

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077814.D
 Acq On : 19 Mar 2015 1:53
 Operator : TP/IZ
 Sample : PB82167BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Quant Time: Mar 19 03:42:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	35546	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	145787	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	70483	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	142071	20.00	ng	0.00
75) Chrysene-d12	16.02	240	162951	20.00	ng	-0.01
86) Perylene-d12	17.71	264	163194	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	276468	135.76	ng	0.01
7) Phenol-d6	6.73	99	359412	142.85	ng	0.00
23) Nitrobenzene-d5	7.85	82	191967	86.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	85737	127.14	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	435465	90.80	ng	0.00
78) Terphenyl-d14	14.74	244	526024	78.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	32030	34.64	ng	# 100
3) Pyridine	2.75	79	81270	32.71	ng	95
4) n-Nitrosodimethylamine	2.67	42	41506	38.37	ng	# 96
6) Aniline	6.75	93	53774	14.94	ng	# 70
8) 2-Chlorophenol	6.89	128	103786	42.82	ng	99
9) Benzaldehyde	6.60	77	6500	6.31	ng	91
10) Phenol	6.74	94	126930	42.68	ng	83
11) bis(2-Chloroethyl)ether	6.85	93	93849	42.13	ng	99
12) 1,3-Dichlorobenzene	7.08	146	107032	39.70	ng	99
13) 1,4-Dichlorobenzene	7.18	146	107630	38.42	ng	99
14) 1,2-Dichlorobenzene	7.37	146	101345	39.46	ng	98
15) Benzyl Alcohol	7.34	79	79800	40.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	117808	39.24	ng	99
17) 2-Methylphenol	7.49	107	83129	42.13	ng	98
18) Hexachloroethane	7.78	117	35811	38.98	ng	98
19) n-Nitroso-di-n-propylamine	7.68	70	66915	38.45	ng	99
20) 3+4-Methylphenols	7.69	107	105739	40.84	ng	98
22) Acetophenone	7.66	105	131528	40.75	ng	# 98
24) Nitrobenzene	7.87	77	97236	40.58	ng	99
25) Isophorone	8.18	82	175157	39.00	ng	100
26) 2-Nitrophenol	8.27	139	47057	40.12	ng	97
27) 2,4-Dimethylphenol	8.34	122	91373	42.76	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	109552	40.18	ng	98
29) 2,4-Dichlorophenol	8.57	162	87807	43.11	ng	100
30) 1,2,4-Trichlorobenzene	8.67	180	89092	39.09	ng	99
31) Naphthalene	8.76	128	295427	39.46	ng	100
32) Benzoic acid	8.45	122	33985	29.77	ng	95
33) 4-Chloroaniline	8.84	127	49819	16.39	ng	98
34) Hexachlorobutadiene	8.92	225	48580	37.61	ng	98
35) Caprolactam	9.26	113	26138	43.91	ng	# 77
36) 4-Chloro-3-methylphenol	9.45	107	88276	43.07	ng	87
37) 2-Methylnaphthalene	9.62	142	200723	39.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	85210	40.53	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	82189	78.17	ng	98

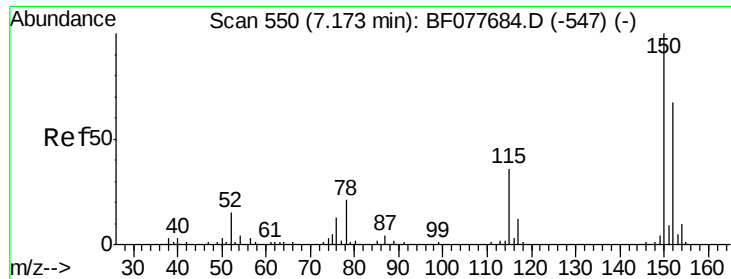
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077814.D
 Acq On : 19 Mar 2015 1:53
 Operator : TP/IZ
 Sample : PB82167BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Quant Time: Mar 19 03:42:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	59734	41.02	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	64557	41.03	ng #	89
45) 1,1'-Biphenyl	10.20	154	243376	43.20	ng	99
46) 2-Chloronaphthalene	10.23	162	191579	41.84	ng	98
47) 2-Nitroaniline	10.35	65	50679	44.57	ng	90
48) Acenaphthylene	10.73	152	299472	39.33	ng	99
49) Dimethylphthalate	10.59	163	217441	41.59	ng	99
50) 2,6-Dinitrotoluene	10.66	165	46826	43.21	ng #	86
51) Acenaphthene	10.95	154	180029	41.24	ng	100
52) 3-Nitroaniline	10.87	138	33135	26.33	ng	89
53) 2,4-Dinitrophenol	11.00	184	33853	84.53	ng #	71
54) Dibenzofuran	11.16	168	277534	42.86	ng	97
55) 4-Nitrophenol	11.08	139	78830	84.56	ng #	73
56) 2,4-Dinitrotoluene	11.16	165	66990	47.41	ng #	72
57) Fluorene	11.59	166	226841	42.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	53265	43.97	ng #	100
59) Diethylphthalate	11.47	149	218305	42.86	ng	99
60) 4-Chlorophenyl-phenylether	11.60	204	100743	41.06	ng	95
61) 4-Nitroaniline	11.62	138	55288	44.08	ng	86
62) Azobenzene	11.79	77	207172	42.56	ng	96
64) 4,6-Dinitro-2-methylphenol	11.65	198	23740	36.52	ng	81
65) n-Nitrosodiphenylamine	11.75	169	196829	41.61	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	61074	40.28	ng	94
67) Hexachlorobenzene	12.26	284	67710	40.64	ng	97
68) Atrazine	12.42	200	59554	44.92	ng	96
69) Pentachlorophenol	12.51	266	70583	80.86	ng	99
70) Phenanthrene	12.77	178	344605	42.25	ng	99
71) Anthracene	12.83	178	345303	42.85	ng	99
72) Carbazole	13.05	167	346437	45.20	ng	99
73) Di-n-butylphthalate	13.51	149	336630	39.17	ng	98
74) Fluoranthene	14.25	202	383279	42.61	ng	98
76) Benzidine	14.43	184	117178	28.94	ng	97
77) Pyrene	14.52	202	396274	38.67	ng	99
79) Butylbenzylphthalate	15.36	149	152263	37.69	ng #	80
80) Benzo(a)anthracene	16.01	228	390956	40.47	ng	100
81) 3,3'-Dichlorobenzidine	16.00	252	59171	18.57	ng	98
82) Chrysene	16.05	228	387399	44.60	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	223465	36.52	ng #	96
84) Di-n-octyl phthalate	16.85	149	385323	36.82	ng	100
85) Indeno(1,2,3-cd)pyrene	19.09	276	427057	39.39	ng #	100
87) Benzo(b)fluoranthene	17.28	252	454480	42.66	ng	99
88) Benzo(k)fluoranthene	17.28	252	454480	54.61	ng	97
89) Benzo(a)pyrene	17.64	252	376315	42.33	ng #	96
90) Dibenzo(a,h)anthracene	19.12	278	356012	40.38	ng #	97
91) Benzo(g,h,i)perylene	19.51	276	368914	41.10	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

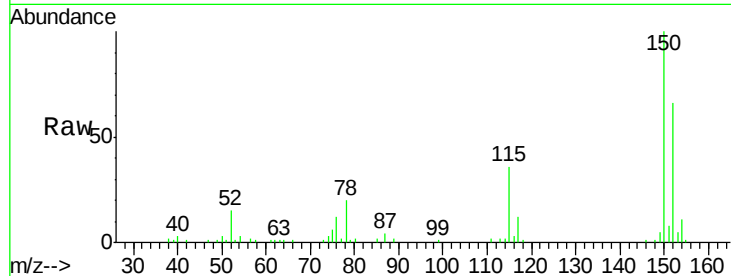
Tgt Ion:152 Resp: 35546

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

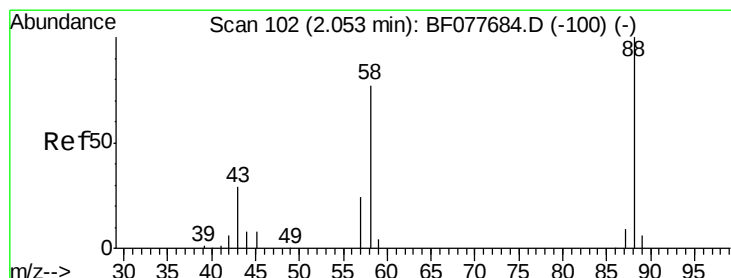
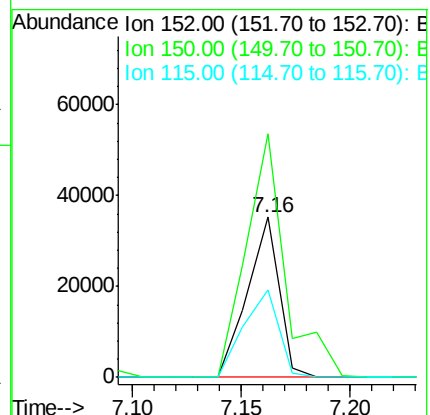
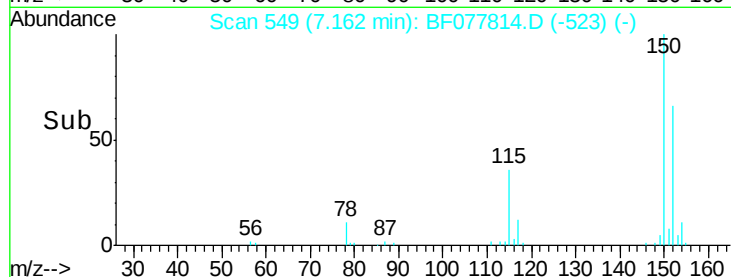
115 54.8 43.0 64.4



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



#2

1,4-Dioxane

Concen: 34.64 ng

RT: 2.05 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

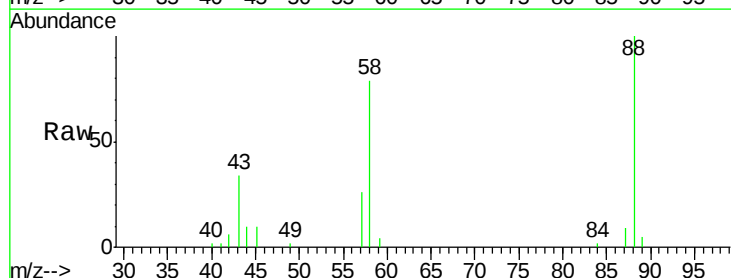
Tgt Ion: 88 Resp: 32030

Ion Ratio Lower Upper

88 100

58 75.0 0.0 0.0#

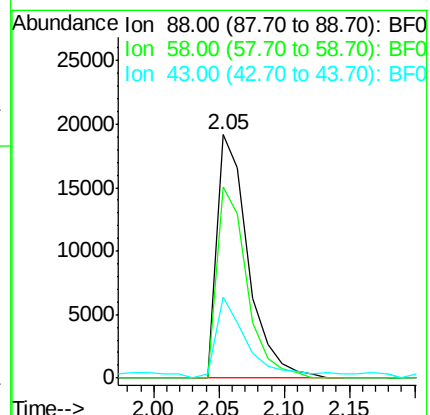
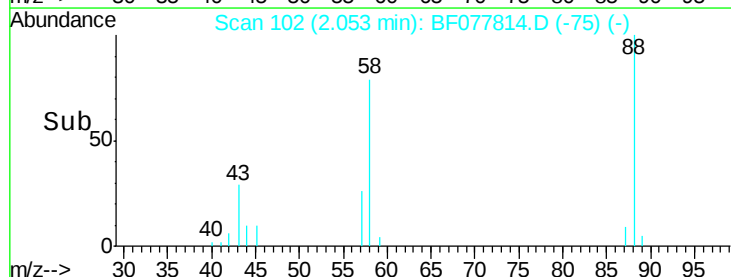
43 35.0 0.0 0.0#

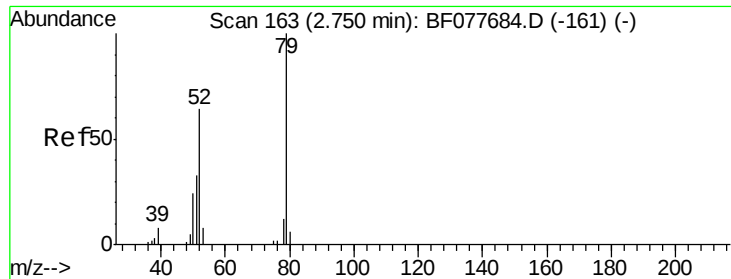


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.71 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

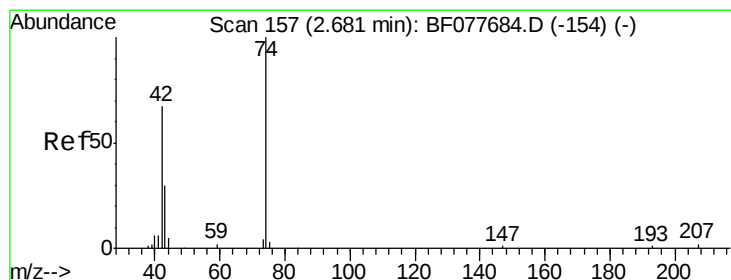
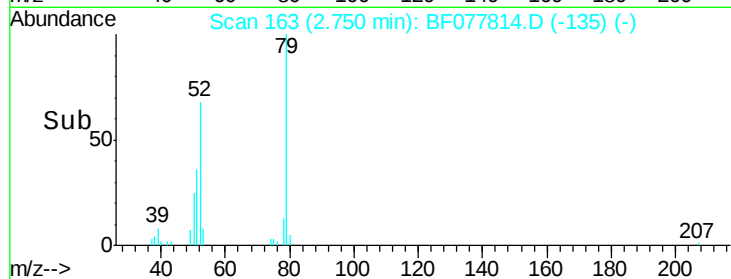
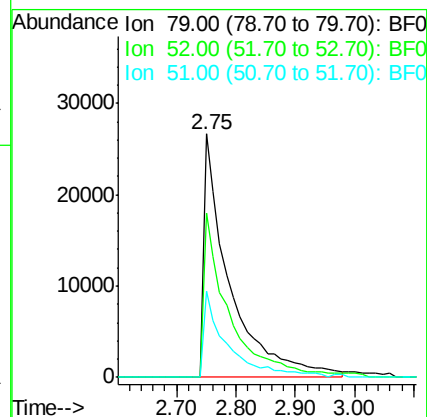
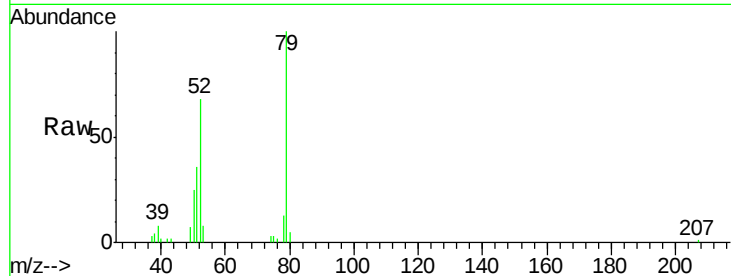
Tgt Ion: 79 Resp: 81270

Ion Ratio Lower Upper

79 100

52 67.7 51.1 76.7

51 35.6 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.37 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

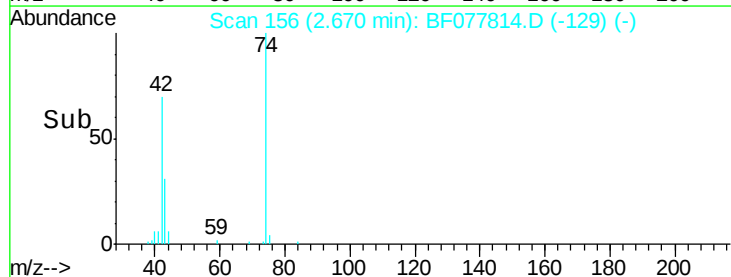
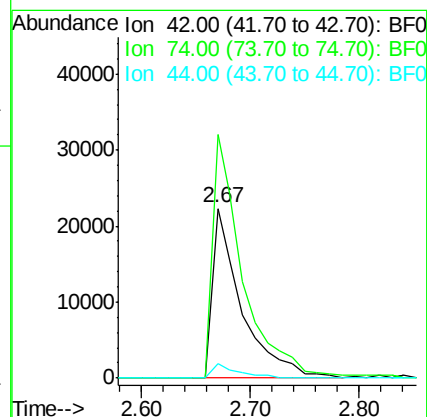
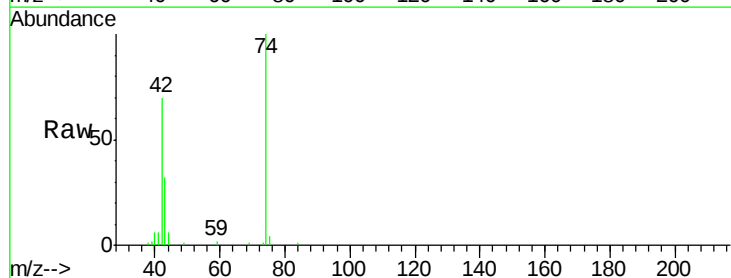
Tgt Ion: 42 Resp: 41506

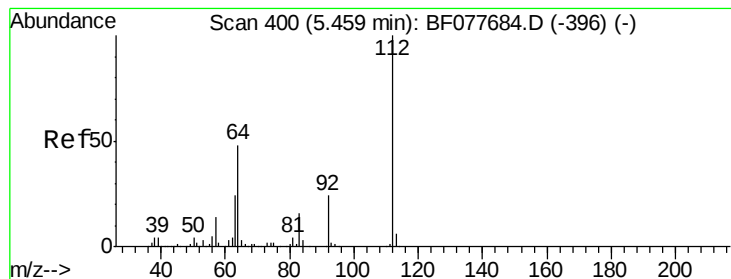
Ion Ratio Lower Upper

42 100

74 143.6 119.3 178.9

44 8.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 135.76 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

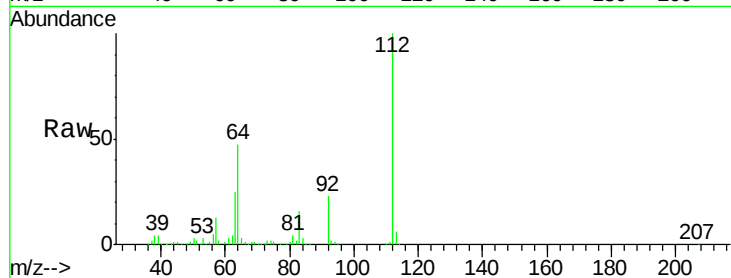
Tgt Ion: 112 Resp: 276468

Ion Ratio Lower Upper

112 100

64 47.1 38.6 57.8

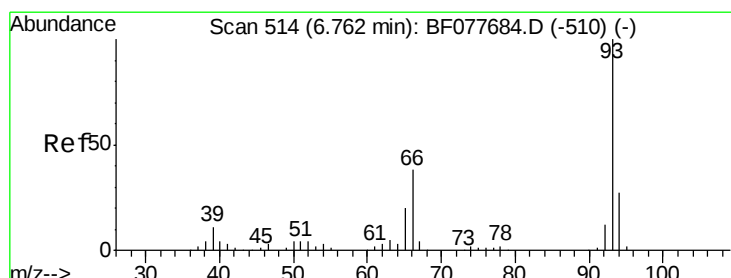
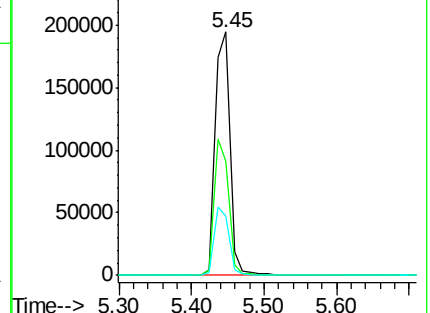
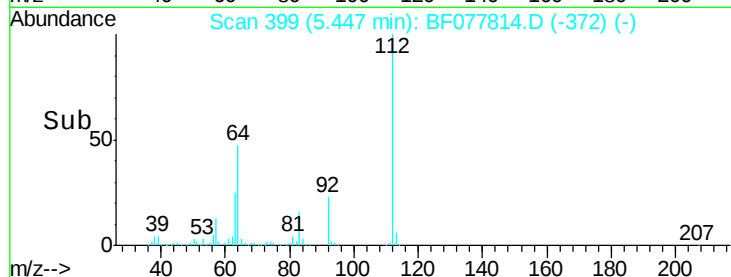
63 24.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.94 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

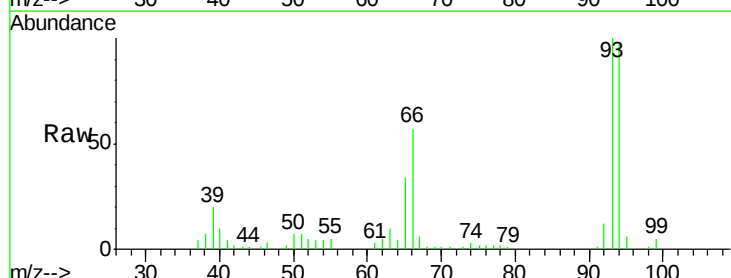
Tgt Ion: 93 Resp: 53774

Ion Ratio Lower Upper

93 100

66 56.8 30.8 46.2#

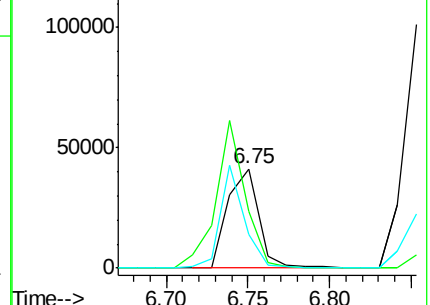
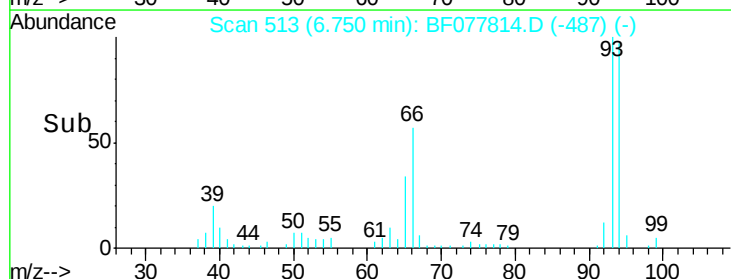
65 34.1 16.0 24.0#

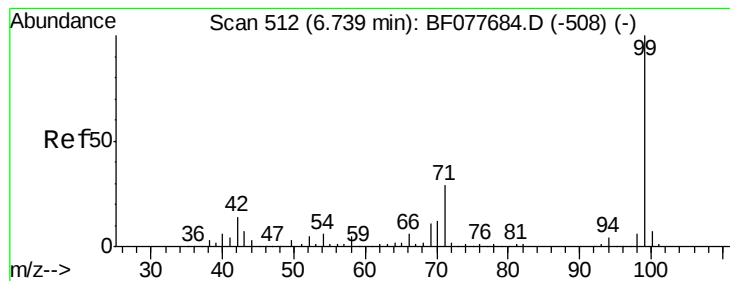


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.85 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

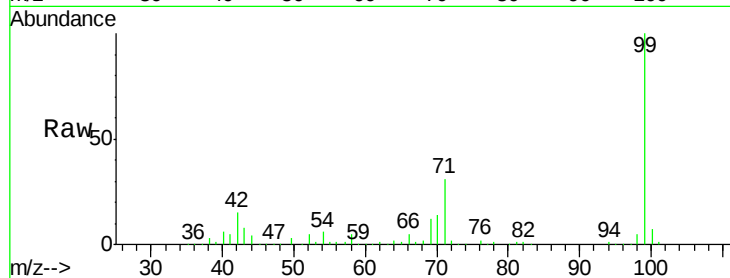
Tgt Ion: 99 Resp: 359412

Ion Ratio Lower Upper

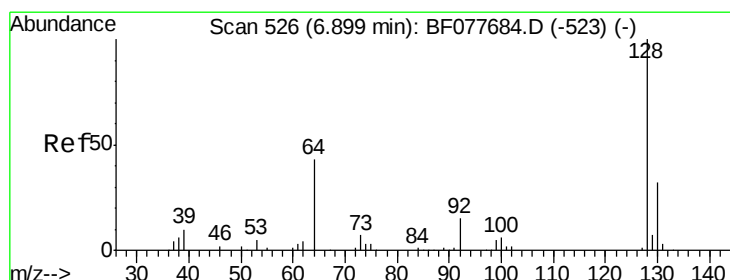
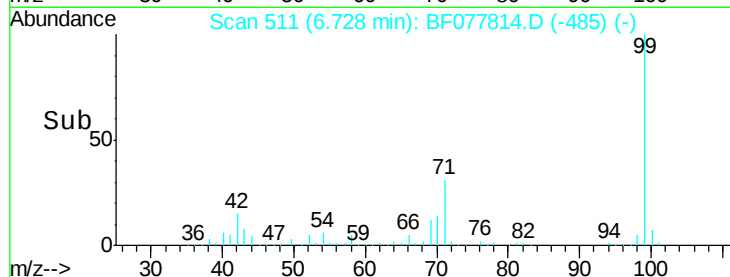
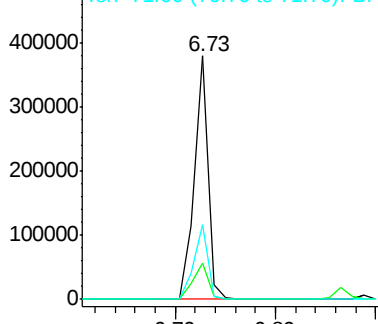
99 100

42 15.1 11.0 16.4

71 30.7 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: 42.82 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

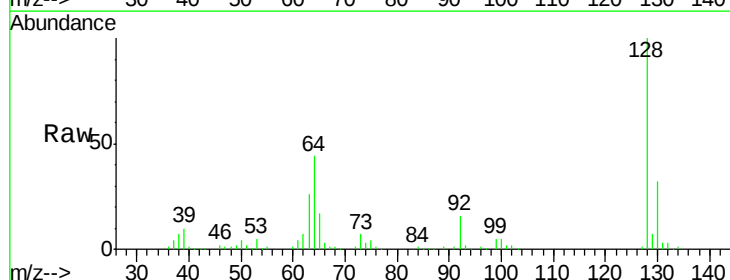
Tgt Ion: 128 Resp: 103786

Ion Ratio Lower Upper

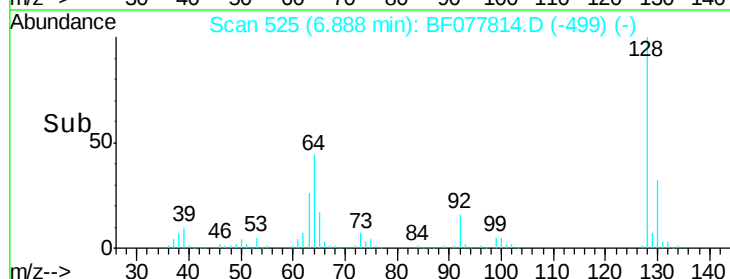
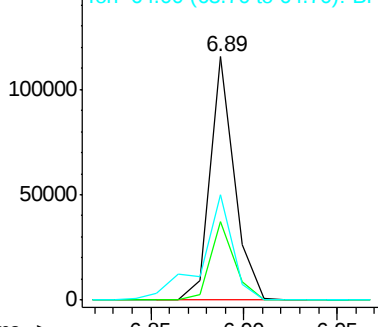
128 100

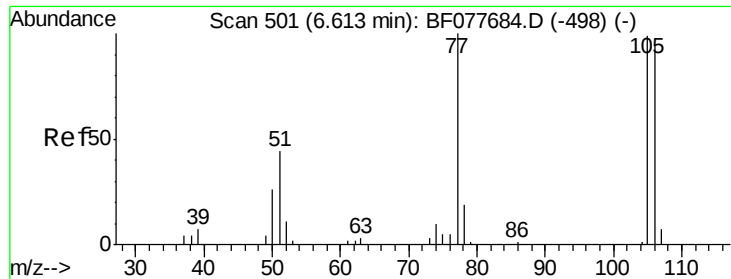
130 32.0 12.0 52.0

64 43.5 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: 6.31 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

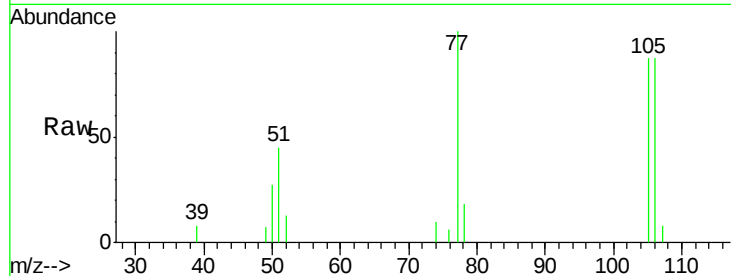
Tgt Ion: 77 Resp: 6500

Ion Ratio Lower Upper

77 100

105 87.3 78.8 118.8

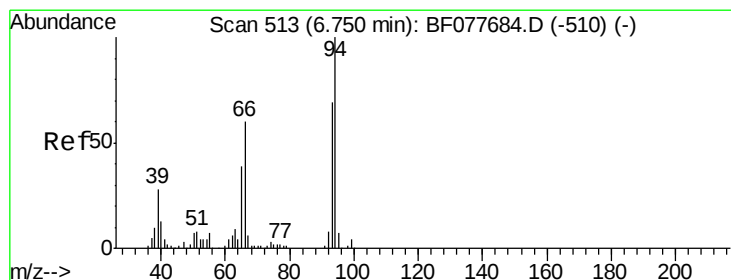
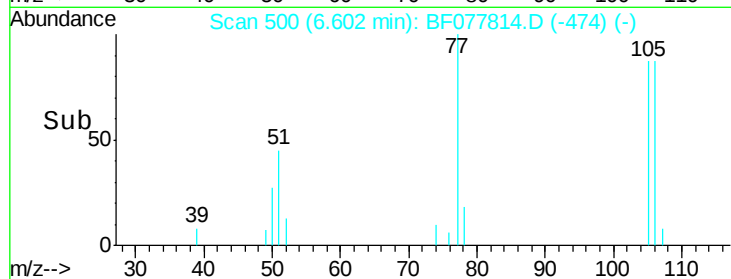
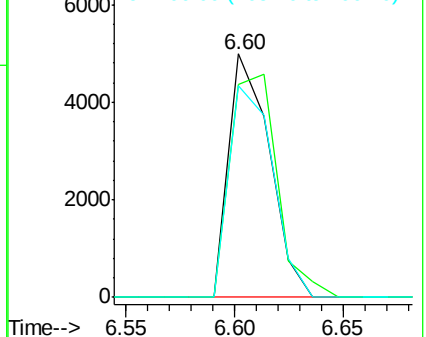
106 87.0 73.7 113.7



