

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031115\
 Data File : BF077699.D
 Acq On : 11 Mar 2015 20:58
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Quant Time: Mar 12 03:51:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51678	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	215320	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114072	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	214538	20.00	ng	0.00
75) Chrysene-d12	16.03	240	253515	20.00	ng	0.00
86) Perylene-d12	17.73	264	235497	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	245770	83.01	ng	0.00
7) Phenol-d6	6.74	99	315995	86.39	ng	0.00
23) Nitrobenzene-d5	7.86	82	221273	67.36	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	86593	79.34	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	520015	66.99	ng	0.00
78) Terphenyl-d14	14.75	244	702375	67.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	47803	35.56	ng	# 100
3) Pyridine	2.76	79	145210	40.21	ng	99
4) n-Nitrosodimethylamine	2.69	42	63976	40.68	ng	95
6) Aniline	6.75	93	105077	20.08	ng	# 1
8) 2-Chlorophenol	6.90	128	149433	42.40	ng	98
9) Benzaldehyde	6.61	77	17227	11.50	ng	100
10) Phenol	6.75	94	182776	42.27	ng	87
11) bis(2-Chloroethyl)ether	6.86	93	135822	41.94	ng	97
12) 1,3-Dichlorobenzene	7.09	146	156809	40.01	ng	99
13) 1,4-Dichlorobenzene	7.20	146	153710	37.74	ng	99
14) 1,2-Dichlorobenzene	7.38	146	142882	38.27	ng	99
15) Benzyl Alcohol	7.36	79	118076	41.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	171969	39.40	ng	98
17) 2-Methylphenol	7.50	107	123773	43.14	ng	98
18) Hexachloroethane	7.79	117	54377	40.71	ng	96
19) n-Nitroso-di-n-propylamine	7.69	70	96707	38.22	ng	99
20) 3+4-Methylphenols	7.70	107	159320	42.32	ng	96
22) Acetophenone	7.68	105	192913	40.47	ng	# 99
24) Nitrobenzene	7.88	77	138031	39.01	ng	99
25) Isophorone	8.19	82	262016	39.50	ng	96
26) 2-Nitrophenol	8.28	139	73392	42.36	ng	96
27) 2,4-Dimethylphenol	8.35	122	134462	42.60	ng	100
28) bis(2-Chloroethoxy)methane	8.46	93	167104	41.50	ng	99
29) 2,4-Dichlorophenol	8.58	162	131394	43.67	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	133366	39.62	ng	98
31) Naphthalene	8.77	128	434194	39.26	ng	99
32) Benzoic acid	8.46	122	74845	42.87	ng	92
33) 4-Chloroaniline	8.85	127	81564	18.17	ng	97
34) Hexachlorobutadiene	8.93	225	72816	38.17	ng	98
35) Caprolactam	9.26	113	38045	43.27	ng	95
36) 4-Chloro-3-methylphenol	9.46	107	134037	44.28	ng	96
37) 2-Methylnaphthalene	9.63	142	308533	41.53	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	135020	39.68	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	133676	78.54	ng	99

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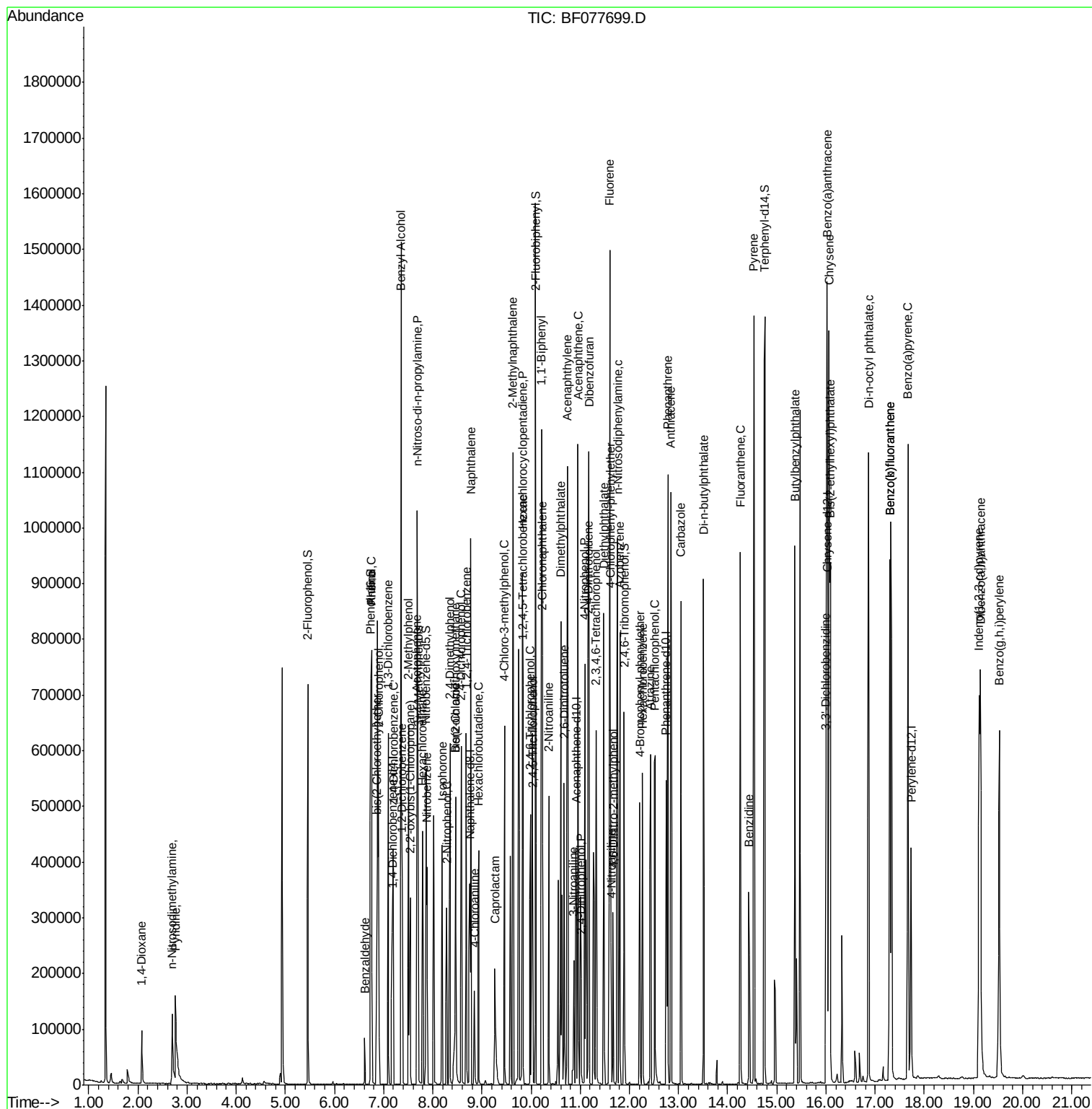
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	93521	39.68	ng	99
43) 2,4,5-Trichlorophenol	10.03	196	100822	39.60	ng	99
45) 1,1'-Biphenyl	10.21	154	384104	42.12	ng	98
46) 2-Chloronaphthalene	10.22	162	277074	37.39	ng	# 91
47) 2-Nitroaniline	10.36	65	77433	42.07	ng	100
48) Acenaphthylene	10.74	152	459373	37.28	ng	100
49) Dimethylphthalate	10.60	163	343994	40.66	ng	100
50) 2,6-Dinitrotoluene	10.67	165	74233	42.33	ng	95
51) Acenaphthene	10.96	154	264585	37.45	ng	99
52) 3-Nitroaniline	10.86	138	47356	23.25	ng	# 73
53) 2,4-Dinitrophenol	11.01	184	57063	87.71	ng	# 62
54) Dibenzofuran	11.17	168	425563	40.61	ng	99
55) 4-Nitrophenol	11.09	139	132635	87.91	ng	88
56) 2,4-Dinitrotoluene	11.16	165	99300	43.42	ng	95
57) Fluorene	11.60	166	343716	39.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	81134	41.38	ng	# 100
59) Diethylphthalate	11.48	149	343413	41.66	ng	100
60) 4-Chlorophenyl-phenylether	11.61	204	158803	39.99	ng	98
61) 4-Nitroaniline	11.63	138	77364	38.11	ng	99
62) Azobenzene	11.80	77	316376	40.16	ng	98
64) 4,6-Dinitro-2-methylphenol	11.66	198	41493	41.59	ng	96
65) n-Nitrosodiphenylamine	11.76	169	300853	42.11	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	97340	42.52	ng	98
67) Hexachlorobenzene	12.27	284	106328	42.27	ng	95
68) Atrazine	12.43	200	98645	49.27	ng	99
69) Pentachlorophenol	12.52	266	114935	86.95	ng	97
70) Phenanthrene	12.79	178	508718	41.31	ng	100
71) Anthracene	12.84	178	490978	40.35	ng	100
72) Carbazole	13.05	167	461936	39.91	ng	100
73) Di-n-butylphthalate	13.51	149	546409	42.10	ng	100
74) Fluoranthene	14.26	202	562439	41.40	ng	99
76) Benzidine	14.43	184	176812	28.05	ng	99
77) Pyrene	14.53	202	614203	38.53	ng	99
79) Butylbenzylphthalate	15.37	149	261282	41.57	ng	100
80) Benzo(a)anthracene	16.02	228	585894	38.99	ng	100
81) 3,3'-Dichlorobenzidine	16.00	252	117784	23.76	ng	98
82) Chrysene	16.07	228	555926	41.14	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	398911	41.90	ng	100
84) Di-n-octyl phthalate	16.87	149	664353	40.81	ng	99
85) Indeno(1,2,3-cd)pyrene	19.12	276	563532	33.41	ng	# 100
87) Benzo(b)fluoranthene	17.30	252	584614	38.03	ng	# 95
88) Benzo(k)fluoranthene	17.30	252	584572	48.68	ng	98
89) Benzo(a)pyrene	17.67	252	547437	42.68	ng	# 96
90) Dibenzo(a,h)anthracene	19.14	278	471857	37.09	ng	97
91) Benzo(g,h,i)perylene	19.53	276	473292	36.54	ng	98

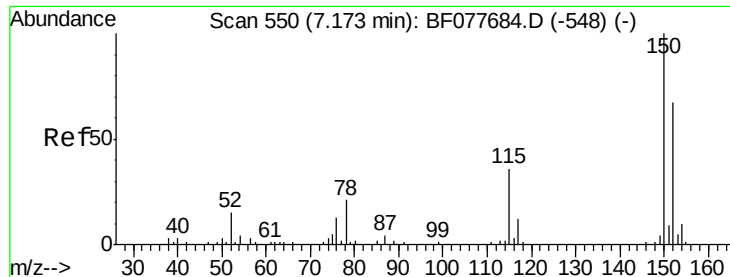
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

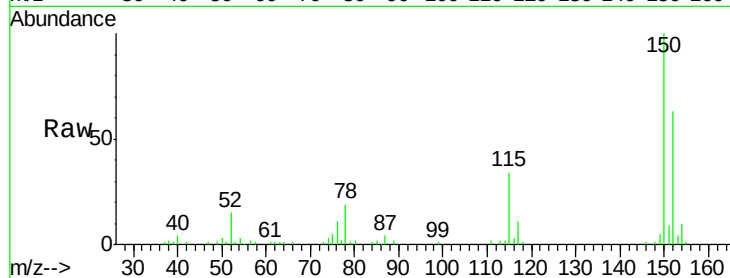
Tgt Ion:152 Resp: 51678

Ion Ratio Lower Upper

152 100

150 158.8 119.5 179.3

115 54.1 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

100000

80000

60000

40000

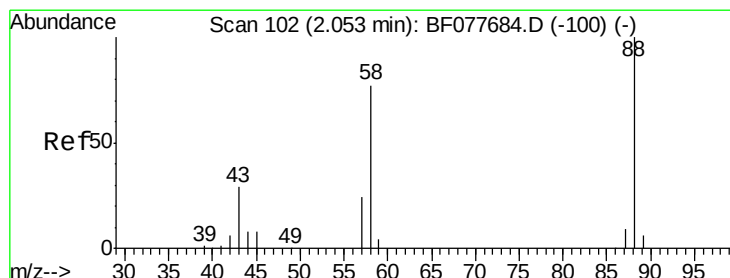
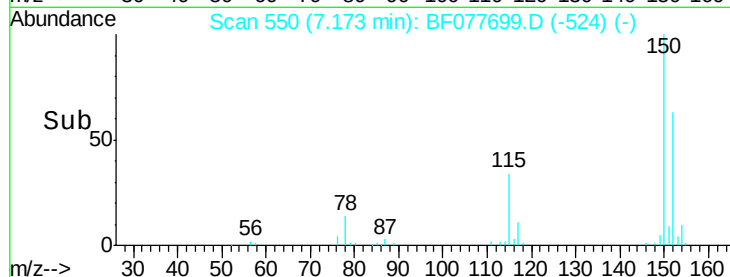
20000

0

7.15

7.20

Time-->



#2

1,4-Dioxane

Concen: 35.56 ng

RT: 2.08 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

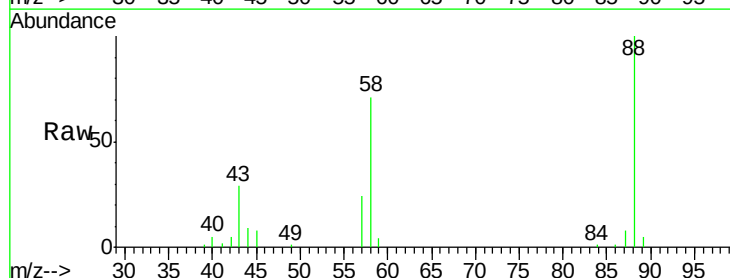
Tgt Ion: 88 Resp: 47803

Ion Ratio Lower Upper

88 100

58 70.8 0.0 0.0#

43 26.1 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

50000

40000

30000

20000

10000

0

2.00

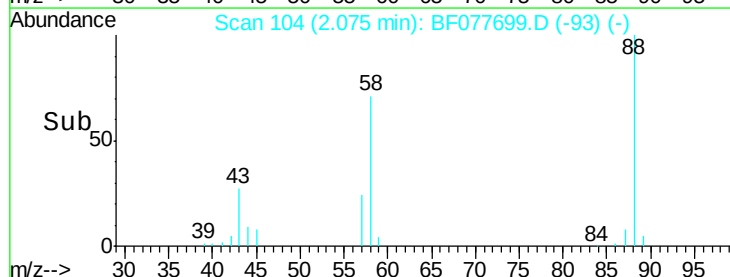
2.05

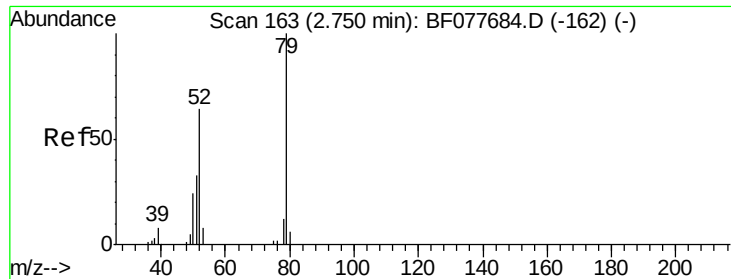
2.10

2.15

2.20

Time-->





#3

Pyridine

Concen: 40.21 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

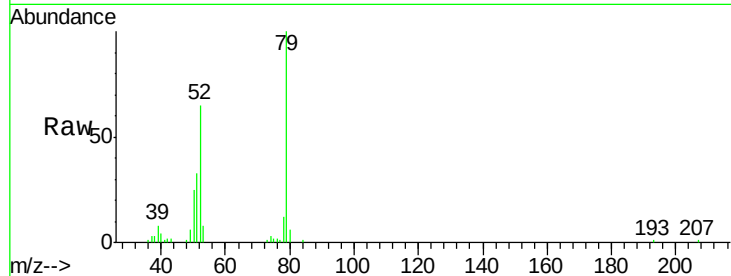
Tgt Ion: 79 Resp: 145210

Ion Ratio Lower Upper

79 100

52 65.0 51.1 76.7

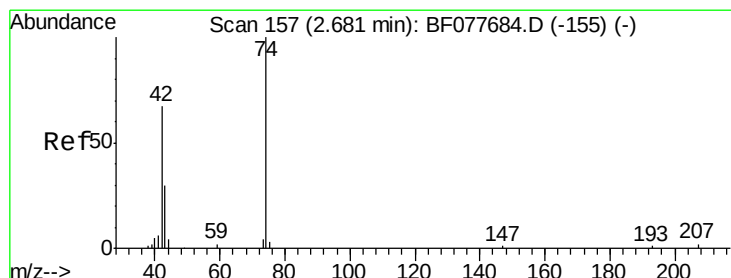
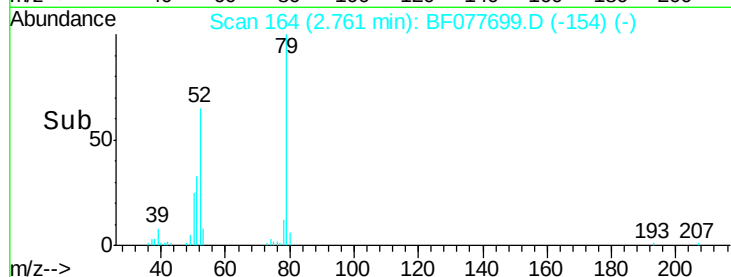
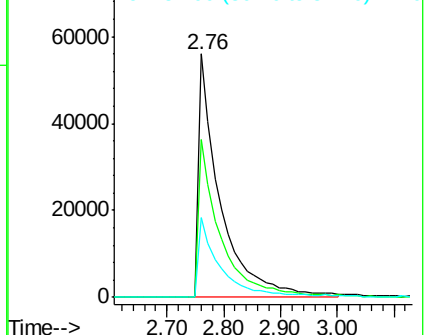
51 32.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

RT: 2.69 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

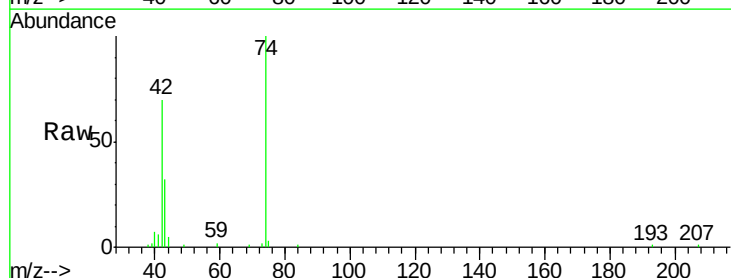
Tgt Ion: 42 Resp: 63976

Ion Ratio Lower Upper

42 100

74 142.2 119.3 178.9

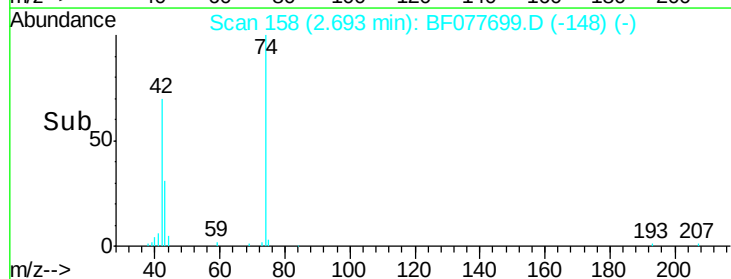
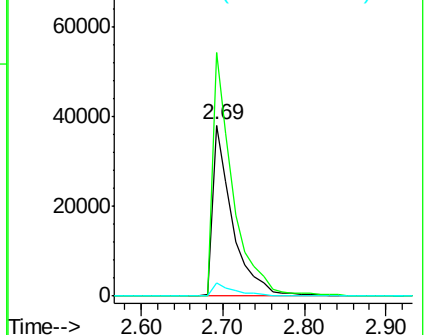
44 7.4 5.4 8.2

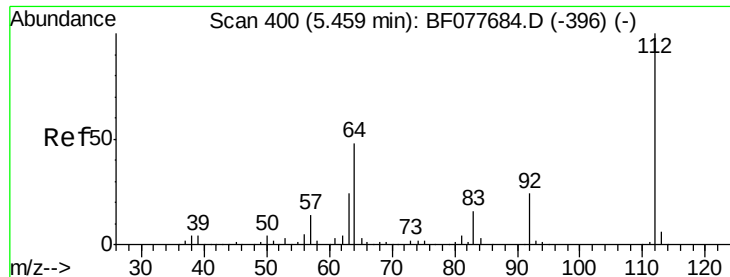


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.01 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

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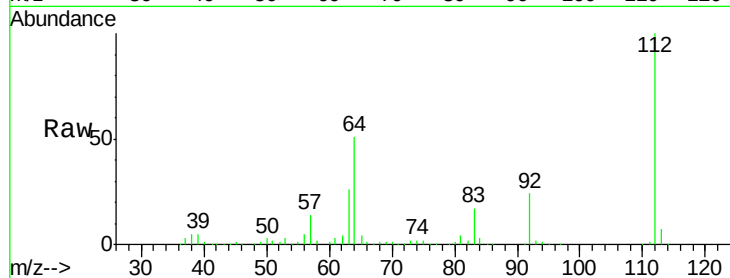
Tgt Ion: 112 Resp: 245770

Ion Ratio Lower Upper

112 100

64 50.8 38.6 57.8

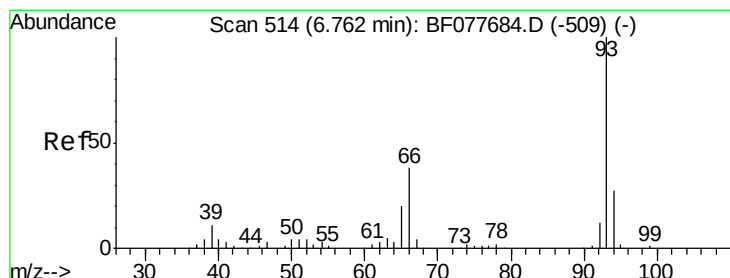
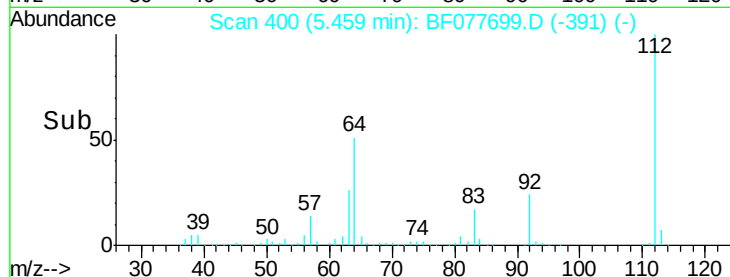
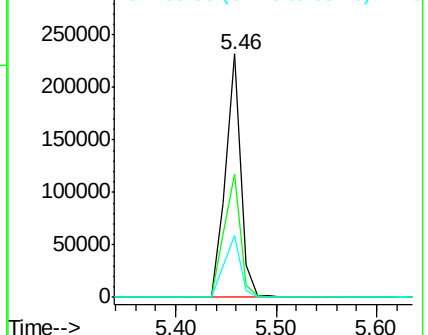
63 25.6 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.08 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

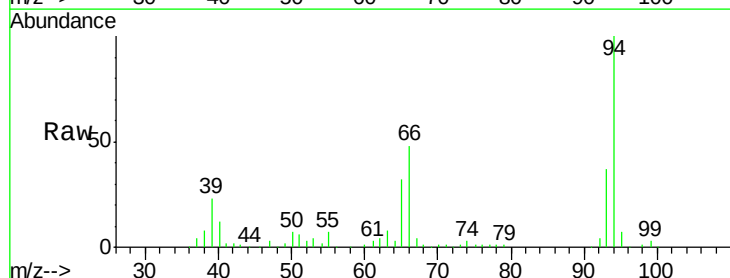
Tgt Ion: 93 Resp: 105077

Ion Ratio Lower Upper

93 100

66 132.4 30.8 46.2#

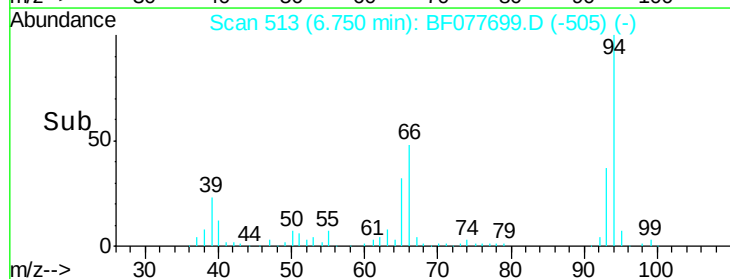
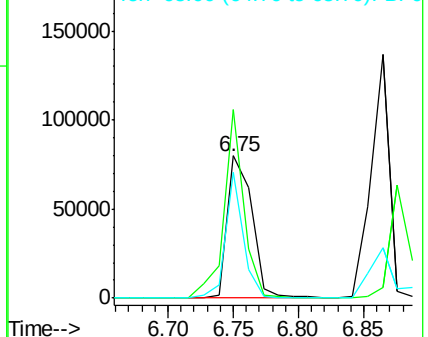
65 88.2 16.0 24.0#

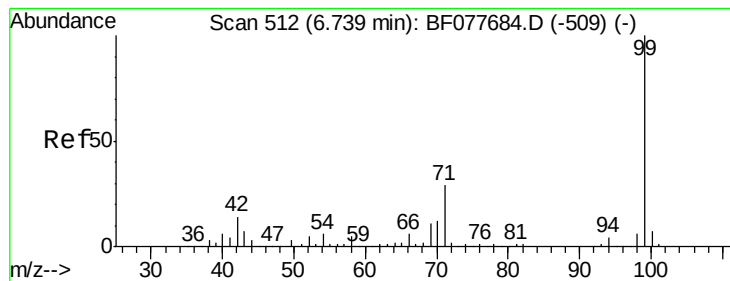


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.39 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077699.D

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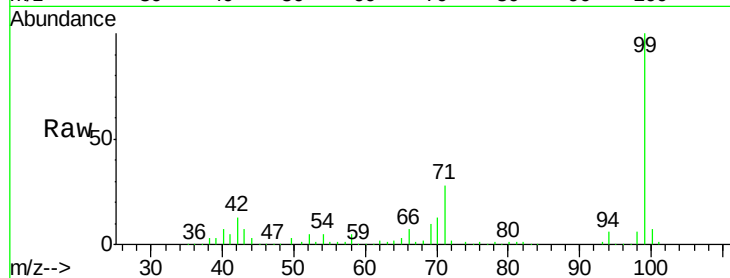
Tgt Ion: 99 Resp: 315995

Ion Ratio Lower Upper

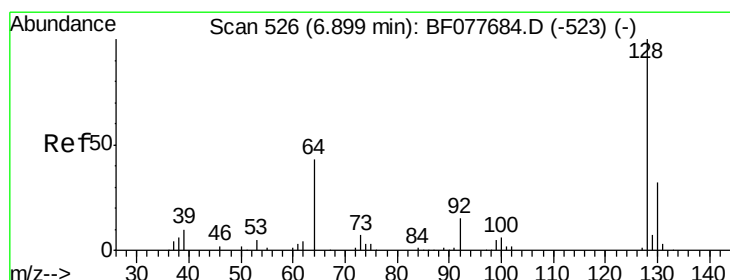
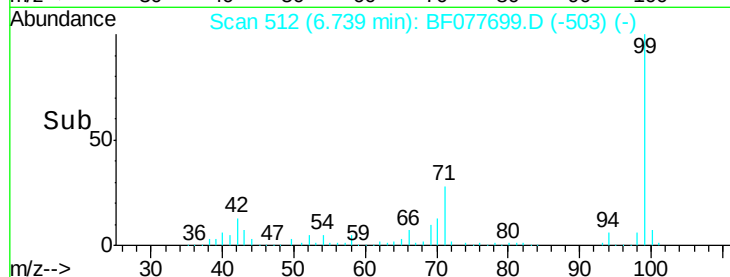
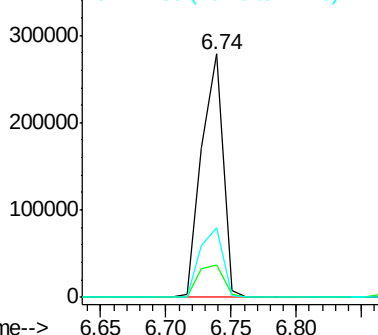
99 100

42 13.1 11.0 16.4

71 28.4 23.4 35.2



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



#8

2-Chlorophenol

Concen: 42.40 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

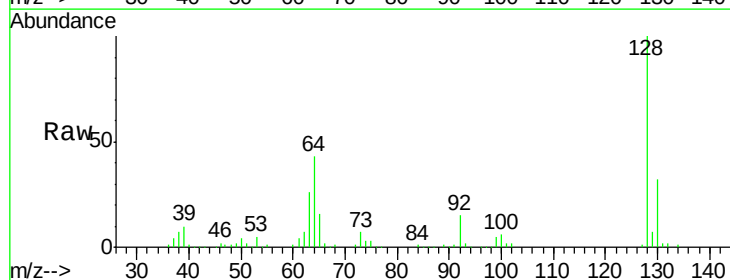
Tgt Ion: 128 Resp: 149433

Ion Ratio Lower Upper

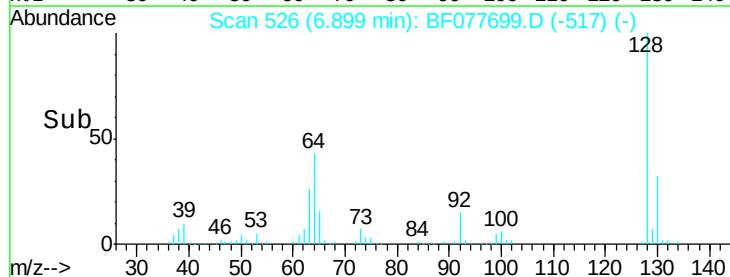
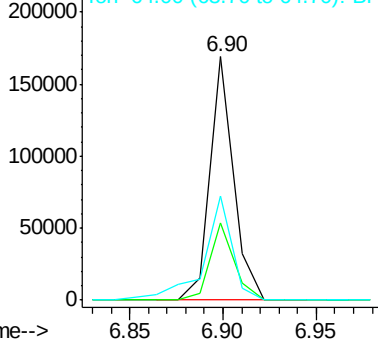
128 100

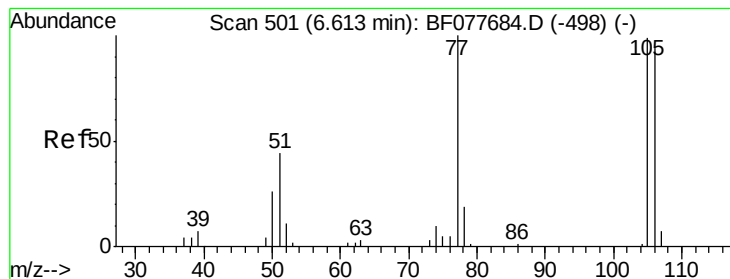
130 31.7 12.0 52.0

64 42.6 24.9 64.9



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: 11.50 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

