

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
 Data File : BF077729.D
 Acq On : 12 Mar 2015 16:32
 Operator : TP/IZ
 Sample : PB82093BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Quant Time: Mar 13 00:09:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 00:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	50178	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	207173	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	109750	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	219298	20.00	ng	-0.01
75) Chrysene-d12	16.04	240	220526	20.00	ng	-0.13
86) Perylene-d12	17.85	264	214996	20.00	ng	-0.34

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	344833	119.96	ng	0.00
7) Phenol-d6	6.74	99	443600	124.90	ng	0.00
23) Nitrobenzene-d5	7.86	82	245382	77.64	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	117589	111.98	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	558716	74.81	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	35797	27.43	ng	# 100
3) Pyridine	2.77	79	106396	30.34	ng	96
4) n-Nitrosodimethylamine	2.69	42	49803	32.62	ng	92
6) Aniline	6.75	93	100705	19.82	ng	# 1
8) 2-Chlorophenol	6.90	128	135505	39.60	ng	98
9) Benzaldehyde	6.61	77	12764	8.77	ng	98
10) Phenol	6.75	94	158132	37.66	ng	92
11) bis(2-Chloroethyl)ether	6.86	93	120157	38.21	ng	98
12) 1,3-Dichlorobenzene	7.09	146	135611	35.63	ng	97
13) 1,4-Dichlorobenzene	7.18	146	134376	33.98	ng	# 92
14) 1,2-Dichlorobenzene	7.37	146	130697	36.05	ng	# 91
15) Benzyl Alcohol	7.36	79	106269	38.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	160007	37.76	ng	99
17) 2-Methylphenol	7.50	107	107381	38.55	ng	99
18) Hexachloroethane	7.79	117	48333	37.27	ng	92
19) n-Nitroso-di-n-propylamine	7.69	70	90261	36.74	ng	98
20) 3+4-Methylphenols	7.70	107	140556	38.45	ng	99
22) Acetophenone	7.68	105	175161	38.19	ng	# 99
24) Nitrobenzene	7.88	77	126297	37.09	ng	97
25) Isophorone	8.19	82	233755	36.62	ng	97
26) 2-Nitrophenol	8.28	139	63039	37.82	ng	95
27) 2,4-Dimethylphenol	8.35	122	118197	38.92	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	145559	37.57	ng	99
29) 2,4-Dichlorophenol	8.58	162	116996	40.42	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	114856	35.46	ng	98
31) Naphthalene	8.77	128	382121	35.91	ng	99
32) Benzoic acid	8.45	122	48734	30.01	ng	95
33) 4-Chloroaniline	8.85	127	90759	21.02	ng	98
34) Hexachlorobutadiene	8.93	225	62294	33.93	ng	97
35) Caprolactam	9.26	113	32986	38.99	ng	97
36) 4-Chloro-3-methylphenol	9.46	107	118057	40.53	ng	97
37) 2-Methylnaphthalene	9.63	142	275510	38.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	116809	35.68	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	110915	68.17	ng	99

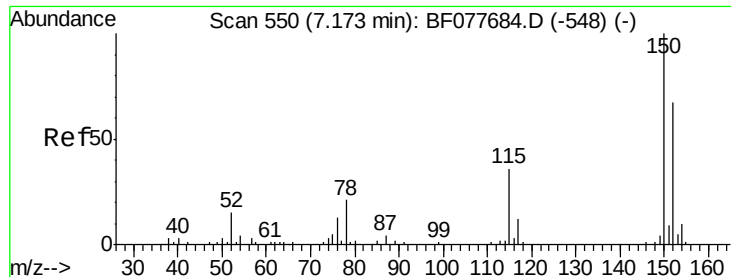
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	82297	36.29	ng	98
43) 2,4,5-Trichlorophenol	10.03	196	86490	35.31	ng	97
45) 1,1'-Biphenyl	10.21	154	325680	37.12	ng	98
46) 2-Chloronaphthalene	10.23	162	252190	35.37	ng	93
47) 2-Nitroaniline	10.36	65	70383	39.75	ng	99
48) Acenaphthylene	10.74	152	401702	33.88	ng	99
49) Dimethylphthalate	10.60	163	301594	37.05	ng	100
50) 2,6-Dinitrotoluene	10.67	165	64983	38.51	ng	96
51) Acenaphthene	10.96	154	239145	35.18	ng	98
52) 3-Nitroaniline	10.88	138	51793	26.43	ng	93
53) 2,4-Dinitrophenol	11.00	184	38744	64.27	ng	93
54) Dibenzofuran	11.17	168	378967	37.59	ng	98
55) 4-Nitrophenol	11.09	139	105298	72.54	ng	# 81
56) 2,4-Dinitrotoluene	11.16	165	84997	38.63	ng	98
57) Fluorene	11.60	166	308486	36.85	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70690	37.48	ng	# 100
59) Diethylphthalate	11.48	149	299436	37.75	ng	99
60) 4-Chlorophenyl-phenylether	11.61	204	138768	36.32	ng	96
61) 4-Nitroaniline	11.63	138	70125	35.91	ng	94
62) Azobenzene	11.80	77	283692	37.43	ng	97
64) 4,6-Dinitro-2-methylphenol	11.67	198	34465	34.60	ng	91
65) n-Nitrosodiphenylamine	11.76	169	258424	35.39	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	83700	35.76	ng	96
67) Hexachlorobenzene	12.27	284	89161	34.67	ng	# 93
68) Atrazine	12.43	200	86348	42.20	ng	100
69) Pentachlorophenol	12.52	266	89352	66.87	ng	99
70) Phenanthrene	12.79	178	442587	35.16	ng	100
71) Anthracene	12.84	178	433863	34.88	ng	99
72) Carbazole	13.05	167	408427	34.52	ng	99
73) Di-n-butylphthalate	13.51	149	491737	37.07	ng	100
74) Fluoranthene	14.25	202	460236	33.14	ng	93
80) Benzo(a)anthracene	16.03	228	465640	35.62	ng	100
81) 3,3'-Dichlorobenzidine	16.01	252	106460	24.69	ng	# 95
82) Chrysene	16.08	228	437148	37.19	ng	99
83) Bis(2-ethylhexyl)phthalate	16.10	149	321634	38.84	ng	# 96
88) Benzo(k)fluoranthene	17.38	252	451462	41.18	ng	99
89) Benzo(a)pyrene	17.78	252	440640	37.63	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

PB82093BS

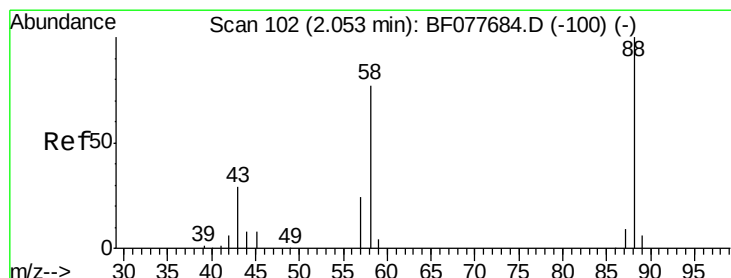
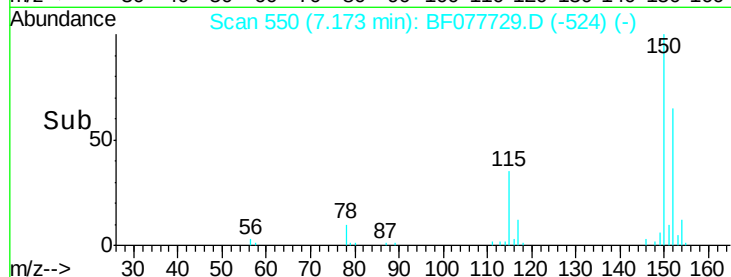
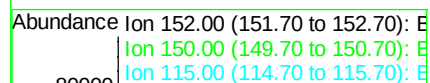
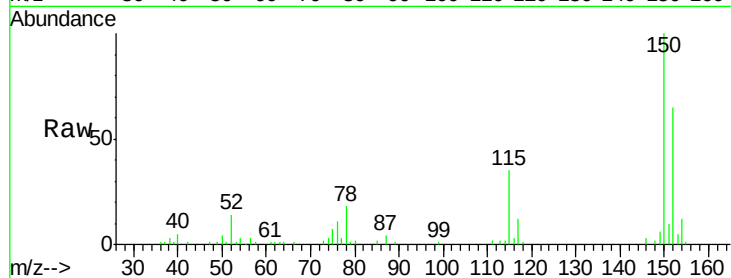
Tgt Ion:152 Resp: 50178

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

115 54.2 43.0 64.4



#2

1,4-Dioxane

Concen: 27.43 ng

RT: 2.08 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

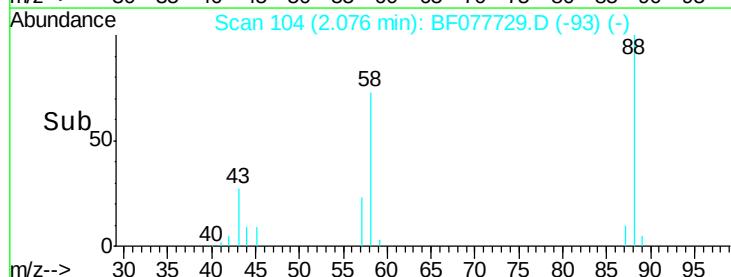
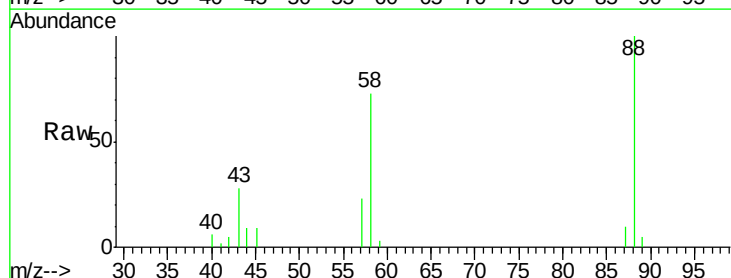
Tgt Ion: 88 Resp: 35797

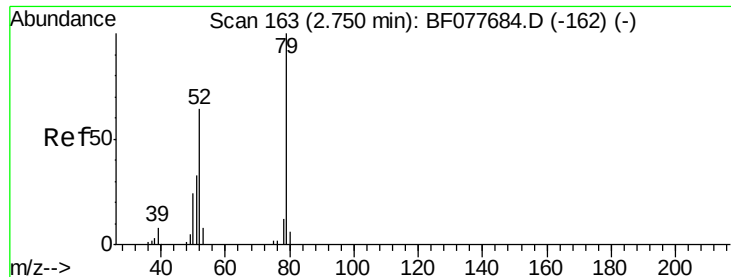
Ion Ratio Lower Upper

88 100

58 74.3 0.0 0.0#

43 37.6 0.0 0.0#





#3

Pyridine

Concen: 30.34 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

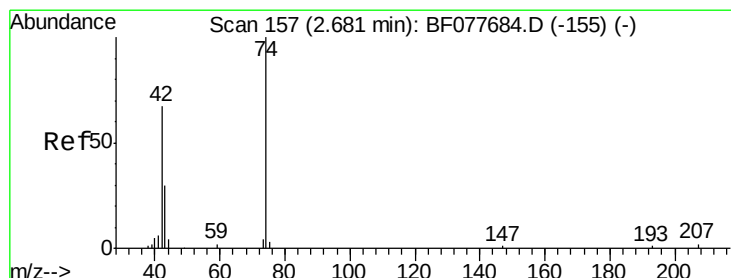
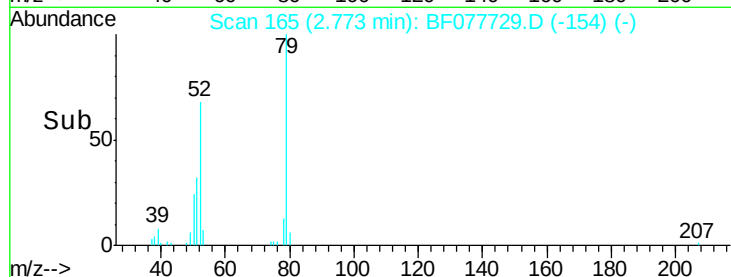
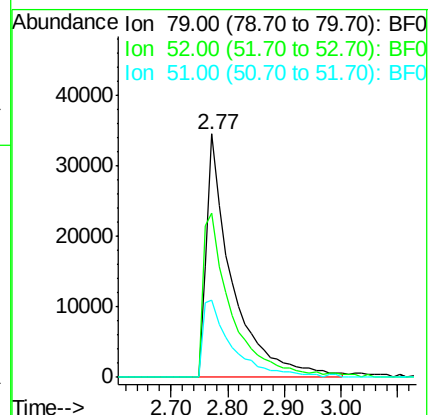
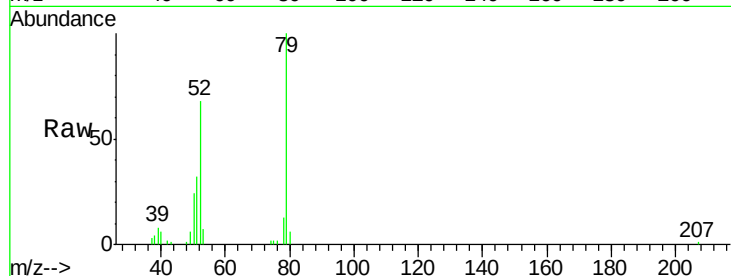
Tgt Ion: 79 Resp: 106396

Ion Ratio Lower Upper

79 100

52 67.5 51.1 76.7

51 31.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 32.62 ng

RT: 2.69 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

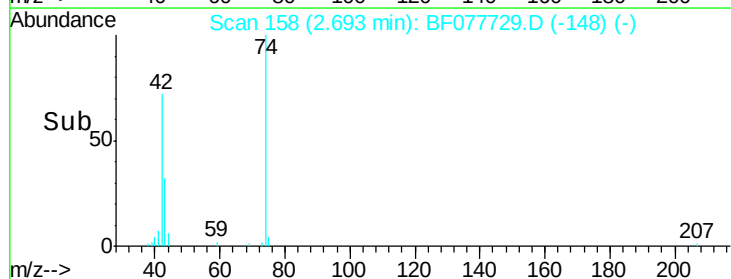
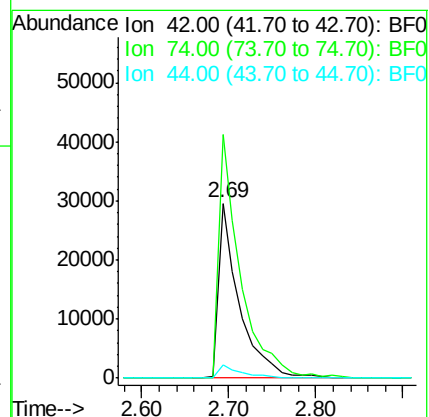
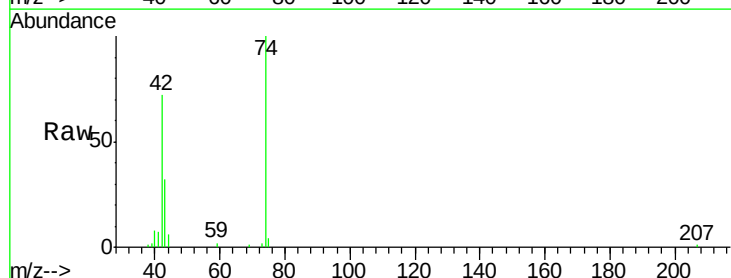
Tgt Ion: 42 Resp: 49803

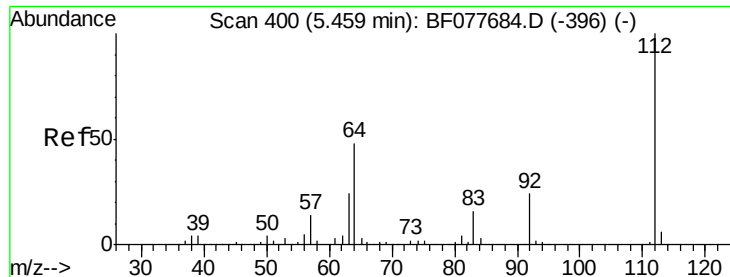
Ion Ratio Lower Upper

42 100

74 139.3 119.3 178.9

44 7.7 5.4 8.2





#5

2-Fluorophenol

Concen: 119.96 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

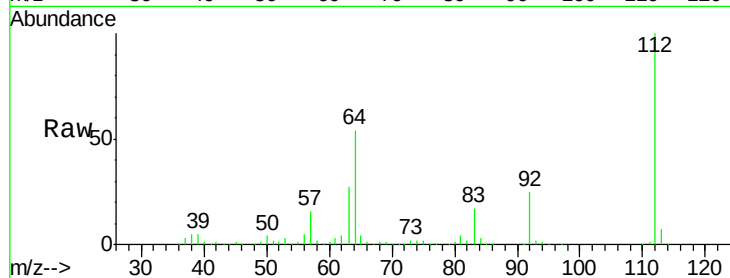
Tgt Ion: 112 Resp: 344833

Ion Ratio Lower Upper

112 100

64 53.9 38.6 57.8

63 27.3 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

400000

300000

200000

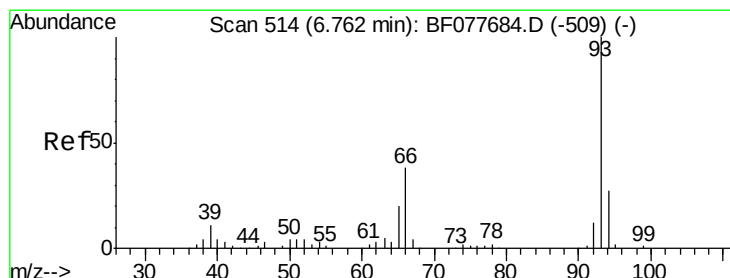
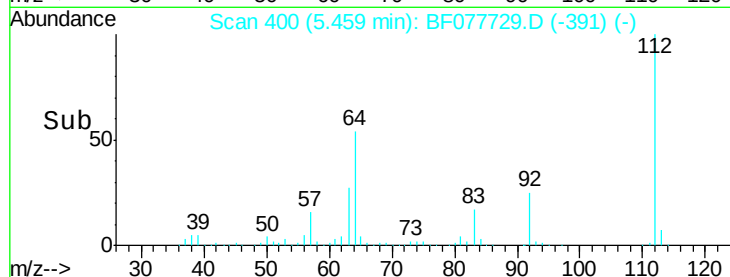
100000

0

5.46

5.40 5.50 5.60

Time-->



#6

Aniline

Concen: 19.82 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

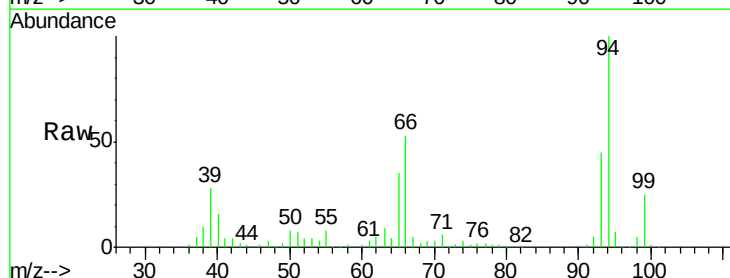
Tgt Ion: 93 Resp: 100705

Ion Ratio Lower Upper

93 100

66 117.2 30.8 46.2#

65 76.9 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

150000

100000

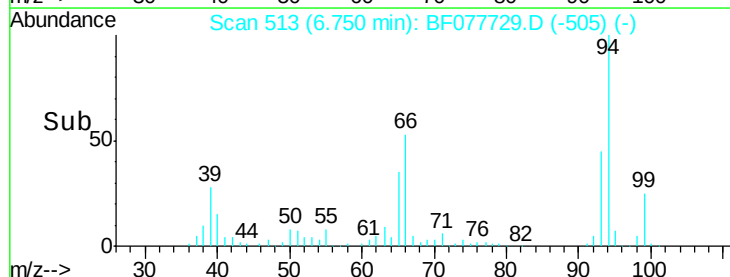
50000

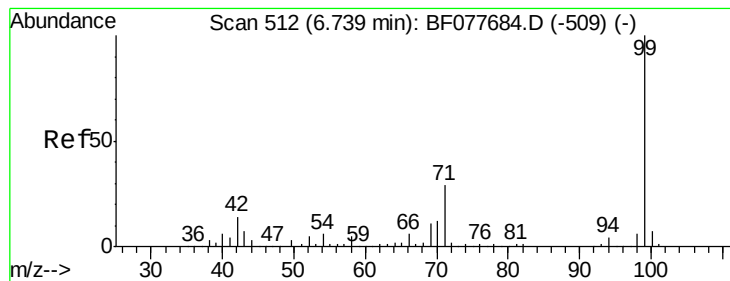
0

6.75

6.70 6.80 6.85

Time-->





#7

Phenol-d6

Concen: 124.90 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

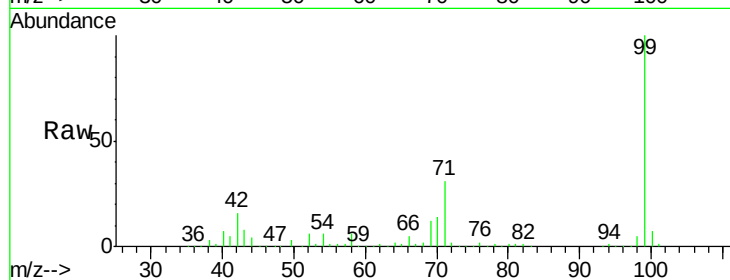
Tgt Ion: 99 Resp: 443600

Ion Ratio Lower Upper

99 100

42 16.3 11.0 16.4

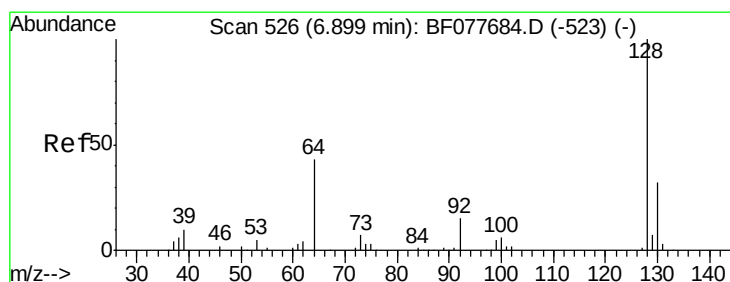
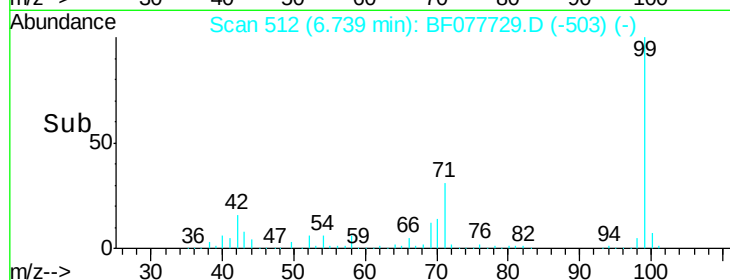
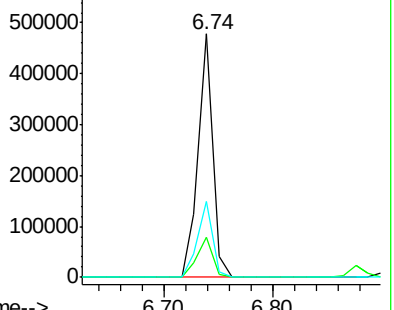
71 31.2 23.4 35.2



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: 39.60 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

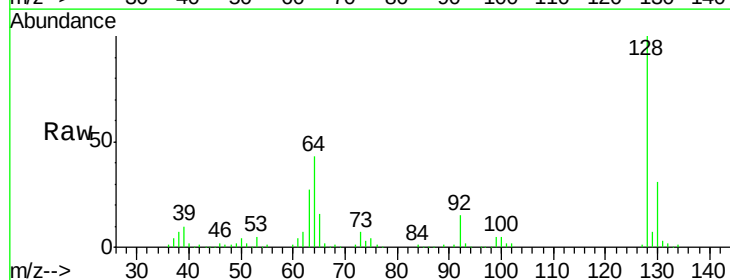
Tgt Ion: 128 Resp: 135505

Ion Ratio Lower Upper

128 100

130 31.2 12.0 52.0

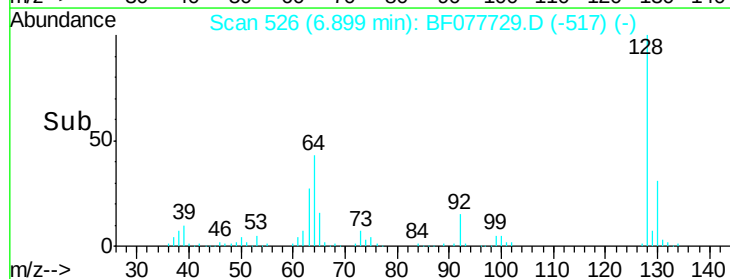
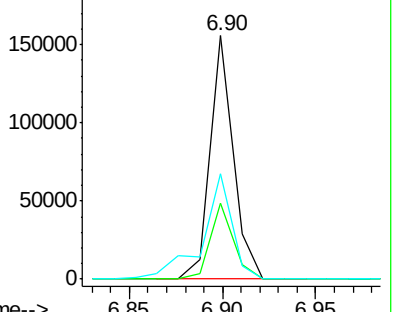
64 43.1 24.9 64.9

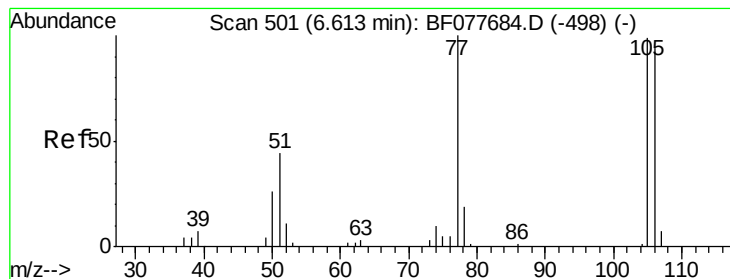


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.77 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

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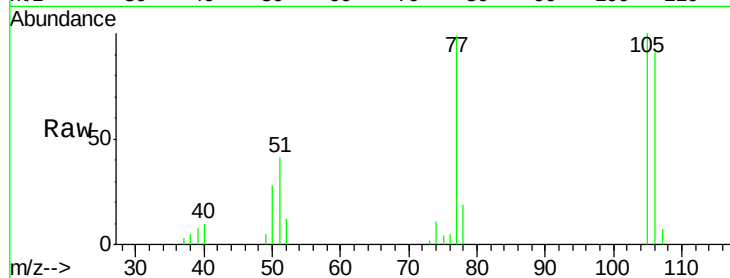
Tgt Ion: 77 Resp: 12764

Ion Ratio Lower Upper

77 100

105 100.7 78.8 118.8

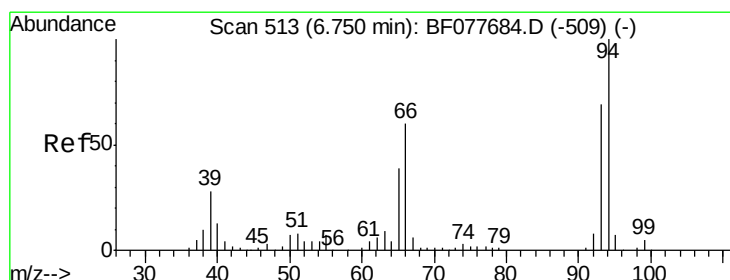
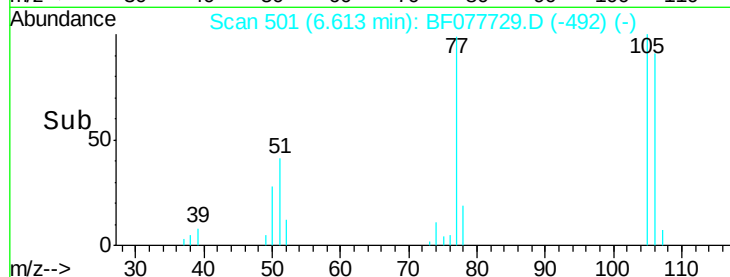
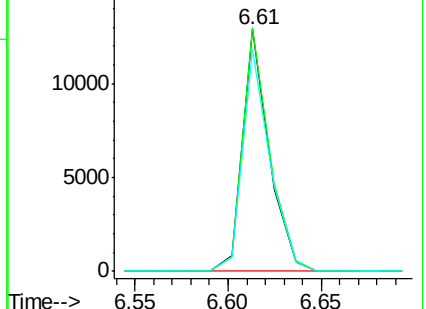
106 91.5 73.7 113.7