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: 42.68 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

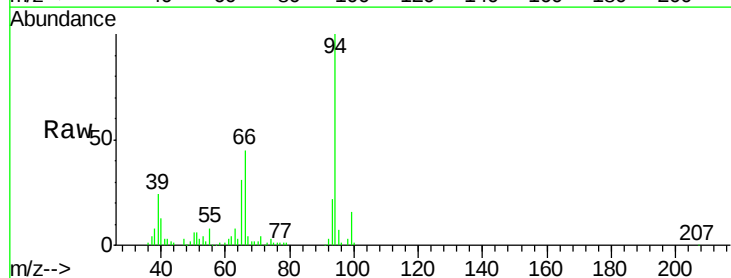
Tgt Ion: 94 Resp: 126930

Ion Ratio Lower Upper

94 100

65 31.1 18.8 58.8

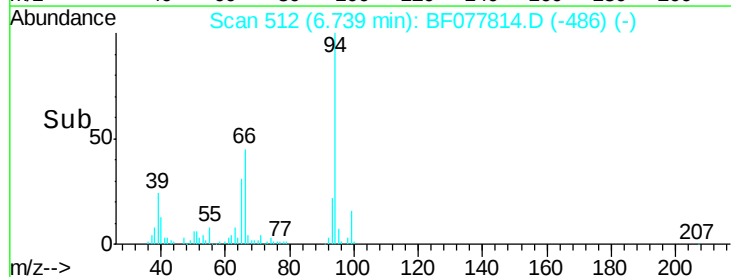
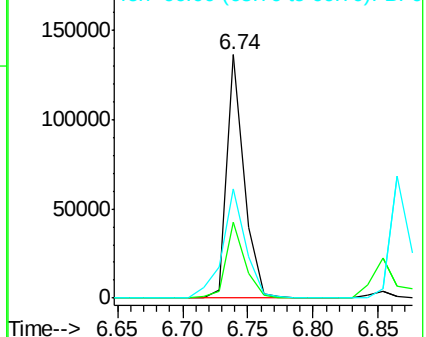
66 44.8 39.9 79.9

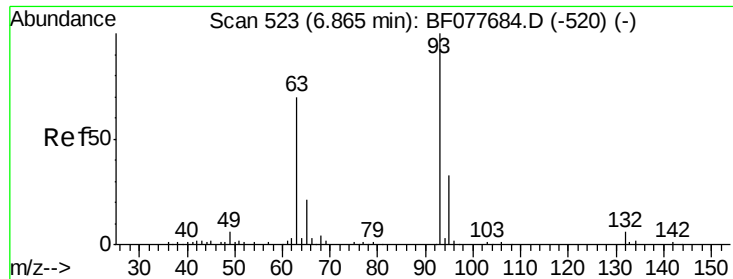


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.13 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

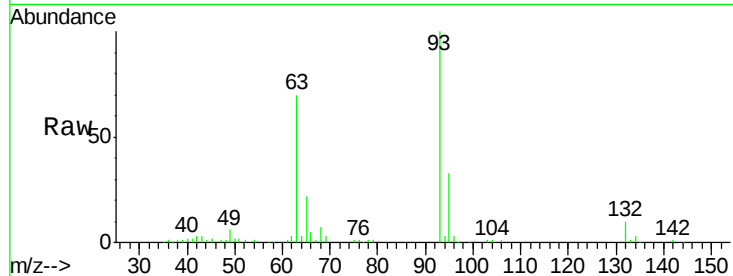
Tgt Ion: 93 Resp: 93849

Ion Ratio Lower Upper

93 100

63 70.4 49.5 89.5

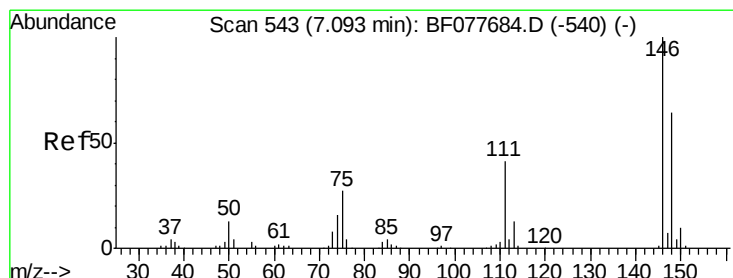
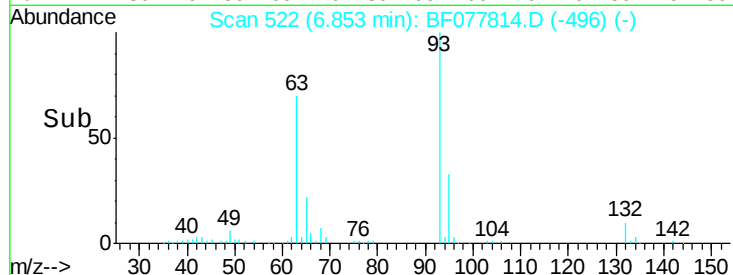
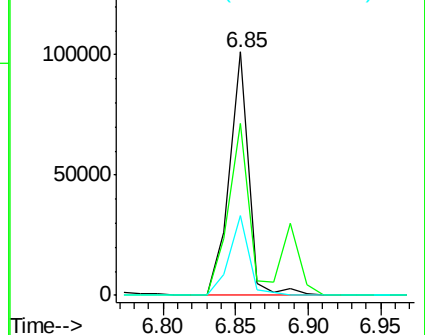
95 32.6 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.70 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

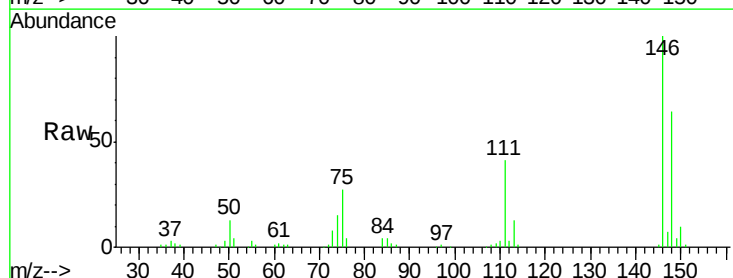
Tgt Ion: 146 Resp: 107032

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

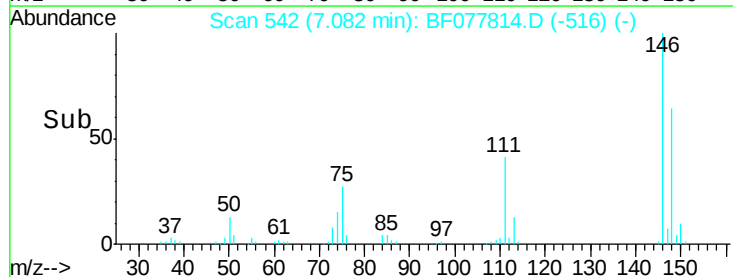
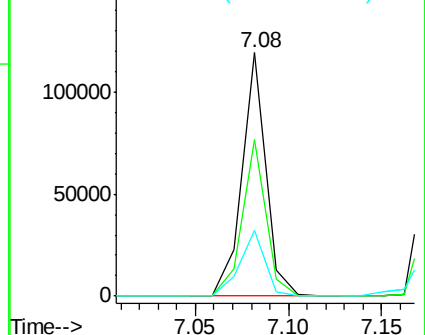
75 27.2 21.4 32.2

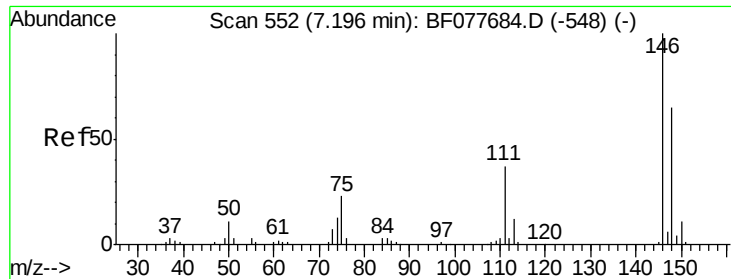


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

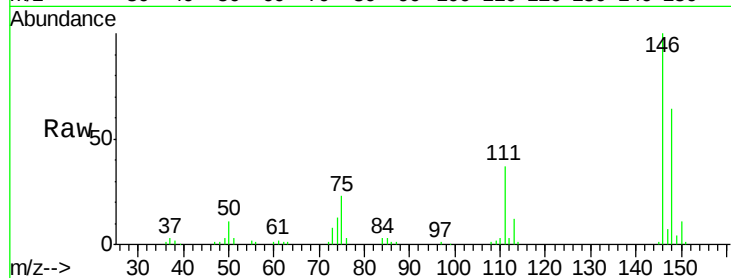




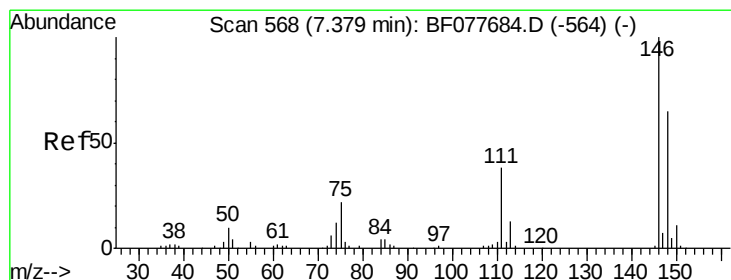
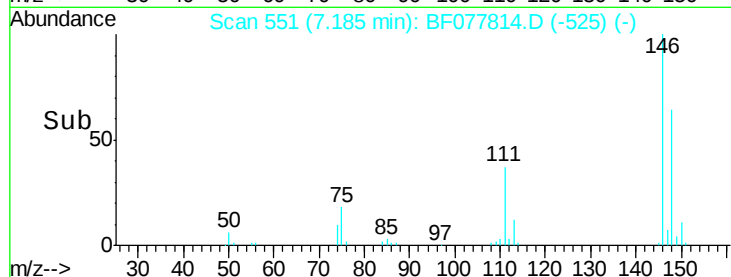
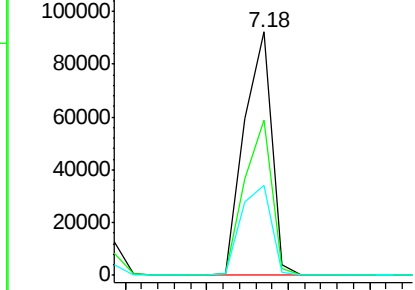
#13
 1,4-Dichlorobenzene
 Concen: 38.42 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:146 Resp: 107630
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 36.9 29.2 43.8

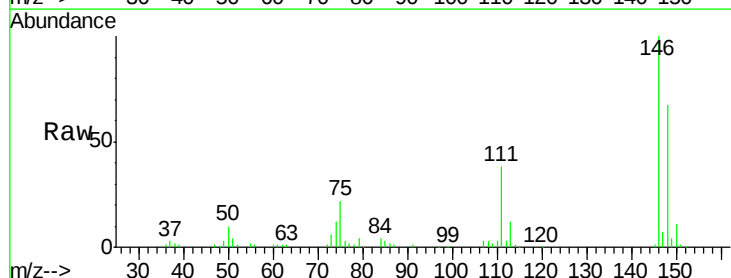


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

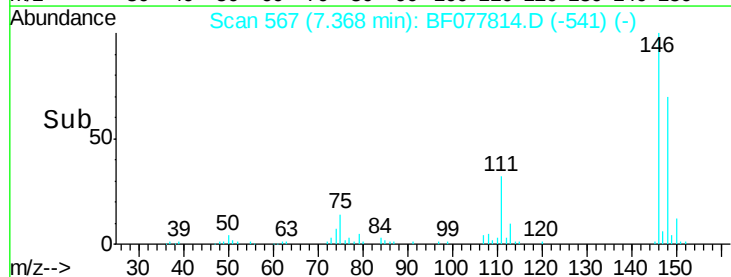
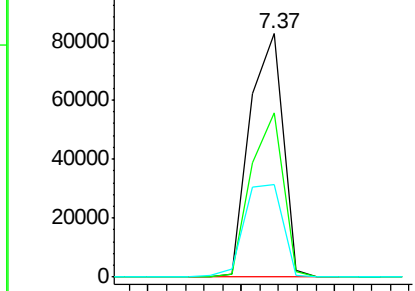


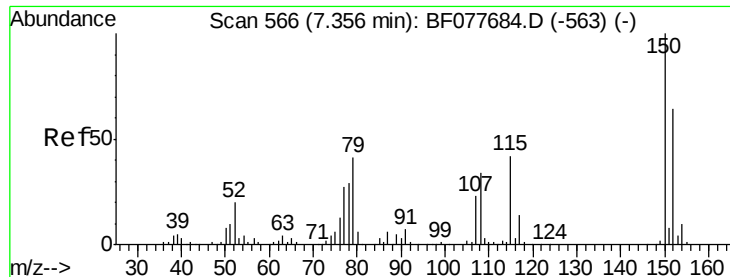
#14
 1,2-Dichlorobenzene
 Concen: 39.46 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:146 Resp: 101345
 Ion Ratio Lower Upper
 146 100
 148 67.3 52.3 78.5
 111 38.2 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

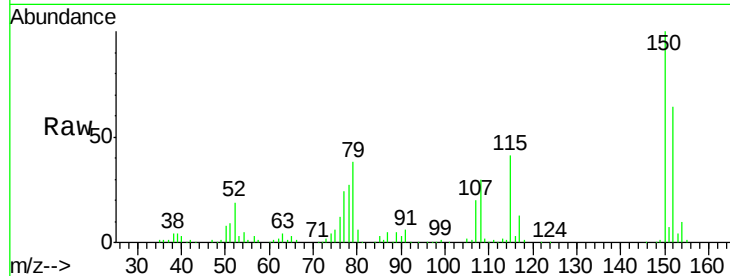




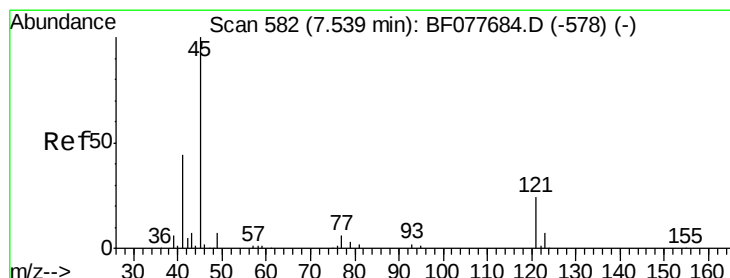
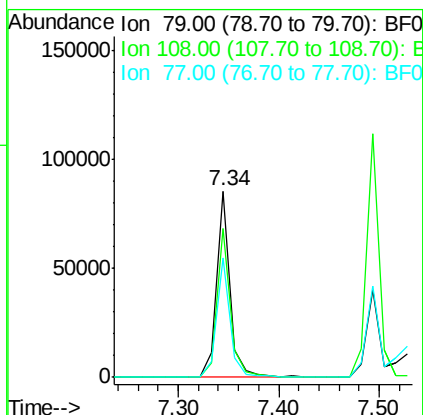
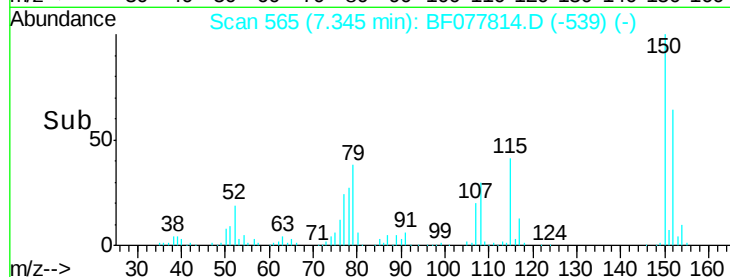
#15
Benzyl Alcohol
Concen: 40.63 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion: 79 Resp: 79800
Ion Ratio Lower Upper
79 100
108 80.2 65.0 97.4
77 64.3 53.0 79.6

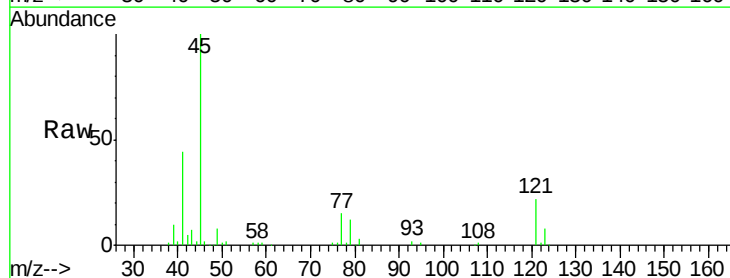


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

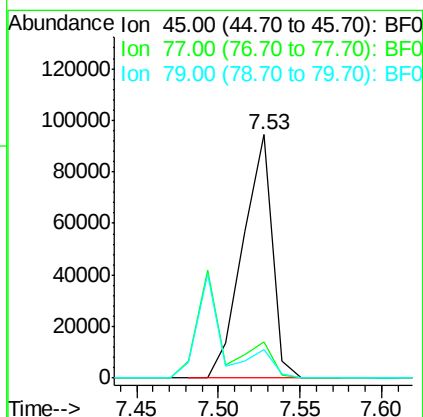
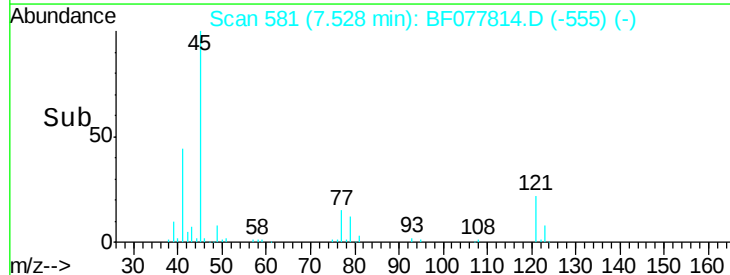


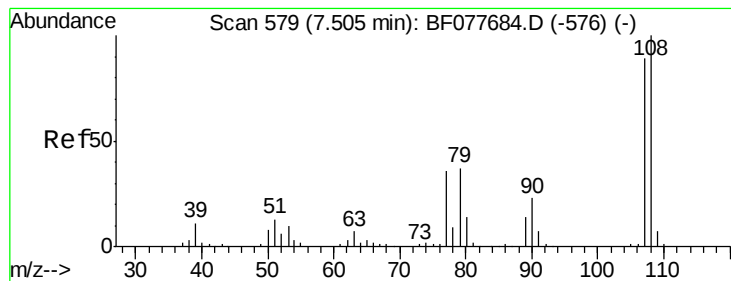
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.24 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion: 45 Resp: 117808
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.2
79 11.7 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: 42.13 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

Tgt Ion:107 Resp: 83129

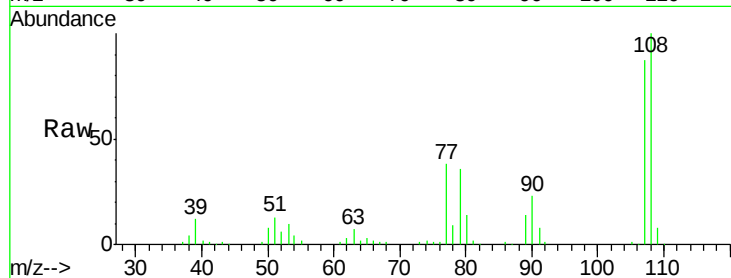
Ion Ratio Lower Upper

107 100

108 114.9 89.8 134.8

77 43.1 32.6 48.8

79 41.4 32.8 49.2

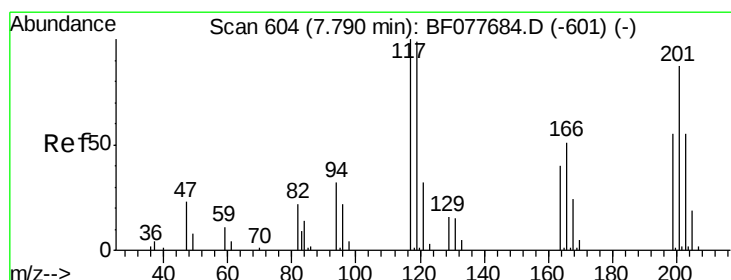
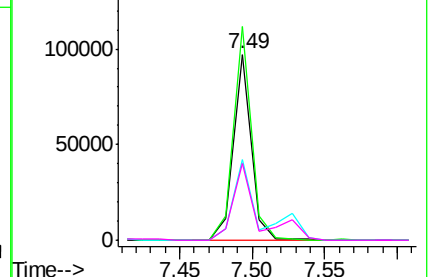
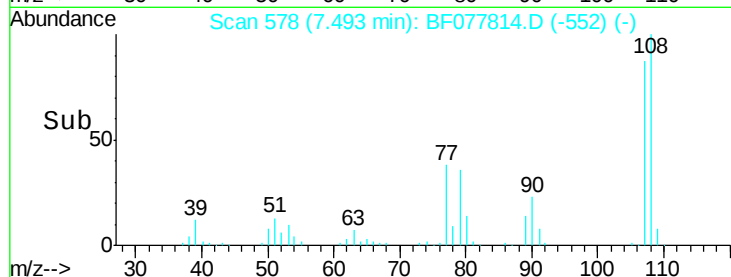


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.98 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

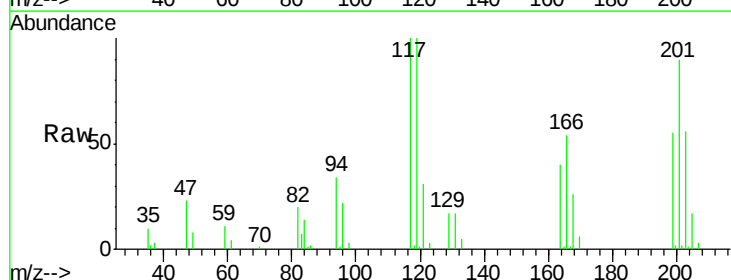
Tgt Ion:117 Resp: 35811

Ion Ratio Lower Upper

117 100

119 99.7 79.2 118.8

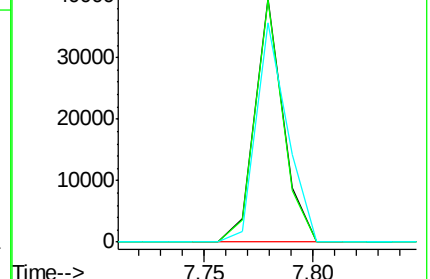
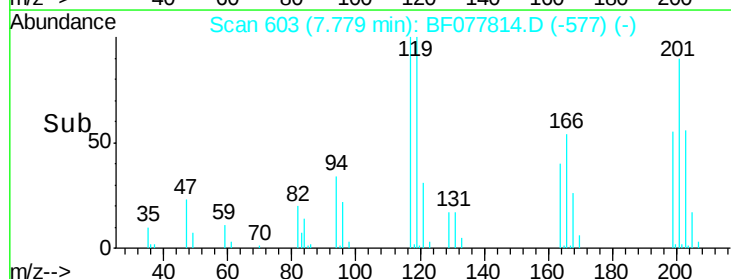
201 90.1 69.8 104.6

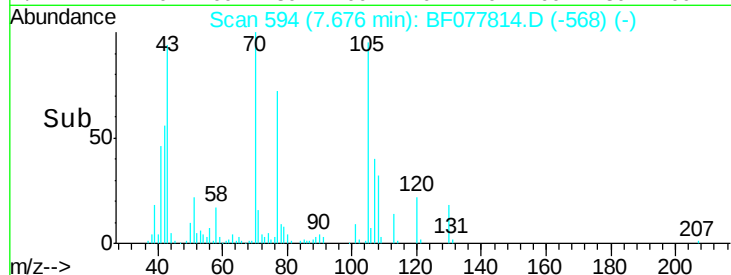
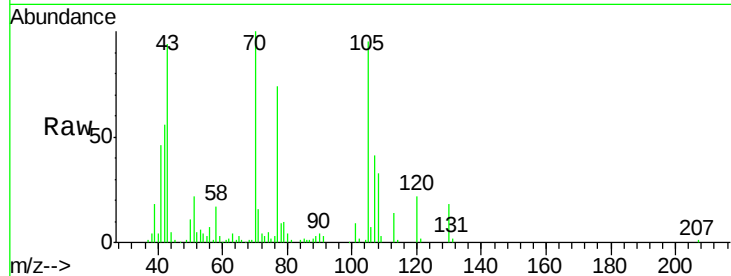
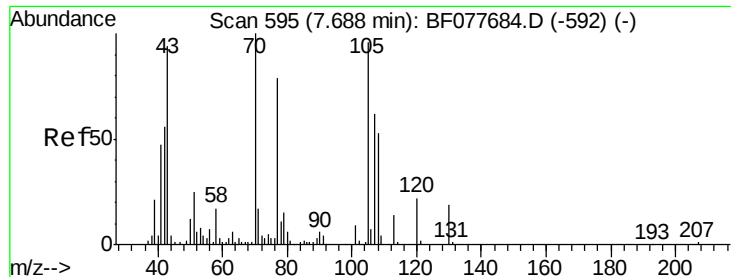


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

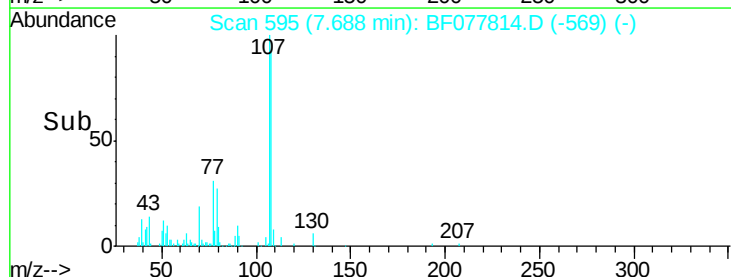
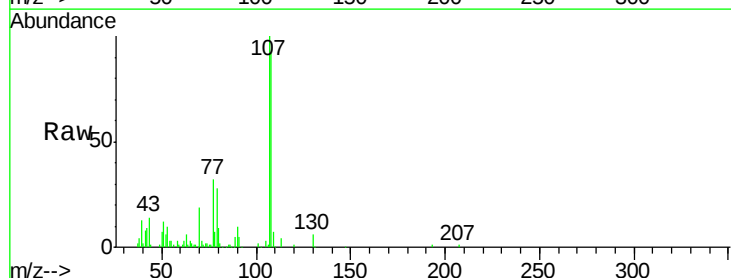
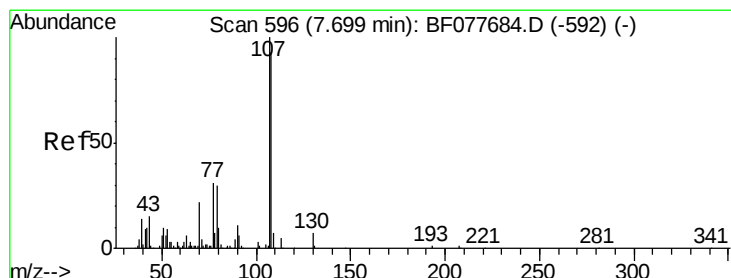
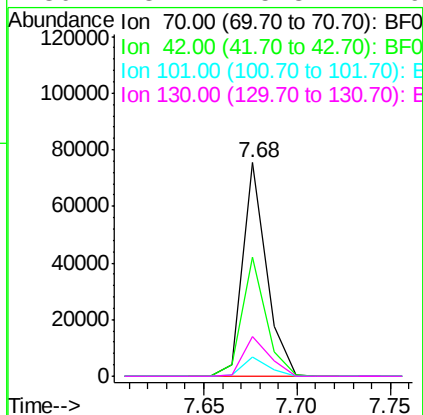




#19
n-Nitroso-di-n-propylamine
Concen: 38.45 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

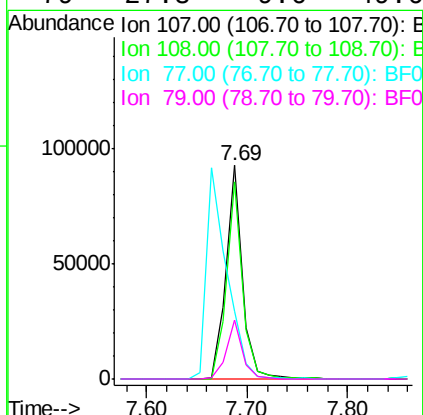
Instrument :
BNA_F
ClientSampleId :
PB82167BS

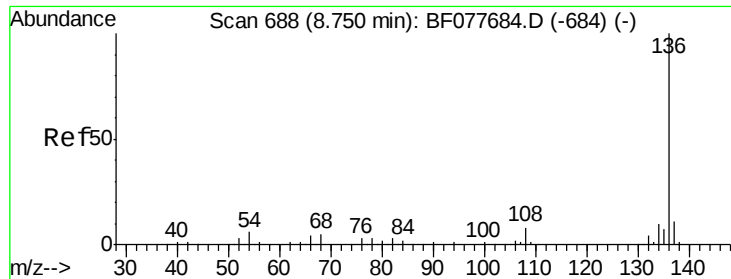
Tgt Ion:	70	Resp:	66915
Ion	Ratio	Lower	Upper
70	100		
42	55.8	44.5	66.7
101	9.2	7.4	11.2
130	18.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 40.84 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:	107	Resp:	105739
Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.2	113.2
77	32.0	10.7	50.7
79	27.8	9.6	49.6