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PB81894BSD

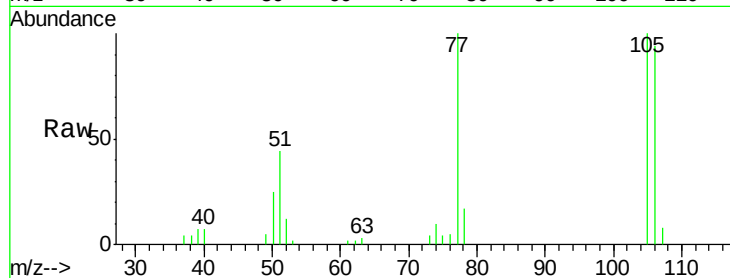
Tgt Ion: 77 Resp: 17227

Ion Ratio Lower Upper

77 100

105 99.6 78.8 118.8

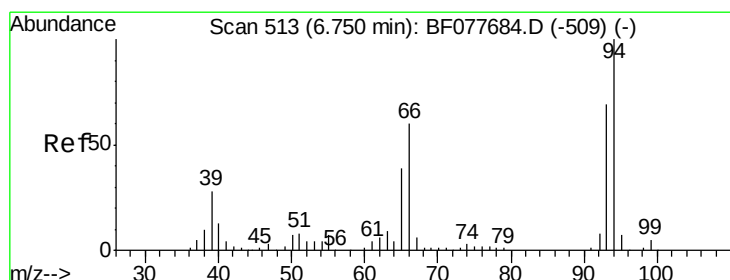
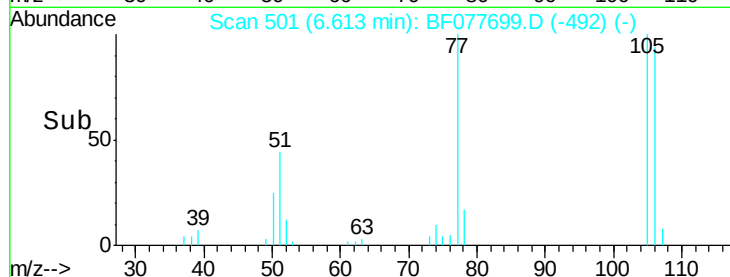
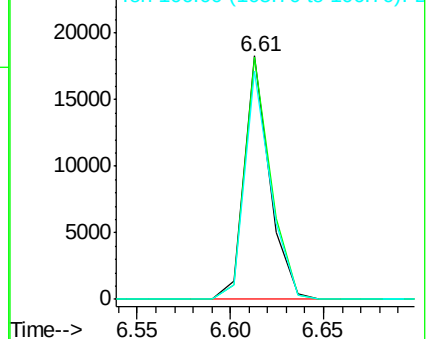
106 93.7 73.7 113.7



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: 42.27 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

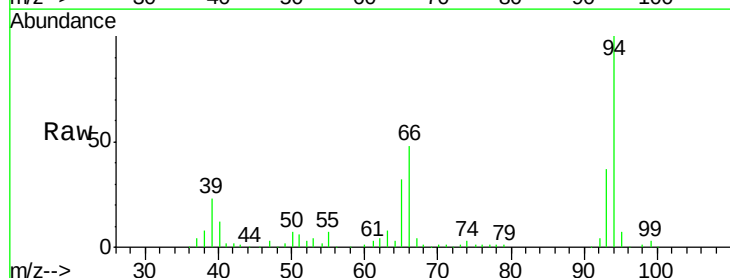
Tgt Ion: 94 Resp: 182776

Ion Ratio Lower Upper

94 100

65 32.2 18.8 58.8

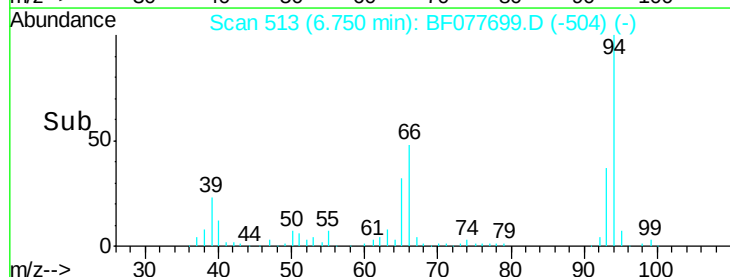
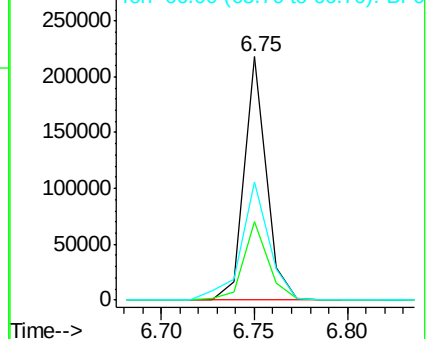
66 48.4 39.9 79.9

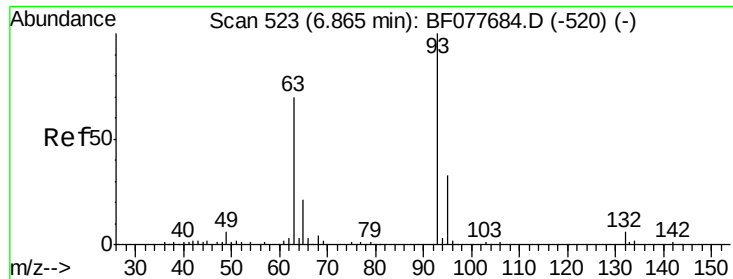


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

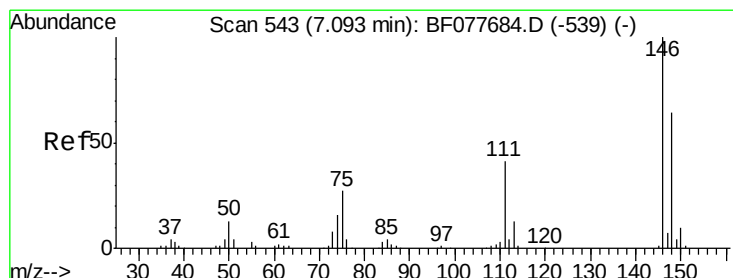
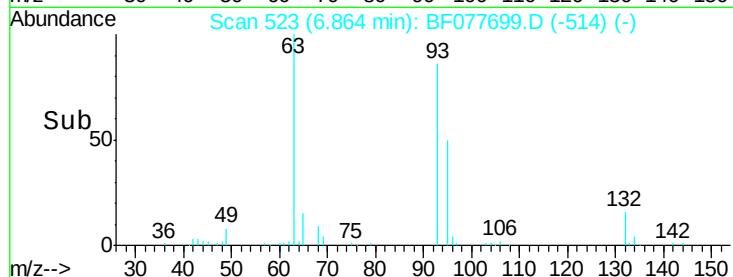
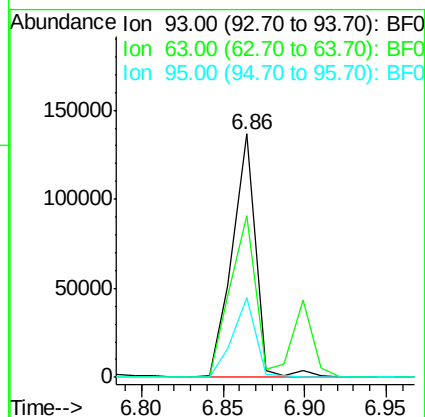
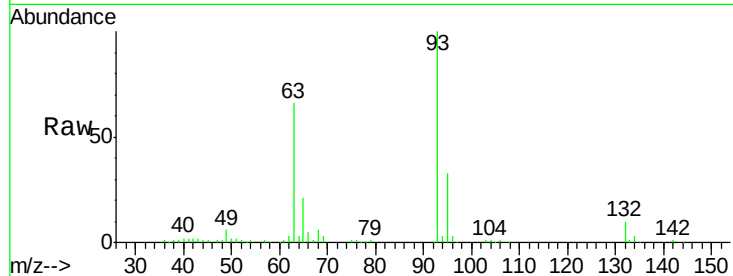




#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

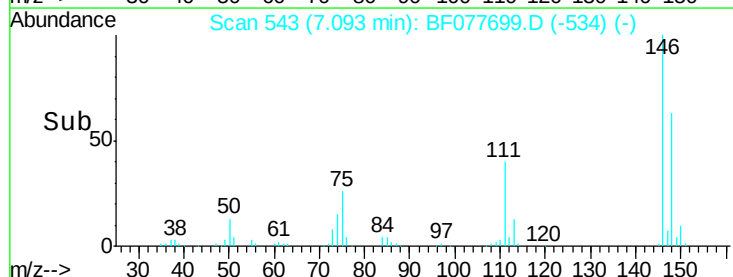
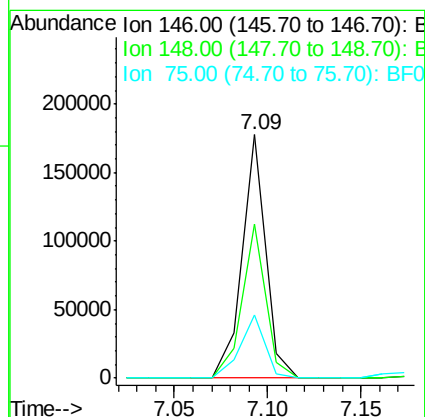
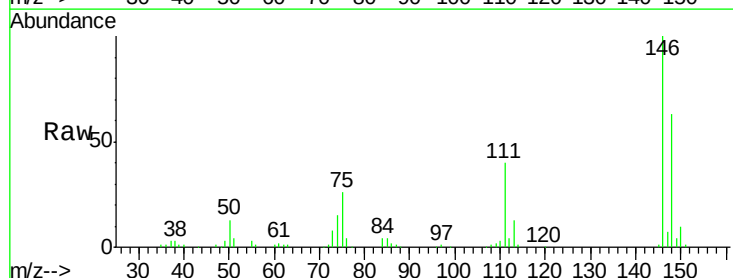
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

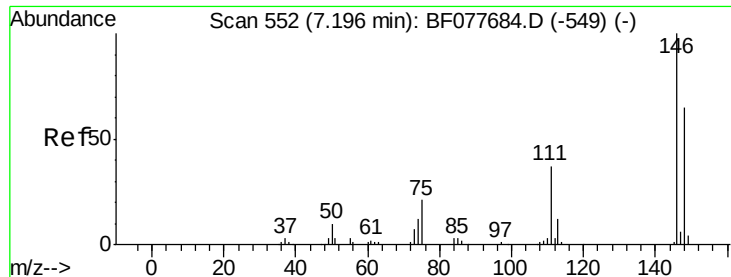
Tgt Ion: 93 Resp: 135822
Ion Ratio Lower Upper
93 100
63 66.4 49.5 89.5
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.01 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion: 146 Resp: 156809
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 25.8 21.4 32.2

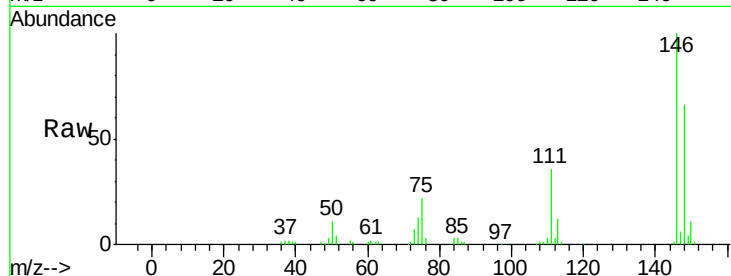




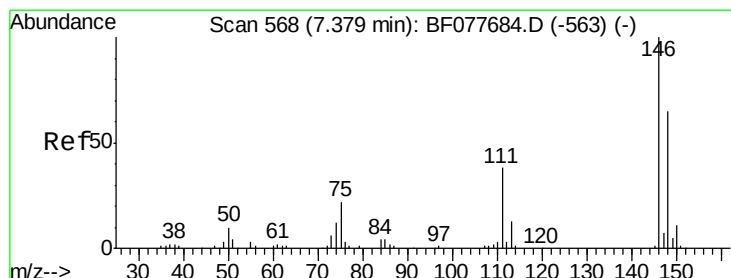
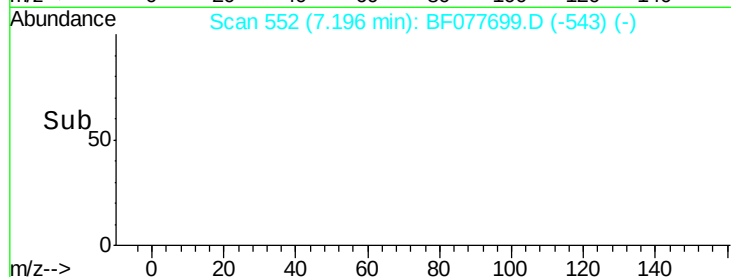
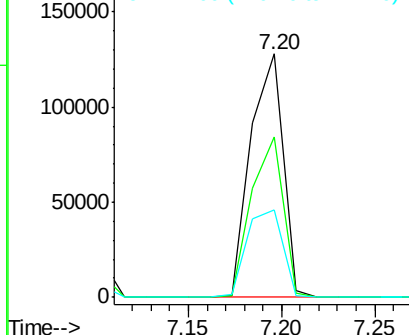
#13
 1,4-Dichlorobenzene
 Concen: 37.74 ng
 RT: 7.20 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:146 Resp: 153710
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 35.8 29.2 43.8

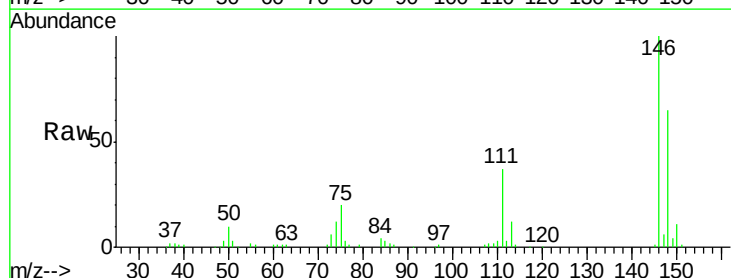


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

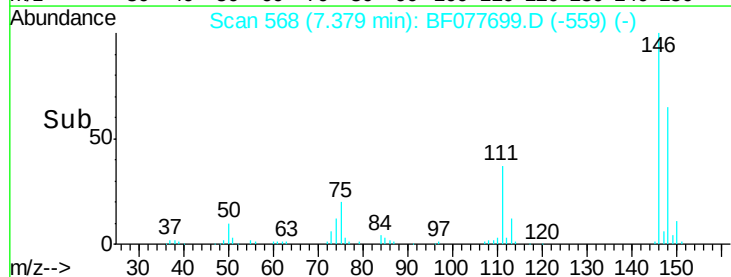
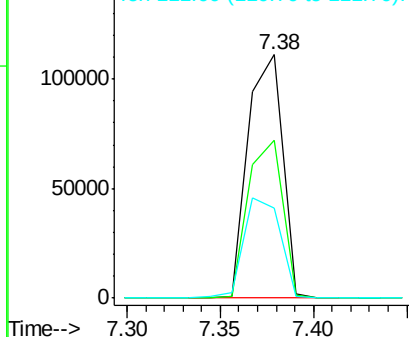


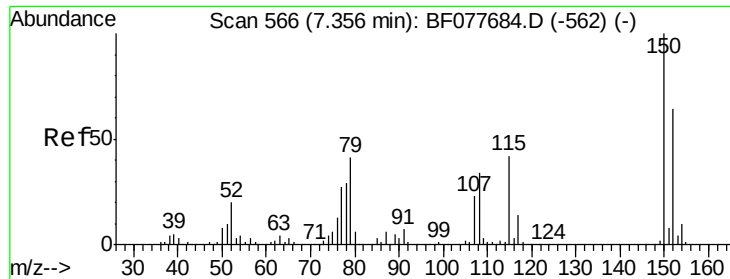
#14
 1,2-Dichlorobenzene
 Concen: 38.27 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:146 Resp: 142882
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 36.8 30.6 45.8



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: 41.35 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

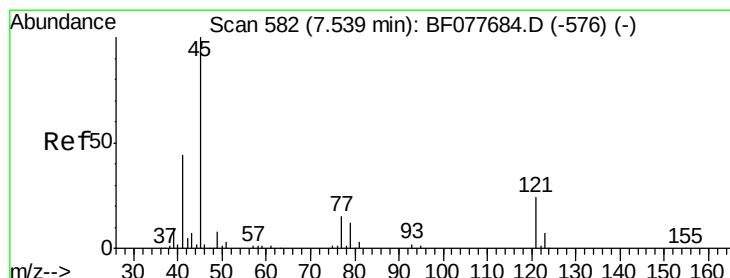
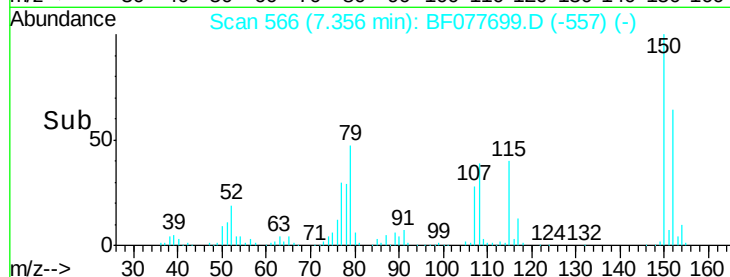
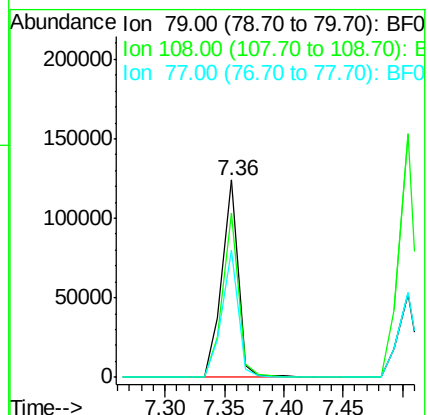
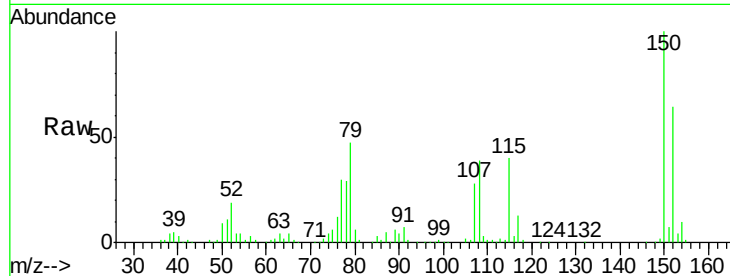
Tgt Ion: 79 Resp: 118076

Ion Ratio Lower Upper

79 100

108 83.5 65.0 97.4

77 64.7 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.40 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

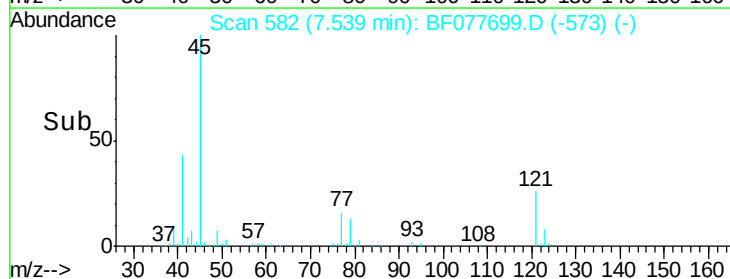
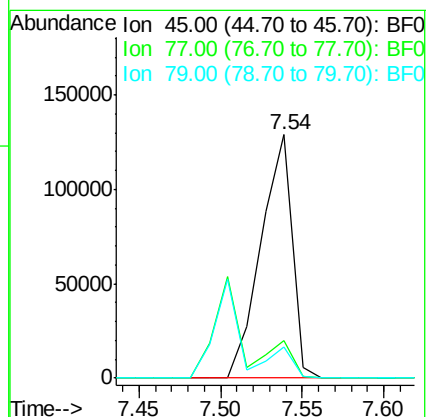
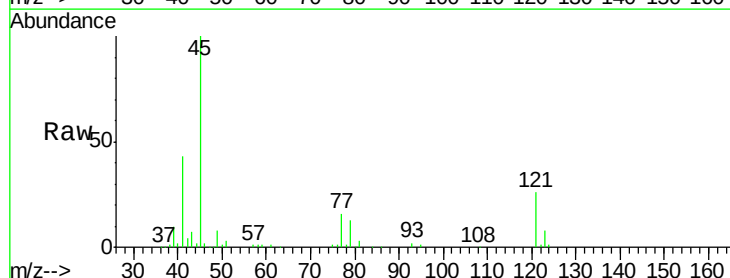
Tgt Ion: 45 Resp: 171969

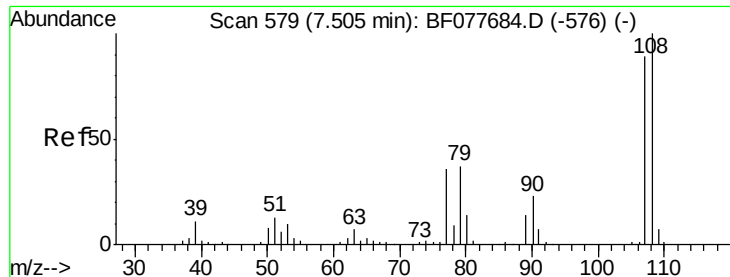
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.2

79 13.0 0.0 32.0

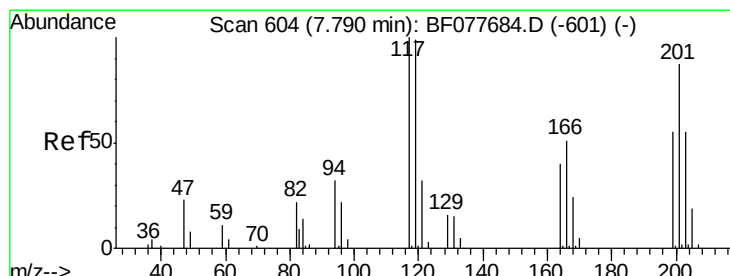
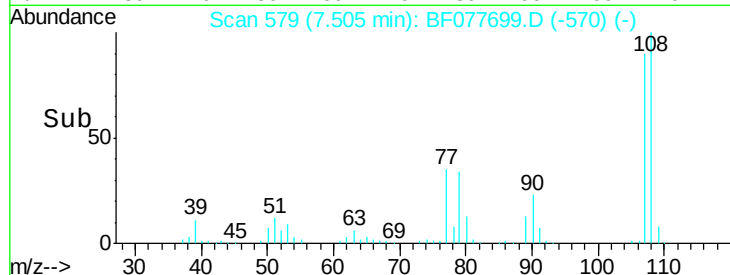
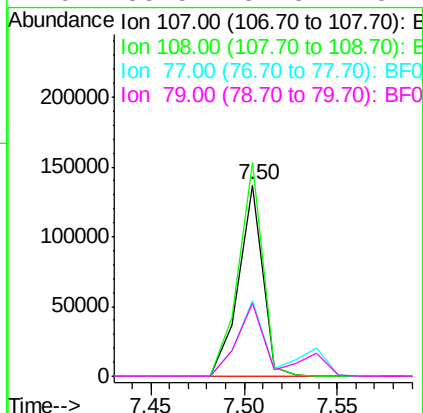
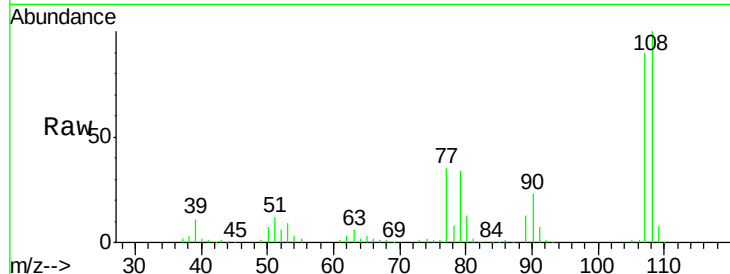




#17
2-Methylphenol
Concen: 43.14 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

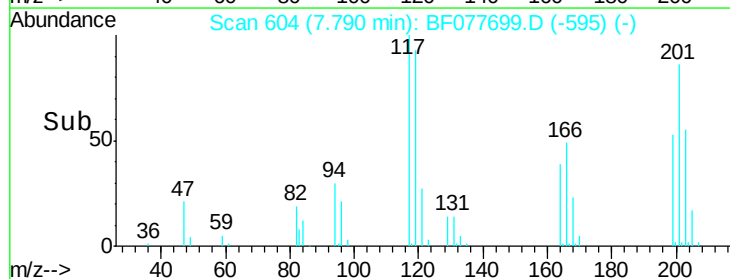
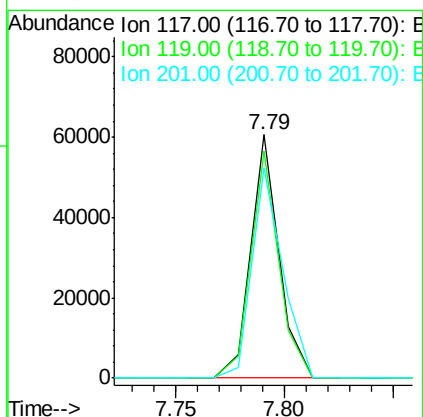
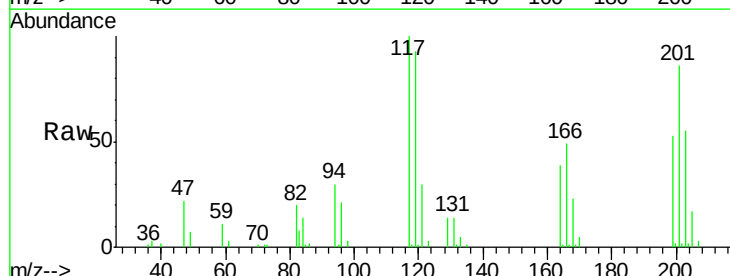
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

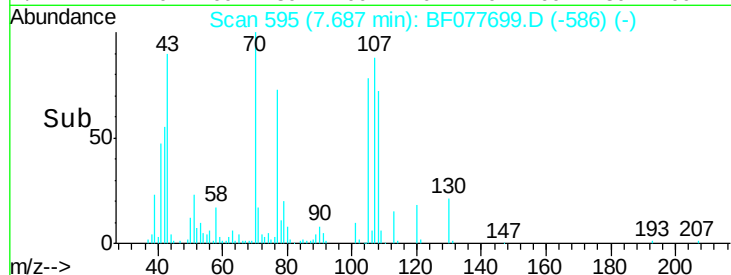
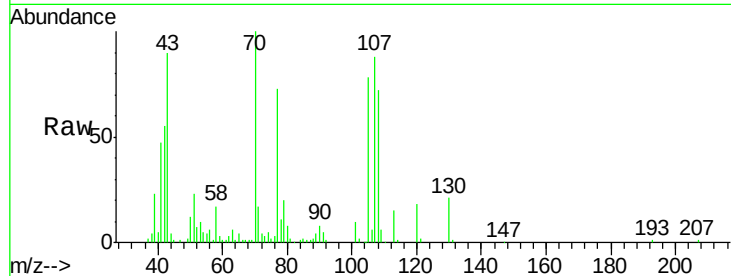
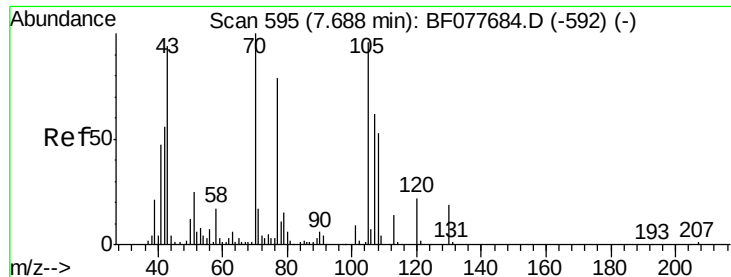
Tgt Ion:	107	Resp:	123773
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.8	134.8
77	39.2	32.6	48.8
79	38.5	32.8	49.2



#18
Hexachloroethane
Concen: 40.71 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:	117	Resp:	54377
Ion	Ratio	Lower	Upper
117	100		
119	93.1	79.2	118.8
201	86.2	69.8	104.6

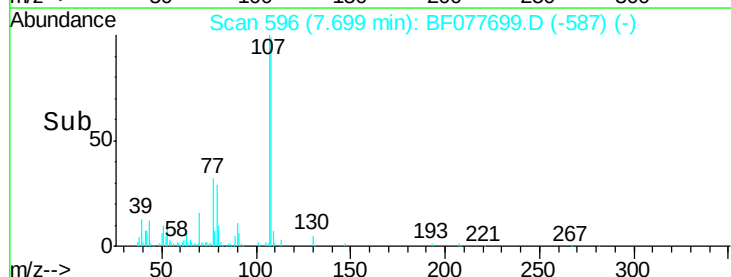
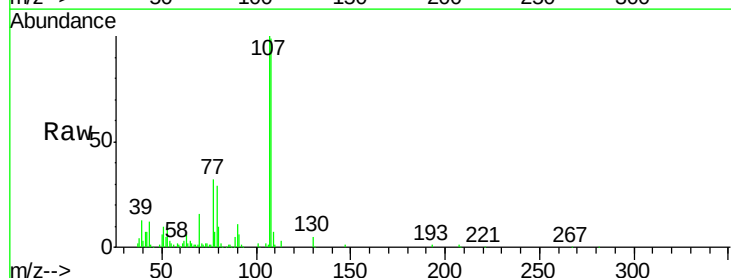
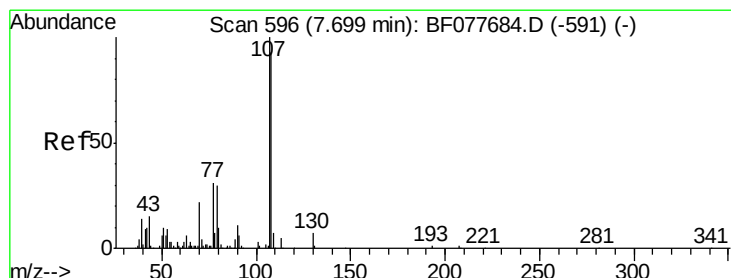
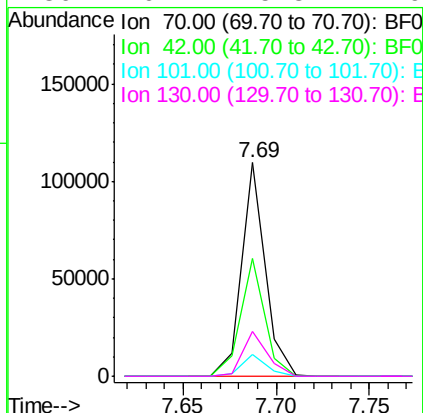




#19
n-Nitroso-di-n-propylamine
Concen: 38.22 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

