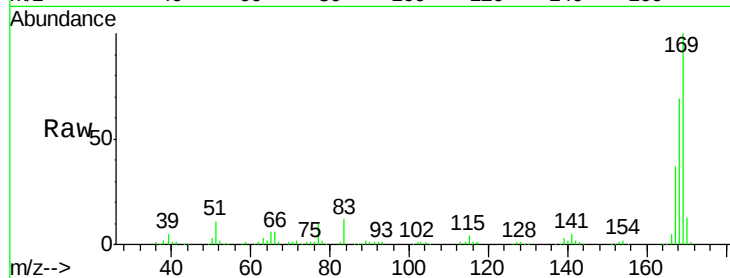




#65
 n-Nitrosodiphenylamine
 Concen: 41.31 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

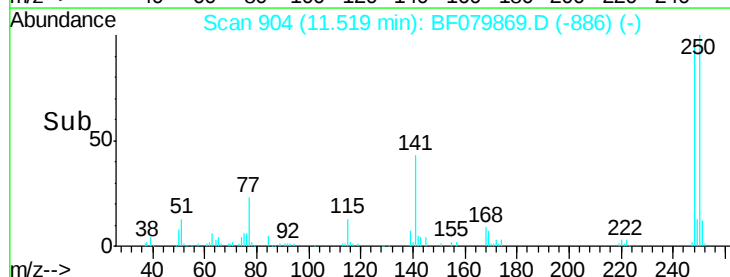
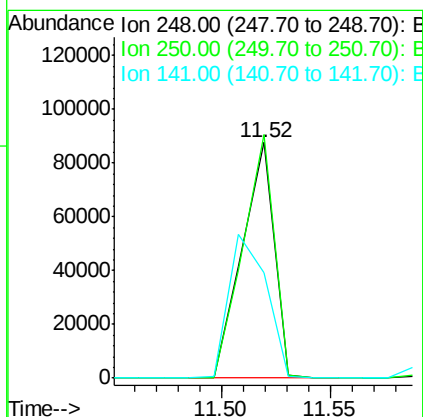
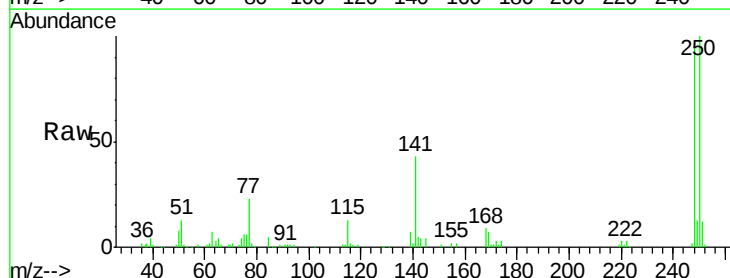
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

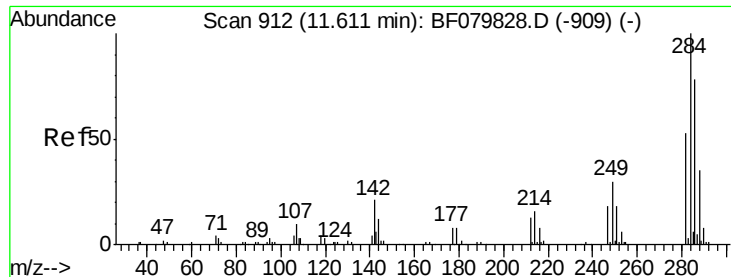
Tgt Ion:169 Resp: 285772
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.9 80.9
 167 37.3 28.7 43.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.19 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:248 Resp: 89646
 Ion Ratio Lower Upper
 248 100
 250 103.4 77.8 116.8
 141 44.8 43.7 65.5

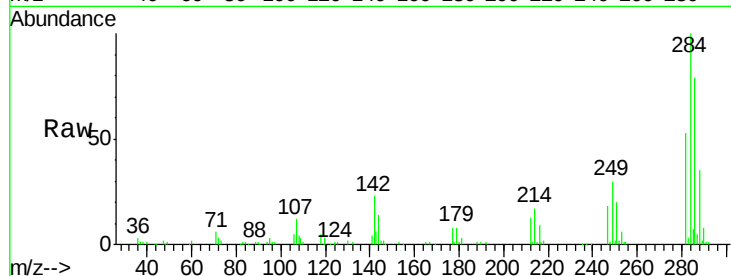




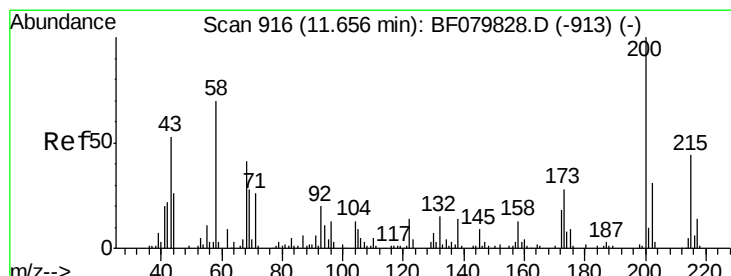
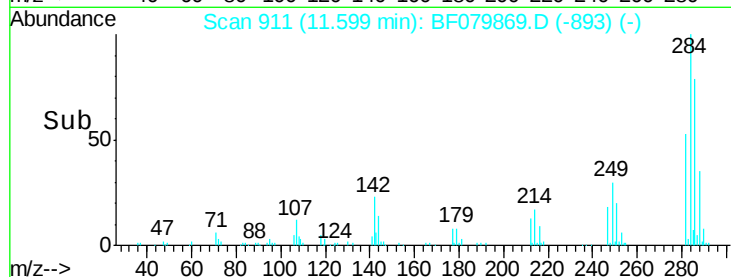
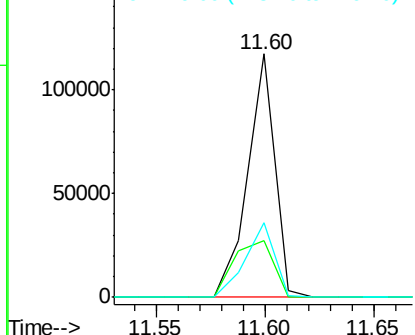
#67
Hexachlorobenzene
Concen: 40.23 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83890BS

Tgt Ion:284 Resp: 101766
Ion Ratio Lower Upper
284 100
142 23.1 23.3 34.9#
249 30.4 25.9 38.9

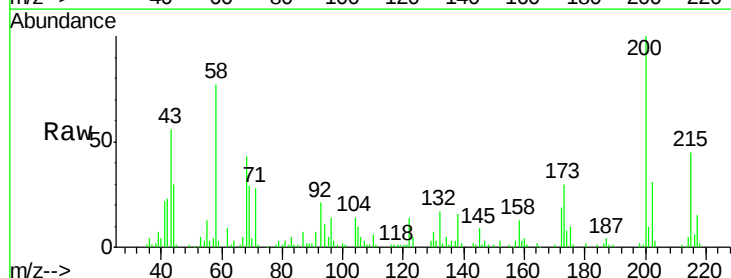


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

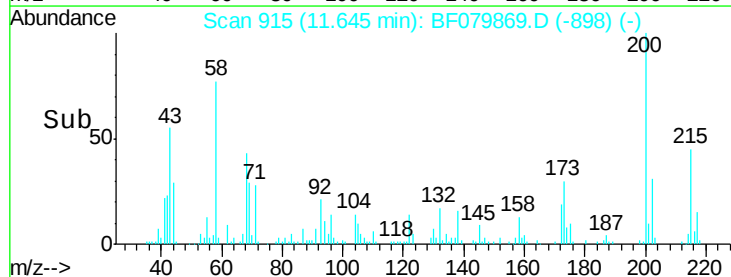
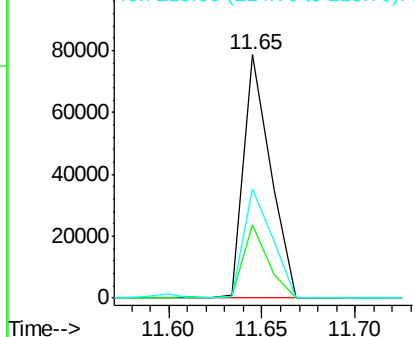


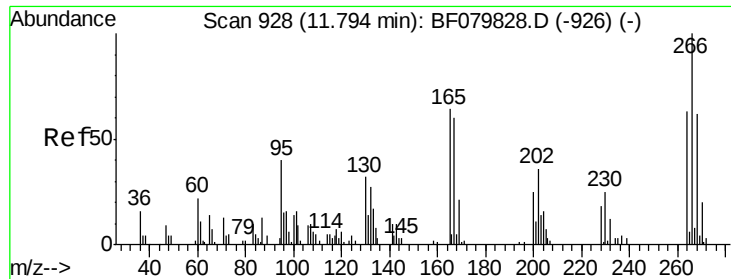
#68
Atrazine
Concen: 40.16 ng
RT: 11.65 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:200 Resp: 78891
Ion Ratio Lower Upper
200 100
173 30.1 8.7 48.7
215 45.1 23.1 63.1