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: 37.66 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

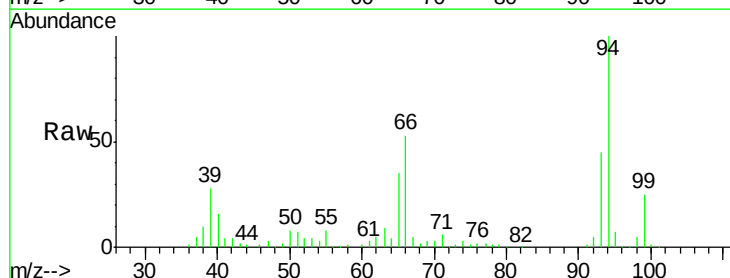
Tgt Ion: 94 Resp: 158132

Ion Ratio Lower Upper

94 100

65 34.9 18.8 58.8

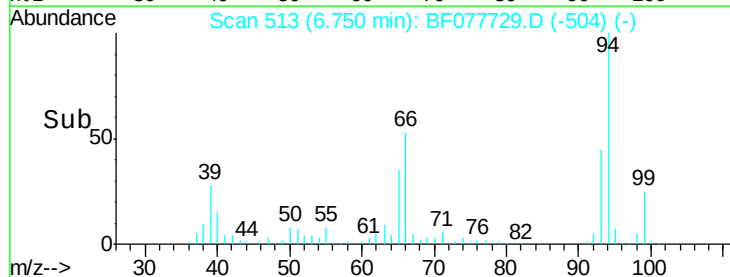
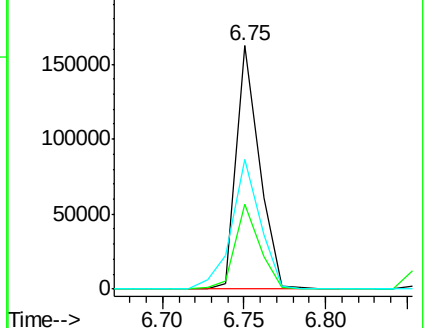
66 53.2 39.9 79.9

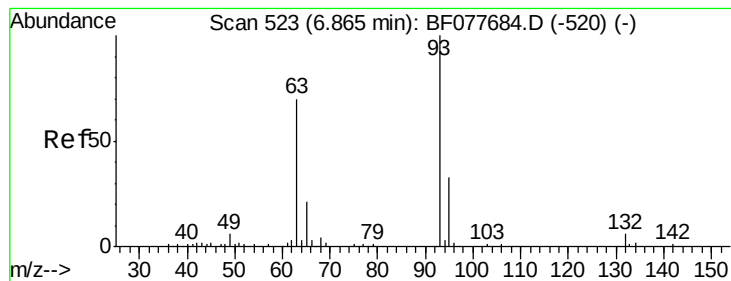


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.21 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

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PB82093BS

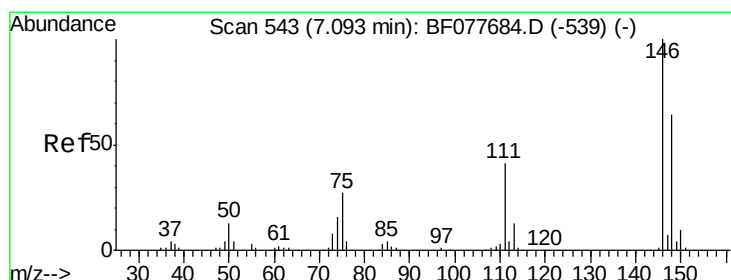
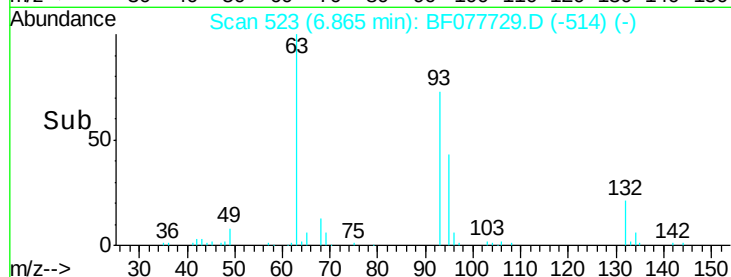
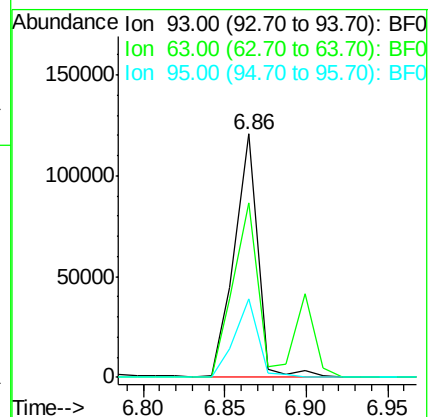
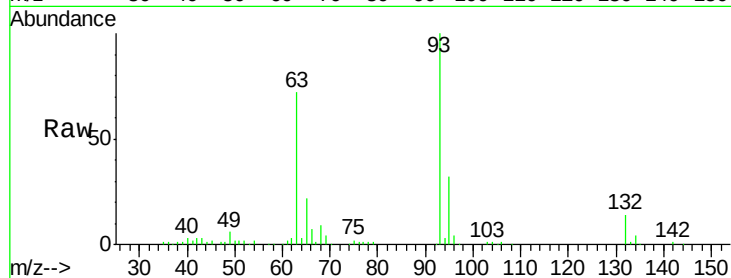
Tgt Ion: 93 Resp: 120157

Ion Ratio Lower Upper

93 100

63 71.5 49.5 89.5

95 32.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 35.63 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

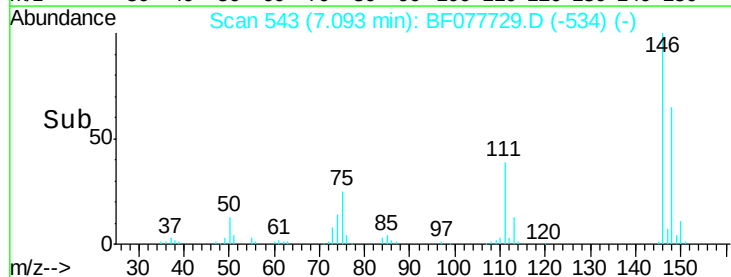
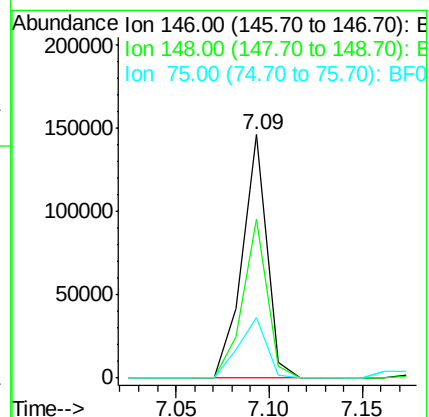
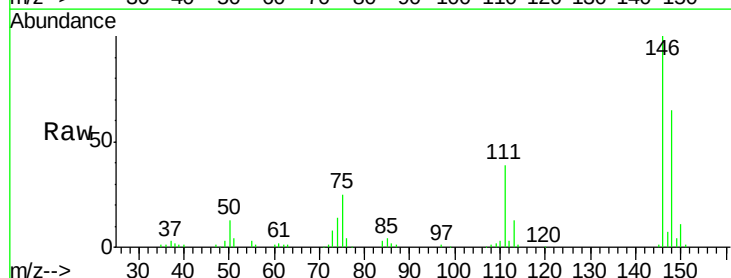
Tgt Ion: 146 Resp: 135611

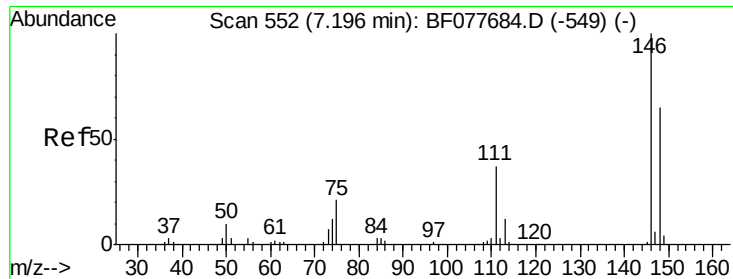
Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

75 25.0 21.4 32.2

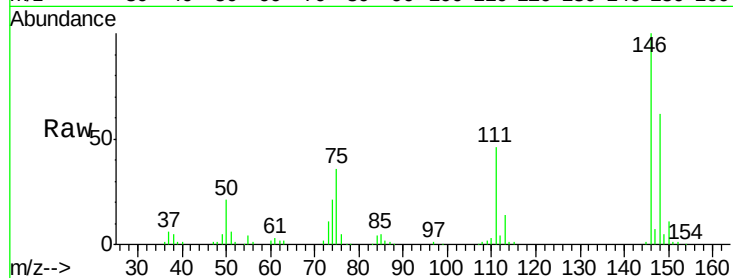




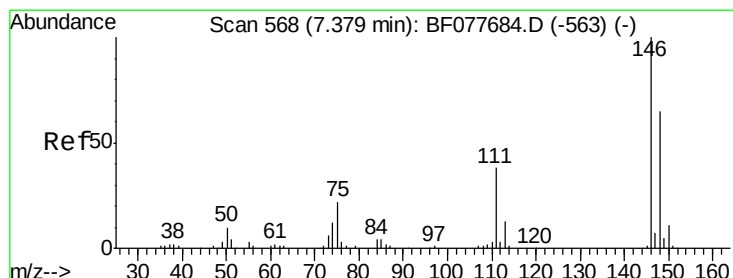
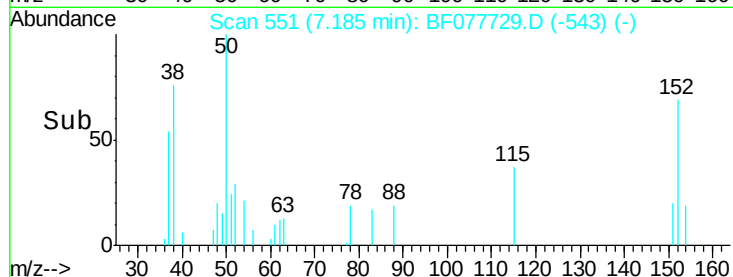
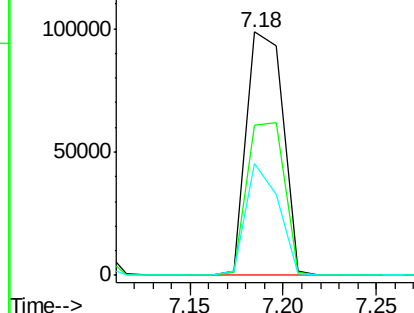
#13
 1,4-Dichlorobenzene
 Concen: 33.98 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:146 Resp: 134376
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.9 77.9
 111 45.8 29.2 43.8#

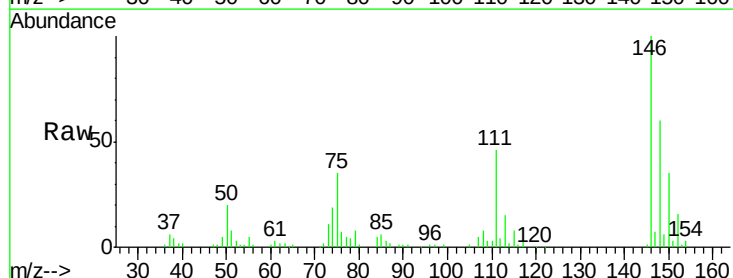


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

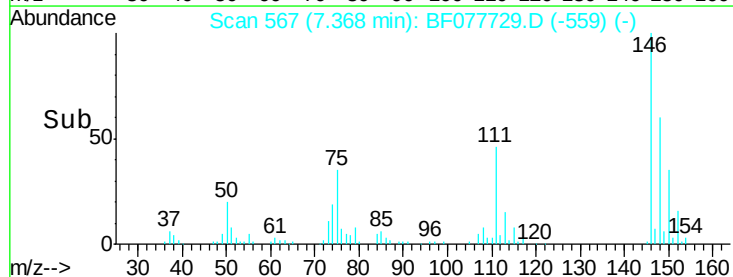
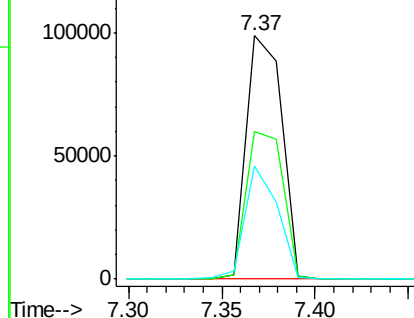


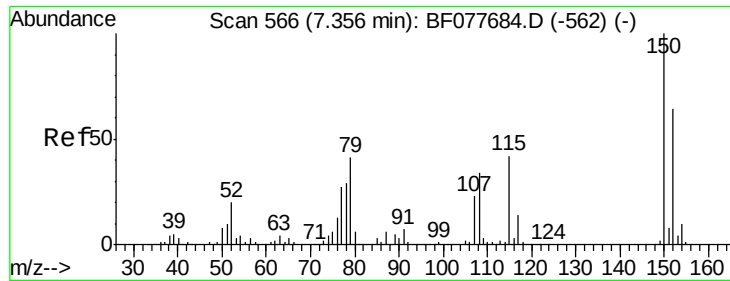
#14
 1,2-Dichlorobenzene
 Concen: 36.05 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:146 Resp: 130697
 Ion Ratio Lower Upper
 146 100
 148 60.5 52.3 78.5
 111 46.4 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

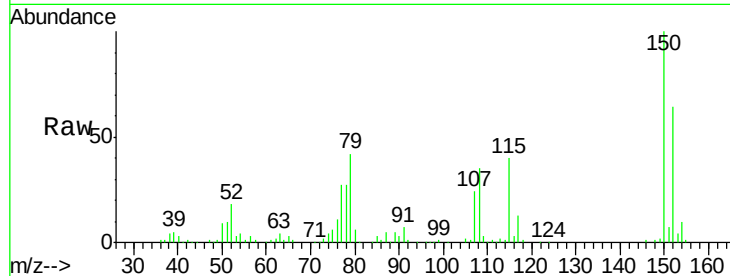




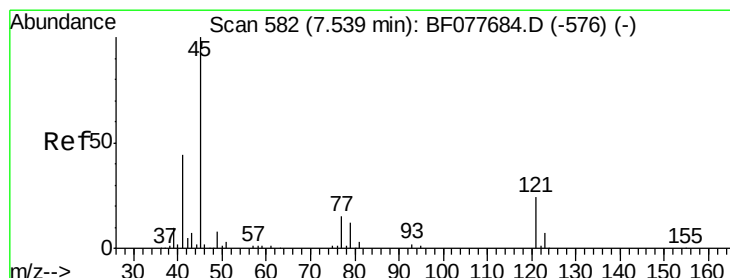
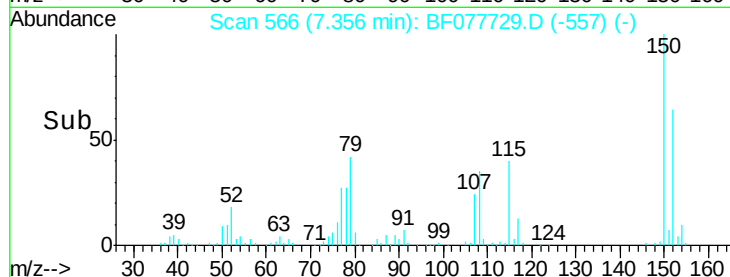
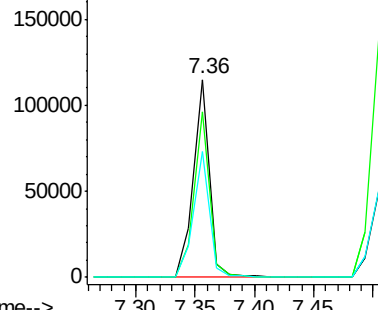
#15
Benzyl Alcohol
Concen: 38.33 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion: 79 Resp: 106269
Ion Ratio Lower Upper
79 100
108 83.6 65.0 97.4
77 64.0 53.0 79.6

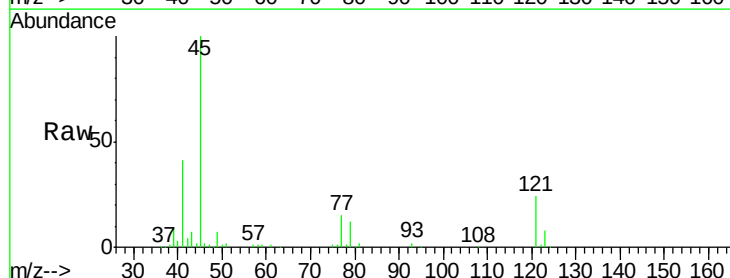


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

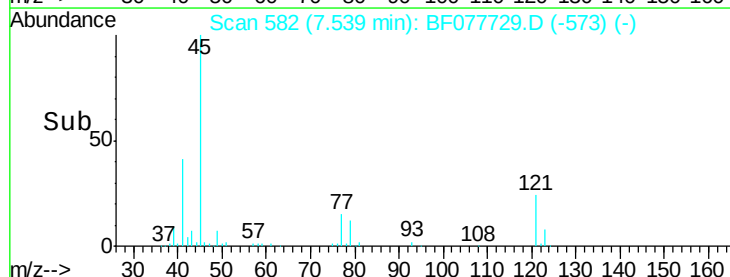
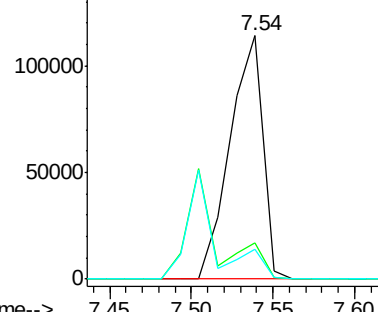


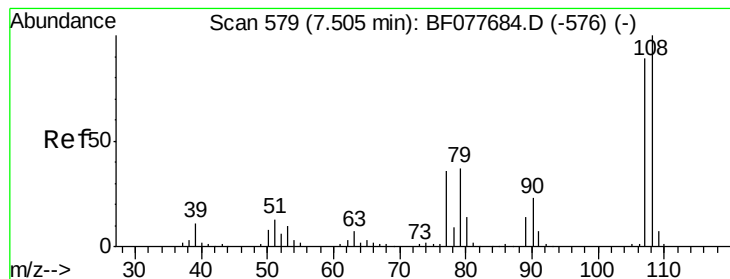
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.76 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion: 45 Resp: 160007
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 12.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.55 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

Tgt Ion:107 Resp: 107381

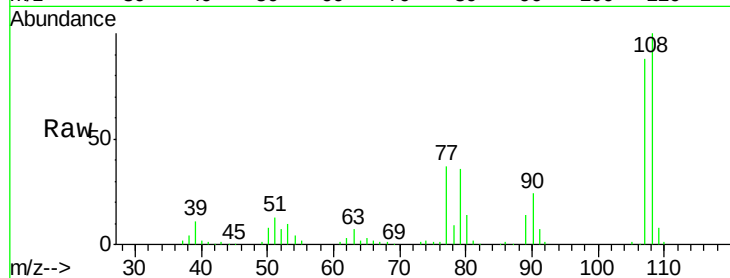
Ion Ratio Lower Upper

107 100

108 113.4 89.8 134.8

77 41.6 32.6 48.8

79 40.8 32.8 49.2

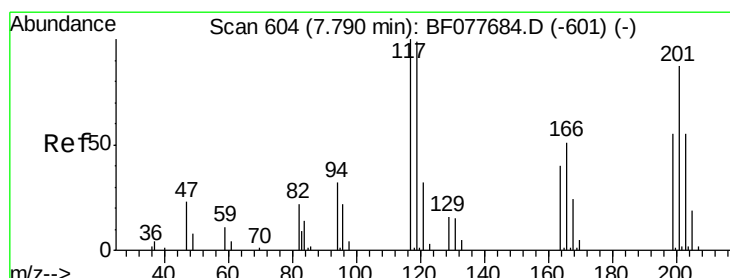
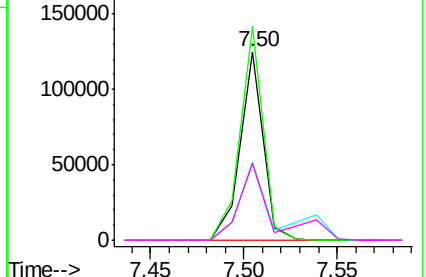
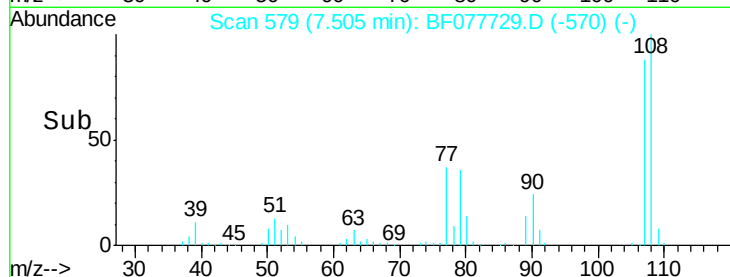


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.27 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

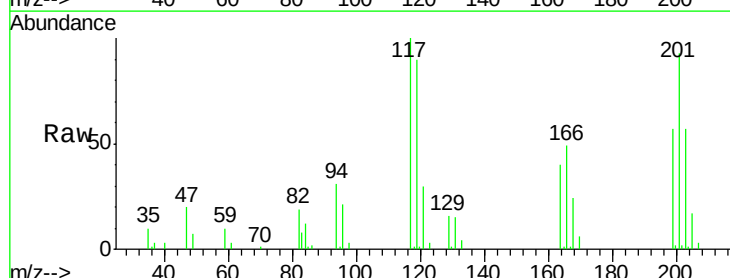
Tgt Ion:117 Resp: 48333

Ion Ratio Lower Upper

117 100

119 90.5 79.2 118.8

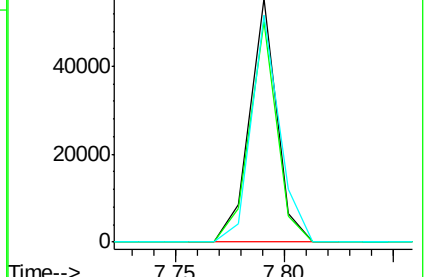
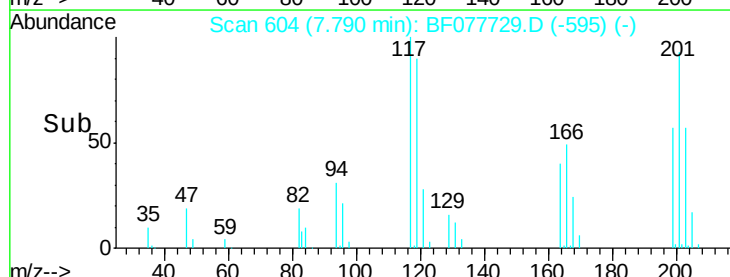
201 93.3 69.8 104.6

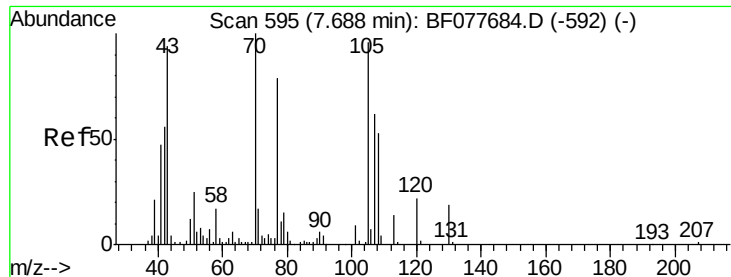


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

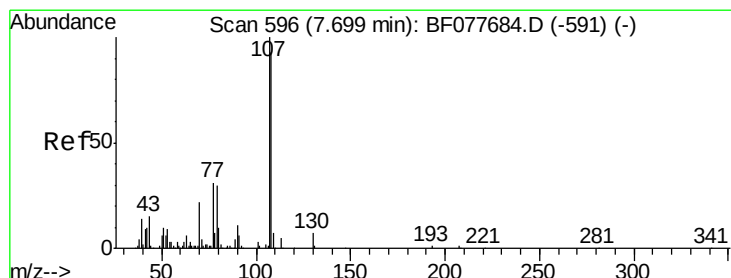
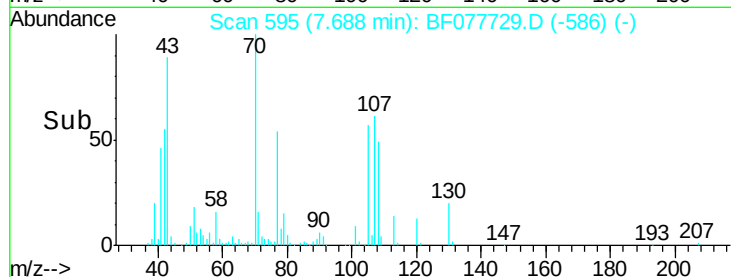
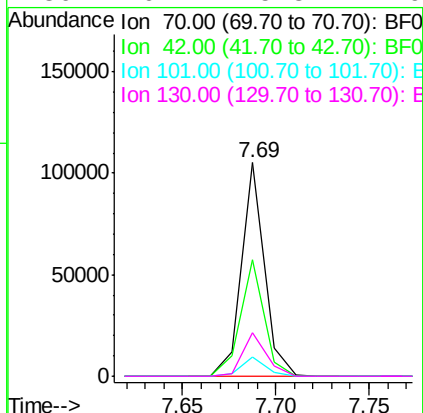
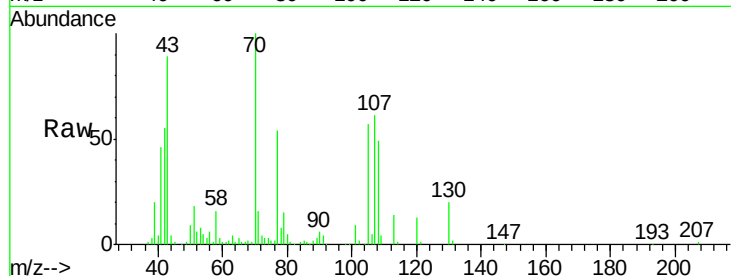




#19
n-Nitroso-di-n-propylamine
Concen: 36.74 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