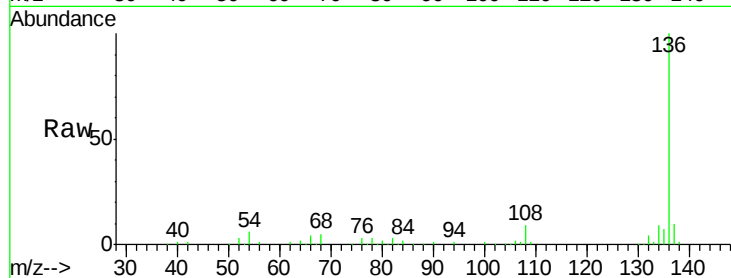




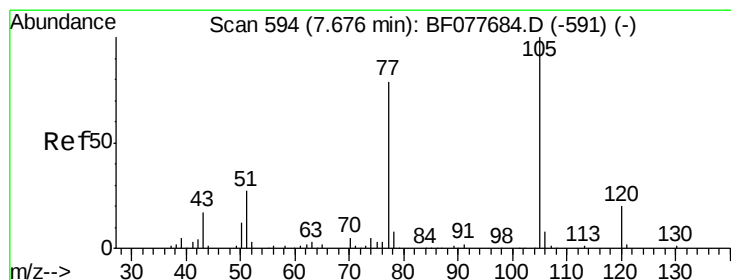
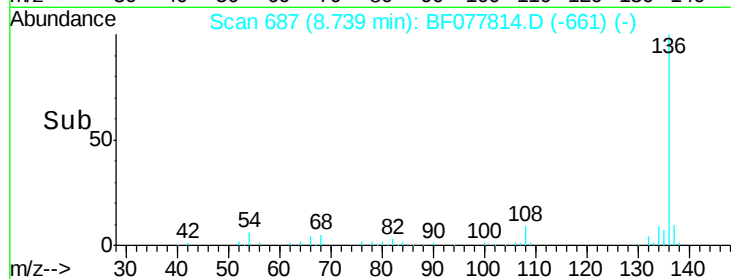
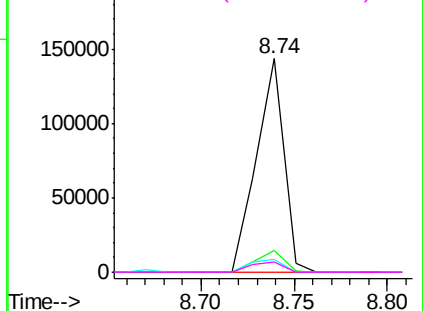
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:	136	Resp:	145787
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.7	4.6	6.8
68	4.6	3.7	5.5

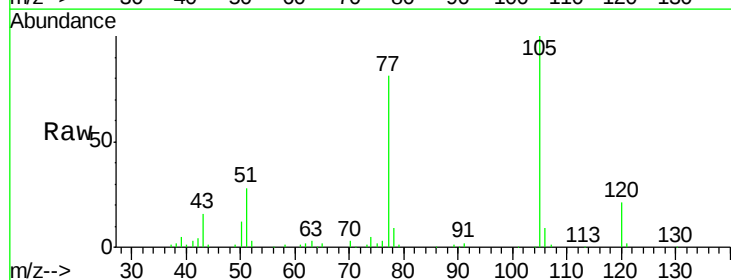


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

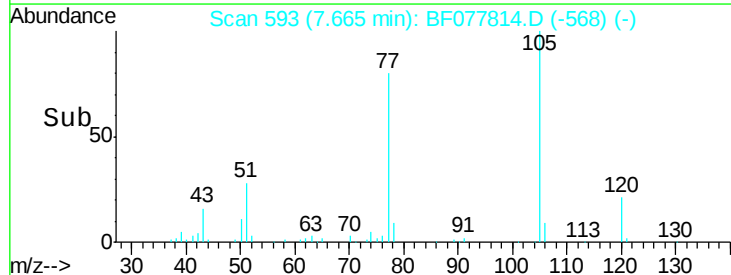
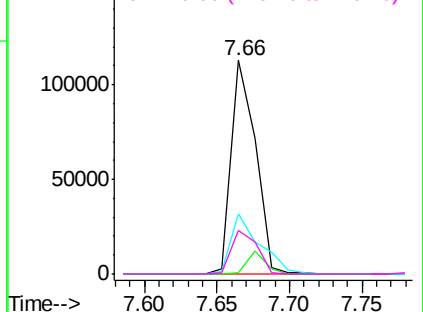


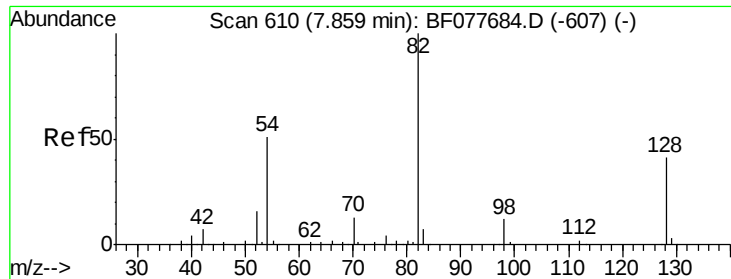
#22
Acetophenone
Concen: 40.75 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:	105	Resp:	131528
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	28.1	21.6	32.4
120	20.6	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

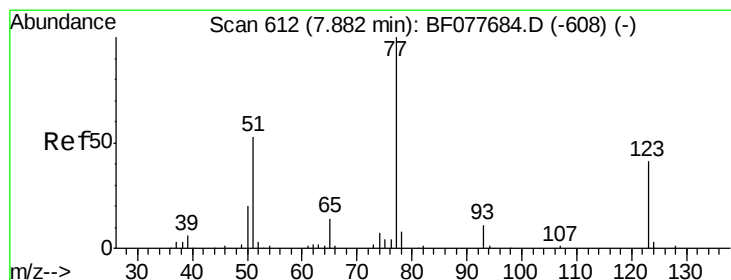
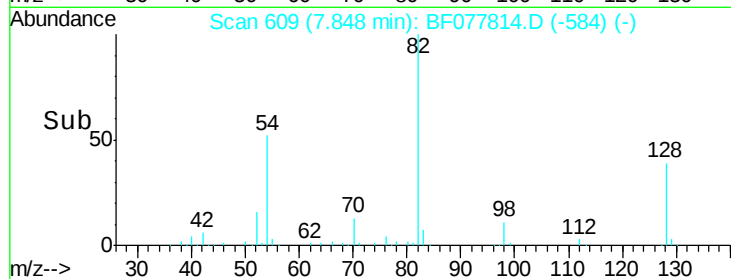
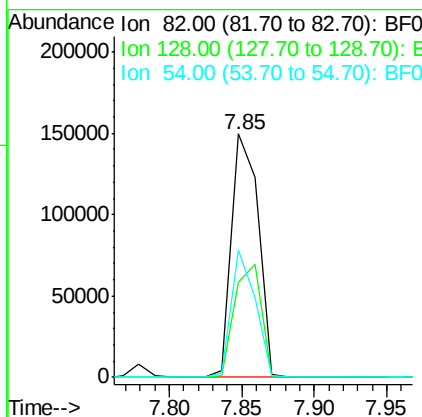
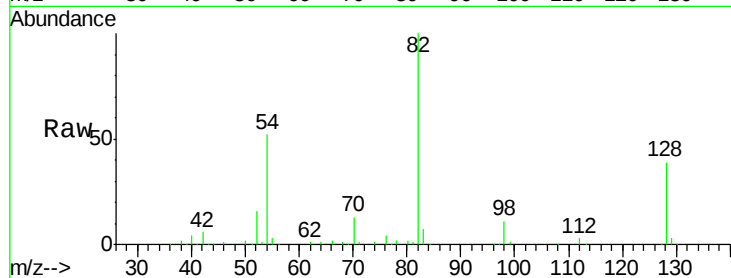




#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

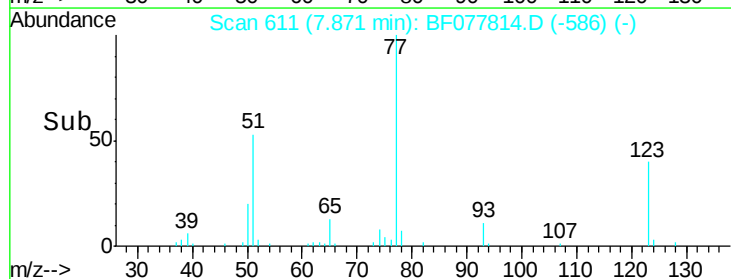
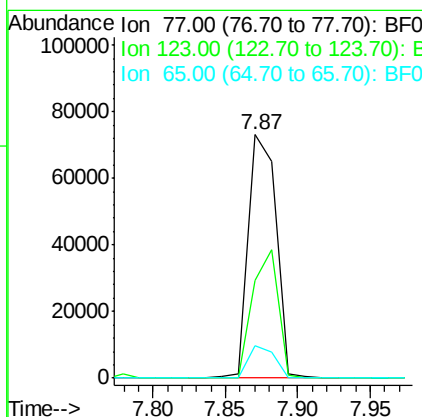
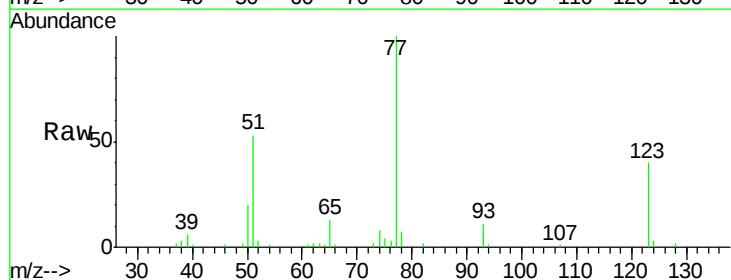
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

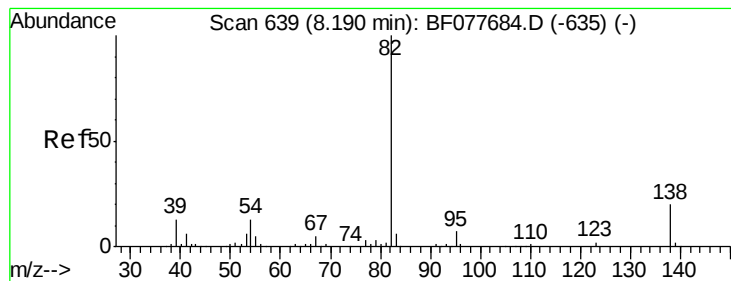
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.8	49.2
54	52.0	40.6	60.8



#24
 Nitrobenzene
 Concen: 40.58 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.6	49.0
65	13.1	10.9	16.3





#25

Isophorone

Concen: 39.00 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

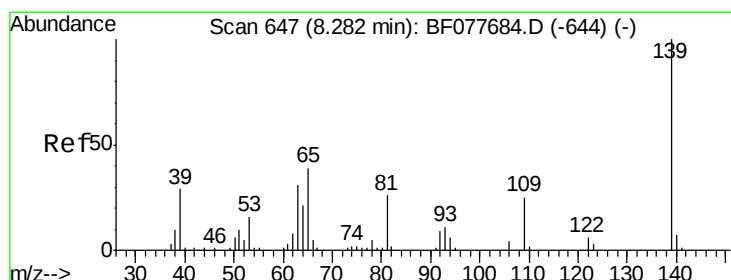
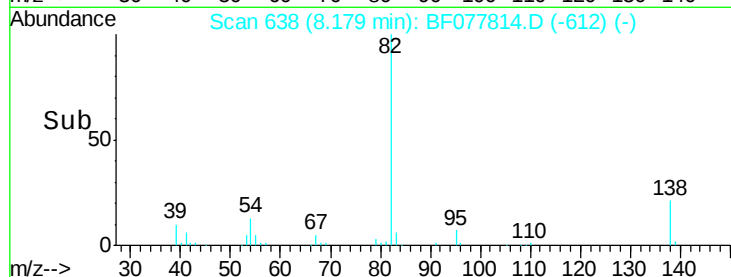
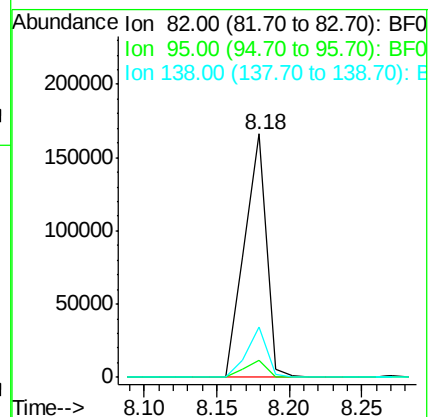
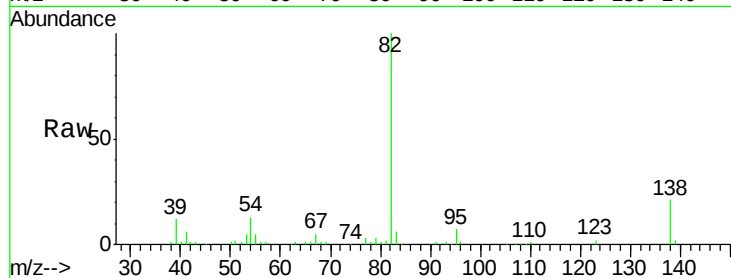
Tgt Ion: 82 Resp: 175157

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 20.6 16.3 24.5



#26

2-Nitrophenol

Concen: 40.12 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

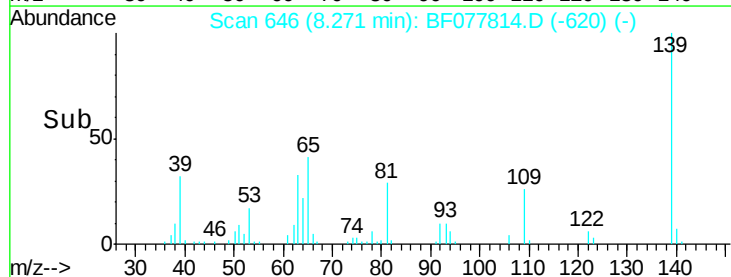
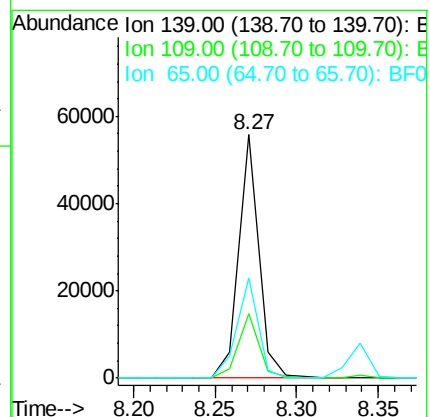
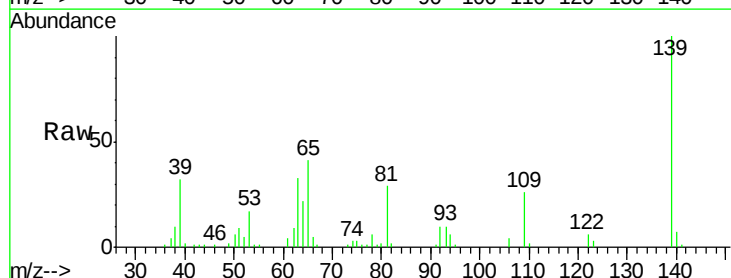
Tgt Ion: 139 Resp: 47057

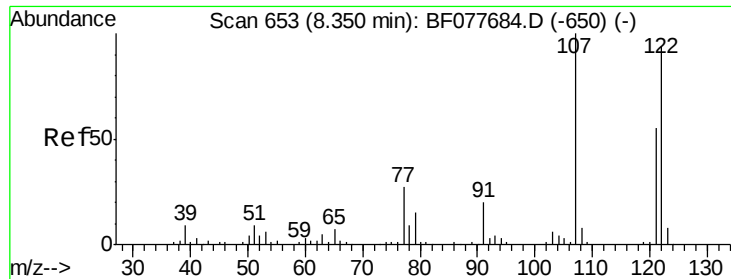
Ion Ratio Lower Upper

139 100

109 26.3 20.1 30.1

65 41.3 31.5 47.3

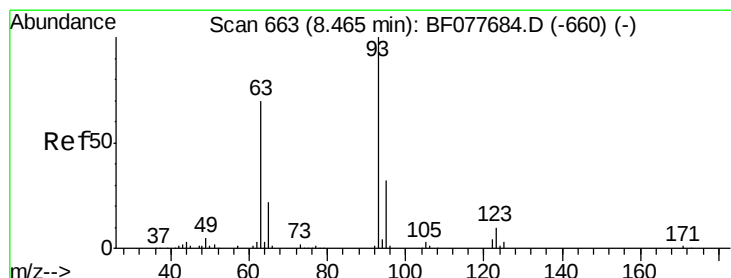
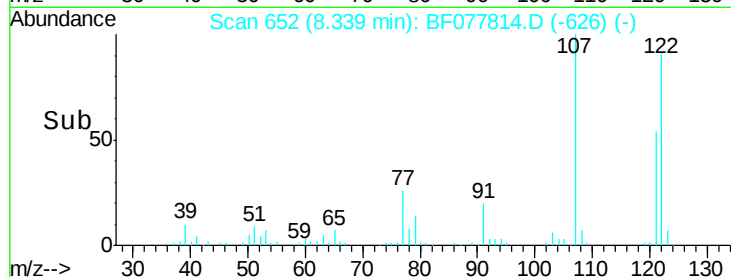
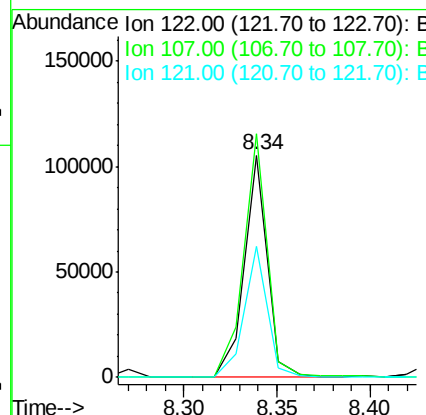
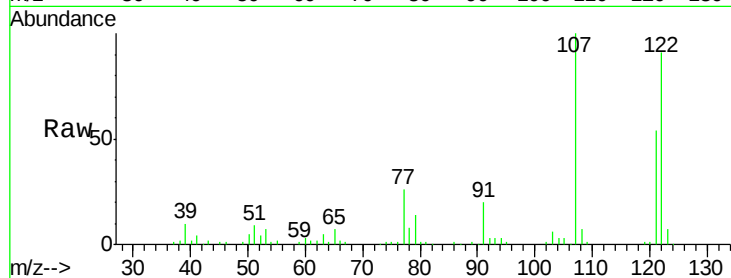




#27
 2,4-Dimethylphenol
 Concen: 42.76 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

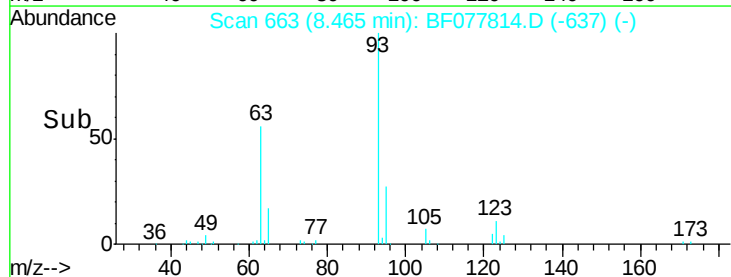
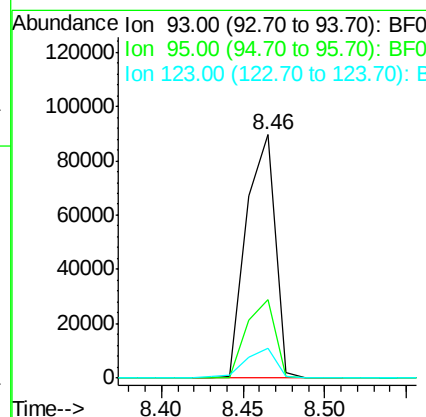
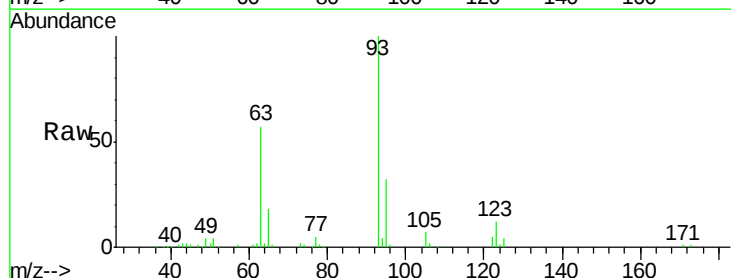
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

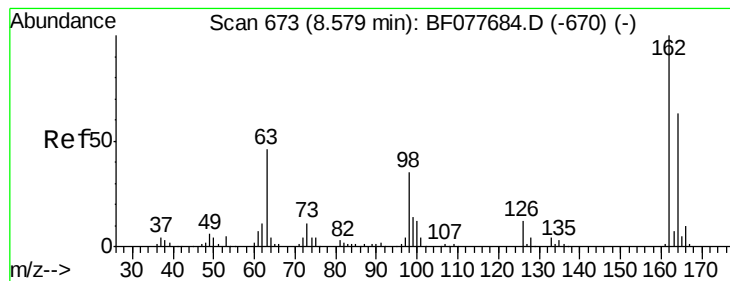
Tgt Ion: 122 Resp: 91373
 Ion Ratio Lower Upper
 122 100
 107 109.5 84.7 127.1
 121 59.0 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.18 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion: 93 Resp: 109552
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 12.5 8.6 13.0

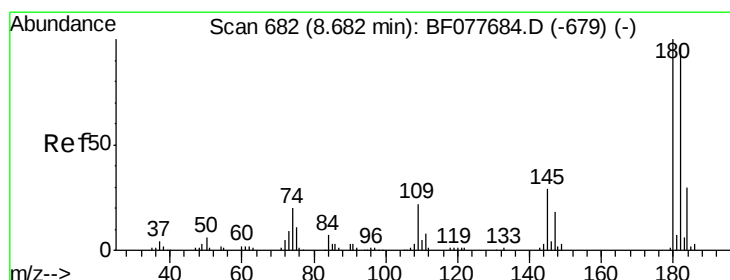
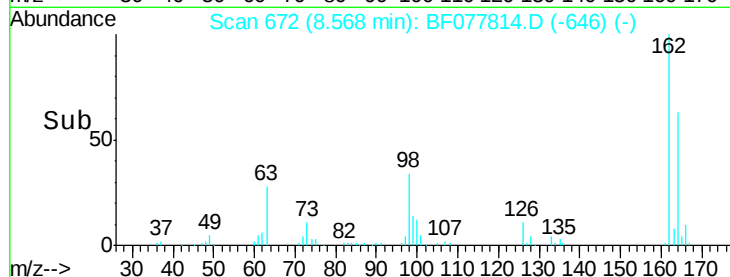
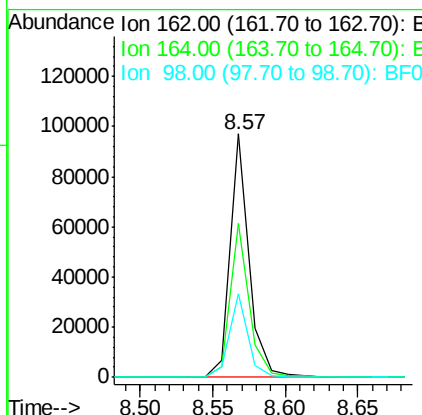
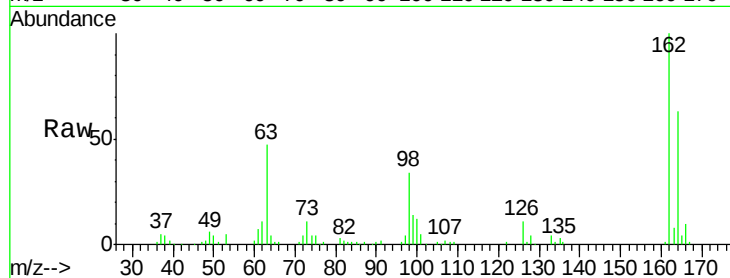




#29
 2,4-Dichlorophenol
 Concen: 43.11 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

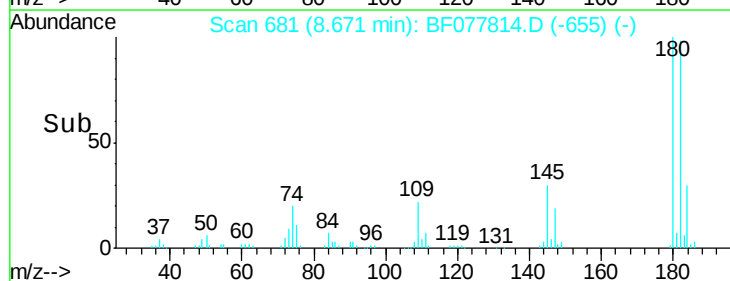
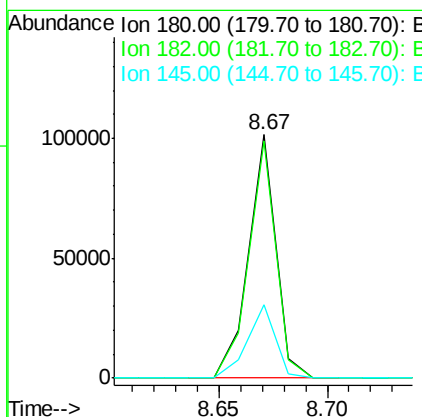
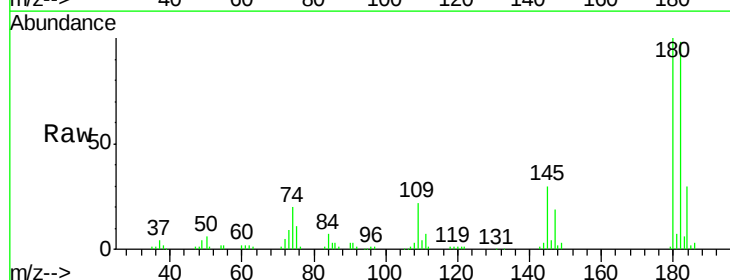
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

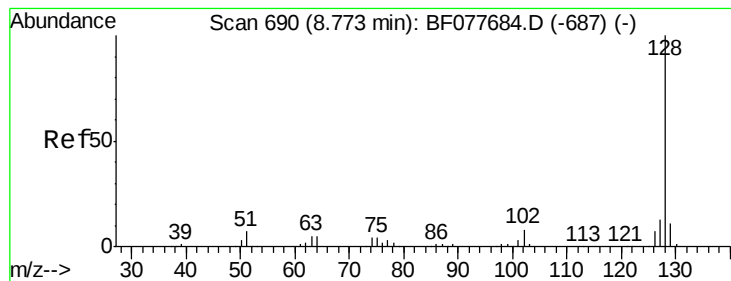
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.8	82.8
98	34.5	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.6	116.4
145	29.9	23.4	35.2

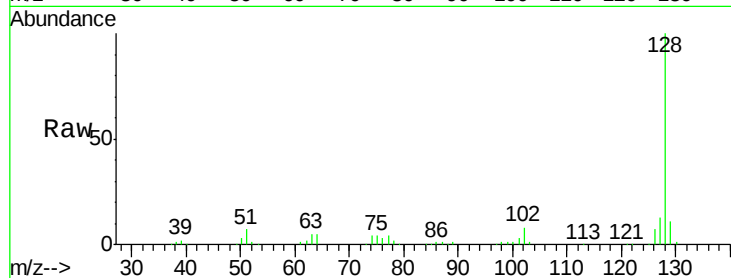




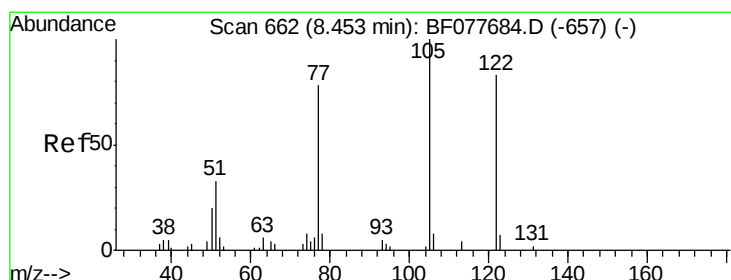
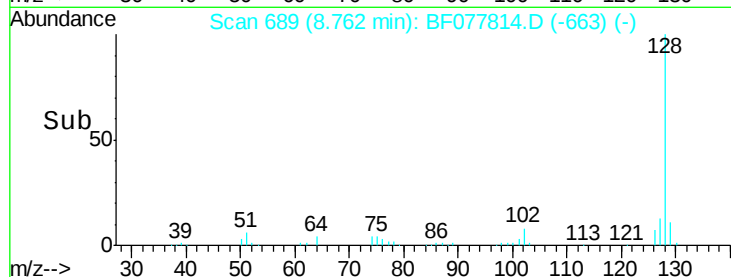
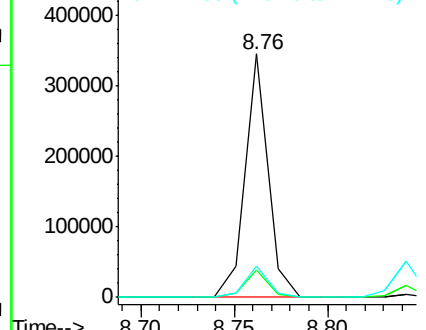
#31
Naphthalene
Concen: 39.46 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:128 Resp: 295427
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6

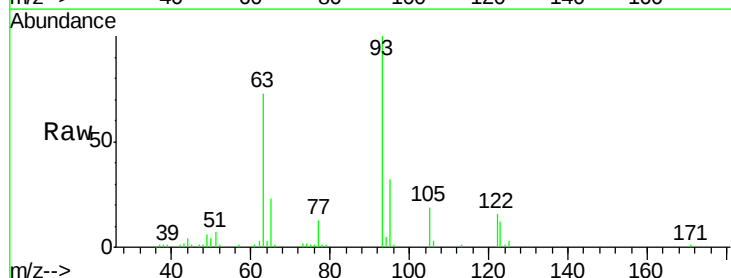


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

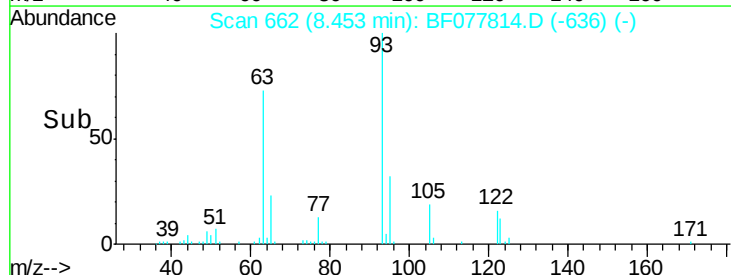
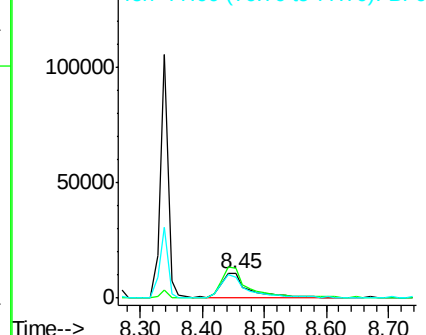


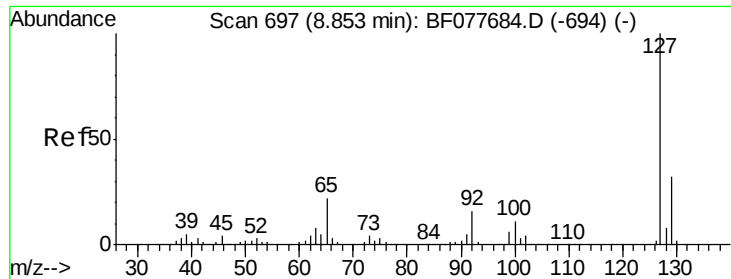
#32
Benzoic acid
Concen: 29.77 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:122 Resp: 33985
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 82.9 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