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

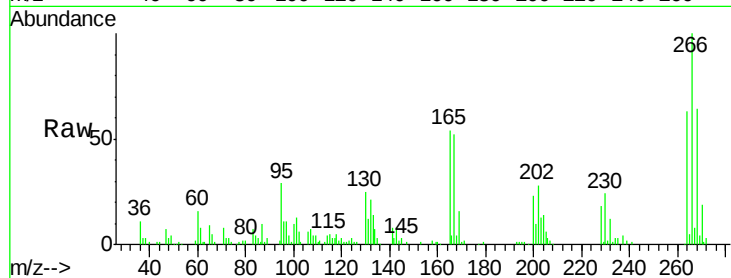




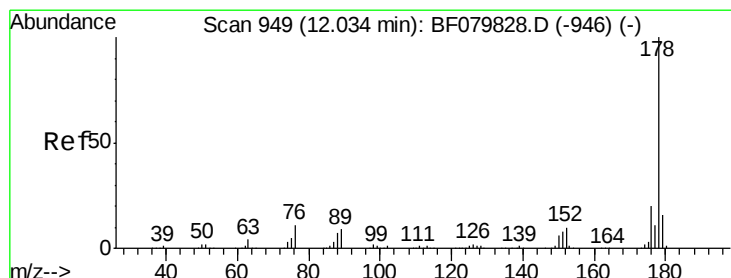
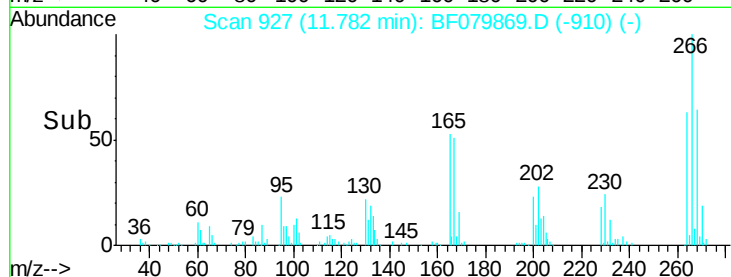
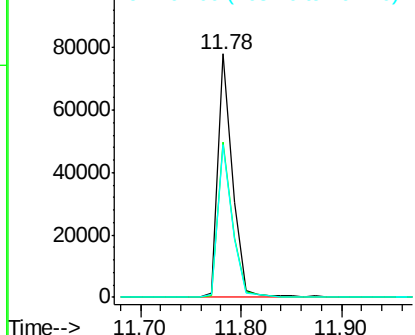
#69
 Pentachlorophenol
 Concen: 72.21 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

Tgt Ion: 266 Resp: 79263
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.1 73.7
 264 62.5 49.4 74.2

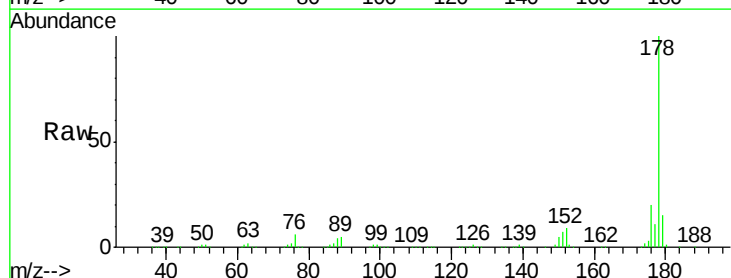


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

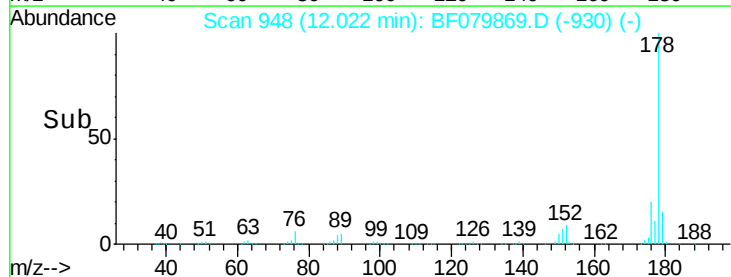
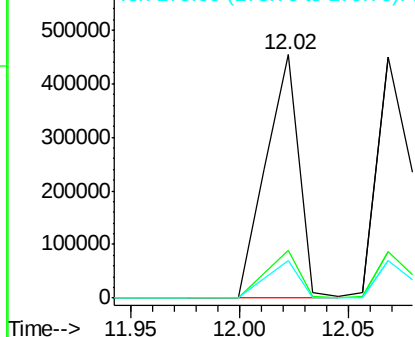


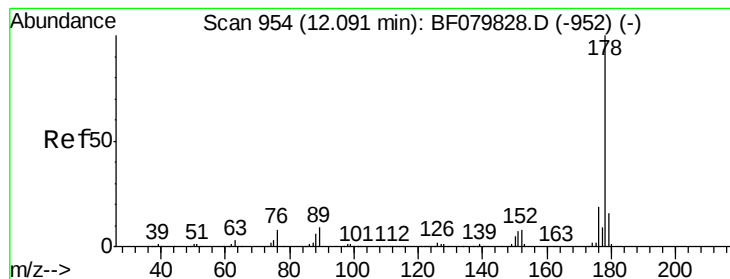
#70
 Phenanthrene
 Concen: 39.00 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion: 178 Resp: 485684
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.2 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: 39.76 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

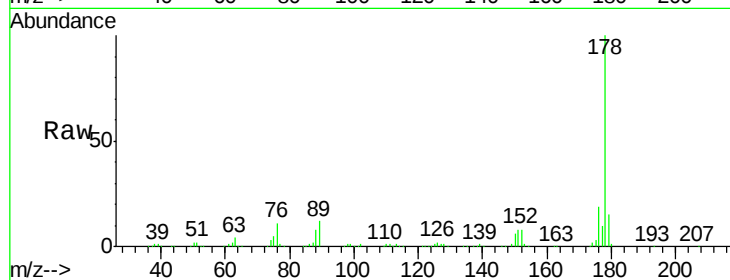
Tgt Ion:178 Resp: 484857

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

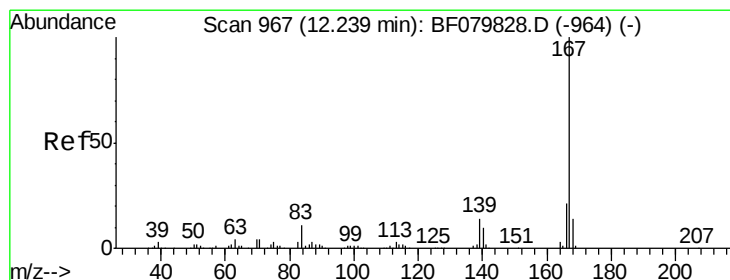
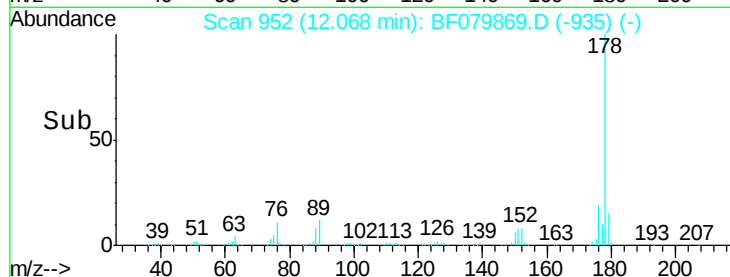
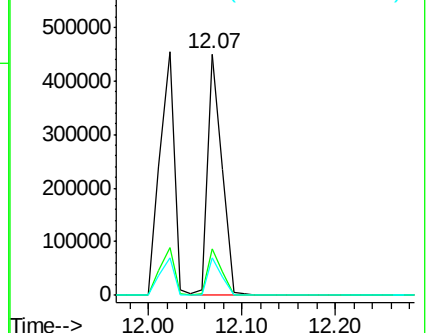
179 15.4 12.1 18.1