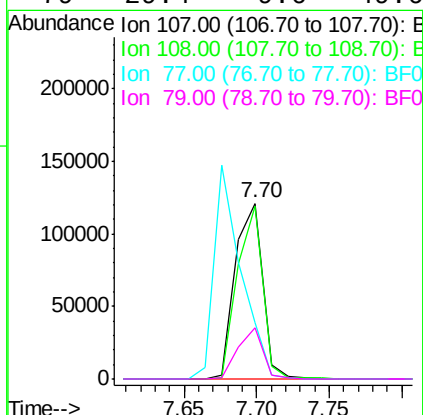
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

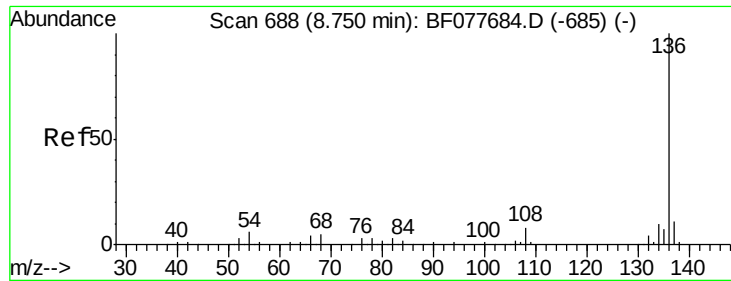
Tgt Ion:	70	Resp:	96707
Ion	Ratio	Lower	Upper
70	100		
42	55.3	44.5	66.7
101	9.9	7.4	11.2
130	20.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 42.32 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:	107	Resp:	159320
Ion	Ratio	Lower	Upper
107	100		
108	98.5	73.2	113.2
77	32.4	10.7	50.7
79	29.4	9.6	49.6

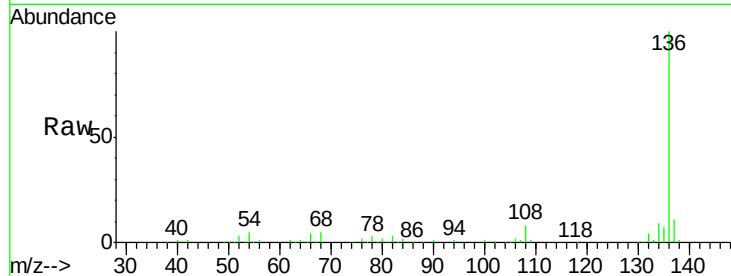




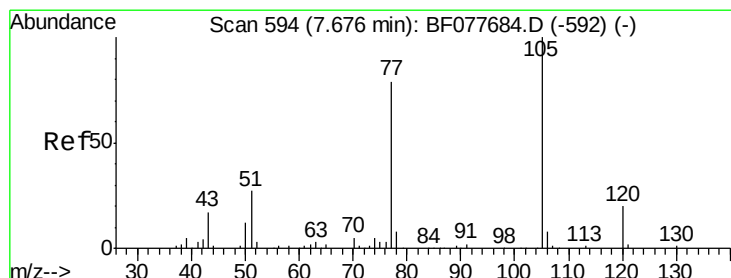
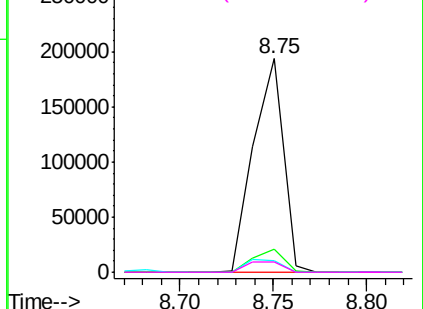
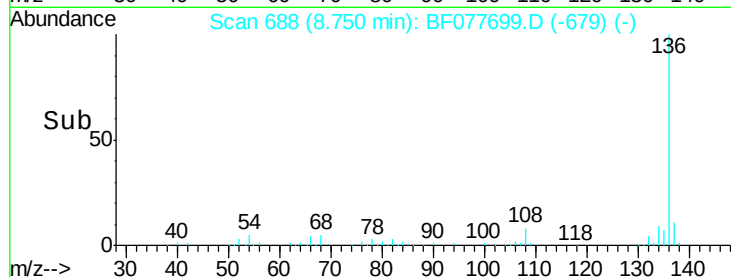
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:	136	Resp:	215320
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.3	4.6	6.8
68	4.8	3.7	5.5

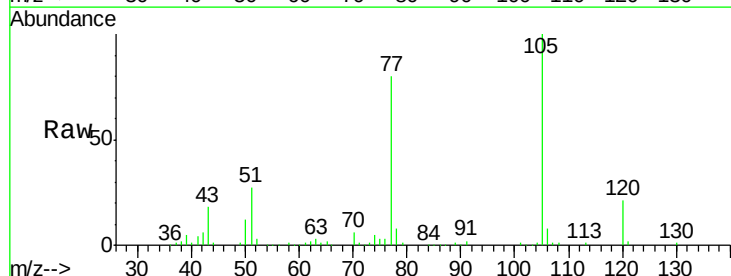


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

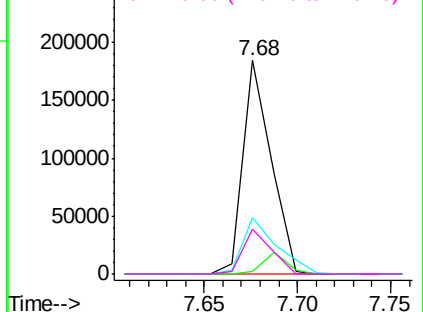
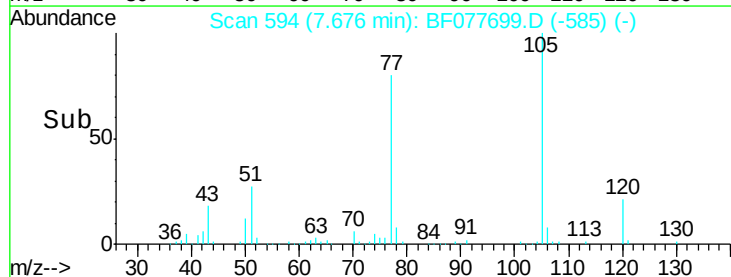


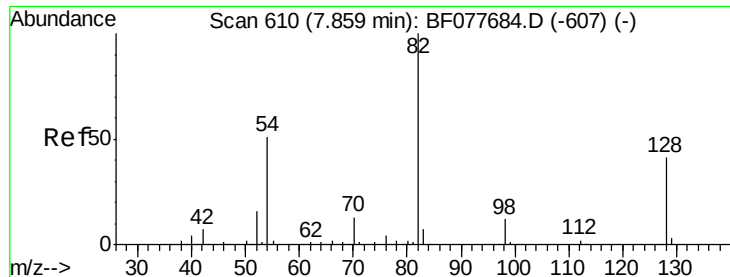
#22
Acetophenone
Concen: 40.47 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:	105	Resp:	192913
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.6	1.0#
51	26.6	21.6	32.4
120	20.9	16.1	24.1



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: 67.36 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

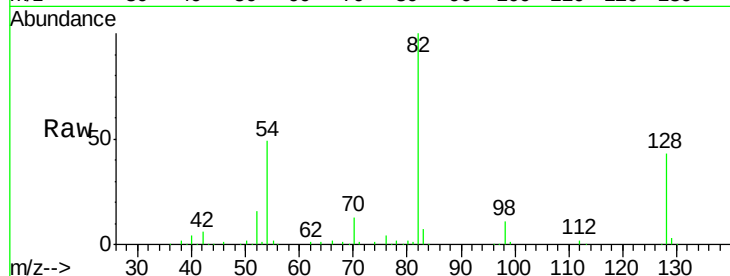
Tgt Ion: 82 Resp: 221273

Ion Ratio Lower Upper

82 100

128 42.6 32.8 49.2

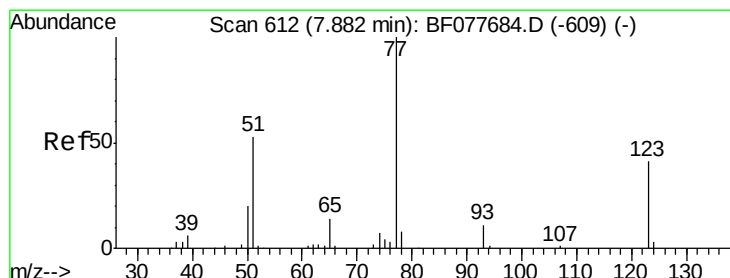
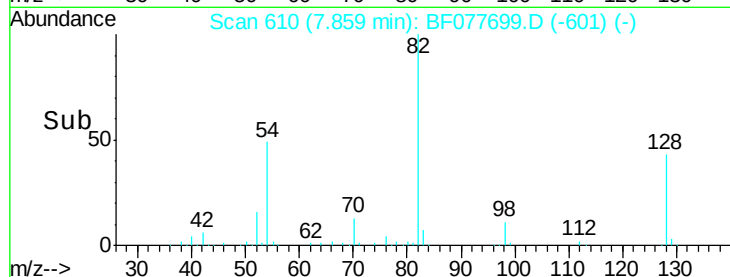
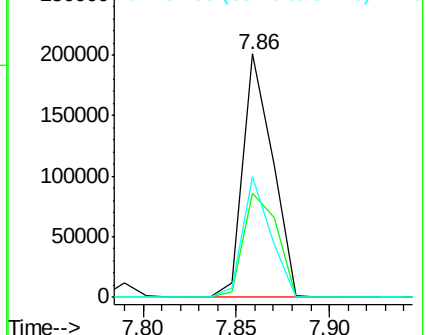
54 49.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.01 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

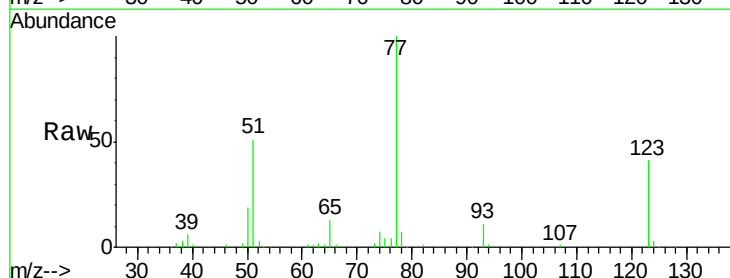
Tgt Ion: 77 Resp: 138031

Ion Ratio Lower Upper

77 100

123 41.4 32.6 49.0

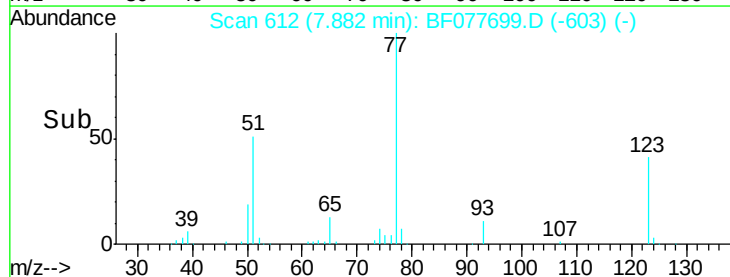
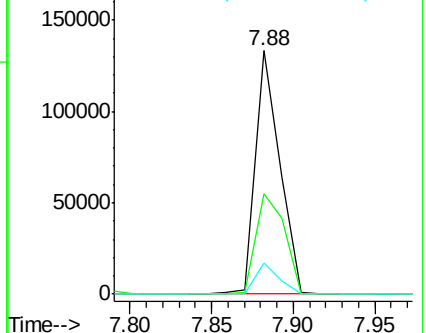
65 12.7 10.9 16.3

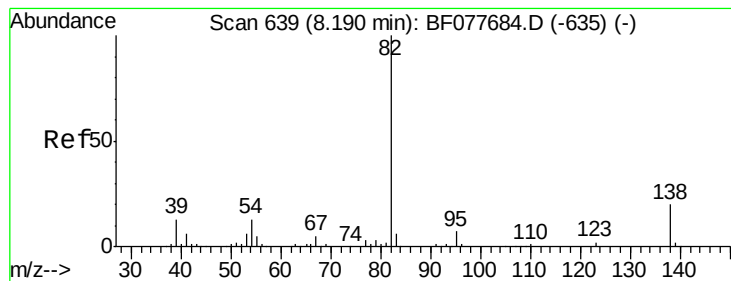


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.50 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

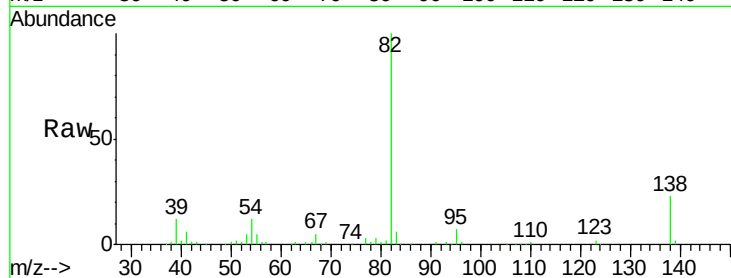
Tgt Ion: 82 Resp: 262016

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

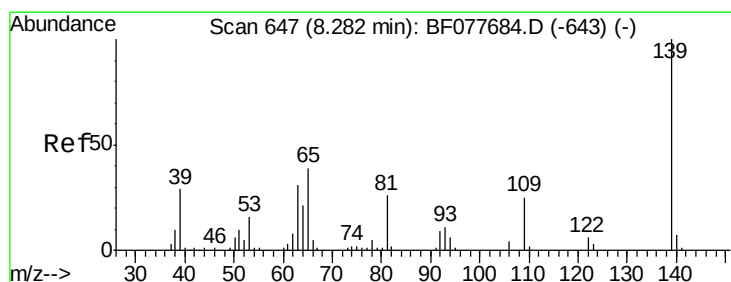
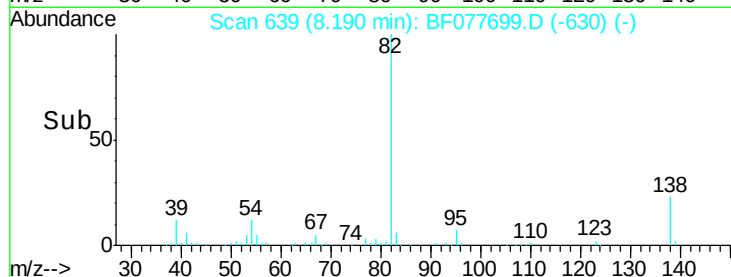
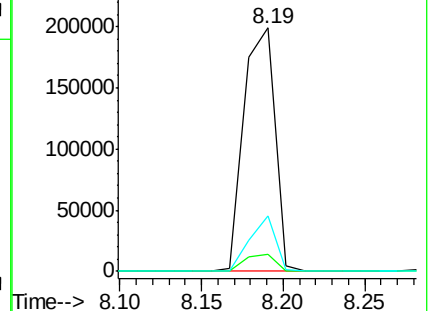
138 23.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-635) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-635) (-)



#26

2-Nitrophenol

Concen: 42.36 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

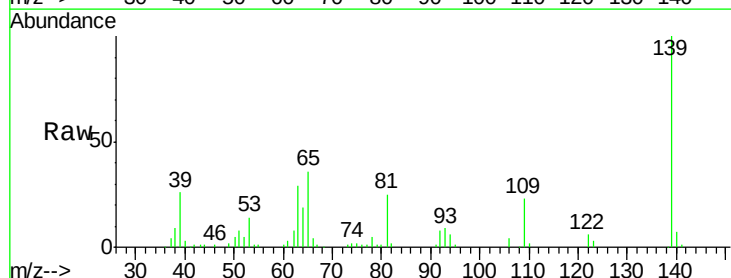
Tgt Ion: 139 Resp: 73392

Ion Ratio Lower Upper

139 100

109 23.5 20.1 30.1

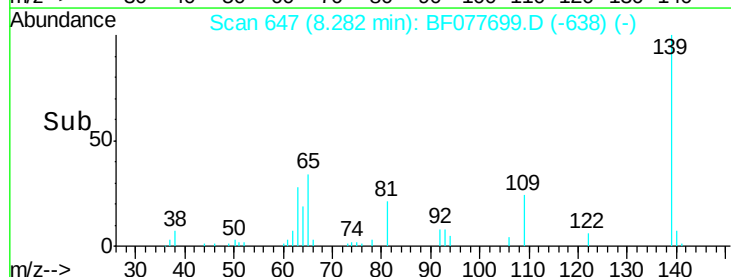
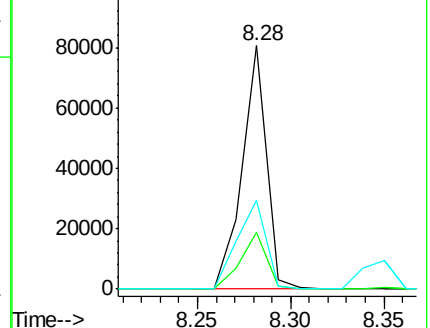
65 36.4 31.5 47.3

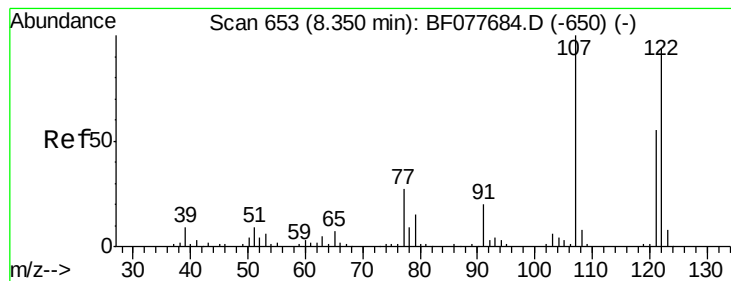


Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-643) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-643) (-)

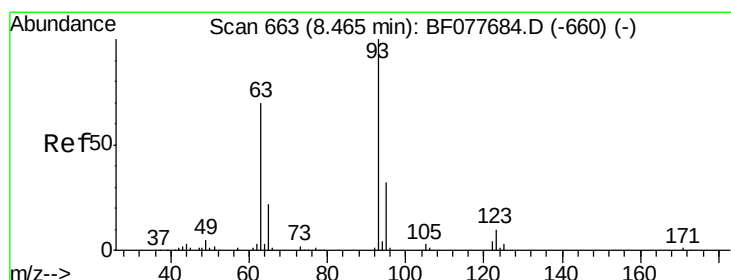
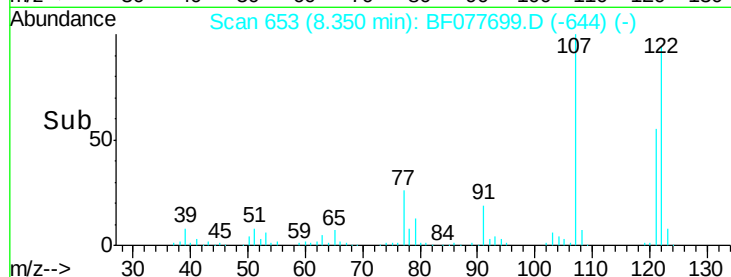
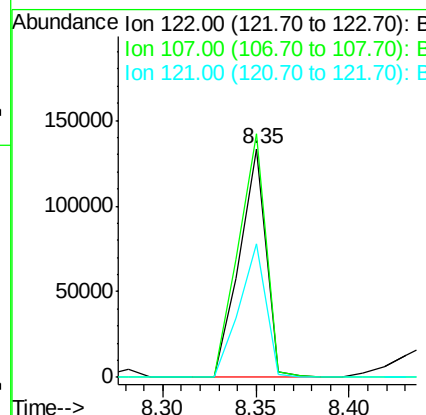
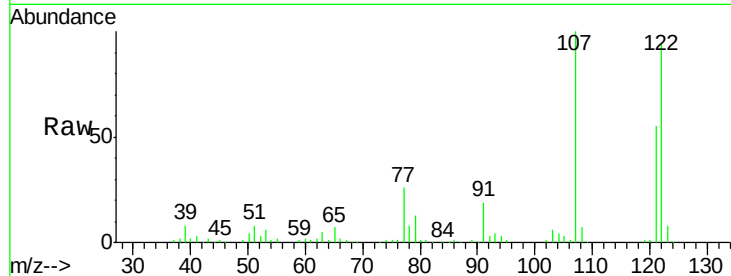




#27
 2,4-Dimethylphenol
 Concen: 42.60 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

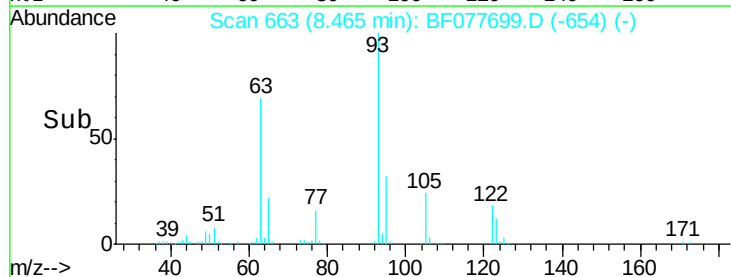
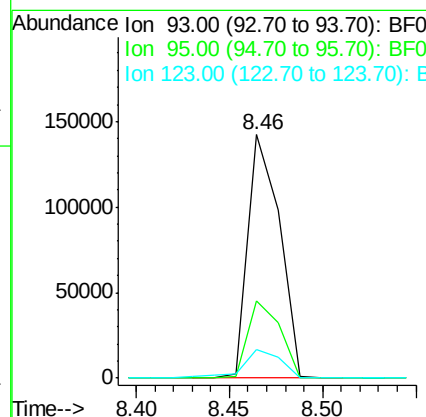
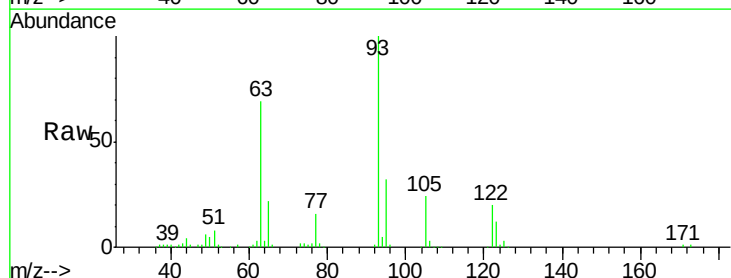
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

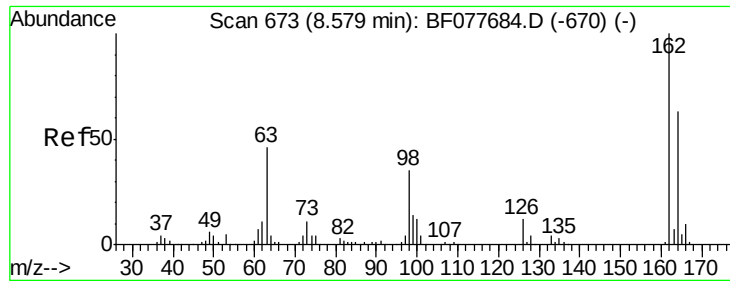
Tgt Ion: 122 Resp: 134462
 Ion Ratio Lower Upper
 122 100
 107 106.4 84.7 127.1
 121 58.2 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.50 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion: 93 Resp: 167104
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 12.0 8.6 13.0

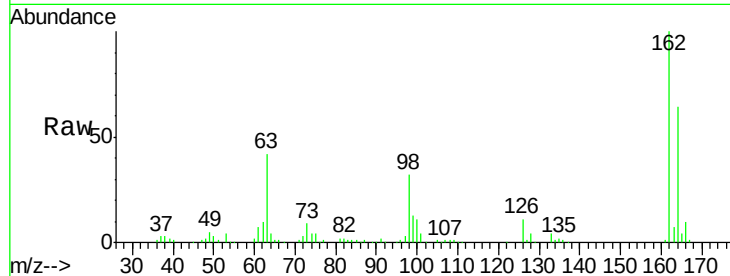




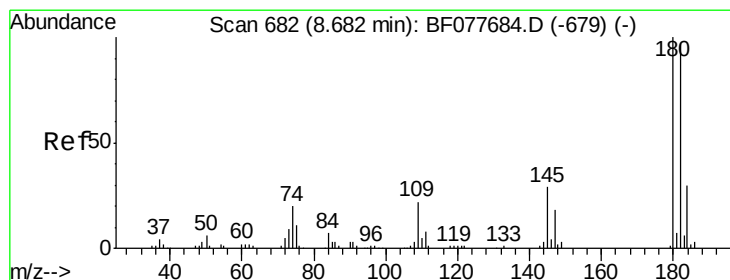
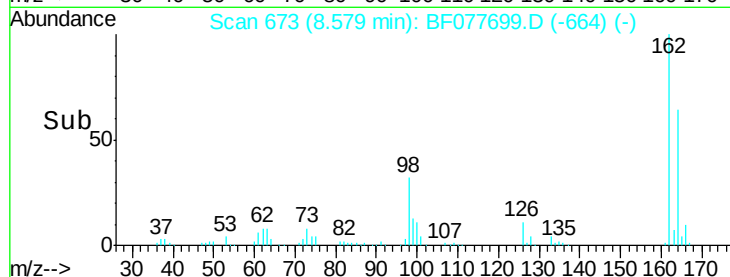
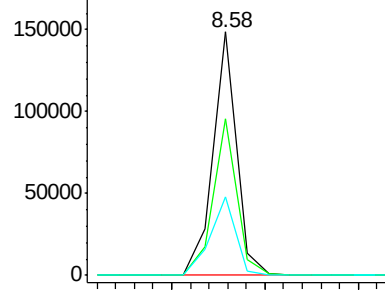
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.8	82.8
98	32.2	14.5	54.5

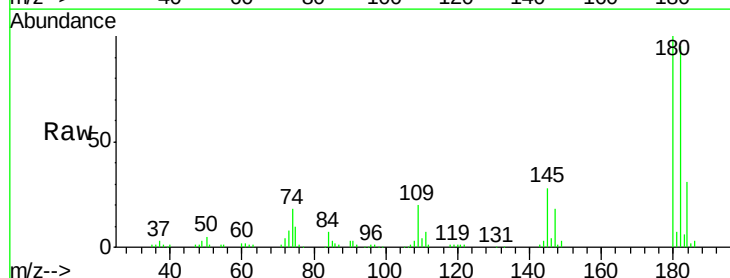


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

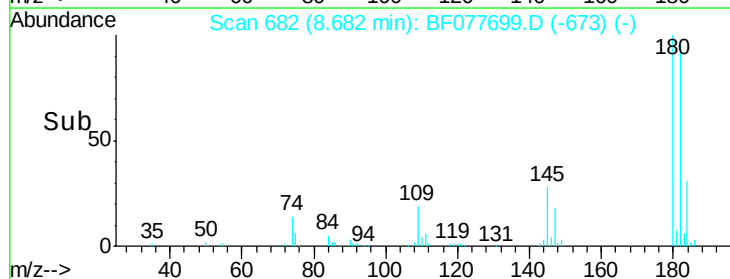
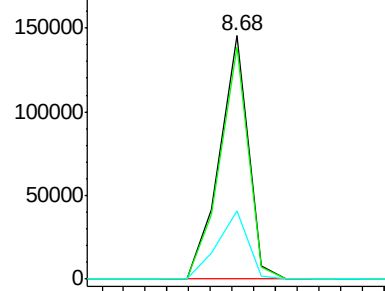


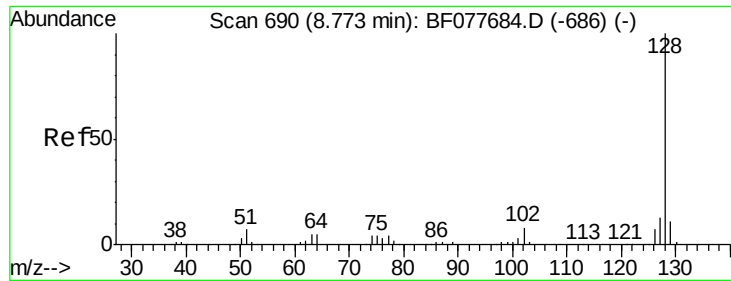
#30
 1,2,4-Trichlorobenzene
 Concen: 39.62 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.6	116.4
145	27.8	23.4	35.2



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

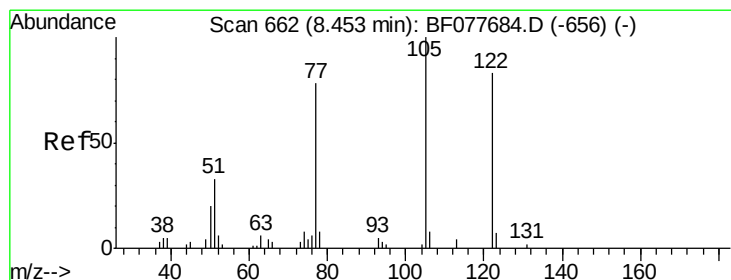
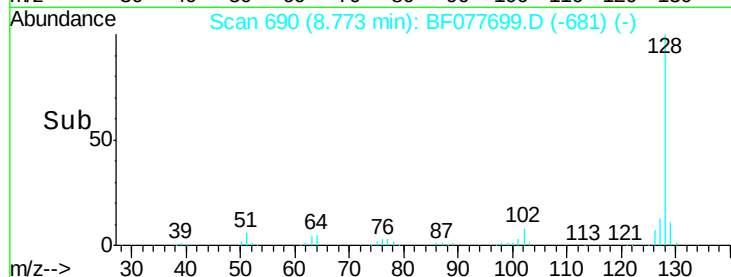
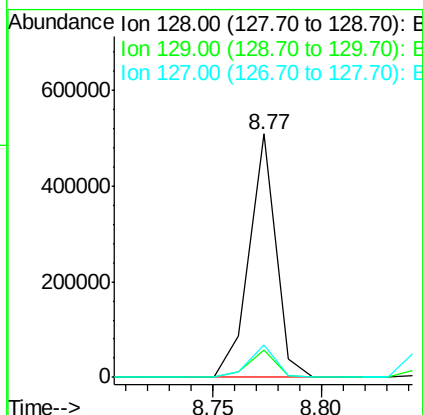
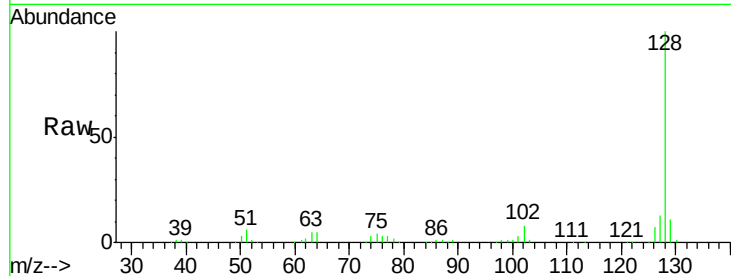




#31
Naphthalene
Concen: 39.26 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