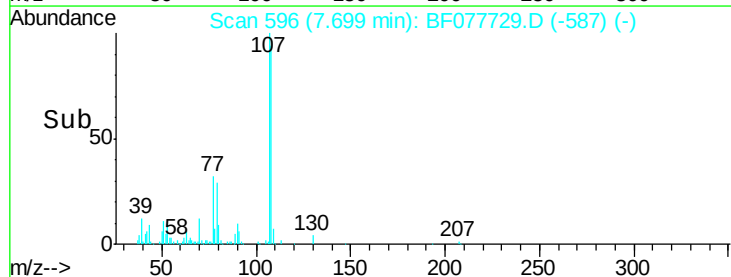
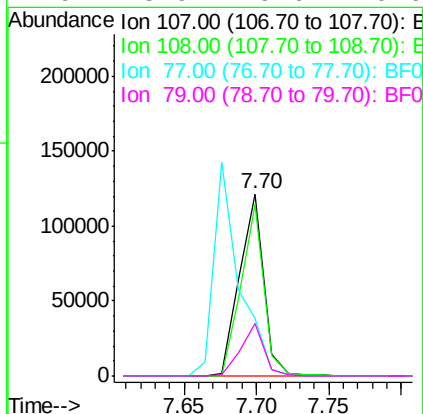
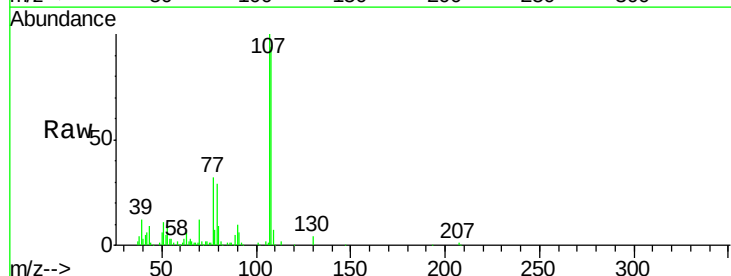
Instrument :
BNA_F
ClientSampleId :
PB82093BS

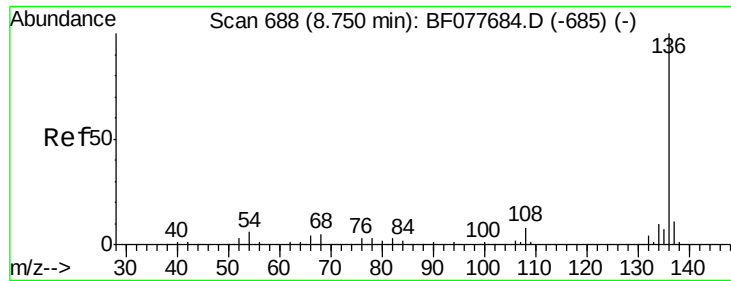
Tgt Ion:	70	Resp:	90261
Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.5	66.7
101	9.2	7.4	11.2
130	20.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.45 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:	107	Resp:	140556
Ion	Ratio	Lower	Upper
107	100		
108	94.4	73.2	113.2
77	31.7	10.7	50.7
79	28.9	9.6	49.6

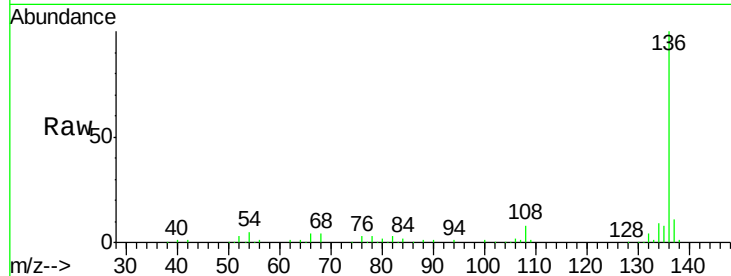




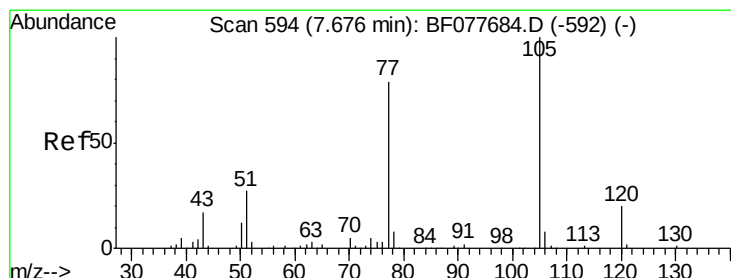
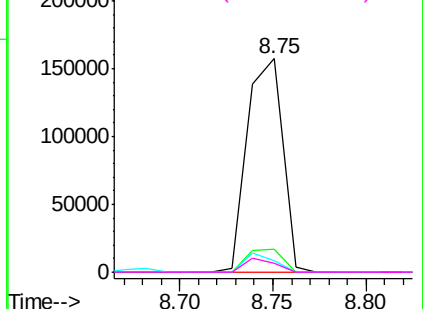
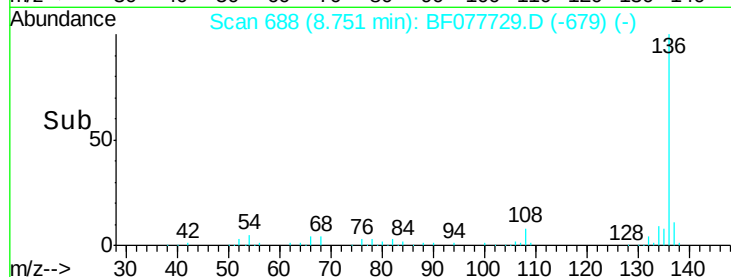
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion:	136	Resp:	207173
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.3	4.6	6.8
68	4.4	3.7	5.5

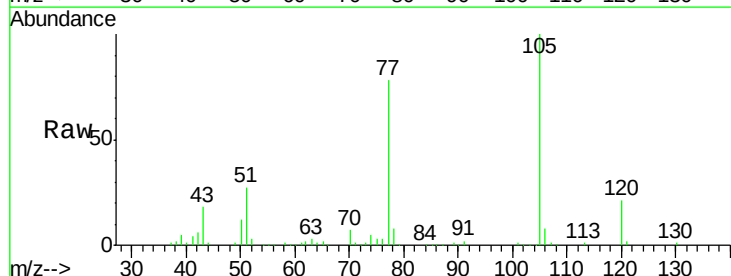


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

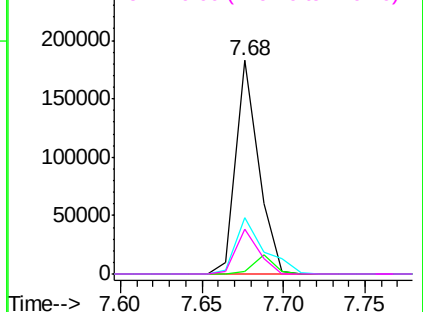
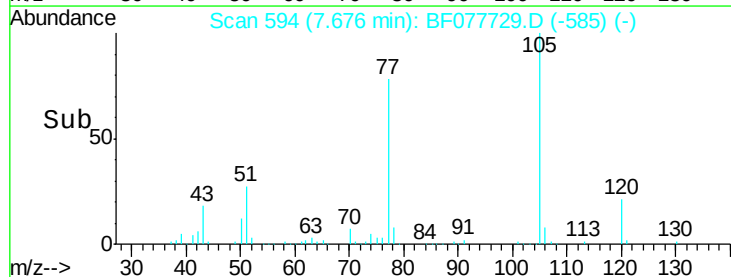


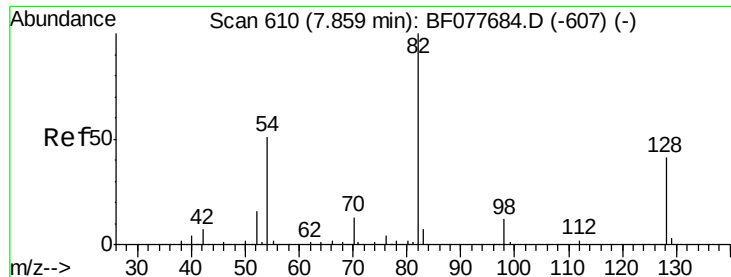
#22
Acetophenone
Concen: 38.19 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:	105	Resp:	175161
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.6	1.0#
51	26.5	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

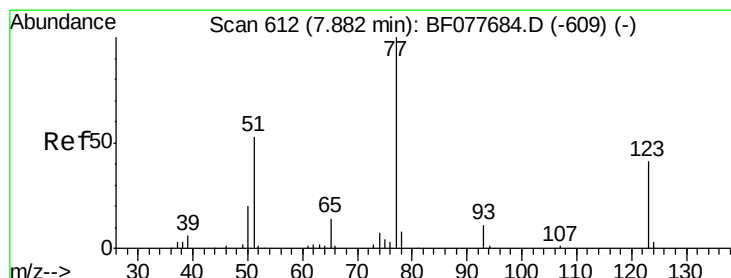
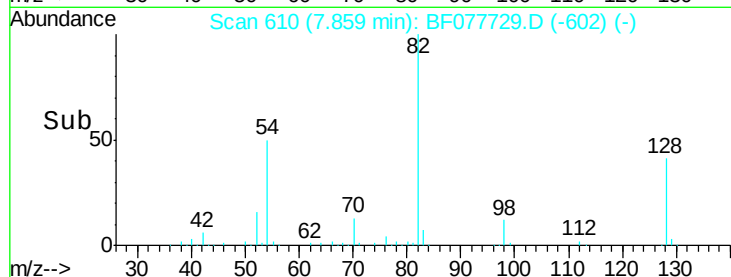
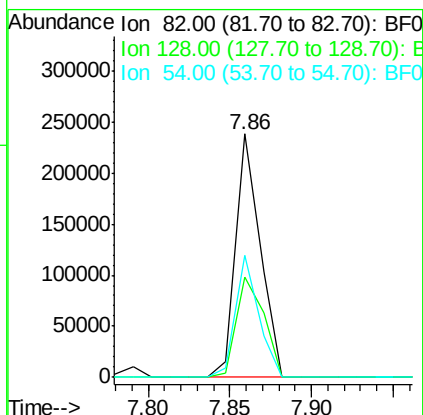
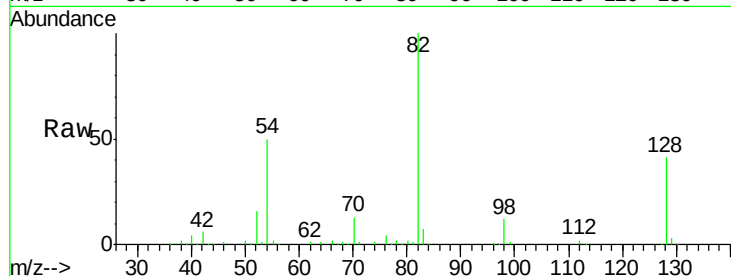




#23
 Nitrobenzene-d5
 Concen: 77.64 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

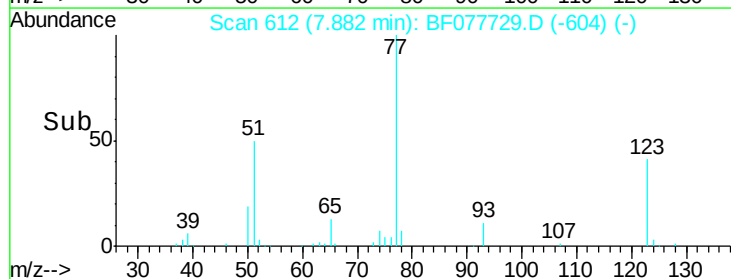
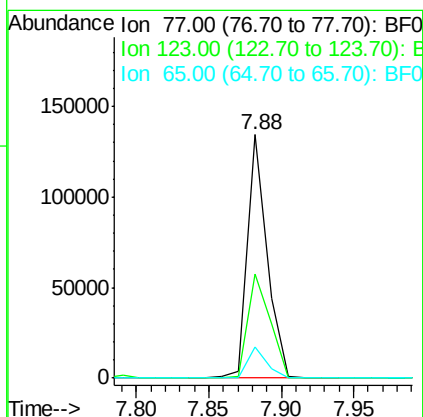
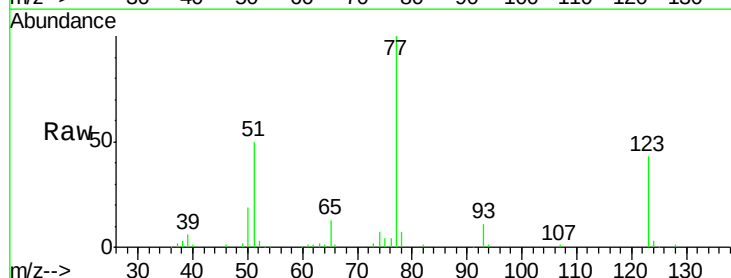
Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

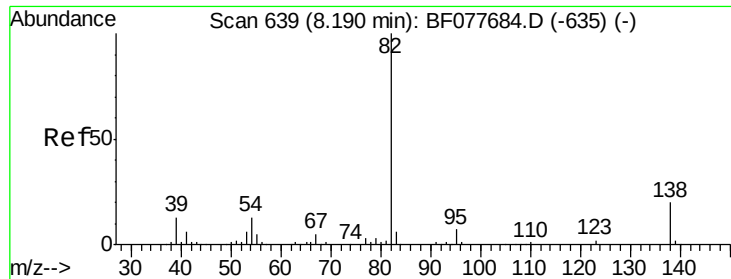
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	49.9	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.09 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	32.6	49.0
65	12.7	10.9	16.3





#25

Isophorone

Concen: 36.62 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

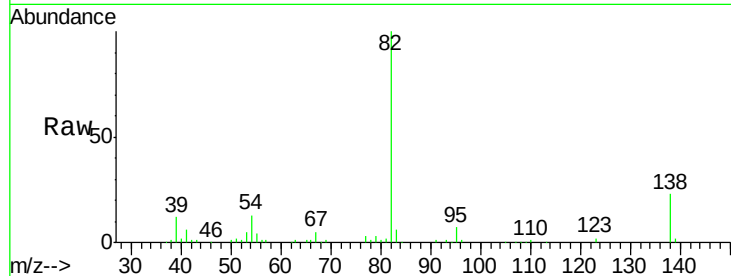
Tgt Ion: 82 Resp: 233755

Ion Ratio Lower Upper

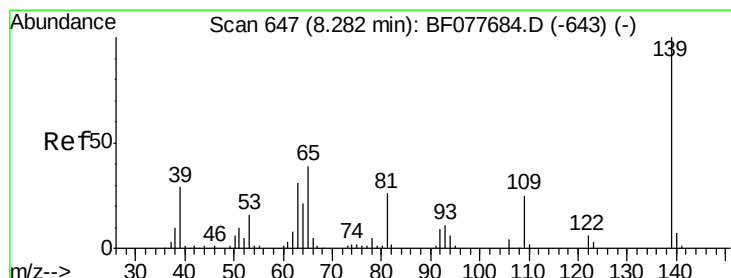
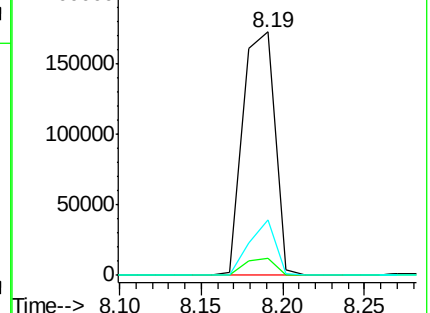
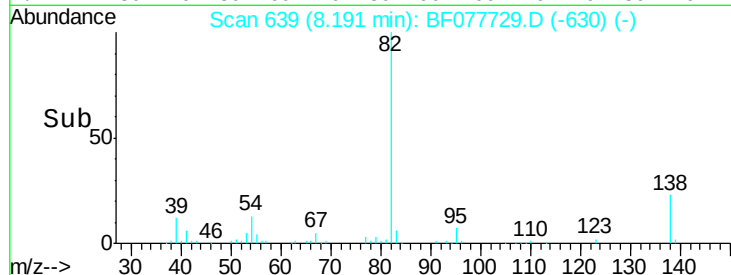
82 100

95 7.2 5.8 8.6

138 22.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.82 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

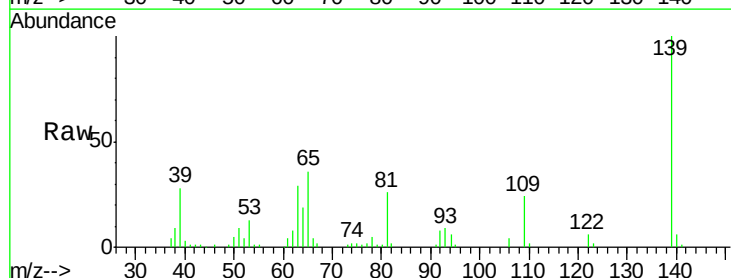
Tgt Ion: 139 Resp: 63039

Ion Ratio Lower Upper

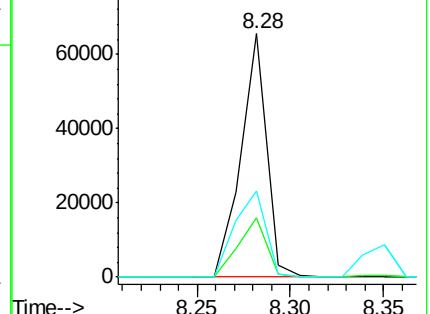
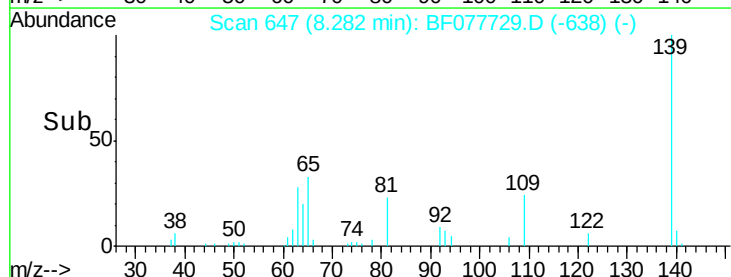
139 100

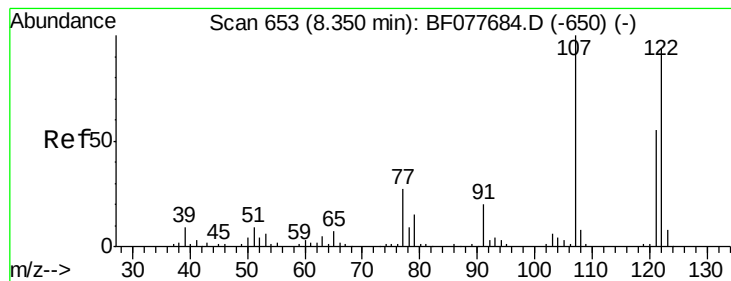
109 24.2 20.1 30.1

65 35.5 31.5 47.3



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





#27

2,4-Dimethylphenol

Concen: 38.92 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

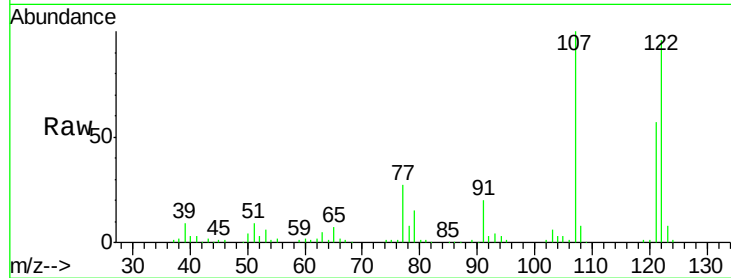
Tgt Ion:122 Resp: 118197

Ion Ratio Lower Upper

122 100

107 104.3 84.7 127.1

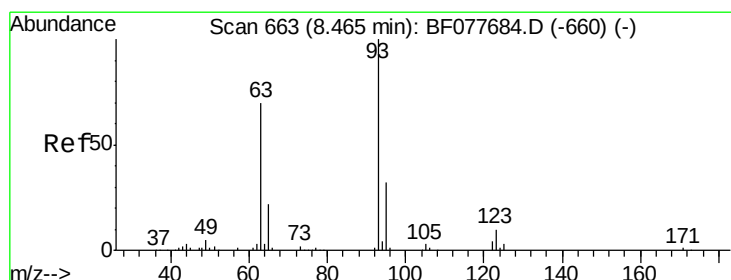
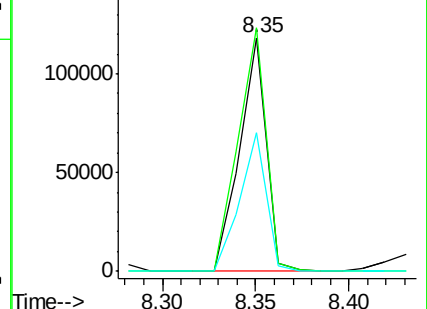
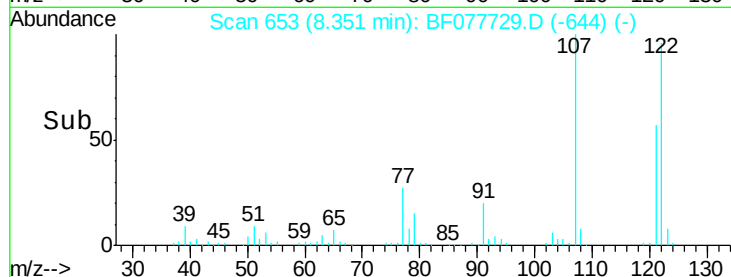
121 59.3 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.57 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

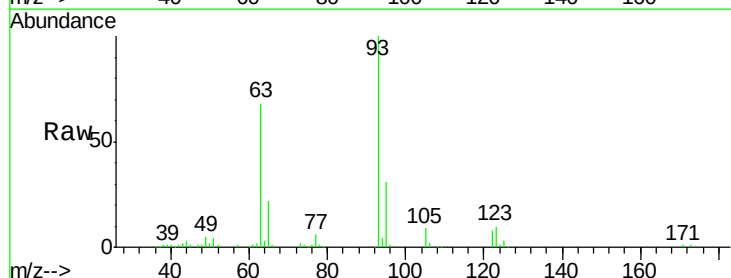
Tgt Ion: 93 Resp: 145559

Ion Ratio Lower Upper

93 100

95 31.4 25.5 38.3

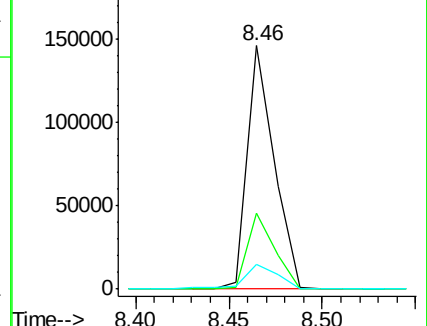
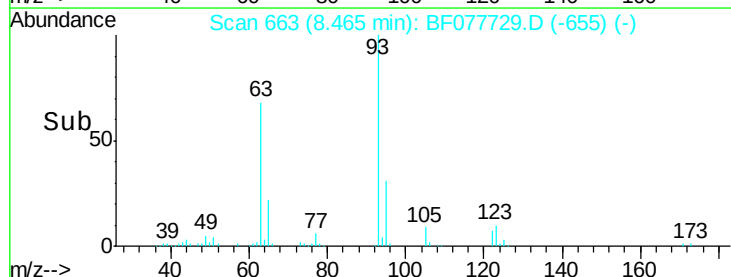
123 10.3 8.6 13.0

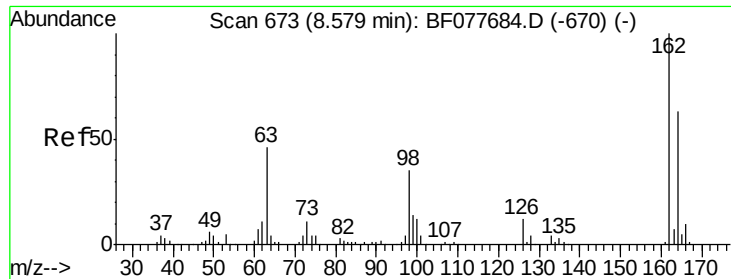


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

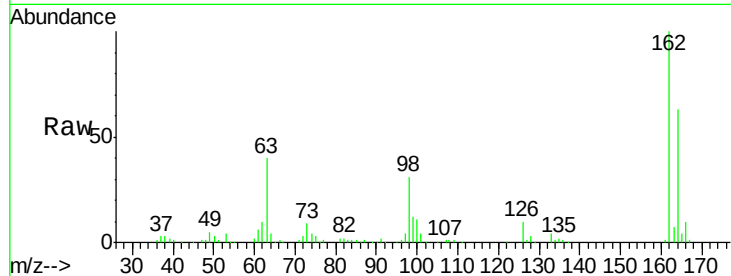




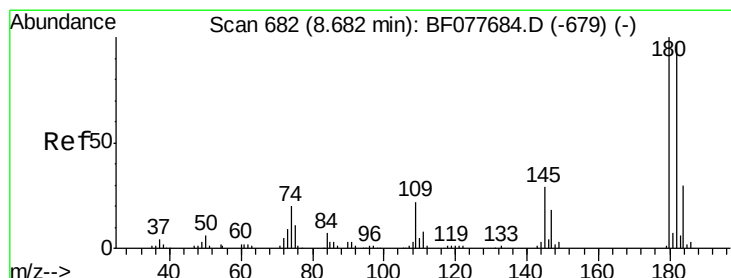
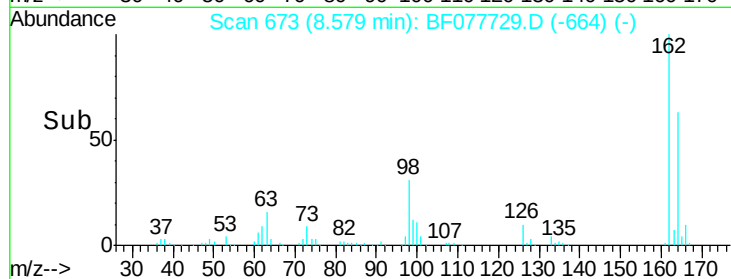
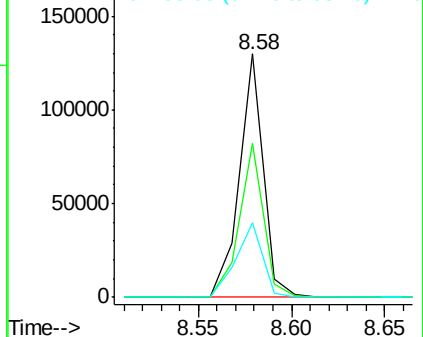
#29
 2,4-Dichlorophenol
 Concen: 40.42 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.8	82.8
98	30.7	14.5	54.5

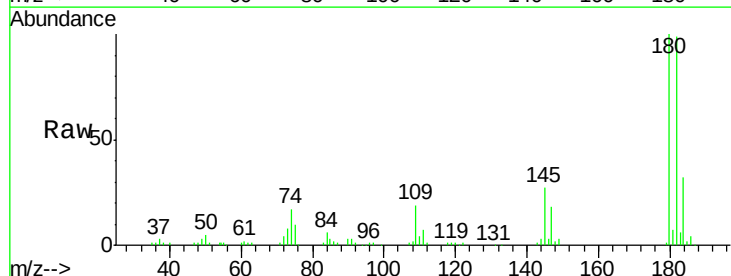


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

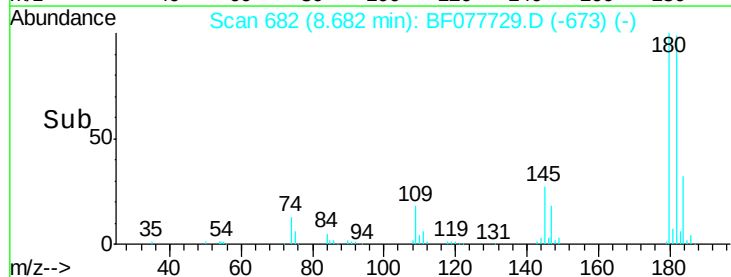
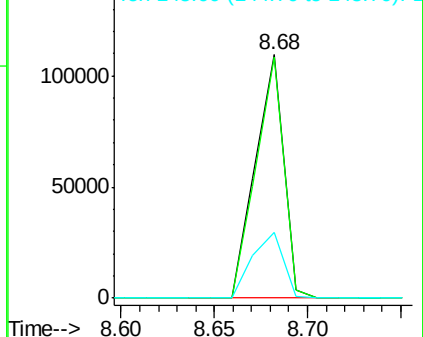