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



#72

Carbazole

Concen: 37.59 ng

RT: 12.22 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

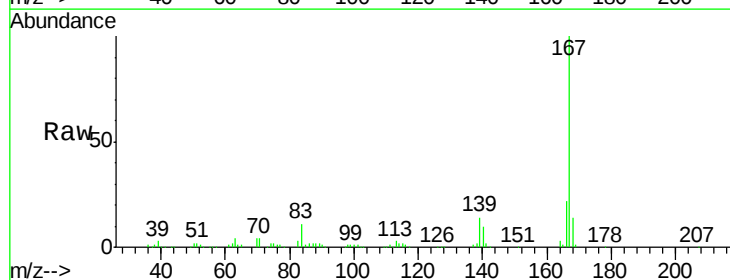
Tgt Ion:167 Resp: 424355

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

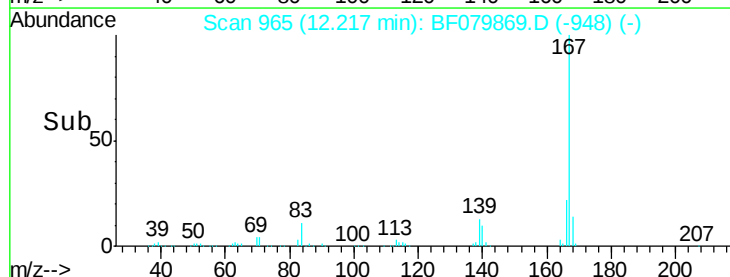
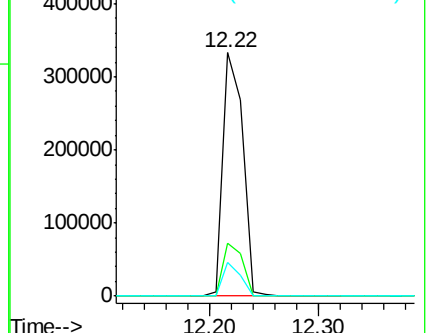
139 14.1 9.2 13.8#

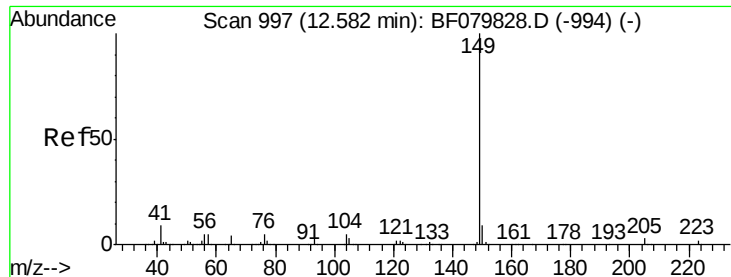


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

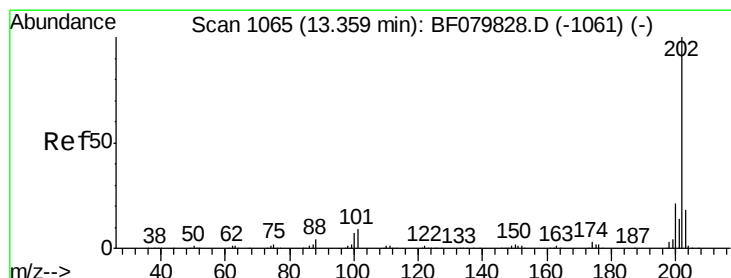
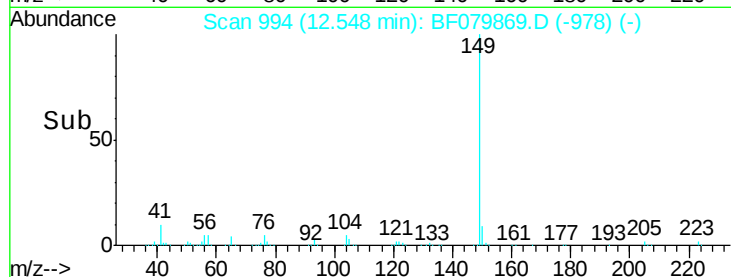
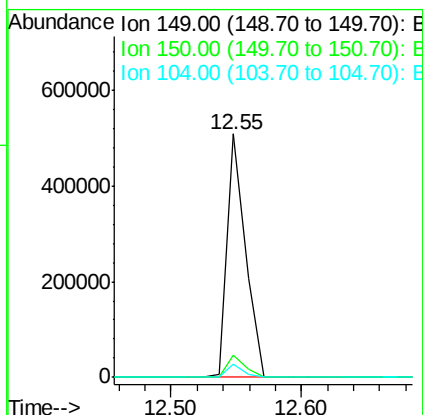
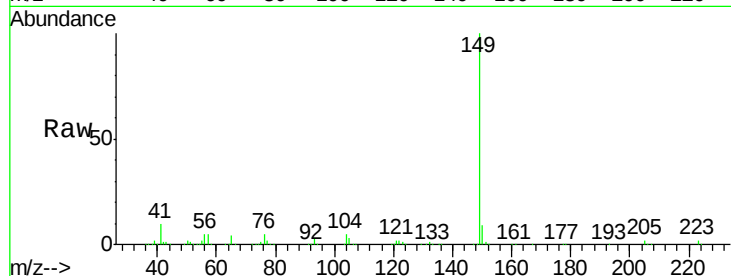




#73
Di-n-butylphthalate
Concen: 42.41 ng
RT: 12.55 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

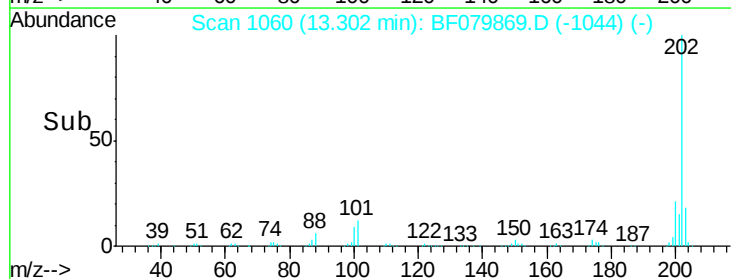
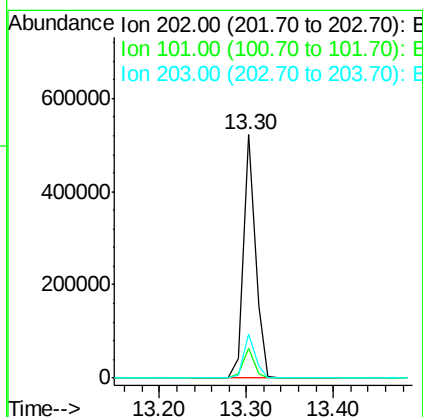
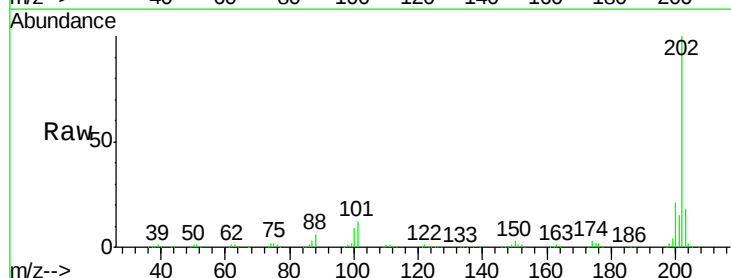
Instrument :
BNA_F
ClientSampleId :
PB83890BS

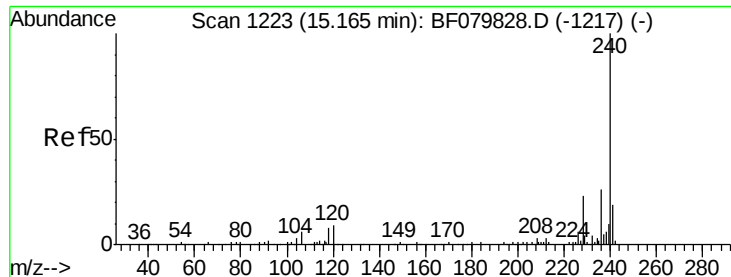
Tgt Ion:149 Resp: 496792
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.2 3.2 4.8#



#74
Fluoranthene
Concen: 38.33 ng
RT: 13.30 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:202 Resp: 500714
Ion Ratio Lower Upper
202 100
101 12.3 0.0 28.6
203 17.8 0.0 37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

