

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077846.D
 Acq On : 19 Mar 2015 22:37
 Operator : TP/IZ
 Sample : PB82188BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Quant Time: Mar 20 01:58:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40557	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	171302	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	88086	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	172020	20.00	ng	0.00
75) Chrysene-d12	16.02	240	187977	20.00	ng	-0.01
86) Perylene-d12	17.72	264	182367	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	283178	121.88	ng	0.01
7) Phenol-d6	6.73	99	333423	116.15	ng	0.00
23) Nitrobenzene-d5	7.85	82	205540	78.65	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	91794	108.92	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	451309	75.30	ng	0.00
78) Terphenyl-d14	14.73	244	540907	70.29	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	32501	30.81	ng	# 100
3) Pyridine	2.75	79	85532	30.18	ng	98
4) n-Nitrosodimethylamine	2.67	42	42045	34.07	ng	90
6) Aniline	6.74	93	78535	19.13	ng	# 44
8) 2-Chlorophenol	6.89	128	109667	39.65	ng	94
9) Benzaldehyde	6.60	77	6799	5.78	ng	96
10) Phenol	6.75	94	127427	37.55	ng	# 73
11) bis(2-Chloroethyl)ether	6.84	93	97644	38.42	ng	89
12) 1,3-Dichlorobenzene	7.07	146	112432	36.55	ng	97
13) 1,4-Dichlorobenzene	7.17	146	114850	35.93	ng	96
14) 1,2-Dichlorobenzene	7.36	146	112919	38.54	ng	98
15) Benzyl Alcohol	7.34	79	84341	37.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	129177	37.71	ng	98
17) 2-Methylphenol	7.49	107	88541	39.33	ng	98
18) Hexachloroethane	7.77	117	37773	36.03	ng	92
19) n-Nitroso-di-n-propylamine	7.68	70	73608	37.07	ng	95
20) 3+4-Methylphenols	7.69	107	110121	37.27	ng	96
22) Acetophenone	7.66	105	145480	38.36	ng	# 94
24) Nitrobenzene	7.87	77	107777	38.28	ng	90
25) Isophorone	8.17	82	187847	35.59	ng	# 93
26) 2-Nitrophenol	8.26	139	48819	35.42	ng	# 78
27) 2,4-Dimethylphenol	8.34	122	97500	38.83	ng	99
28) bis(2-Chloroethoxy)methane	8.45	93	123558	38.57	ng	100
29) 2,4-Dichlorophenol	8.57	162	94374	39.43	ng	97
30) 1,2,4-Trichlorobenzene	8.66	180	93682	34.98	ng	96
31) Naphthalene	8.75	128	306804	34.87	ng	100
32) Benzoic acid	8.45	122	46194	33.95	ng	95
33) 4-Chloroaniline	8.83	127	68707	19.24	ng	# 91
34) Hexachlorobutadiene	8.91	225	52555	34.62	ng	98
35) Caprolactam	9.26	113	27700	39.60	ng	89
36) 4-Chloro-3-methylphenol	9.45	107	91684	38.07	ng	87
37) 2-Methylnaphthalene	9.62	142	214692	36.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	93527	35.60	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	89872	68.79	ng	98

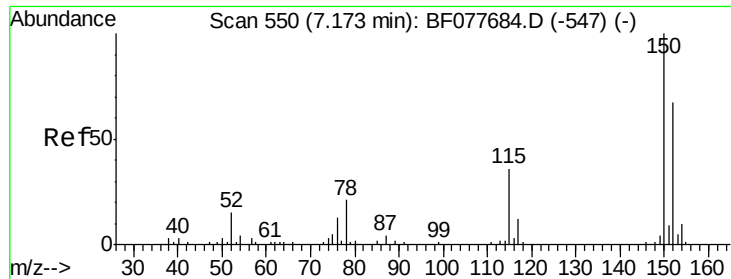
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077846.D
 Acq On : 19 Mar 2015 22:37
 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	65712	36.11	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	71417	36.32	nq	# 92
45) 1,1'-Biphenyl	10.19	154	249317	35.41	nq	97
46) 2-Chloronaphthalene	10.21	162	197908	34.58	nq	# 93
47) 2-Nitroaniline	10.35	65	56785	39.96	nq	97
48) Acenaphthylene	10.73	152	329142	34.59	nq	99
49) Dimethylphthalate	10.59	163	242517	37.12	nq	99
50) 2,6-Dinitrotoluene	10.66	165	52525	38.78	nq	94
51) Acenaphthene	10.93	154	186591	34.20	nq	99
52) 3-Nitroaniline	10.86	138	38948	24.76	nq	96
53) 2,4-Dinitrophenol	11.00	184	38060	76.85	nq	# 63
54) Dibenzofuran	11.15	168	285483	35.28	nq	92
55) 4-Nitrophenol	11.09	139	90563	77.73	nq	92
56) 2,4-Dinitrotoluene	11.15	165	69547	39.38	nq	97
57) Fluorene	11.57	166	235602	35.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	11.31	232	59186	39.09	nq	# 100
59) Diethylphthalate	11.46	149	229336	36.03	nq	96
60) 4-Chlorophenyl-phenylether	11.59	204	107632	35.10	nq	# 84
61) 4-Nitroaniline	11.62	138	58794	37.51	nq	90
62) Azobenzene	11.78	77	220175	36.19	nq	90
64) 4,6-Dinitro-2-methylphenol	11.65	198	29422	37.28	nq	93
65) n-Nitrosodiphenylamine	11.75	169	206635	36.08	nq	99
66) 4-Bromophenyl-phenylether	12.19	248	63647	34.67	nq	# 79
67) Hexachlorobenzene	12.25	284	70023	34.71	nq	# 81
68) Atrazine	12.42	200	67342	41.95	nq	99
69) Pentachlorophenol	12.51	266	72253	68.84	nq	97
70) Phenanthrene	12.76	178	349373	35.38	nq	99
71) Anthracene	12.83	178	367286	37.65	nq	99
72) Carbazole	13.04	167	349234	37.63	nq	100
73) Di-n-butylphthalate	13.49	149	390664	37.54	nq	99
74) Fluoranthene	14.24	202	399249	36.65	nq	94
76) Benzidine	14.43	184	151915	32.58	nq	99
77) Pyrene	14.52	202	423563	35.83	nq	100
79) Butylbenzylphthalate	15.36	149	173572	37.24	nq	98
80) Benzo(a)anthracene	16.01	228	397102	35.64	nq	100
81) 3,3'-Dichlorobenzidine	15.99	252	80802	21.98	nq	# 97
82) Chrysene	16.05	228	384950	38.42	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	253797	35.95	nq	98
84) Di-n-octyl phthalate	16.85	149	427479	35.41	nq	100
85) Indeno(1,2,3-cd)pyrene	19.11	276	440677	35.24	nq	# 100
87) Benzo(b)fluoranthene	17.29	252	390559	32.80	nq	97
88) Benzo(k)fluoranthene	17.32	252	405350m	43.59	nq	
89) Benzo(a)pyrene	17.67	252	388798	39.14	nq	98
90) Dibenzo(a,h)anthracene	19.14	278	364146	36.96	nq	99
91) Benzo(g,h,i)perylene	19.52	276	371608	37.05	nq	99

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

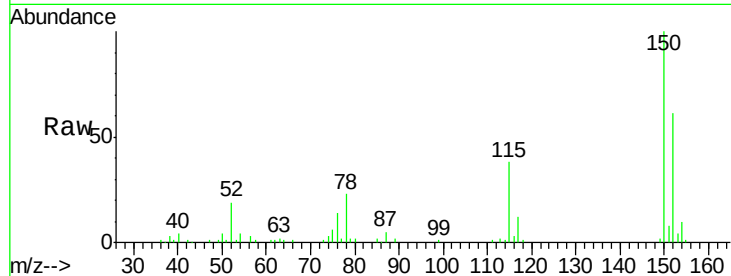


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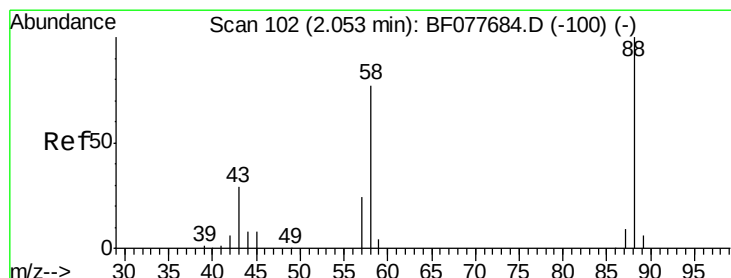
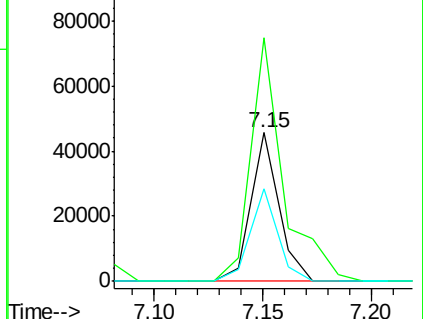
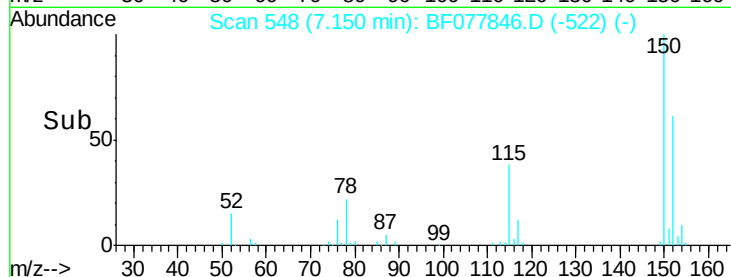
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:152 Resp: 40557
Ion Ratio Lower Upper
152 100
150 164.1 119.5 179.3
115 62.5 43.0 64.4



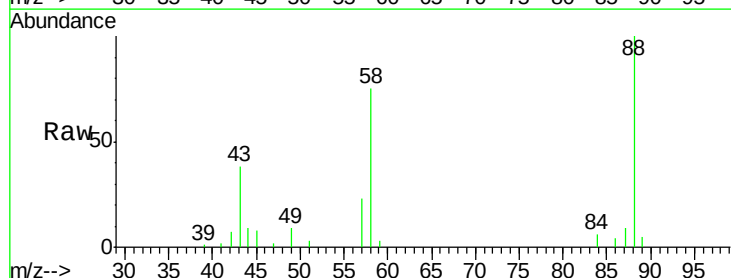
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



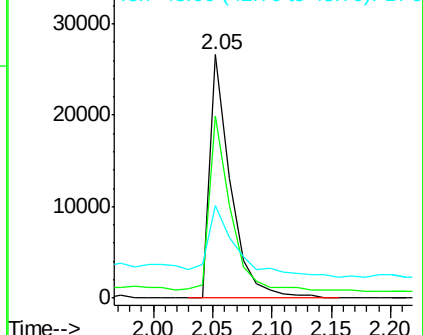
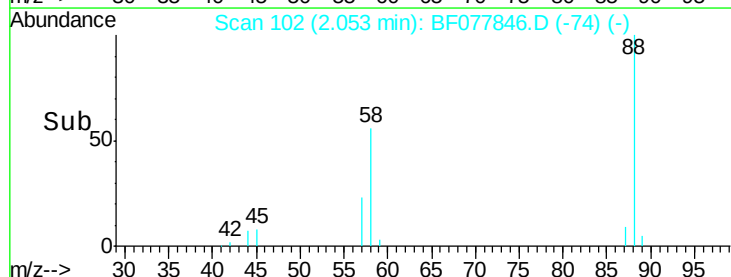
#2

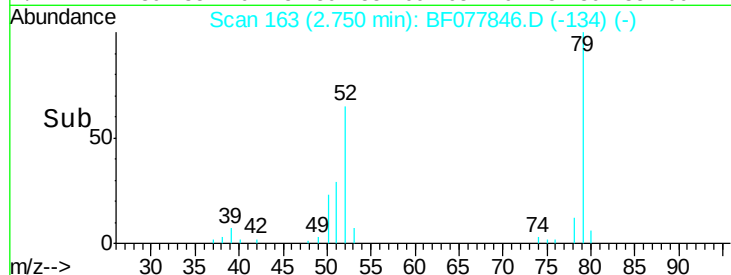
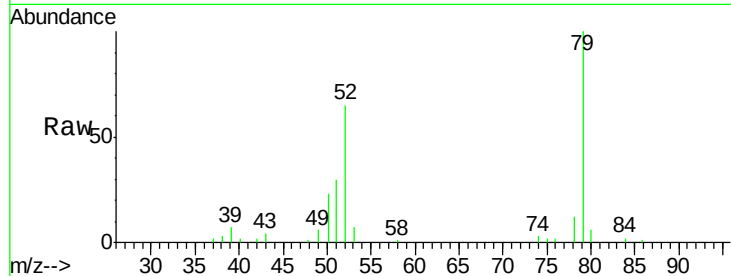
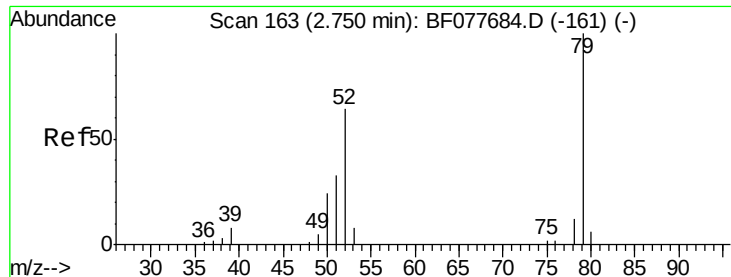
1,4-Dioxane
Concen: 30.81 ng
RT: 2.05 min Scan# 102
Delta R.T. 0.02 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion: 88 Resp: 32501
Ion Ratio Lower Upper
88 100
58 81.6 0.0 0.0#
43 40.4 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