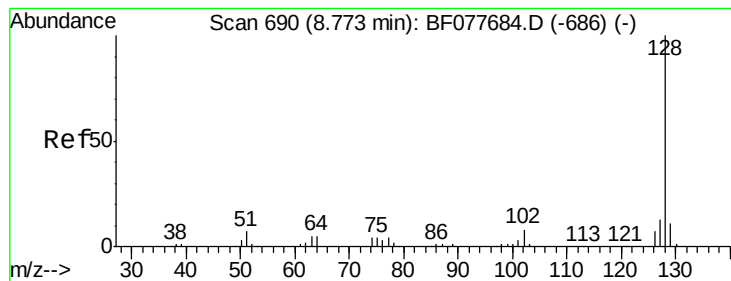
#30
 1,2,4-Trichlorobenzene
 Concen: 35.46 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.6	116.4
145	27.2	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: 35.91 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

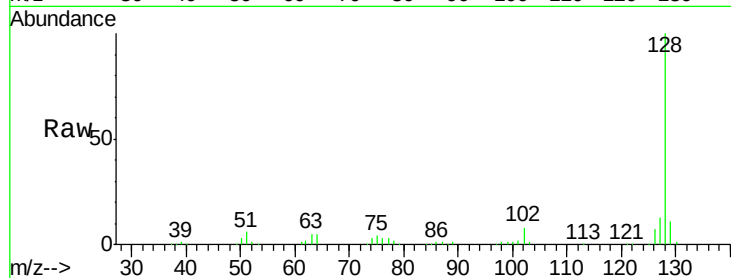
Tgt Ion:128 Resp: 382121

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

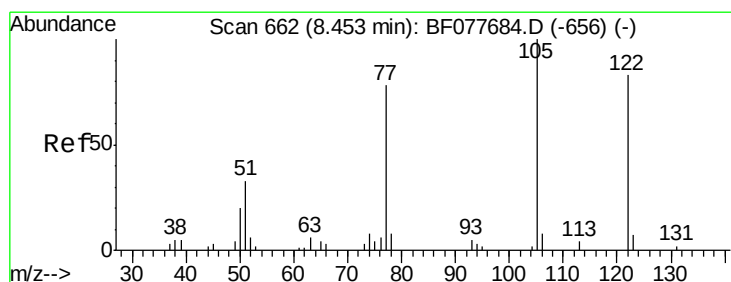
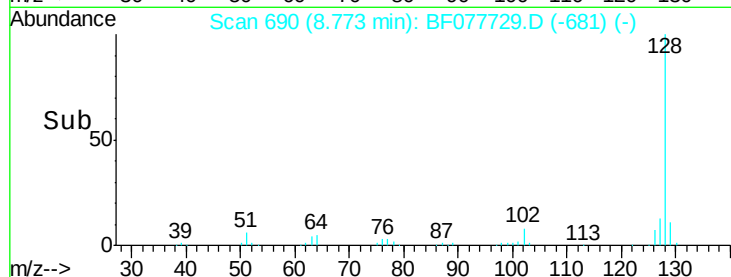
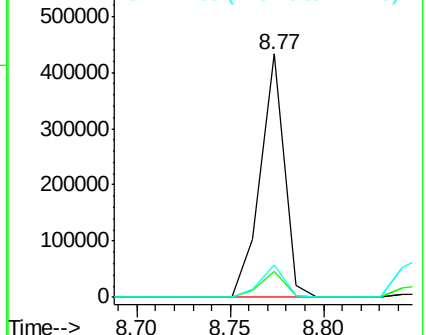
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.01 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

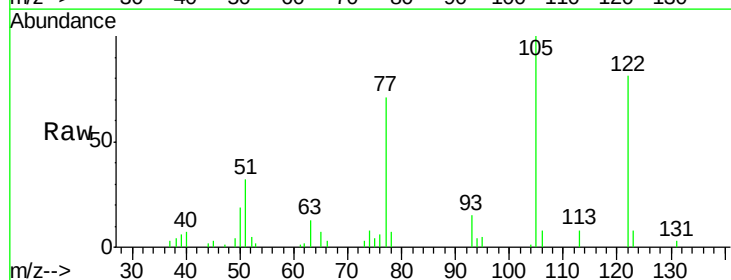
Tgt Ion:122 Resp: 48734

Ion Ratio Lower Upper

122 100

105 123.9 99.9 139.9

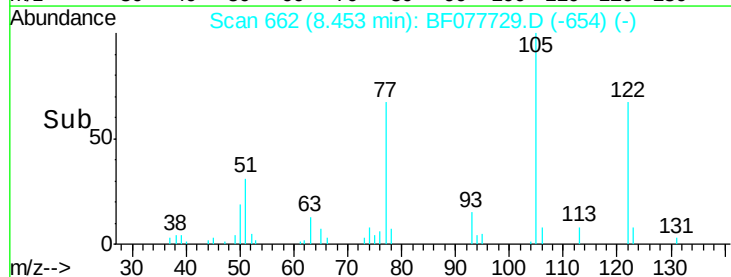
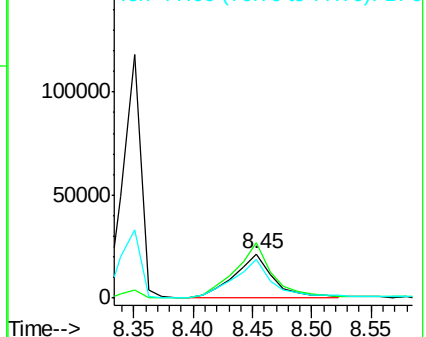
77 88.2 73.7 113.7

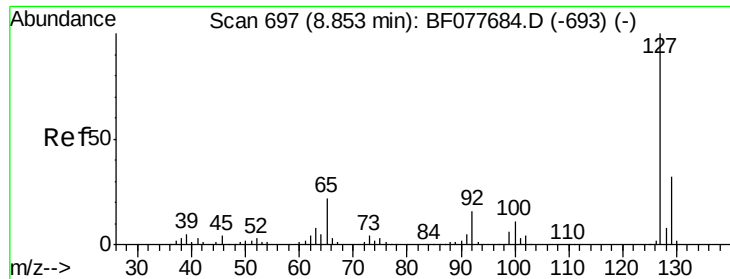


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

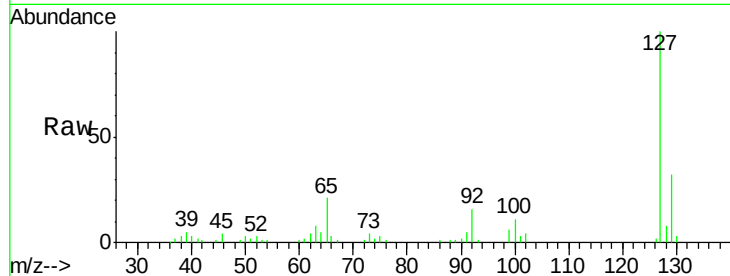




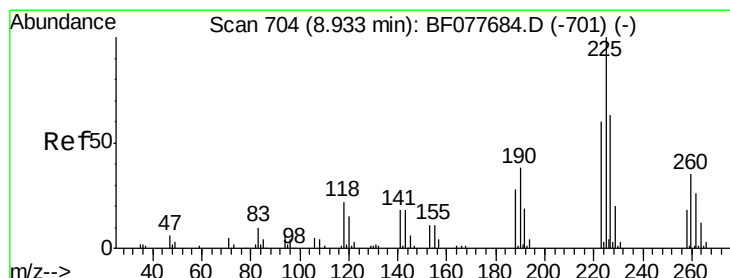
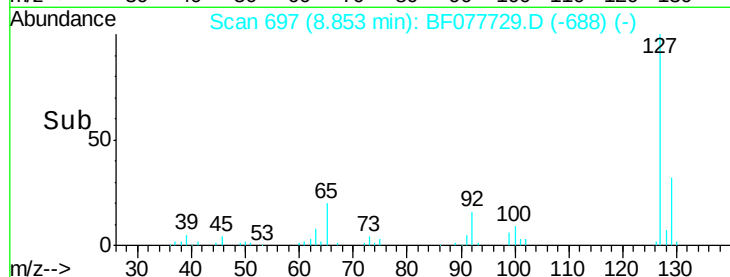
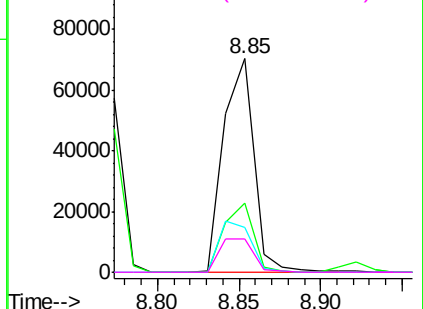
#33
4-Chloroaniline
Concen: 21.02 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion:	127	Resp:	90759
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	20.9	17.6	26.4
92	15.5	13.1	19.7

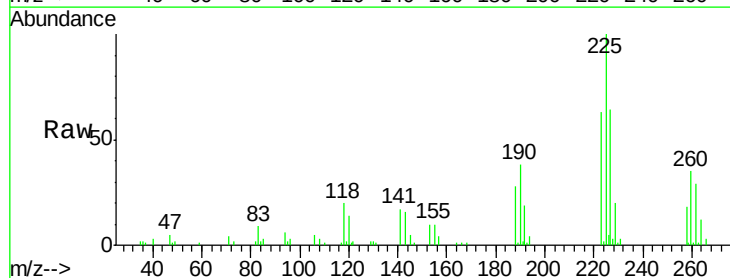


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

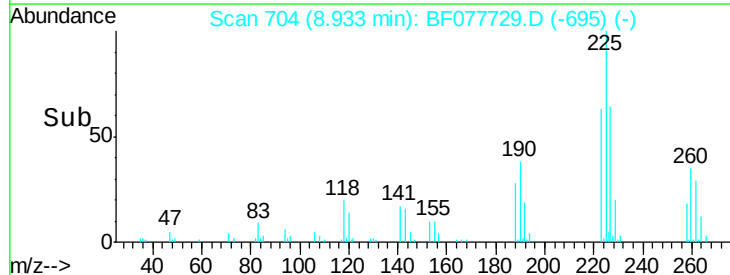
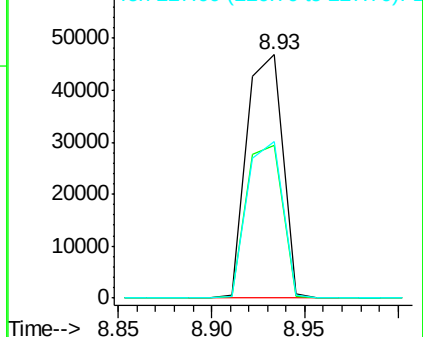


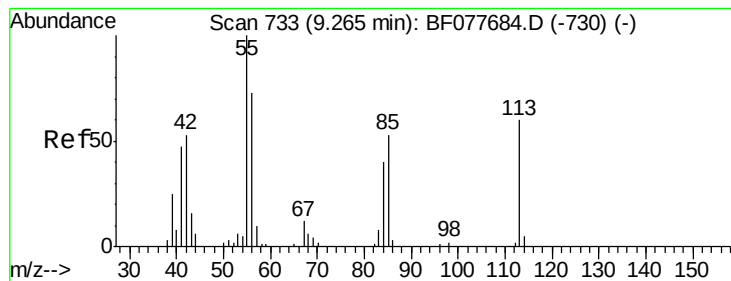
#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:	225	Resp:	62294
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	64.4	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: 38.99 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

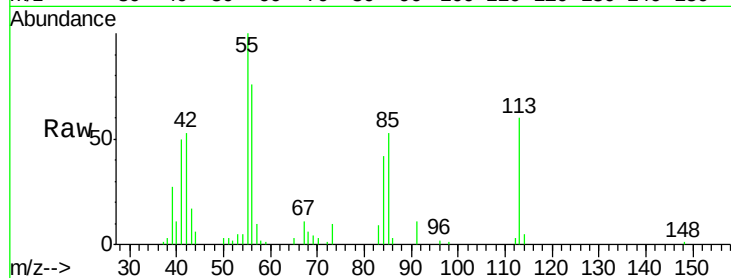
Tgt Ion:113 Resp: 32986

Ion Ratio Lower Upper

113 100

55 166.9 145.9 185.9

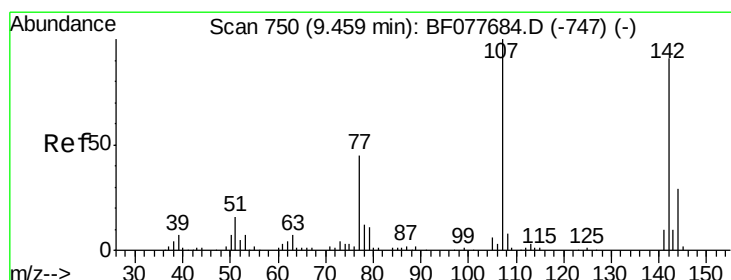
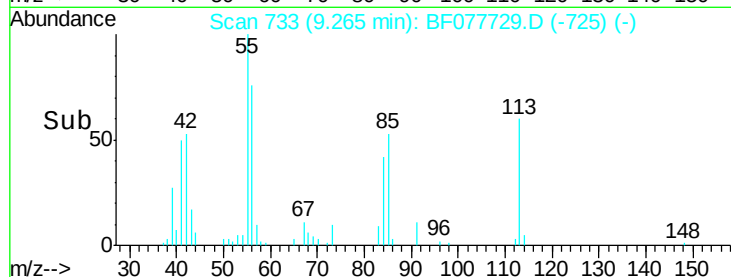
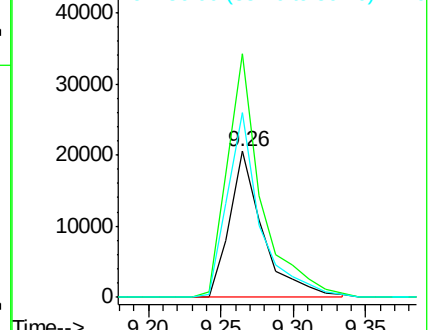
56 126.7 101.0 141.0



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: 40.53 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

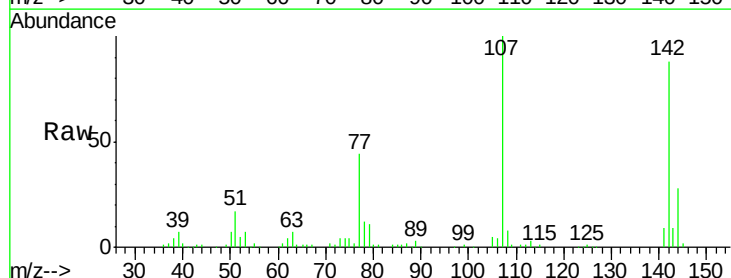
Tgt Ion:107 Resp: 118057

Ion Ratio Lower Upper

107 100

144 27.8 23.3 34.9

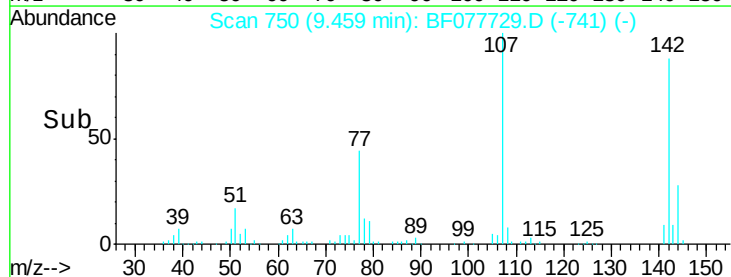
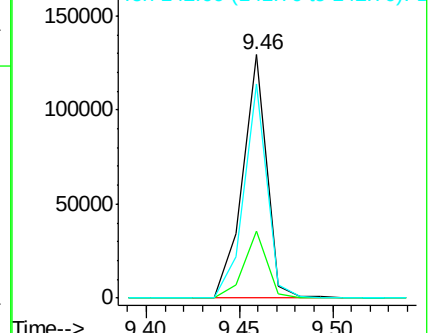
142 87.7 72.6 109.0

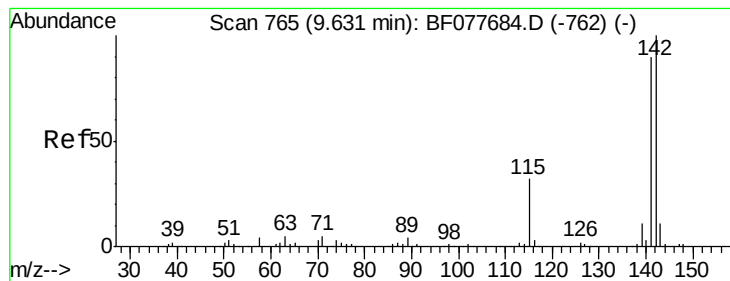


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

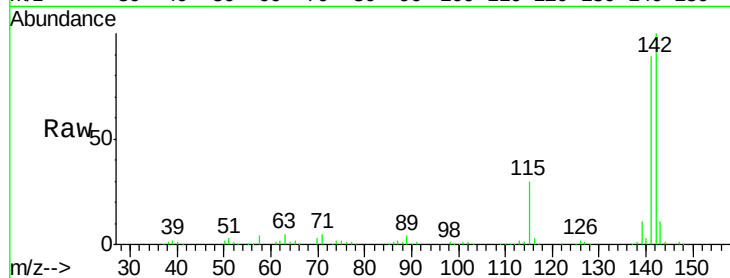




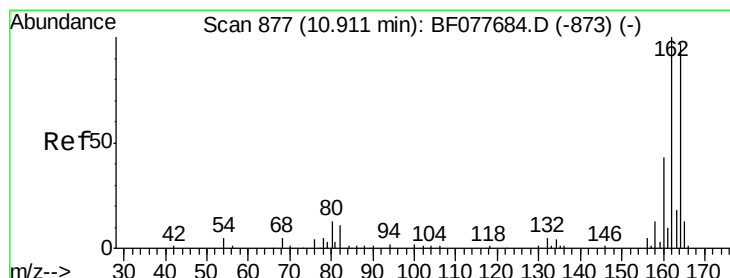
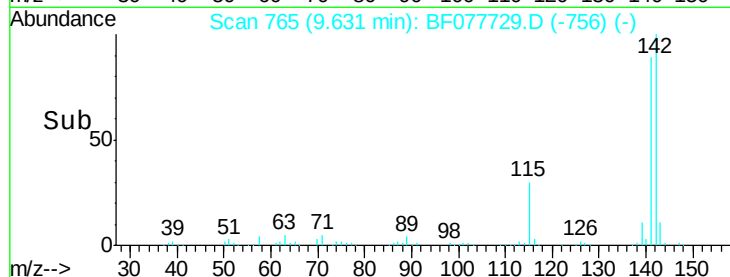
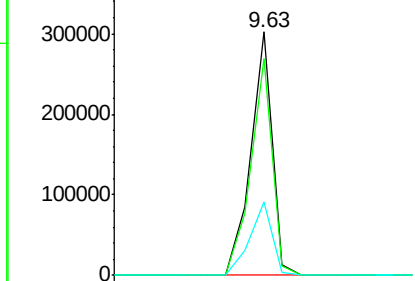
#37
 2-Methylnaphthalene
 Concen: 38.54 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	30.4	25.4	38.0

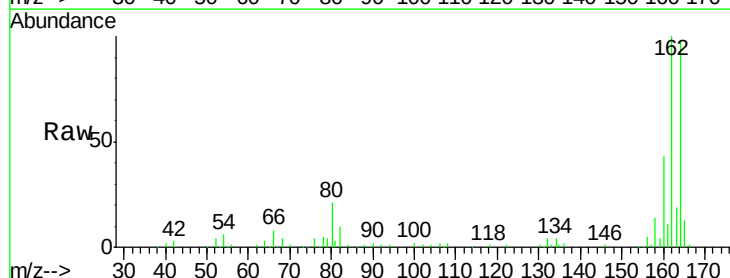


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

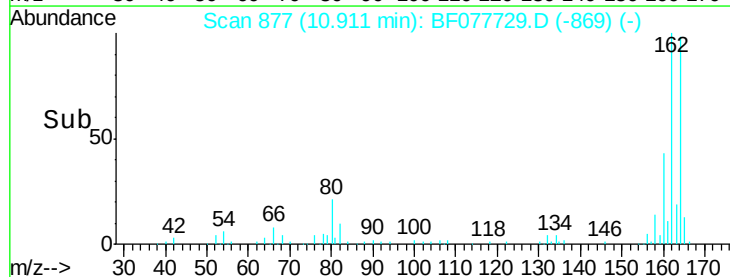
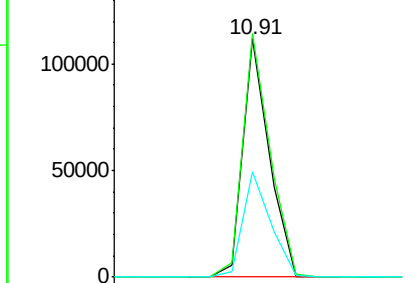


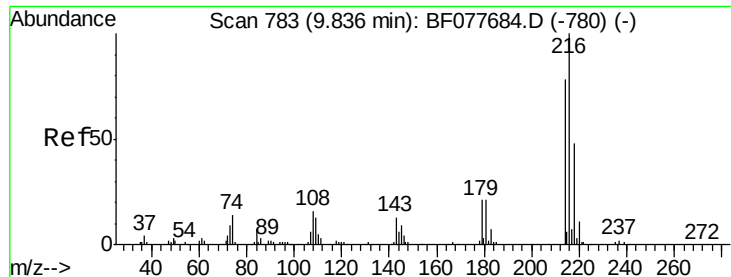
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	44.4	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

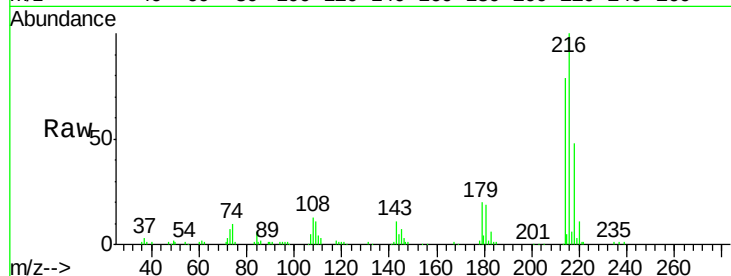




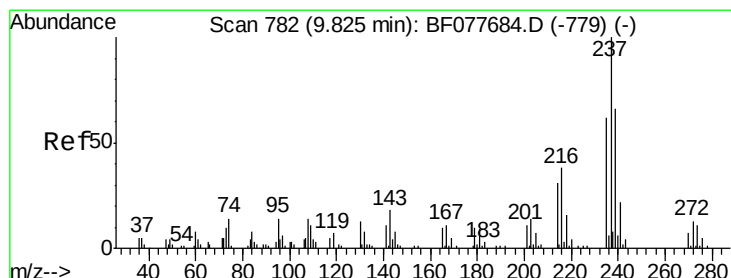
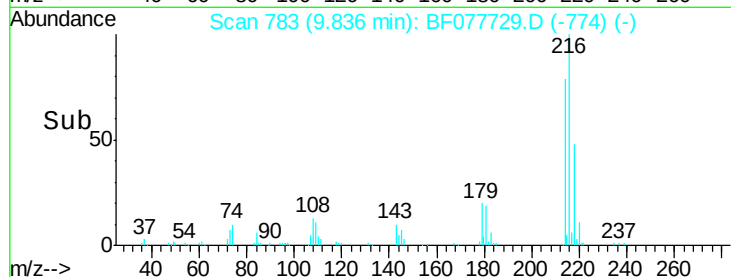
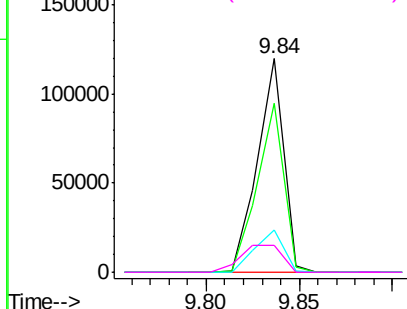
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.68 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:	216	Resp:	116809
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	21.2	0.0	0.0#
108	20.1	0.0	0.0#

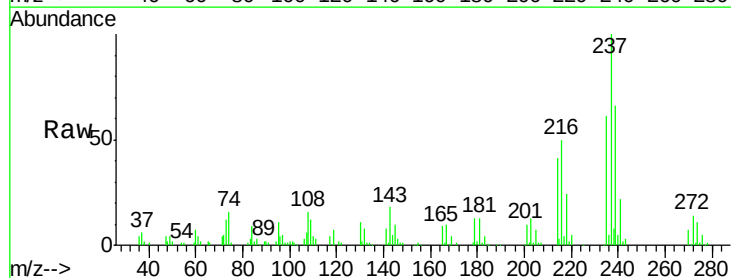


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

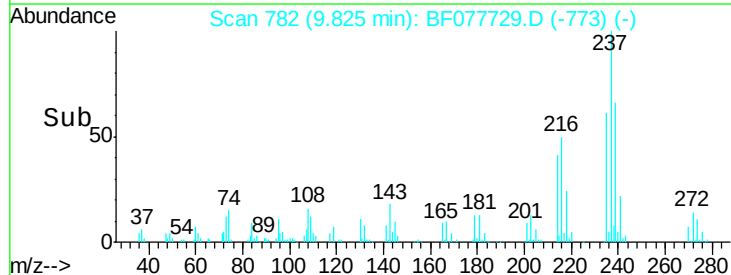
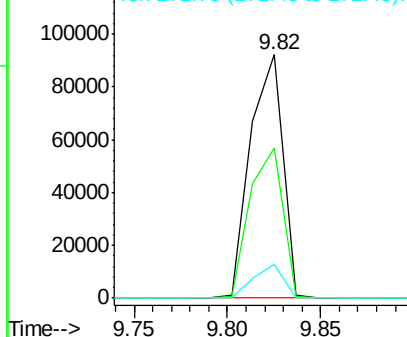


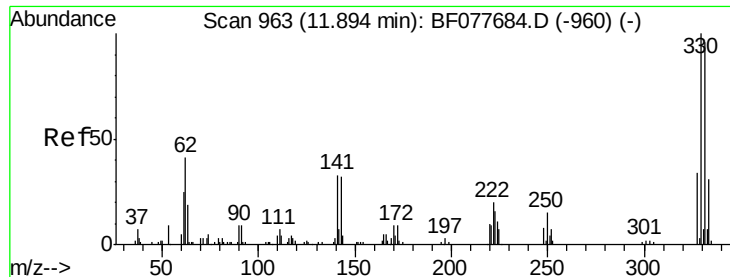
#40
 Hexachlorocyclopentadiene
 Concen: 68.17 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:	237	Resp:	110915
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	14.1	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

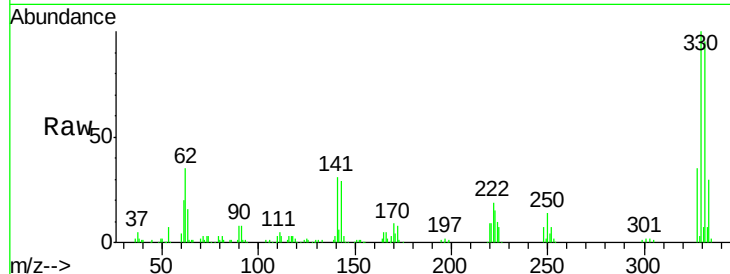




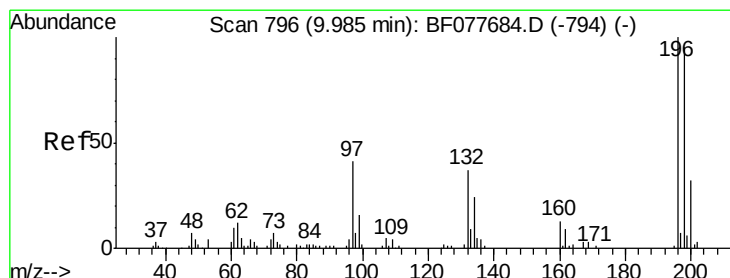
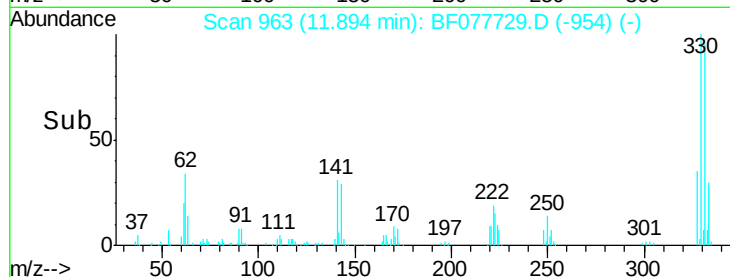
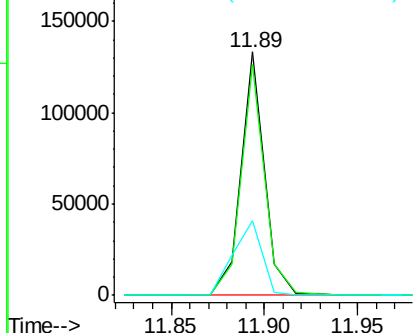
#41
 2,4,6-Tribromophenol
 Concen: 111.98 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:330 Resp: 117589
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 37.9 0.0 0.0#