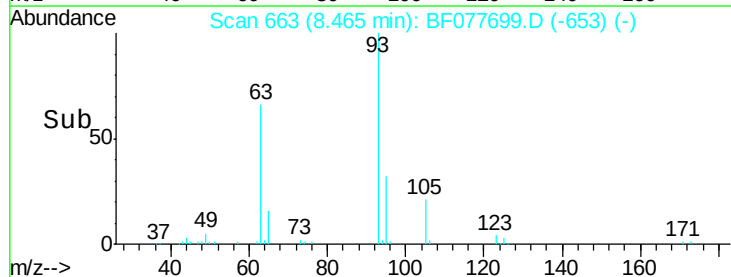
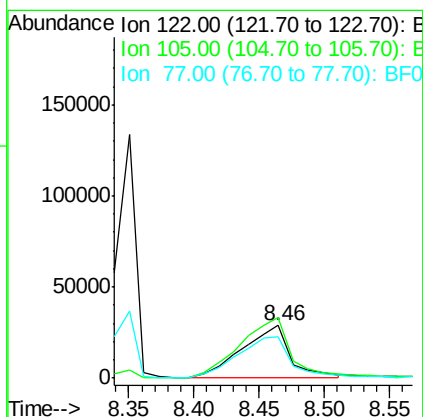
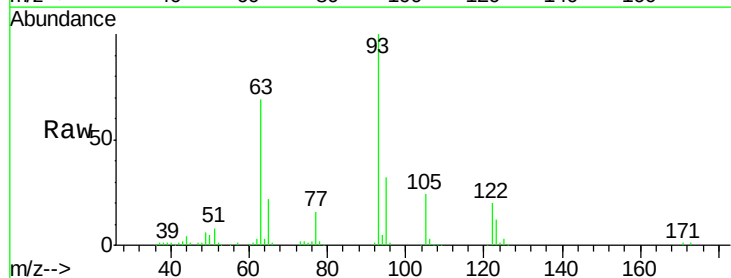
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

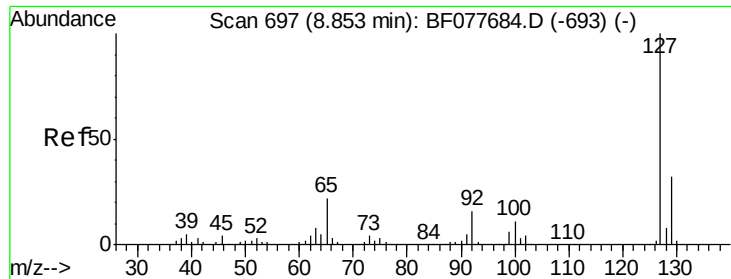
Tgt Ion:128 Resp: 434194
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 42.87 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:122 Resp: 74845
Ion Ratio Lower Upper
122 100
105 116.9 99.9 139.9
77 79.7 73.7 113.7

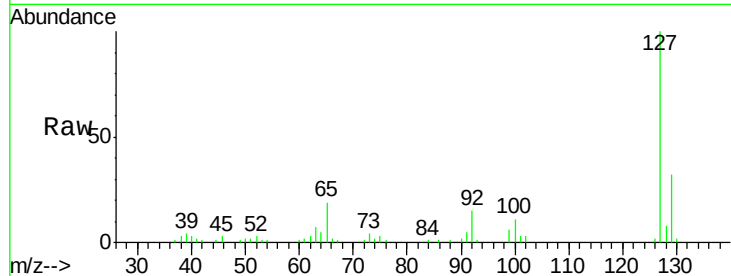




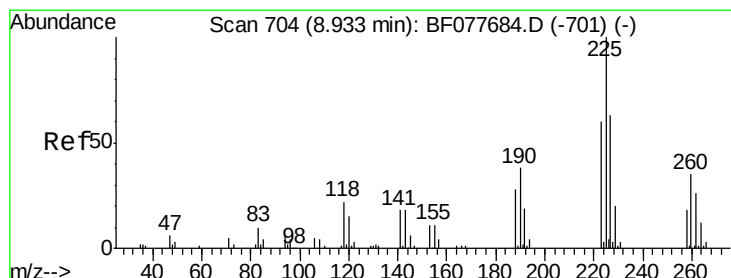
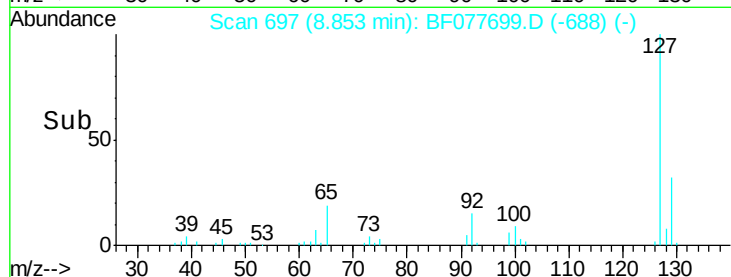
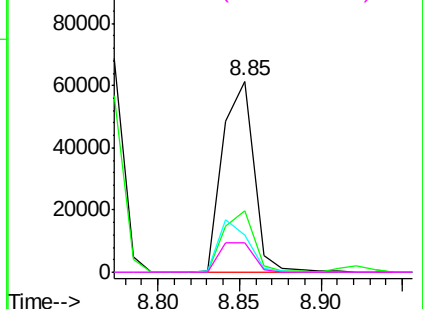
#33
 4-Chloroaniline
 Concen: 18.17 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:	127	Resp:	81564
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	19.2	17.6	26.4
92	15.2	13.1	19.7

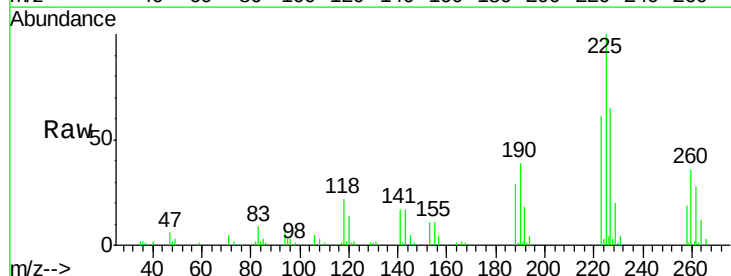


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

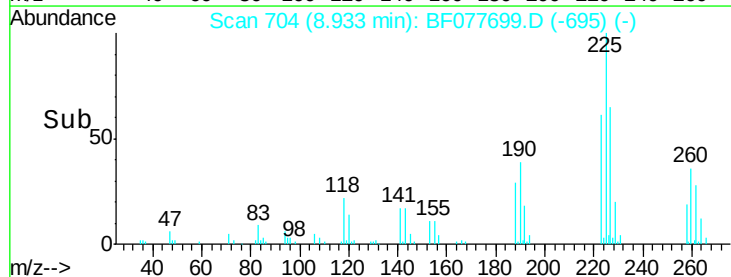
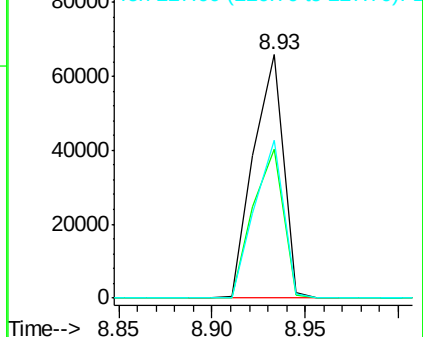


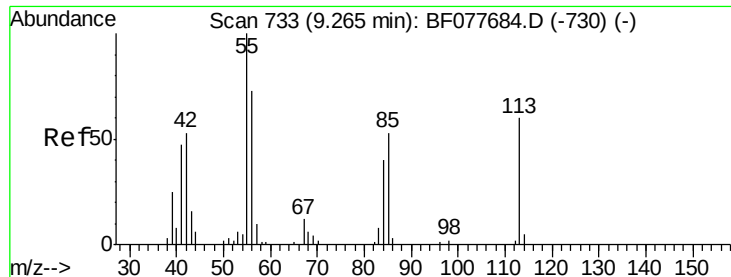
#34
 Hexachlorobutadiene
 Concen: 38.17 ng
 RT: 8.93 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:	225	Resp:	72816
Ion	Ratio	Lower	Upper
225	100		
223	61.4	47.9	71.9
227	64.6	50.1	75.1



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

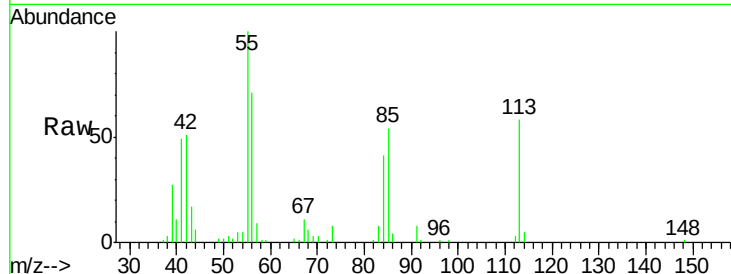




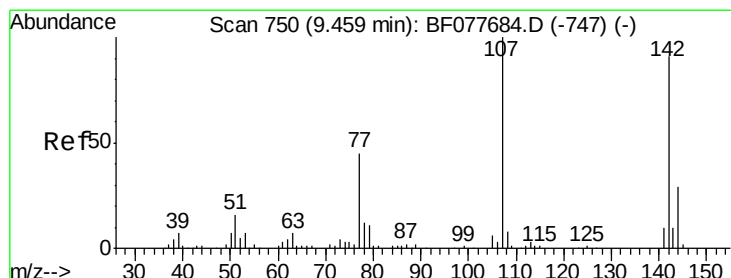
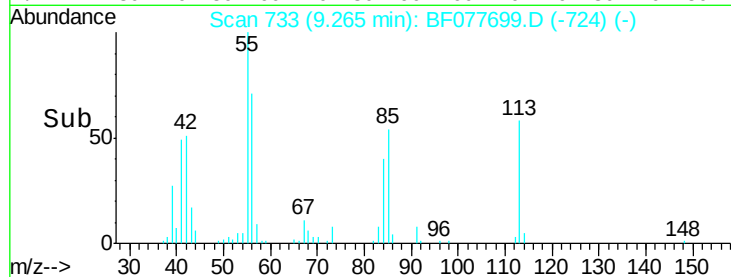
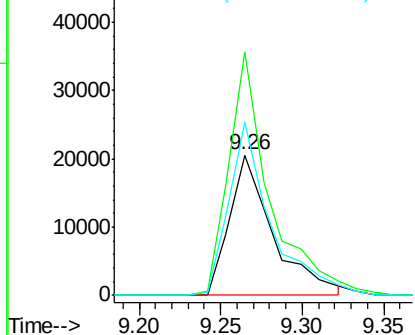
#35
 Caprolactam
 Concen: 43.27 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:113 Resp: 38045
 Ion Ratio Lower Upper
 113 100
 55 173.8 145.9 185.9
 56 124.0 101.0 141.0

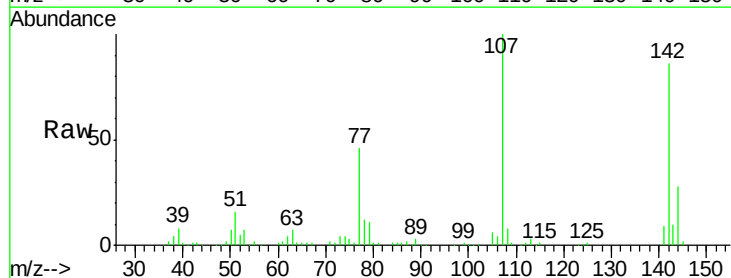


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

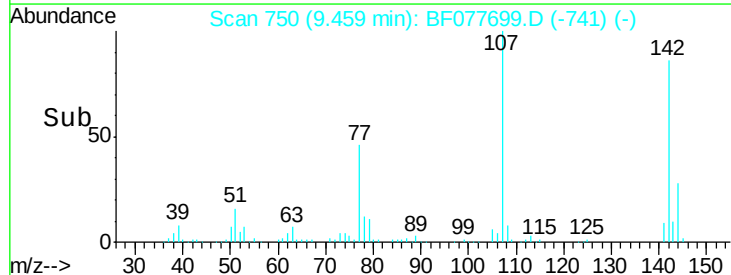
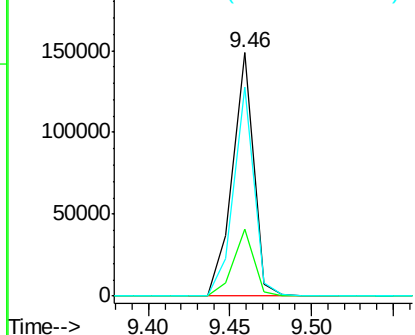


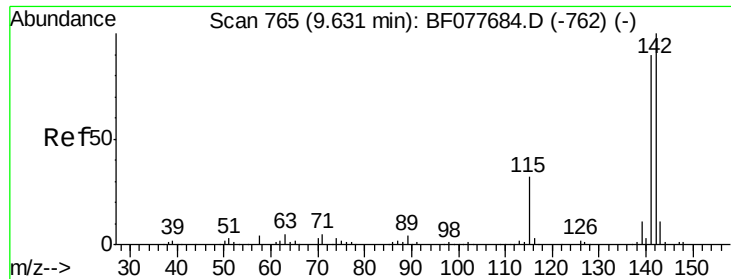
#36
 4-Chloro-3-methylphenol
 Concen: 44.28 ng
 RT: 9.46 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:107 Resp: 134037
 Ion Ratio Lower Upper
 107 100
 144 27.6 23.3 34.9
 142 86.1 72.6 109.0



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

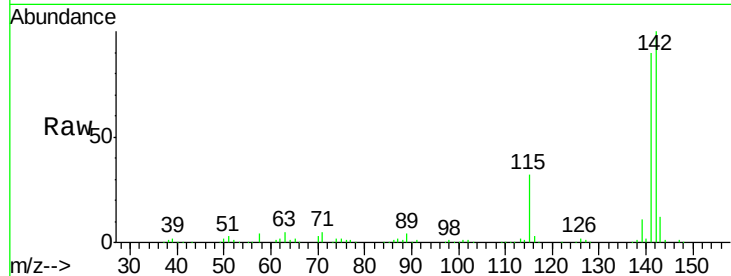




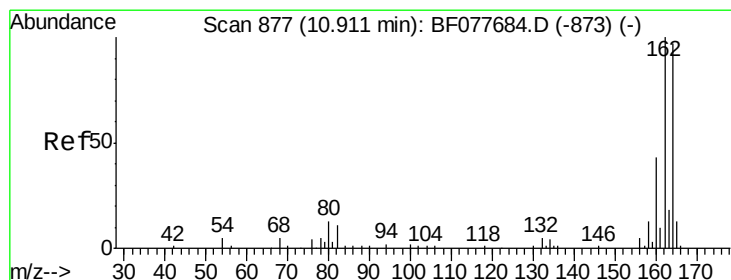
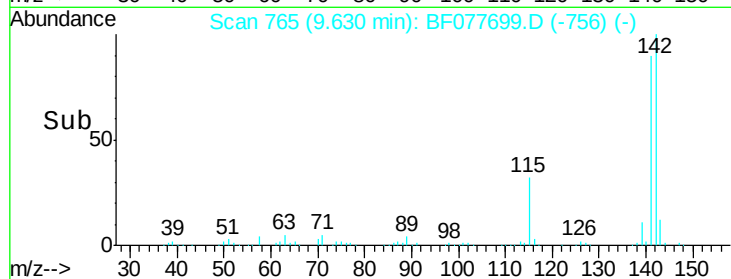
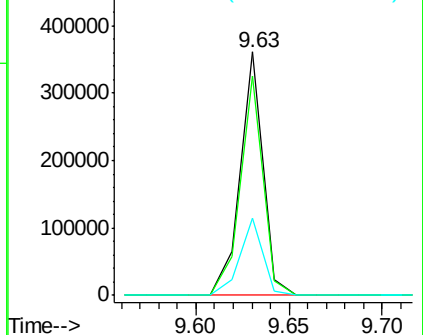
#37
 2-Methylnaphthalene
 Concen: 41.53 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:142 Resp: 308533
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.9 107.9
 115 31.7 25.4 38.0

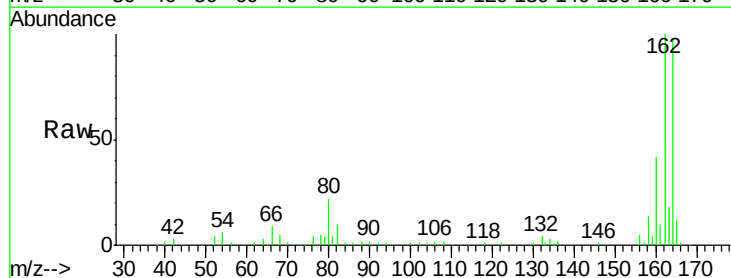


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

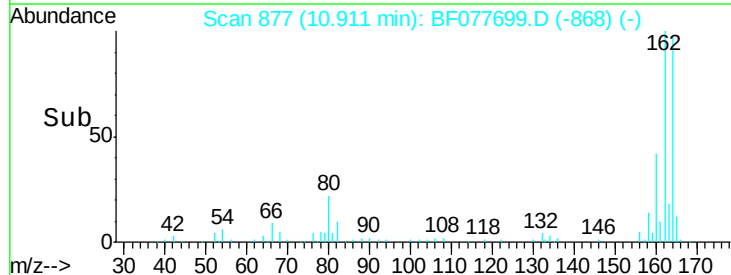
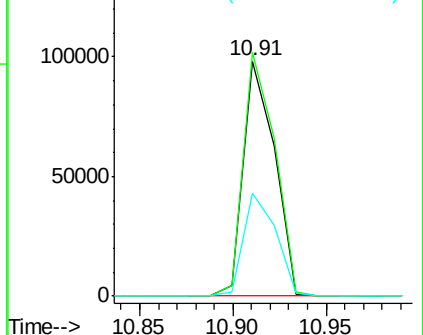


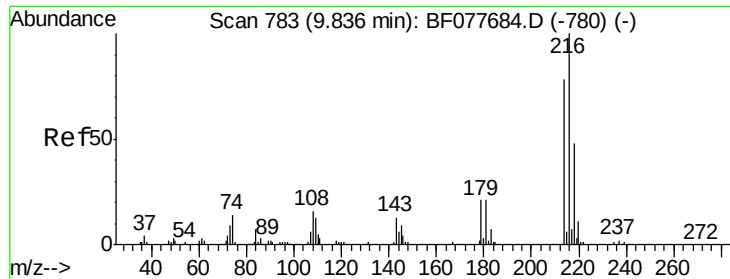
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:164 Resp: 114072
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.4 123.6
 160 43.8 35.8 53.6



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

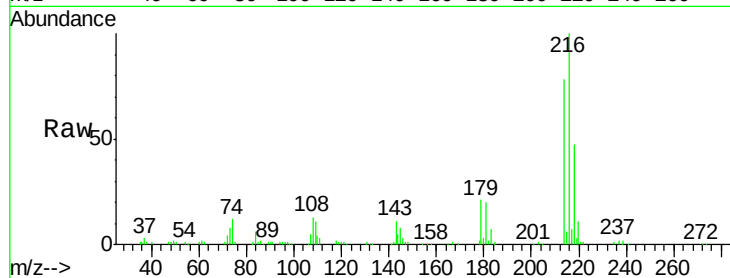




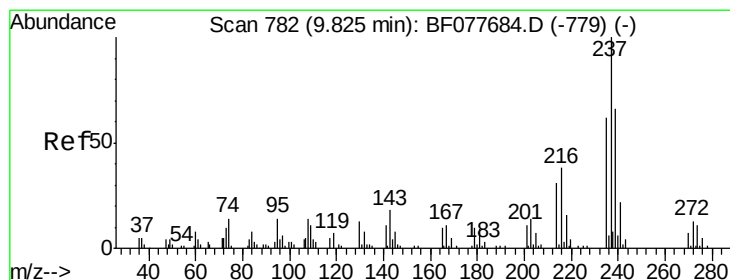
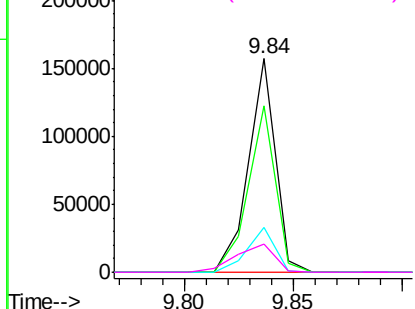
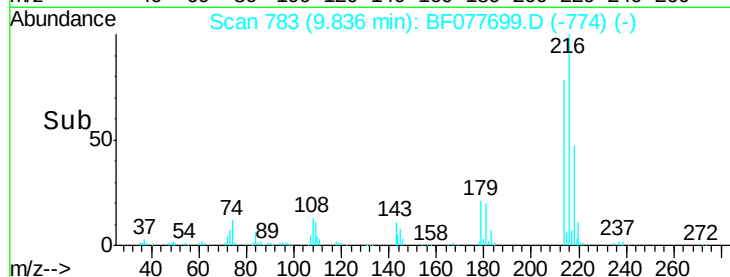
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.68 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:	216	Resp:	135020
Ion	Ratio	Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	21.5	0.0	0.0#
108	19.0	0.0	0.0#

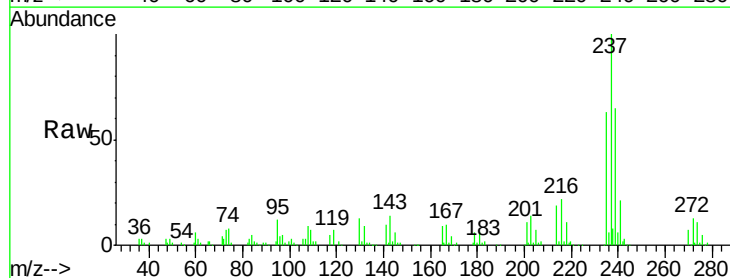


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

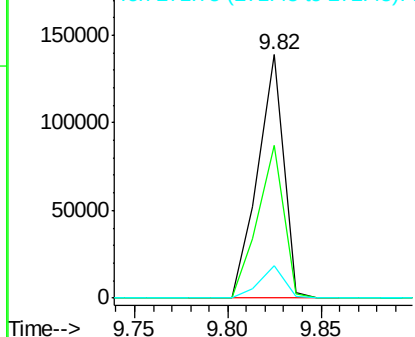
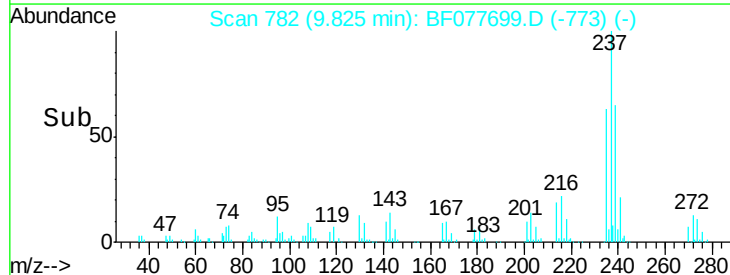


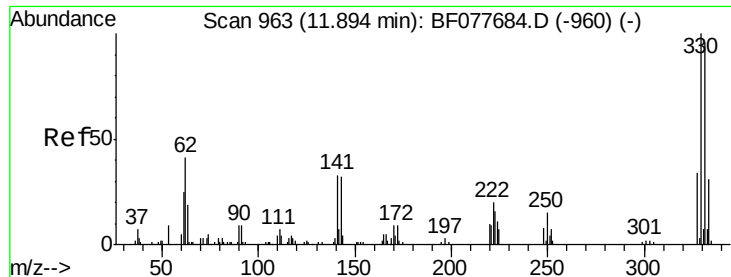
#40
 Hexachlorocyclopentadiene
 Concen: 78.54 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:	237	Resp:	133676
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.0	82.0
272	13.3	0.0	33.4



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

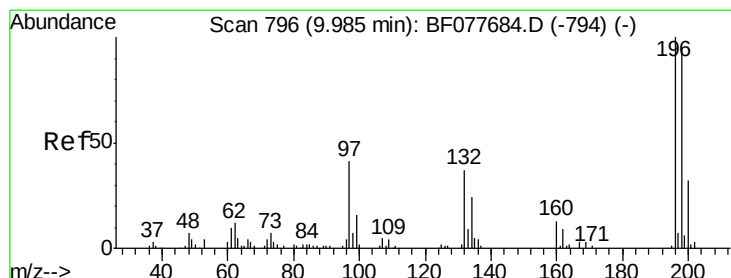
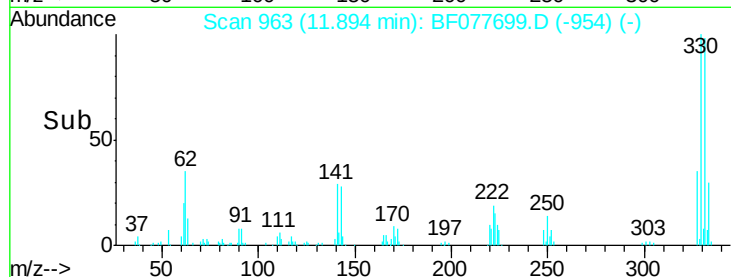
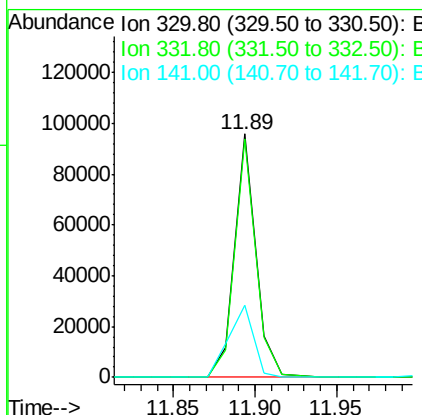
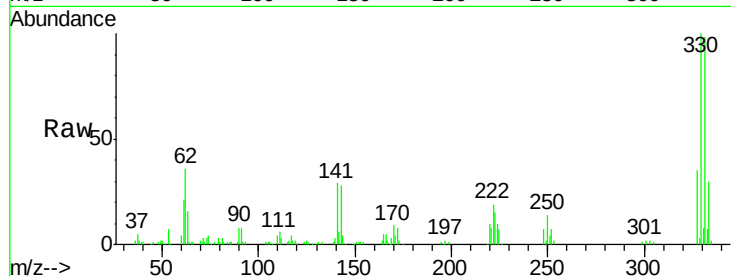




#41
 2,4,6-Tribromophenol
 Concen: 79.34 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

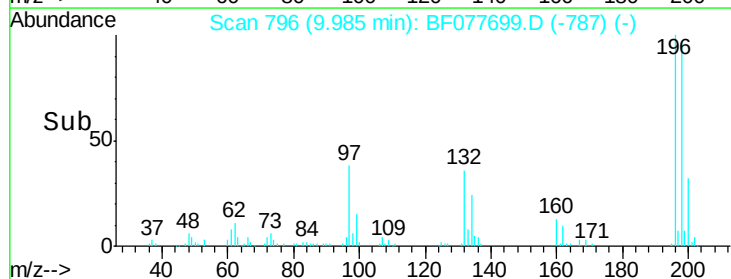
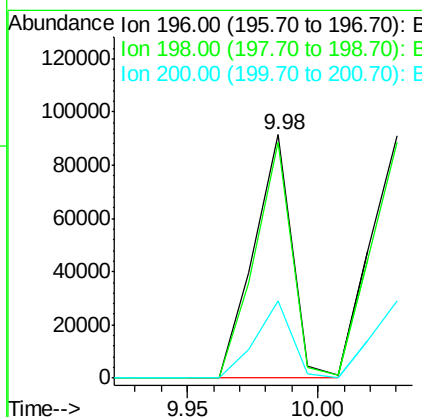
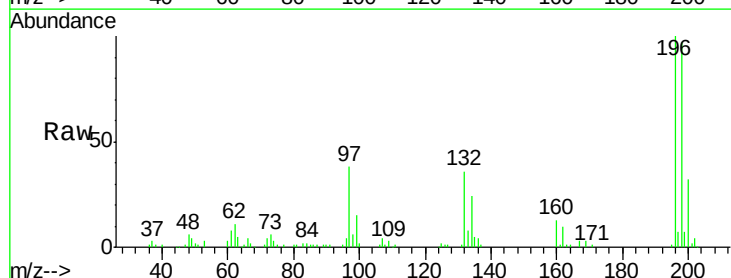
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

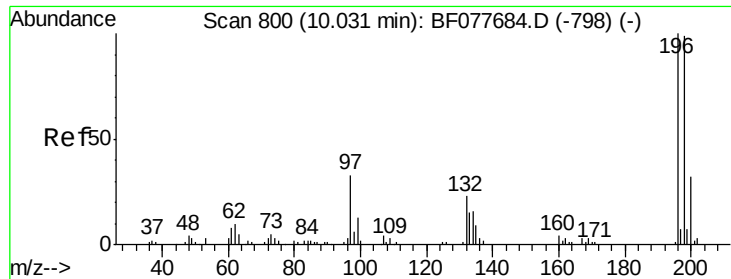
Tgt Ion:330 Resp: 86593
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 34.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:196 Resp: 93521
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 31.7 25.6 38.4

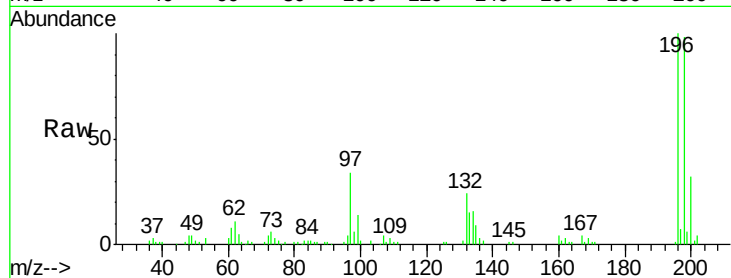




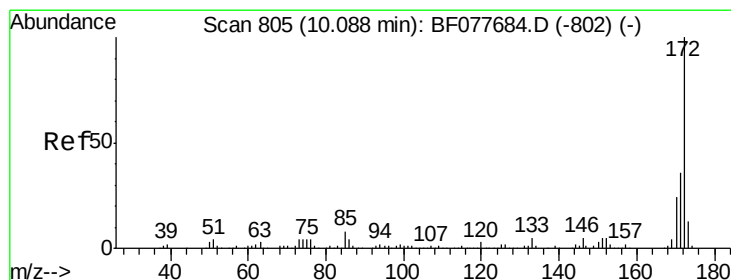
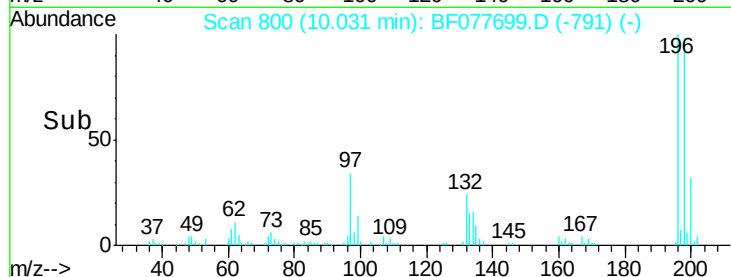
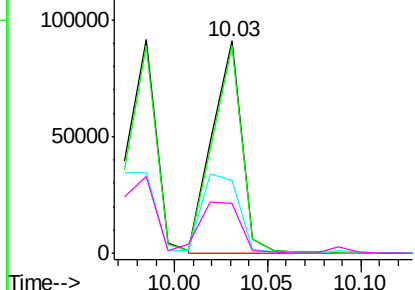
#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:	196	Resp:	100822
Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.4	119.0
97	34.1	26.8	40.2
132	23.8	18.6	28.0