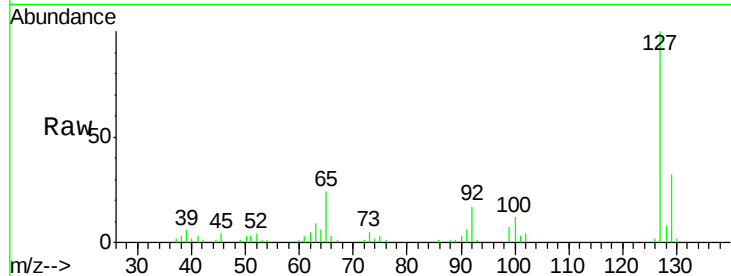




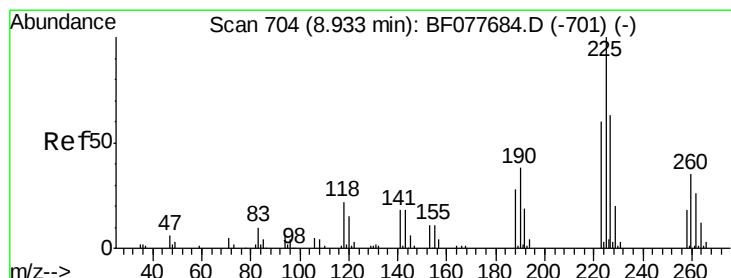
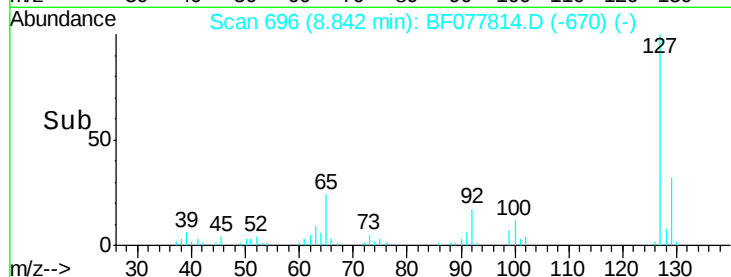
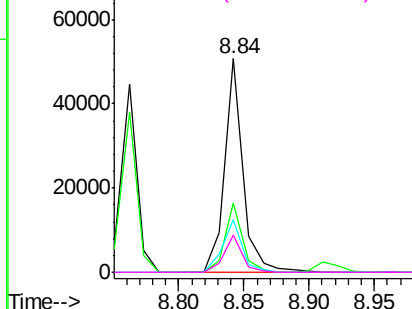
#33
 4-Chloroaniline
 Concen: 16.39 ng
 RT: 8.84 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:	127	Resp:	49819
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	24.3	17.6	26.4
92	17.2	13.1	19.7

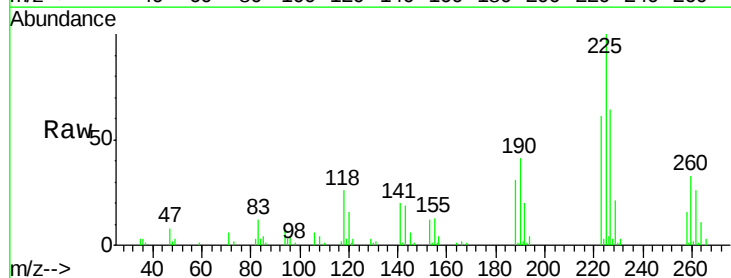


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

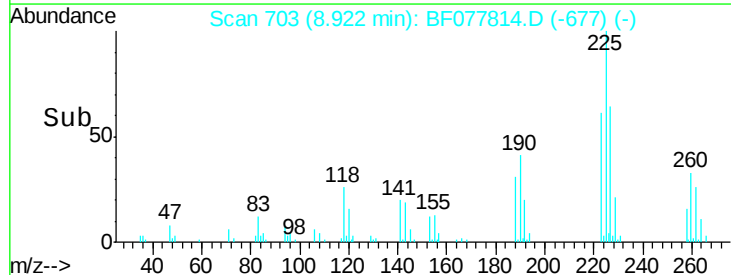
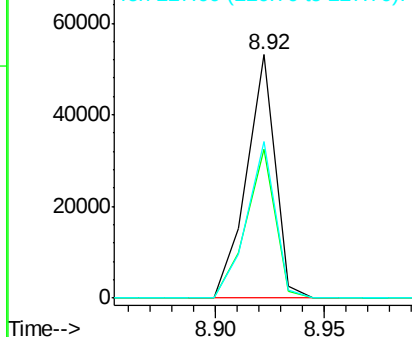


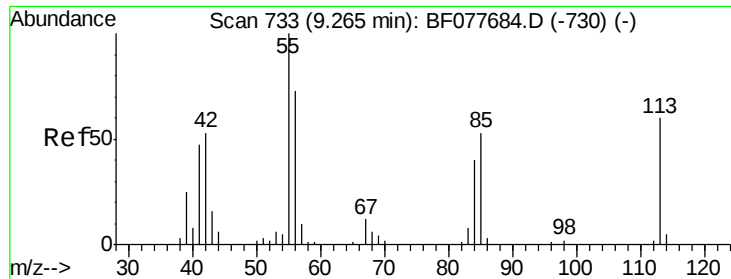
#34
 Hexachlorobutadiene
 Concen: 37.61 ng
 RT: 8.92 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:	225	Resp:	48580
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.9	71.9
227	64.1	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

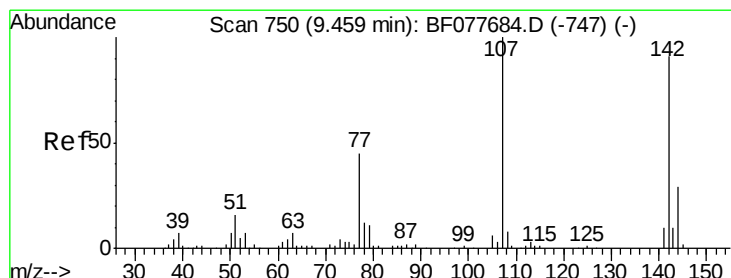
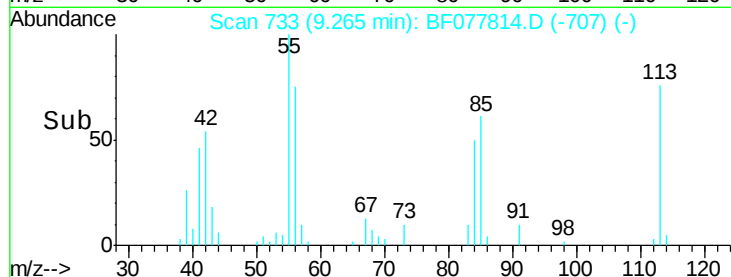
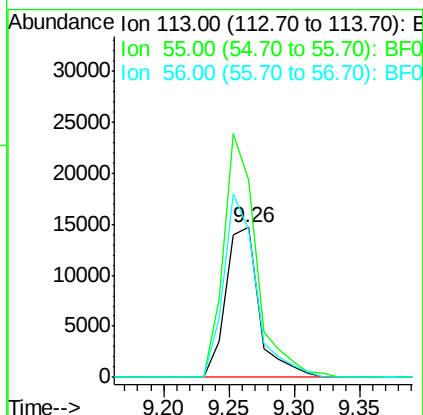
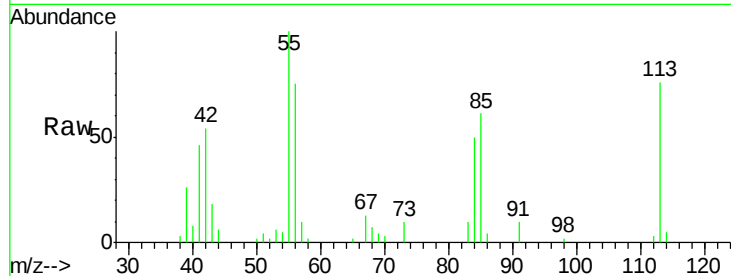




#35
 Caprolactam
 Concen: 43.91 ng
 RT: 9.26 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

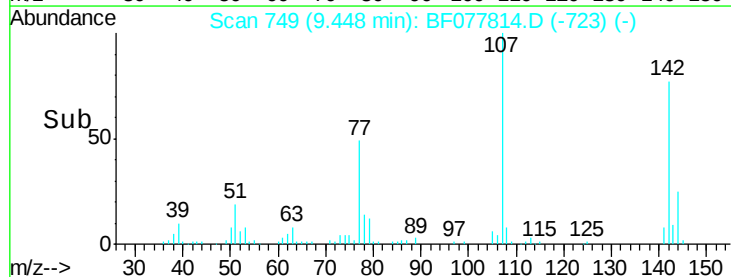
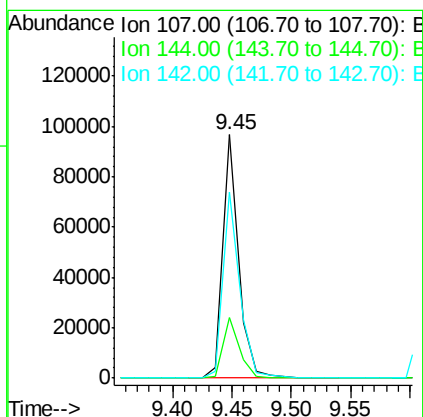
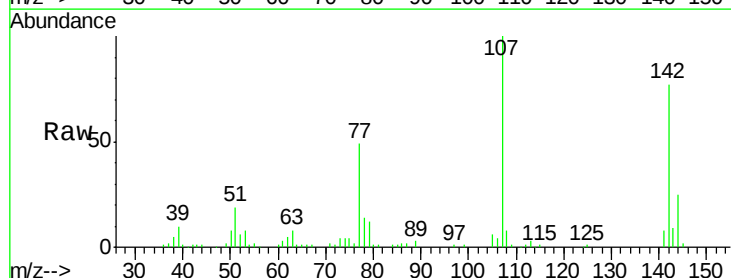
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

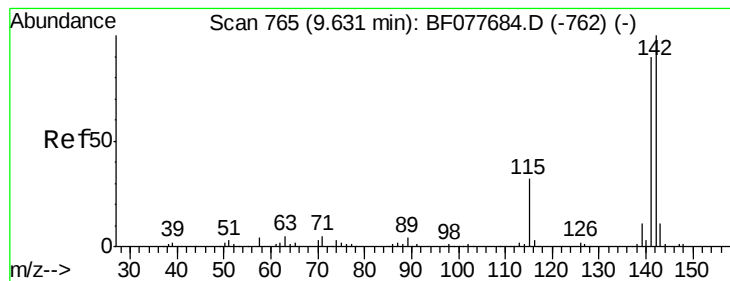
Tgt Ion:113 Resp: 26138
 Ion Ratio Lower Upper
 113 100
 55 132.1 145.9 185.9#
 56 98.5 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 43.07 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:107 Resp: 88276
 Ion Ratio Lower Upper
 107 100
 144 24.7 23.3 34.9
 142 76.7 72.6 109.0

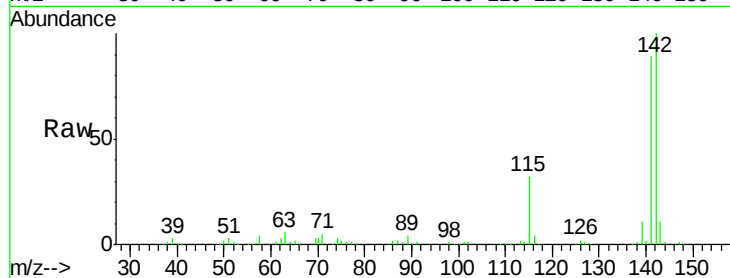




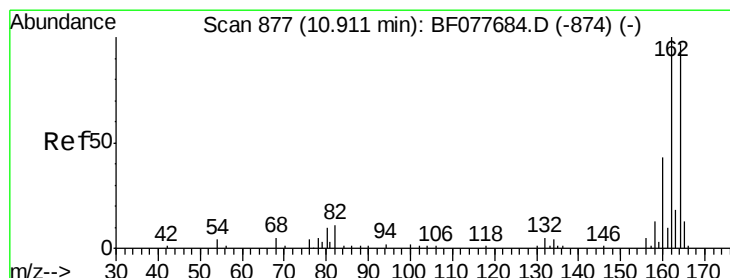
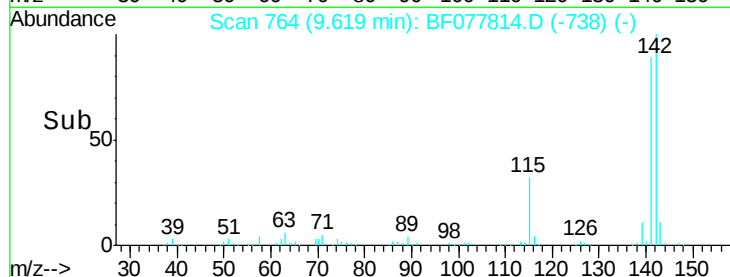
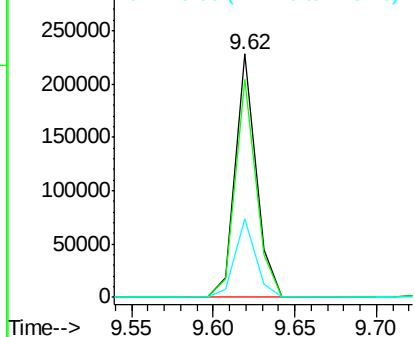
#37
 2-Methylnaphthalene
 Concen: 39.90 ng
 RT: 9.62 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	32.3	25.4	38.0

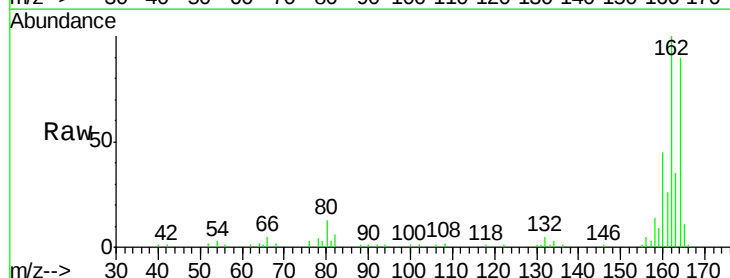


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

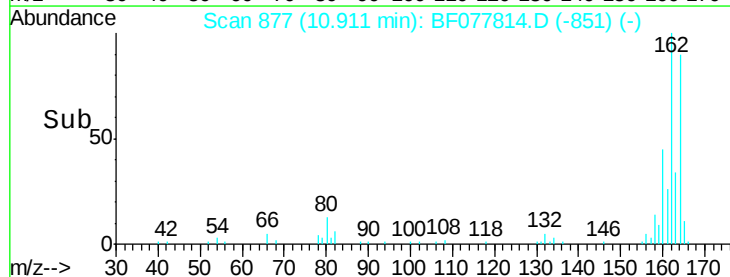
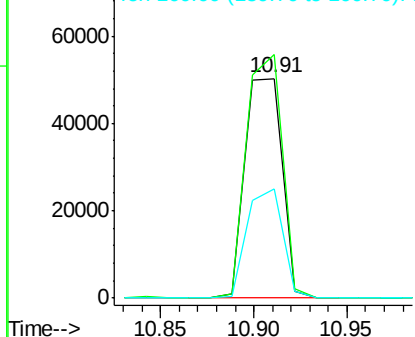


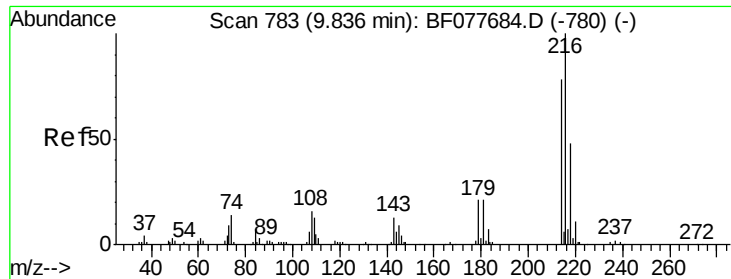
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.8	82.4	123.6
160	49.4	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: 40.53 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

Tgt Ion:216 Resp: 85210

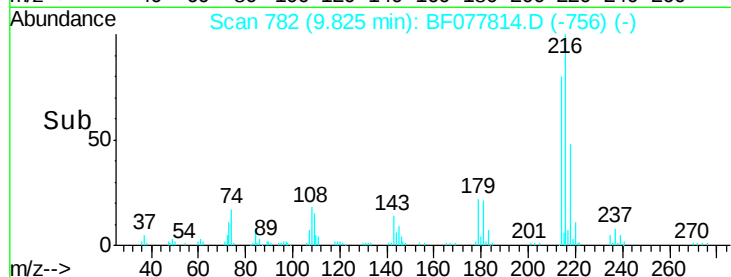
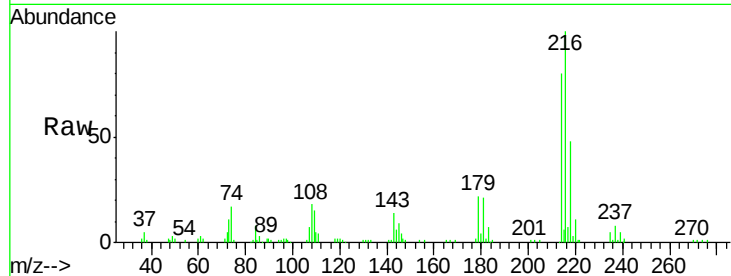
Ion Ratio Lower Upper

216 100

214 79.9 0.0 0.0#

179 22.2 0.0 0.0#

108 20.7 0.0 0.0#



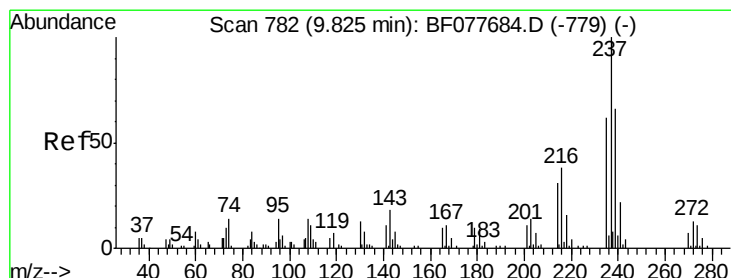
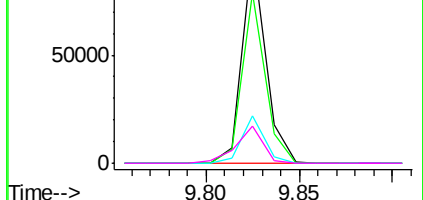
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 78.17 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

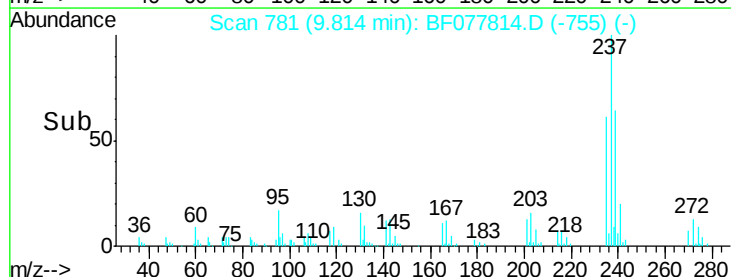
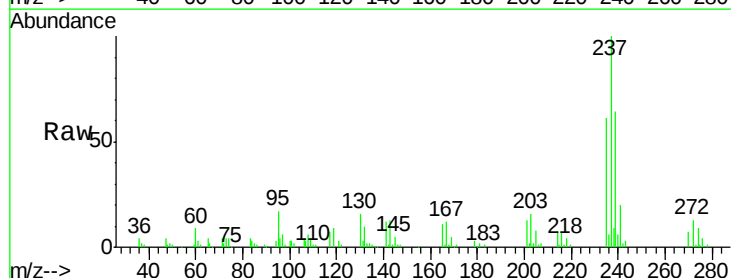
Tgt Ion:237 Resp: 82189

Ion Ratio Lower Upper

237 100

235 60.9 42.0 82.0

272 12.6 0.0 33.4

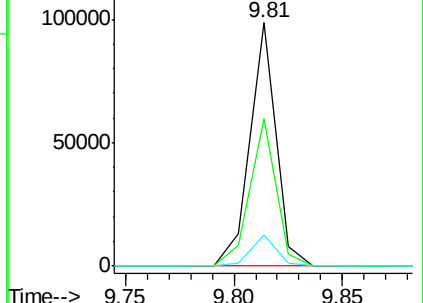


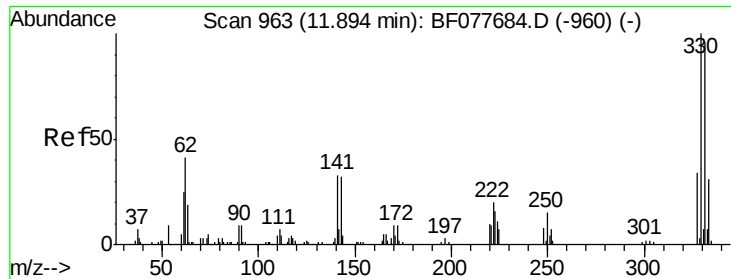
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

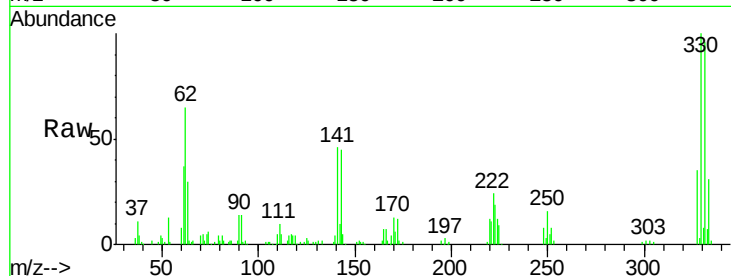




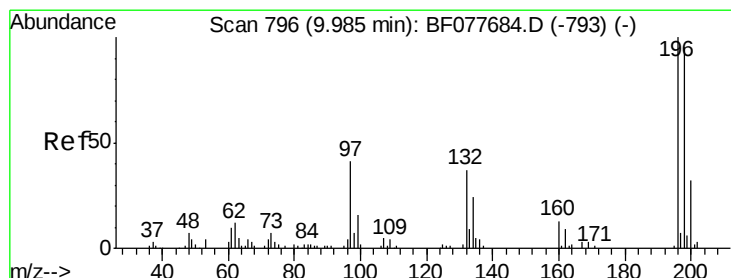
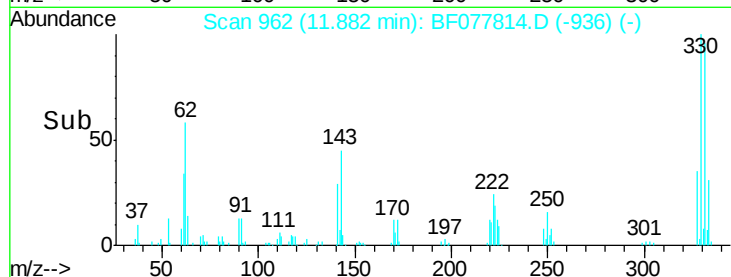
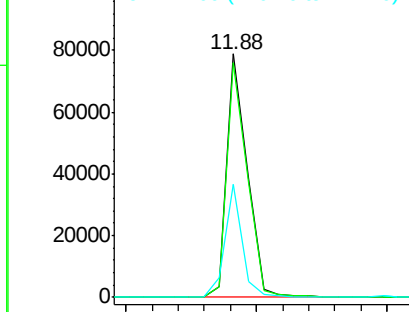
#41
 2,4,6-Tribromophenol
 Concen: 127.14 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:330 Resp: 85737
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 39.1 0.0 0.0#

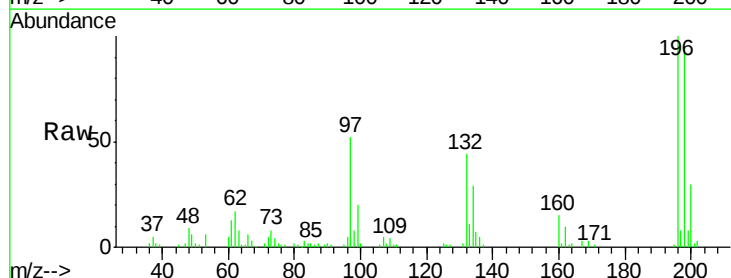


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

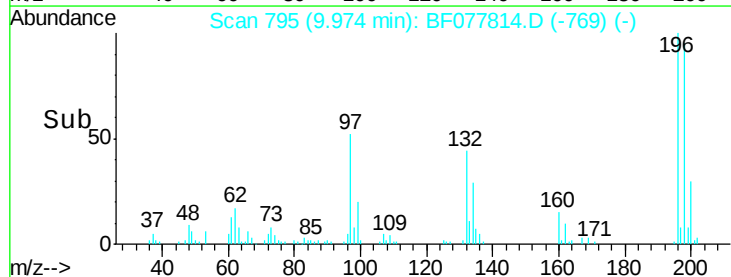
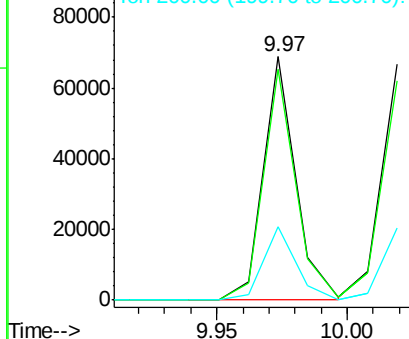


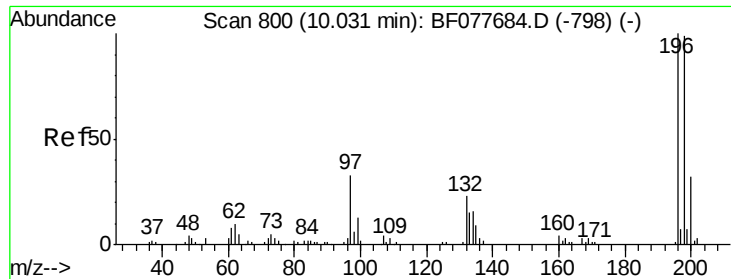
#42
 2,4,6-Trichlorophenol
 Concen: 41.02 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:196 Resp: 59734
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.3 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

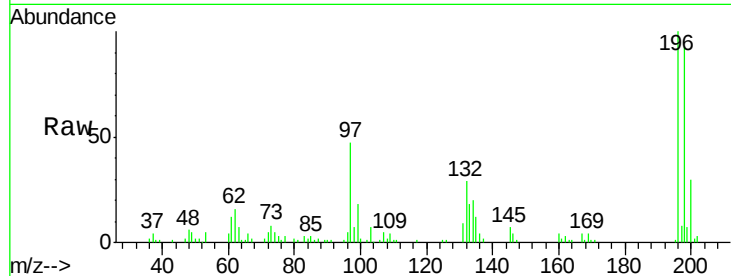




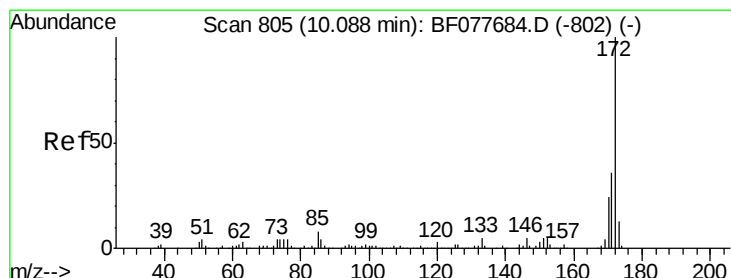
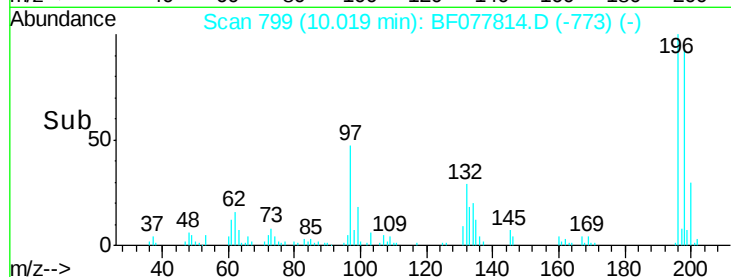
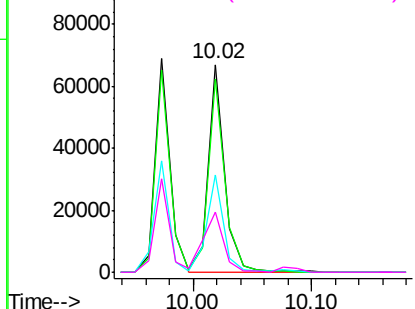
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:196 Resp: 64557
 Ion Ratio Lower Upper
 196 100
 198 92.9 79.4 119.0
 97 47.1 26.8 40.2#
 132 29.3 18.6 28.0#

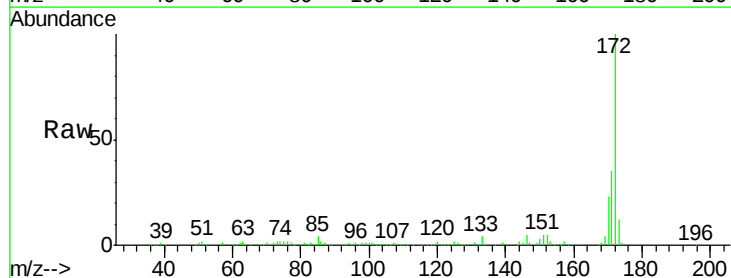


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

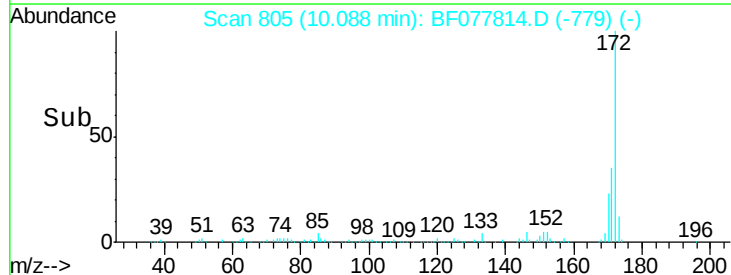
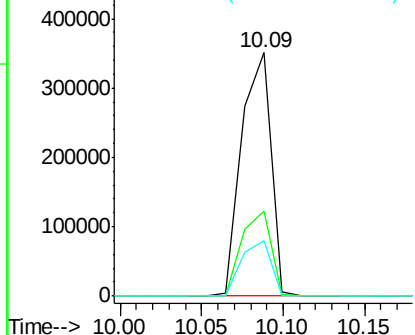