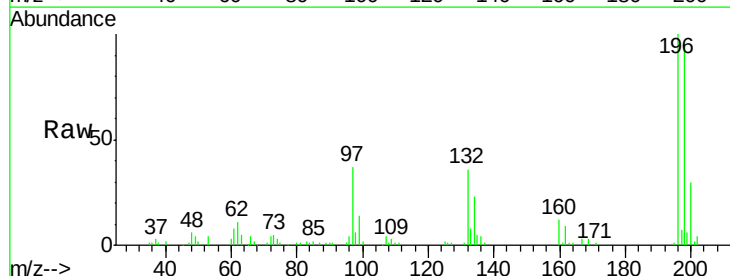


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

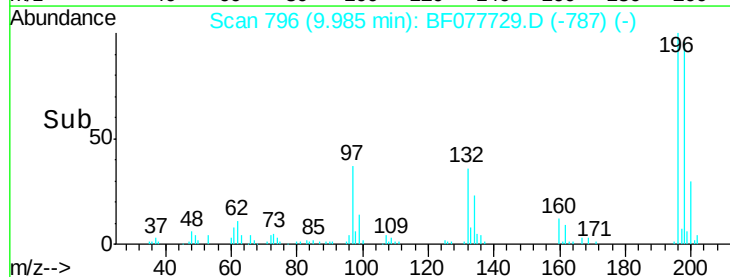
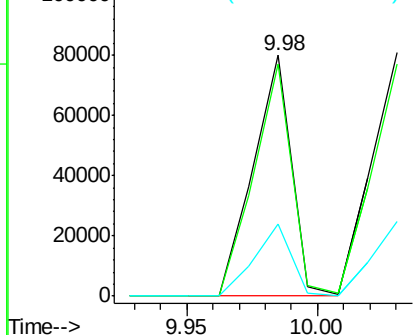


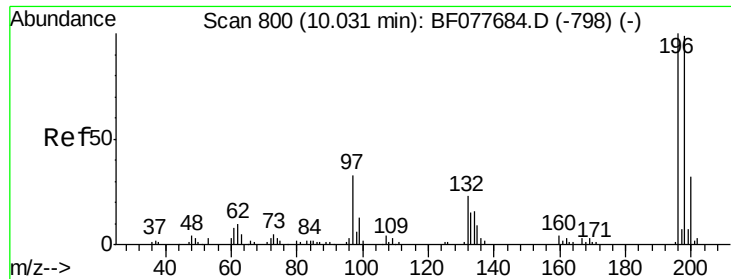
#42
 2,4,6-Trichlorophenol
 Concen: 36.29 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:196 Resp: 82297
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.3 114.5
 200 29.8 25.6 38.4



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

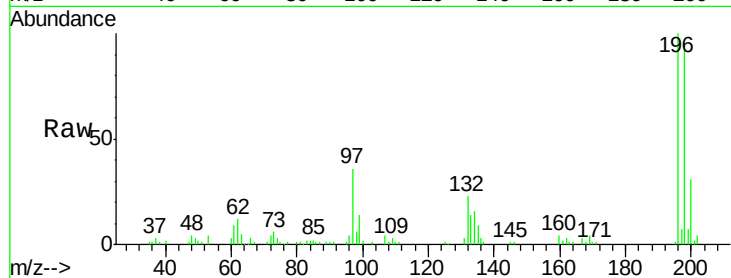




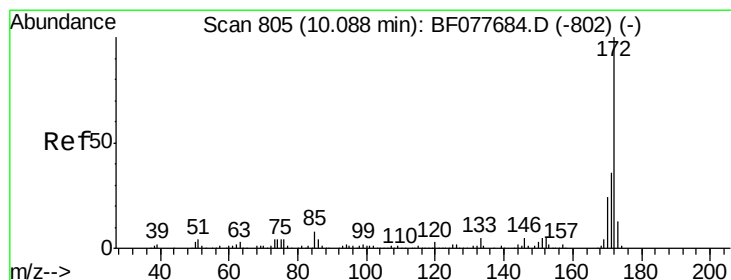
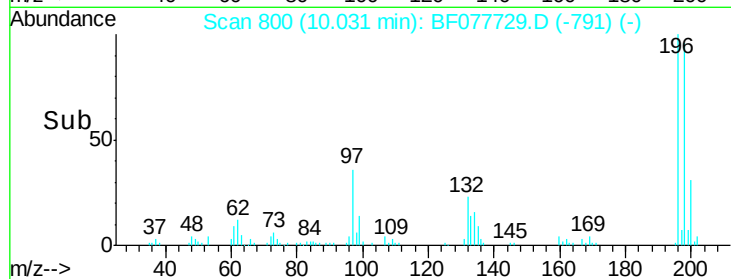
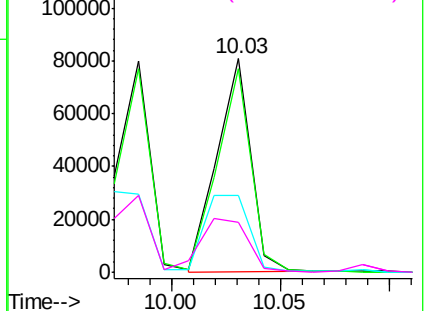
#43
 2,4,5-Trichlorophenol
 Concen: 35.31 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:196 Resp: 86490
 Ion Ratio Lower Upper
 196 100
 198 95.5 79.4 119.0
 97 36.1 26.8 40.2
 132 23.4 18.6 28.0

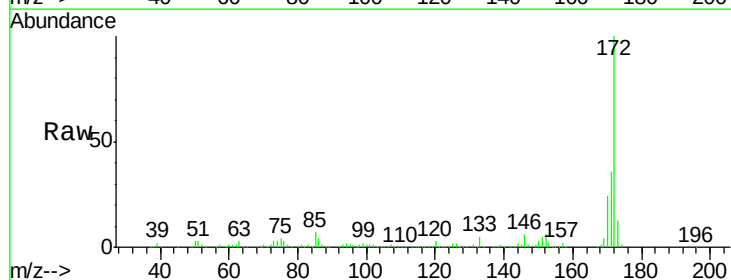


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

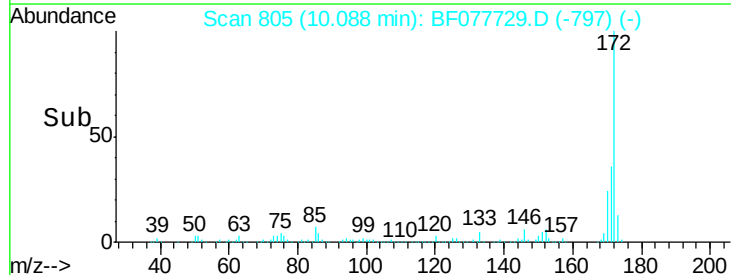
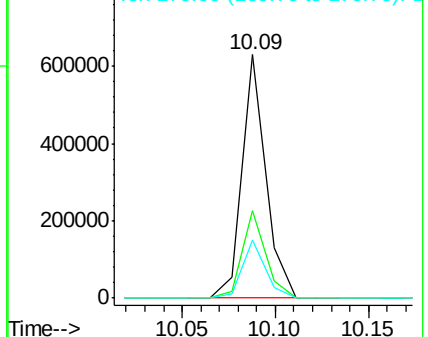


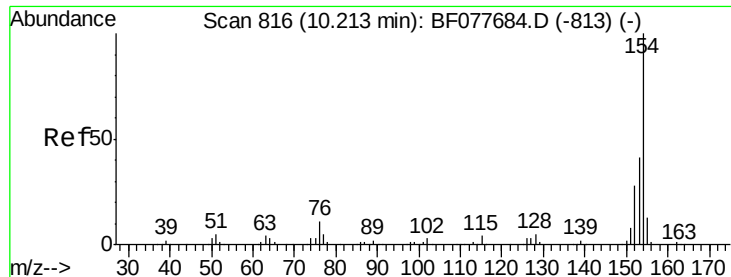
#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:172 Resp: 558716
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.7 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

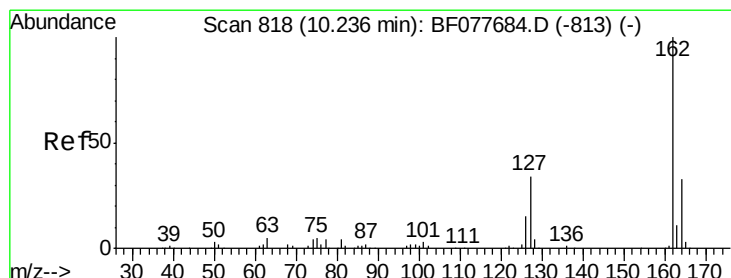
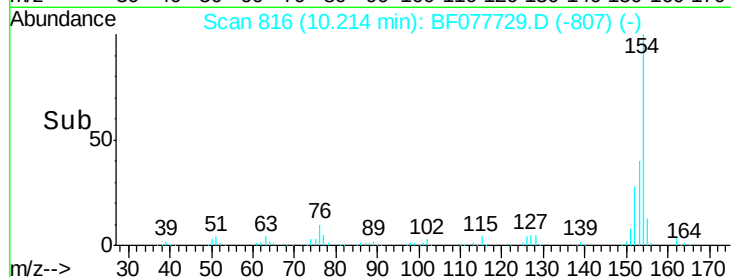
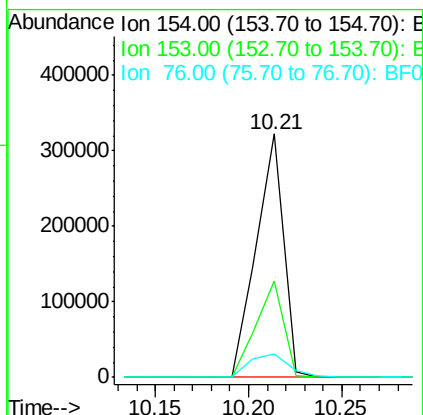
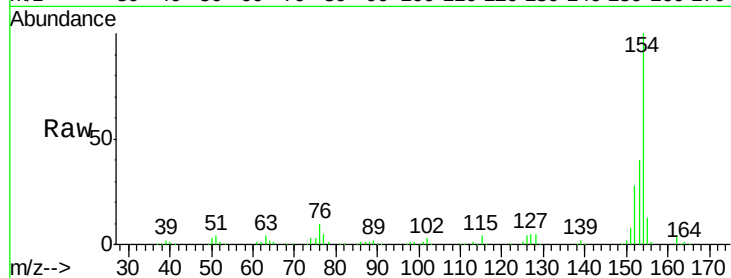




#45
 1,1'-Biphenyl
 Concen: 37.12 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

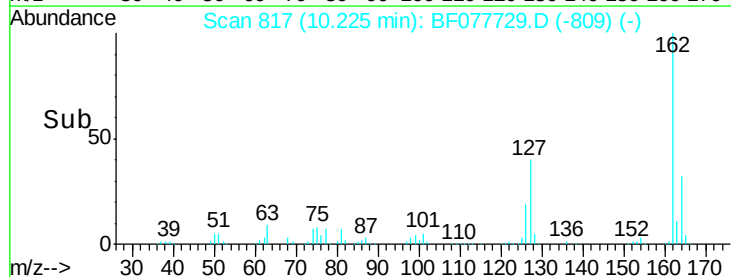
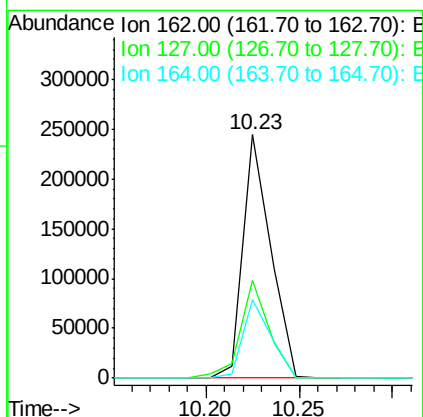
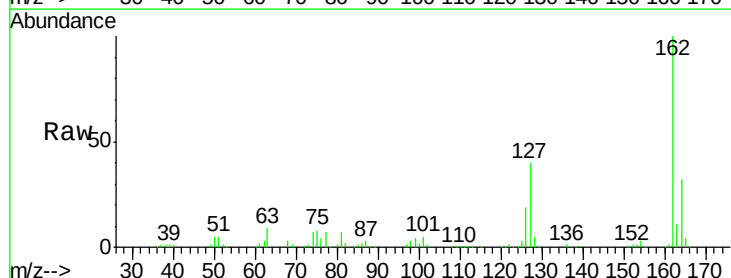
Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

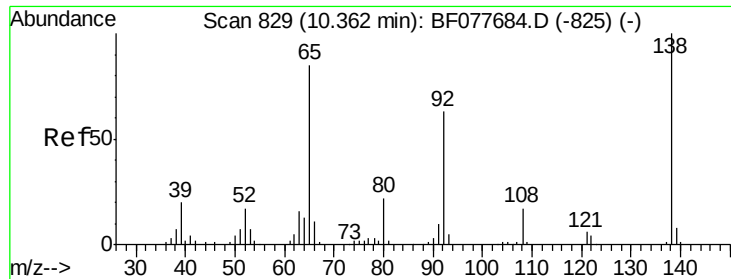
Tgt Ion:154 Resp: 325680
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.7 60.7
 76 9.8 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 35.37 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:162 Resp: 252190
 Ion Ratio Lower Upper
 162 100
 127 40.0 26.9 40.3
 164 32.3 26.8 40.2

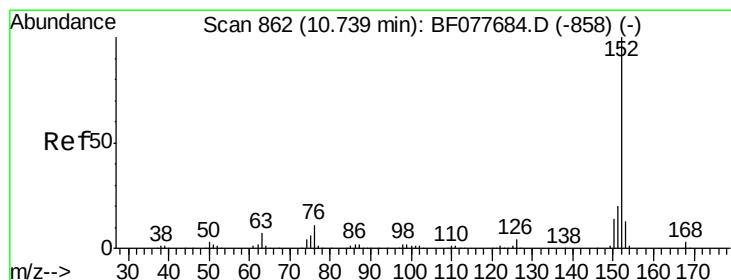
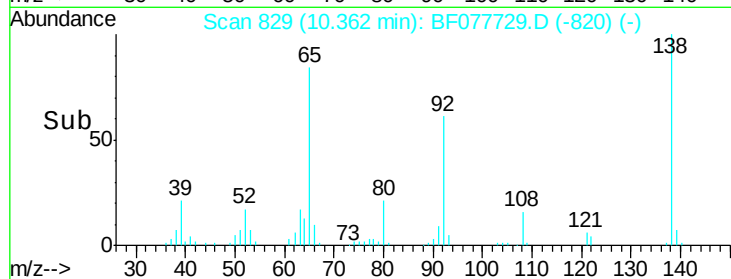
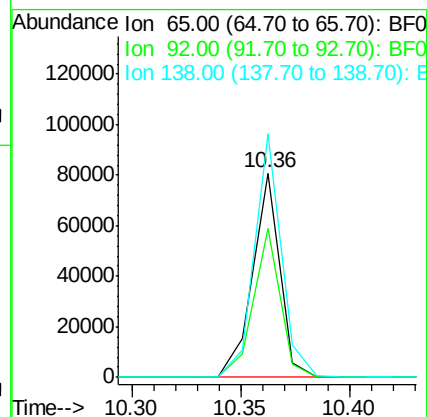
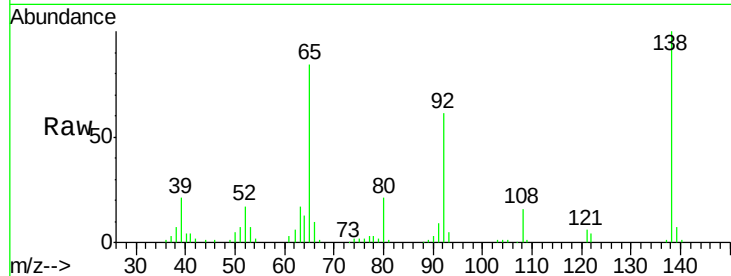




#47
2-Nitroaniline
Concen: 39.75 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

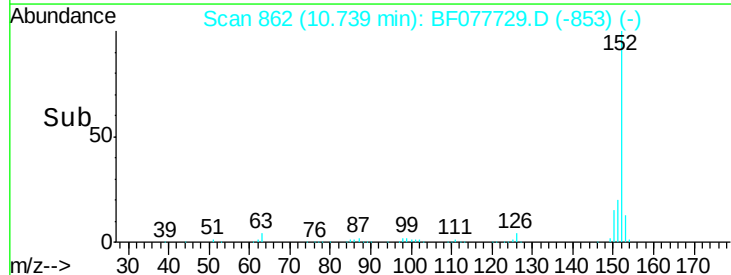
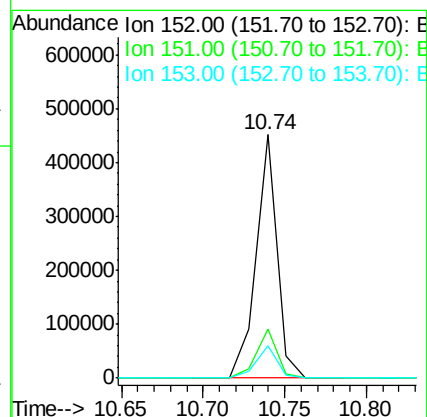
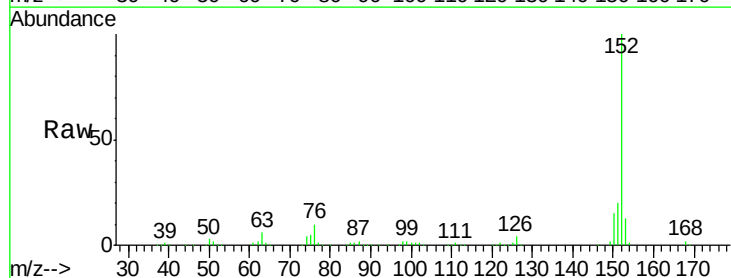
Instrument :
BNA_F
ClientSampleId :
PB82093BS

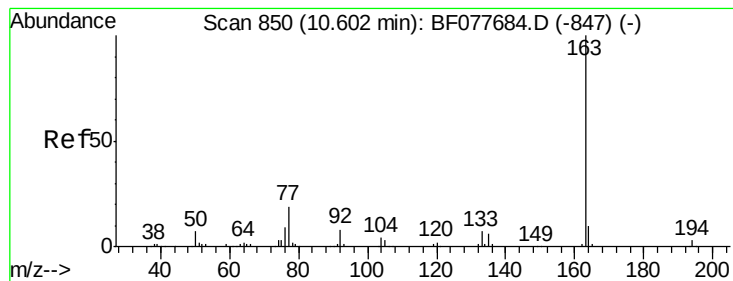
Tgt Ion: 65 Resp: 70383
Ion Ratio Lower Upper
65 100
92 73.0 59.1 88.7
138 119.2 93.9 140.9



#48
Acenaphthylene
Concen: 33.88 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion: 152 Resp: 401702
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 37.05 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

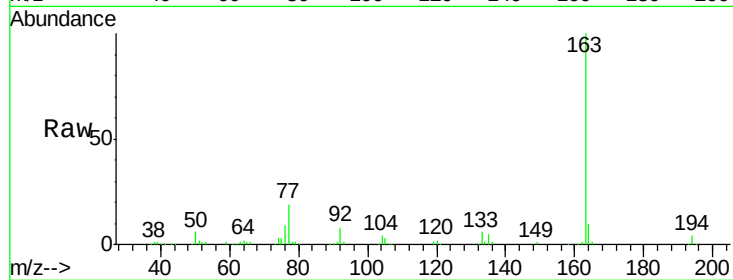
Tgt Ion:163 Resp: 301594

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

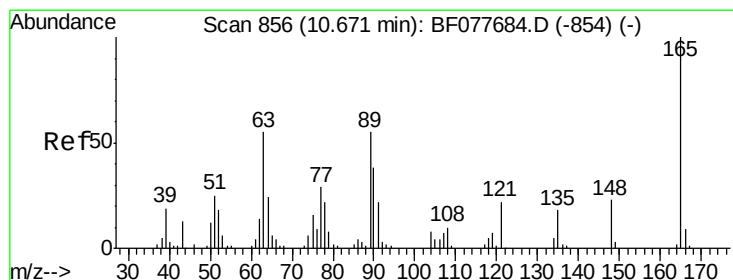
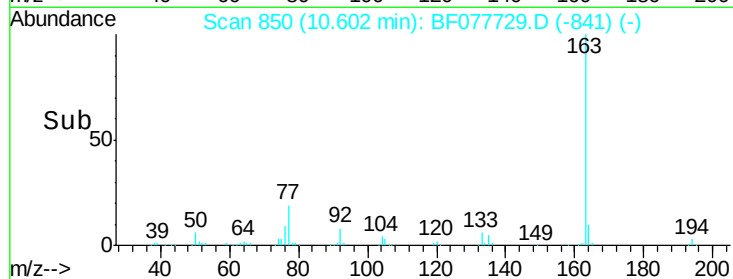
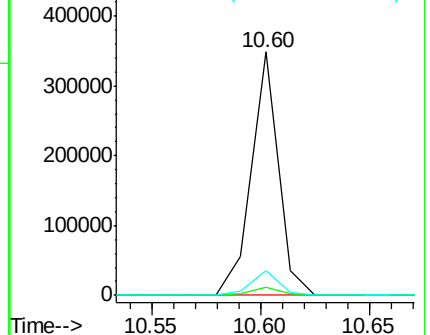
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.51 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

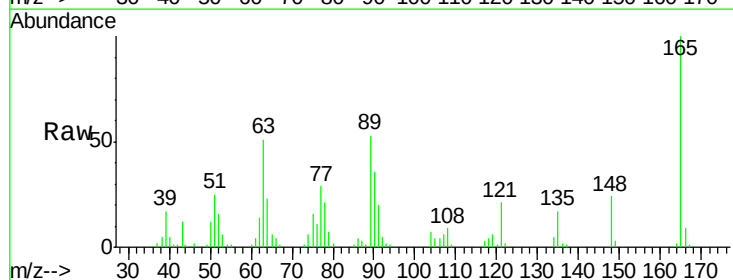
Tgt Ion:165 Resp: 64983

Ion Ratio Lower Upper

165 100

63 50.7 44.1 66.1

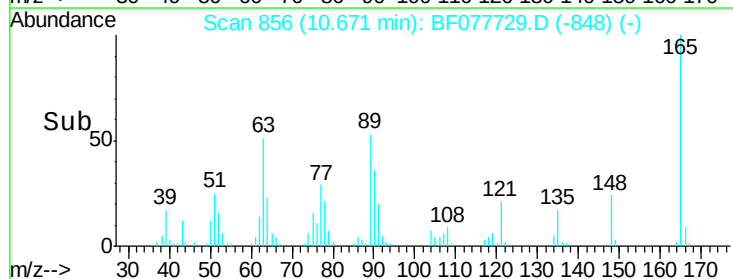
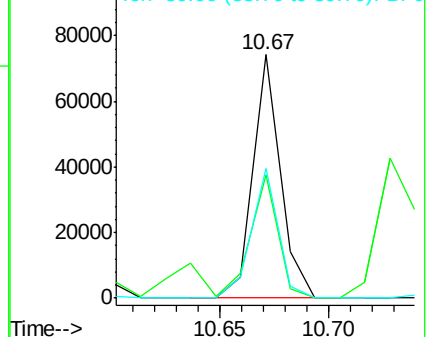
89 53.3 44.3 66.5

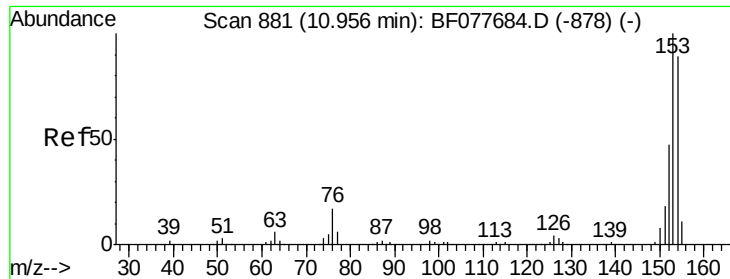


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

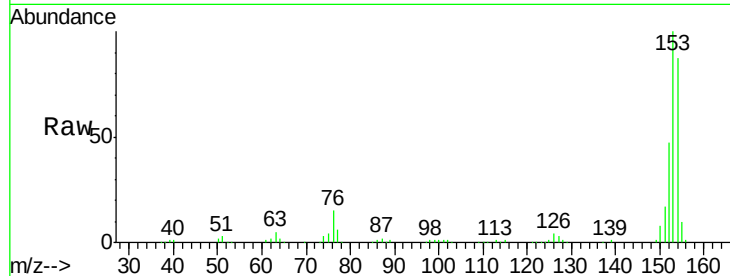




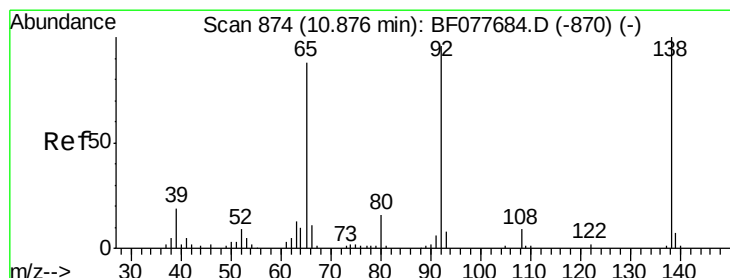
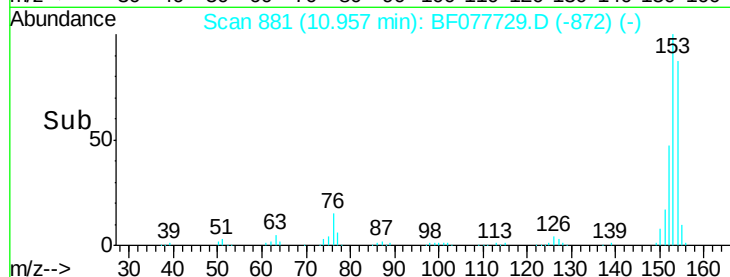
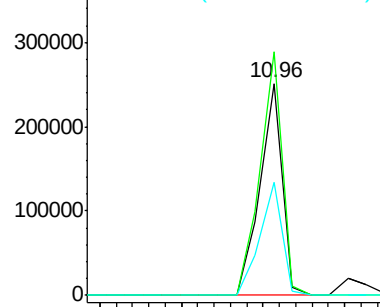
#51
Acenaphthene
Concen: 35.18 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion:154 Resp: 239145
Ion Ratio Lower Upper
154 100
153 114.9 90.0 135.0
152 53.6 42.6 63.8