Pvridine

Concen: 30.18 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.03 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

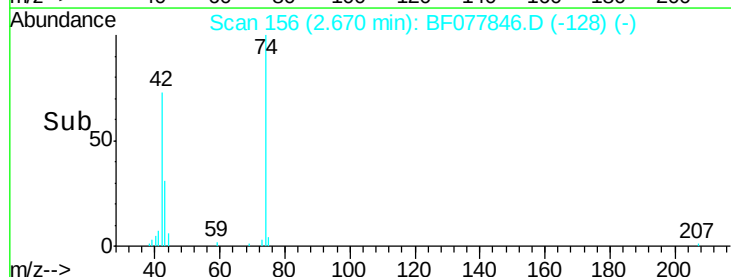
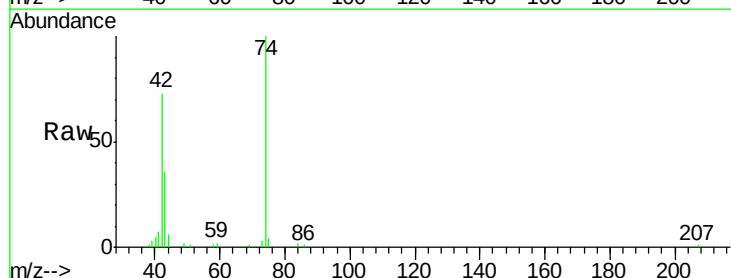
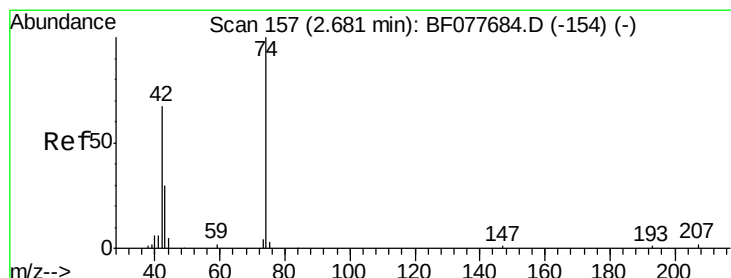
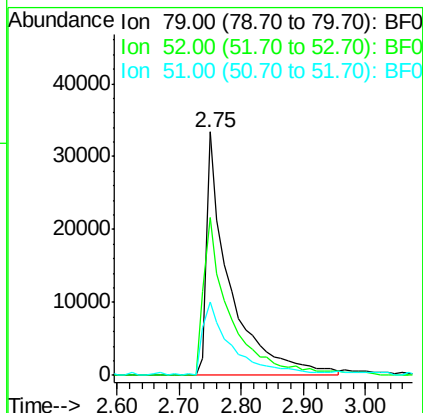
Tot Ion: 79 Resp: 85532

Ion Ratio Lower Upper

79 100

52 64.6 51.1 76.7

51 30.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 34.07 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

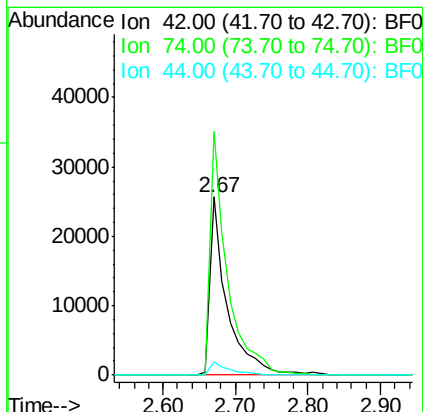
Tgt Ion: 42 Resp: 42045

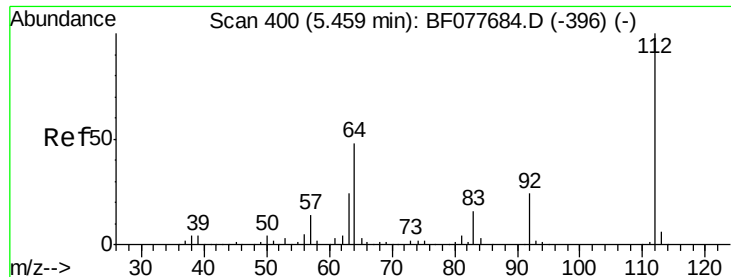
Ion Ratio Lower Upper

42 100

74 136.6 119.3 178.9

44 7.7 5.4 8.2





#5

2-Fluorophenol

Concen: 121.88 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

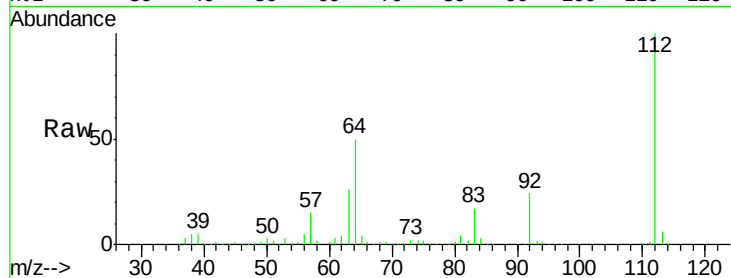
Tot Ion:112 Resp: 283178

Ion Ratio Lower Upper

112 100

64 50.1 38.6 57.8

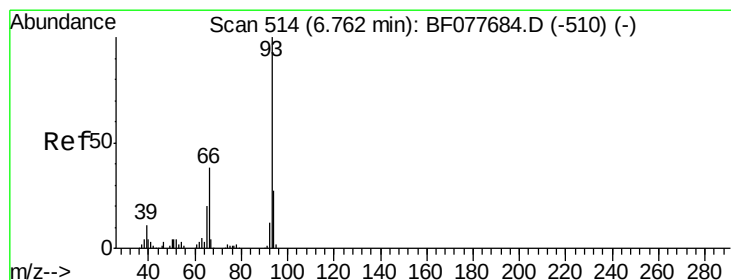
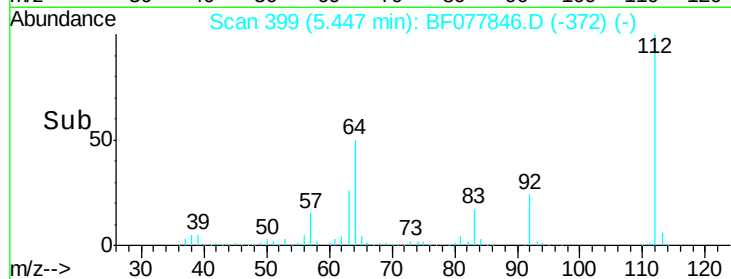
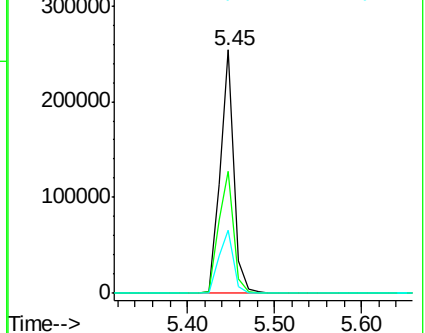
63 25.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.13 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

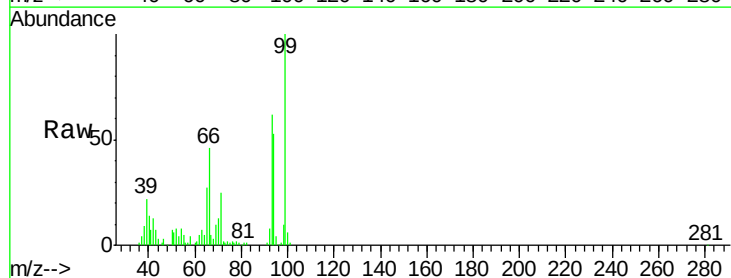
Tgt Ion: 93 Resp: 78535

Ion Ratio Lower Upper

93 100

66 73.6 30.8 46.2#

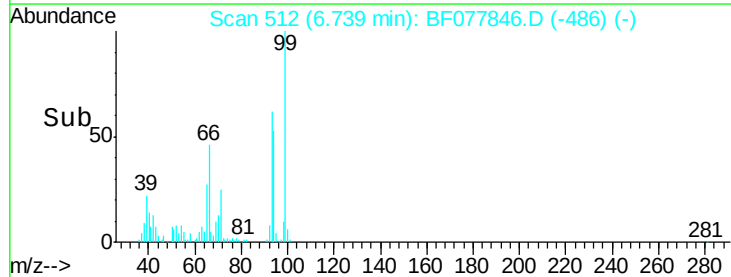
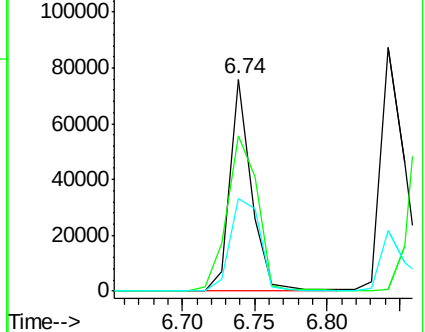
65 43.6 16.0 24.0#

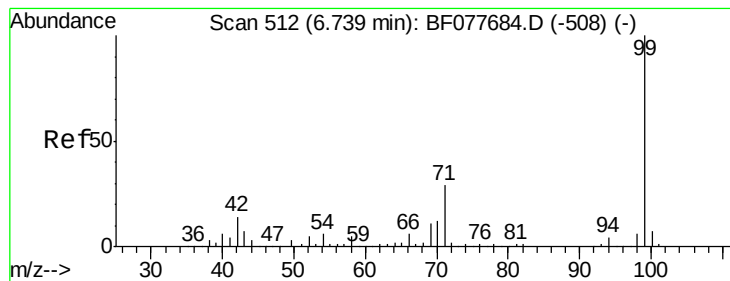


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.15 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

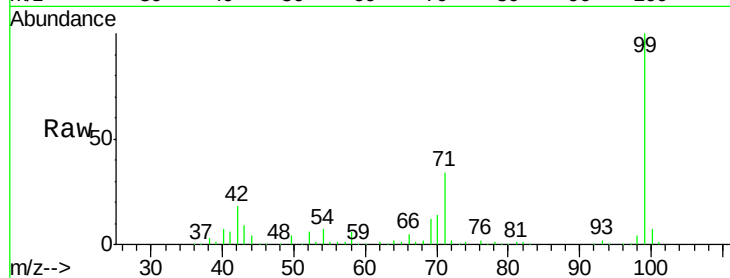
Tot Ion: 99 Resp: 333423

Ion Ratio Lower Upper

99 100

42 17.5 11.0 16.4#

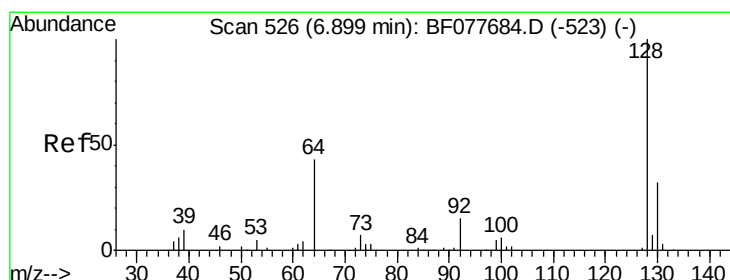
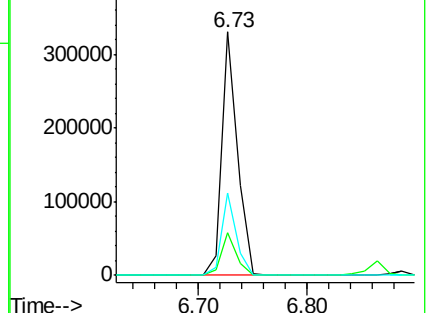
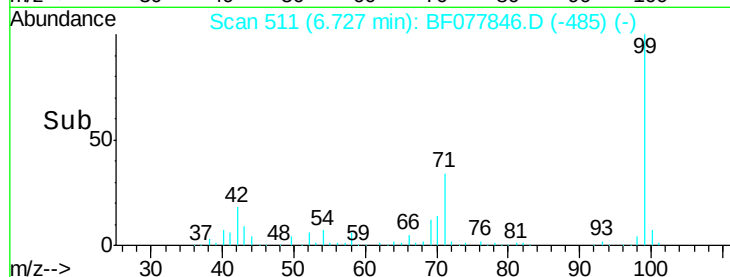
71 34.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.65 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

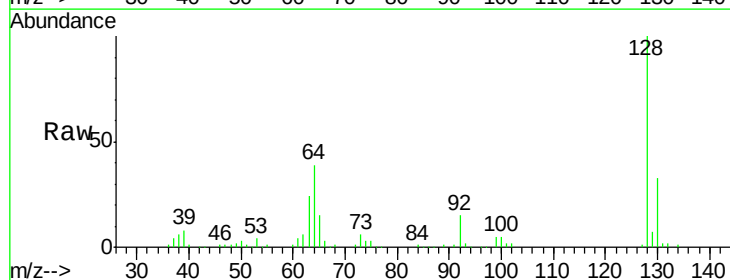
Tgt Ion: 128 Resp: 109667

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

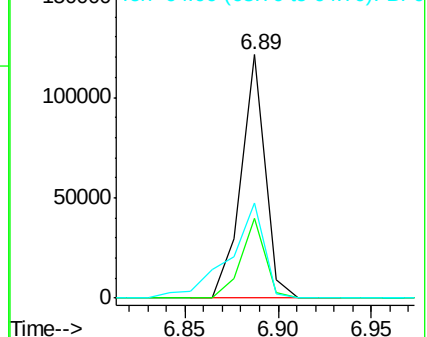
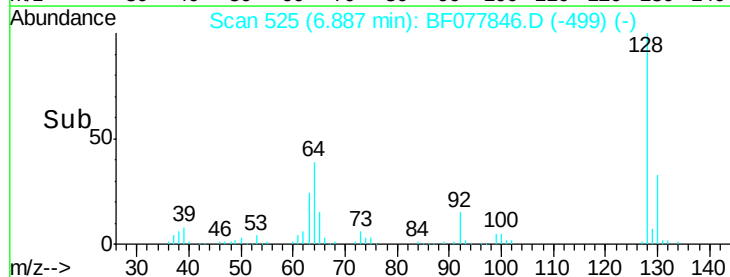
64 39.1 24.9 64.9