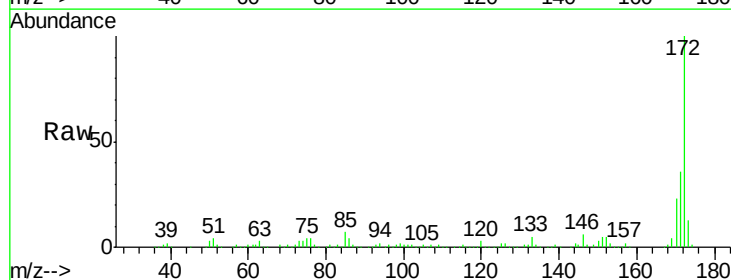


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

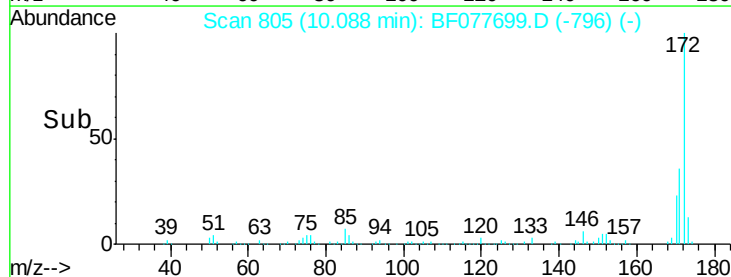
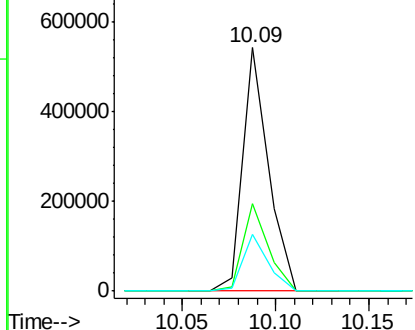


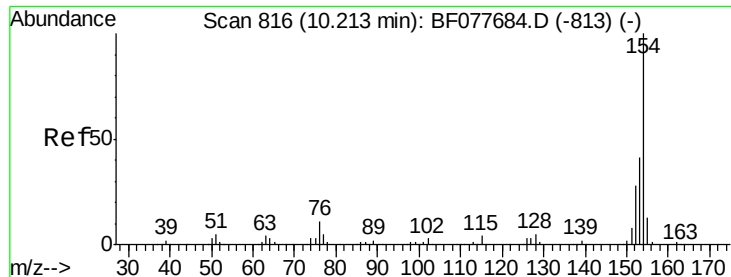
#44
 2-Fluorobiphenyl
 Concen: 66.99 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:	172	Resp:	520015
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	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

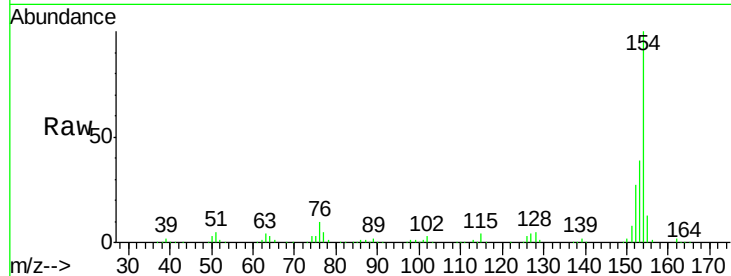




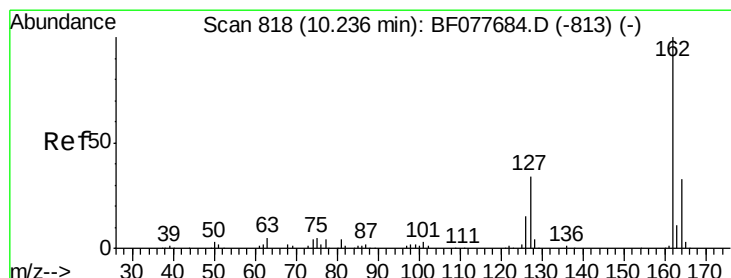
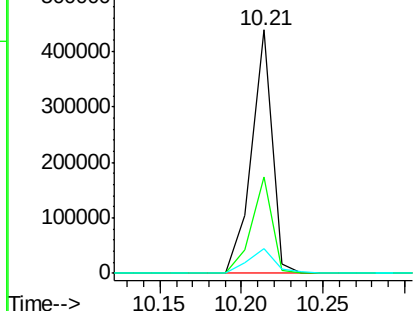
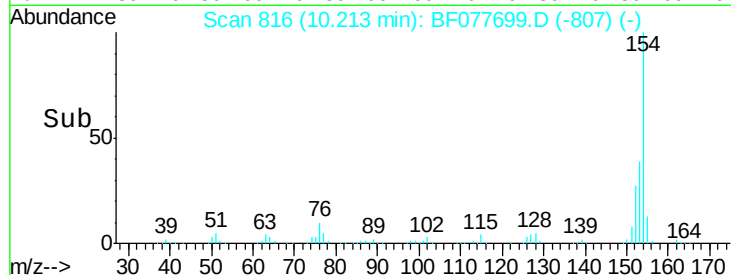
#45
 1,1'-Biphenyl
 Concen: 42.12 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:154 Resp: 384104
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.7 60.7
 76 10.3 0.0 30.9

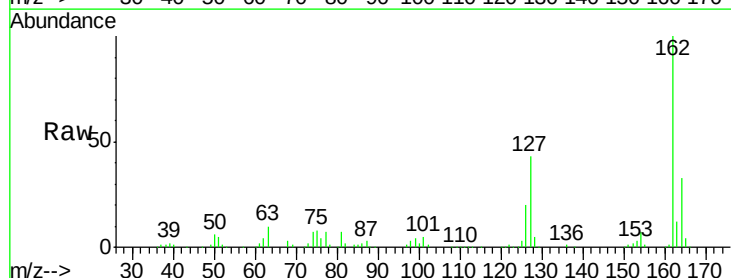


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

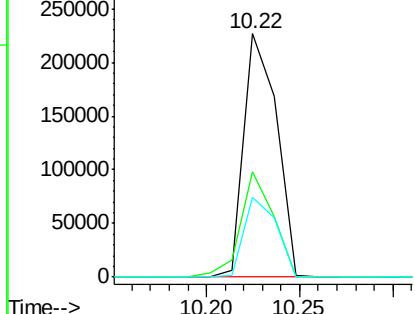
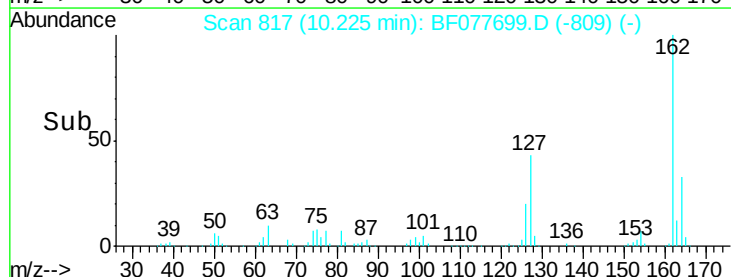


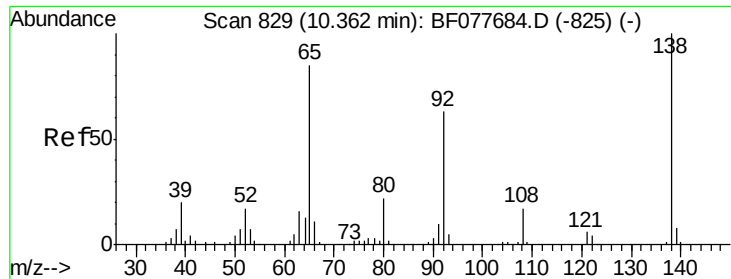
#46
 2-Chloronaphthalene
 Concen: 37.39 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:162 Resp: 277074
 Ion Ratio Lower Upper
 162 100
 127 43.0 26.9 40.3#
 164 32.7 26.8 40.2



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

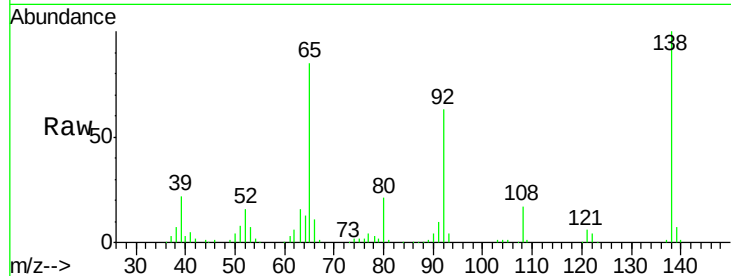




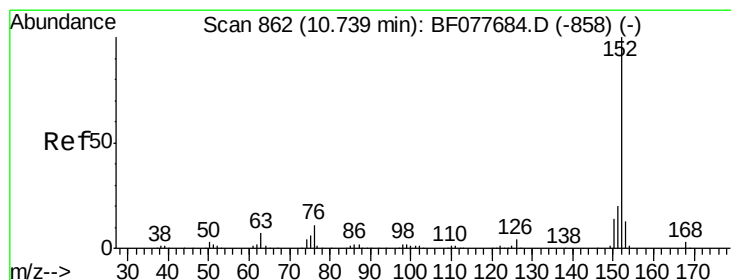
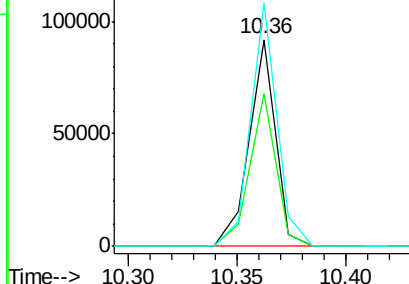
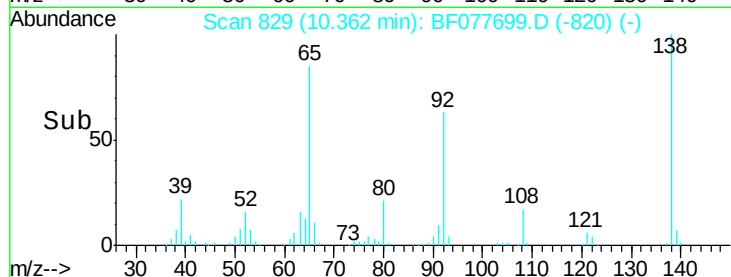
#47
2-Nitroaniline
Concen: 42.07 ng
RT: 10.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion: 65 Resp: 77433
Ion Ratio Lower Upper
65 100
92 73.9 59.1 88.7
138 117.7 93.9 140.9

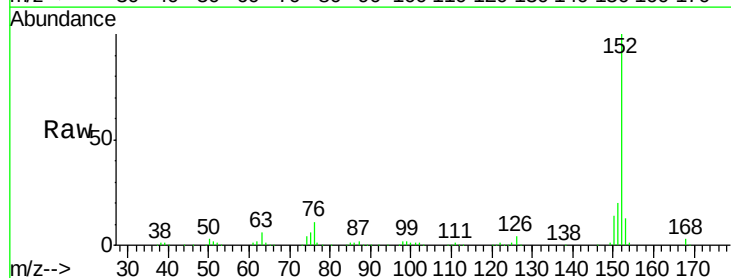


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

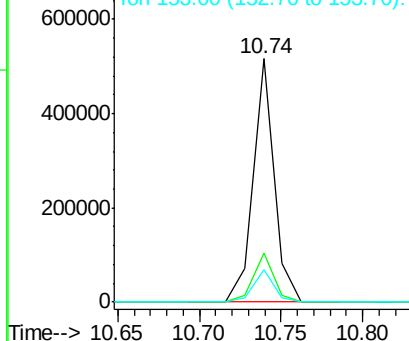
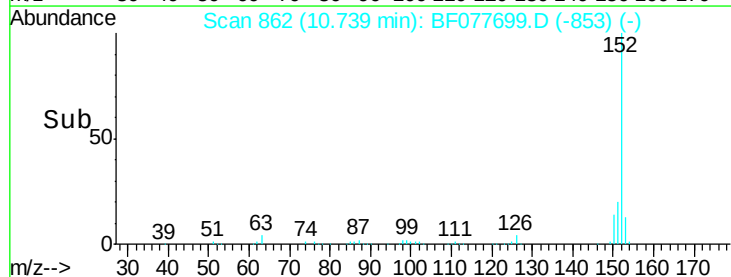


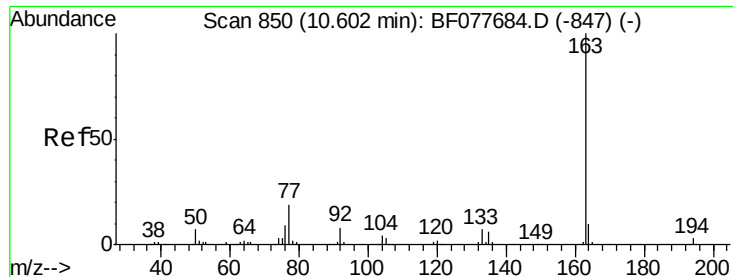
#48
Acenaphthylene
Concen: 37.28 ng
RT: 10.74 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion: 152 Resp: 459373
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.6 16.0



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

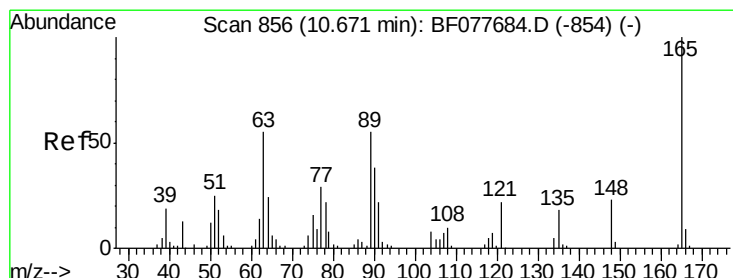
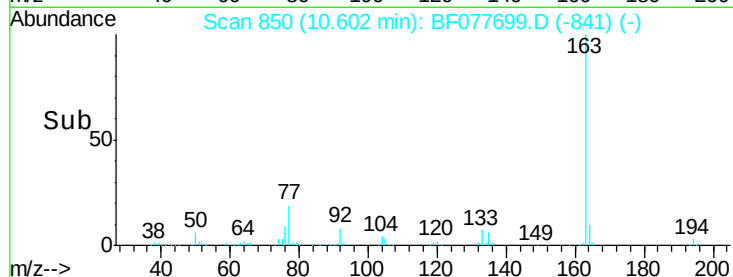
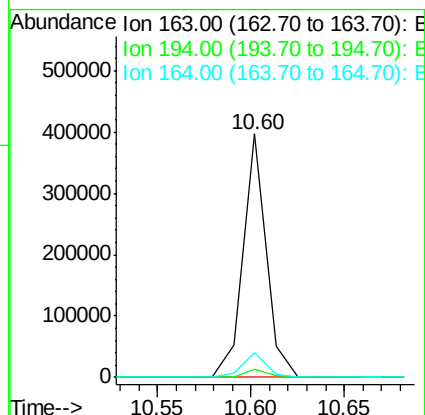
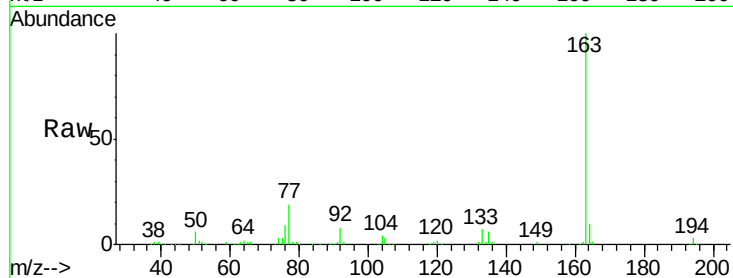




#49
Dimethylphthalate
Concen: 40.66 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

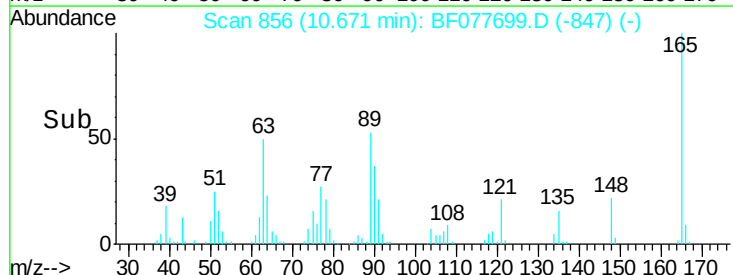
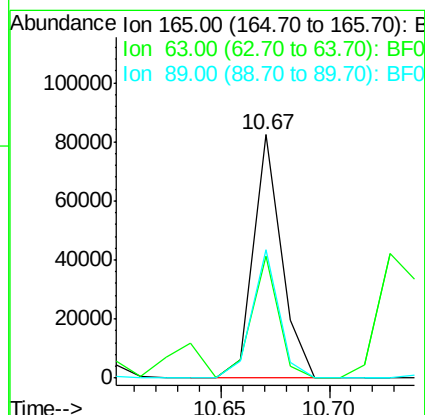
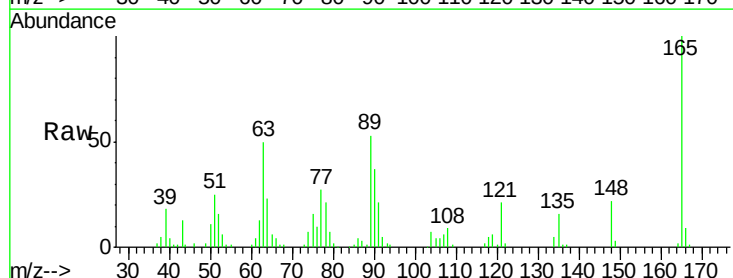
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

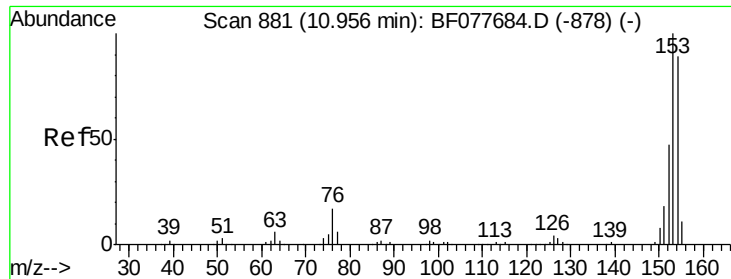
Tgt Ion:163 Resp: 343994
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 42.33 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:165 Resp: 74233
Ion Ratio Lower Upper
165 100
63 50.2 44.1 66.1
89 52.7 44.3 66.5

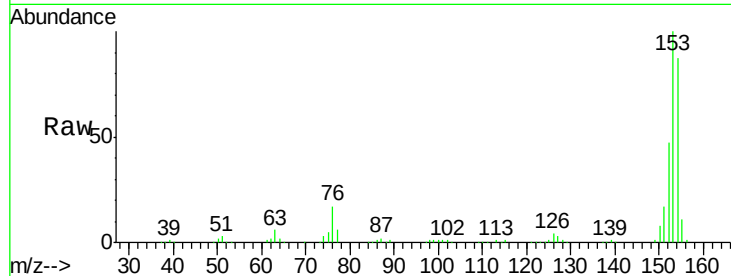




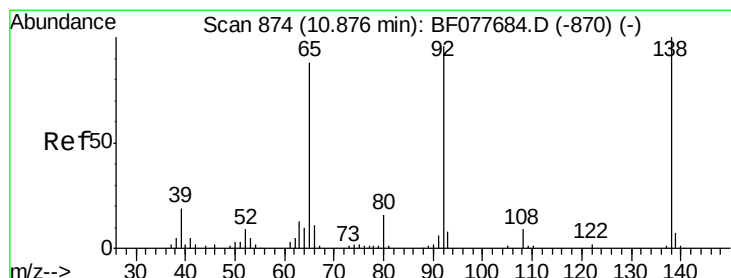
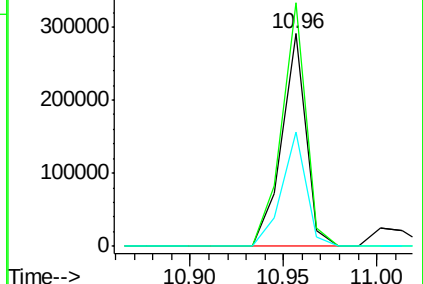
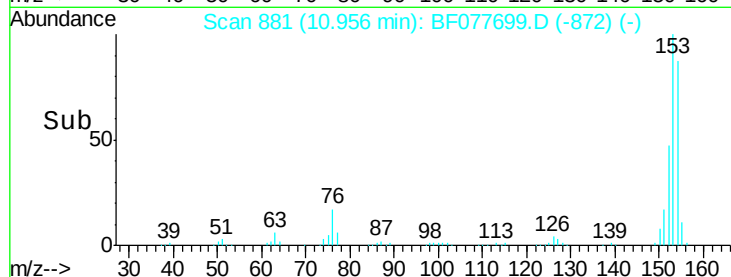
#51
Acenaphthene
Concen: 37.45 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:154 Resp: 264585
Ion Ratio Lower Upper
154 100
153 114.5 90.0 135.0
152 53.6 42.6 63.8

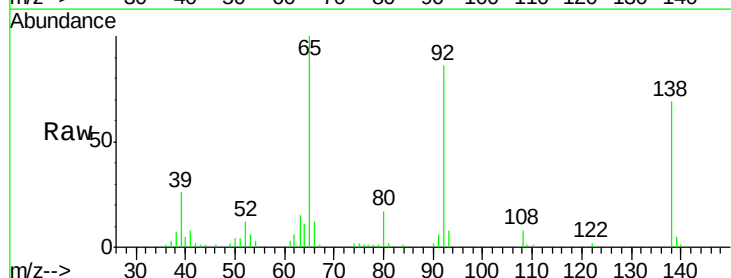


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

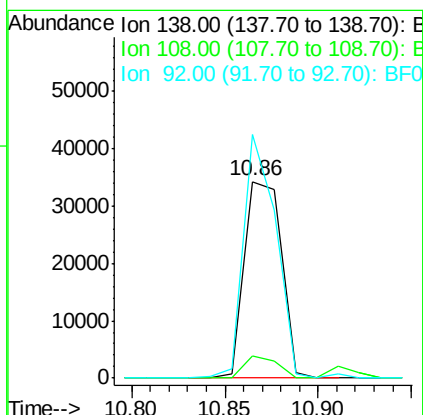
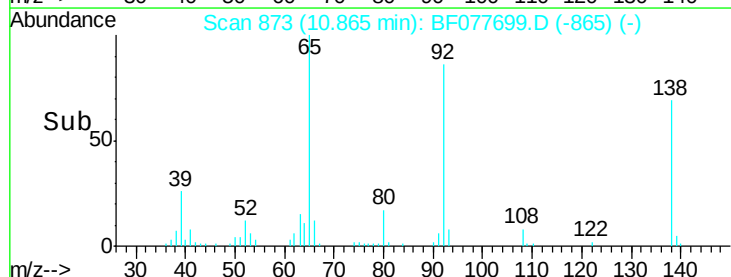


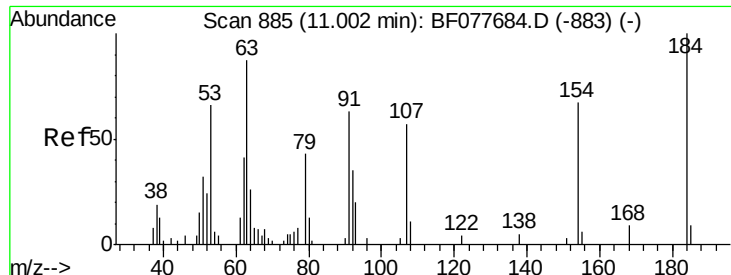
#52
3-Nitroaniline
Concen: 23.25 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:138 Resp: 47356
Ion Ratio Lower Upper
138 100
108 11.1 7.3 10.9#
92 124.0 76.6 114.8#



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

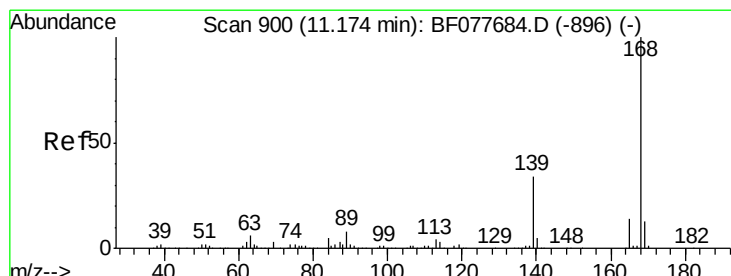
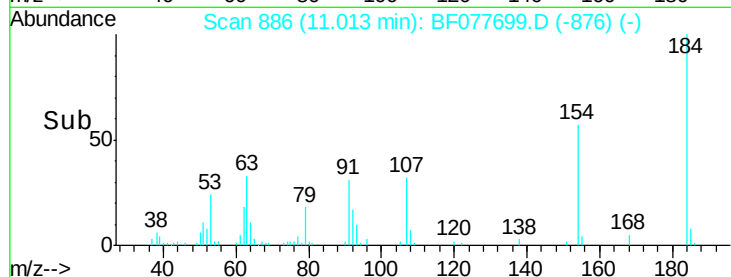
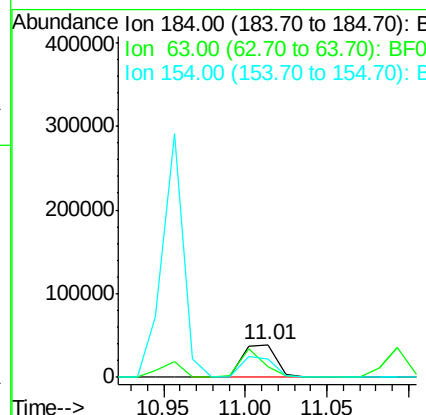
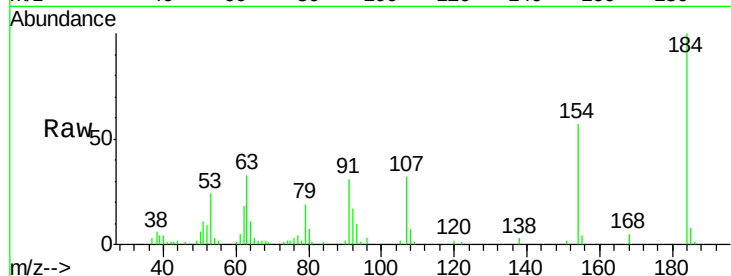




#53
 2,4-Dinitrophenol
 Concen: 87.71 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

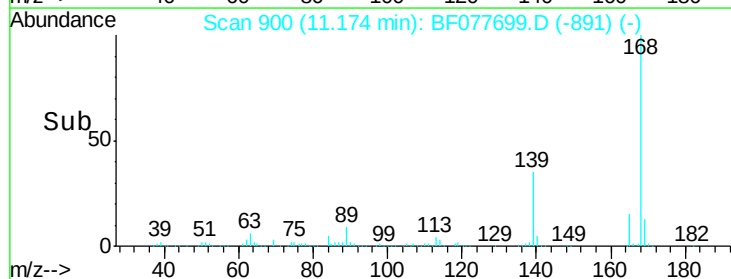
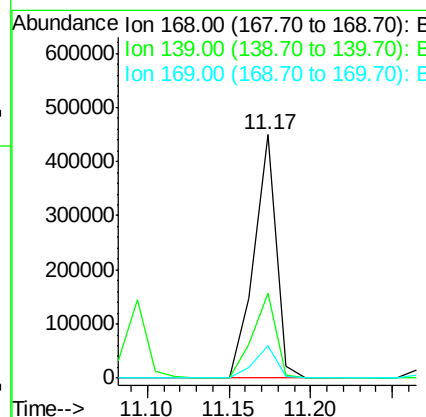
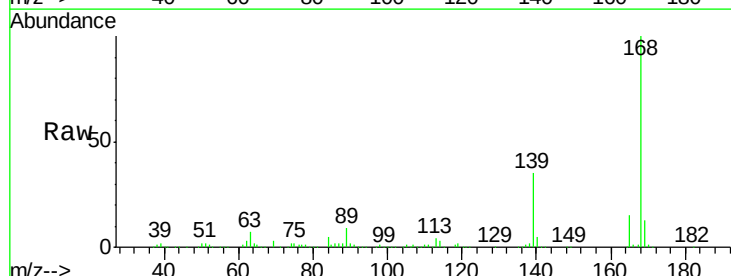
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

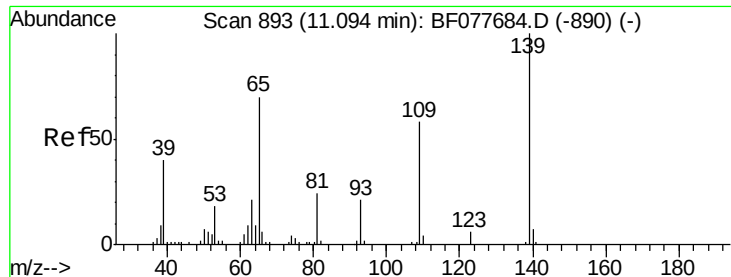
Tgt Ion:184 Resp: 57063
 Ion Ratio Lower Upper
 184 100
 63 33.5 69.2 103.8#
 154 56.8 53.3 79.9



#54
 Dibenzofuran
 Concen: 40.61 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:168 Resp: 425563
 Ion Ratio Lower Upper
 168 100
 139 35.0 27.3 40.9
 169 13.3 10.6 16.0

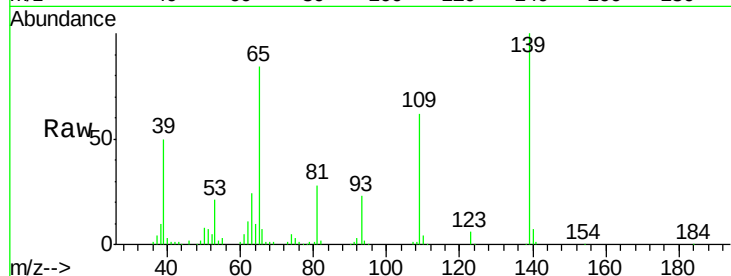




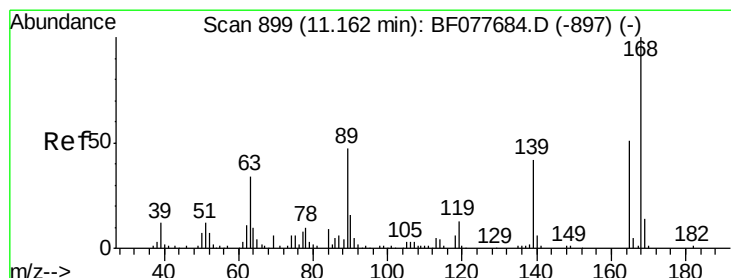
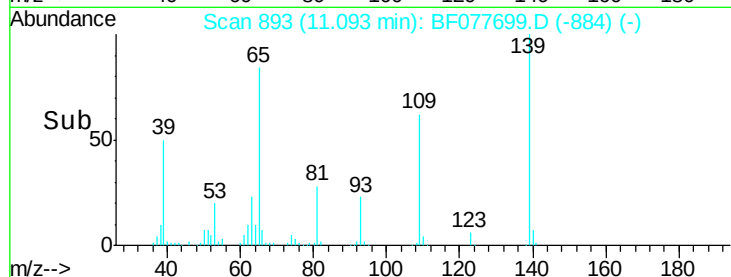
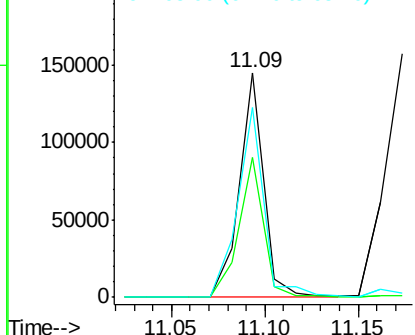
#55
4-Nitrophenol
Concen: 87.91 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:139 Resp: 132635
Ion Ratio Lower Upper
139 100
109 62.1 37.7 77.7
65 84.2 49.9 89.9