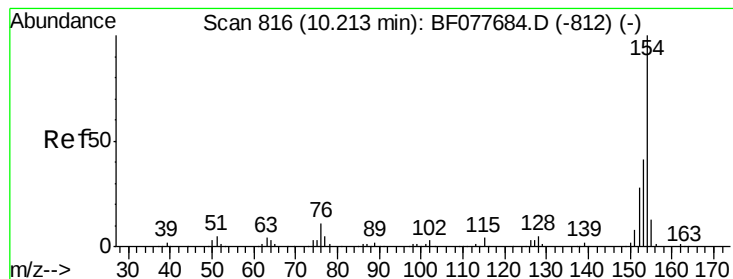
#44
 2-Fluorobiphenyl
 Concen: 90.80 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:172 Resp: 435465
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.8 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: 43.20 ng

RT: 10.20 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

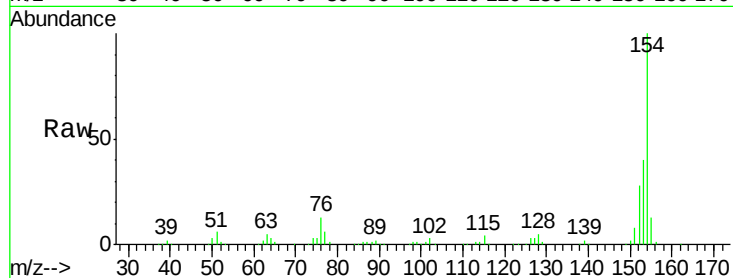
Tgt Ion:154 Resp: 243376

Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

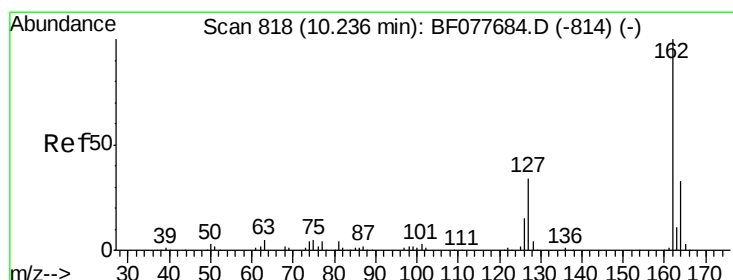
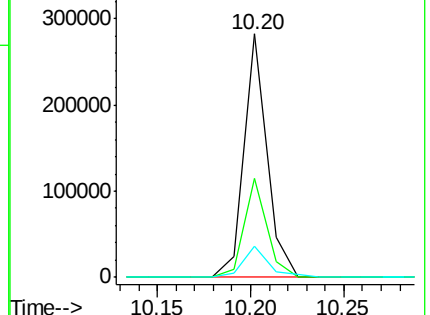
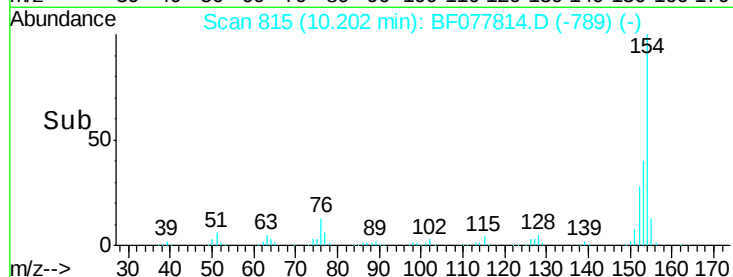
76 12.6 0.0 30.9



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: 41.84 ng

RT: 10.23 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

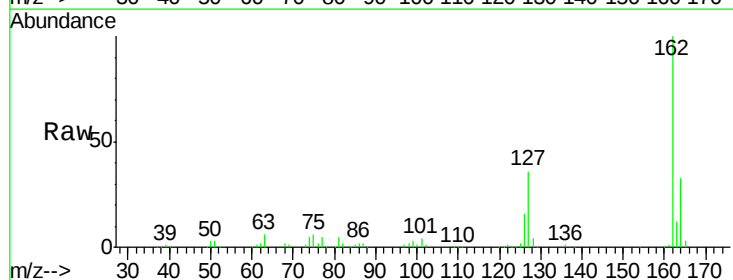
Tgt Ion:162 Resp: 191579

Ion Ratio Lower Upper

162 100

127 36.2 26.9 40.3

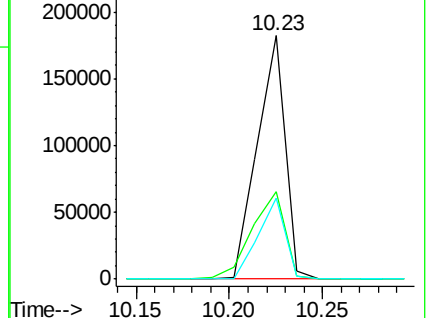
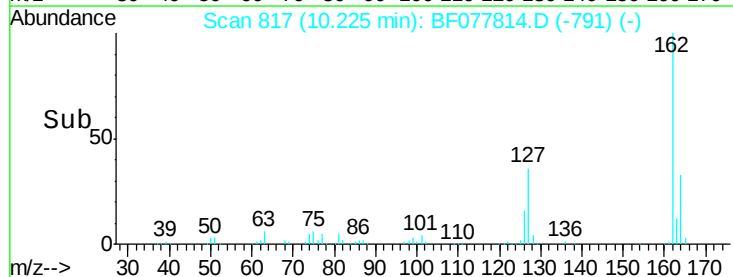
164 33.3 26.8 40.2

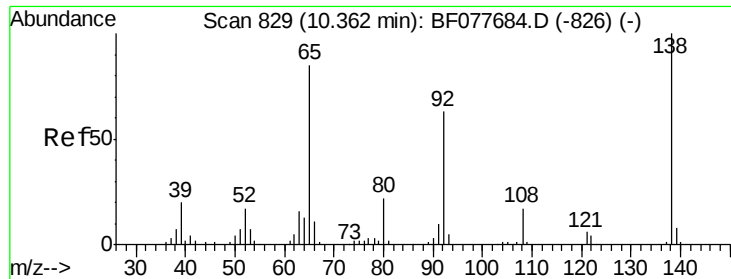


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

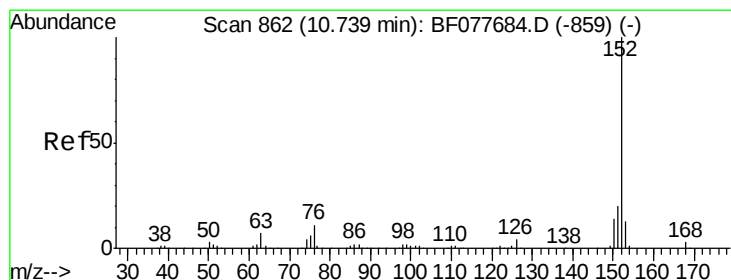
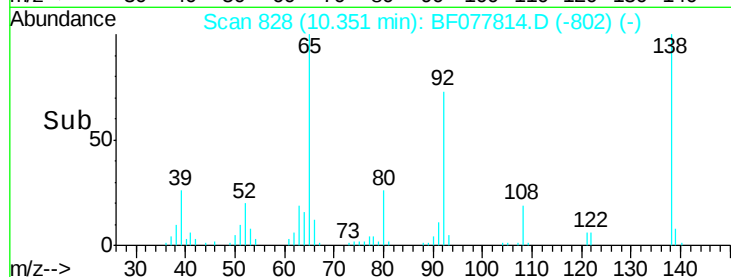
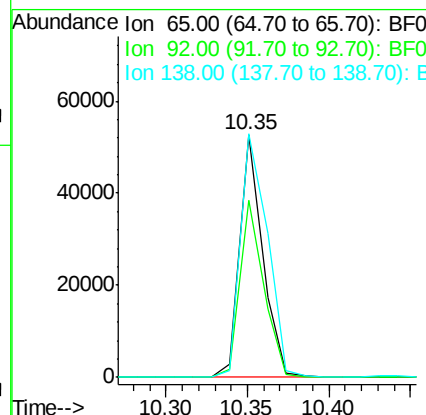
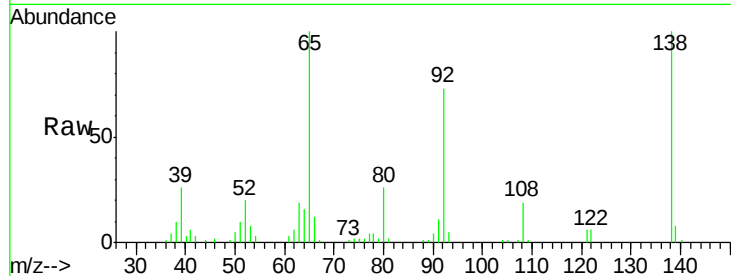




#47
 2-Nitroaniline
 Concen: 44.57 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

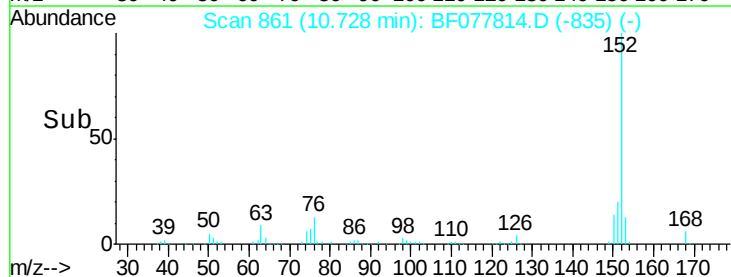
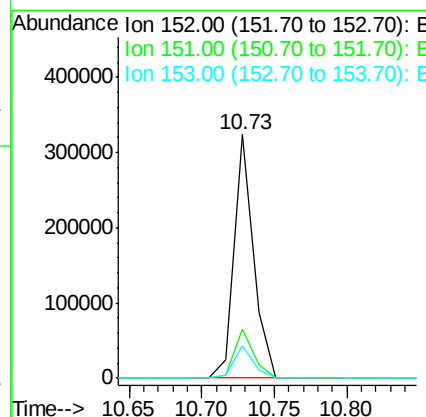
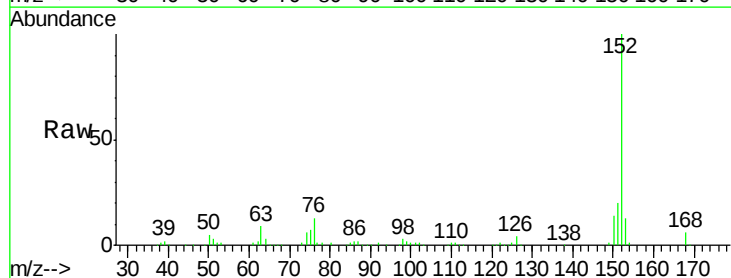
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

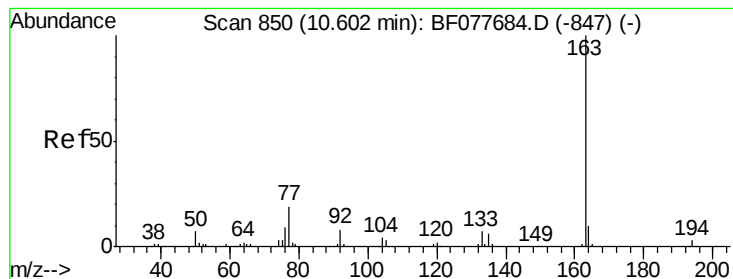
Tgt Ion:	65	Resp:	50679
Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.1	88.7
138	100.3	93.9	140.9



#48
 Acenaphthylene
 Concen: 39.33 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:	152	Resp:	299472
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.4	10.6	16.0





#49

Dimethylphthalate

Concen: 41.59 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

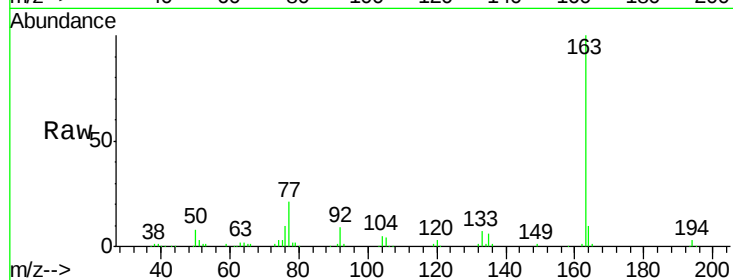
Tgt Ion:163 Resp: 217441

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

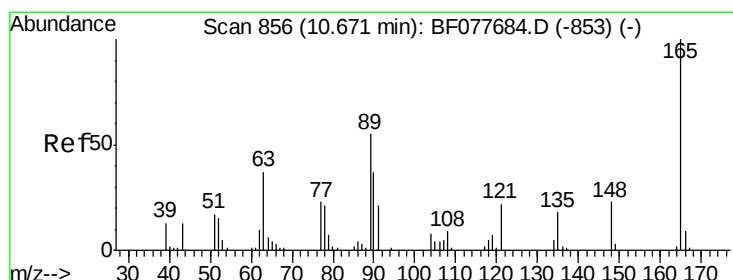
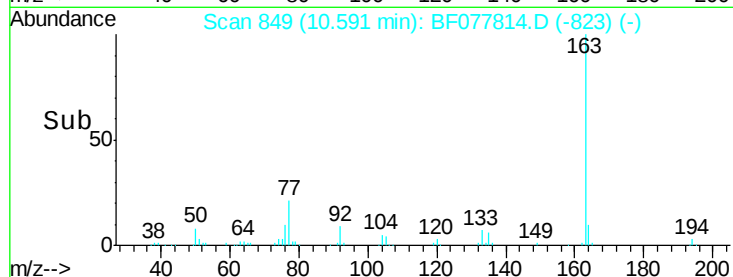
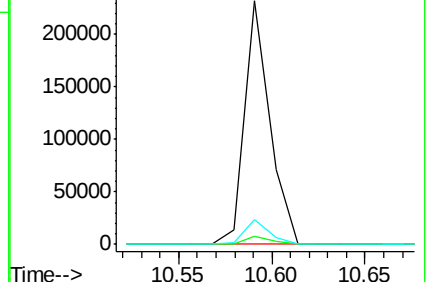
164 10.4 8.2 12.2



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: 43.21 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

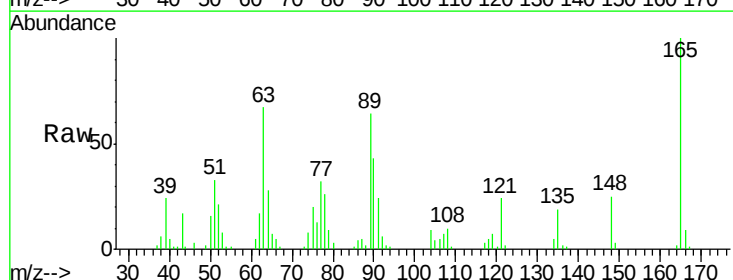
Tgt Ion:165 Resp: 46826

Ion Ratio Lower Upper

165 100

63 67.1 44.1 66.1#

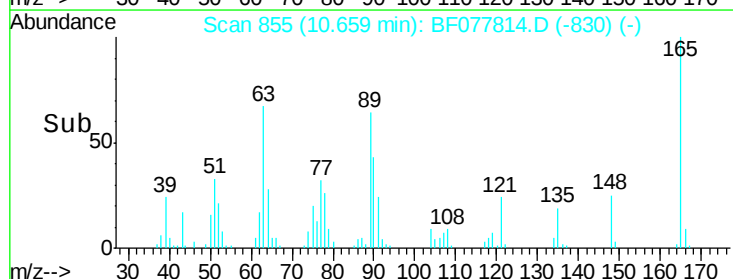
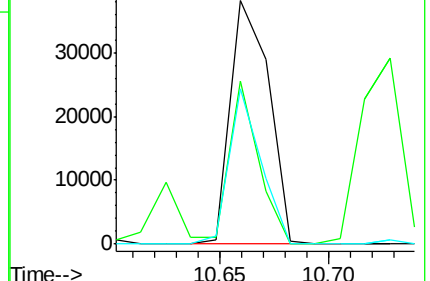
89 63.7 44.3 66.5

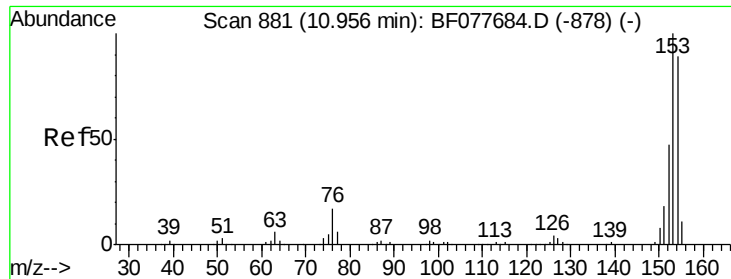


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.24 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

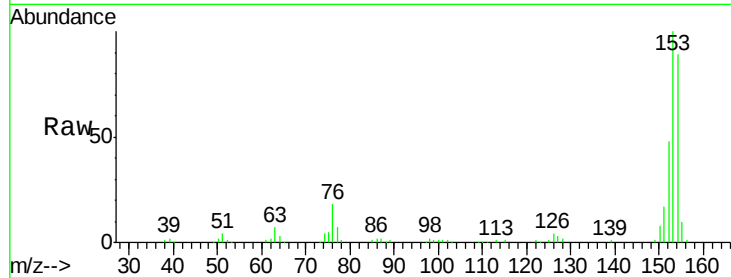
Tgt Ion:154 Resp: 180029

Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

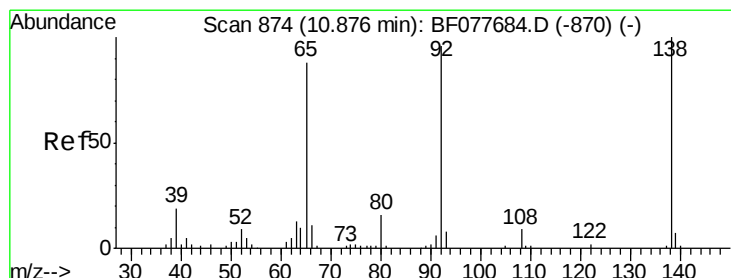
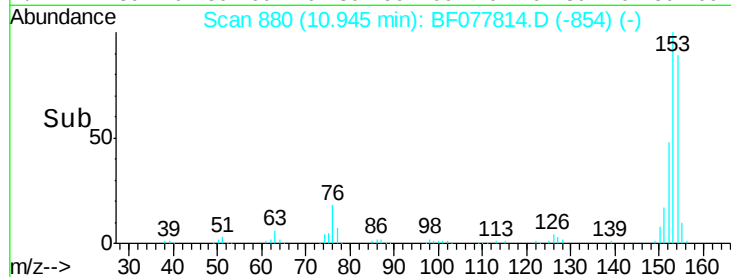
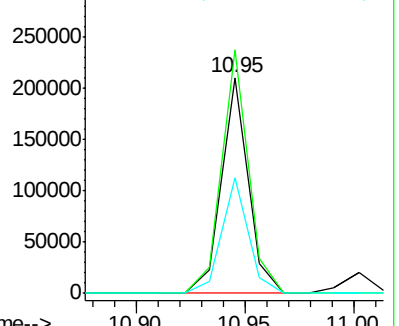
152 53.7 42.6 63.8



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: 26.33 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

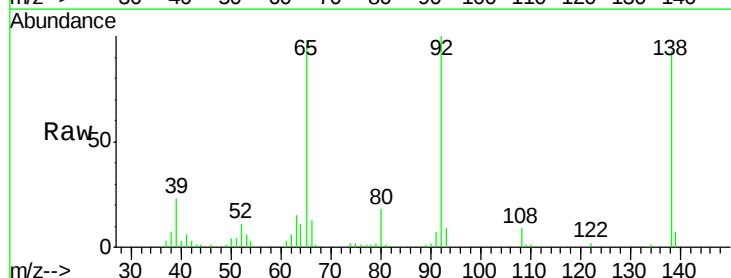
Tgt Ion:138 Resp: 33135

Ion Ratio Lower Upper

138 100

108 9.4 7.3 10.9

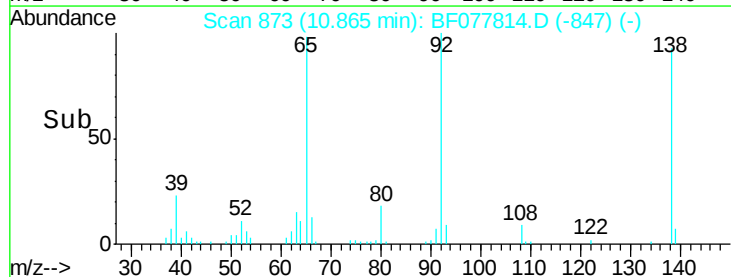
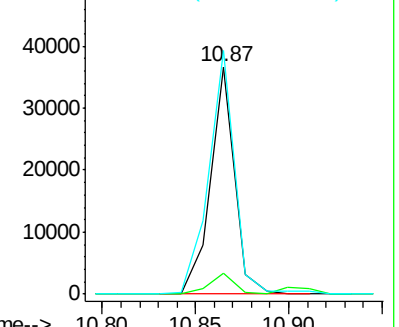
92 107.0 76.6 114.8

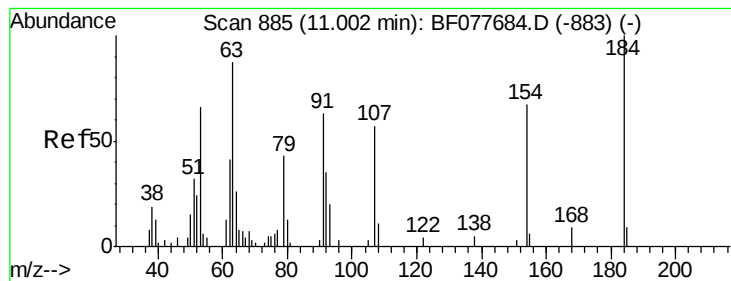


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 84.53 ng

RT: 11.00 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

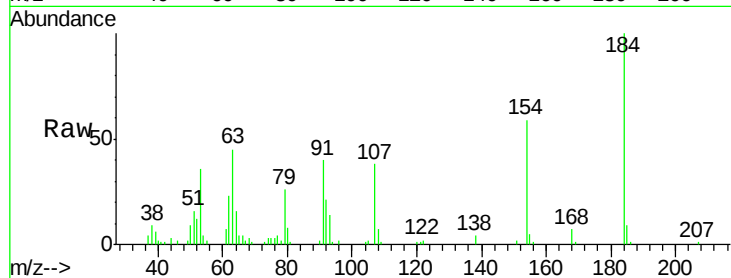
Tgt Ion:184 Resp: 33853

Ion Ratio Lower Upper

184 100

63 45.1 69.2 103.8#

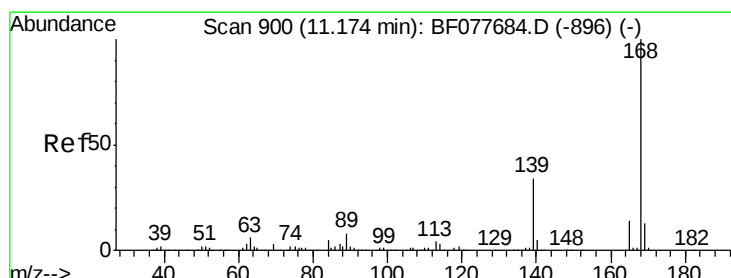
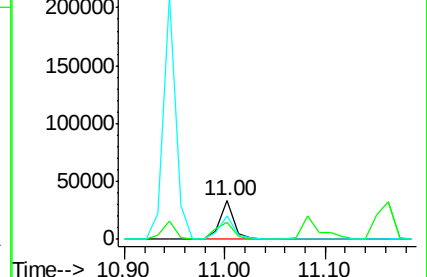
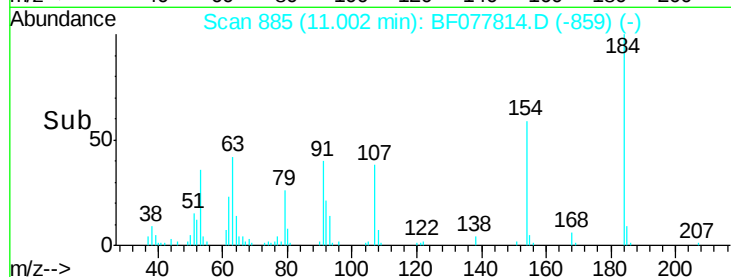
154 59.3 53.3 79.9



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: 42.86 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

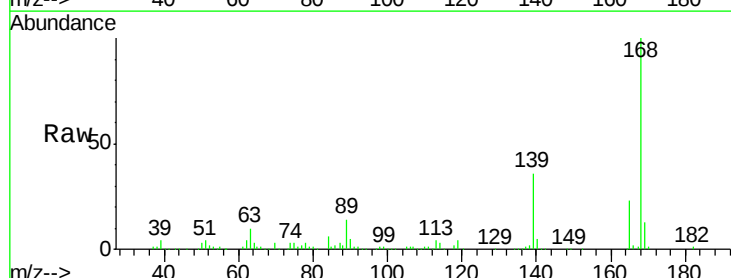
Tgt Ion:168 Resp: 277534

Ion Ratio Lower Upper

168 100

139 36.1 27.3 40.9

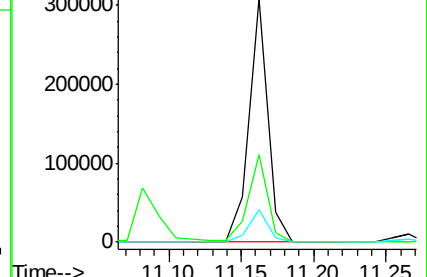
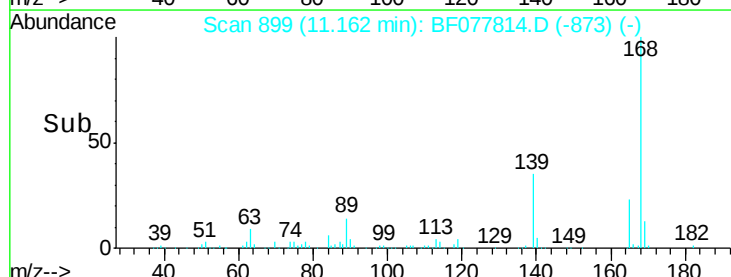
169 13.2 10.6 16.0

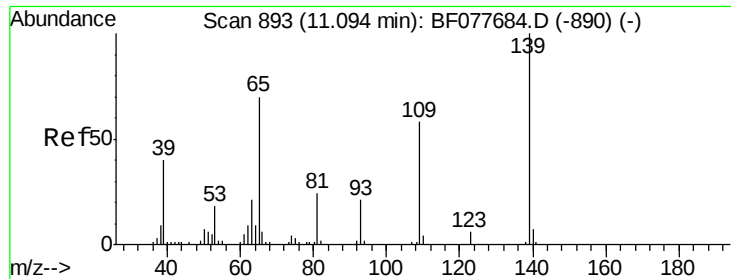


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

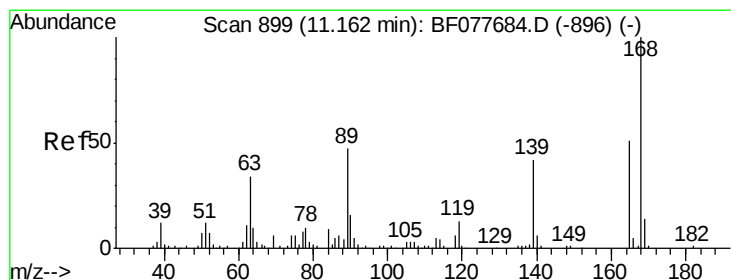
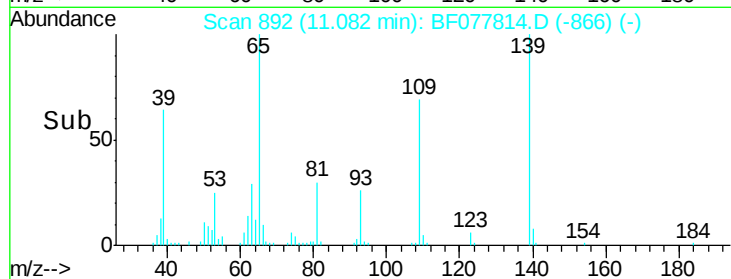
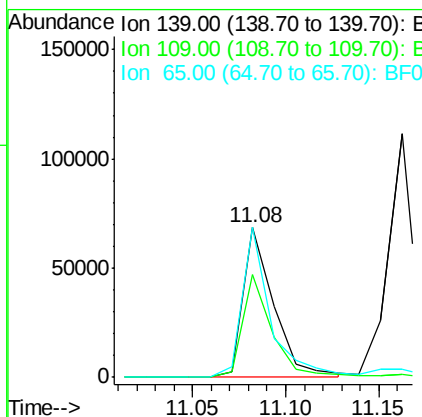
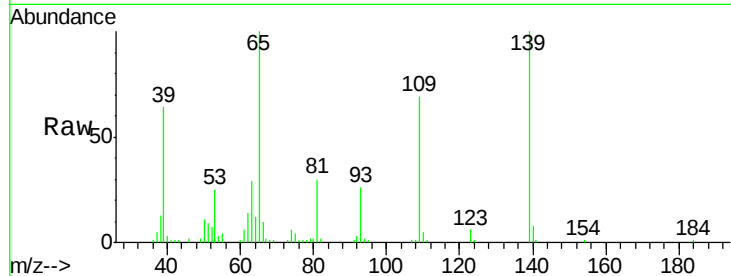




#55
4-Nitrophenol
Concen: 84.56 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

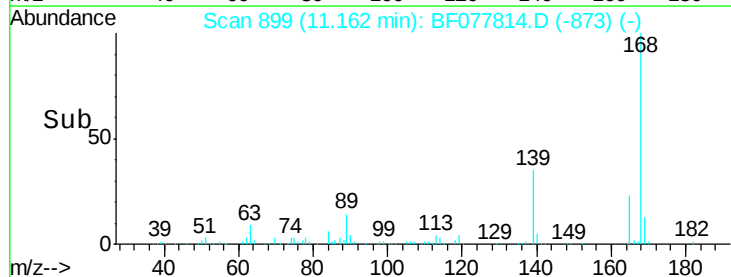
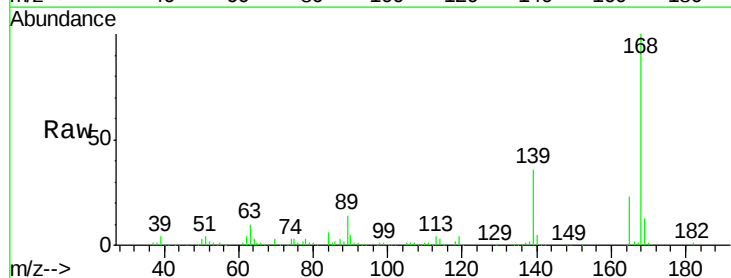
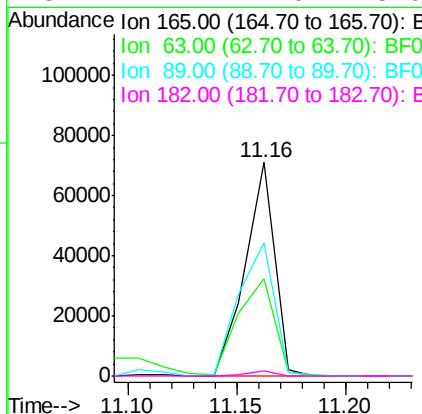
Instrument :
BNA_F
ClientSampled :
PB82167BS