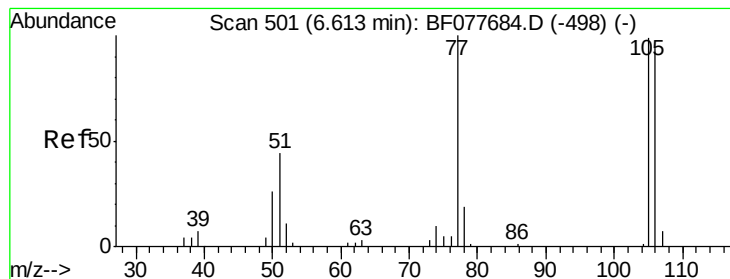


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.78 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

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PB82188BS

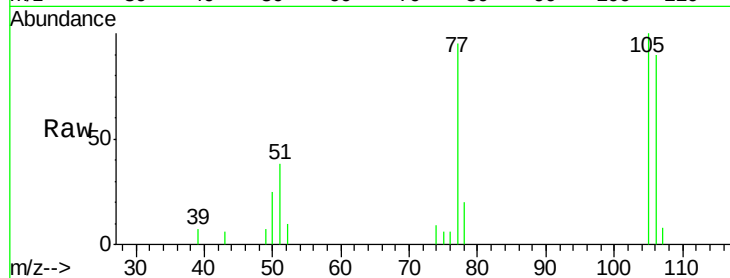
Tot Ion: 77 Resp: 6799

Ion Ratio Lower Upper

77 100

105 105.3 78.8 118.8

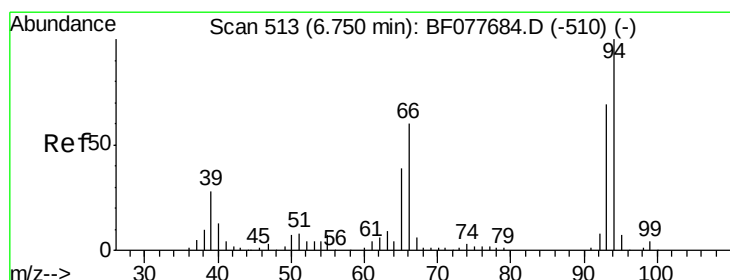
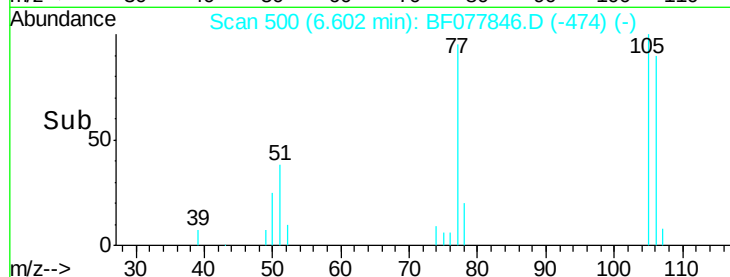
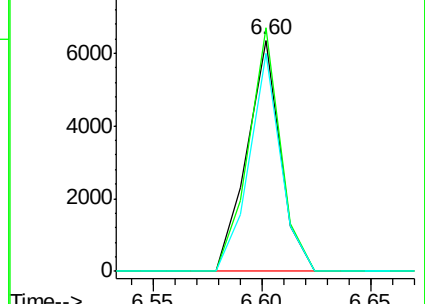
106 94.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.55 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

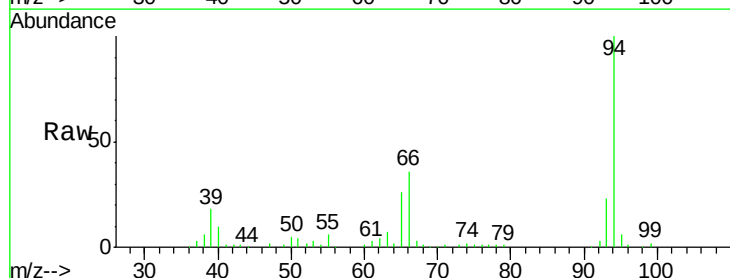
Tgt Ion: 94 Resp: 127427

Ion Ratio Lower Upper

94 100

65 26.0 18.8 58.8

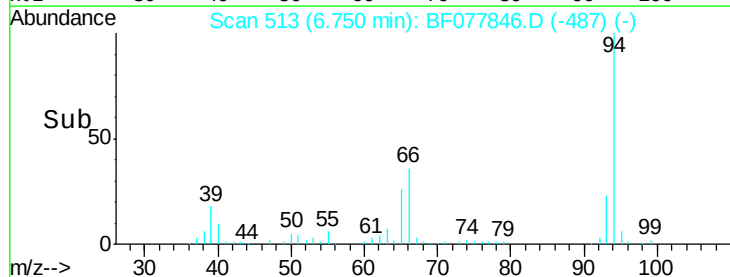
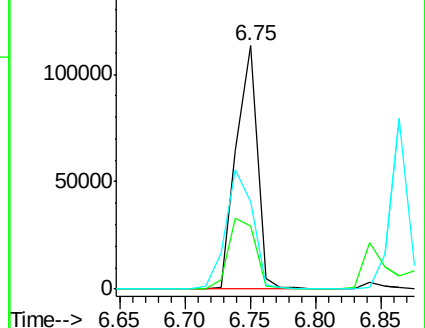
66 36.1 39.9 79.9#

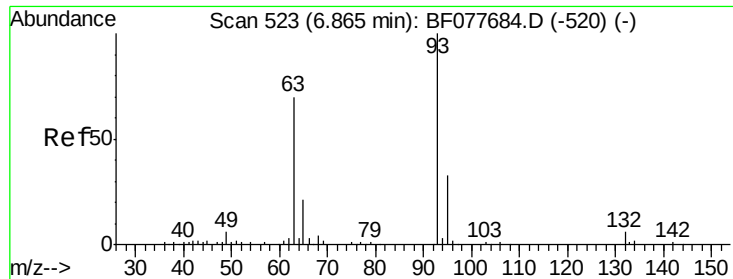


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.42 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

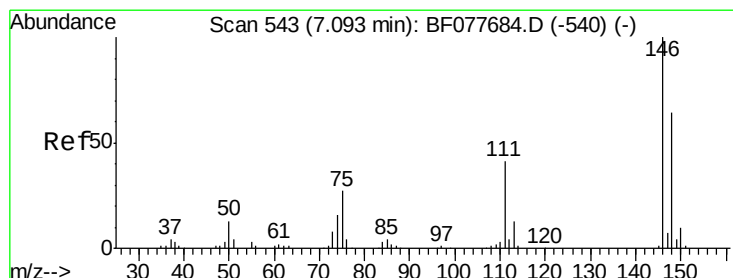
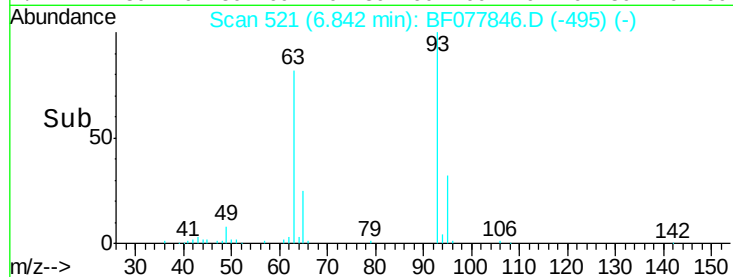
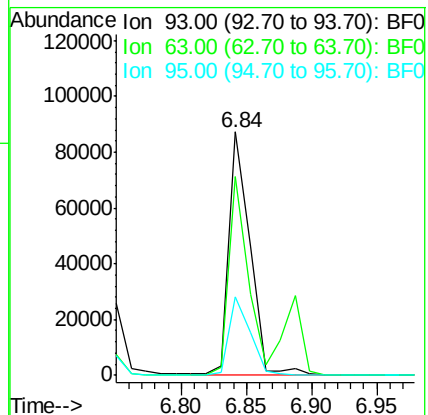
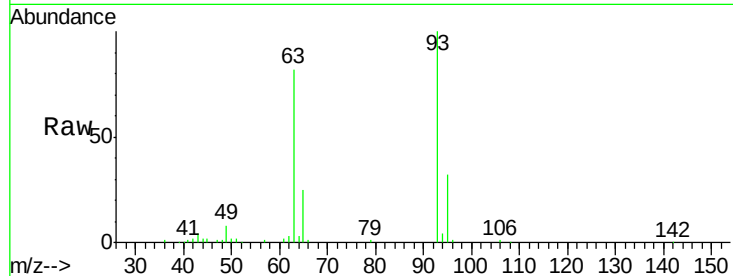
Tot Ion: 93 Resp: 97644

Ion Ratio Lower Upper

93 100

63 81.6 49.5 89.5

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 36.55 ng

RT: 7.07 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

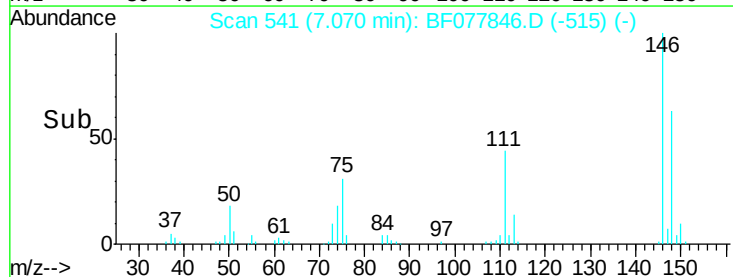
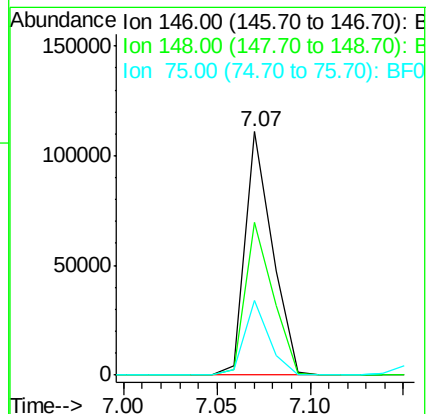
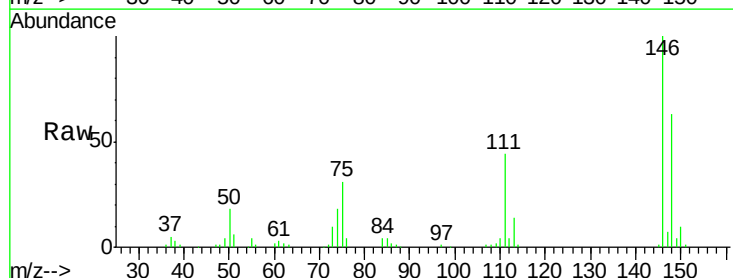
Tgt Ion: 146 Resp: 112432

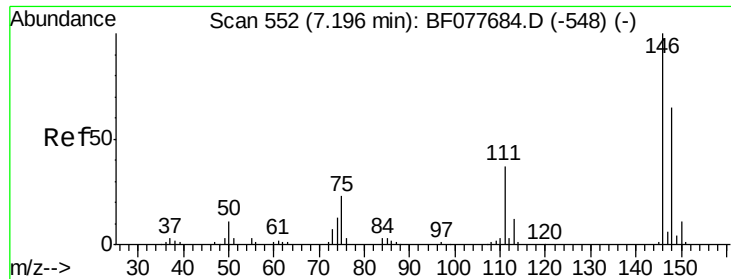
Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

75 30.8 21.4 32.2

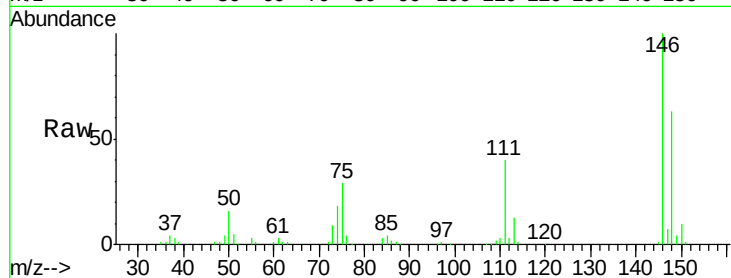




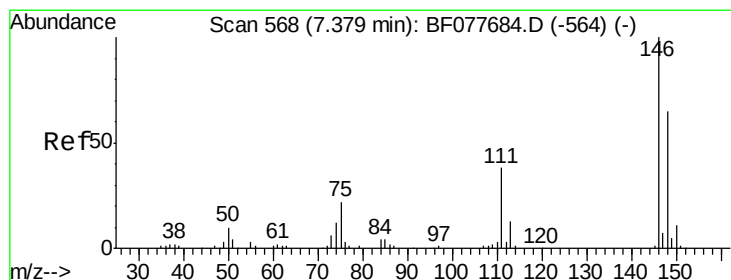
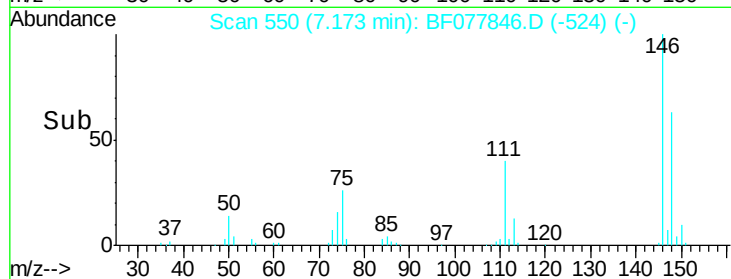
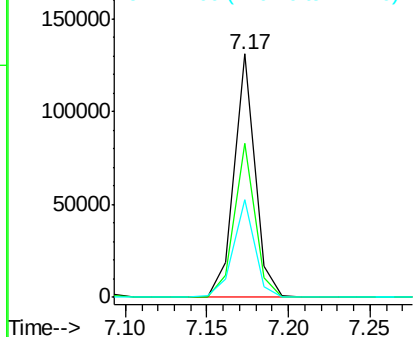
#13
 1,4-Dichlorobenzene
 Concen: 35.93 ng
 RT: 7.17 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:146 Resp: 114850
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 40.0 29.2 43.8