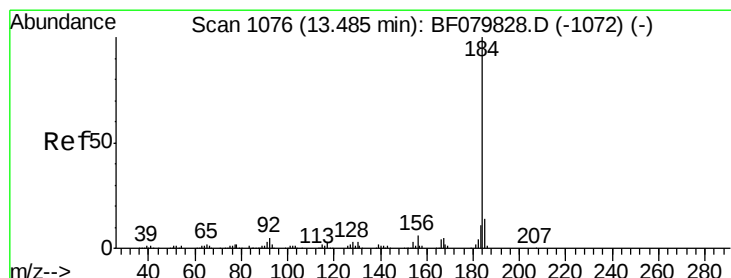
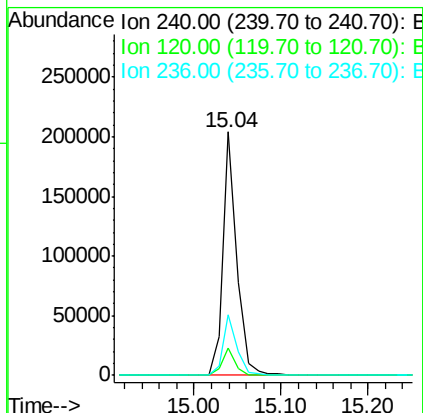
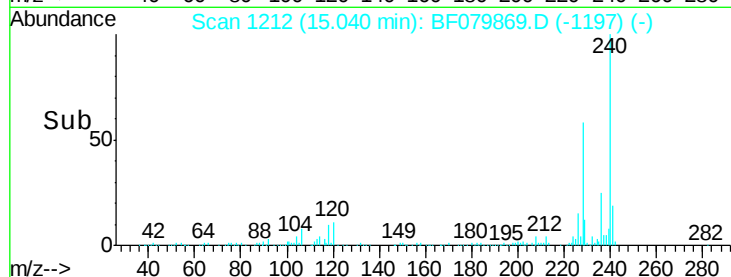
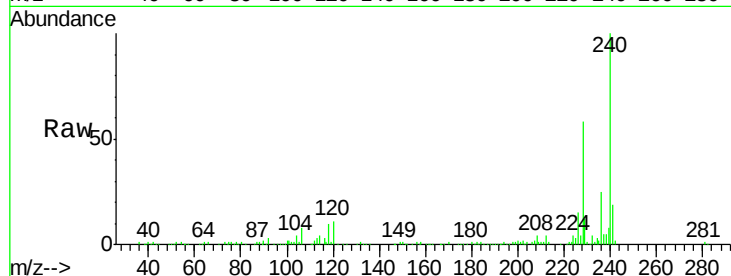
Tgt Ion:240 Resp: 228454

Ion Ratio Lower Upper

240 100

120 11.1 6.6 9.8#

236 24.9 20.2 30.4



#76

Benzidine

Concen: 37.32 ng

RT: 13.42 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

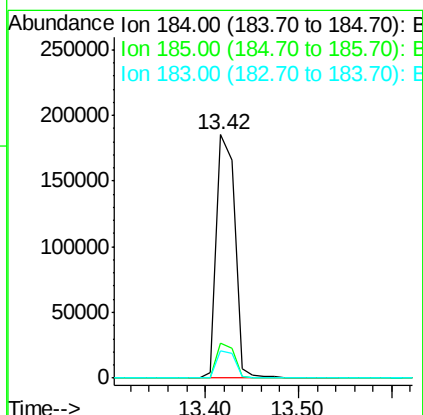
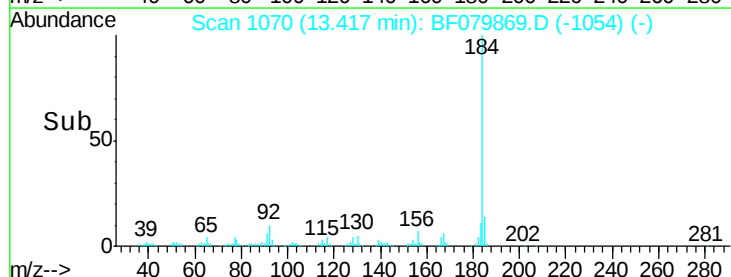
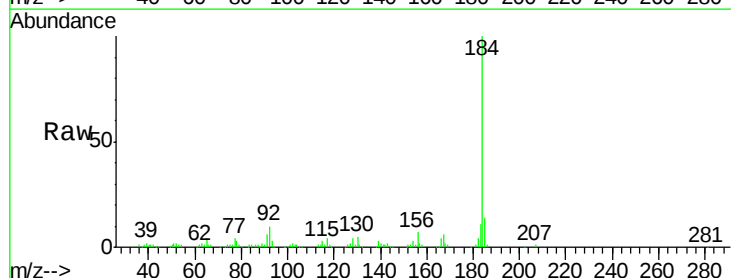
Tgt Ion:184 Resp: 254131

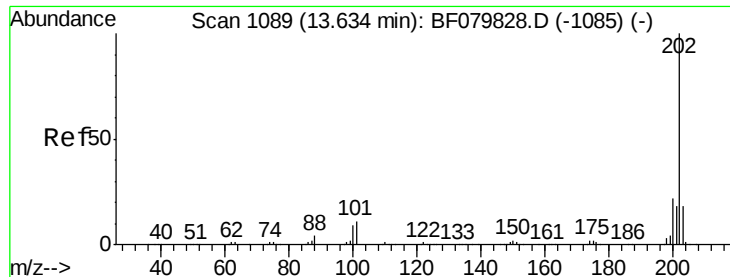
Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 11.3 9.0 13.6

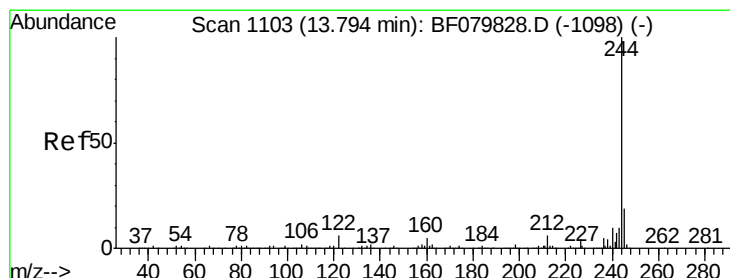
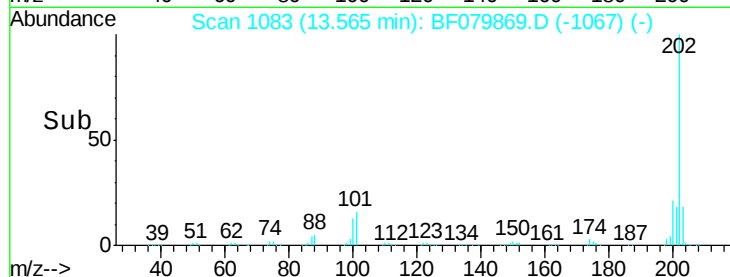
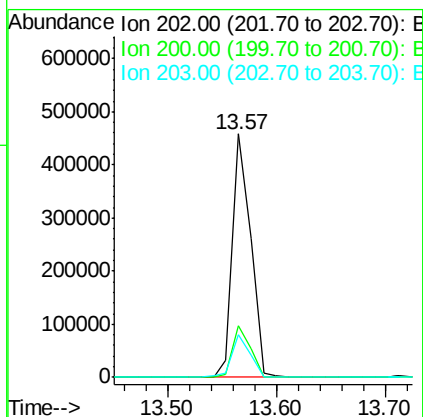
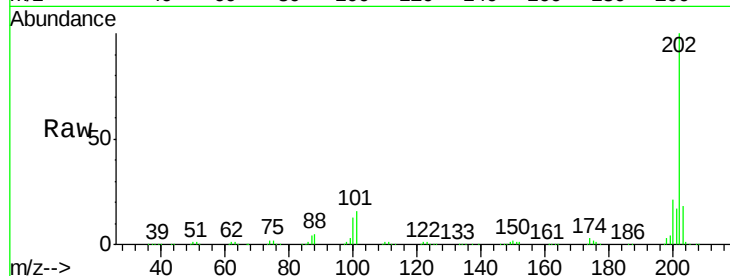




#77
 Pyrene
 Concen: 36.92 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

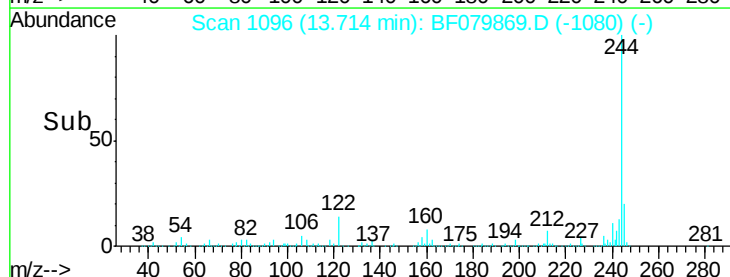
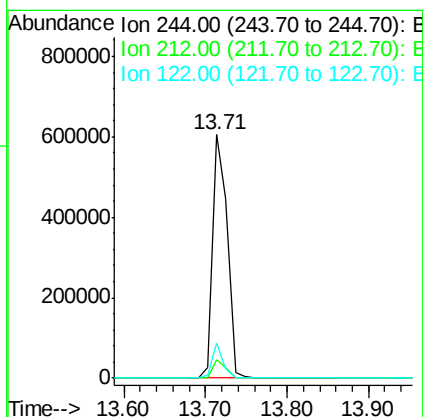
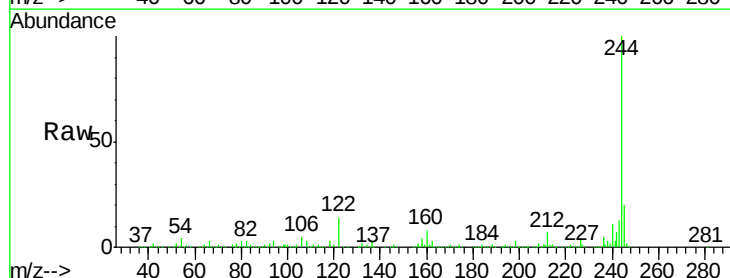
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