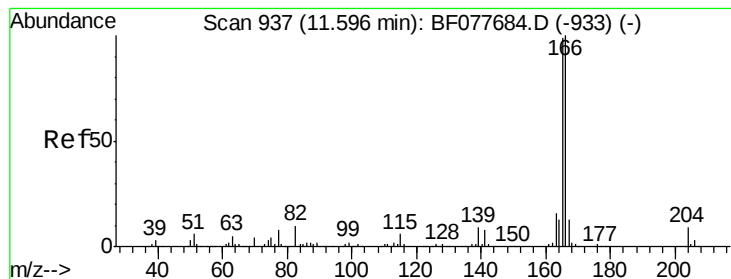
Tgt Ion:139 Resp: 78830
Ion Ratio Lower Upper
139 100
109 68.6 37.7 77.7
65 100.2 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 47.41 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:165 Resp: 66990
Ion Ratio Lower Upper
165 100
63 45.5 52.4 78.6#
89 62.2 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 42.19 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

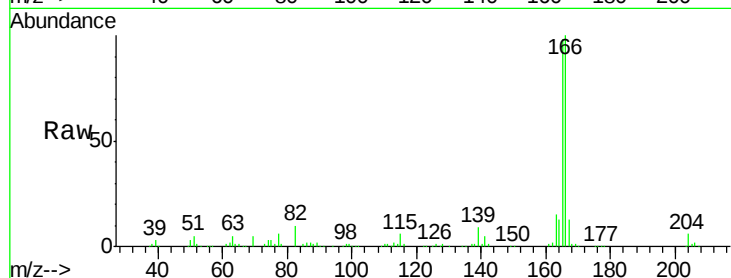
Tgt Ion:166 Resp: 226841

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

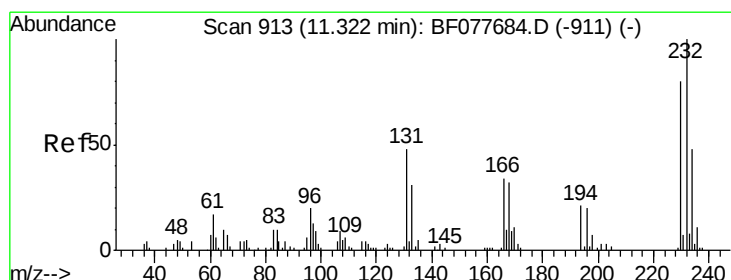
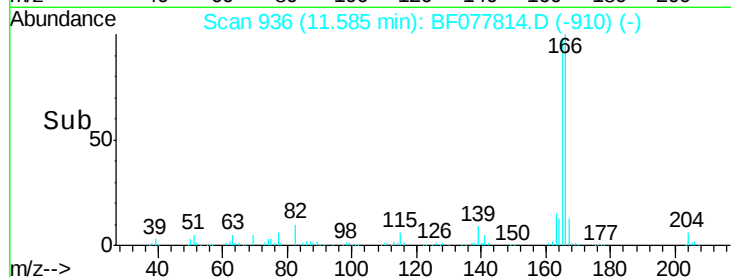
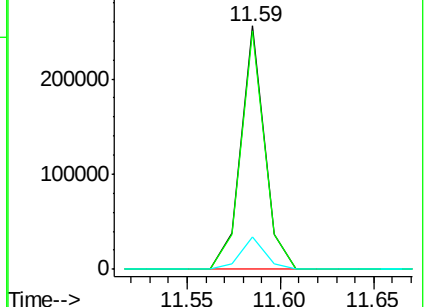
167 13.1 10.3 15.5



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: 43.97 ng

RT: 11.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:232 Resp: 53265

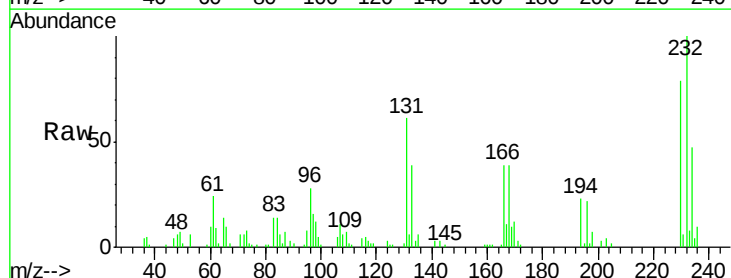
Ion Ratio Lower Upper

232 100

131 46.6 0.0 0.0#

130 1.9 0.0 0.0#

166 31.1 0.0 0.0#

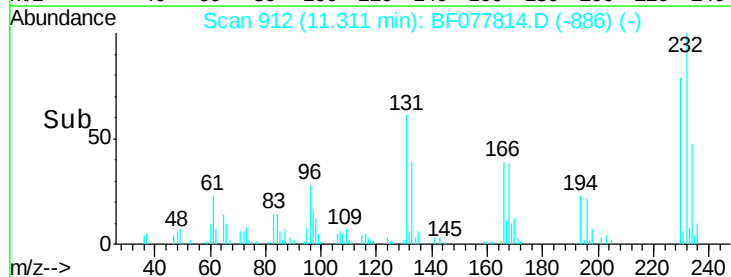
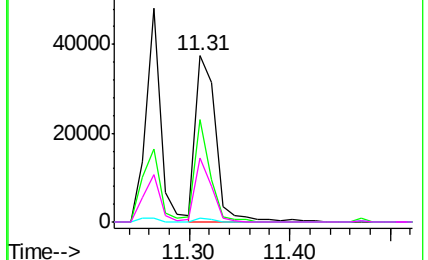


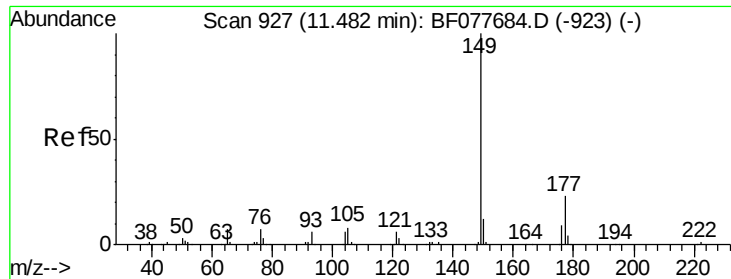
Abundance Ion 232.00 (231.70 to 232.70): E

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

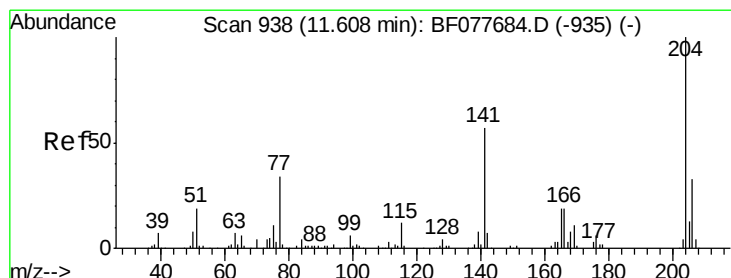
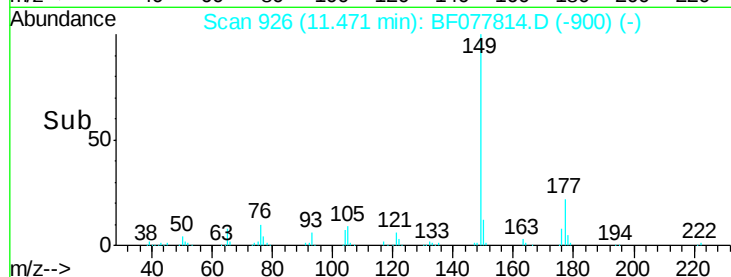
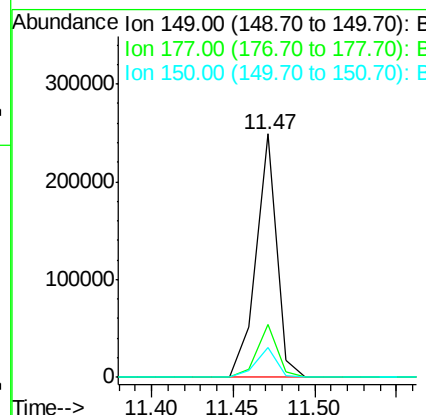
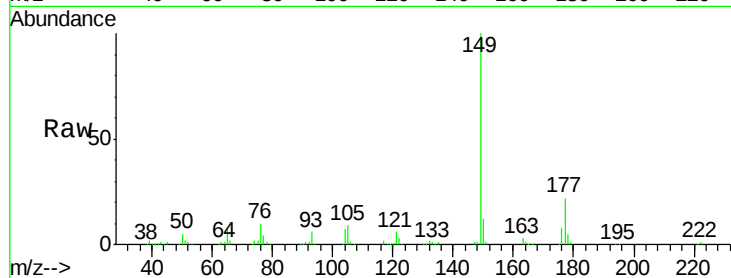




#59
Diethylphthalate
Concen: 42.86 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

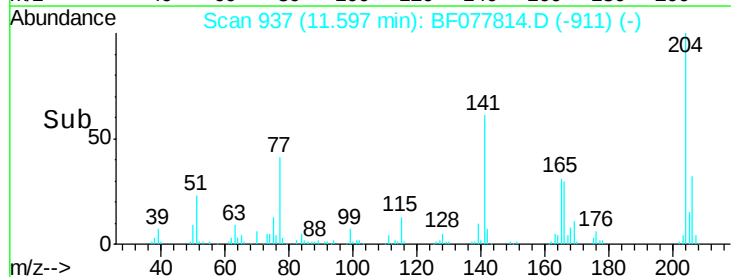
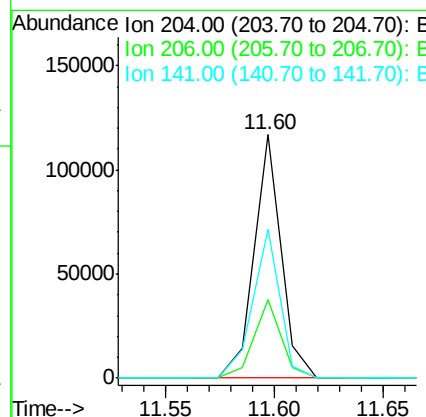
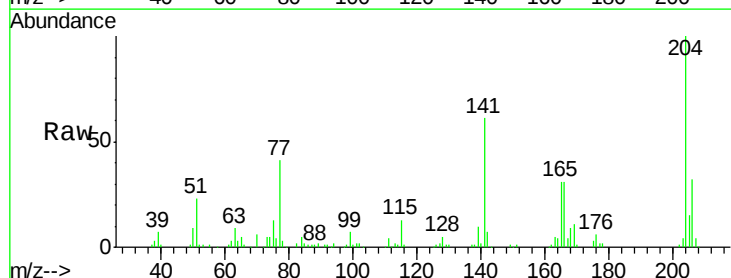
Instrument :
BNA_F
ClientSampleId :
PB82167BS

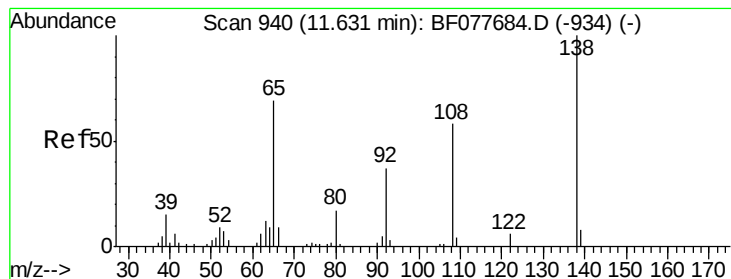
Tgt Ion:149 Resp: 218305
Ion Ratio Lower Upper
149 100
177 21.9 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.06 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:204 Resp: 100743
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 61.1 45.2 67.8





#61

4-Nitroaniline

Concen: 44.08 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

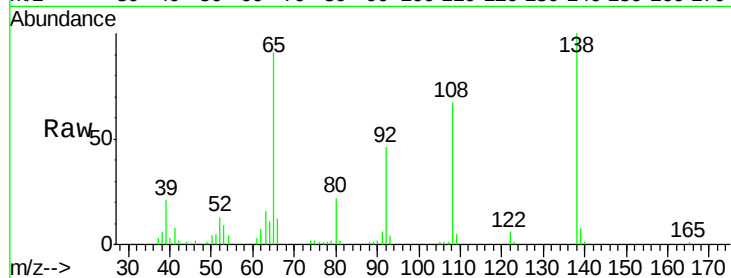
Tgt Ion:138 Resp: 55288

Ion Ratio Lower Upper

138 100

92 46.4 16.7 56.7

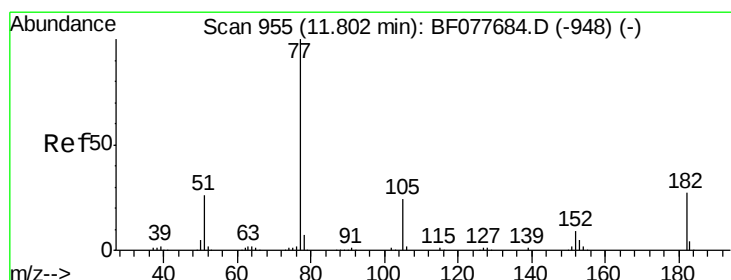
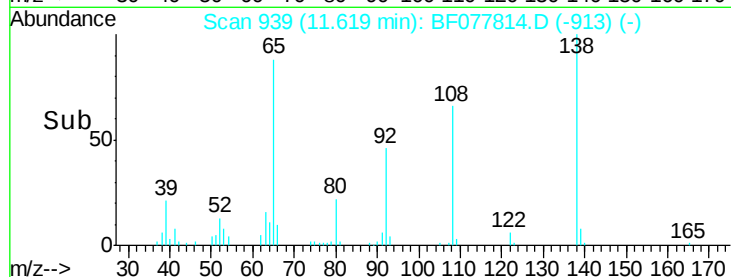
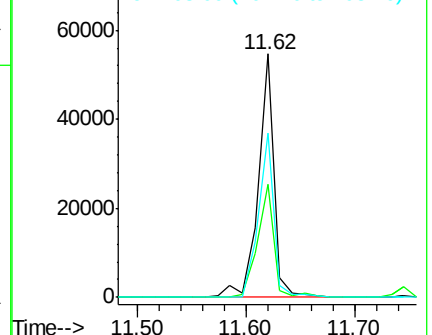
108 67.5 37.6 77.6



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: 42.56 ng

RT: 11.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion: 77 Resp: 207172

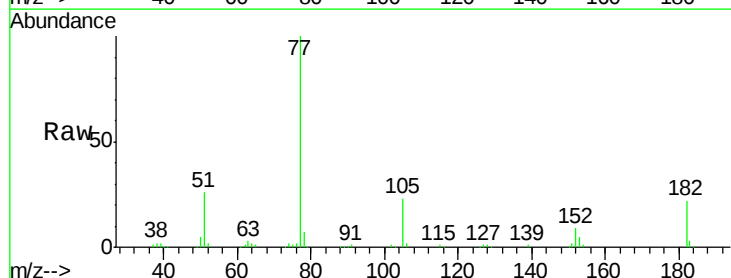
Ion Ratio Lower Upper

77 100

182 22.1 6.5 46.5

105 22.7 3.8 43.8

51 26.4 5.5 45.5

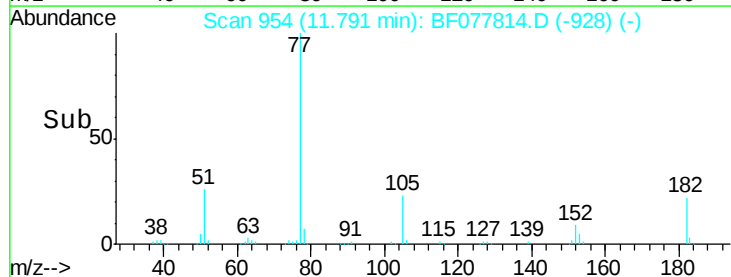
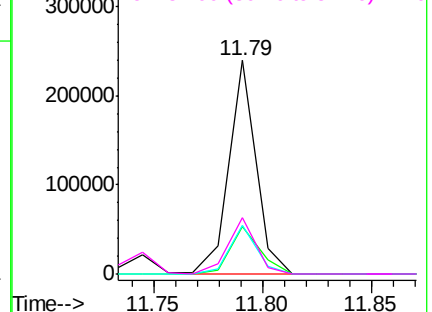


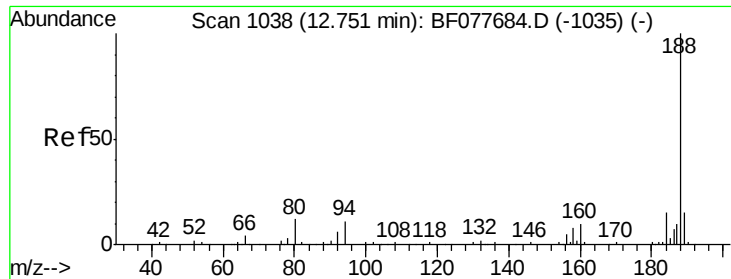
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

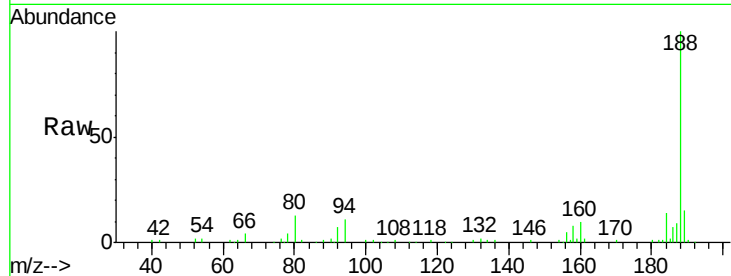




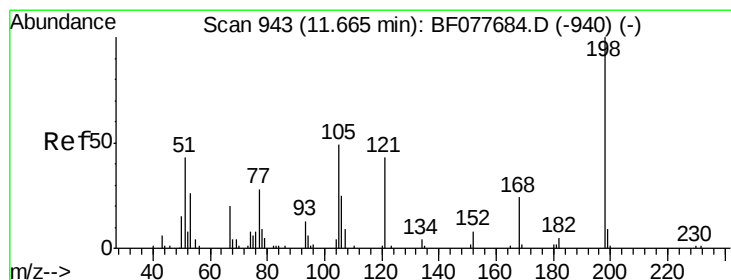
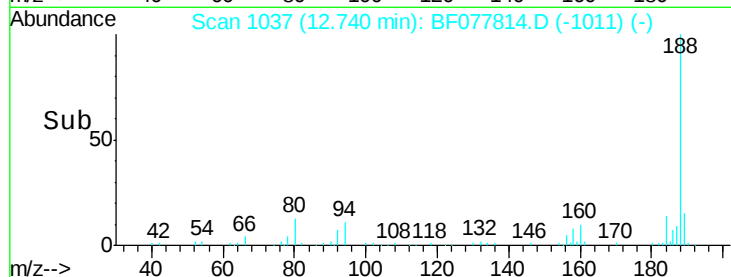
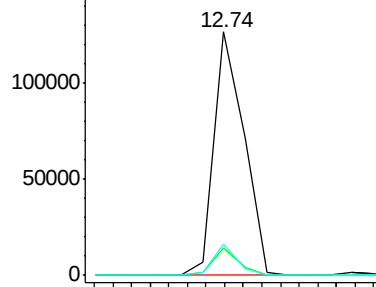
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:188 Resp: 142071
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.7 9.3 13.9

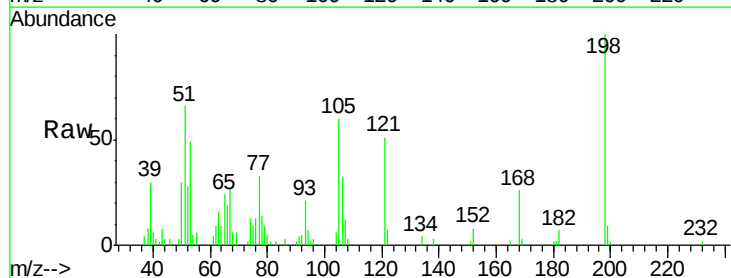


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

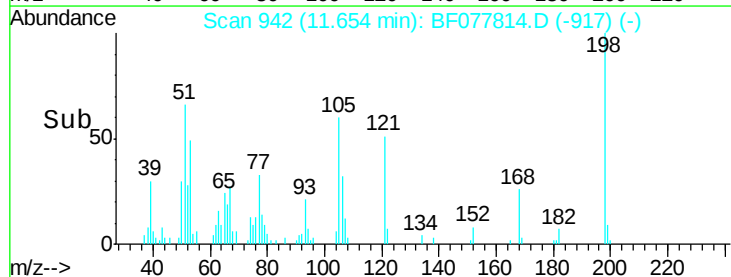
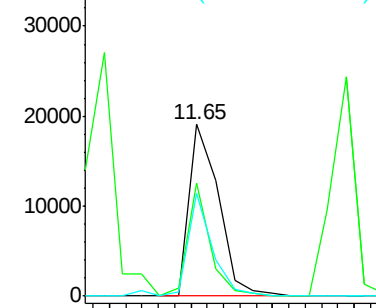


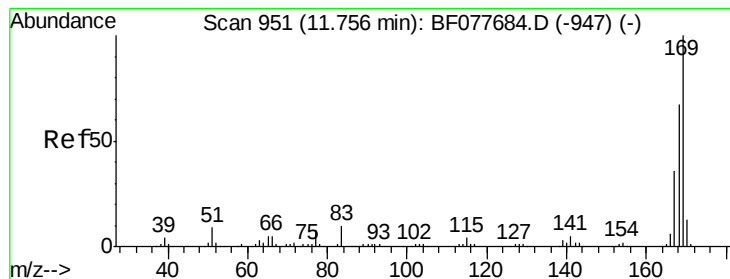
#64
4,6-Dinitro-2-methylphenol
Concen: 36.52 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:198 Resp: 23740
Ion Ratio Lower Upper
198 100
51 66.0 28.8 68.8
105 59.8 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

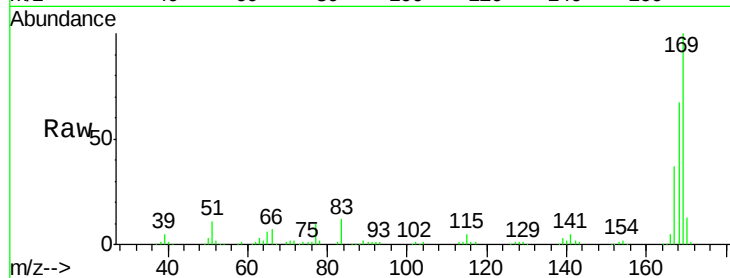




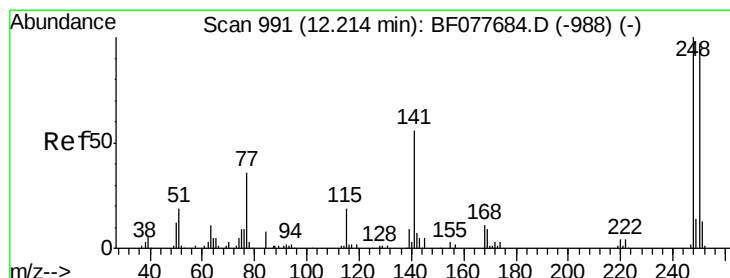
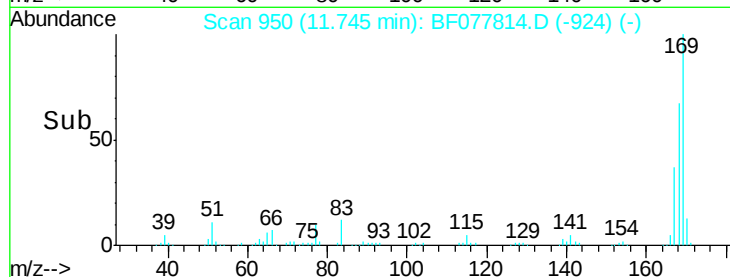
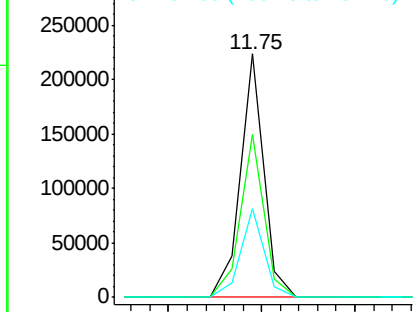
#65
 n-Nitrosodiphenylamine
 Concen: 41.61 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:169 Resp: 196829
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.9 80.9
 167 36.7 28.9 43.3

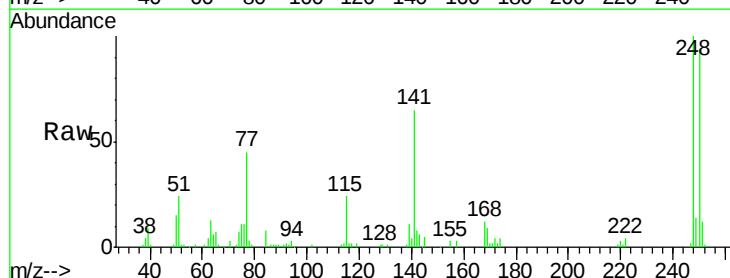


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

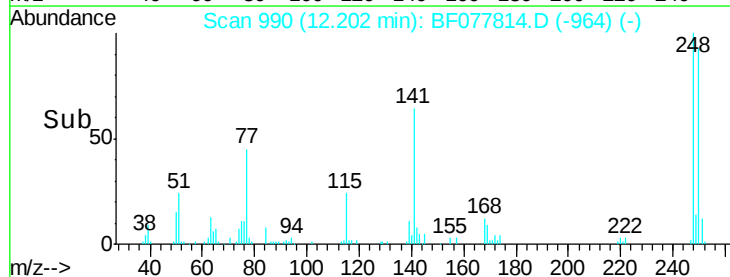
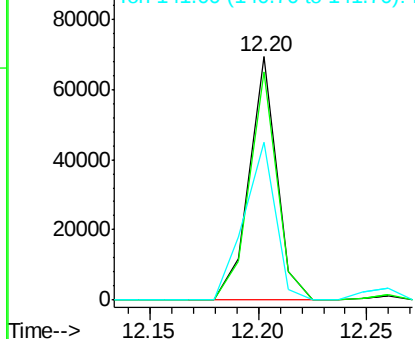


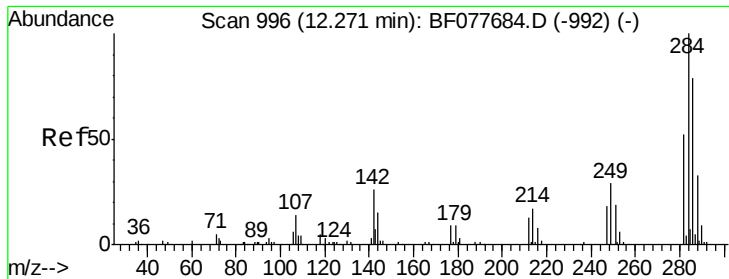
#66
 4-Bromophenyl-phenylether
 Concen: 40.28 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:248 Resp: 61074
 Ion Ratio Lower Upper
 248 100
 250 93.9 77.4 116.0
 141 65.1 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

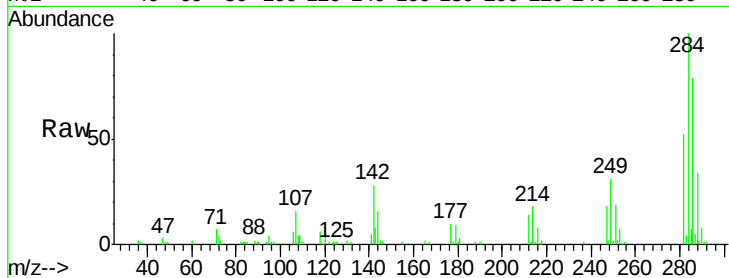




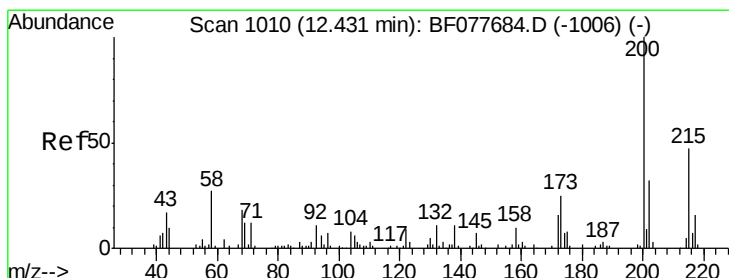
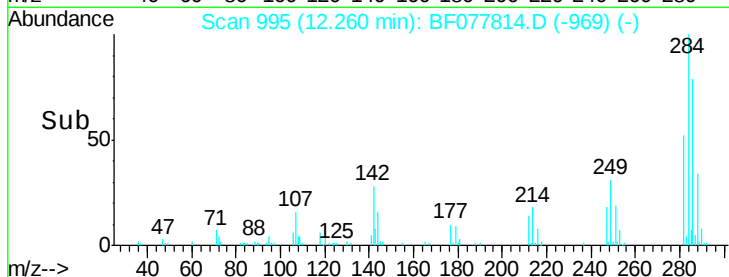
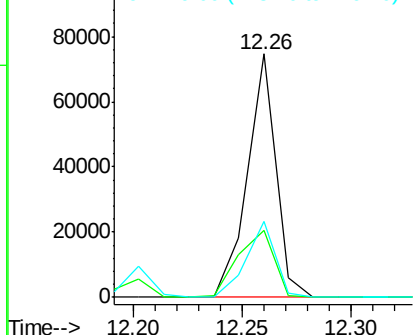
#67
Hexachlorobenzene
Concen: 40.64 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:284 Resp: 67710
Ion Ratio Lower Upper
284 100
142 27.6 20.4 30.6
249 31.1 23.8 35.6