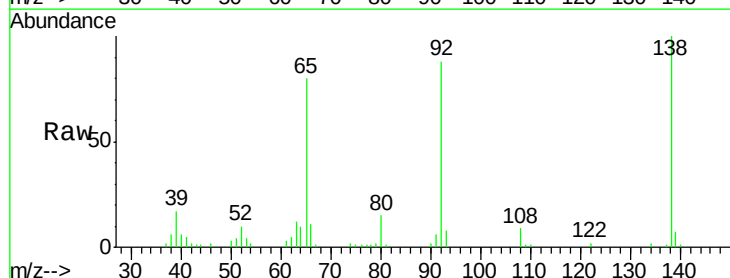


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

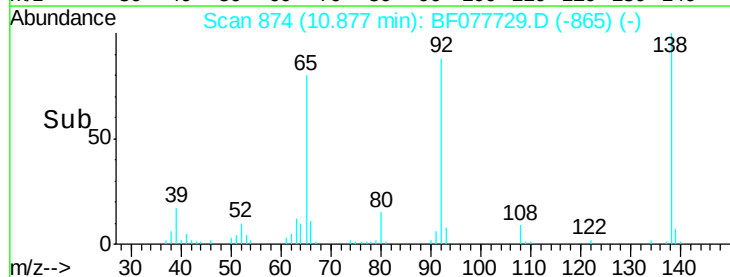
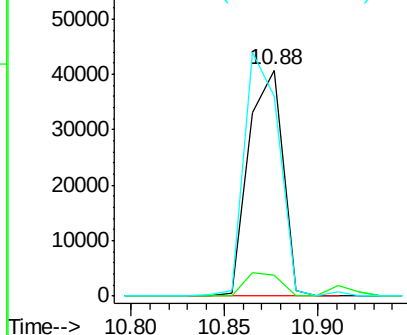


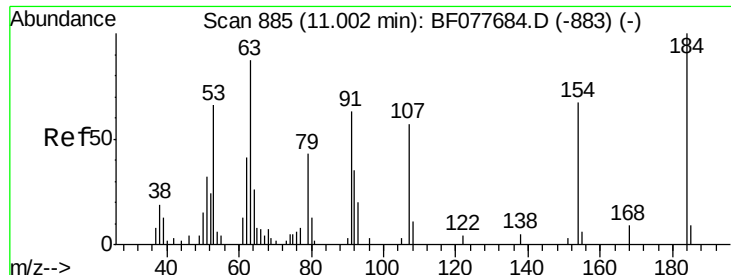
#52
3-Nitroaniline
Concen: 26.43 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:138 Resp: 51793
Ion Ratio Lower Upper
138 100
108 9.1 7.3 10.9
92 88.4 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

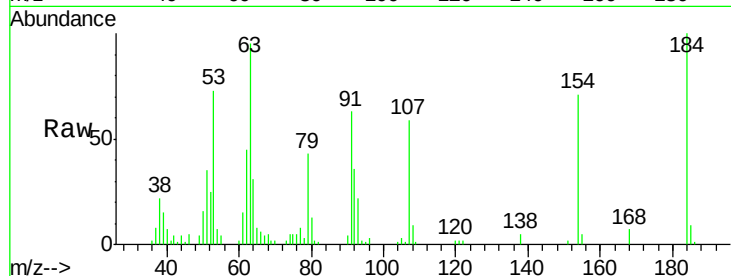




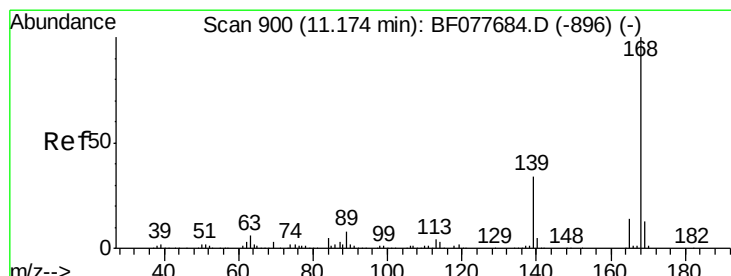
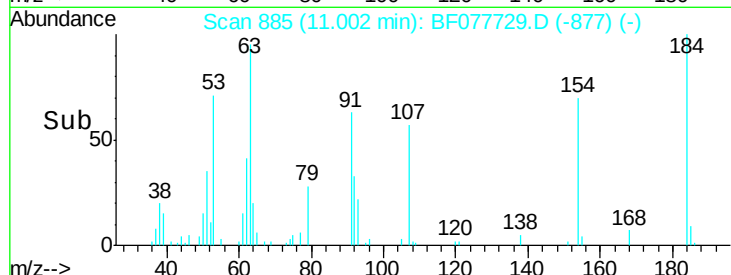
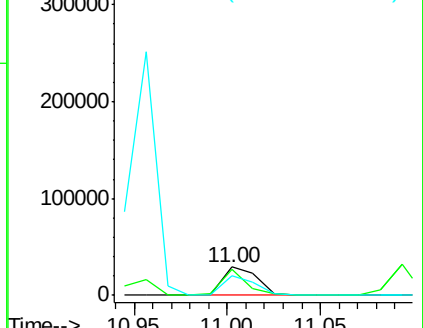
#53
2,4-Dinitrophenol
Concen: 64.27 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampled :
PB82093BS

Tgt Ion:184 Resp: 38744
Ion Ratio Lower Upper
184 100
63 94.7 69.2 103.8
154 71.0 53.3 79.9

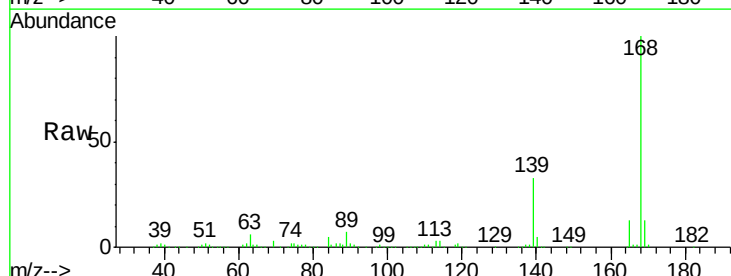


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

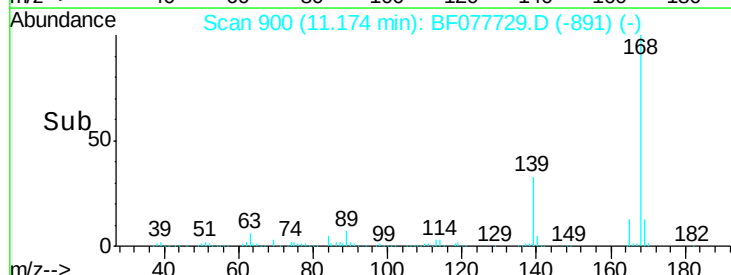
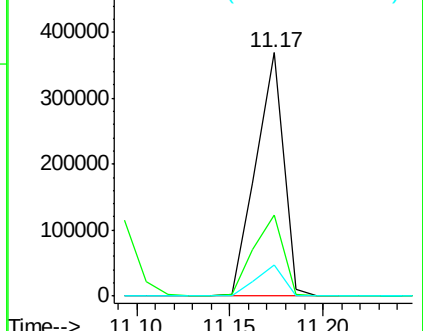


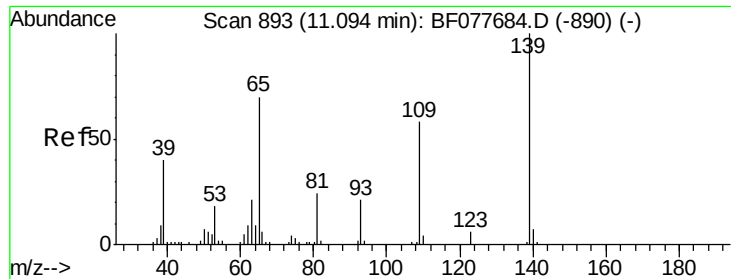
#54
Dibenzofuran
Concen: 37.59 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:168 Resp: 378967
Ion Ratio Lower Upper
168 100
139 33.1 27.3 40.9
169 12.8 10.6 16.0



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

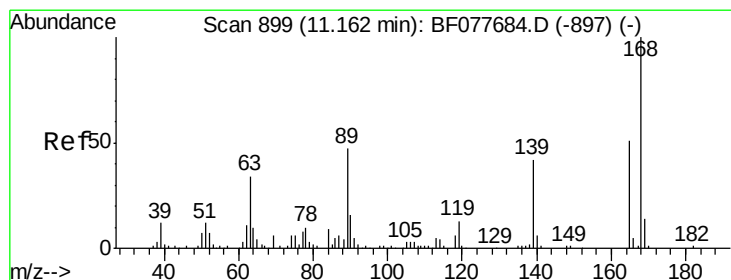
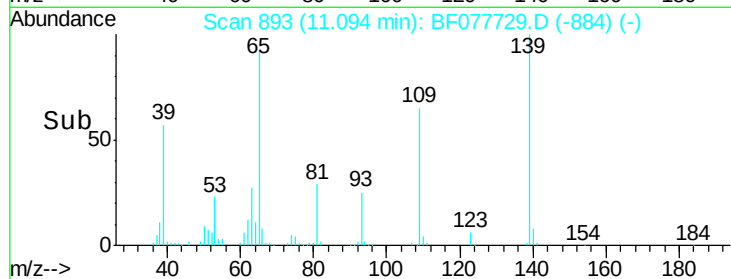
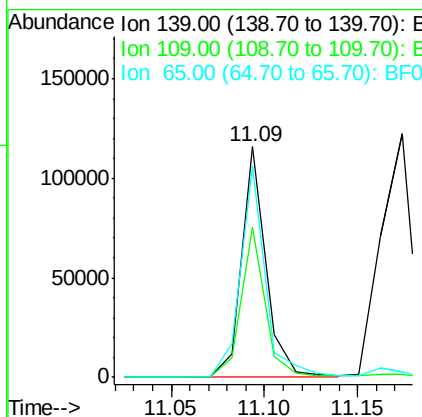
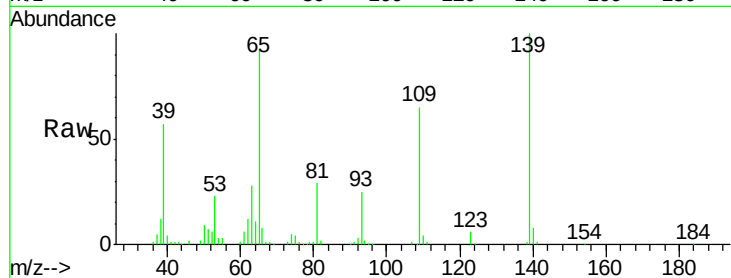




#55
4-Nitrophenol
Concen: 72.54 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

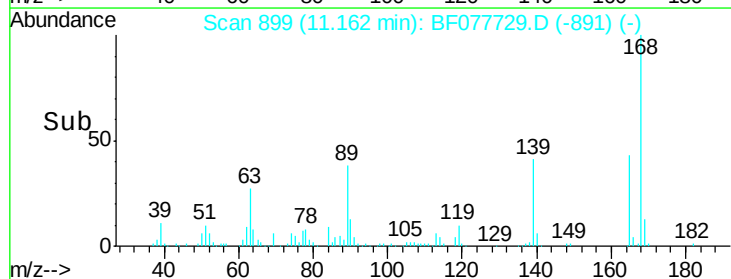
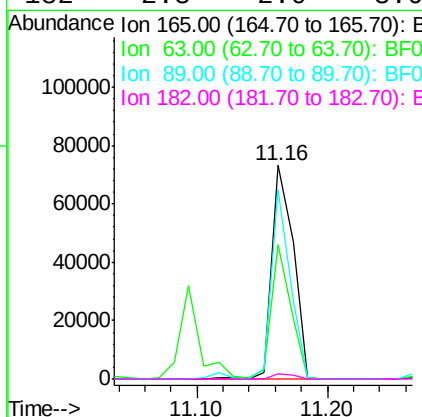
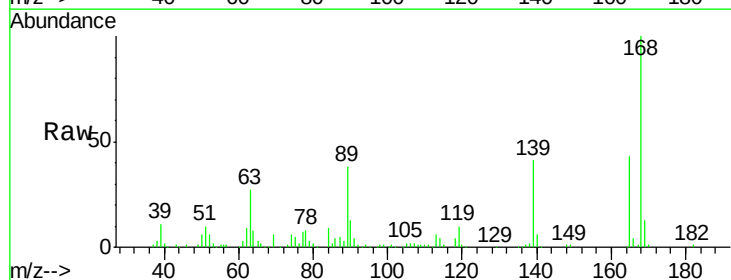
Instrument :
BNA_F
ClientSampleId :
PB82093BS

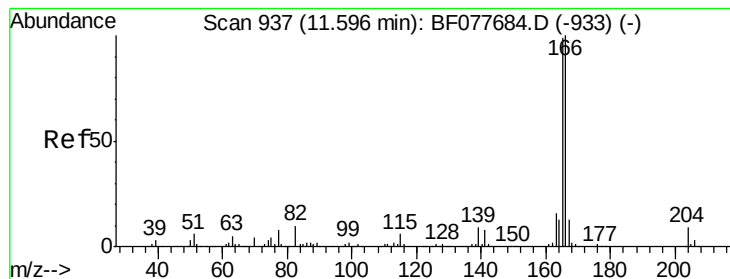
Tgt Ion:139 Resp: 105298
Ion Ratio Lower Upper
139 100
109 64.9 37.7 77.7
65 91.6 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 38.63 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:165 Resp: 84997
Ion Ratio Lower Upper
165 100
63 63.1 52.4 78.6
89 88.5 72.4 108.6
182 2.3 2.0 3.0





#57

Fluorene

Concen: 36.85 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

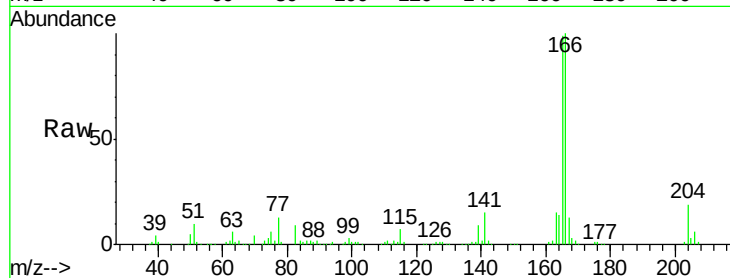
Tgt Ion:166 Resp: 308486

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

167 13.0 10.3 15.5

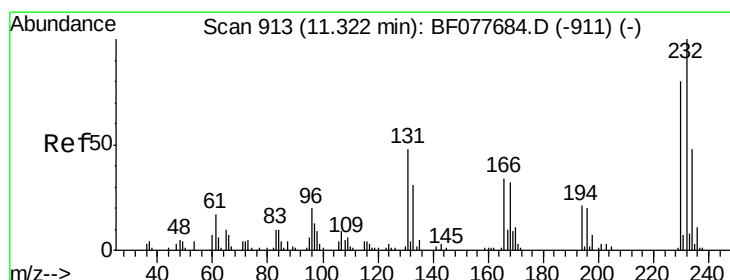
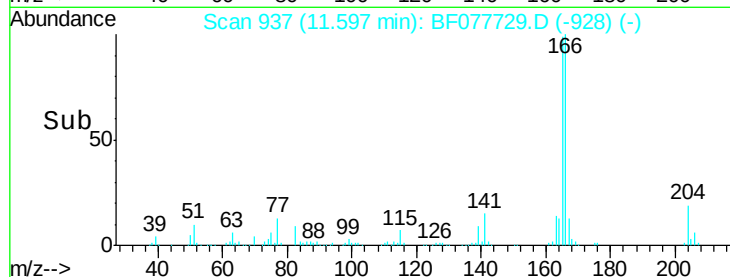
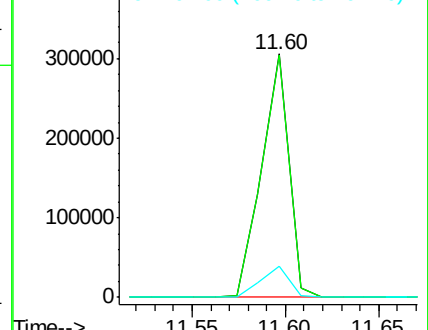


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.48 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Tgt Ion:232 Resp: 70690

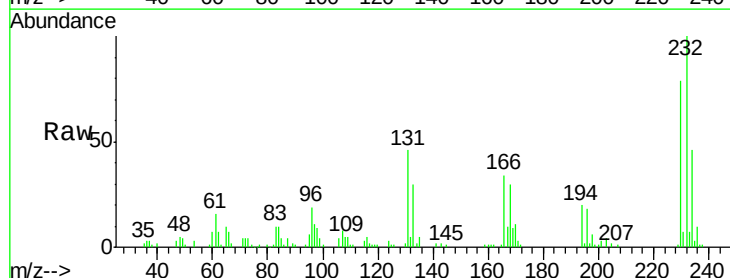
Ion Ratio Lower Upper

232 100

131 45.0 0.0 0.0#

130 1.9 0.0 0.0#

166 33.0 0.0 0.0#



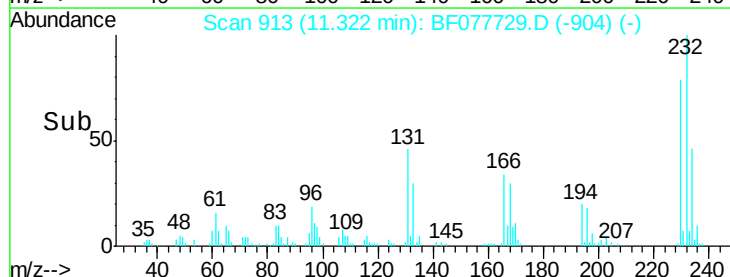
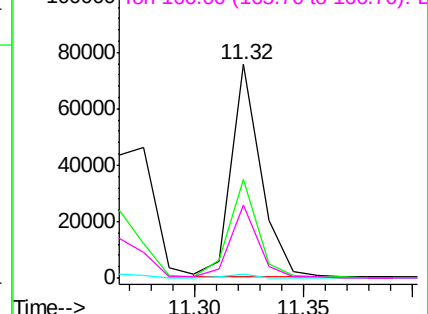
Abundance

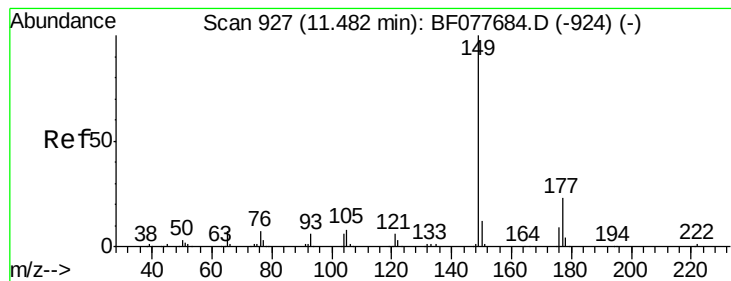
Ion 232.00 (231.70 to 232.70): E

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: 37.75 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

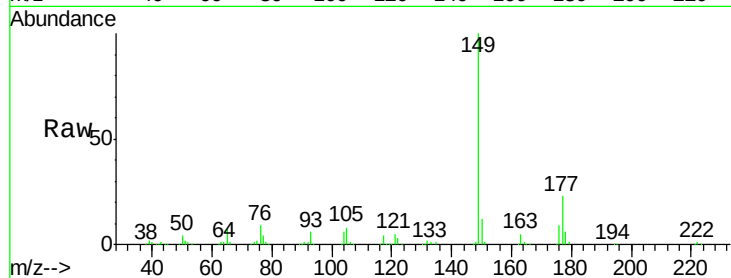
Tgt Ion:149 Resp: 299436

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

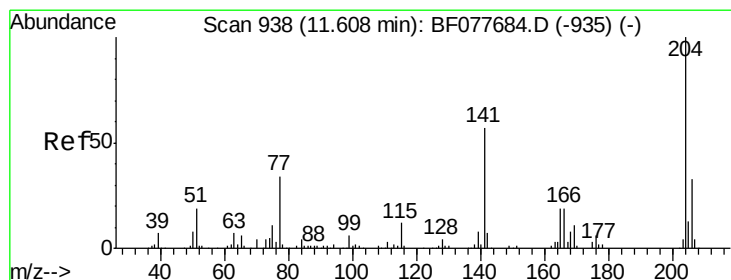
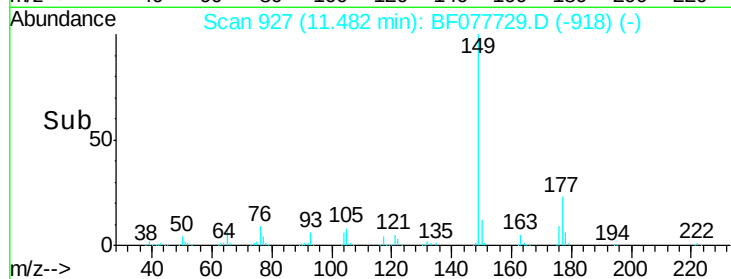
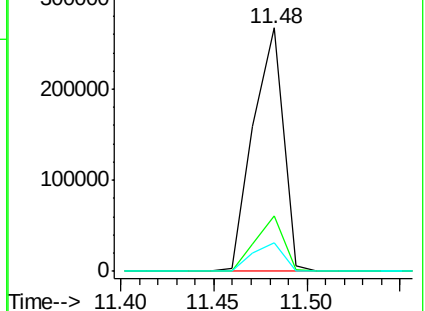
150 11.7 9.8 14.8



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: 36.32 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

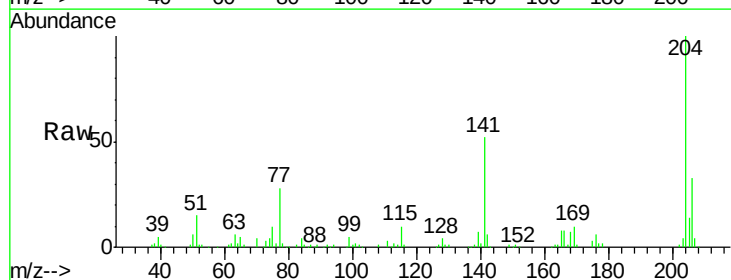
Tgt Ion:204 Resp: 138768

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

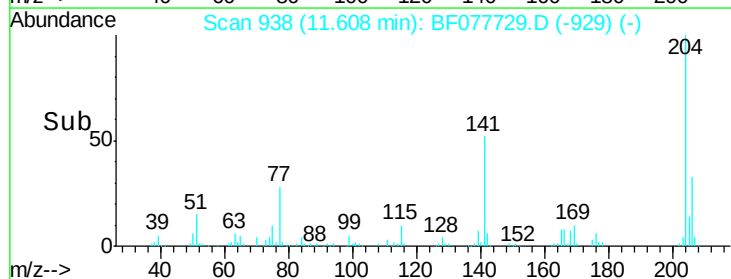
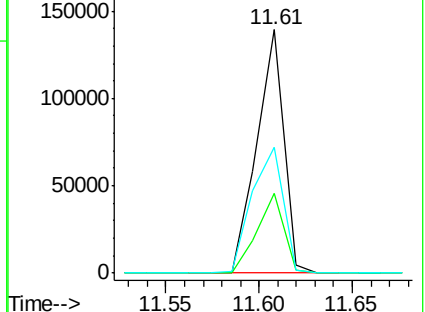
141 51.9 45.2 67.8

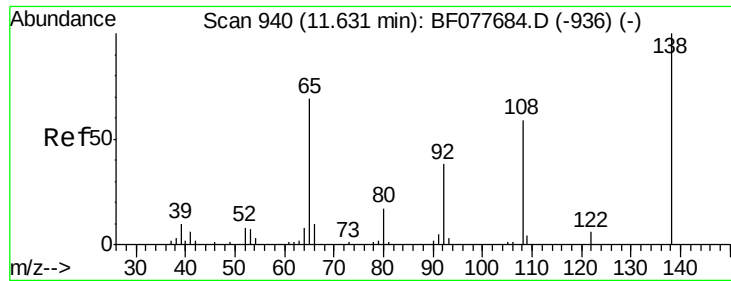


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

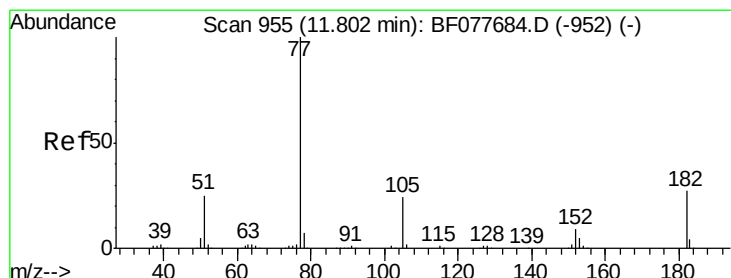
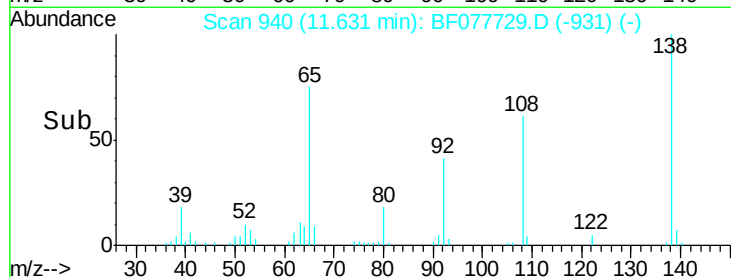
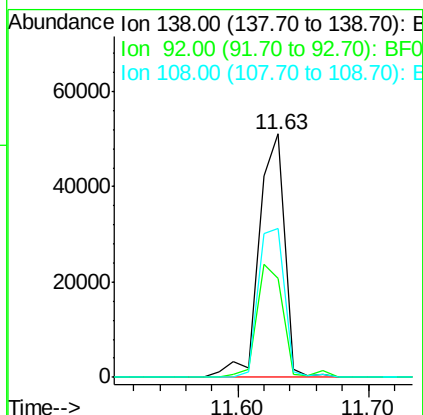
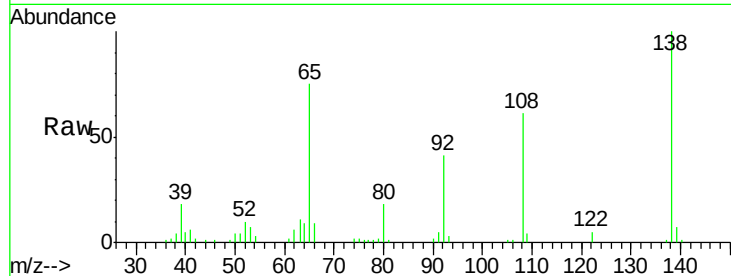




#61
4-Nitroaniline
Concen: 35.91 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

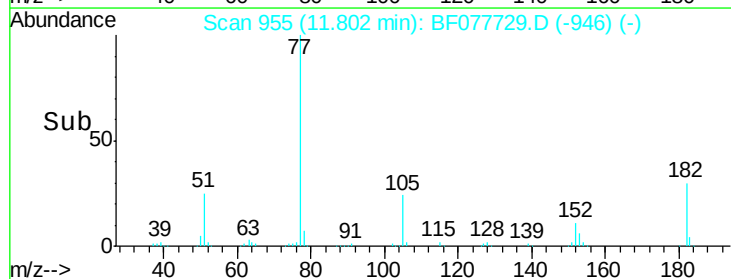
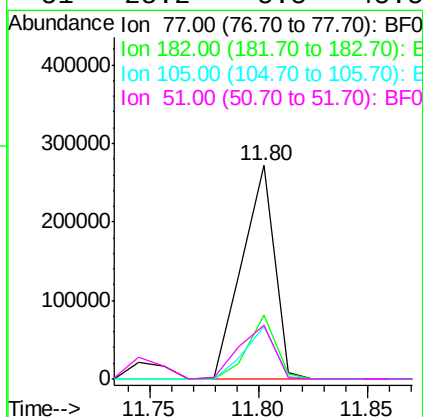
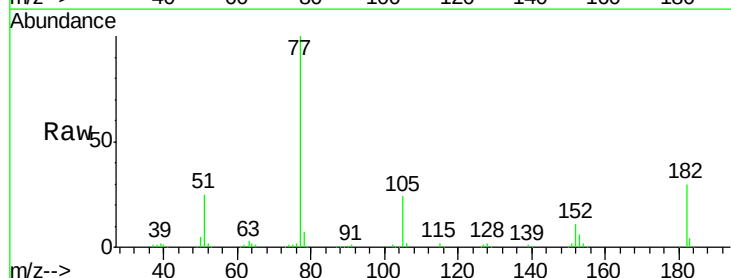
Instrument :
BNA_F
ClientSampleId :
PB82093BS