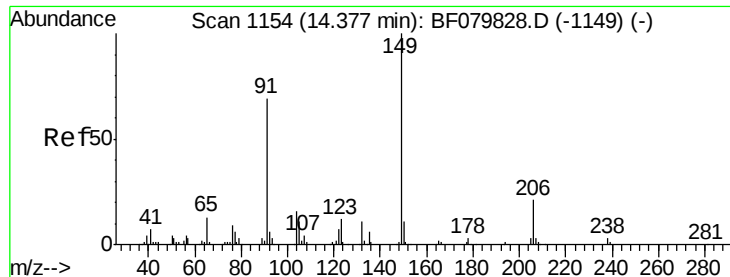
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.5	13.7	20.5



#78
 Terphenyl-d14
 Concen: 74.42 ng
 RT: 13.71 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	14.3	8.2	12.2#

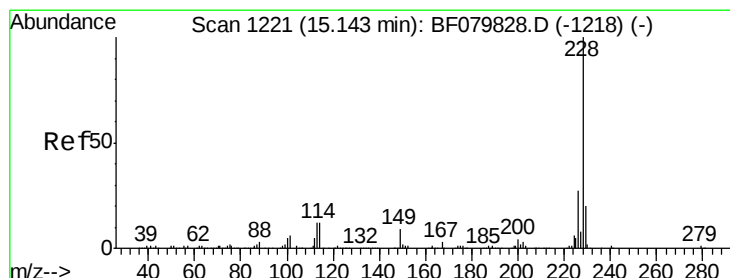
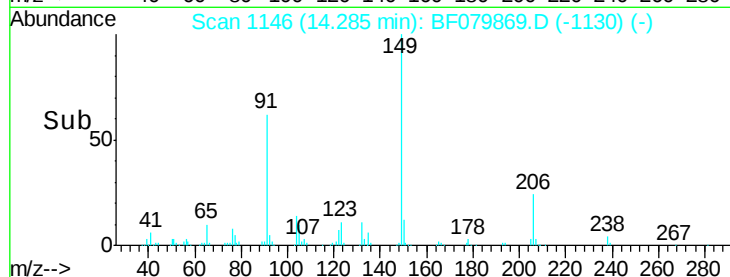
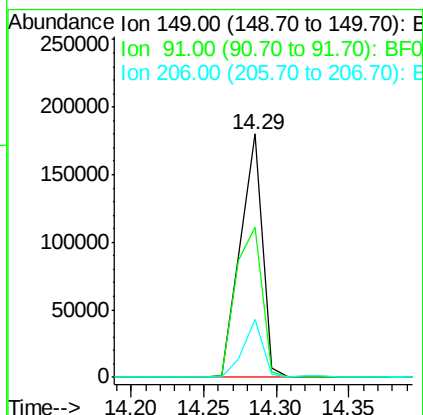
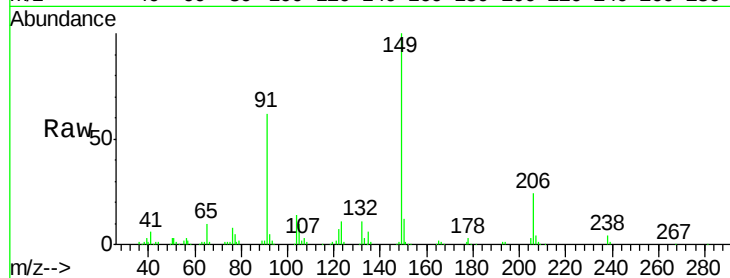




#79
Butylbenzylphthalate
Concen: 40.21 ng
RT: 14.29 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

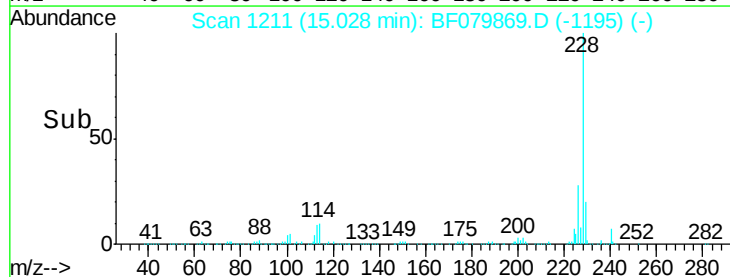
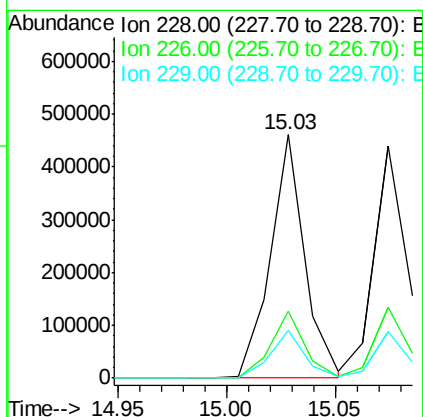
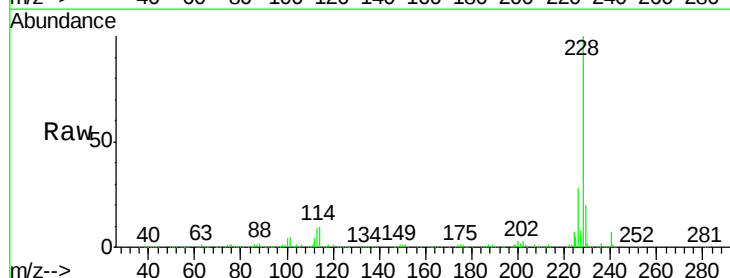
Instrument :
BNA_F
ClientSampleId :
PB83890BS

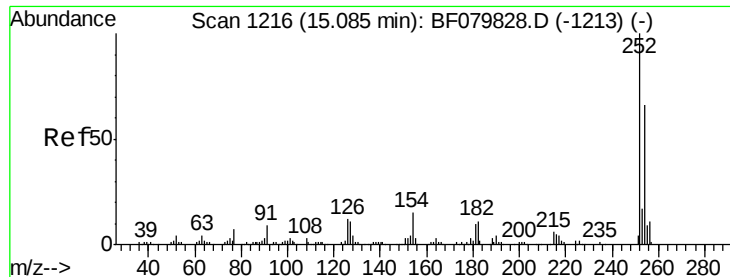
Tgt Ion:149 Resp: 191760
Ion Ratio Lower Upper
149 100
91 61.6 58.6 87.8
206 23.8 13.9 20.9#



#80
Benzo(a)anthracene
Concen: 37.56 ng
RT: 15.03 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:228 Resp: 510153
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.8 16.0 24.0

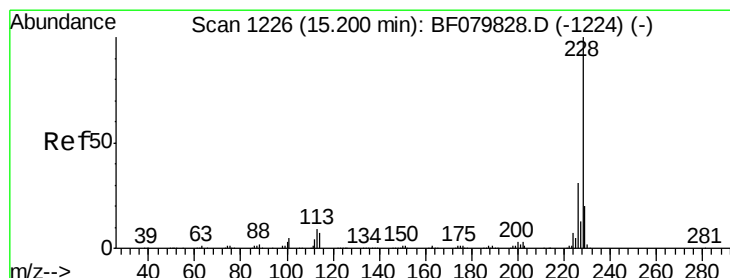
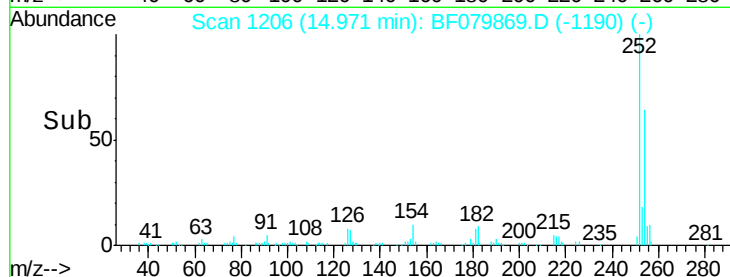
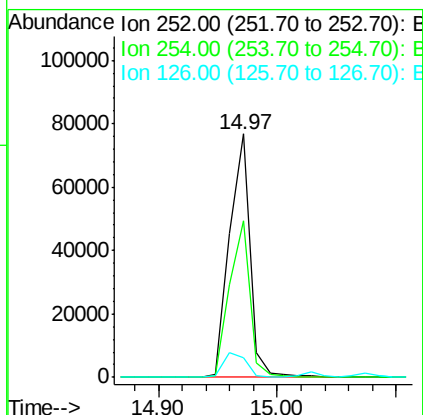
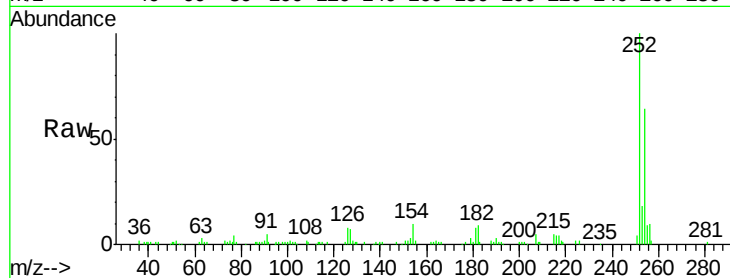