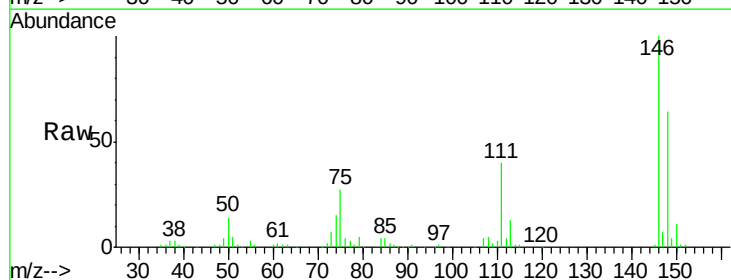


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

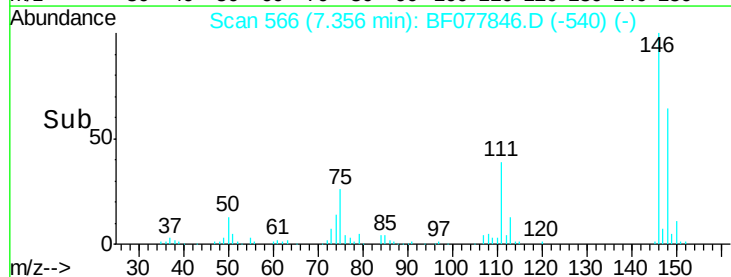
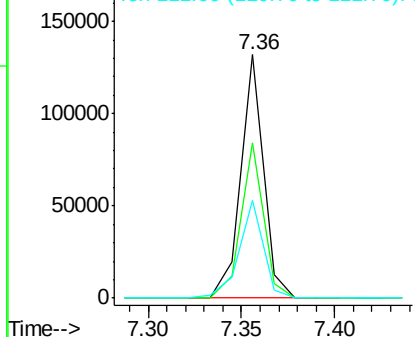


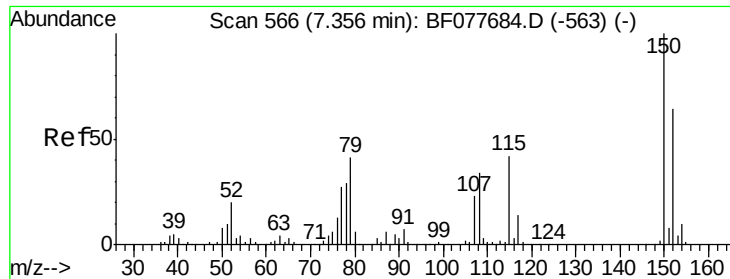
#14
 1,2-Dichlorobenzene
 Concen: 38.54 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:146 Resp: 112919
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 40.0 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

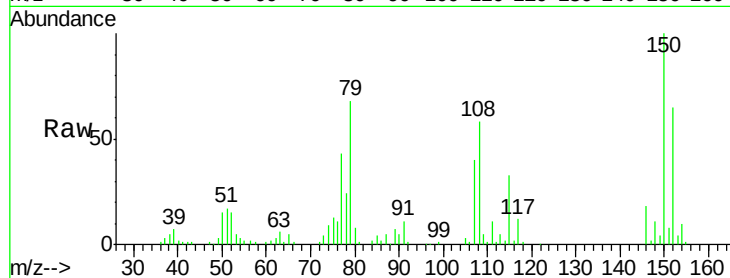




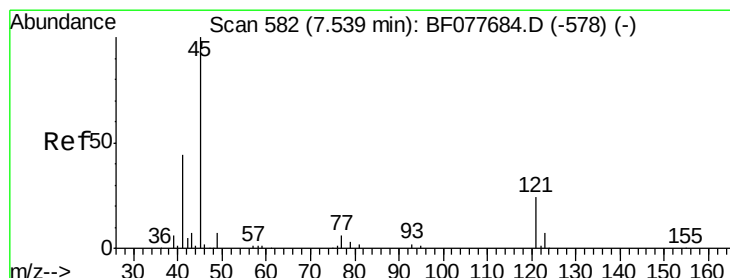
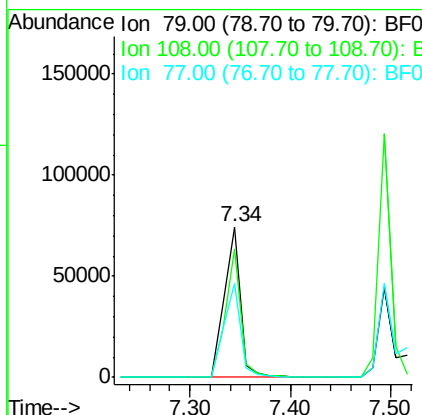
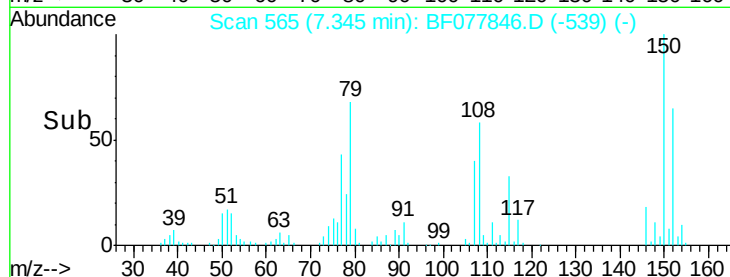
#15
Benzyl Alcohol
Concen: 37.64 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion: 79 Resp: 84341
Ion Ratio Lower Upper
79 100
108 84.8 65.0 97.4
77 62.4 53.0 79.6

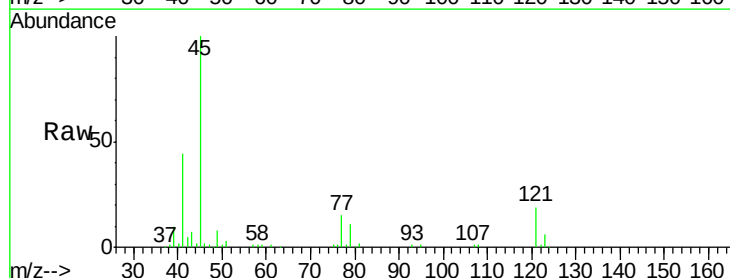


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

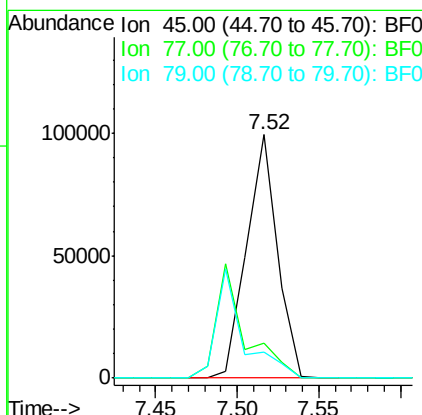
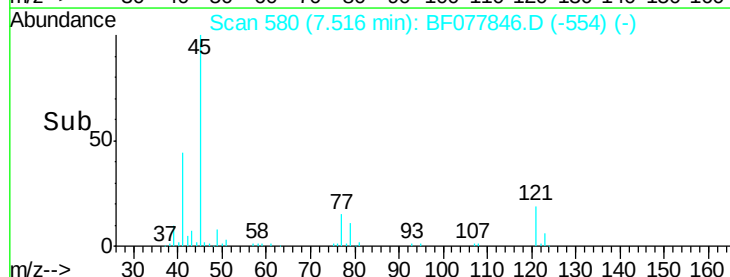


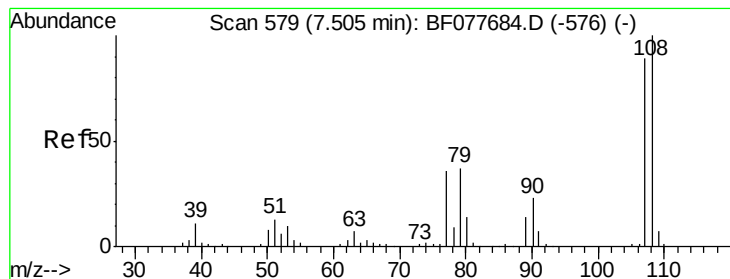
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.71 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion: 45 Resp: 129177
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 10.9 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: 39.33 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

Tot Ion:107 Resp: 88541

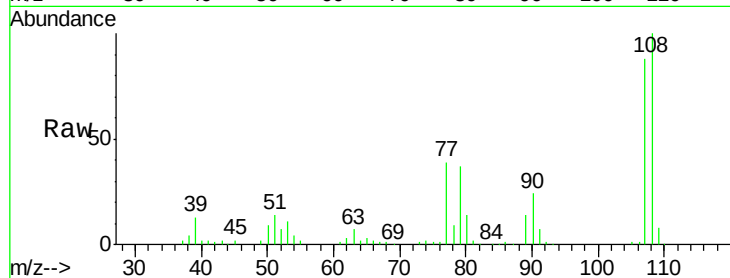
Ion Ratio Lower Upper

107 100

108 113.5 89.8 134.8

77 44.0 32.6 48.8

79 42.0 32.8 49.2

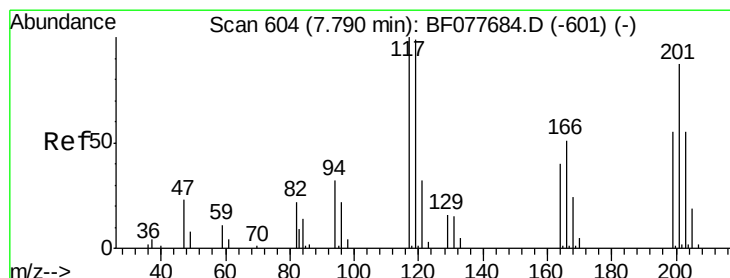
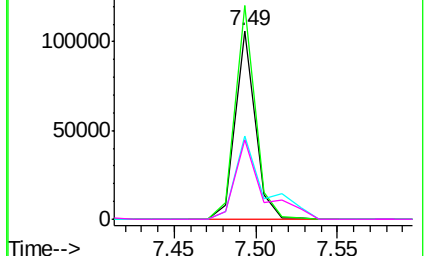
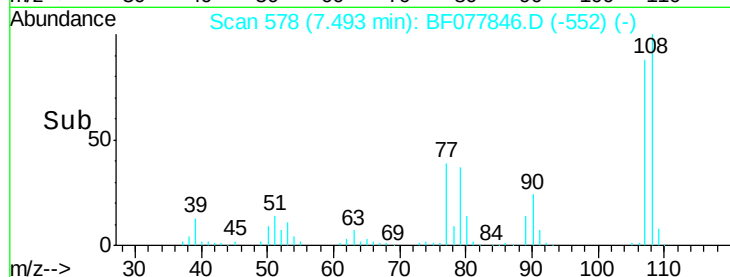


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.03 ng

RT: 7.77 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

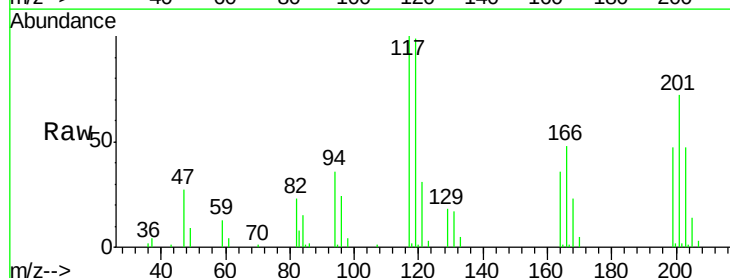
Tgt Ion:117 Resp: 37773

Ion Ratio Lower Upper

117 100

119 99.4 79.2 118.8

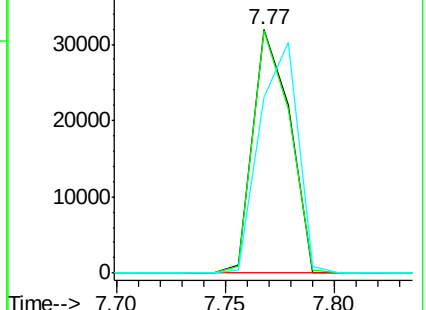
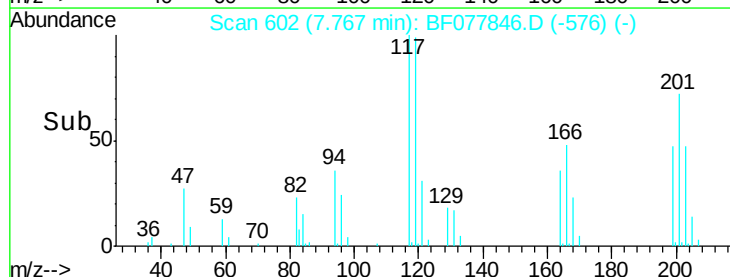
201 72.4 69.8 104.6