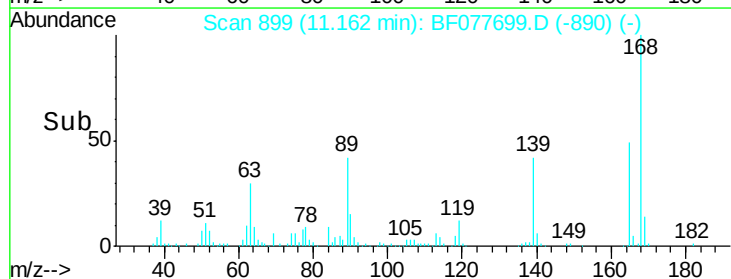
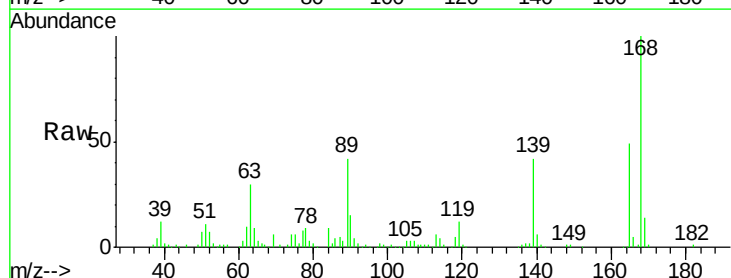
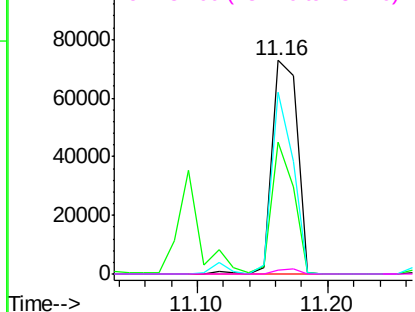
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

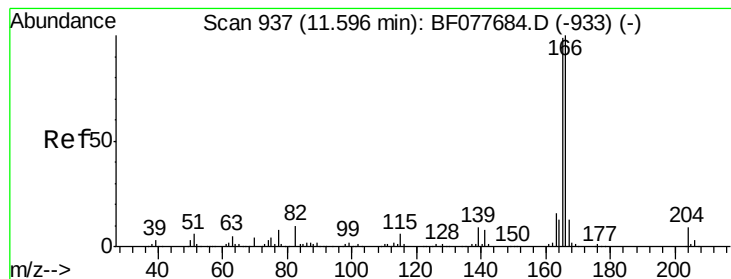


#56
2,4-Dinitrotoluene
Concen: 43.42 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:165 Resp: 99300
Ion Ratio Lower Upper
165 100
63 61.5 52.4 78.6
89 85.0 72.4 108.6
182 2.1 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.50 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

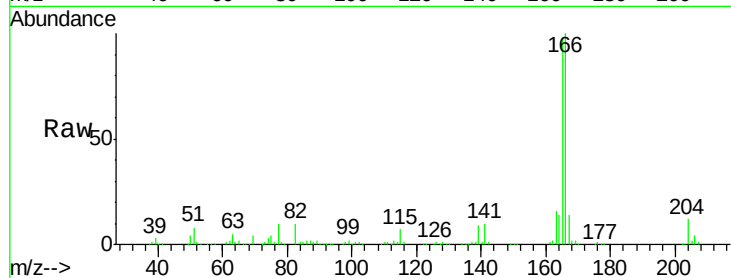
Tgt Ion:166 Resp: 343716

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

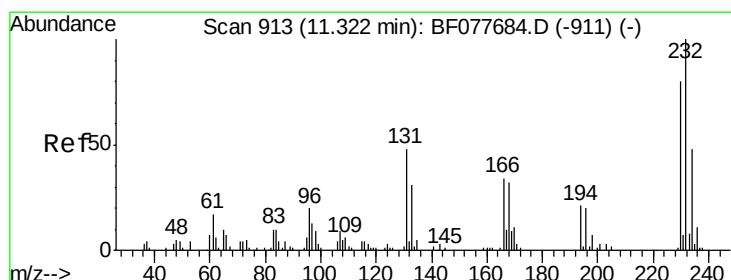
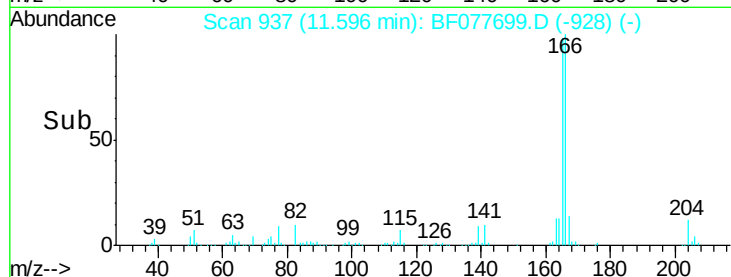
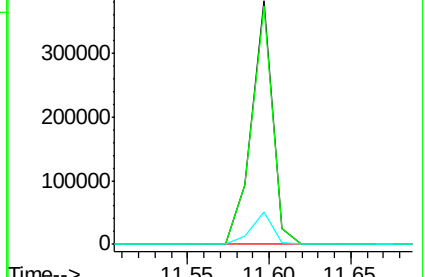
167 13.5 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.38 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:232 Resp: 81134

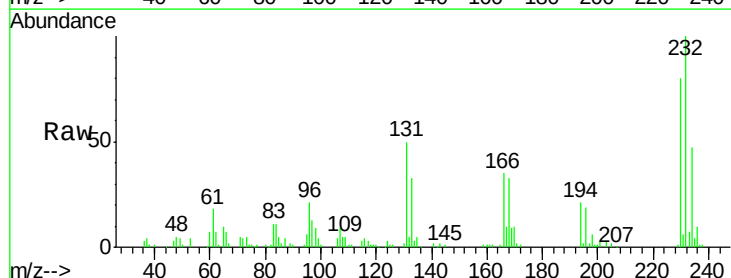
Ion Ratio Lower Upper

232 100

131 45.9 0.0 0.0#

130 1.9 0.0 0.0#

166 32.4 0.0 0.0#

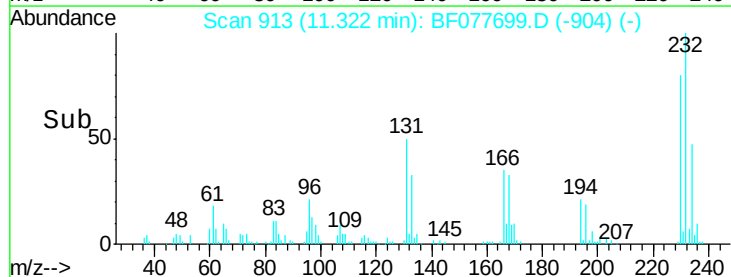
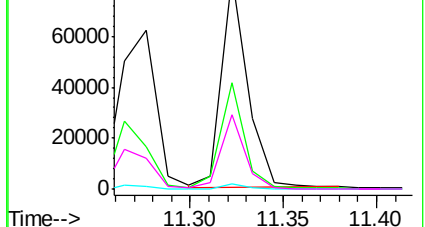


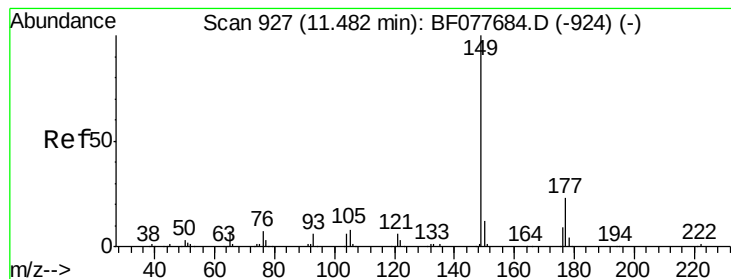
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.66 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

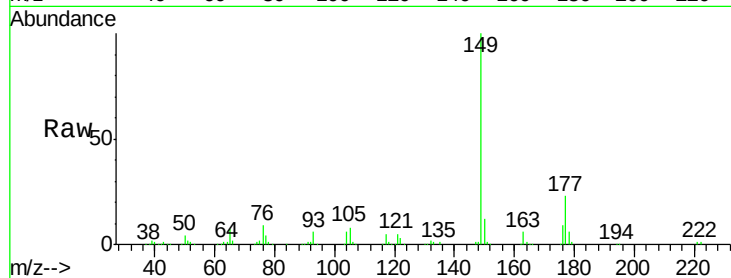
Tgt Ion:149 Resp: 343413

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

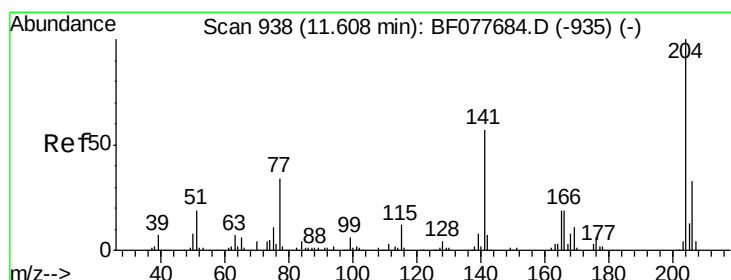
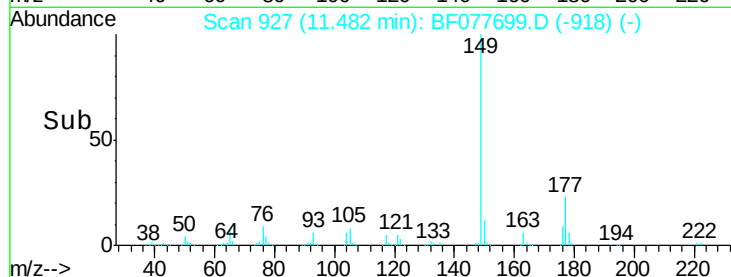
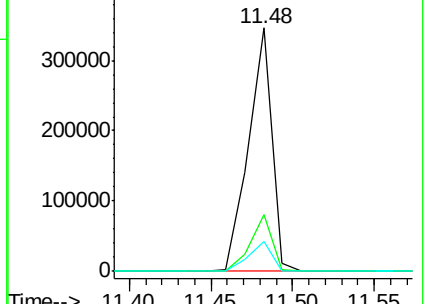
150 12.2 9.8 14.8



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: 39.99 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

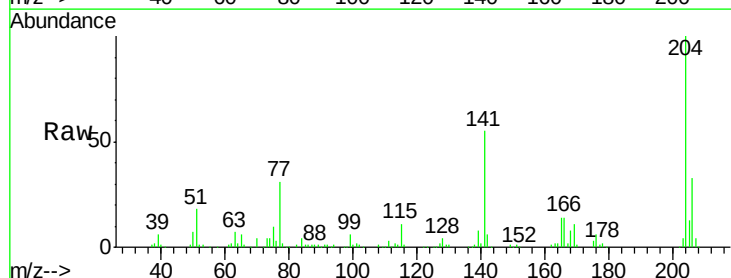
Tgt Ion:204 Resp: 158803

Ion Ratio Lower Upper

204 100

206 32.5 26.6 39.8

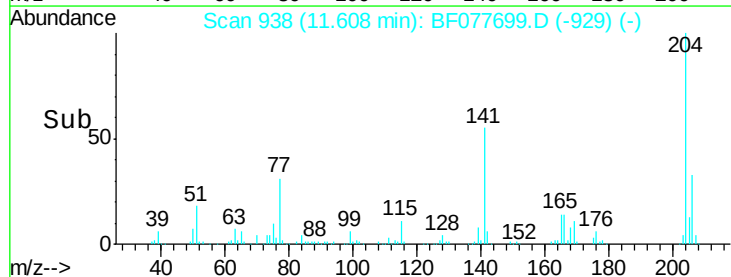
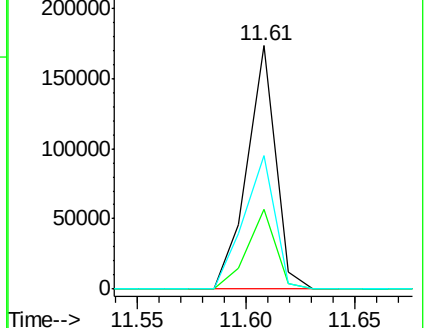
141 55.1 45.2 67.8

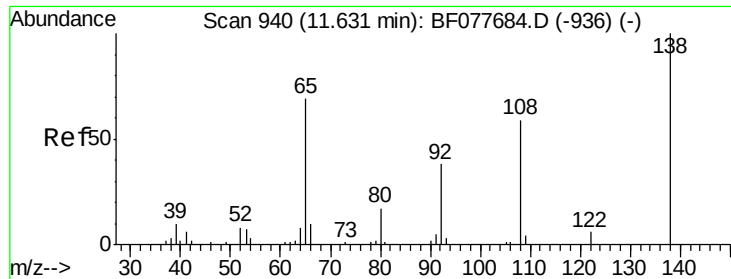


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

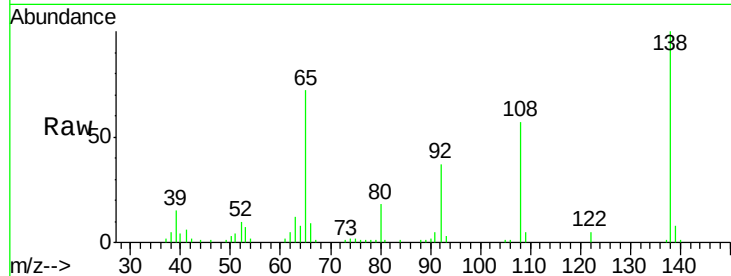




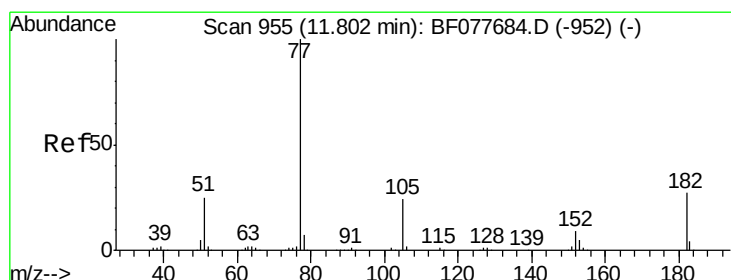
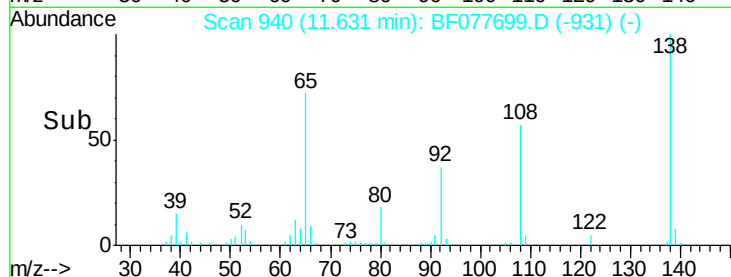
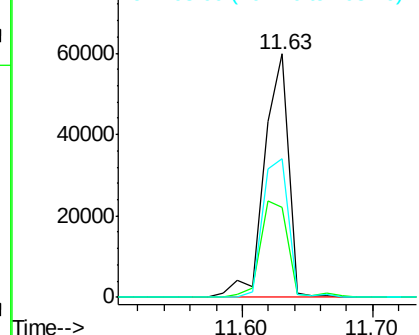
#61
4-Nitroaniline
Concen: 38.11 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:138 Resp: 77364
Ion Ratio Lower Upper
138 100
92 37.1 16.7 56.7
108 57.1 37.6 77.6

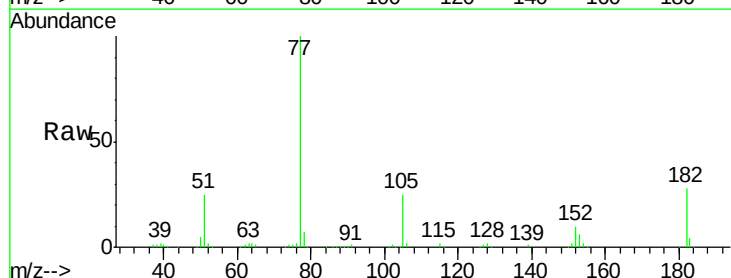


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

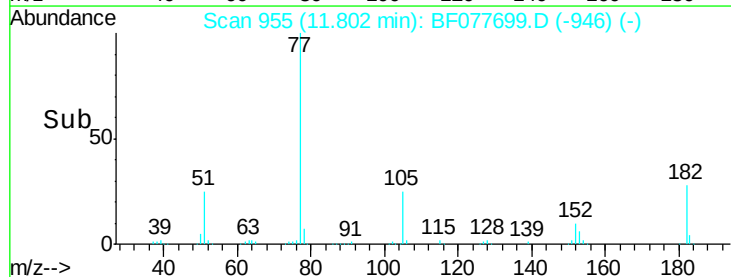
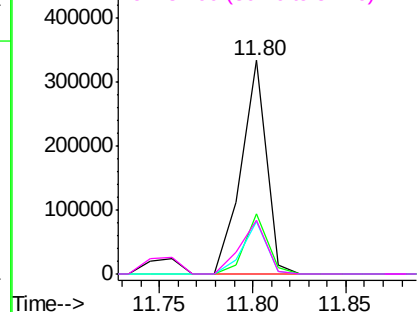


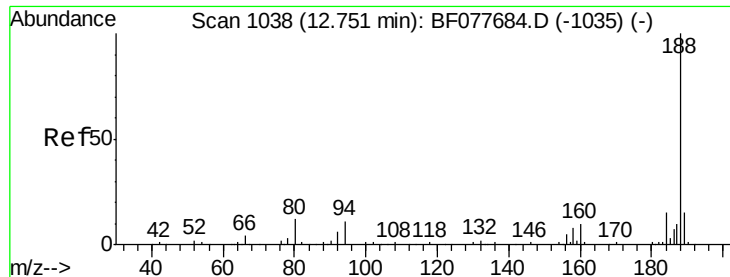
#62
Azobenzene
Concen: 40.16 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion: 77 Resp: 316376
Ion Ratio Lower Upper
77 100
182 28.4 6.5 46.5
105 24.6 3.8 43.8
51 25.1 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

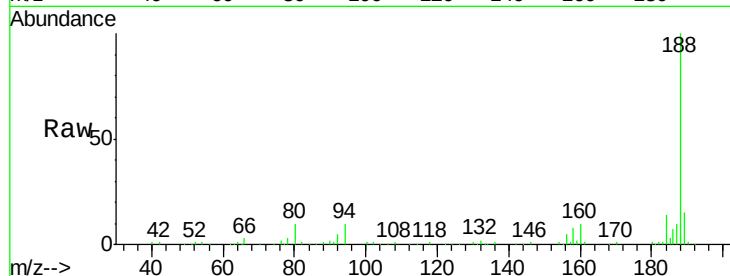




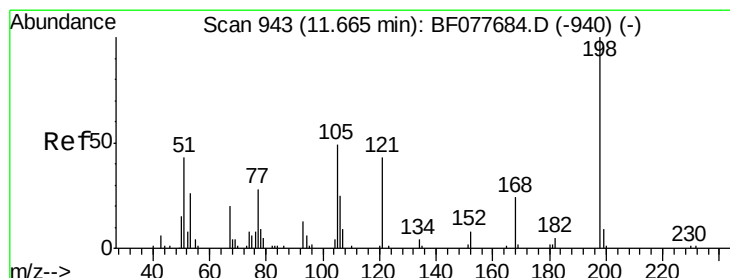
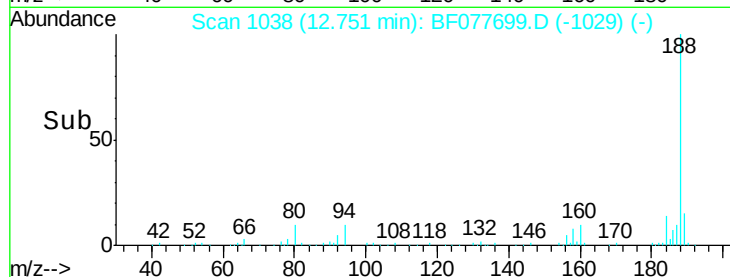
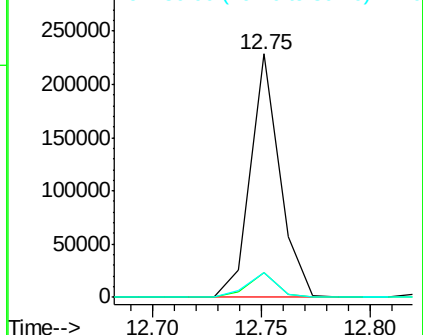
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:188 Resp: 214538
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 10.3 9.3 13.9

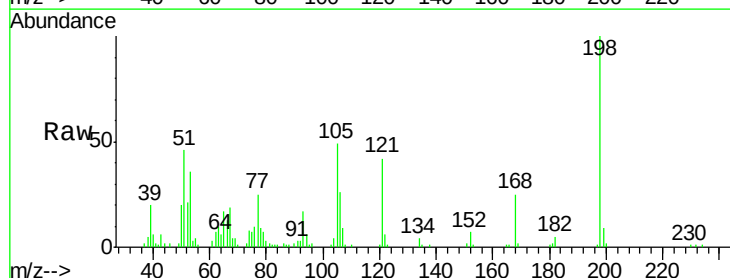


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

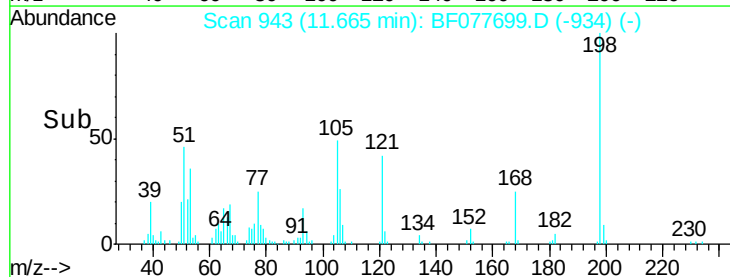
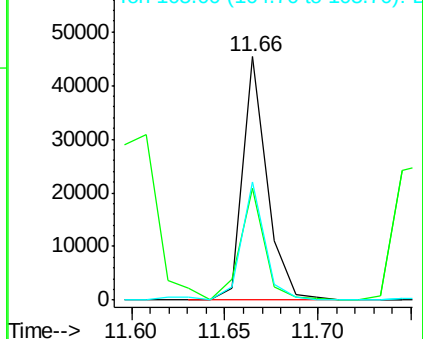


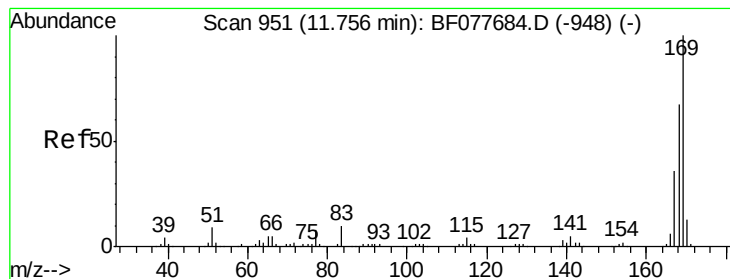
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.59 ng
 RT: 11.66 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:198 Resp: 41493
 Ion Ratio Lower Upper
 198 100
 51 45.9 28.8 68.8
 105 48.5 30.5 70.5



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

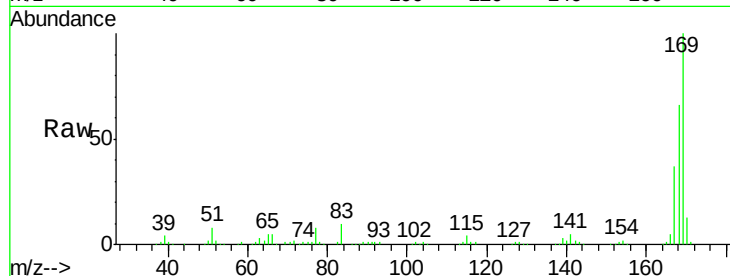




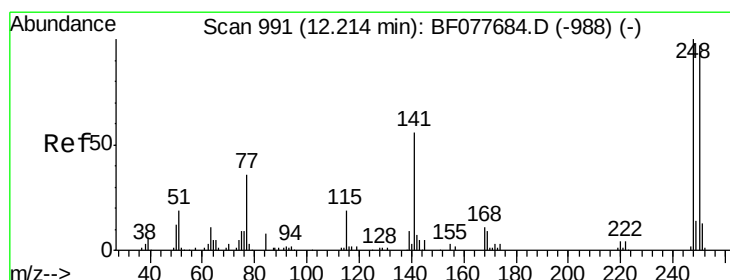
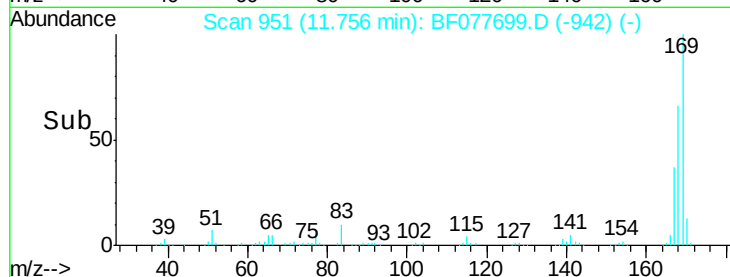
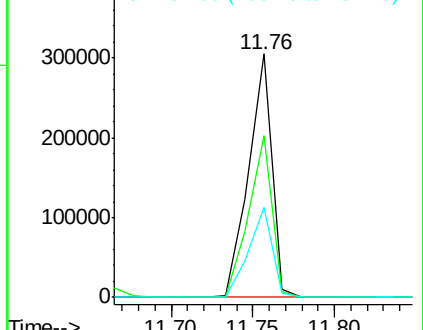
#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:169 Resp: 300853
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 37.0 28.9 43.3

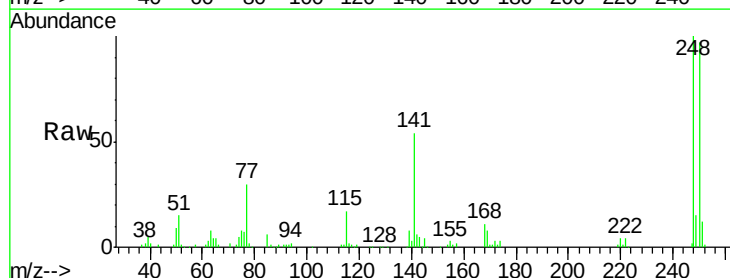


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

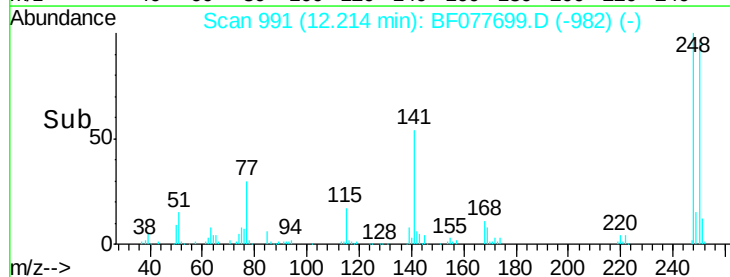
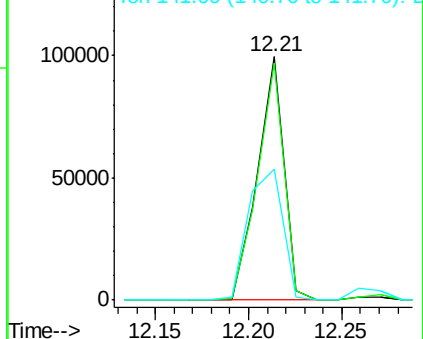


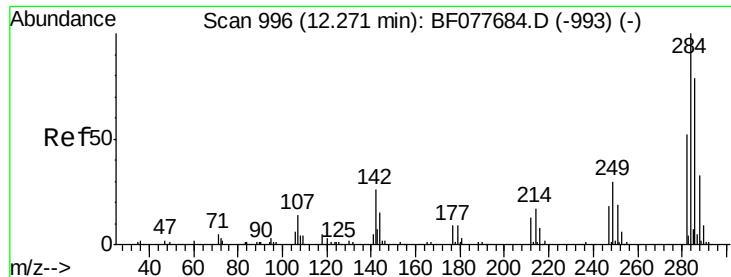
#66
 4-Bromophenyl-phenylether
 Concen: 42.52 ng
 RT: 12.21 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:248 Resp: 97340
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.4 116.0
 141 53.6 45.2 67.8



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

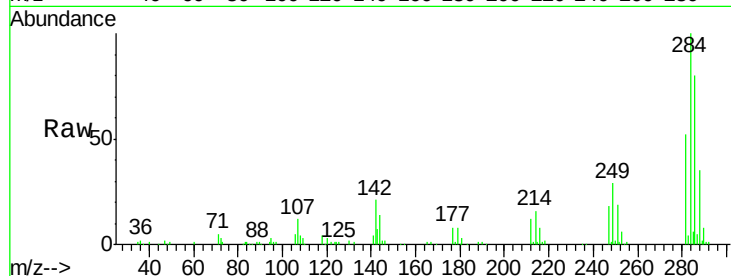




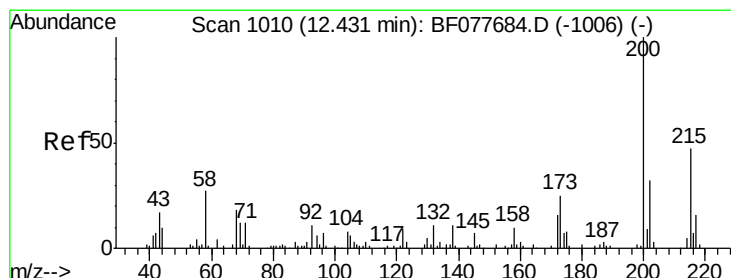
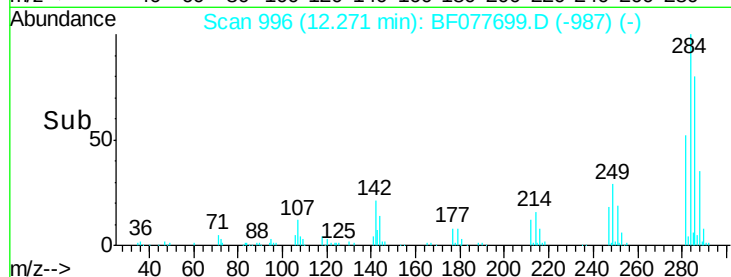
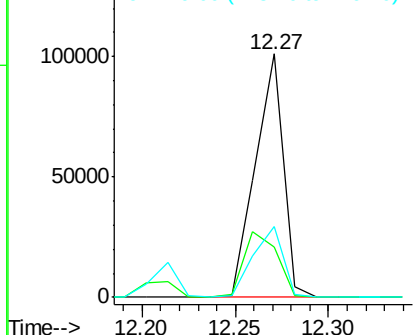
#67
Hexachlorobenzene
Concen: 42.27 ng
RT: 12.27 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:284 Resp: 106328
Ion Ratio Lower Upper
284 100
142 20.5 20.4 30.6
249 29.2 23.8 35.6