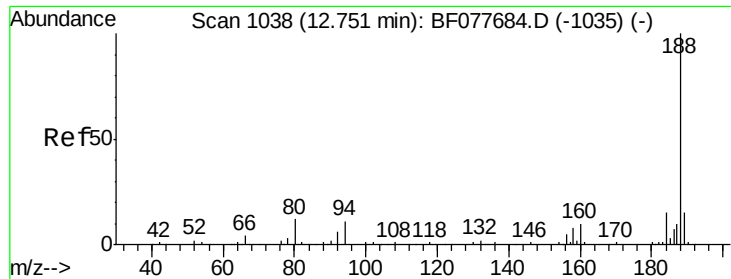
Tgt Ion:138 Resp: 70125
Ion Ratio Lower Upper
138 100
92 40.8 16.7 56.7
108 61.2 37.6 77.6



#62
Azobenzene
Concen: 37.43 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion: 77 Resp: 283692
Ion Ratio Lower Upper
77 100
182 29.9 6.5 46.5
105 24.3 3.8 43.8
51 25.2 5.5 45.5

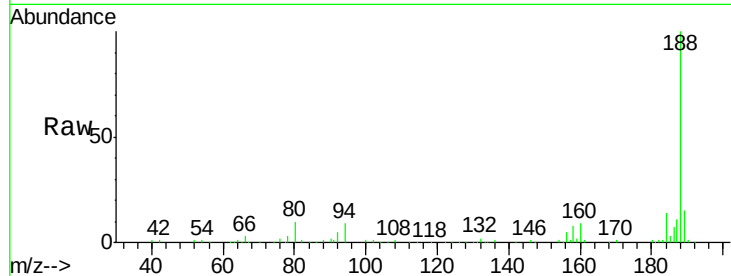




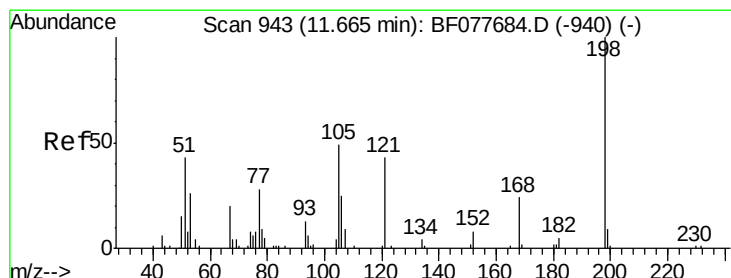
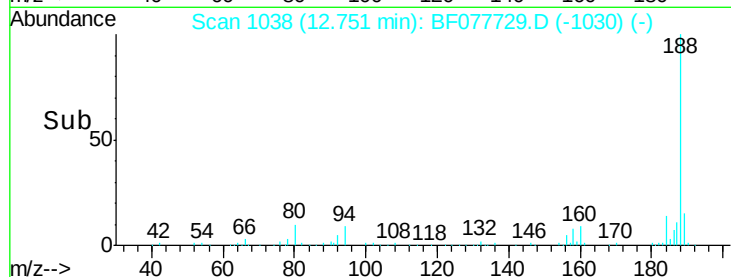
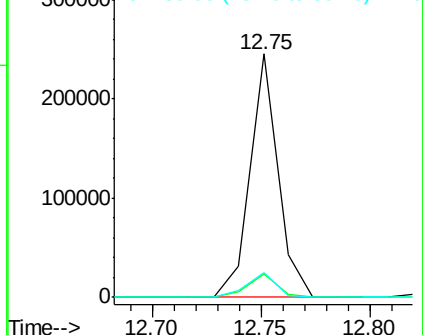
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion:188 Resp: 219298
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 10.2 9.3 13.9

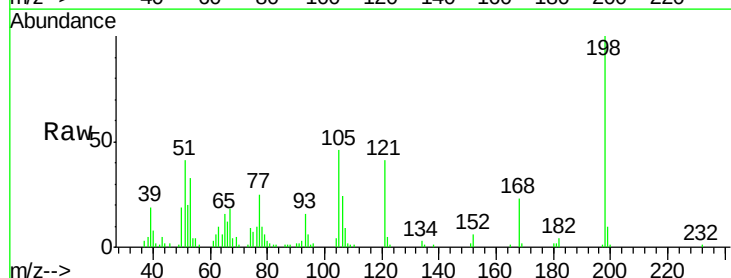


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

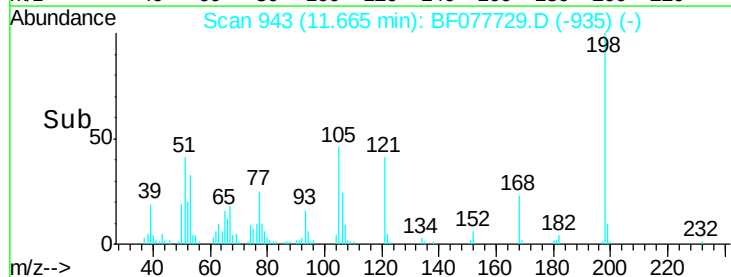
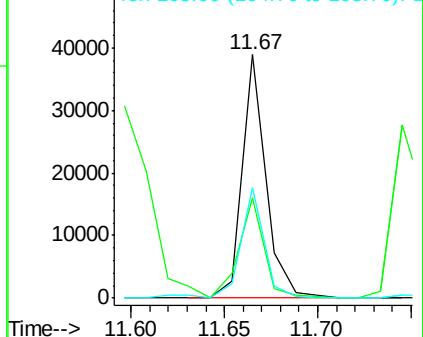


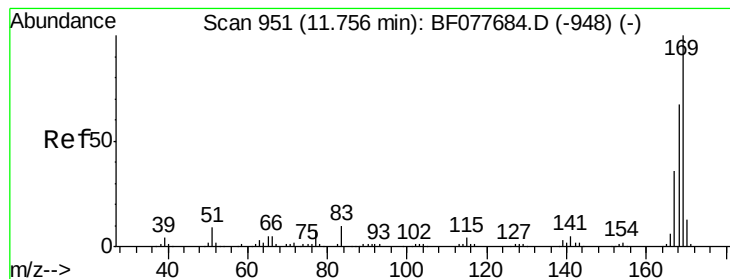
#64
4,6-Dinitro-2-methylphenol
Concen: 34.60 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:198 Resp: 34465
Ion Ratio Lower Upper
198 100
51 41.4 28.8 68.8
105 45.6 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

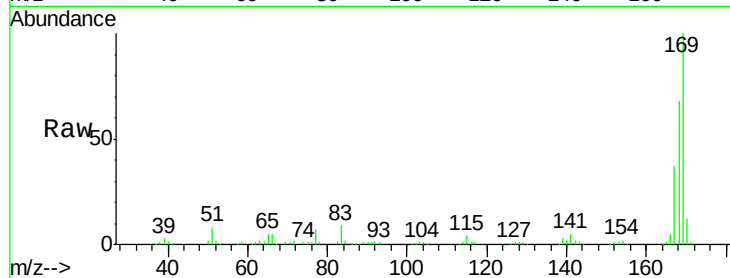




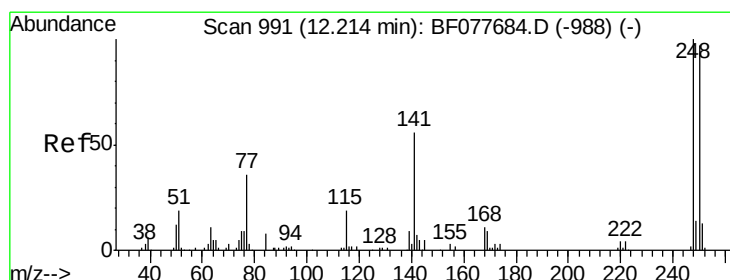
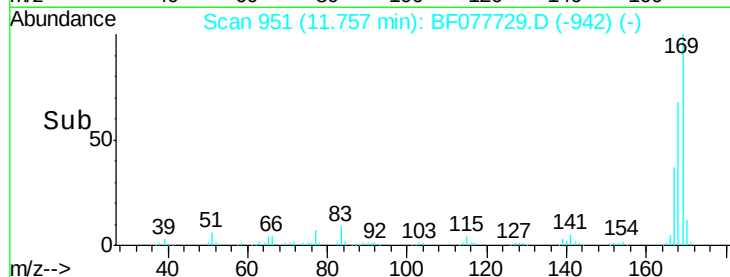
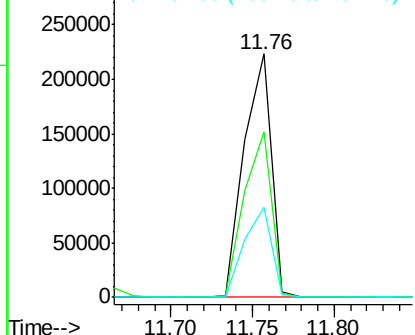
#65
 n-Nitrosodiphenylamine
 Concen: 35.39 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:169 Resp: 258424
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.9 80.9
 167 36.8 28.9 43.3

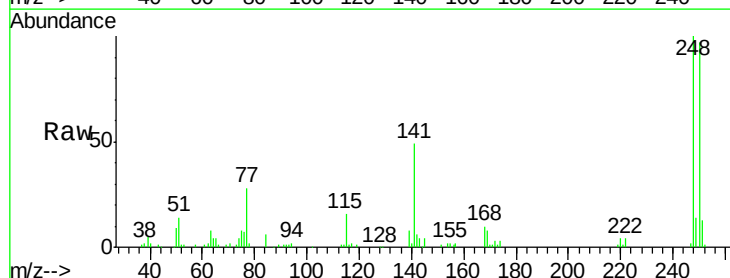


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

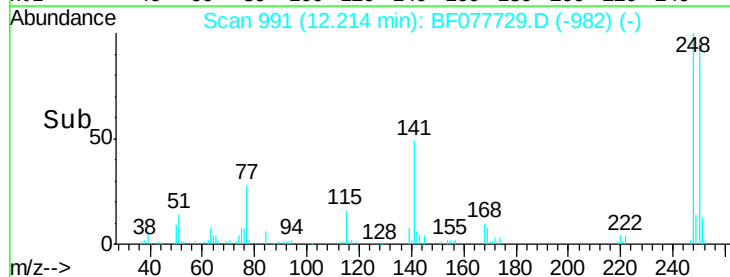
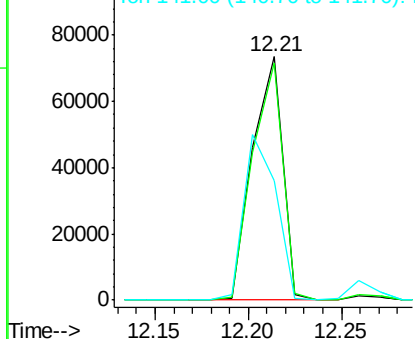


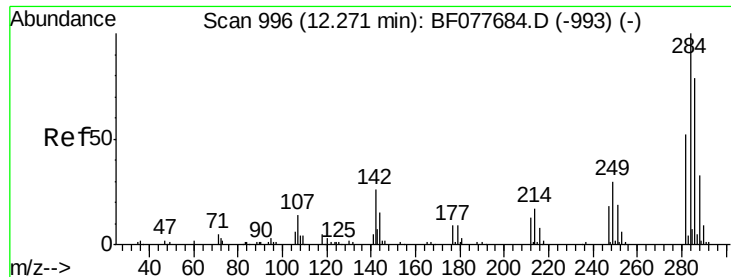
#66
 4-Bromophenyl-phenylether
 Concen: 35.76 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:248 Resp: 83700
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.4 116.0
 141 49.0 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

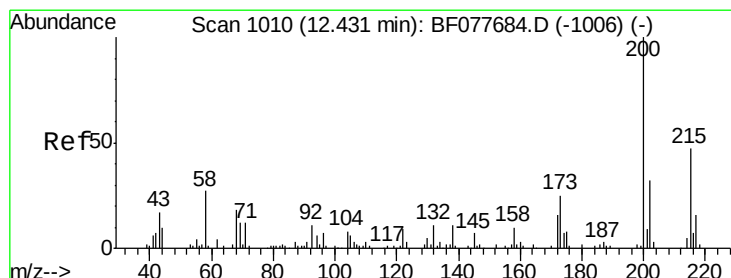
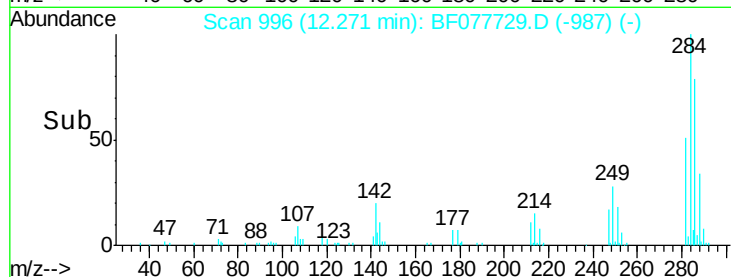
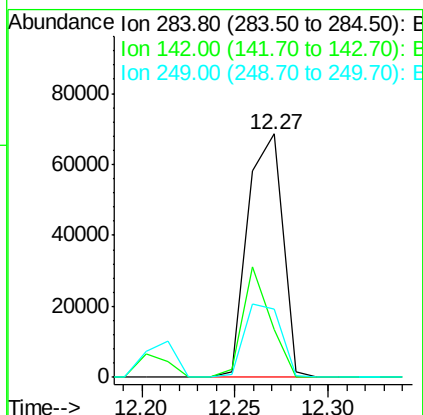
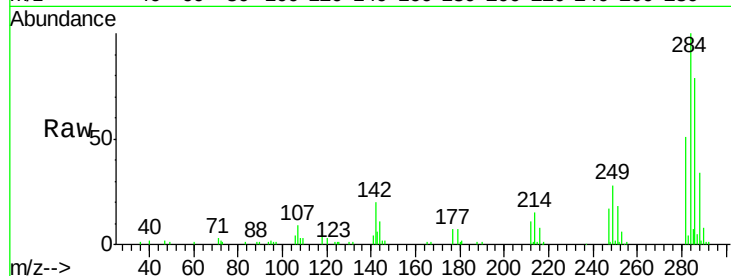




#67
Hexachlorobenzene
Concen: 34.67 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

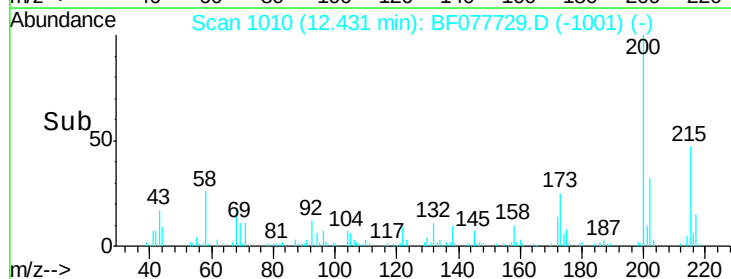
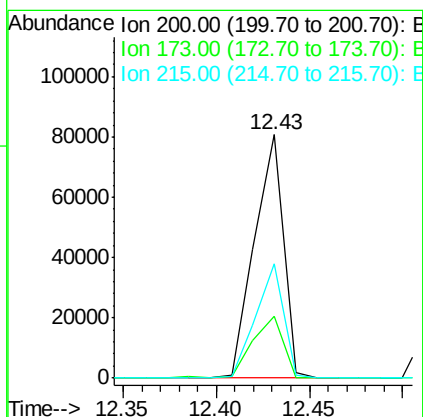
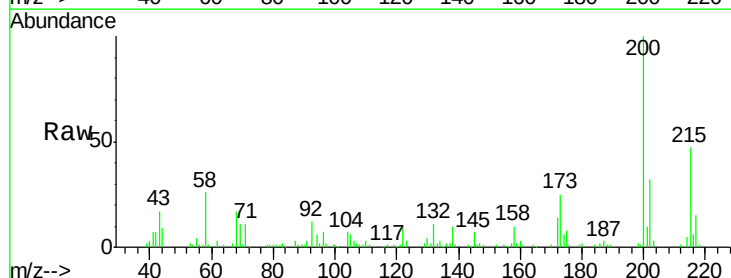
Instrument :
BNA_F
ClientSampleId :
PB82093BS

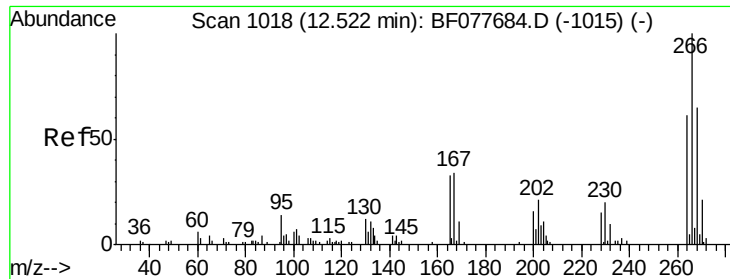
Tgt Ion:284 Resp: 89161
Ion Ratio Lower Upper
284 100
142 19.6 20.4 30.6#
249 27.9 23.8 35.6



#68
Atrazine
Concen: 42.20 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

Tgt Ion:200 Resp: 86348
Ion Ratio Lower Upper
200 100
173 25.2 4.8 44.8
215 46.8 26.9 66.9

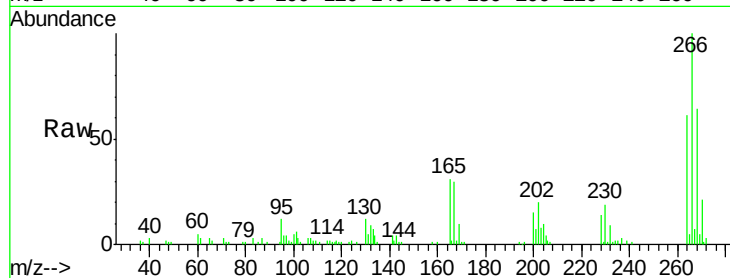




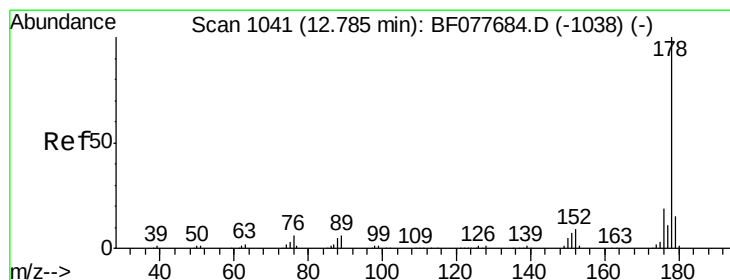
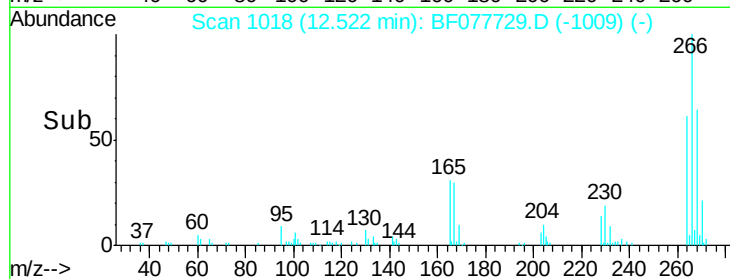
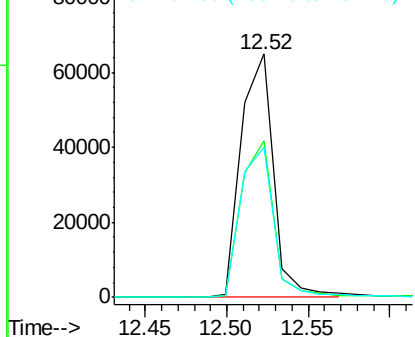
#69
 Pentachlorophenol
 Concen: 66.87 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:266 Resp: 89352
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.0 78.0
 264 61.4 49.0 73.4

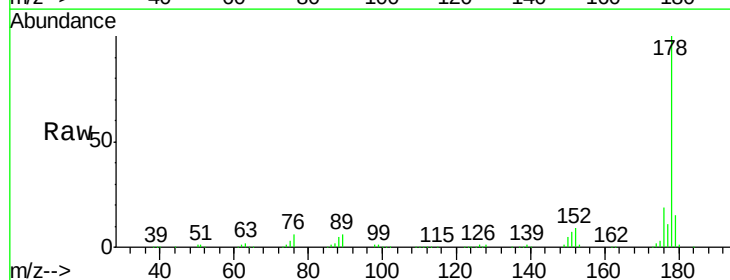


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

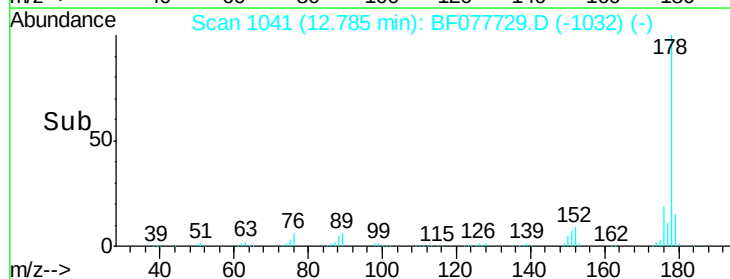
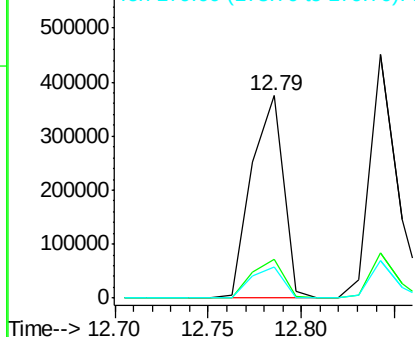


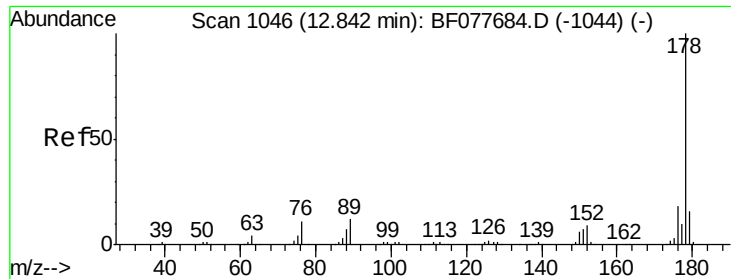
#70
 Phenanthrene
 Concen: 35.16 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:178 Resp: 442587
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.1 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

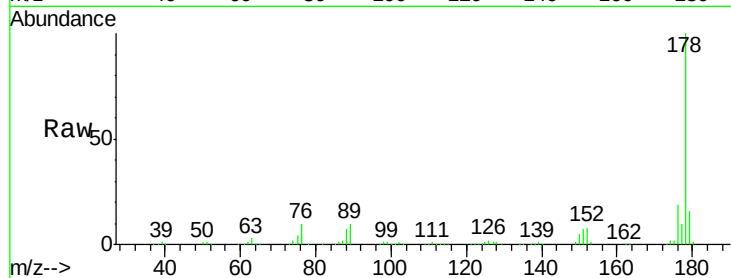




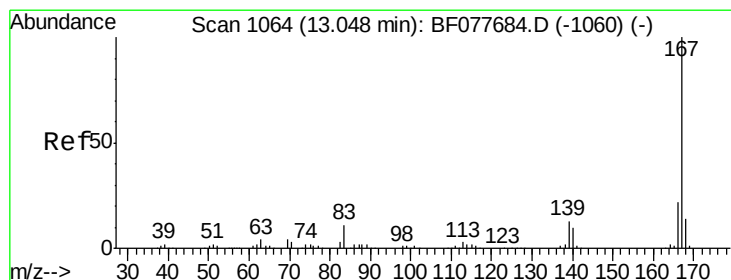
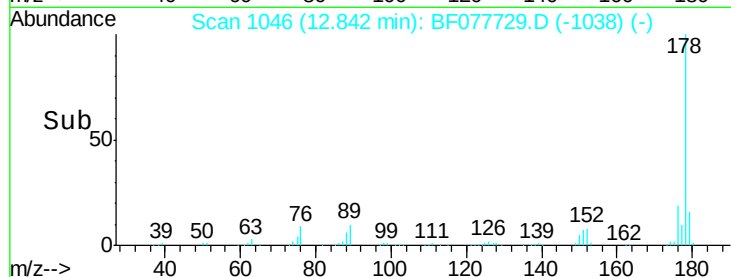
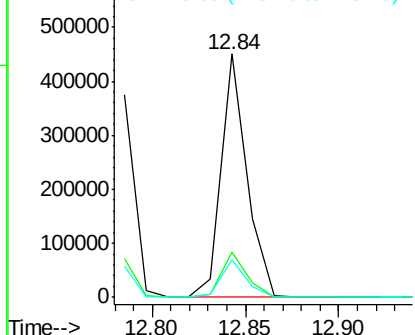
#71
 Anthracene
 Concen: 34.88 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BS

Tgt Ion:178 Resp: 433863
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.6 12.6 19.0

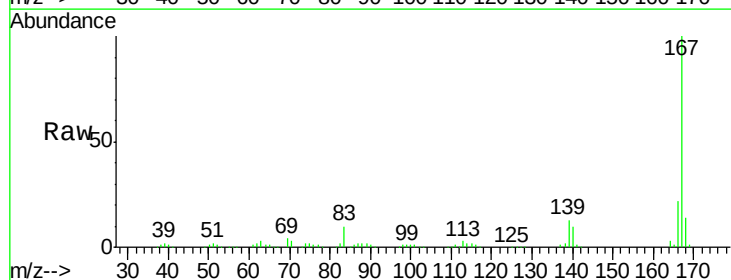


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

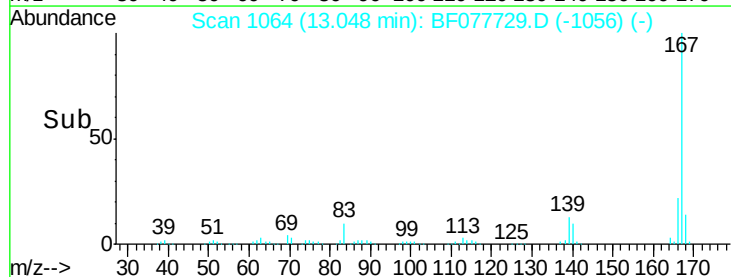
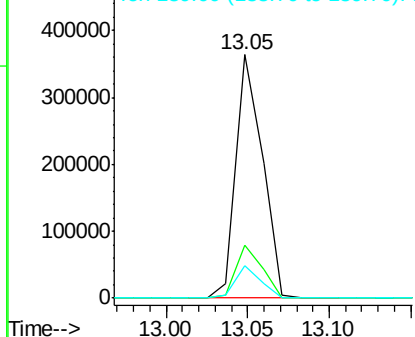


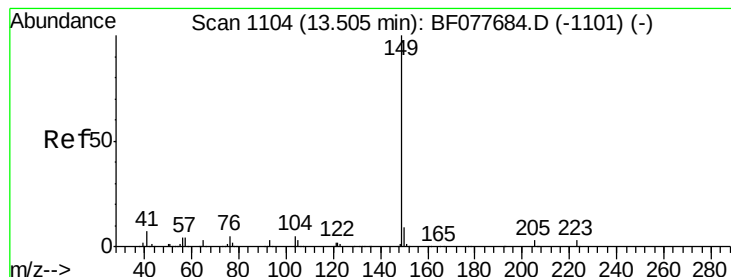
#72
 Carbazole
 Concen: 34.52 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF077729.D
 Acq: 12 Mar 2015 16:32