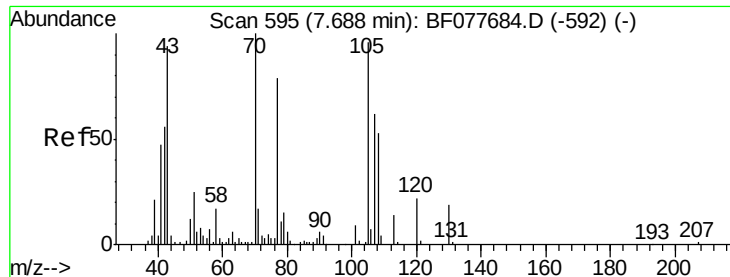


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

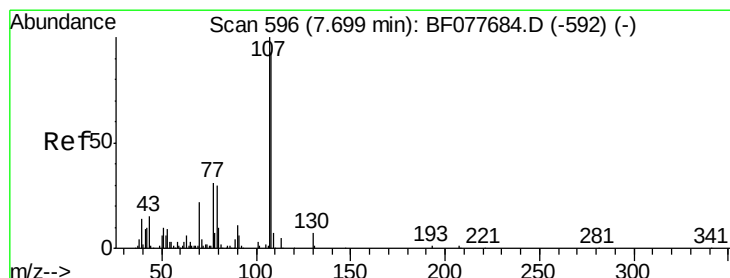
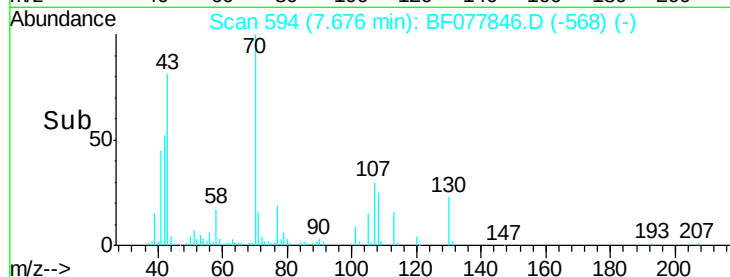
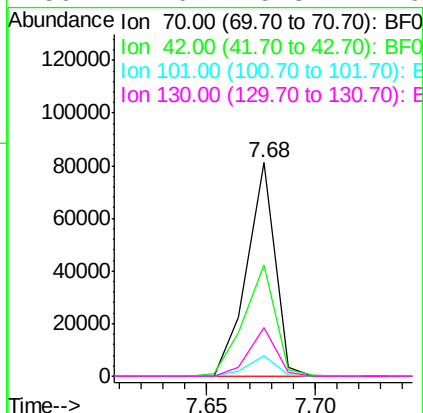
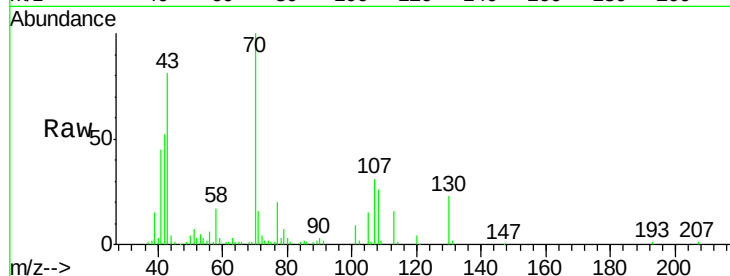




#19
n-Nitroso-di-n-propylamine
Concen: 37.07 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

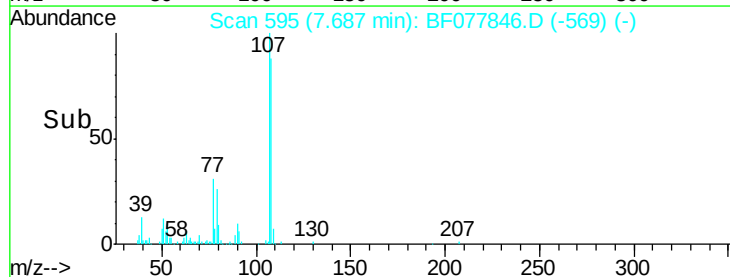
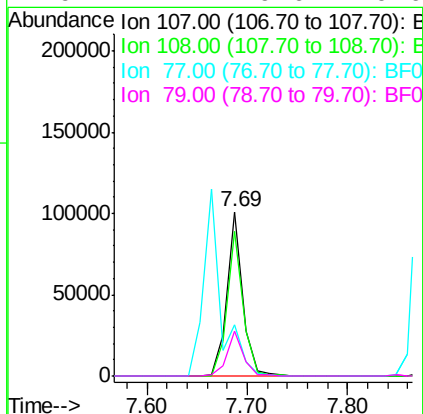
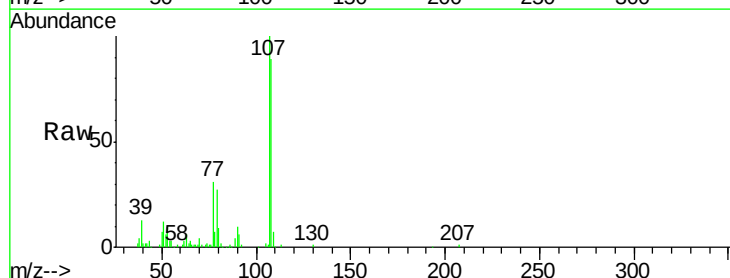
Instrument :
BNA_F
ClientSampleId :
PB82188BS

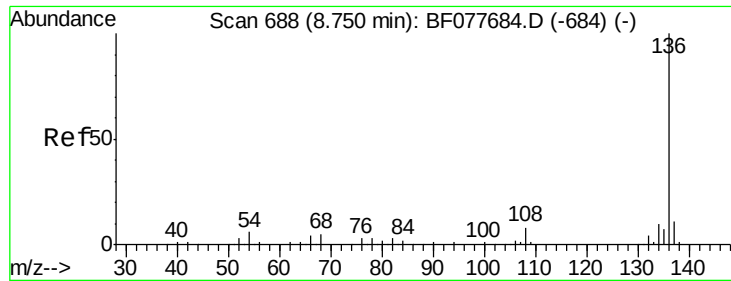
Tot Ion: 70 Resp: 73608
Ion Ratio Lower Upper
70 100
42 52.1 44.5 66.7
101 9.4 7.4 11.2
130 22.6 15.3 22.9



#20
3+4-Methylphenols
Concen: 37.27 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:107 Resp: 110121
Ion Ratio Lower Upper
107 100
108 88.5 73.2 113.2
77 31.2 10.7 50.7
79 27.2 9.6 49.6

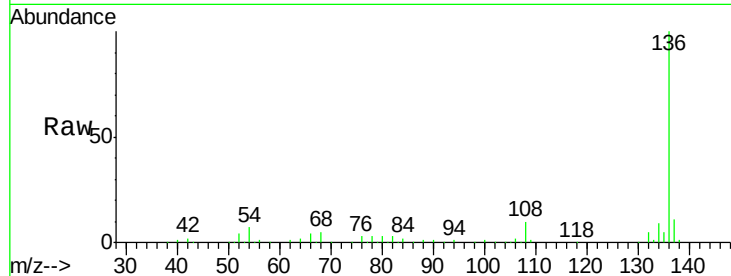




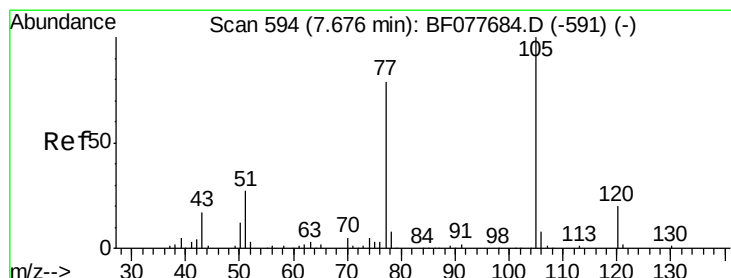
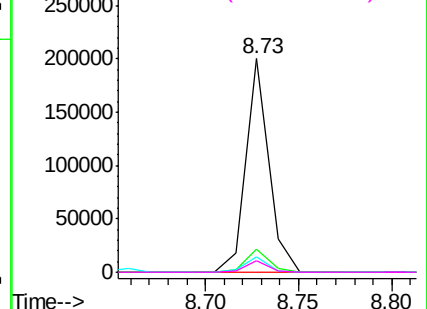
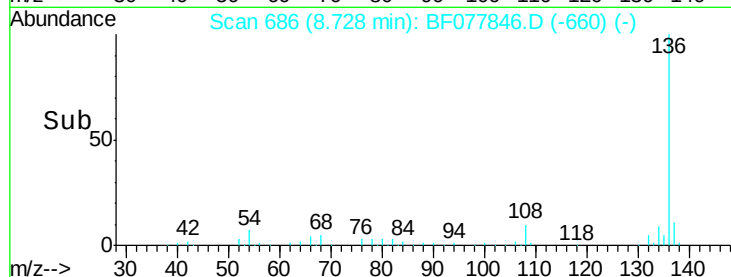
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:136	Resp:	171302
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	7.2	4.6 6.8#
68	5.3	3.7 5.5

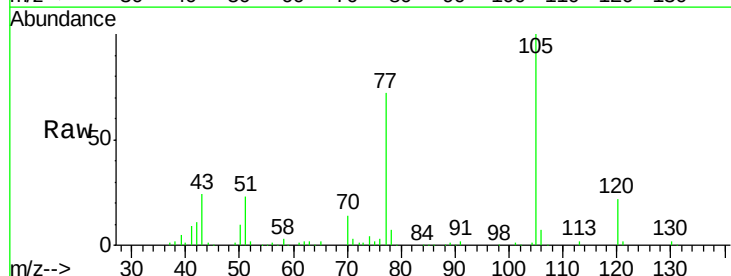


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

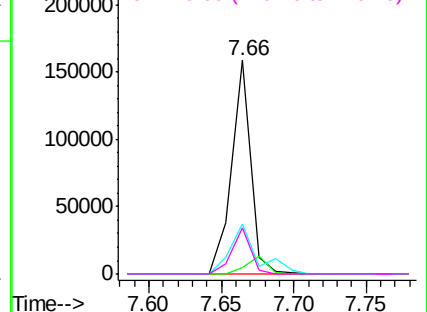
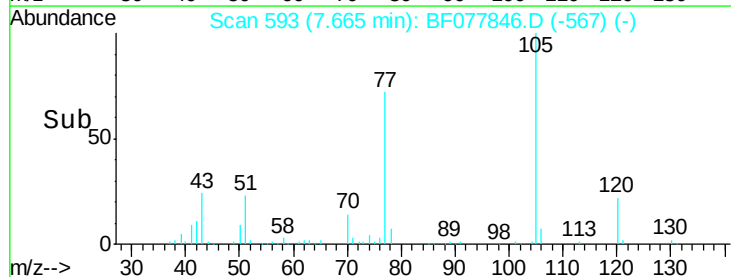


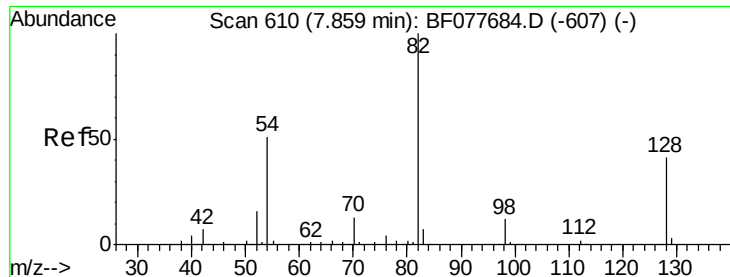
#22
Acetophenone
Concen: 38.36 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:105	Resp:	145480
Ion Ratio	Lower	Upper
105	100	
71	2.8	0.6 1.0#
51	23.3	21.6 32.4
120	21.8	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

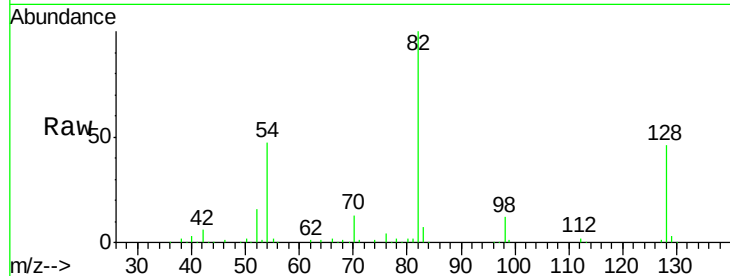




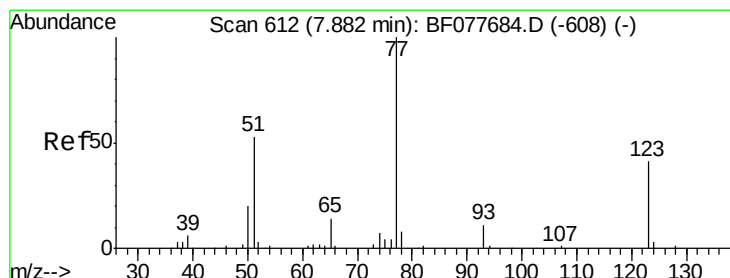
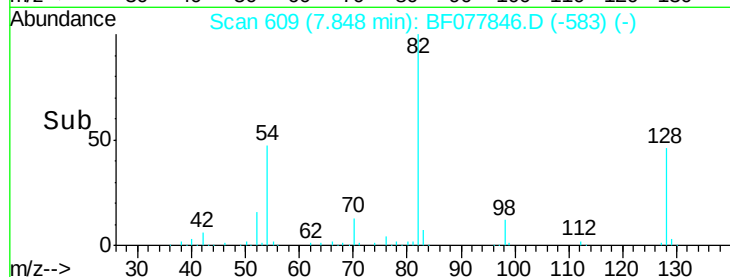
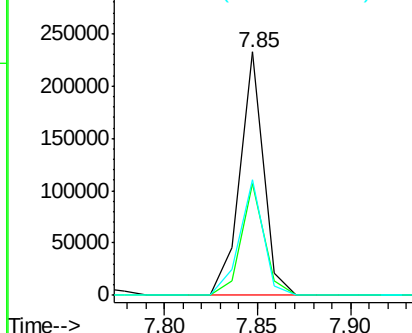
#23
 Nitrobenzene-d5
 Concen: 78.65 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion	82	Resp	205540
Ion Ratio	100	Lower	Upper
128	45.9	32.8	49.2
54	47.3	40.6	60.8