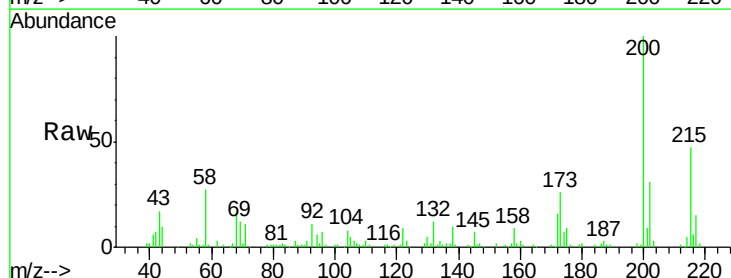


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

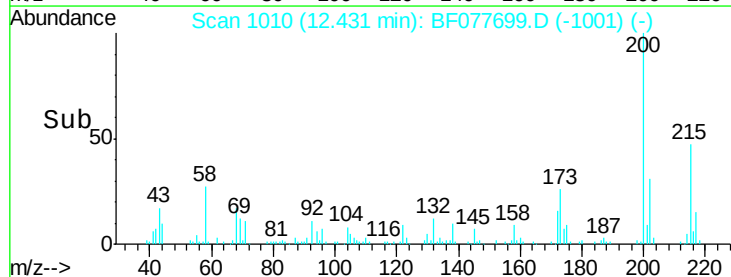
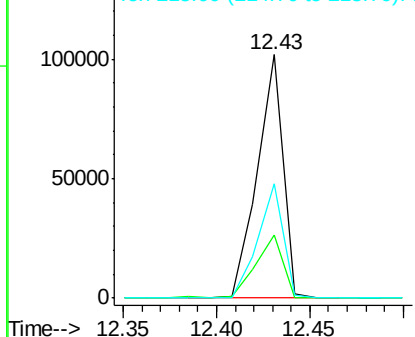


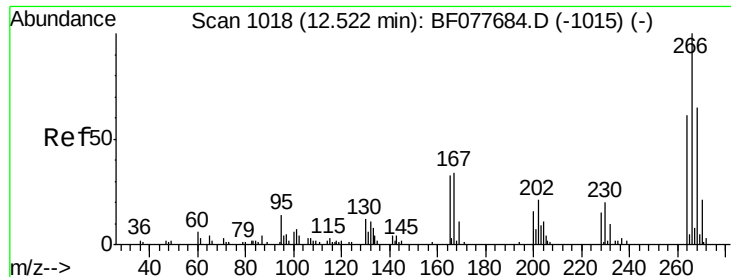
#68
Atrazine
Concen: 49.27 ng
RT: 12.43 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:200 Resp: 98645
Ion Ratio Lower Upper
200 100
173 25.7 4.8 44.8
215 46.7 26.9 66.9



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

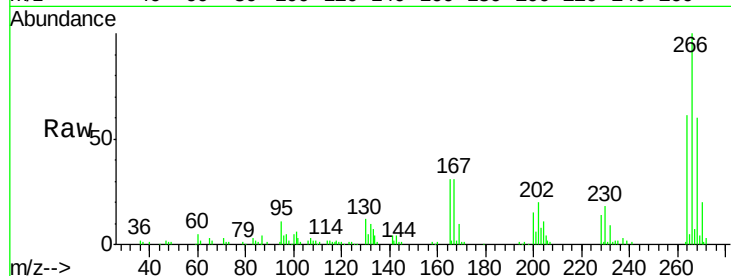




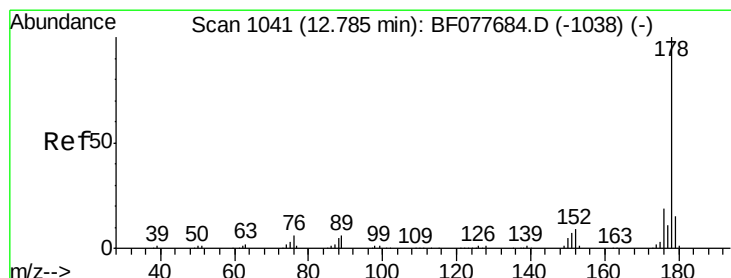
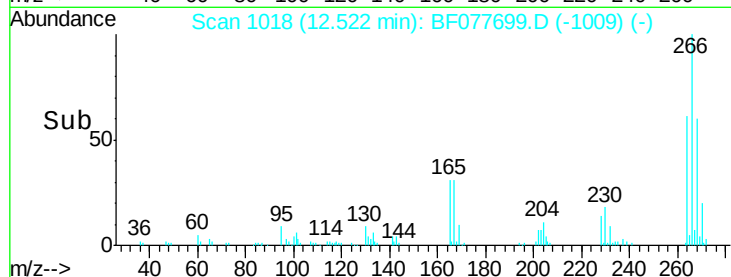
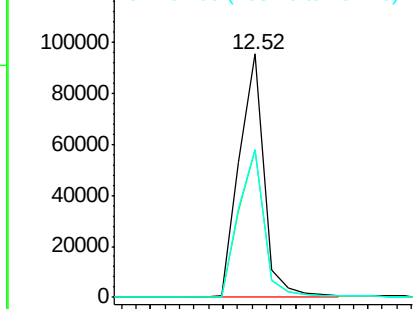
#69
 Pentachlorophenol
 Concen: 86.95 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:266 Resp: 114935
 Ion Ratio Lower Upper
 266 100
 268 60.4 52.0 78.0
 264 60.6 49.0 73.4

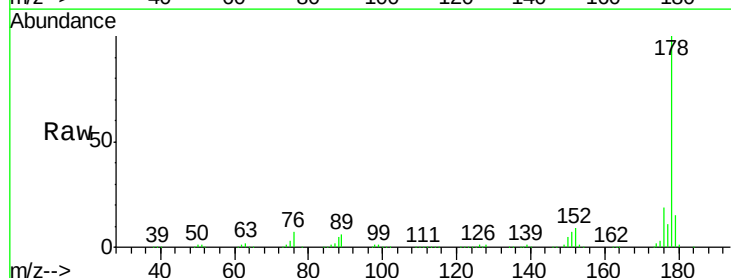


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

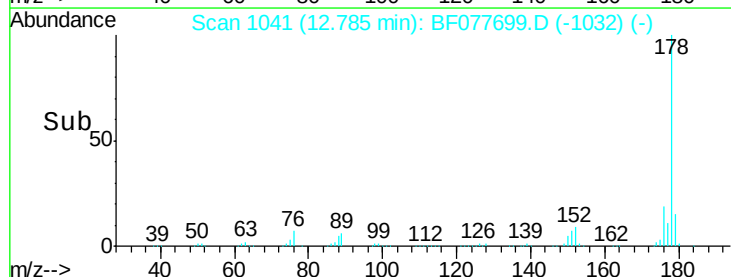
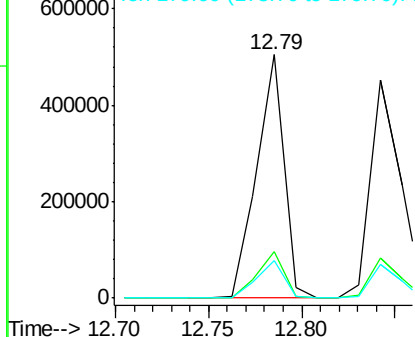


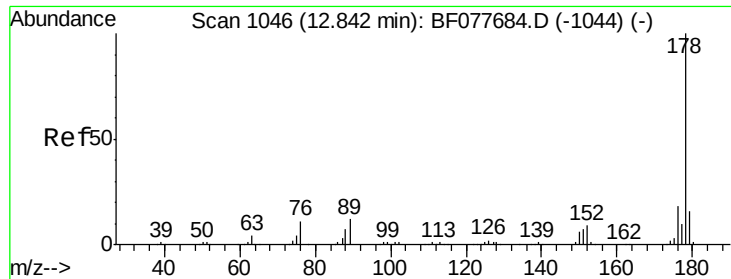
#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:178 Resp: 508718
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.2 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

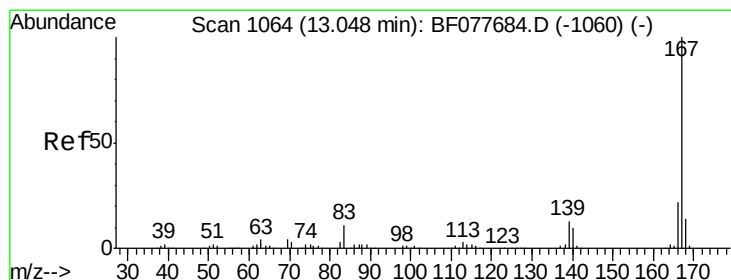
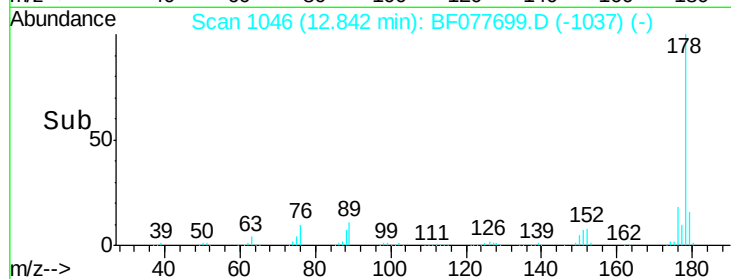
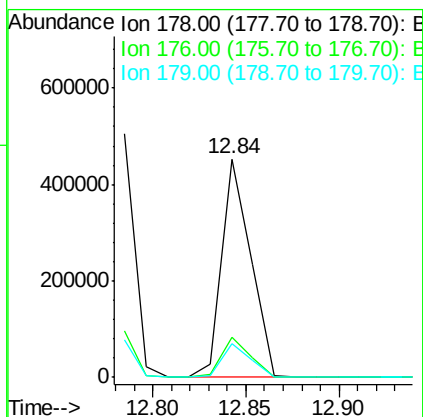
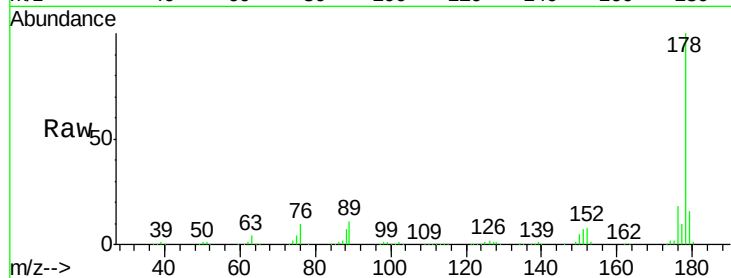




#71
 Anthracene
 Concen: 40.35 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

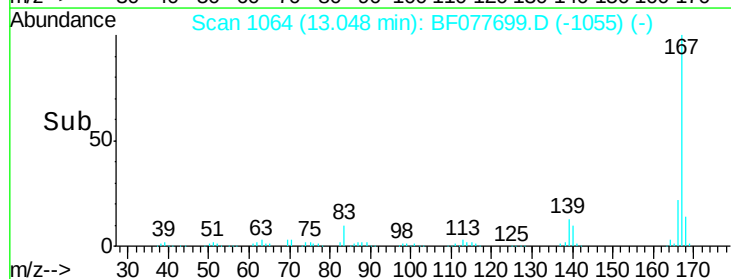
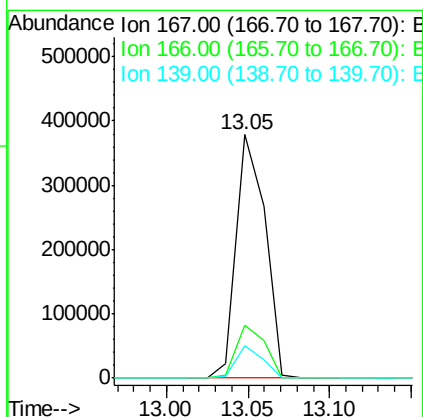
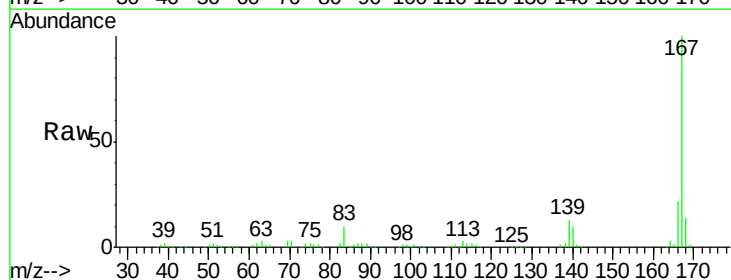
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

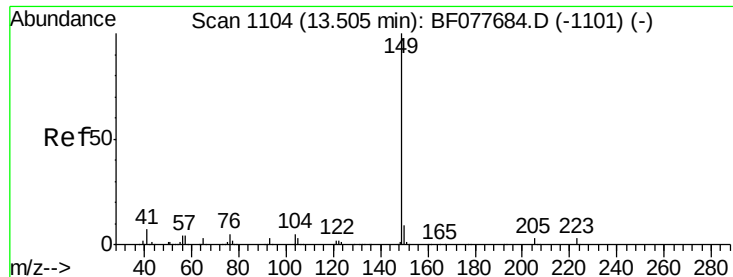
Tgt Ion:178 Resp: 490978
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 39.91 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:167 Resp: 461936
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.10 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

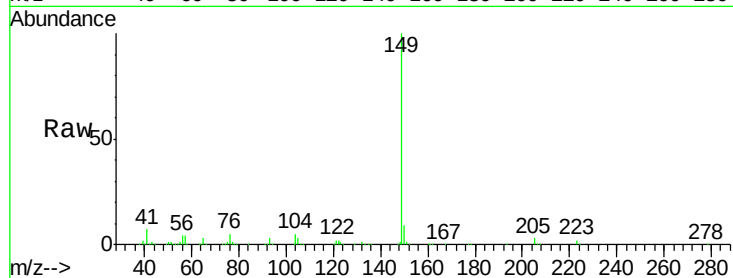
Tgt Ion:149 Resp: 546409

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

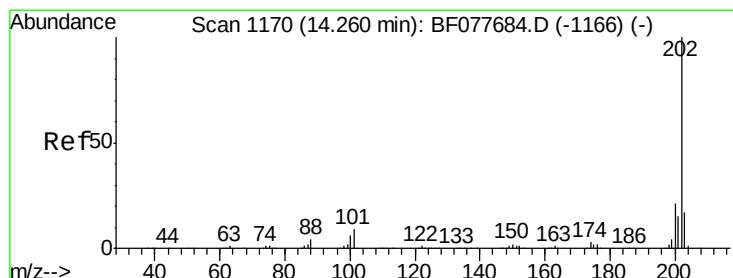
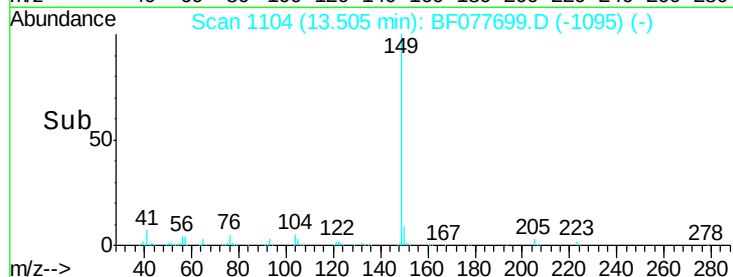
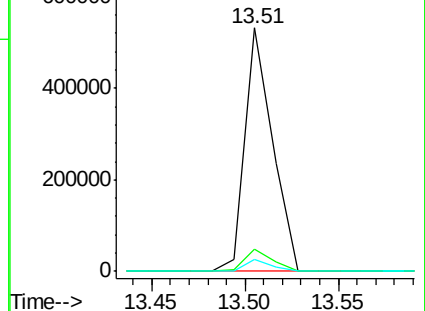
104 4.7 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.40 ng

RT: 14.26 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

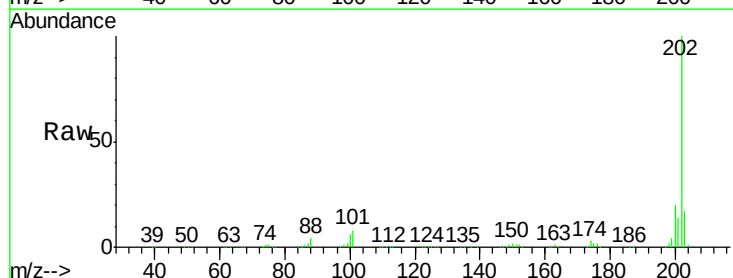
Tgt Ion:202 Resp: 562439

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.7

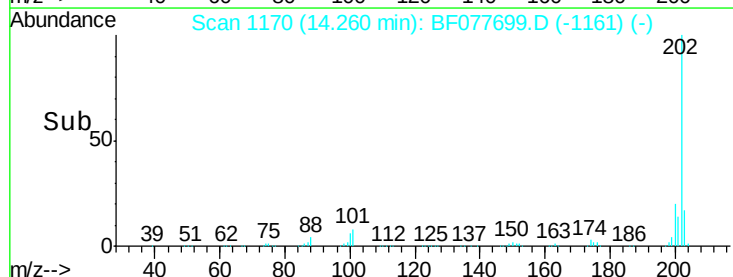
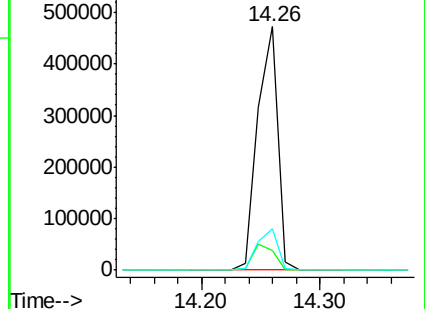
203 17.1 0.0 37.2

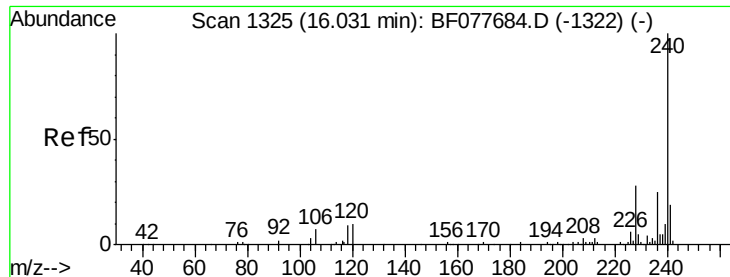


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

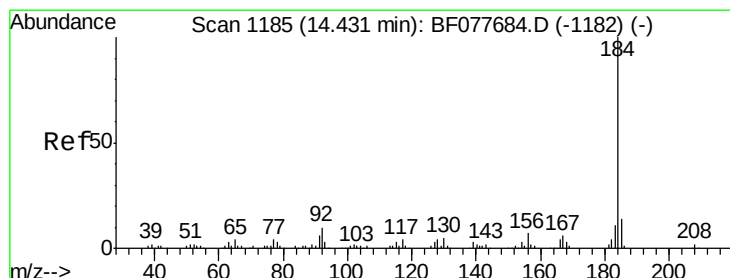
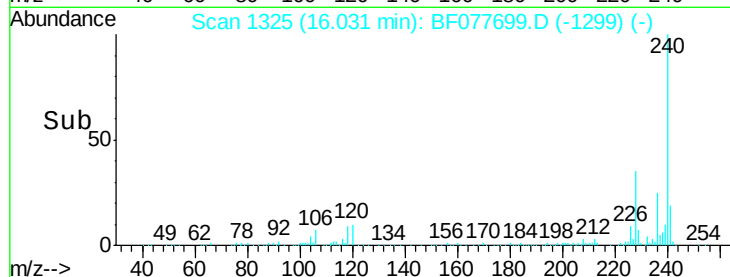
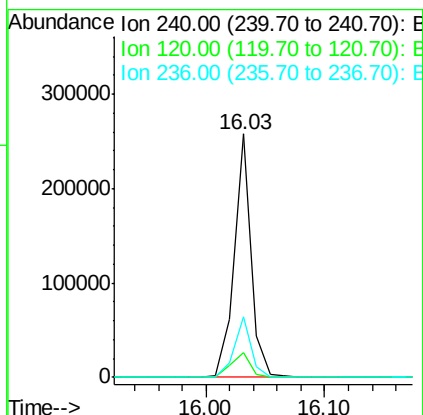
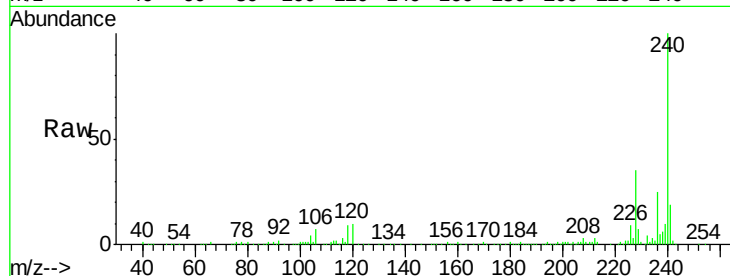




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

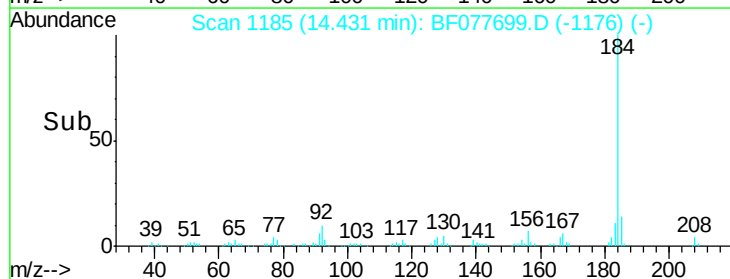
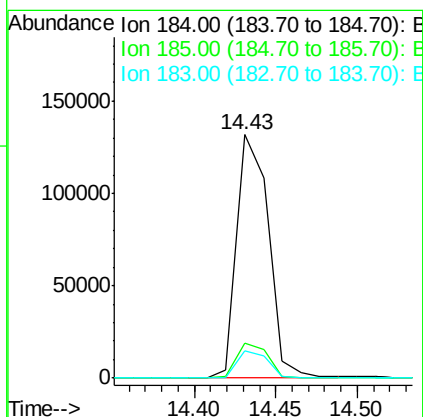
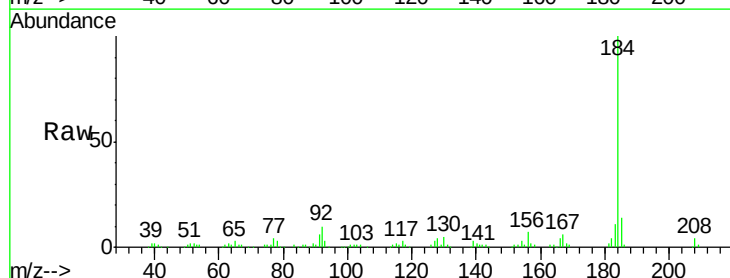
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

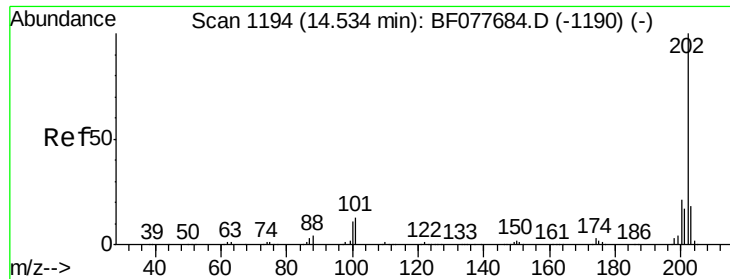
Tgt Ion:240 Resp: 253515
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 24.7 20.0 30.0



#76
Benzidine
Concen: 28.05 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:184 Resp: 176812
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.4 8.9 13.3

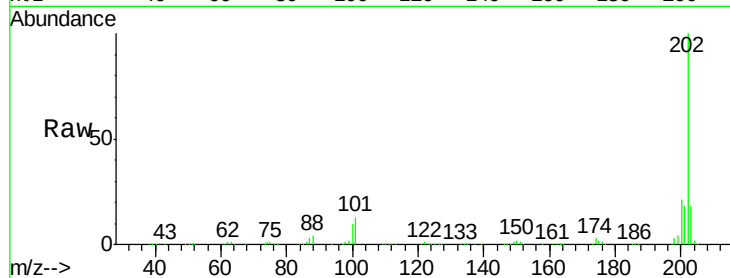




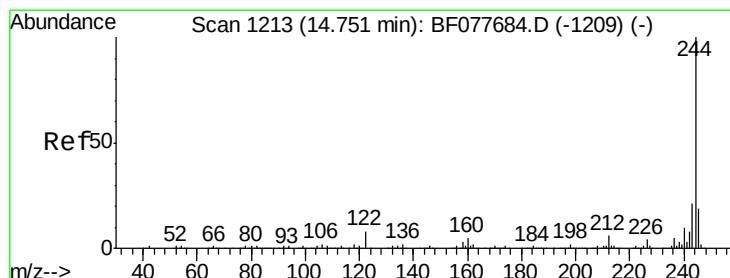
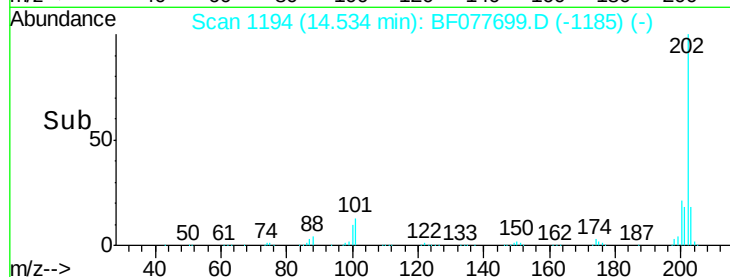
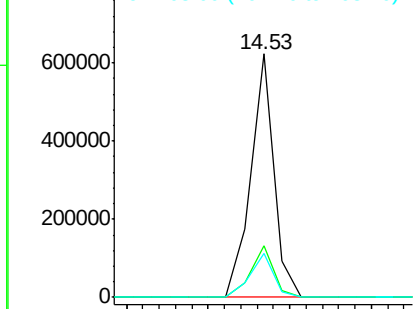
#77
 Pyrene
 Concen: 38.53 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1

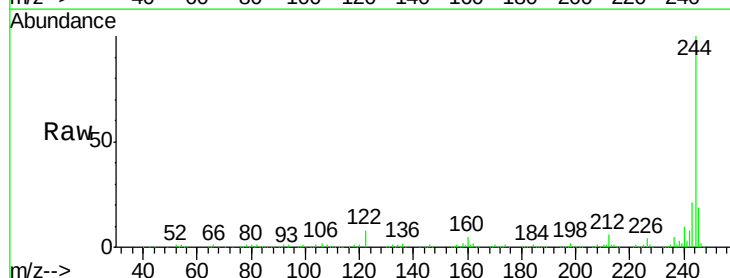


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

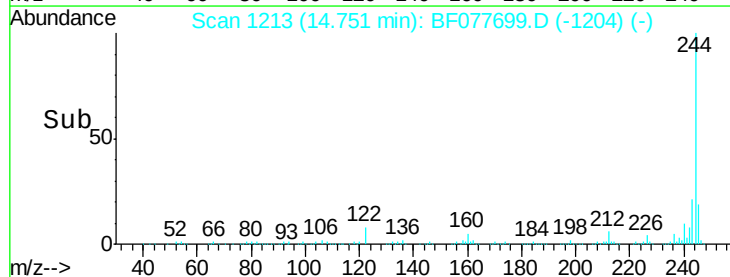
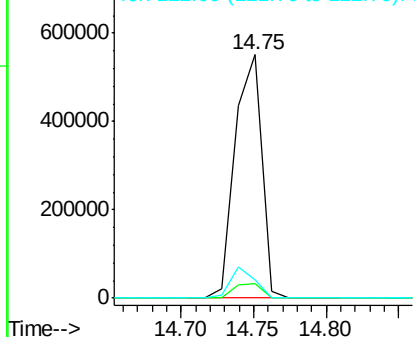


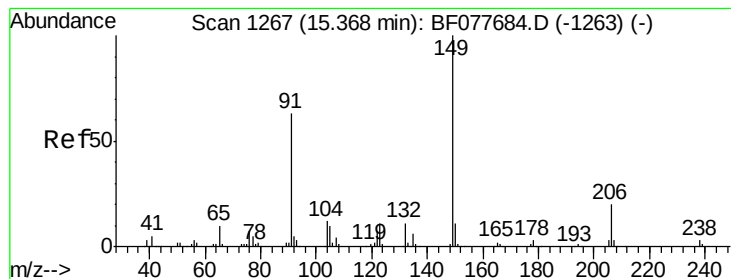
#78
 Terphenyl-d14
 Concen: 67.68 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	7.6	6.2	9.4