Tgt Ion:167 Resp: 408427
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.07 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

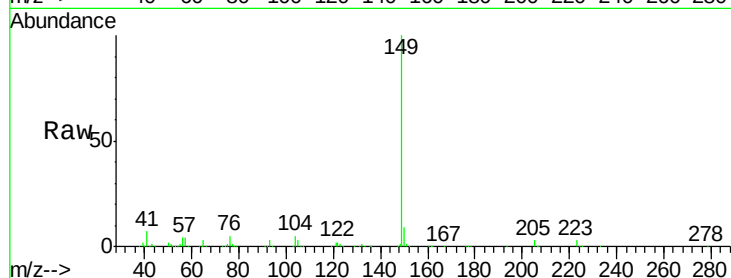
Tgt Ion:149 Resp: 491737

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

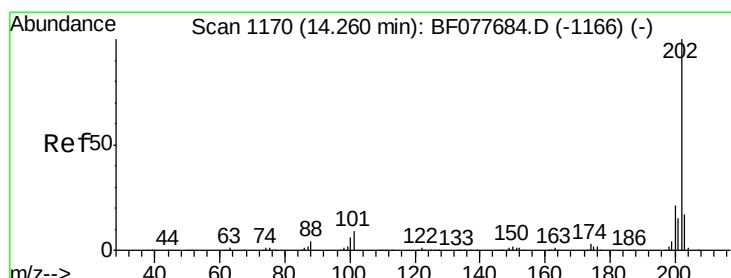
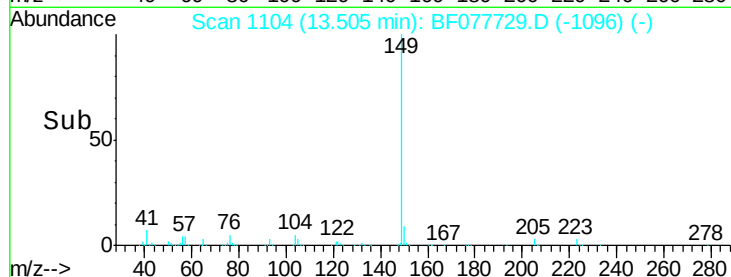
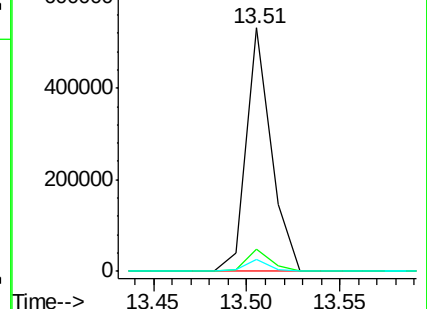
104 4.6 3.7 5.5



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: 33.14 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

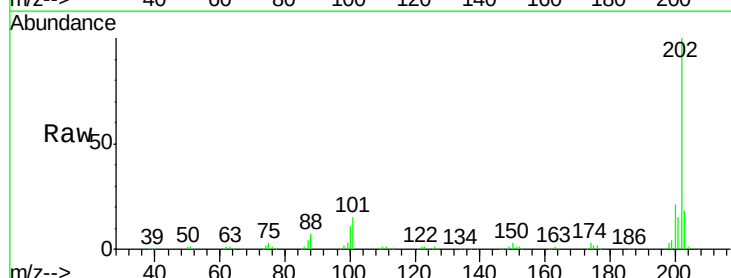
Tgt Ion:202 Resp: 460236

Ion Ratio Lower Upper

202 100

101 15.4 0.0 28.7

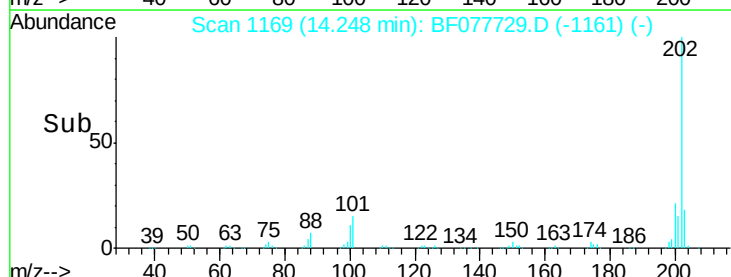
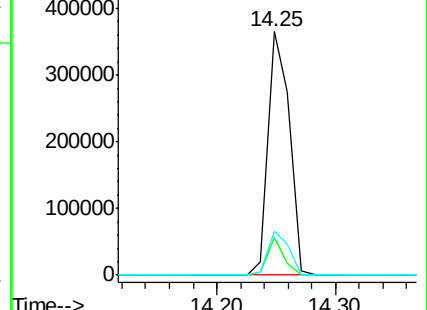
203 17.9 0.0 37.2

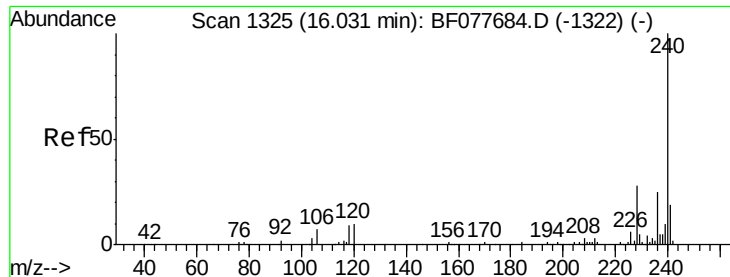


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.04 min Scan# 1326

Delta R.T. -0.13 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

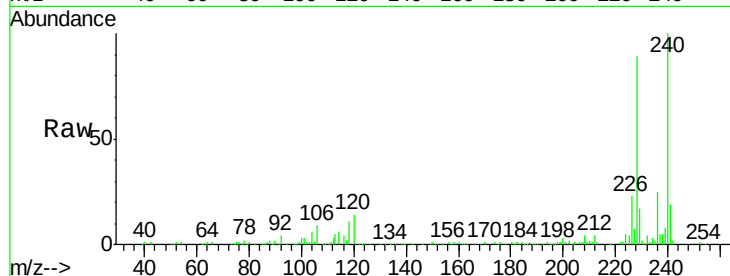
Tgt Ion: 240 Resp: 220526

Ion Ratio Lower Upper

240 100

120 14.2 8.2 12.2#

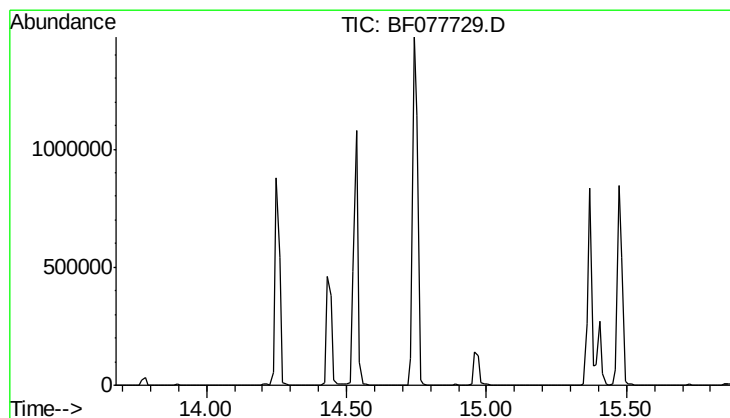
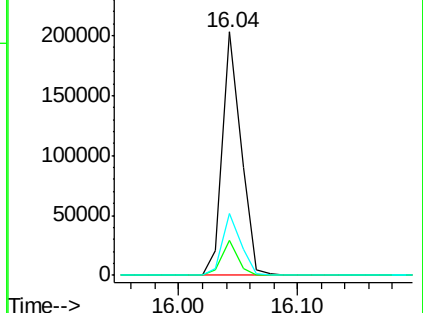
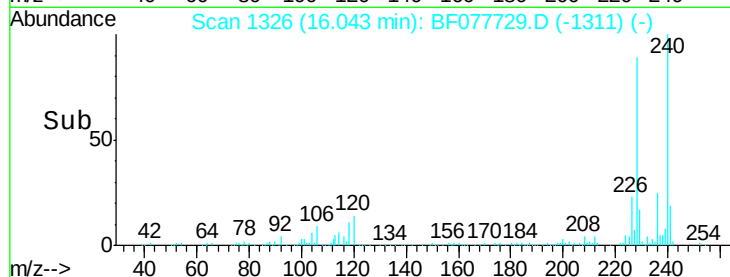
236 25.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.77 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

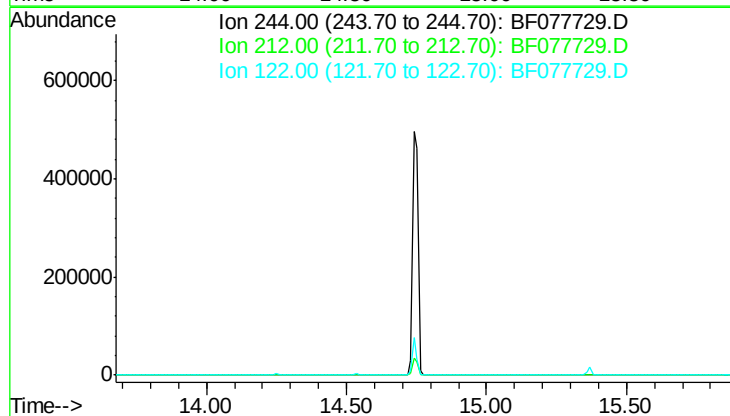
Tgt Ion: 244

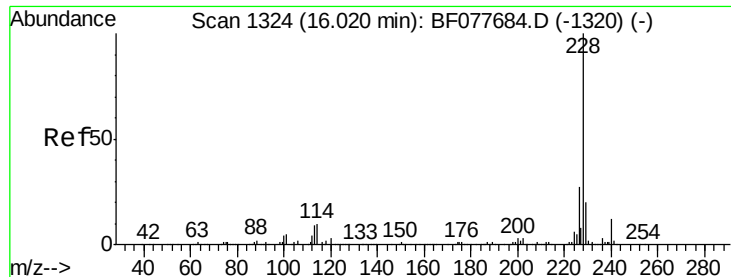
Sig Exp Ratio

244 100

212 6.1

122 7.8





#80

Benzo(a)anthracene

Concen: 35.62 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.13 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

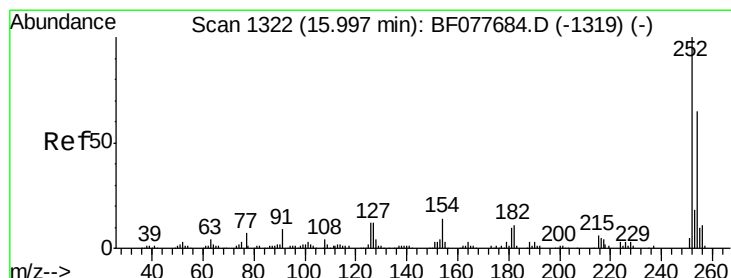
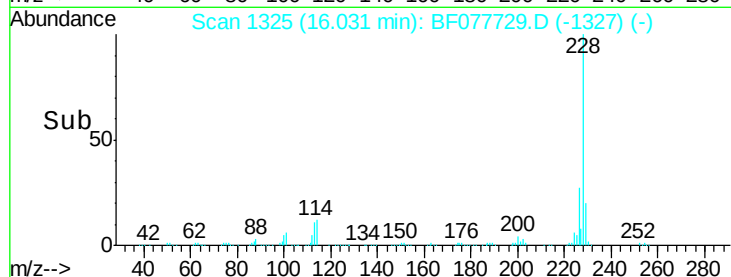
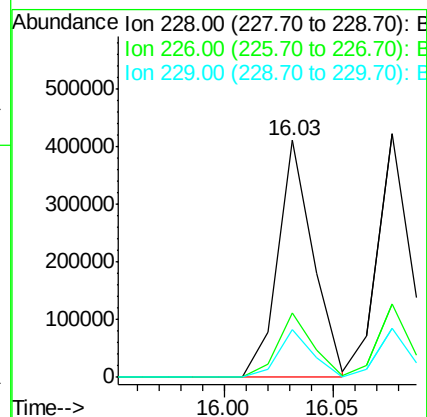
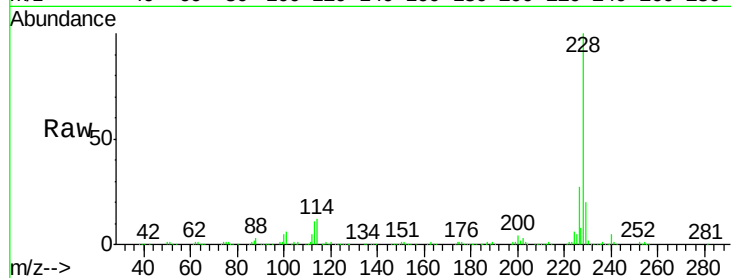
Tgt Ion:228 Resp: 465640

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.0 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 24.69 ng

RT: 16.01 min Scan# 1323

Delta R.T. -0.13 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

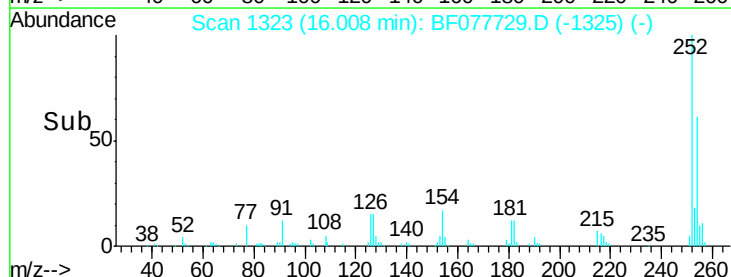
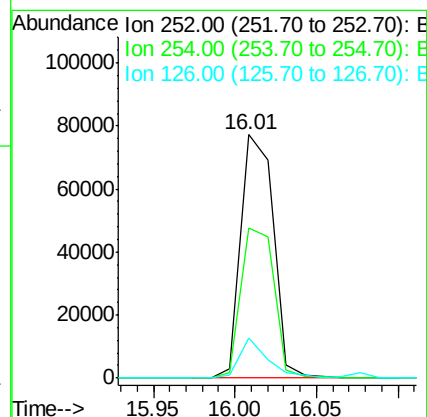
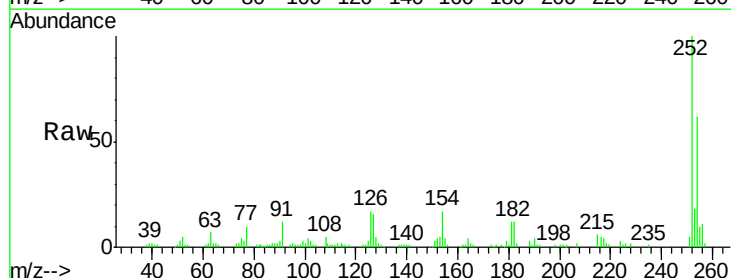
Tgt Ion:252 Resp: 106460

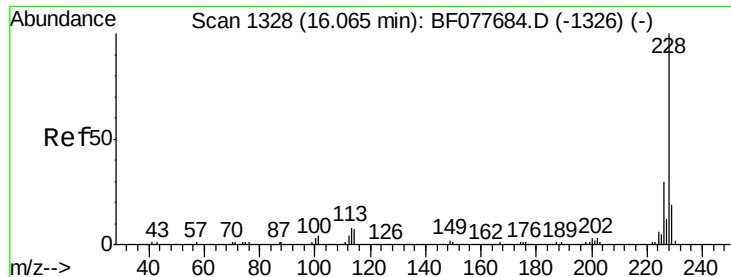
Ion Ratio Lower Upper

252 100

254 61.6 51.9 77.9

126 16.6 9.8 14.8#





#82

Chrysene

Concen: 37.19 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.13 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS

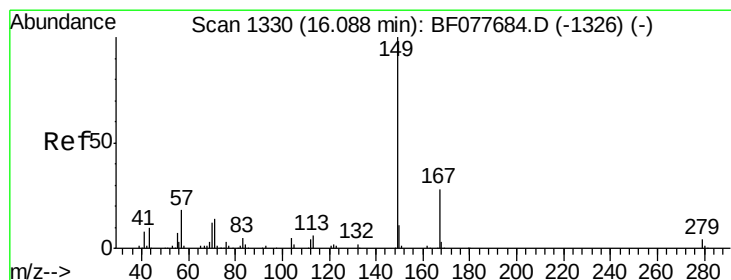
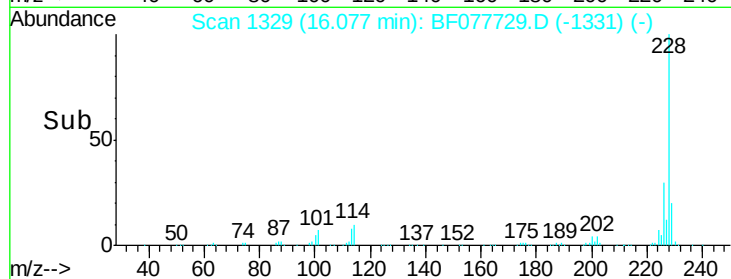
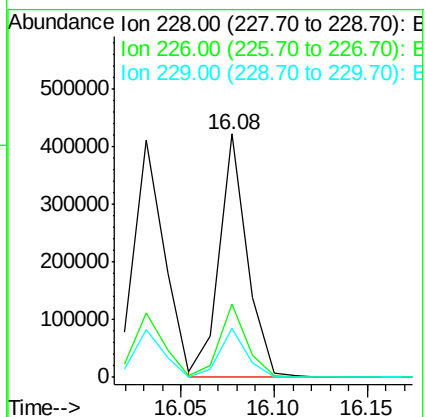
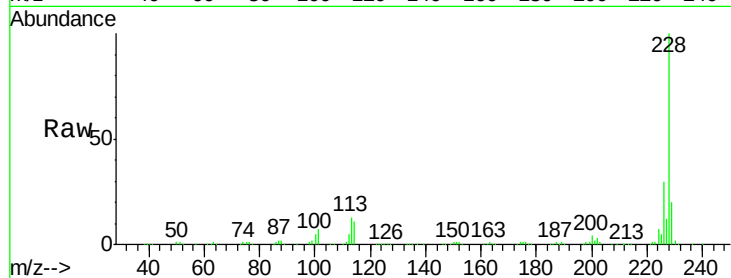
Tgt Ion:228 Resp: 437148

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.1 15.5 23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.84 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.14 min

Lab File: BF077729.D

Acq: 12 Mar 2015 16:32

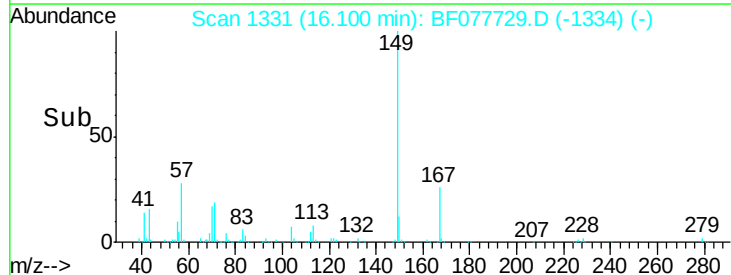
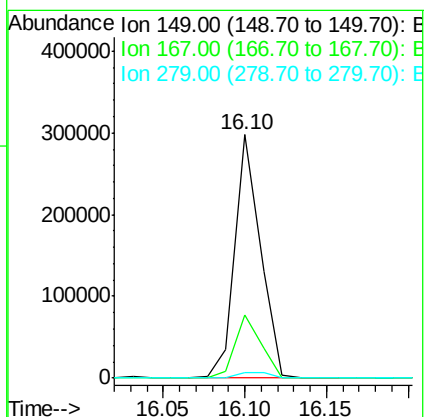
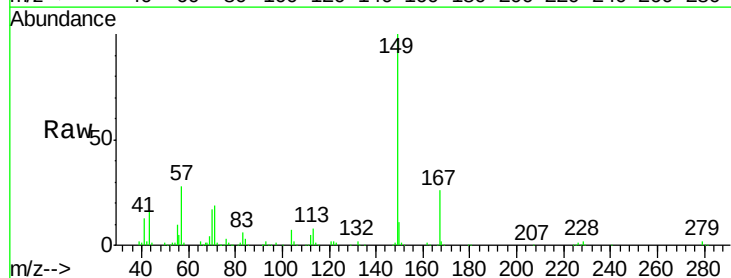
Tgt Ion:149 Resp: 321634

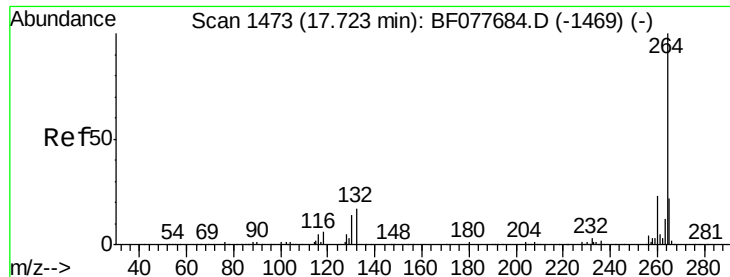
Ion Ratio Lower Upper

149 100

167 26.0 22.4 33.6

279 2.5 3.4 5.0#



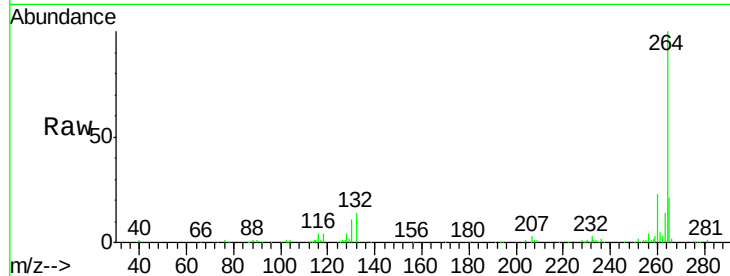


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.34 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

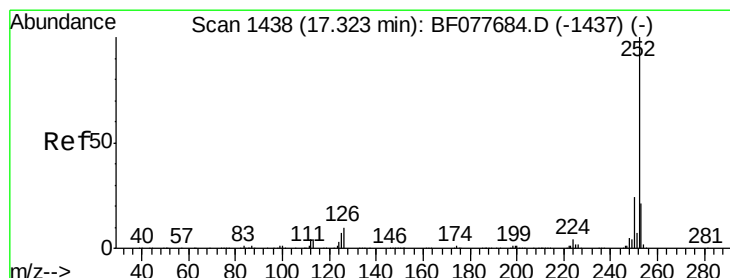
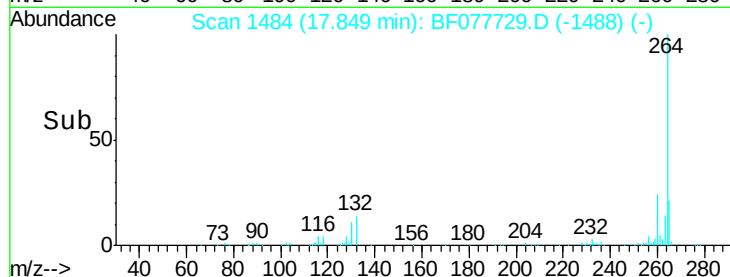
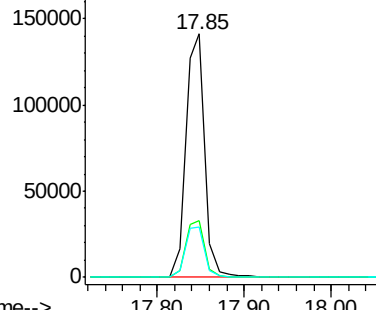
Instrument :
BNA_F
ClientSampleId :
PB82093BS

Tgt Ion: 264 Resp: 214996

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.7	17.3	25.9



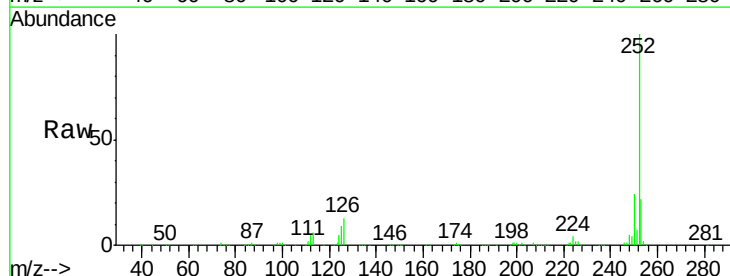
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



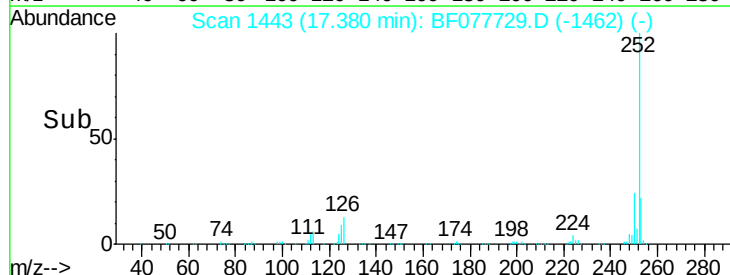
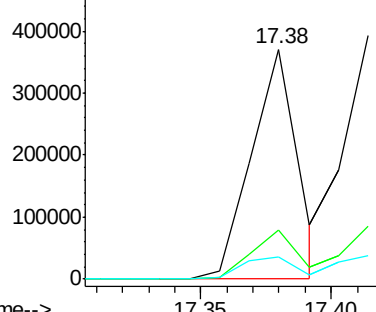
#88
Benzo(k)fluoranthene
Concen: 41.18 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.32 min
Lab File: BF077729.D
Acq: 12 Mar 2015 16:32

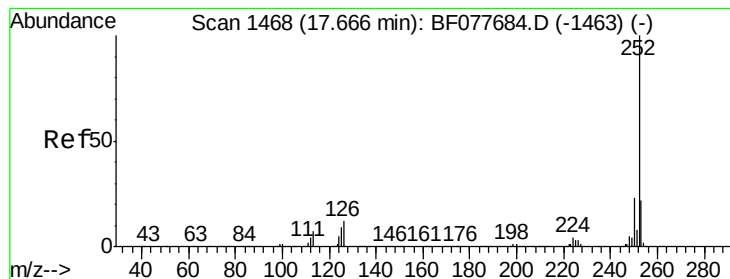
Tgt Ion: 252 Resp: 451462

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.4	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.63 ng

RT: 17.78 min Scan# 1478

Delta R.T. -0.33 min

Lab File: BF077729.D

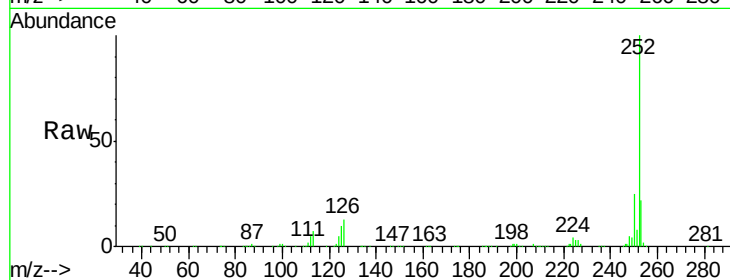
Acq: 12 Mar 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB82093BS



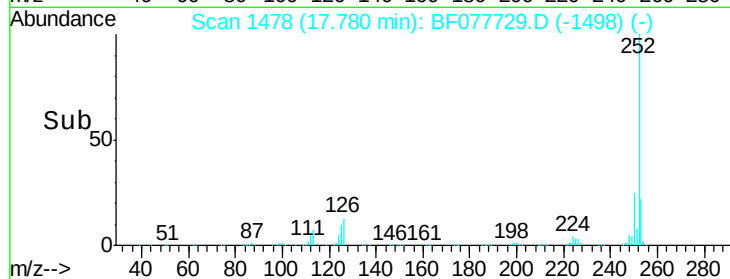
Tgt Ion:252 Resp: 440640

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.2 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