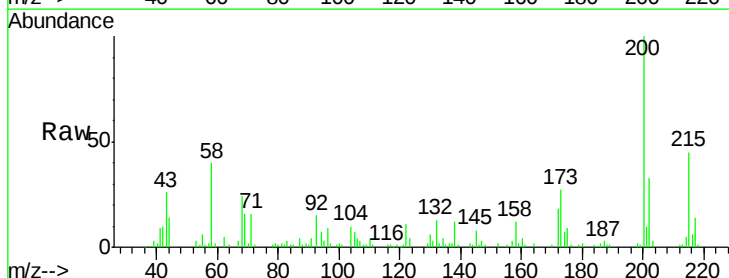


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

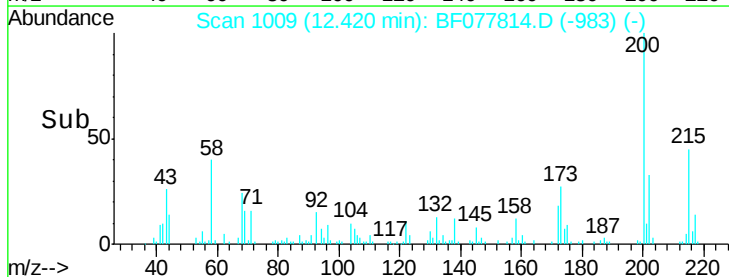
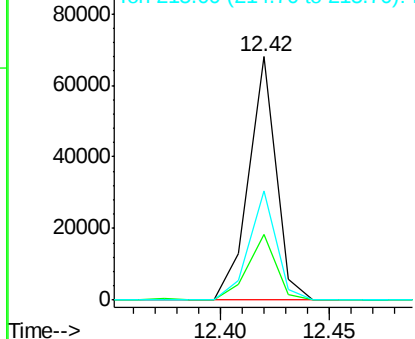


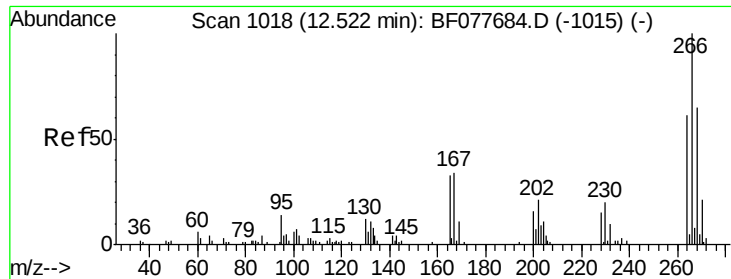
#68
Atrazine
Concen: 44.92 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:200 Resp: 59554
Ion Ratio Lower Upper
200 100
173 27.2 4.8 44.8
215 44.6 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

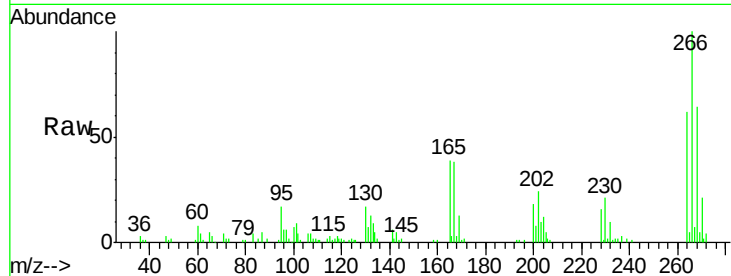




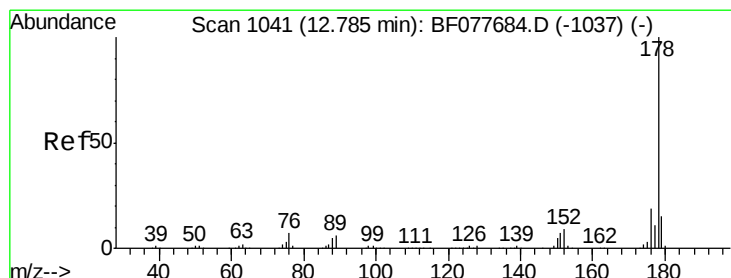
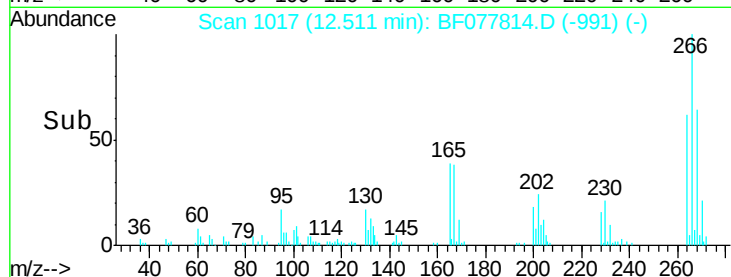
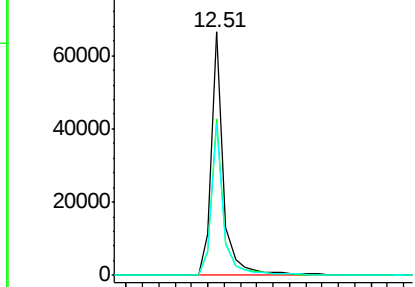
#69
 Pentachlorophenol
 Concen: 80.86 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tgt Ion:266 Resp: 70583
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.0 78.0
 264 62.5 49.0 73.4

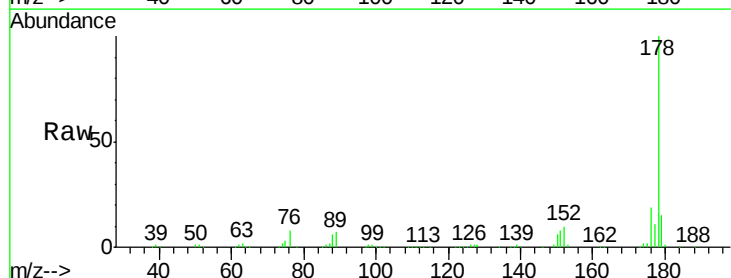


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

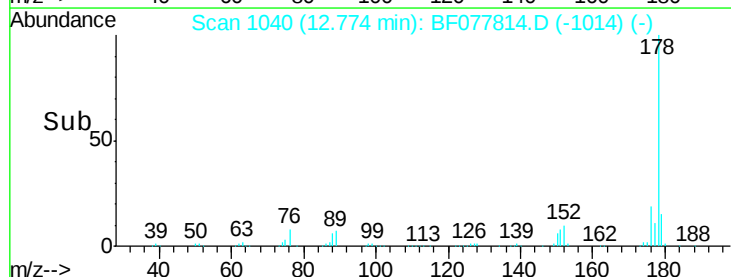
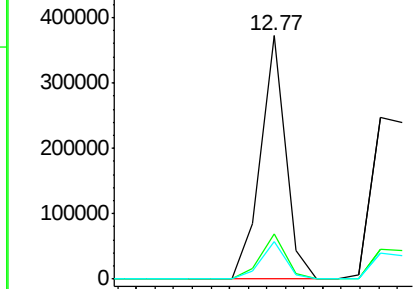


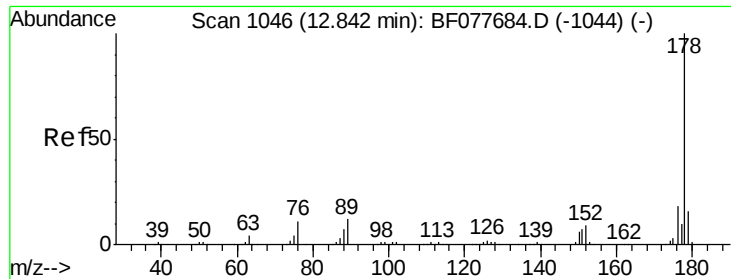
#70
 Phenanthrene
 Concen: 42.25 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:178 Resp: 344605
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.4 12.1 18.1



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

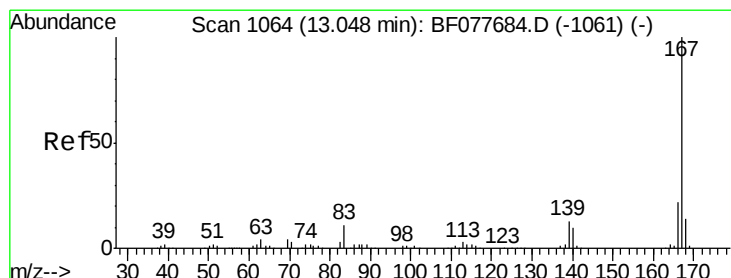
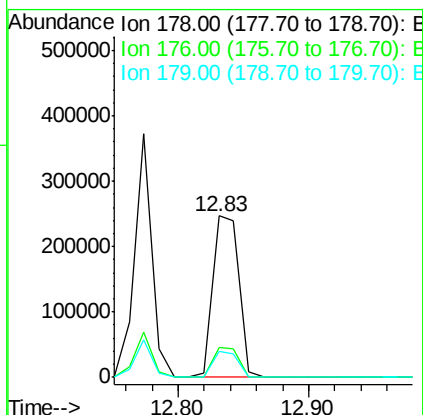
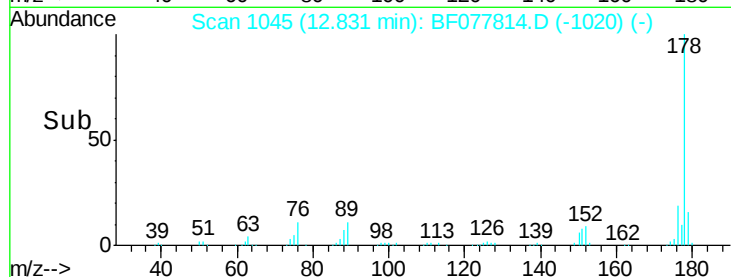
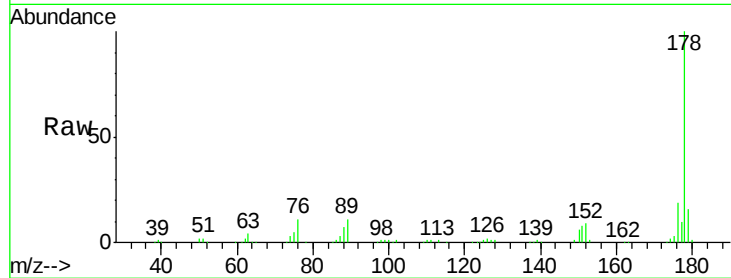




#71
 Anthracene
 Concen: 42.85 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

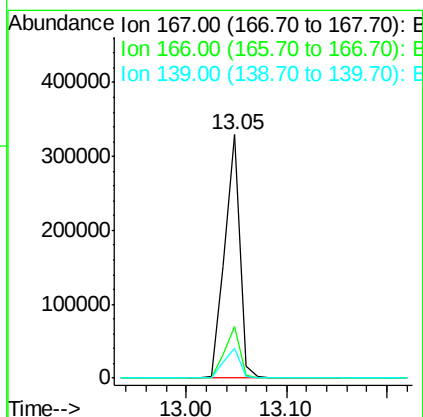
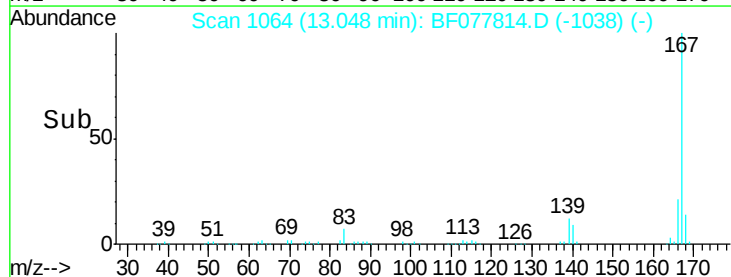
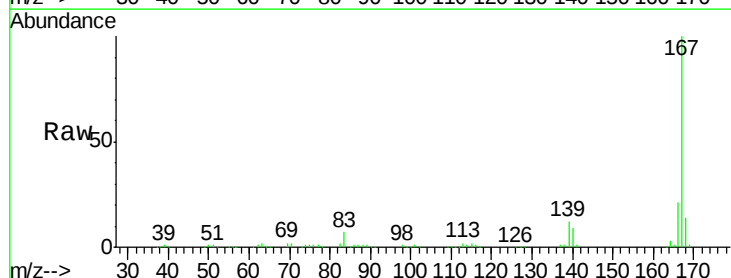
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

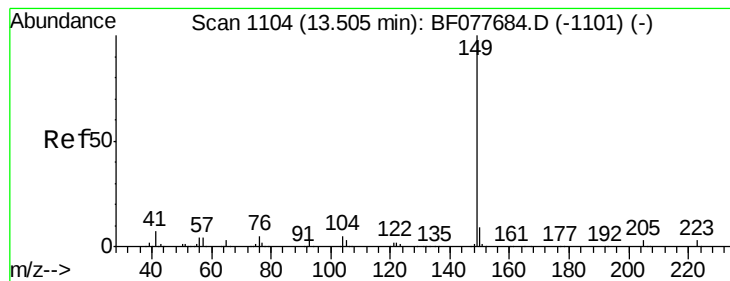
Tgt Ion:178 Resp: 345303
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 45.20 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:167 Resp: 346437
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.17 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

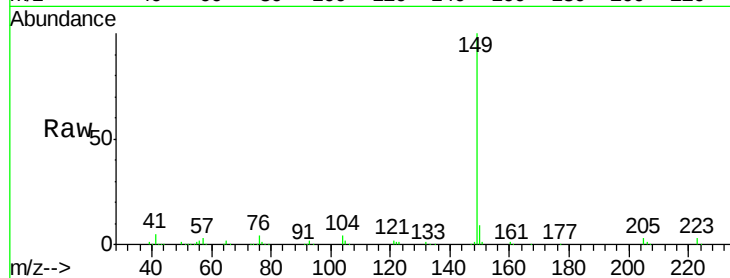
Tgt Ion:149 Resp: 336630

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

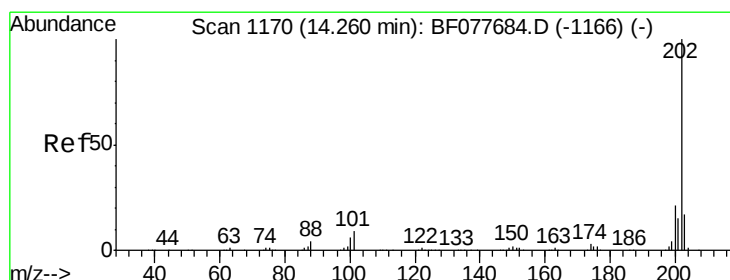
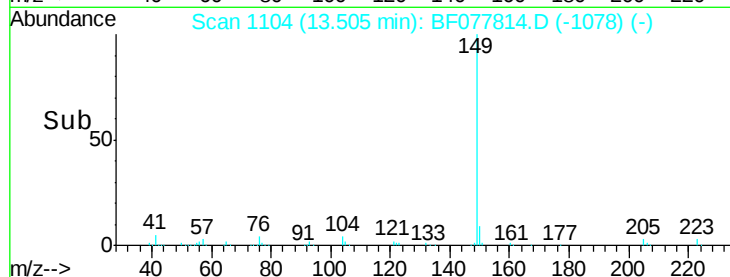
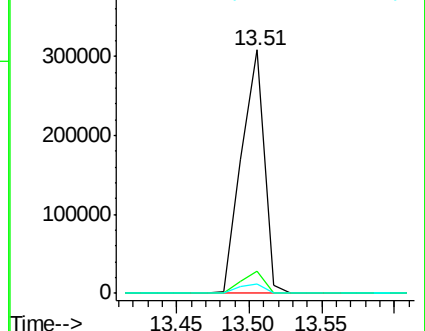
104 3.8 3.7 5.5



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: 42.61 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

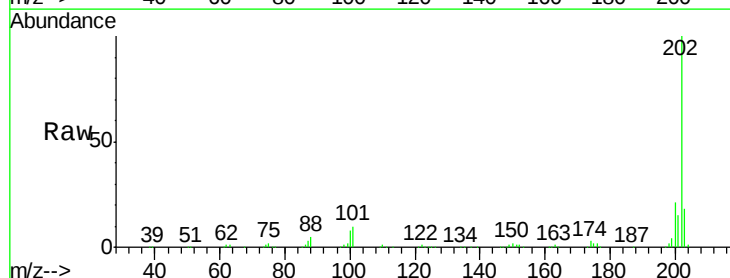
Tgt Ion:202 Resp: 383279

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.7

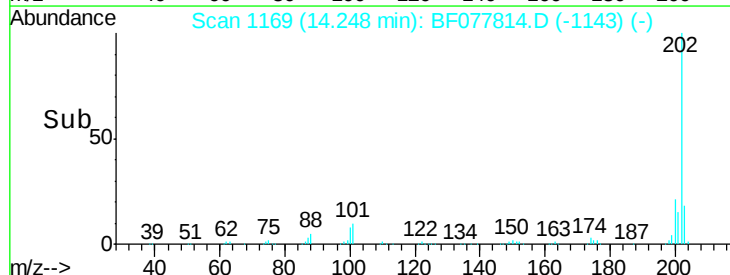
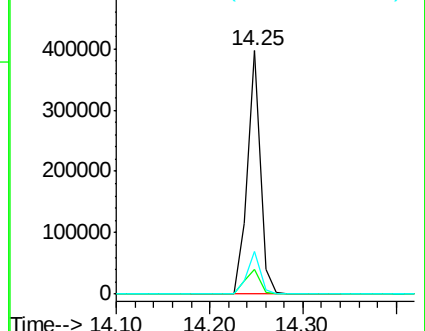
203 17.5 0.0 37.2

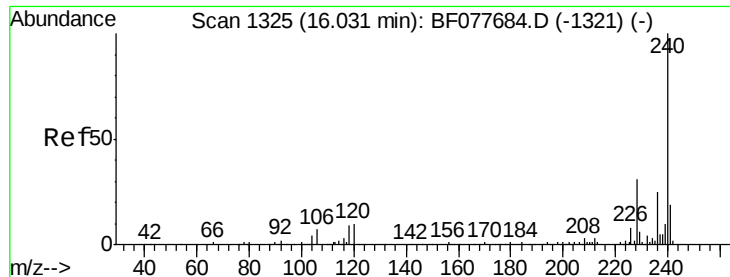


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

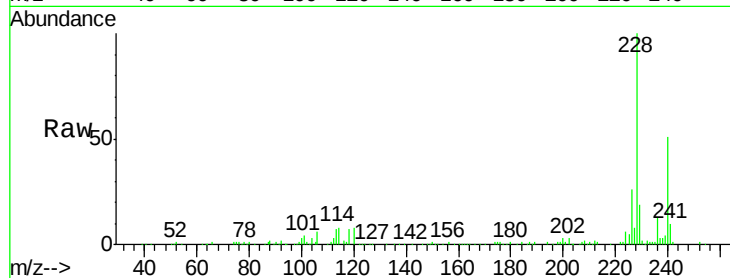




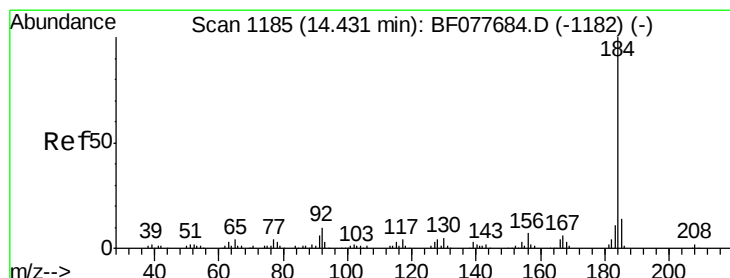
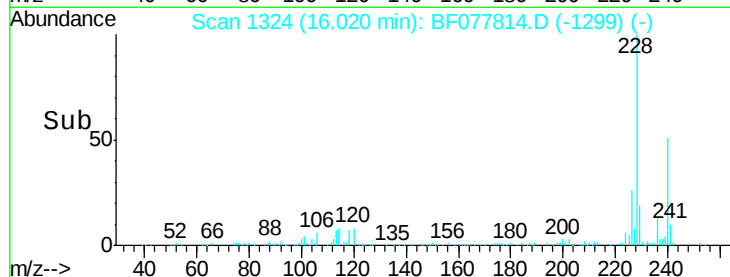
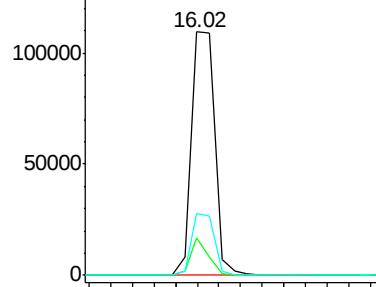
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:240 Resp: 162951
Ion Ratio Lower Upper
240 100
120 15.5 8.2 12.2#
236 25.2 20.0 30.0

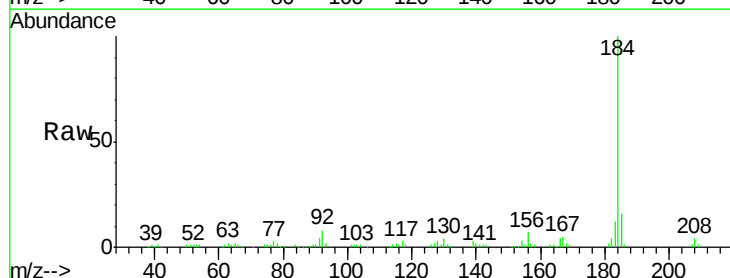


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

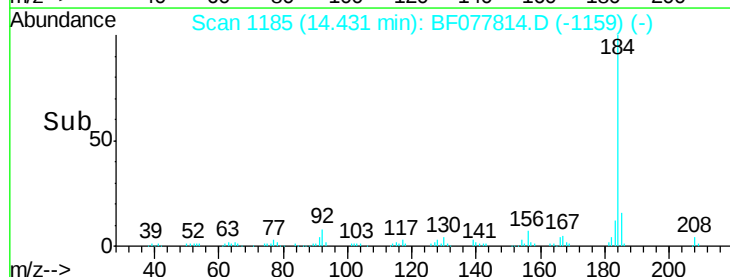
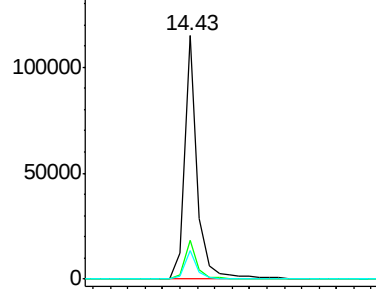


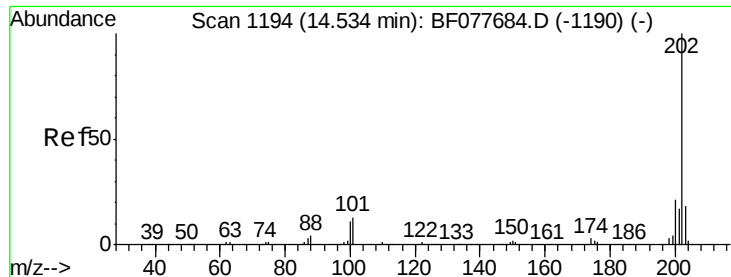
#76
Benzidine
Concen: 28.94 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:184 Resp: 117178
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 11.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

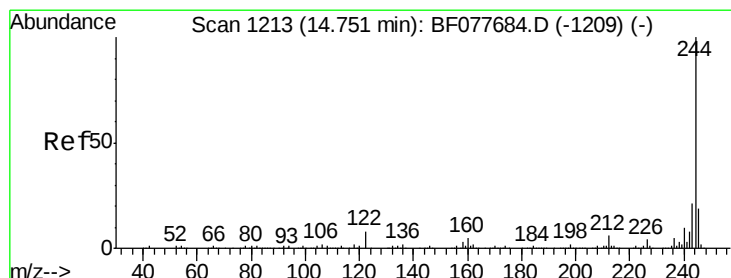
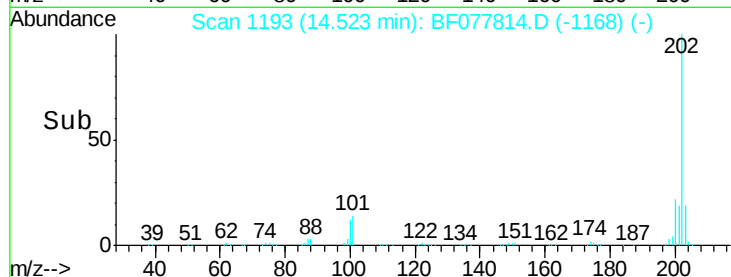
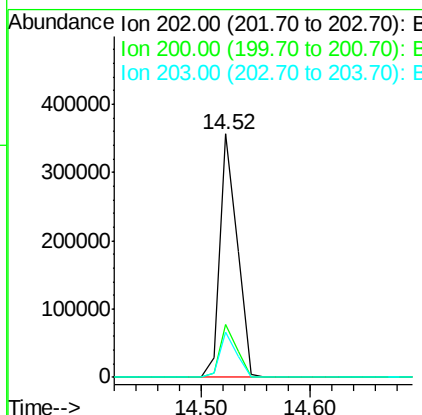
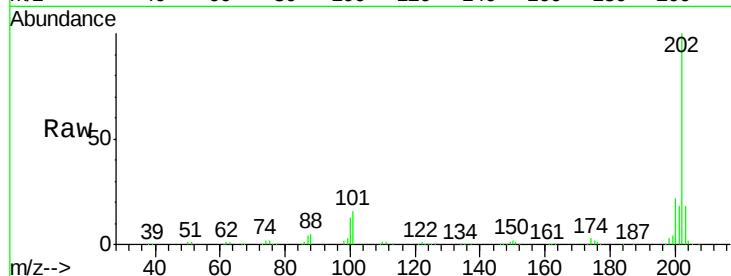




#77
 Pyrene
 Concen: 38.67 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

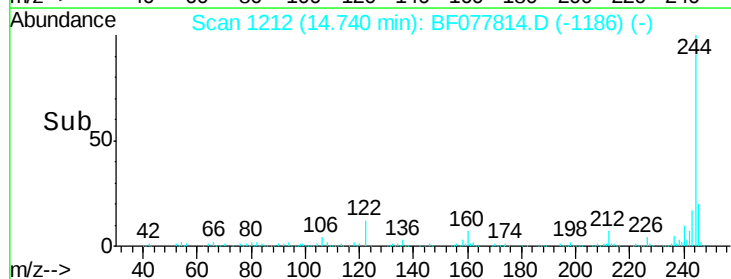
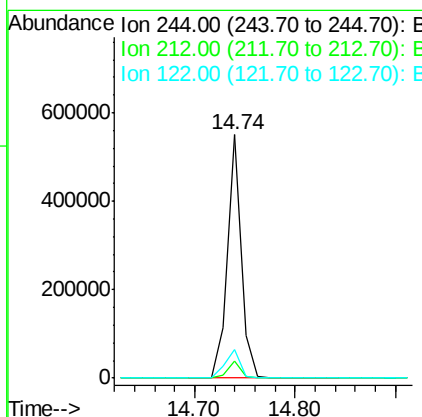
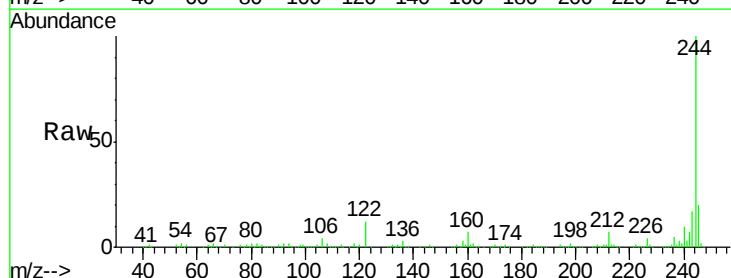
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

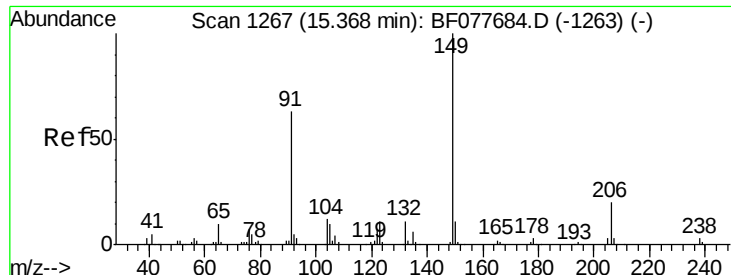
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 78.85 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	11.6	6.2	9.4

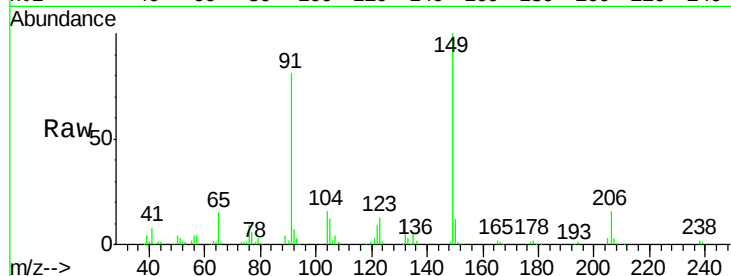




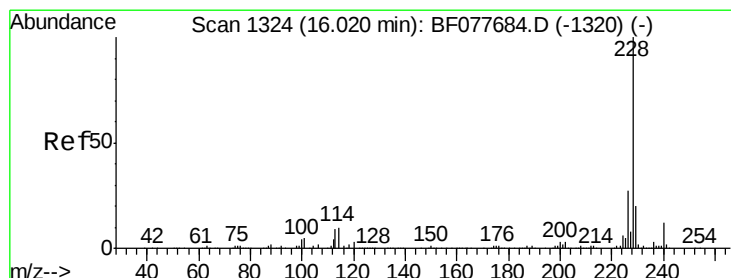
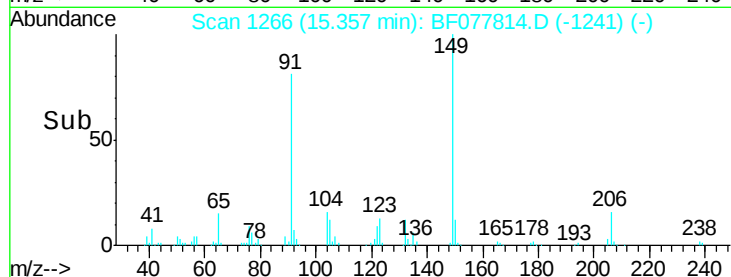
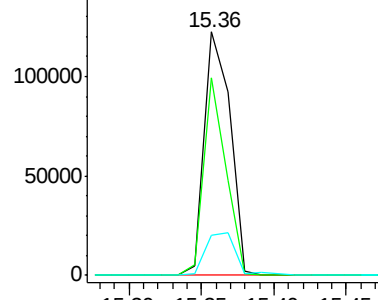
#79
Butylbenzylphthalate
Concen: 37.69 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tgt Ion:149 Resp: 152263
Ion Ratio Lower Upper
149 100
91 81.2 50.1 75.1#
206 16.4 16.2 24.2