#81
 3,3'-Dichlorobenzidine
 Concen: 21.65 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

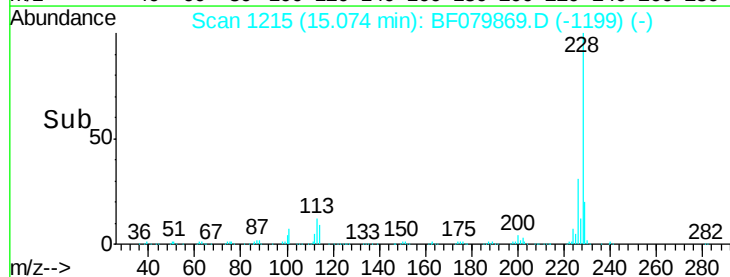
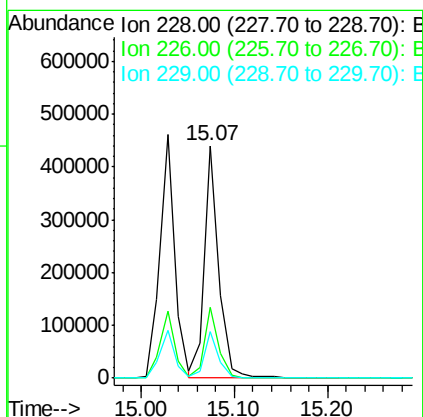
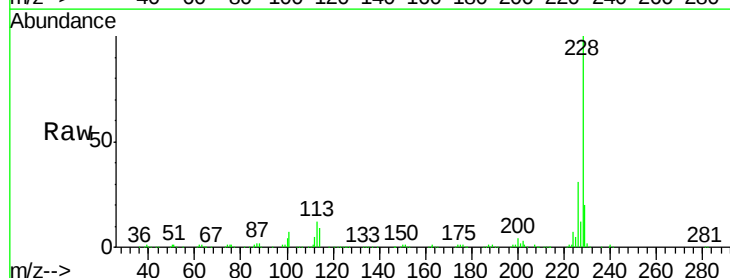
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BS

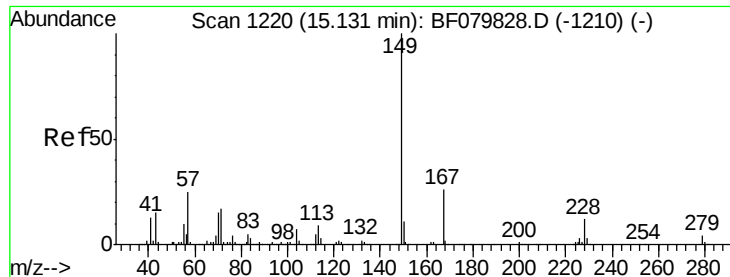
Tgt Ion:252 Resp: 91809
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.9 77.9
 126 7.8 4.7 7.1#



#82
 Chrysene
 Concen: 37.50 ng
 RT: 15.07 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF079869.D
 Acq: 10 Jun 2015 17:17

Tgt Ion:228 Resp: 477852
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.5 35.3
 229 20.2 15.4 23.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.50 ng

RT: 15.01 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

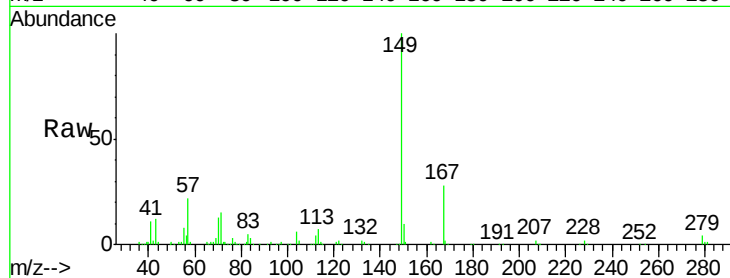
Tgt Ion:149 Resp: 305825

Ion Ratio Lower Upper

149 100

167 27.7 18.7 28.1

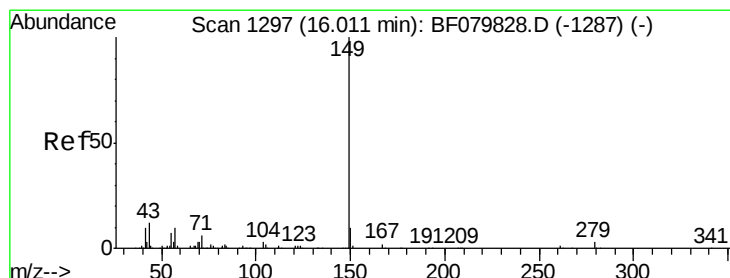
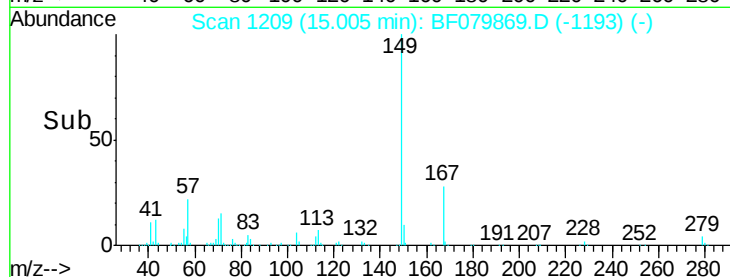
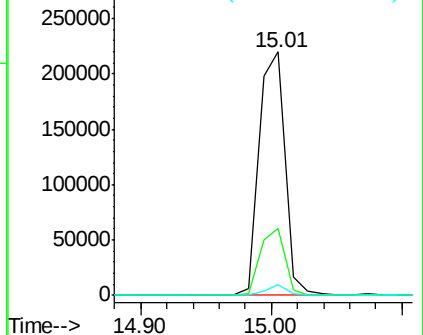
279 4.3 1.7 2.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.45 ng

RT: 15.85 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

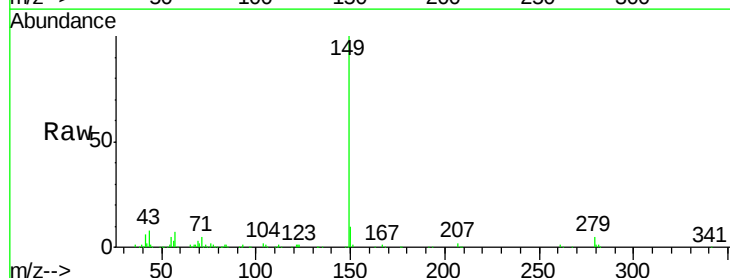
Tgt Ion:149 Resp: 485804

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

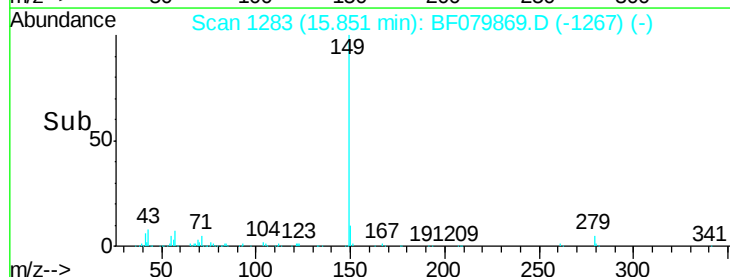
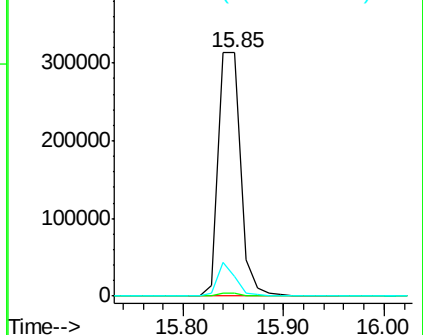
43 11.3 7.7 11.5