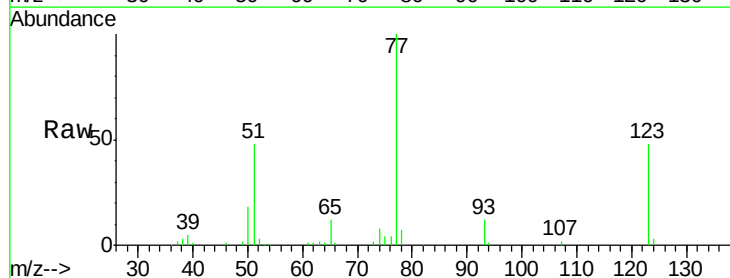


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

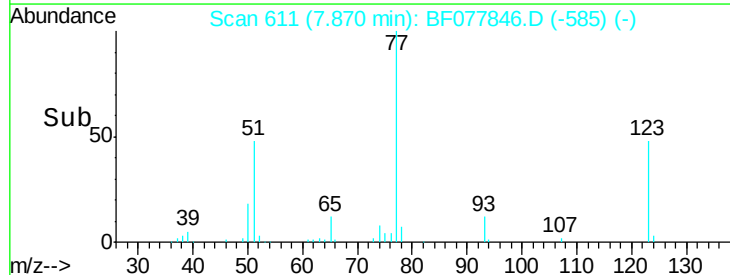
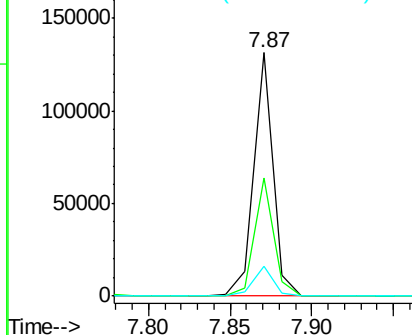


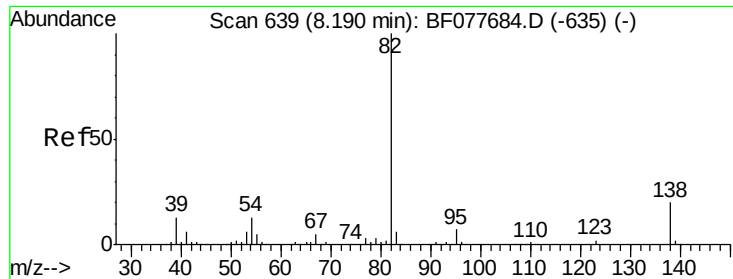
#24
 Nitrobenzene
 Concen: 38.28 ng
 RT: 7.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion	77	Resp	107777
Ion Ratio	100	Lower	Upper
123	48.4	32.6	49.0
65	12.3	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.59 ng

RT: 8.17 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

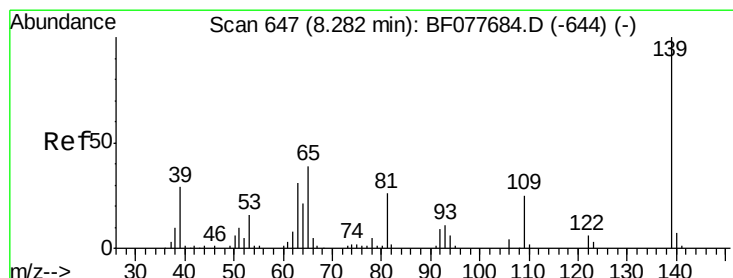
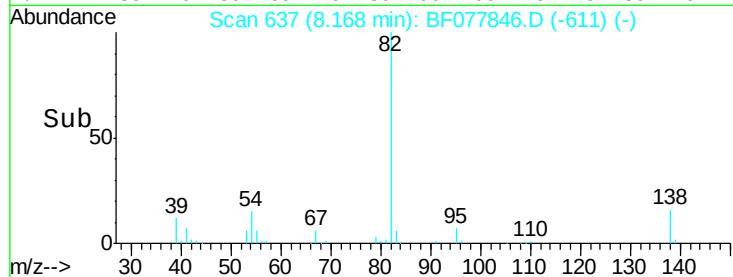
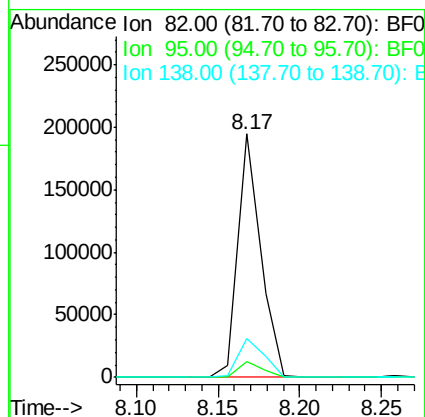
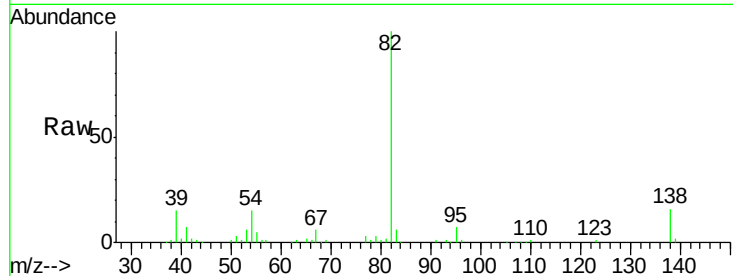
Tot Ion: 82 Resp: 187847

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 16.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 35.42 ng

RT: 8.26 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

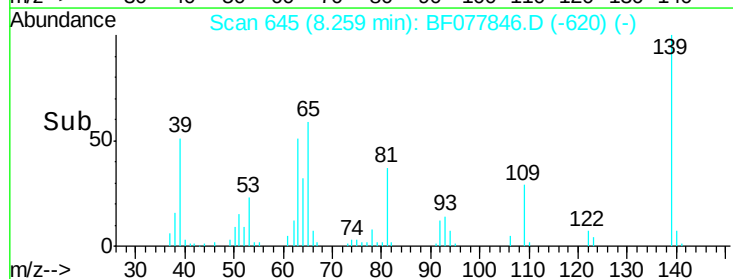
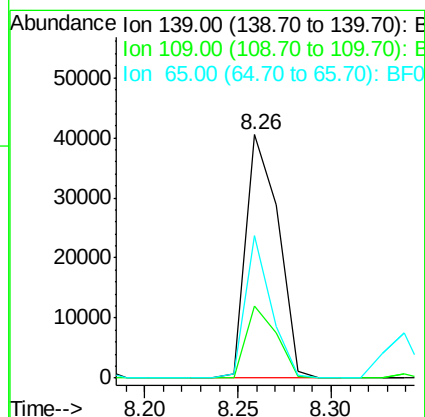
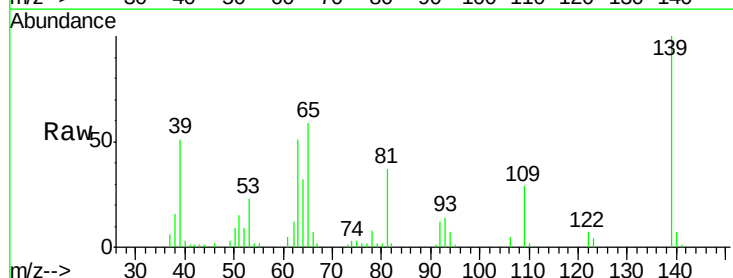
Tgt Ion: 139 Resp: 48819

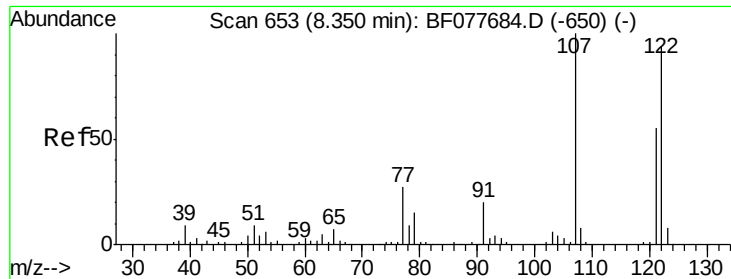
Ion Ratio Lower Upper

139 100

109 29.4 20.1 30.1

65 58.5 31.5 47.3#

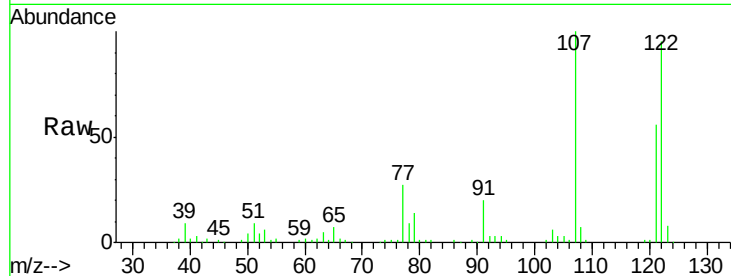




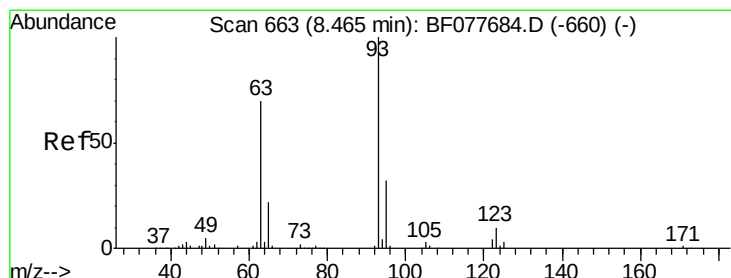
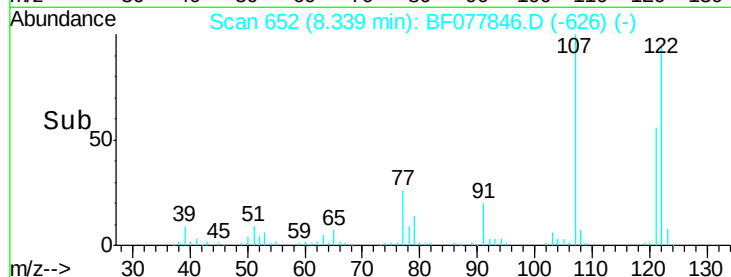
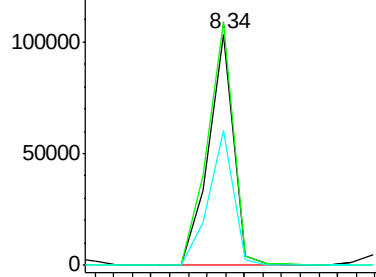
#27
2,4-Dimethylphenol
Concen: 38.83 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:122 Resp: 97500
Ion Ratio Lower Upper
122 100
107 105.3 84.7 127.1
121 58.4 46.6 69.8

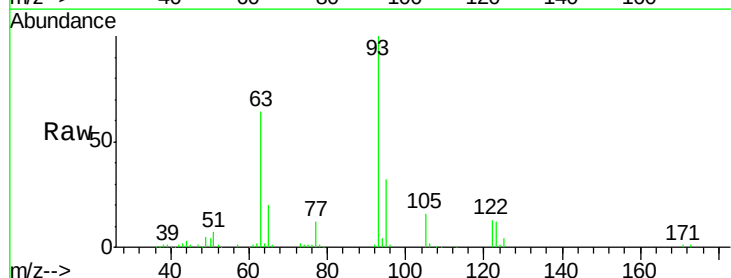


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

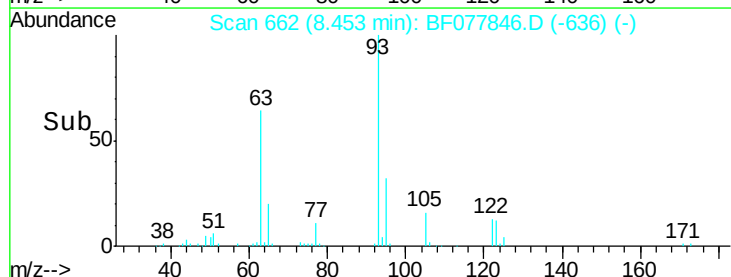
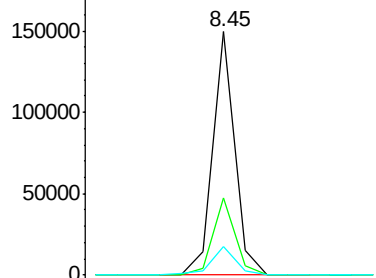