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

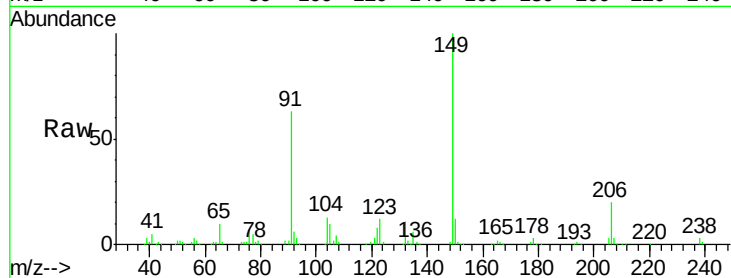




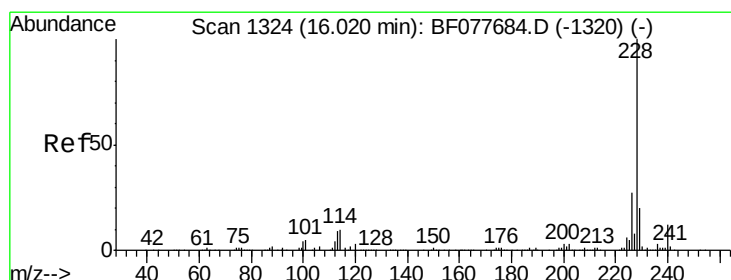
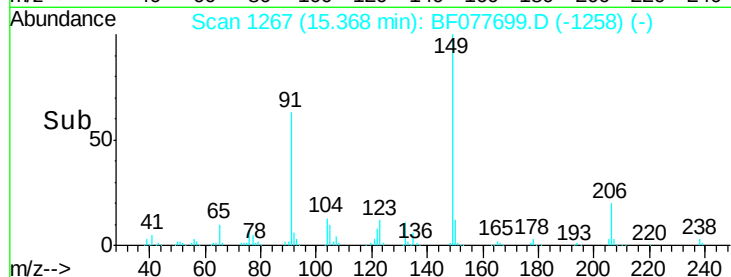
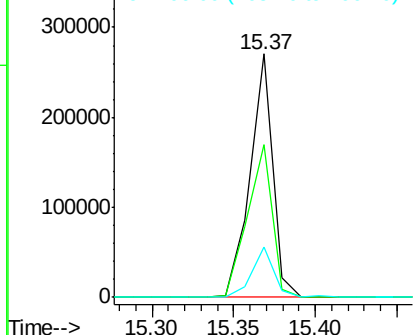
#79
Butylbenzylphthalate
Concen: 41.57 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:149 Resp: 261282
Ion Ratio Lower Upper
149 100
91 62.7 50.1 75.1
206 20.5 16.2 24.2

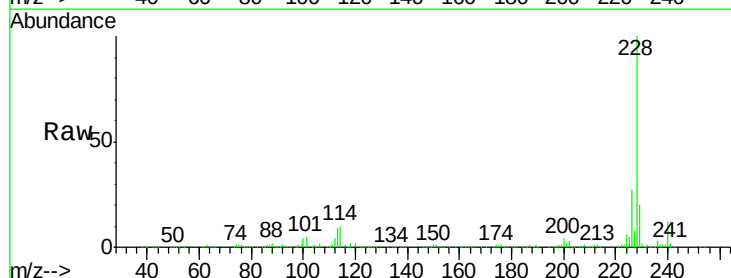


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

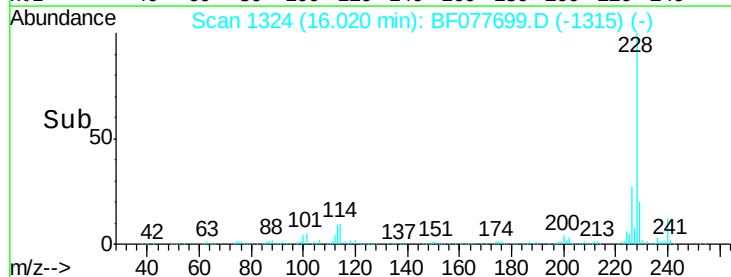
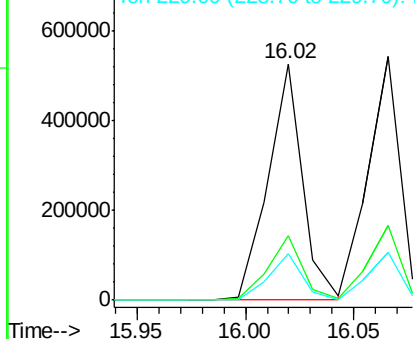


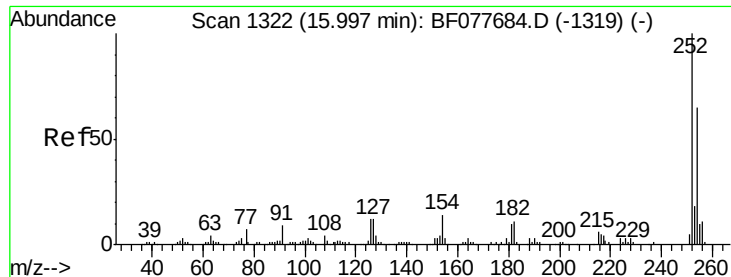
#80
Benzo(a)anthracene
Concen: 38.99 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:228 Resp: 585894
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 16.0 24.0



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

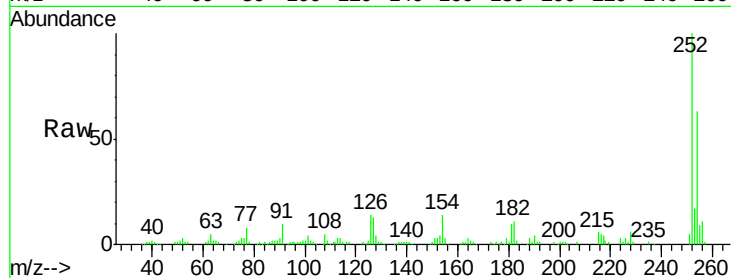




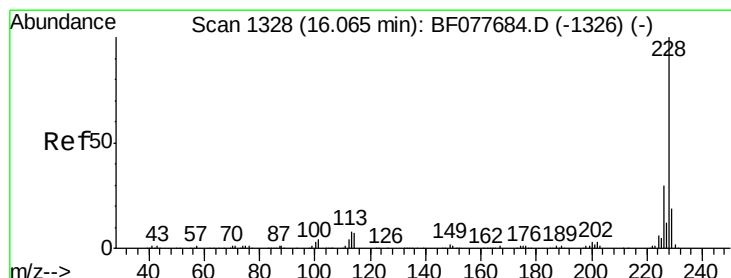
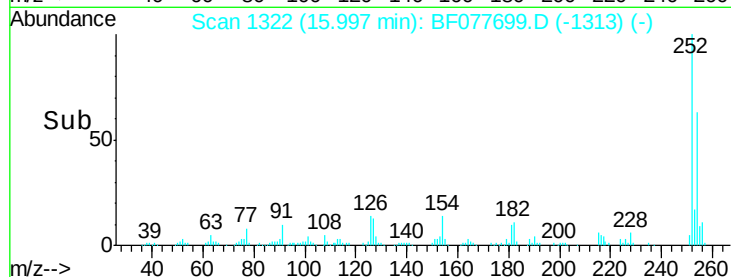
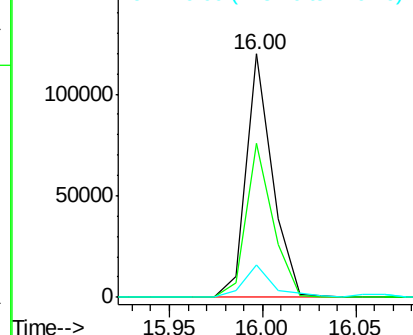
#81
 3,3'-Dichlorobenzidine
 Concen: 23.76 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:252 Resp: 117784
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.9 77.9
 126 13.5 9.8 14.8

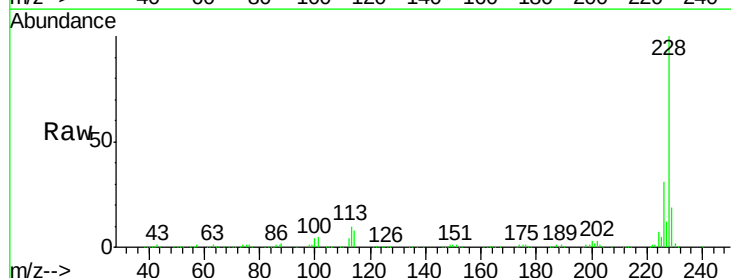


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

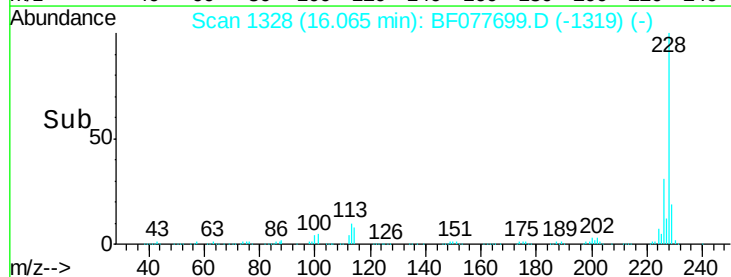
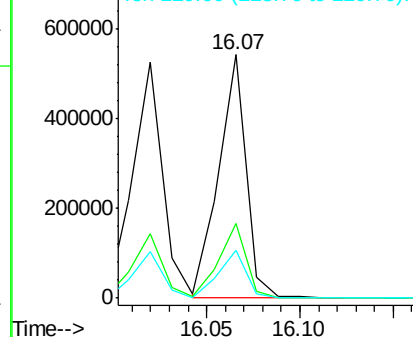


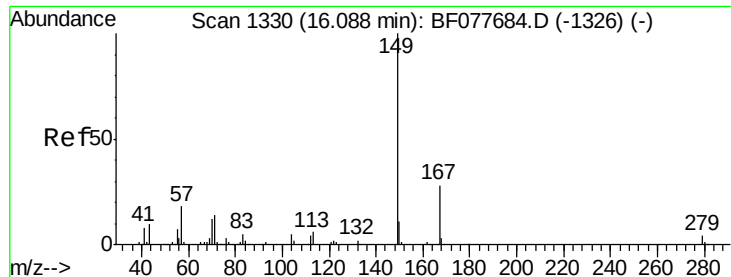
#82
 Chrysene
 Concen: 41.14 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:228 Resp: 555926
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.5 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.90 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

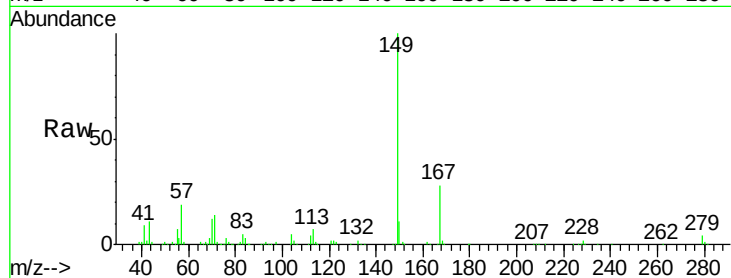
Tgt Ion:149 Resp: 398911

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

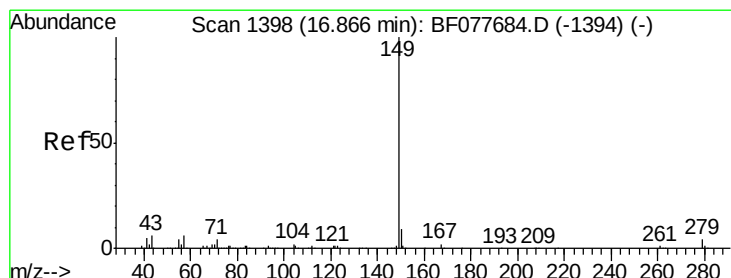
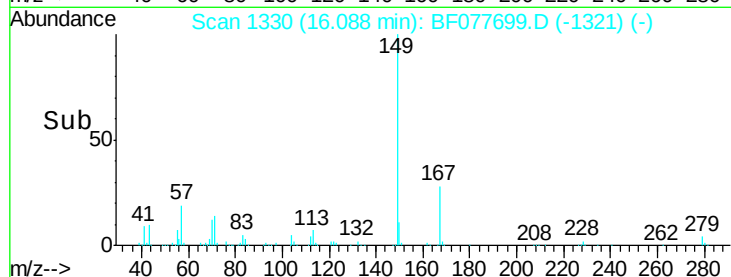
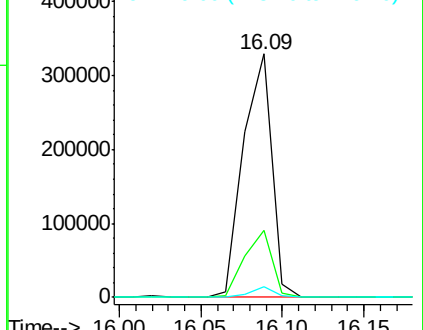
279 4.2 3.4 5.0



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: 40.81 ng

RT: 16.87 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

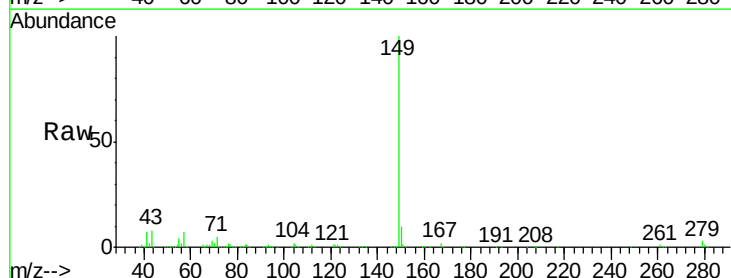
Tgt Ion:149 Resp: 664353

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

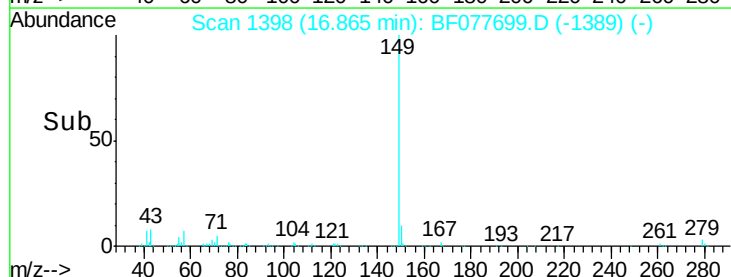
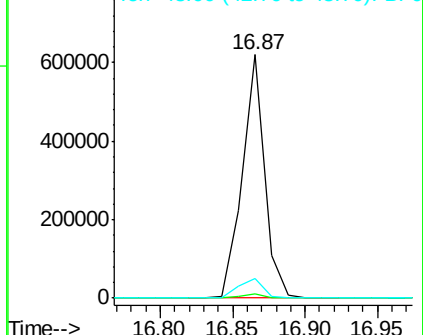
43 9.4 7.3 10.9

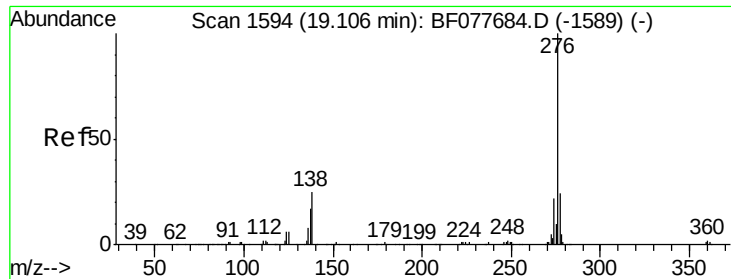


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

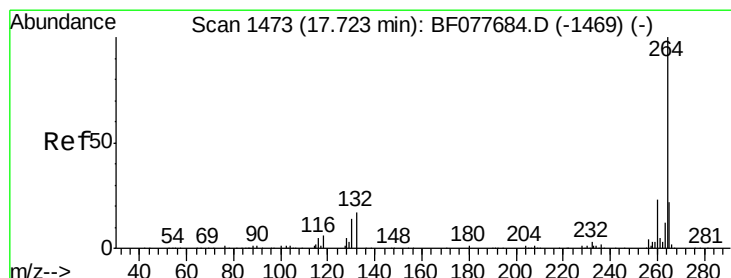
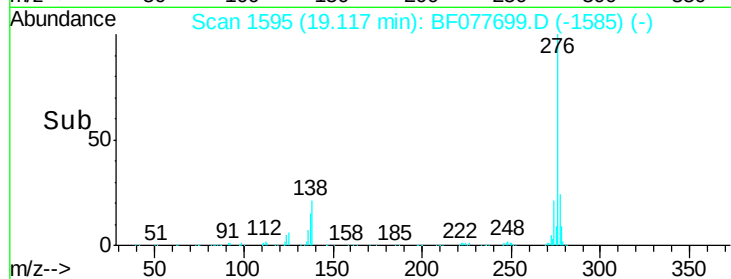
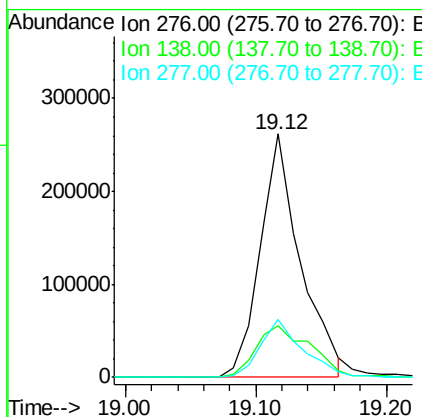
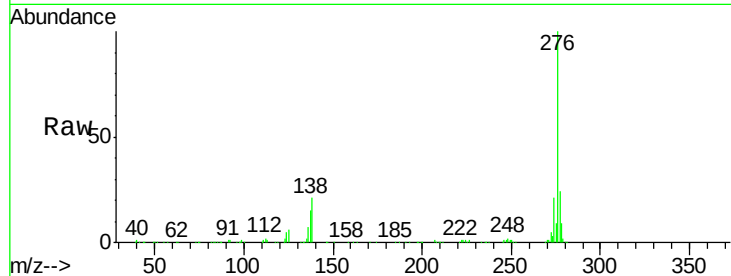




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.41 ng
 RT: 19.12 min Scan# 1595
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

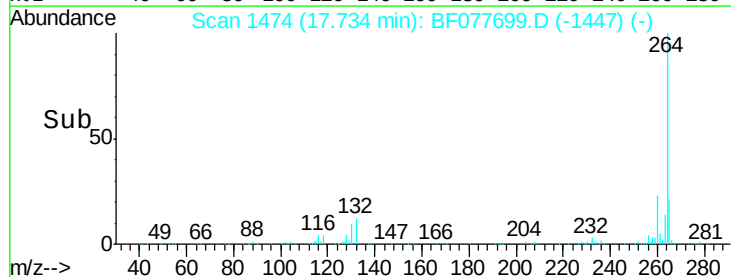
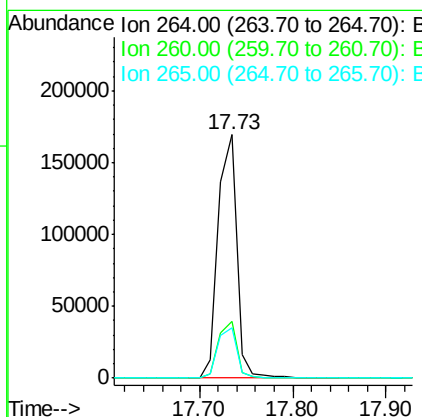
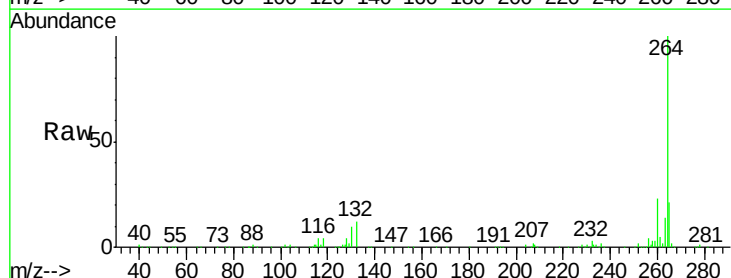
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

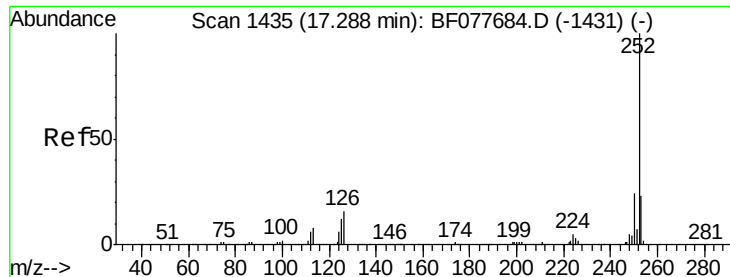
Tgt Ion: 276 Resp: 563532
 Ion Ratio Lower Upper
 276 100
 138 28.2 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion: 264 Resp: 235497
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.7 17.3 25.9

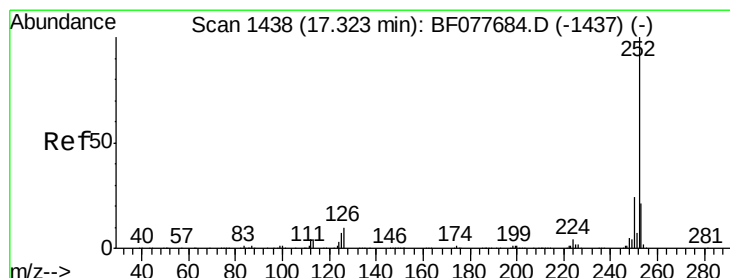
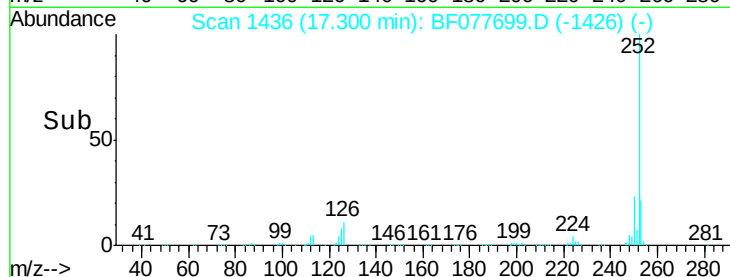
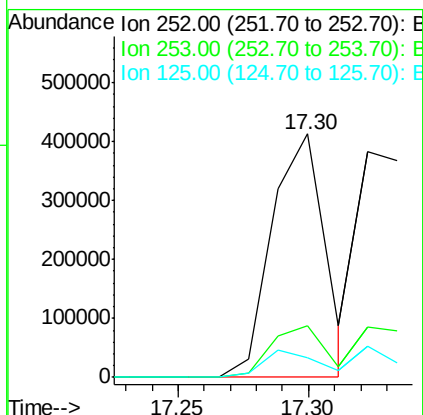
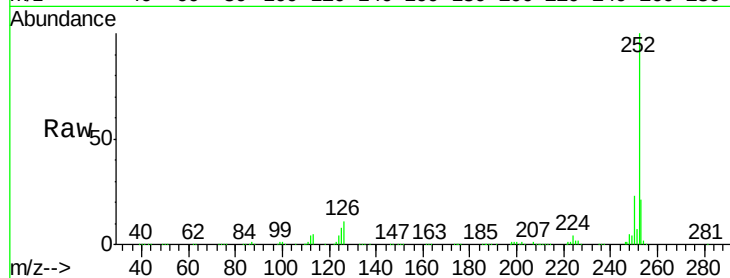




#87
Benzo(b)fluoranthene
Concen: 38.03 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

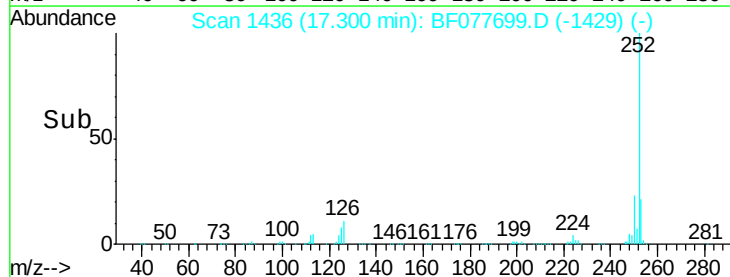
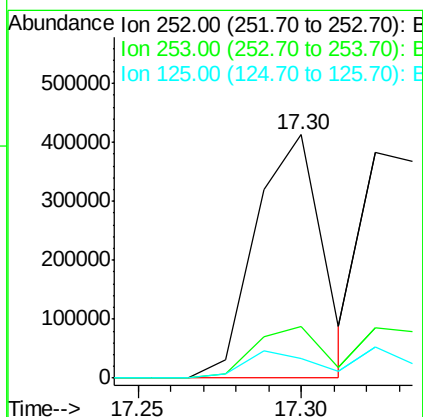
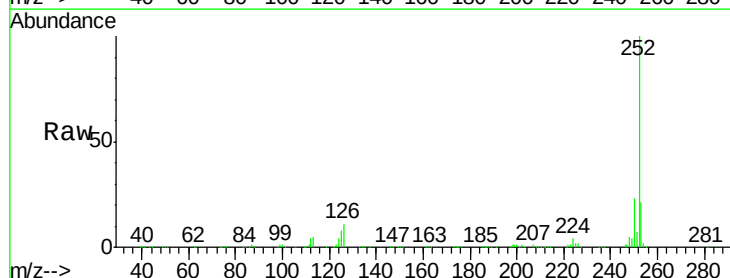
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

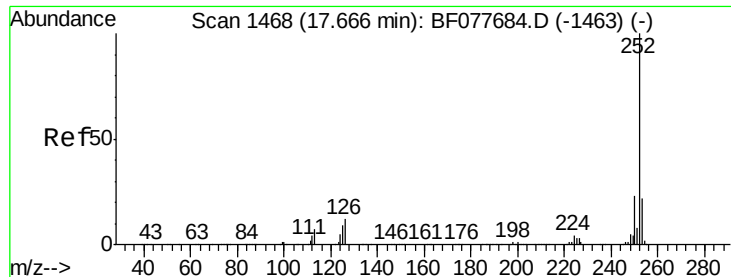
Tgt Ion:252 Resp: 584614
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 8.1 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 48.68 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:252 Resp: 584572
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 8.1 8.1 12.1





#89

Benzo(a)pyrene

Concen: 42.68 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

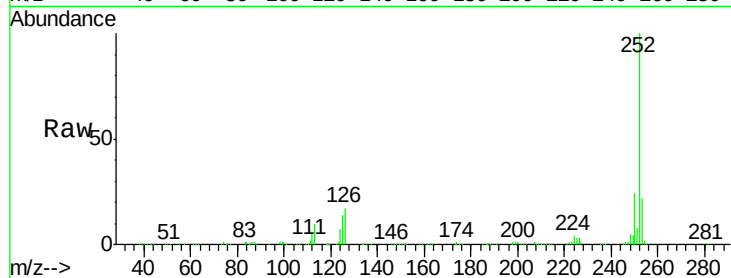
Tgt Ion:252 Resp: 547437

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

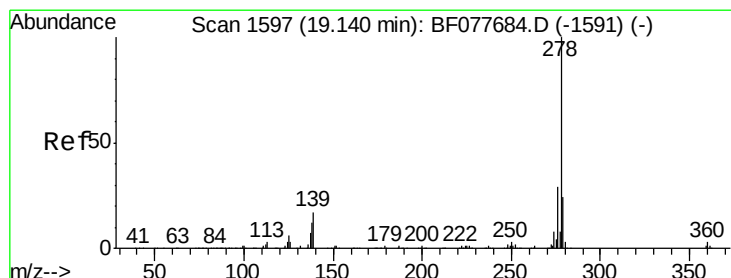
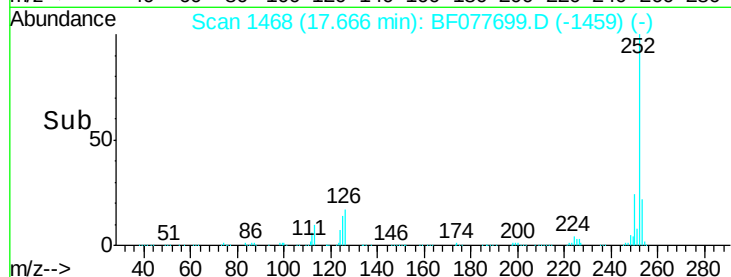
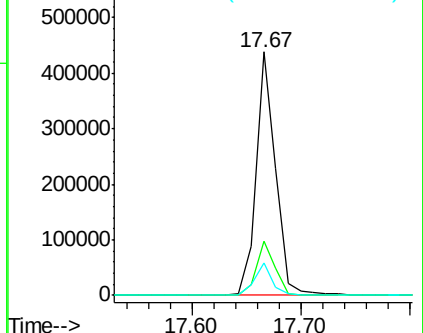
125 13.5 7.4 11.2#



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: 37.09 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

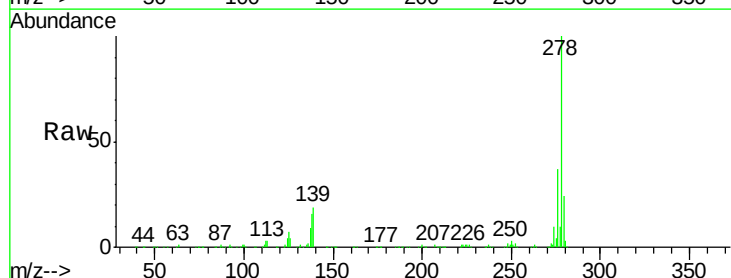
Tgt Ion:278 Resp: 471857

Ion Ratio Lower Upper

278 100

139 19.4 13.4 20.0

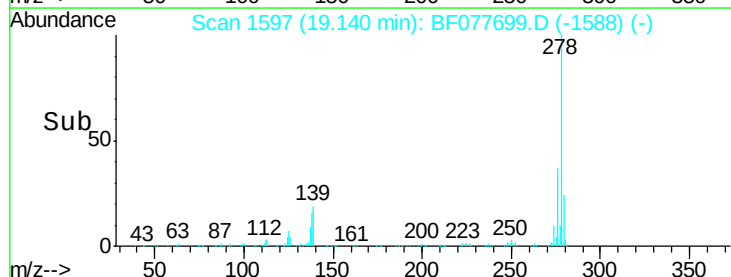
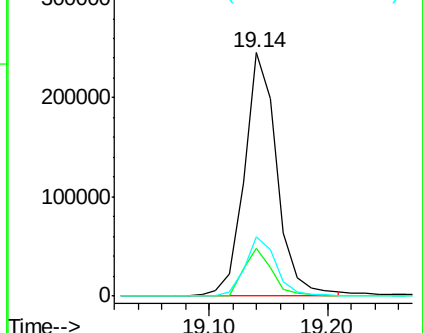
279 24.4 19.0 28.4

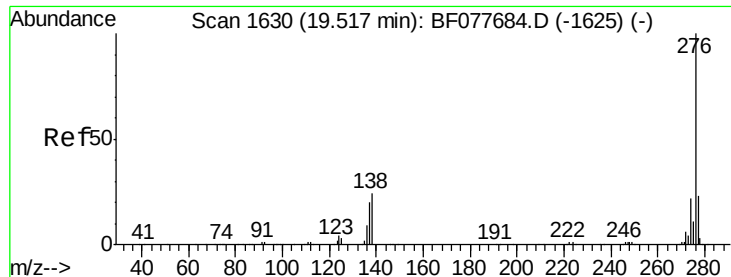


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.54 ng

RT: 19.53 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

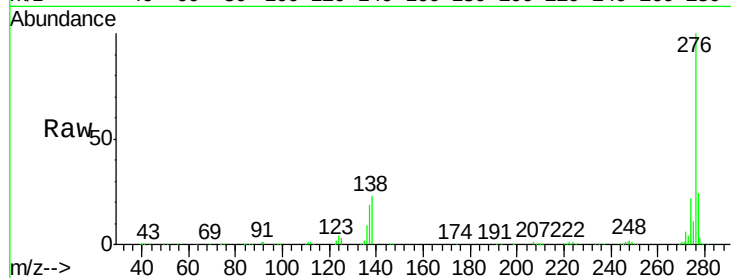
Tgt Ion: 276 Resp: 473292

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 22.5 19.0 28.6



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