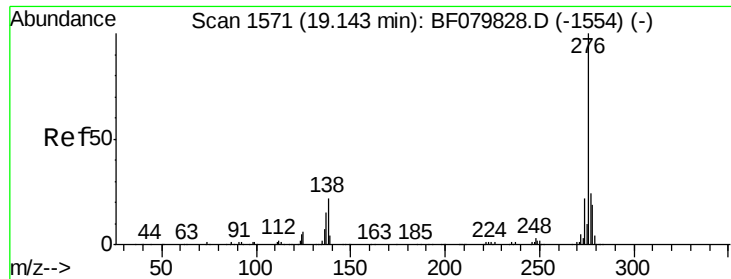


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.15 ng

RT: 18.94 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

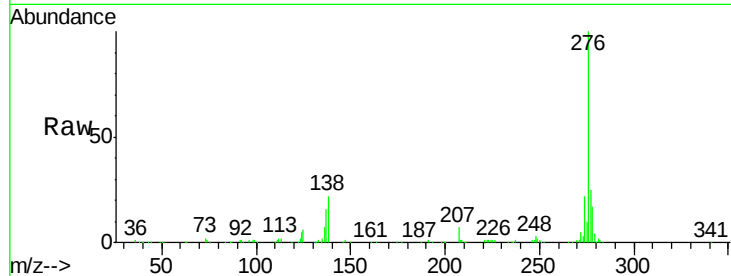
Tgt Ion:276 Resp: 500062

Ion Ratio Lower Upper

276 100

138 25.9 19.4 29.2

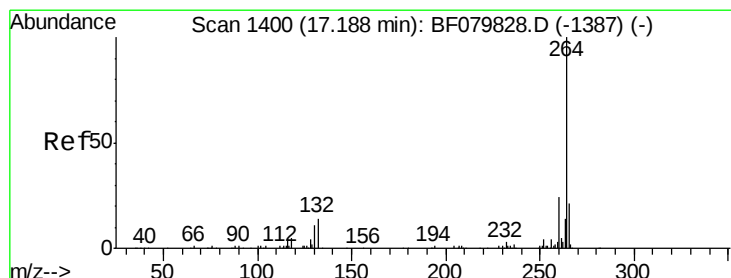
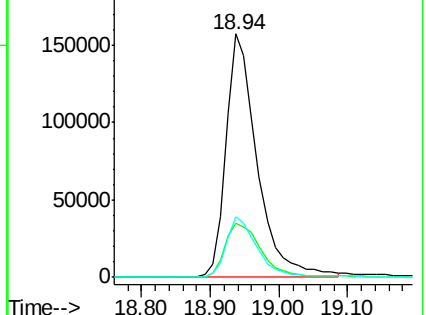
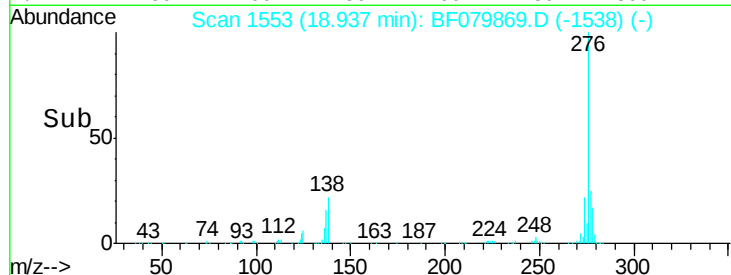
277 25.1 19.6 29.4



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: 17.01 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

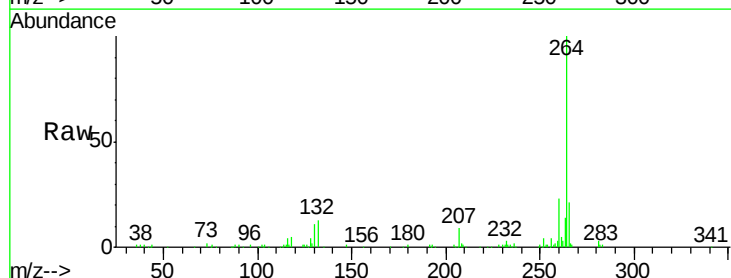
Tgt Ion:264 Resp: 205531

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

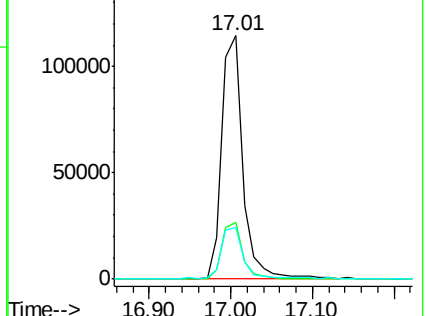
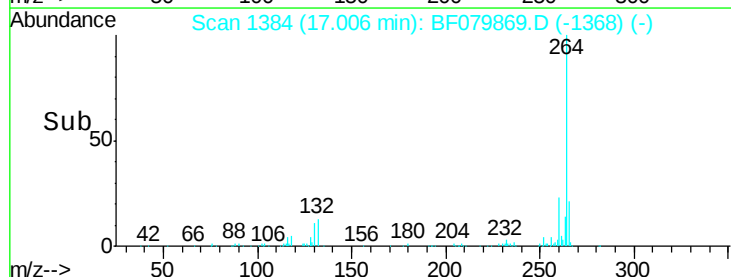
265 21.1 18.0 27.0

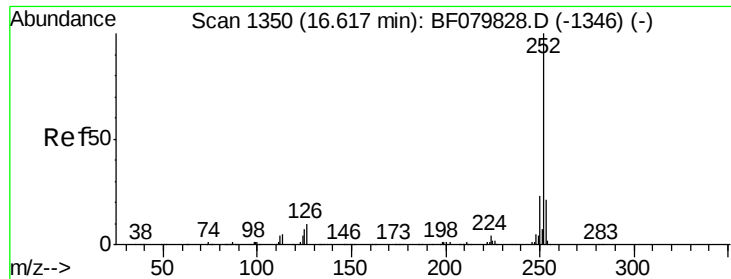


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

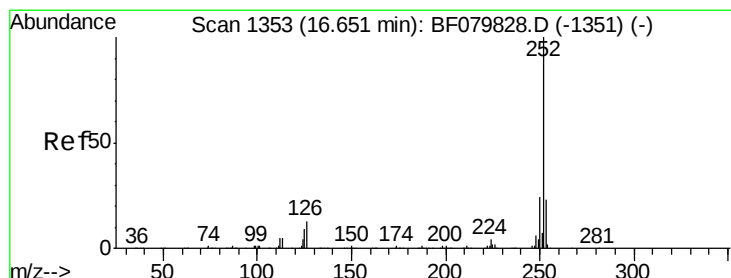
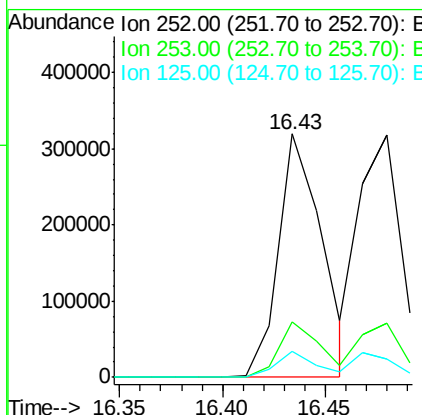
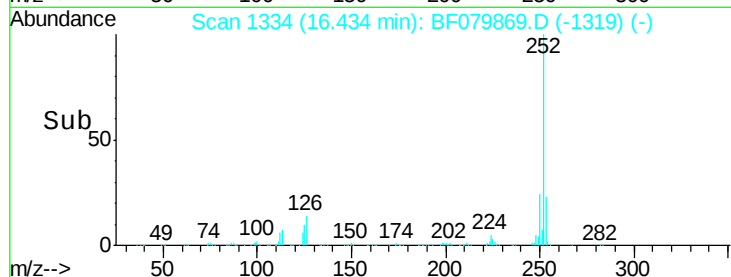
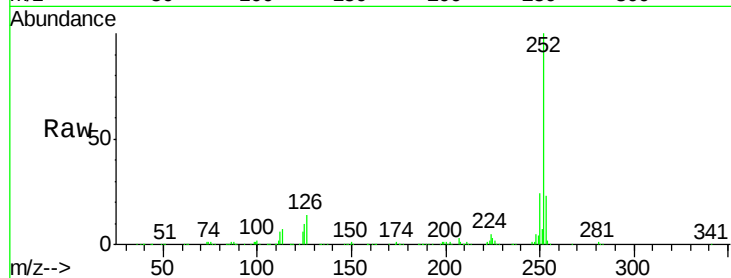




#87
Benzo(b)fluoranthene
Concen: 38.29 ng m
RT: 16.43 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