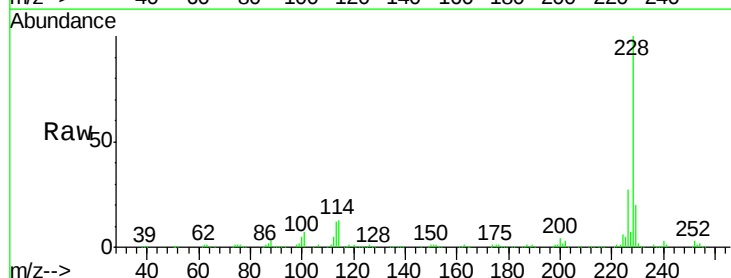


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

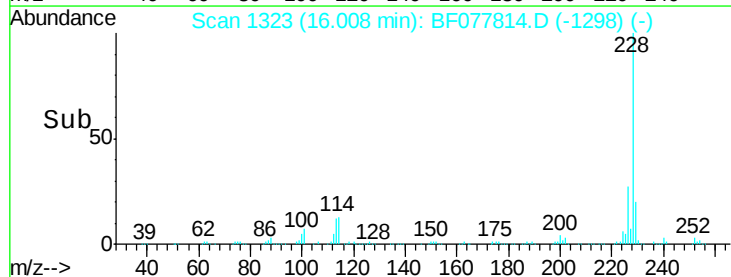
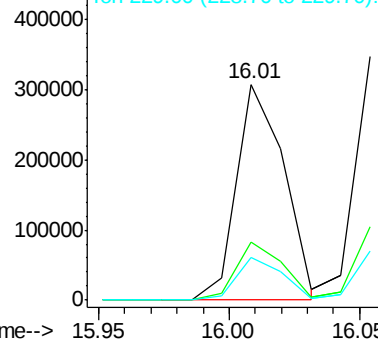


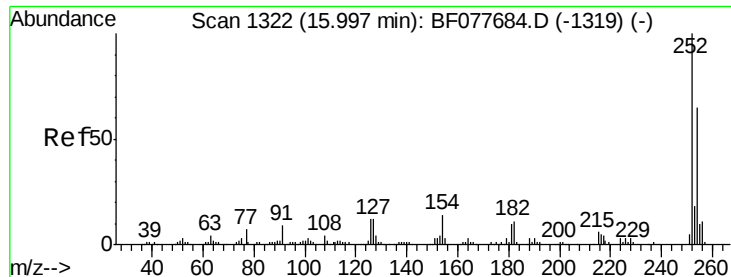
#80
Benzo(a)anthracene
Concen: 40.47 ng
RT: 16.01 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion:228 Resp: 390956
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 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

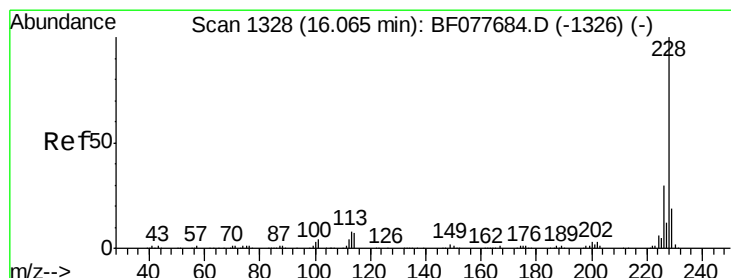
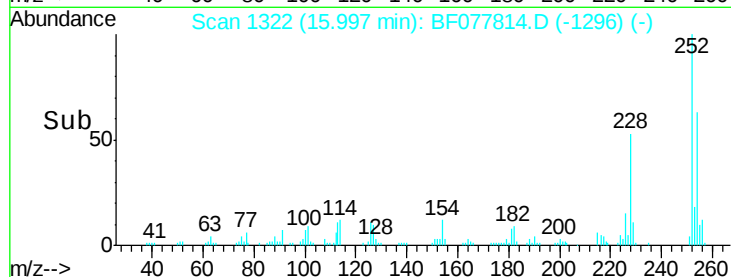
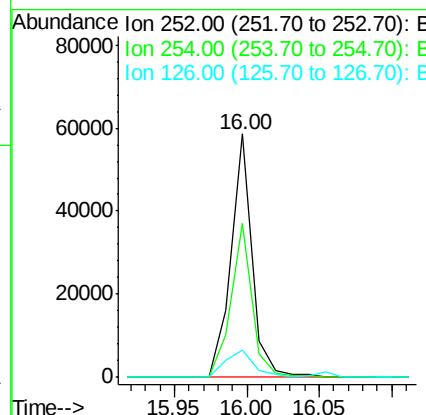
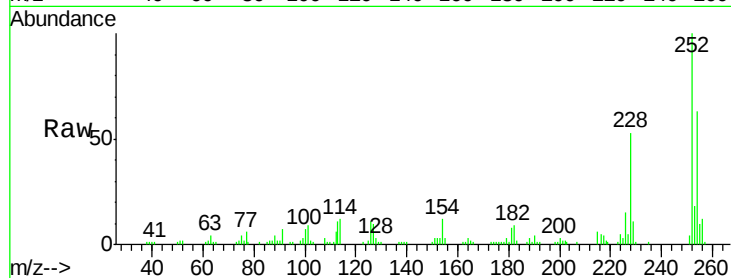




#81
 3,3'-Dichlorobenzidine
 Concen: 18.57 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

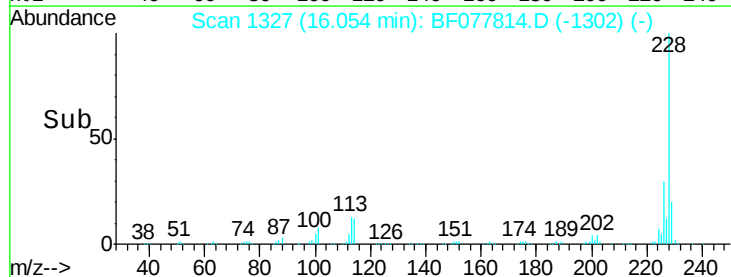
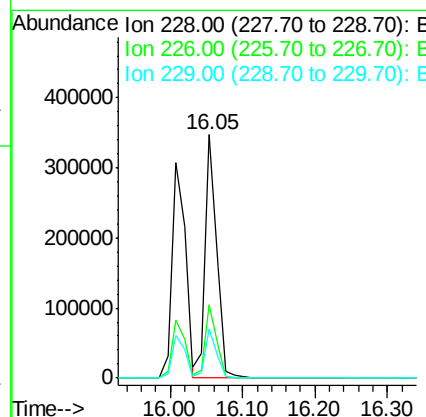
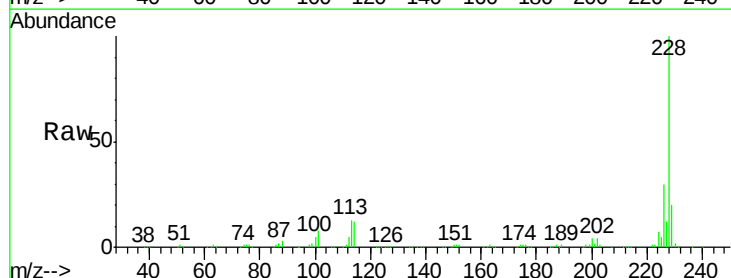
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

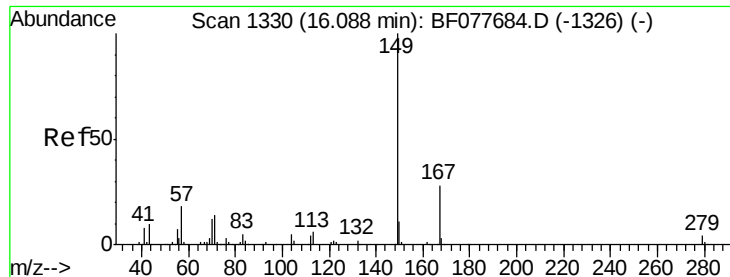
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.9	77.9
126	11.0	9.8	14.8



#82
 Chrysene
 Concen: 44.60 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.3	15.5	23.3

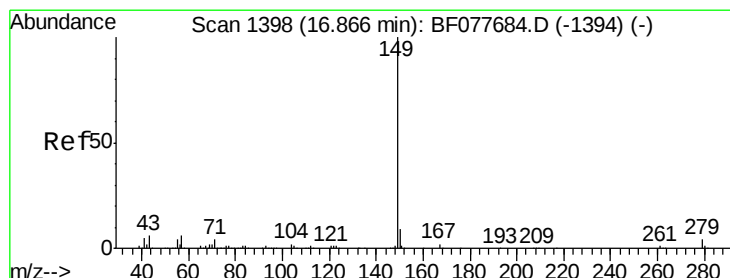
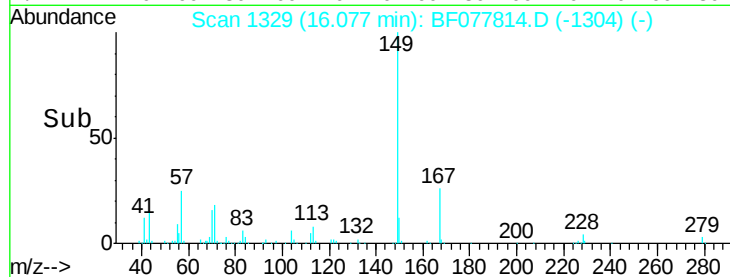
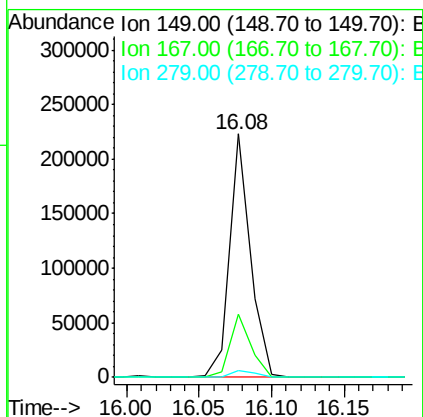
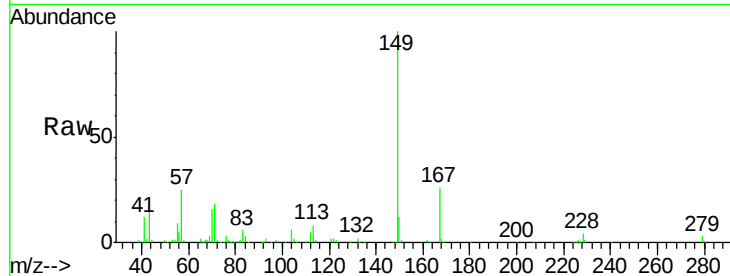




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.52 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

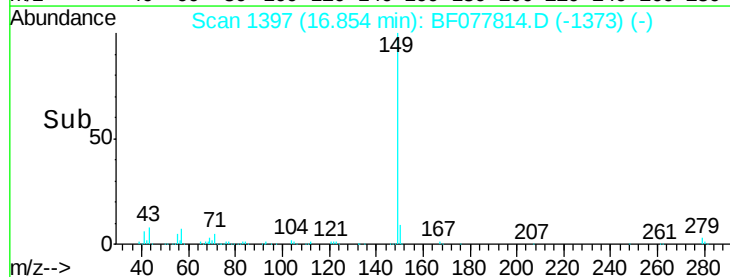
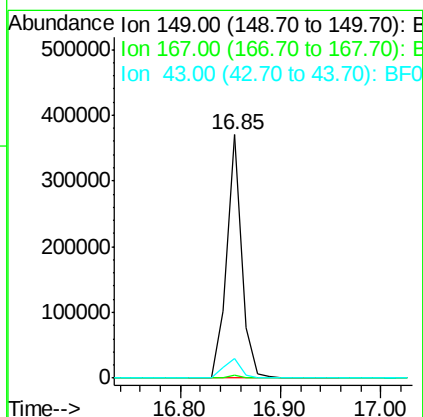
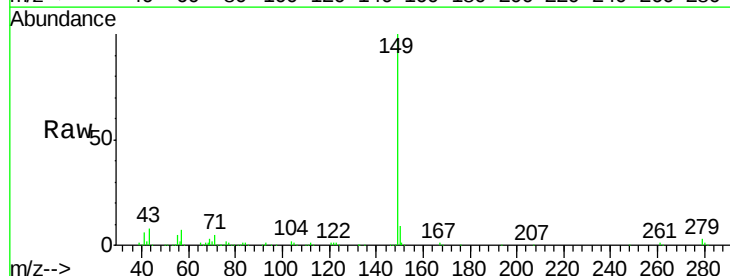
Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

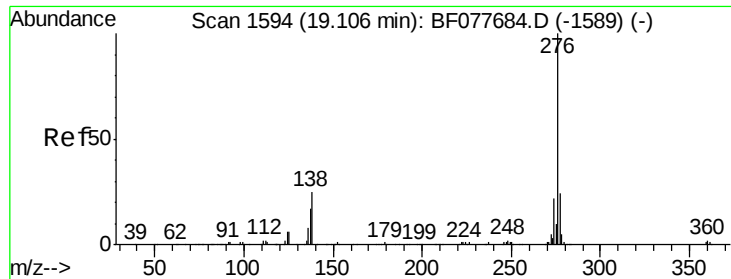
Tgt Ion:149 Resp: 223465
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.4 33.6
 279 2.7 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 36.82 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion:149 Resp: 385323
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.9 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.39 ng

RT: 19.09 min Scan# 1593

Delta R.T. -0.05 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

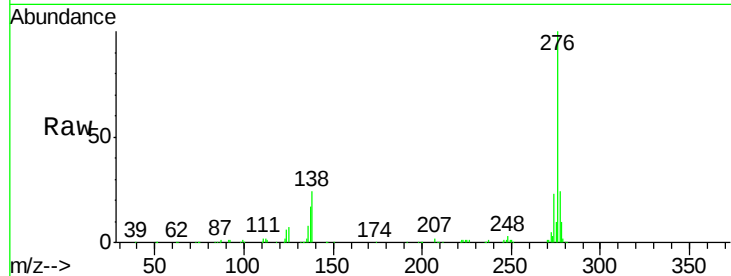
Tgt Ion: 276 Resp: 427057

Ion Ratio Lower Upper

276 100

138 28.7 0.0 0.0#

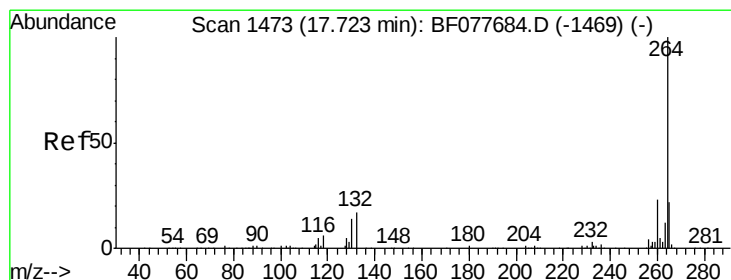
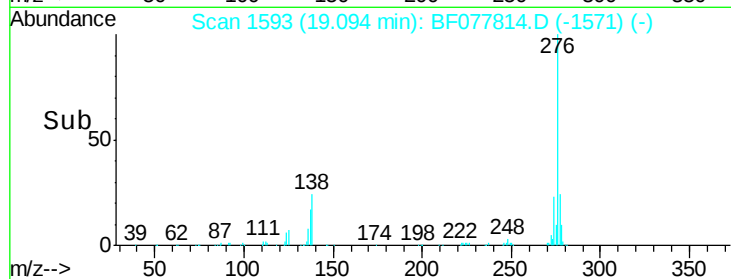
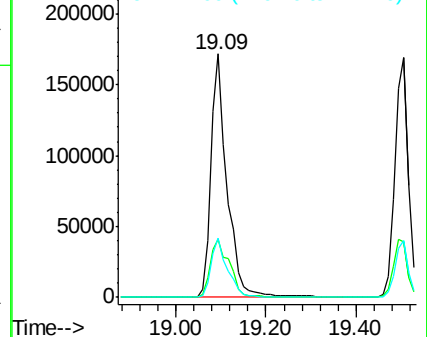
277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1472

Delta R.T. -0.03 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

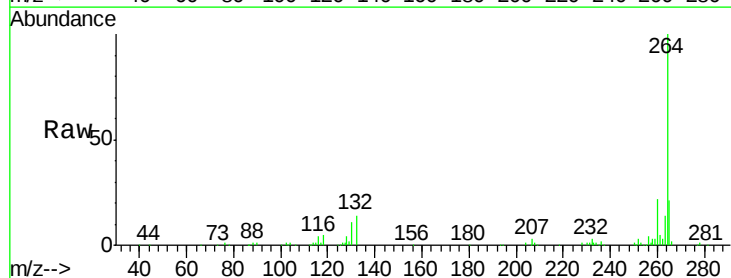
Tgt Ion: 264 Resp: 163194

Ion Ratio Lower Upper

264 100

260 22.0 18.6 27.8

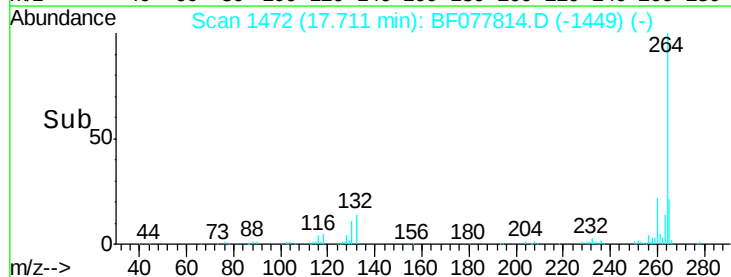
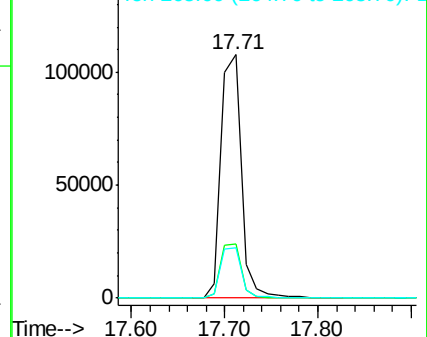
265 20.8 17.3 25.9

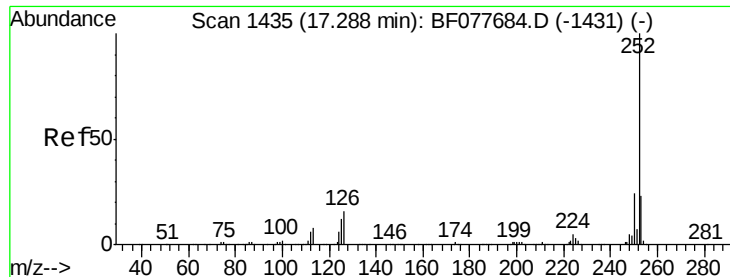


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

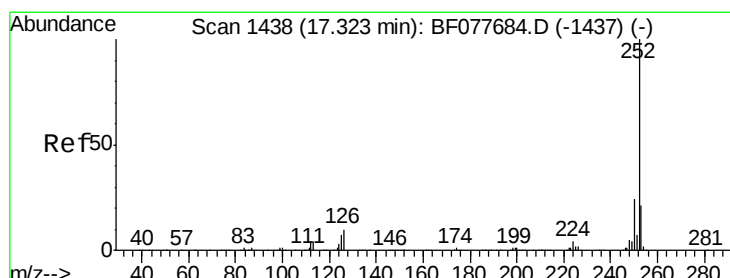
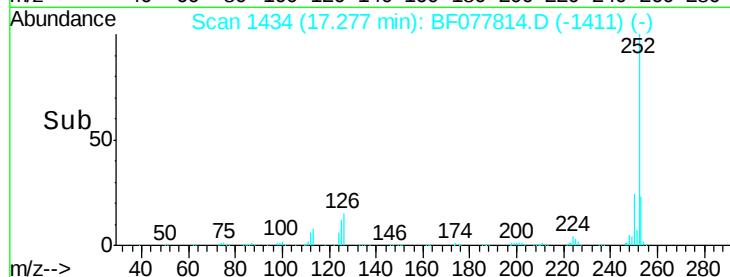
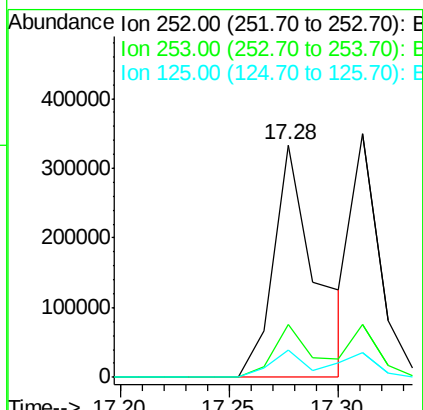
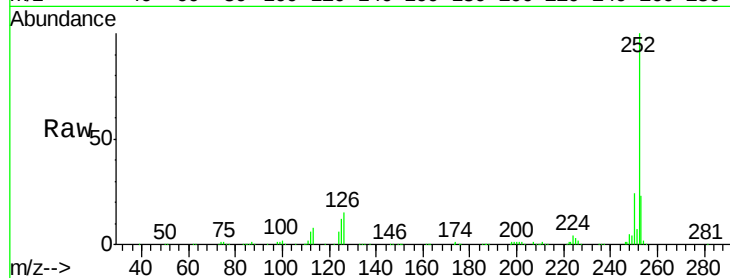




#87
Benzo(b)fluoranthene
Concen: 42.66 ng
RT: 17.28 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

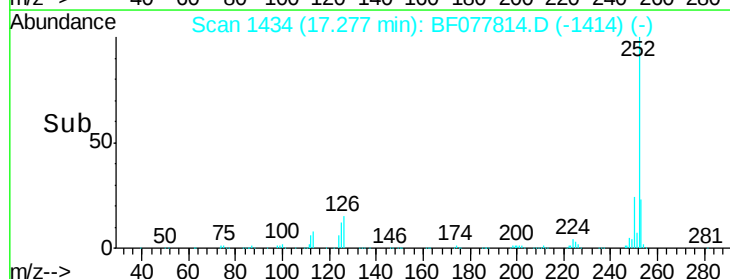
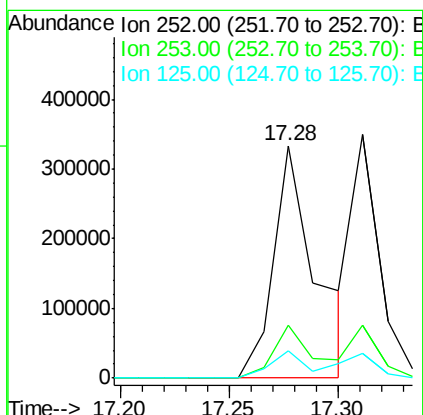
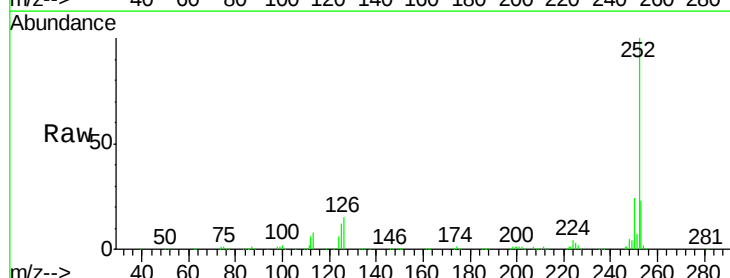
Instrument :
BNA_F
ClientSampleId :
PB82167BS

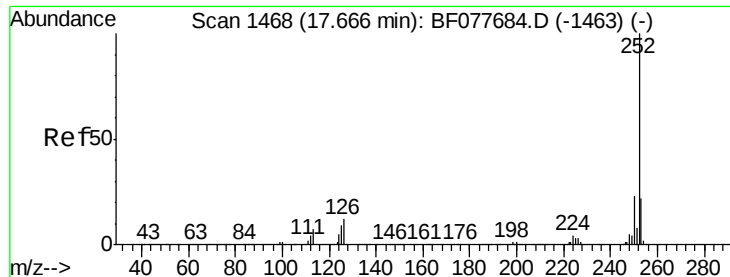
Tgt Ion: 252 Resp: 454480
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.5 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 54.61 ng
RT: 17.28 min Scan# 1434
Delta R.T. -0.07 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion: 252 Resp: 454480
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.5 8.1 12.1





#89

Benzo(a)pyrene

Concen: 42.33 ng

RT: 17.64 min Scan# 1466

Delta R.T. -0.05 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

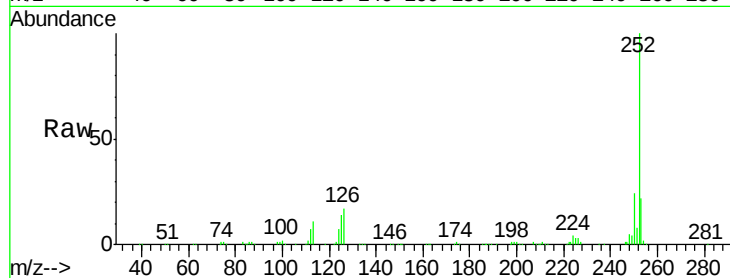
Tgt Ion:252 Resp: 376315

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

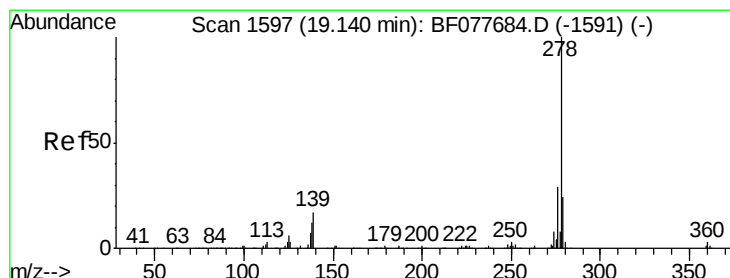
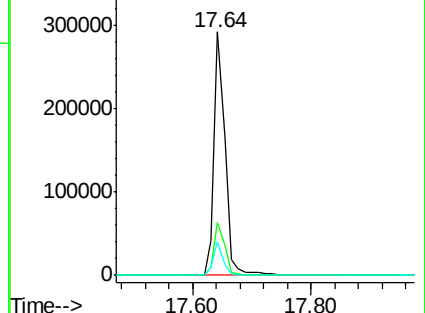
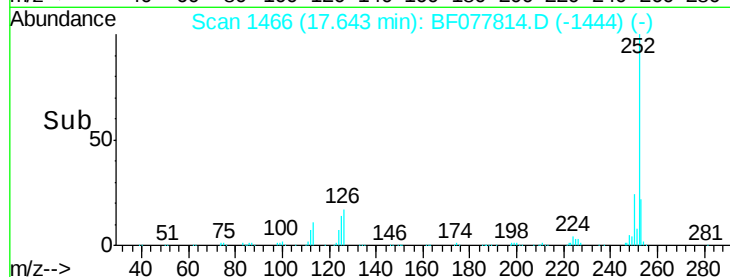
125 13.8 7.4 11.2#



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: 40.38 ng

RT: 19.12 min Scan# 1595

Delta R.T. -0.06 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

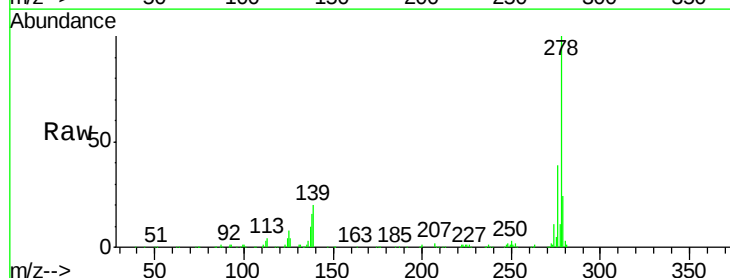
Tgt Ion:278 Resp: 356012

Ion Ratio Lower Upper

278 100

139 20.1 13.4 20.0#

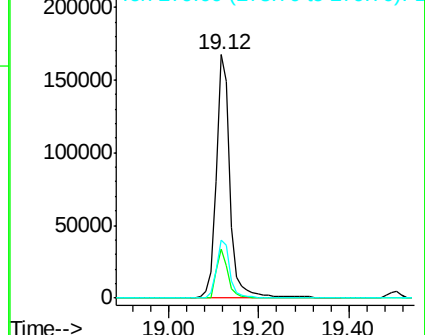
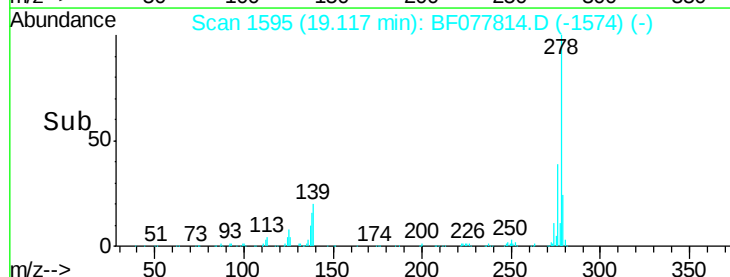
279 23.7 19.0 28.4

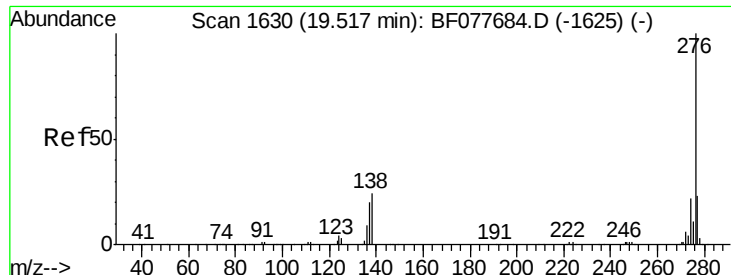


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.10 ng

RT: 19.51 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS

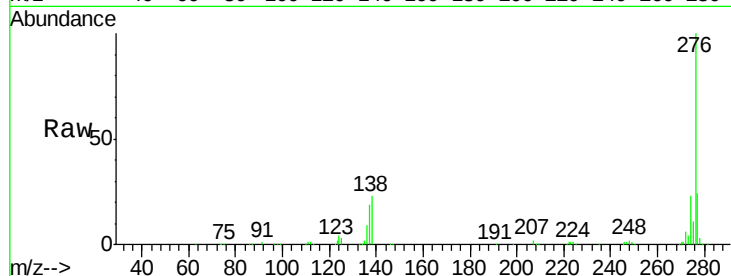
Tgt Ion:276 Resp: 368914

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 23.0 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