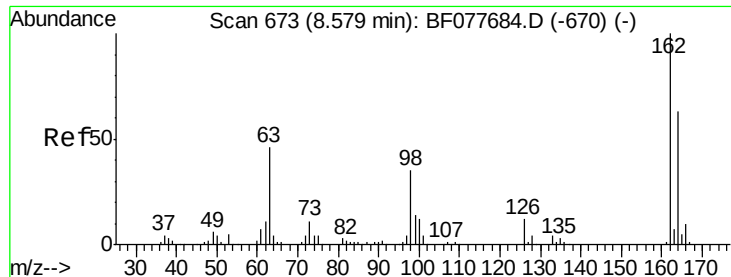
#28
bis(2-Chloroethoxy)methane
Concen: 38.57 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion: 93 Resp: 123558
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 11.5 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

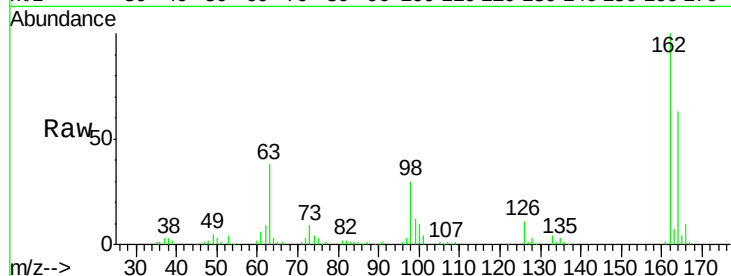




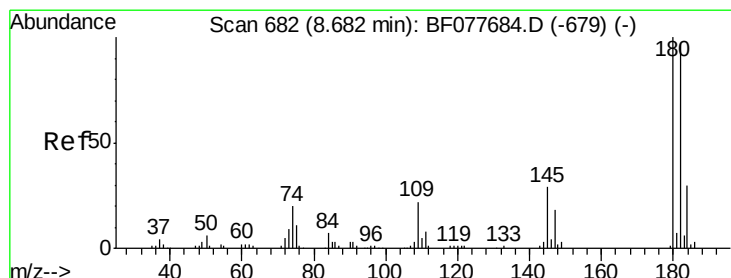
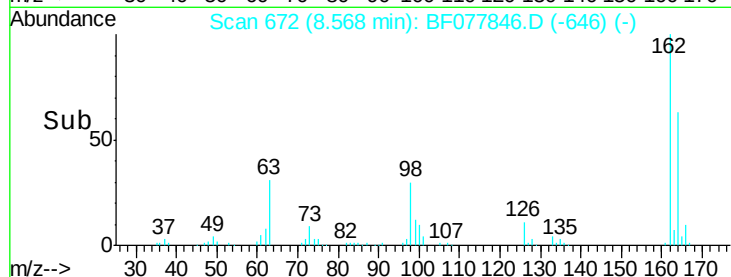
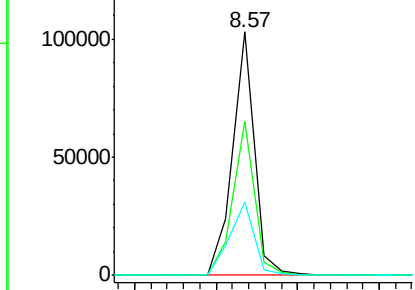
#29
 2,4-Dichlorophenol
 Concen: 39.43 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:162 Resp: 94374
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.8 82.8
 98 30.2 14.5 54.5

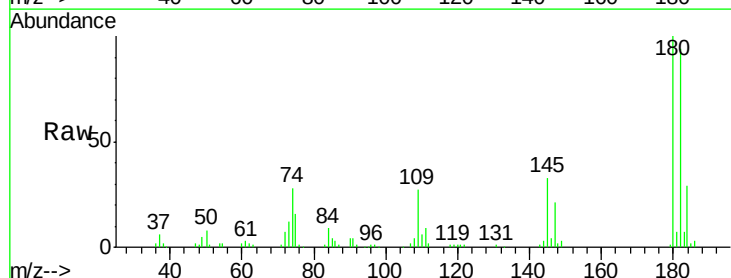


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

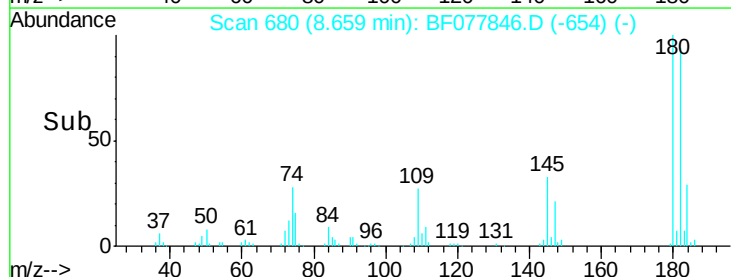
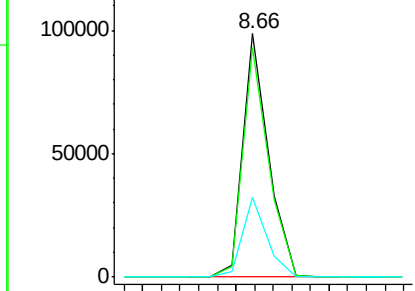


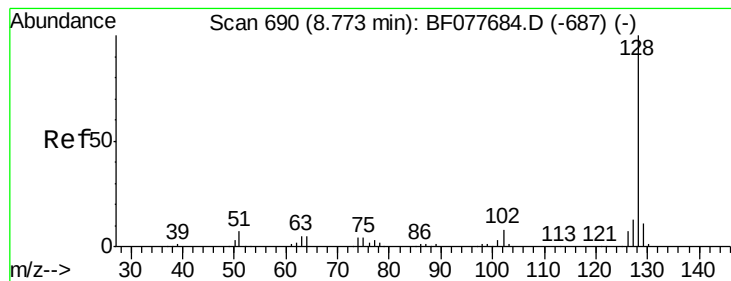
#30
 1,2,4-Trichlorobenzene
 Concen: 34.98 ng
 RT: 8.66 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:180 Resp: 93682
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.6 116.4
 145 32.6 23.4 35.2



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





#31

Naphthalene

Concen: 34.87 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

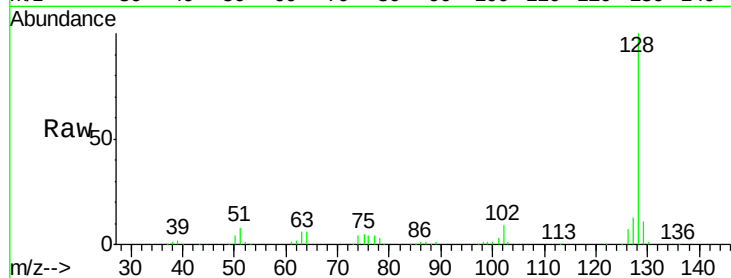
Tot Ion:128 Resp: 306804

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

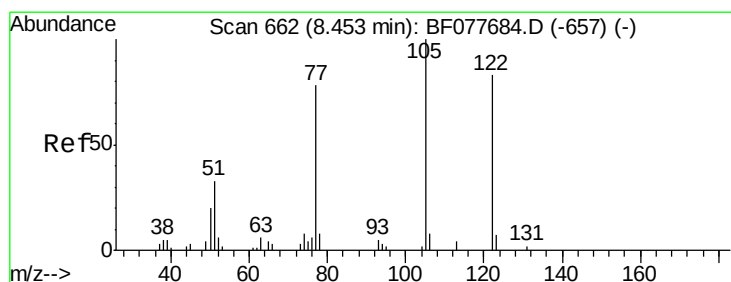
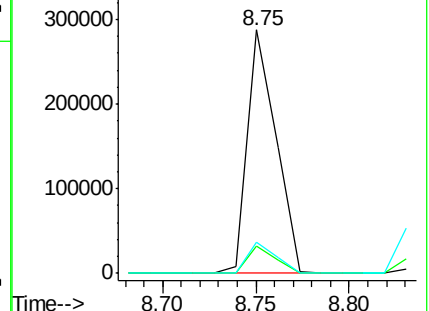
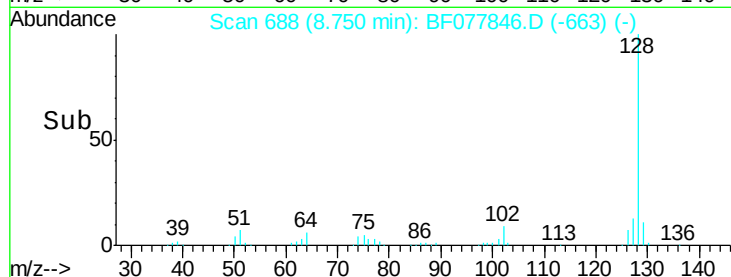
127 13.0 10.4 15.6



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: 33.95 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

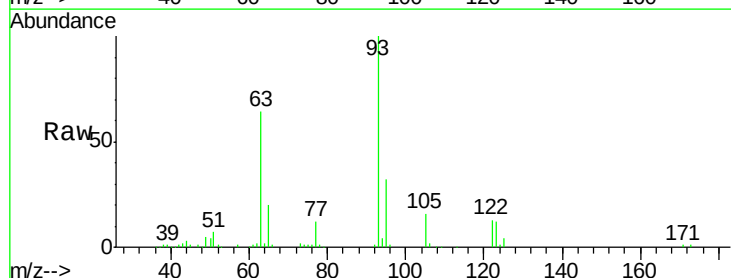
Tgt Ion:122 Resp: 46194

Ion Ratio Lower Upper

122 100

105 128.0 99.9 139.9

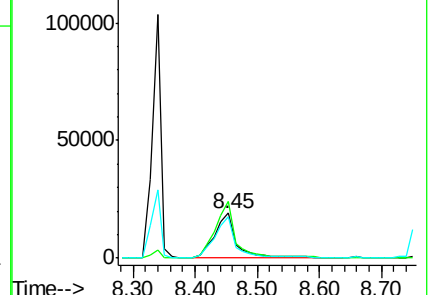
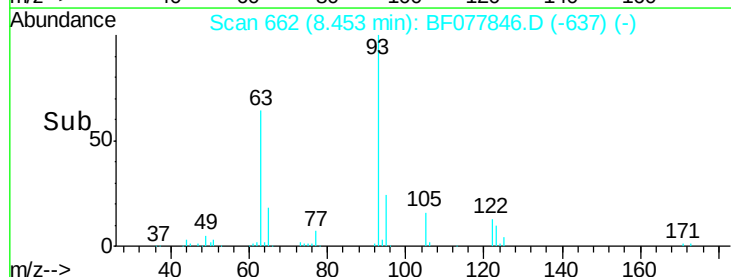
77 91.6 73.7 113.7

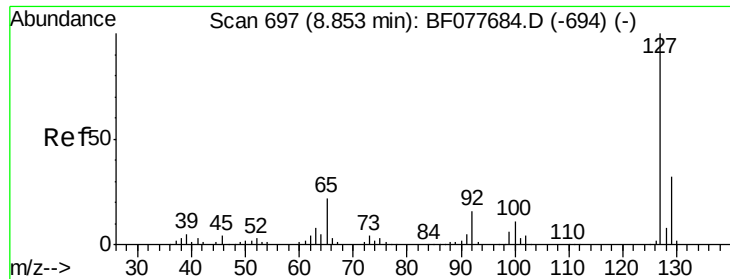


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

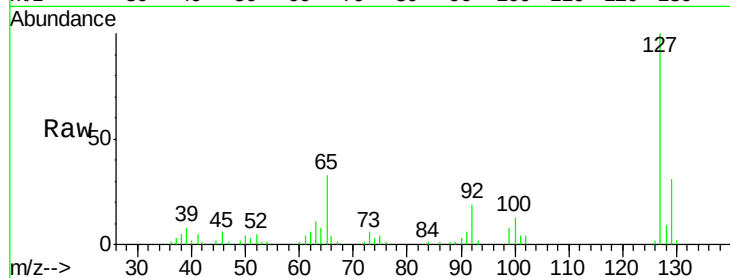




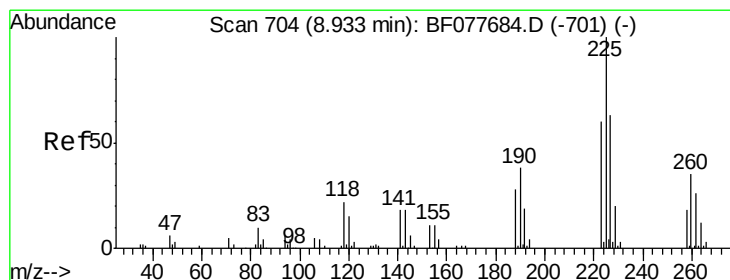
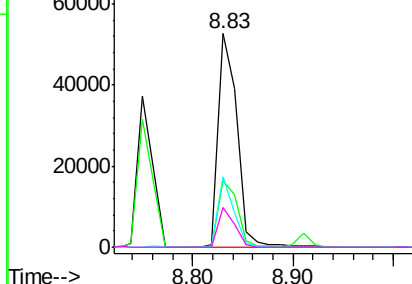
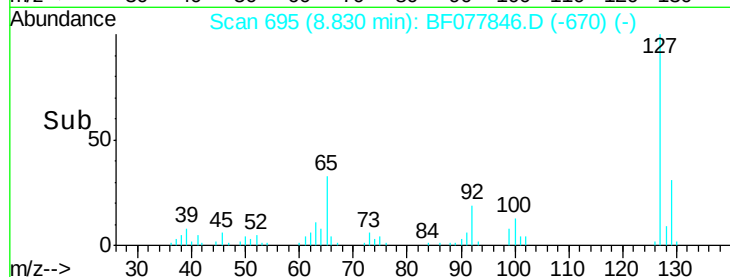
#33
 4-Chloroaniline
 Concen: 19.24 ng
 RT: 8.83 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:	127	Resp:	68707
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	32.8	17.6	26.4
92	18.7	13.1	19.7