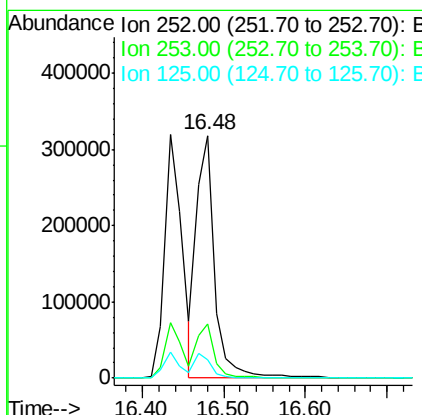
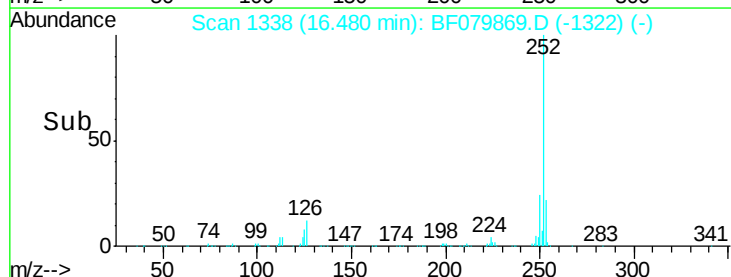
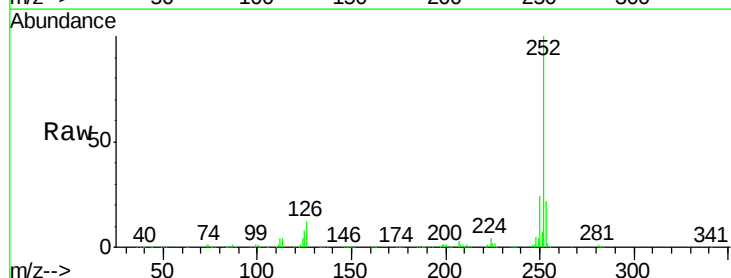
Instrument :
BNA_F
ClientSampleId :
PB83890BS

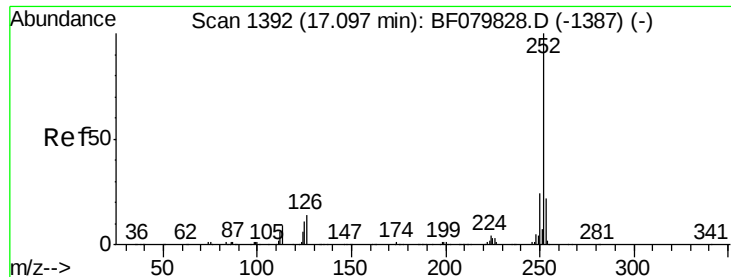
Tgt Ion:252 Resp: 468407
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.5 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 38.60 ng
RT: 16.48 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF079869.D
Acq: 10 Jun 2015 17:17

Tgt Ion:252 Resp: 493655
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.7 6.3 9.5





#89

Benzo(a)pyrene

Concen: 40.36 ng

RT: 16.91 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

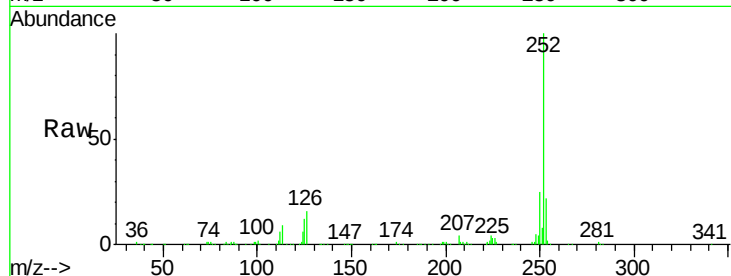
Tgt Ion:252 Resp: 466621

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

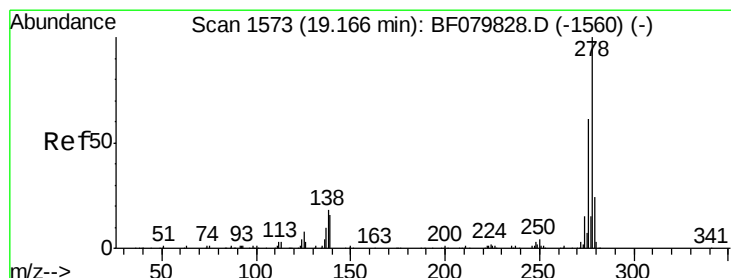
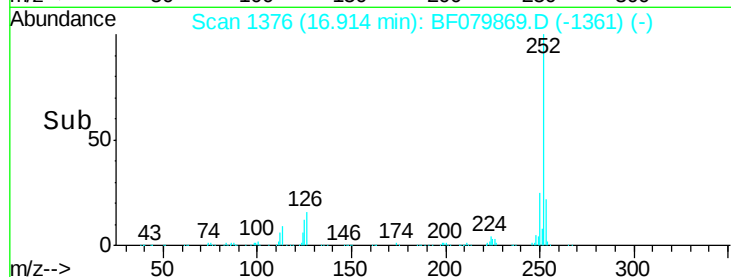
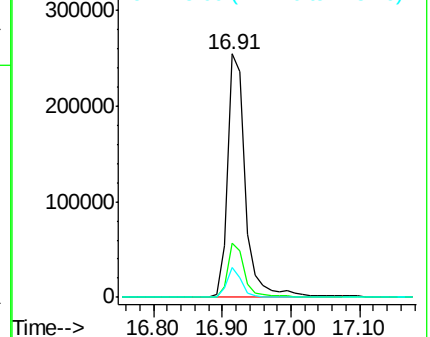
125 12.1 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.60 ng

RT: 18.96 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

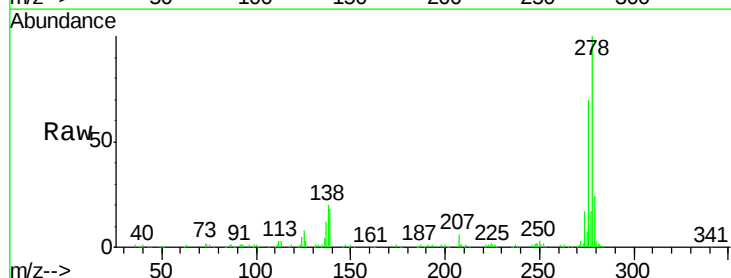
Tgt Ion:278 Resp: 413390

Ion Ratio Lower Upper

278 100

139 18.3 11.0 16.4#

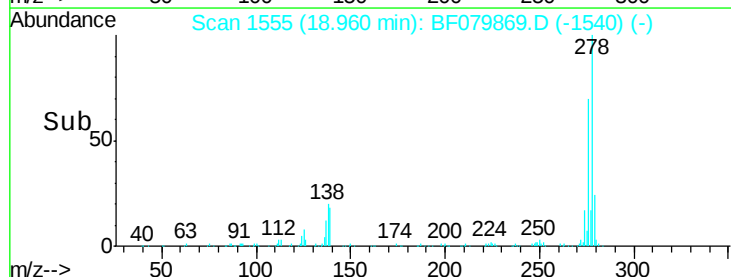
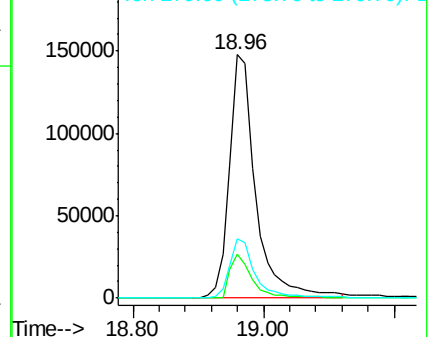
279 24.3 17.9 26.9

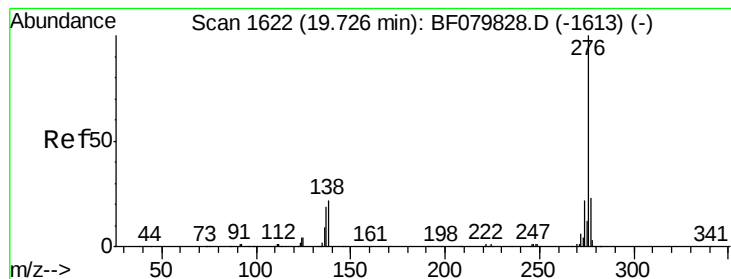


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.76 ng

RT: 19.52 min Scan# 1604

Delta R.T. -0.03 min

Lab File: BF079869.D

Acq: 10 Jun 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83890BS

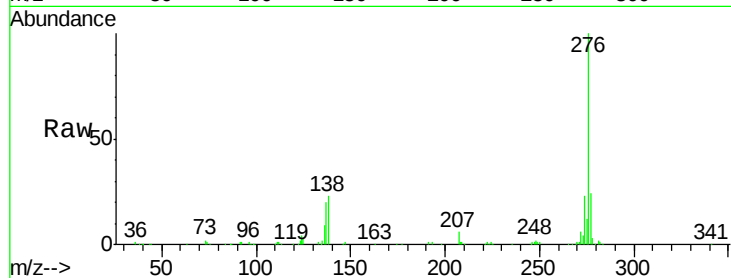
Tgt Ion: 276 Resp: 426819

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 22.6 15.8 23.6



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