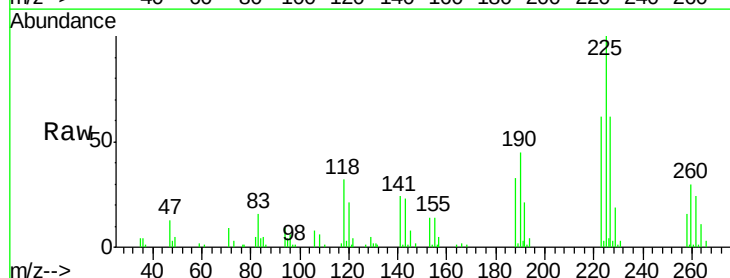


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

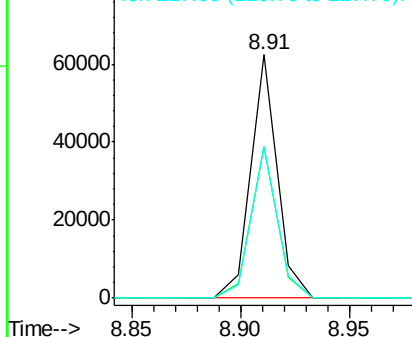
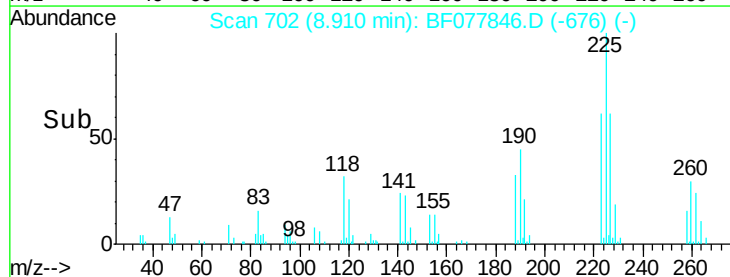


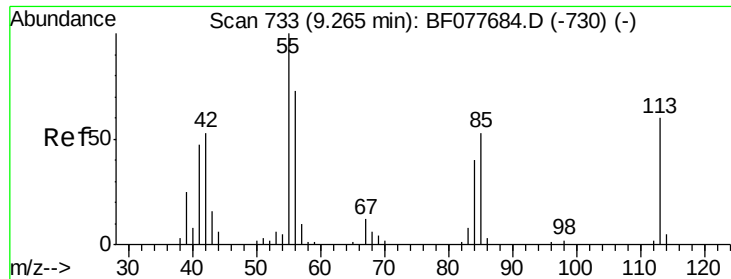
#34
 Hexachlorobutadiene
 Concen: 34.62 ng
 RT: 8.91 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:	225	Resp:	52555
Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.9	71.9
227	62.0	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: 39.60 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

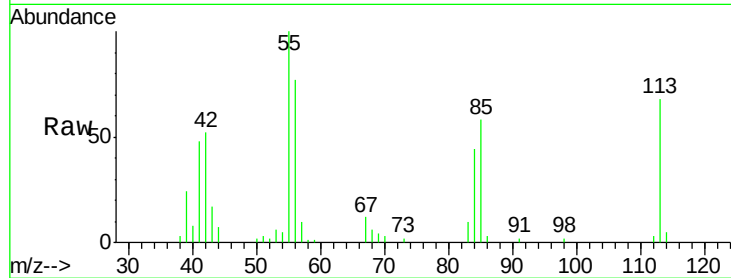
Tot Ion:113 Resp: 27700

Ion Ratio Lower Upper

113 100

55 146.8 145.9 185.9

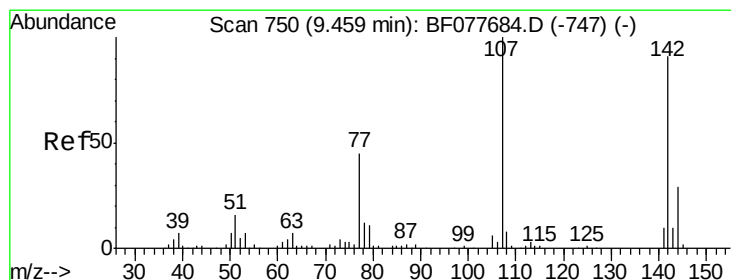
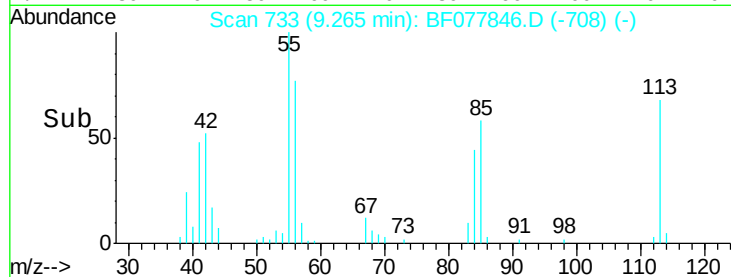
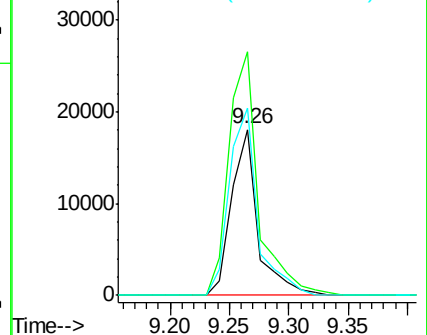
56 112.6 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.07 ng

RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

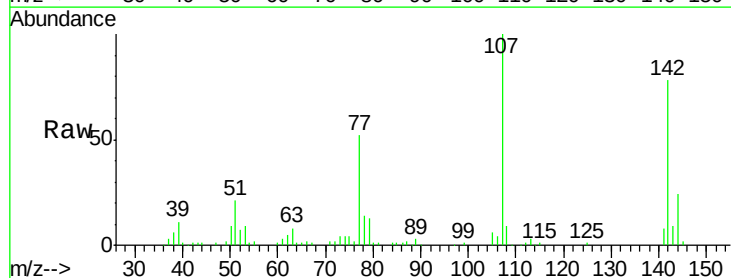
Tgt Ion:107 Resp: 91684

Ion Ratio Lower Upper

107 100

144 24.1 23.3 34.9

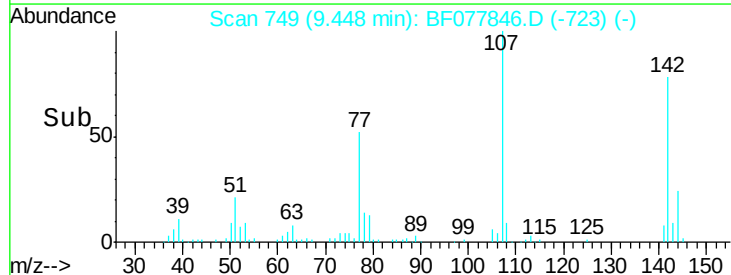
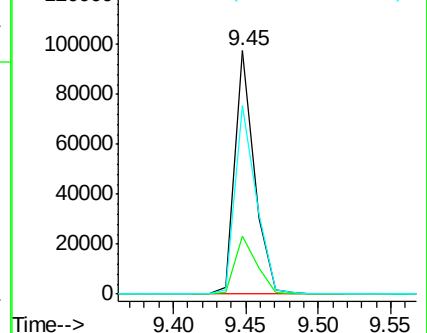
142 77.6 72.6 109.0

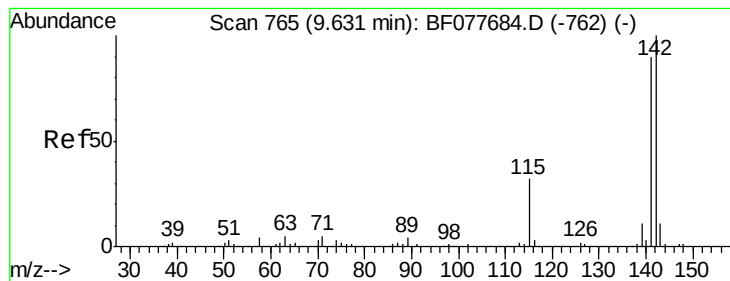


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.32 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

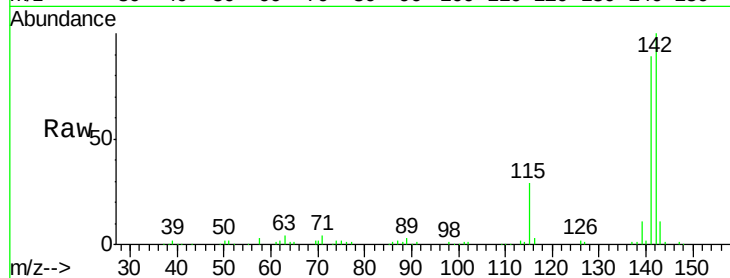
Tot Ion:142 Resp: 214692

Ion Ratio Lower Upper

142 100

141 88.7 71.9 107.9

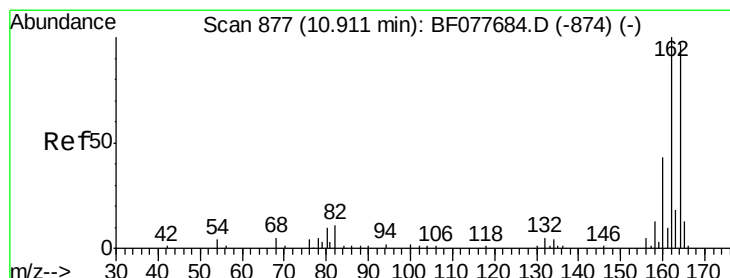
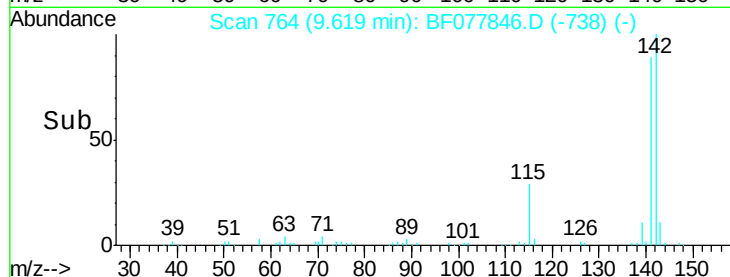
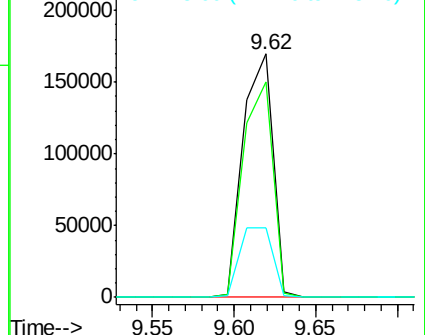
115 28.7 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

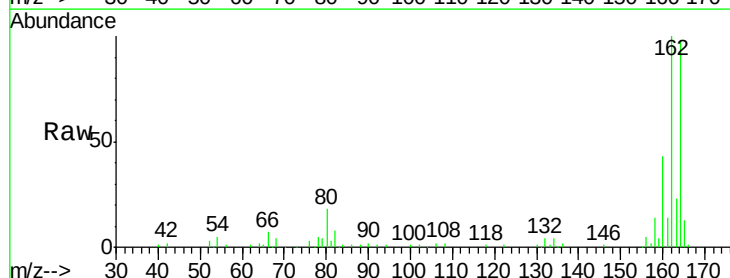
Tgt Ion:164 Resp: 88086

Ion Ratio Lower Upper

164 100

162 102.4 82.4 123.6

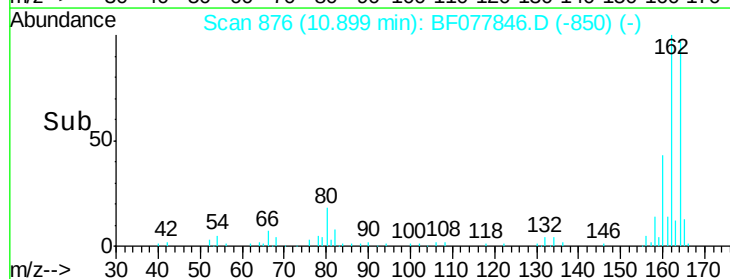
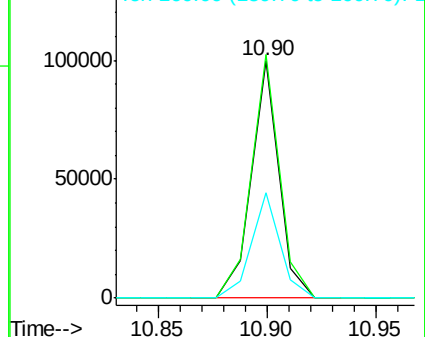
160 44.4 35.8 53.6

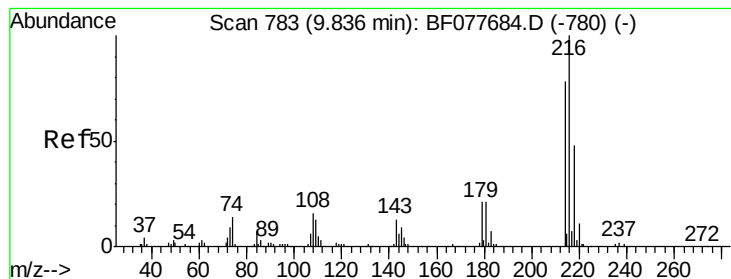


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.60 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

Tot Ion:216 Resp: 93527

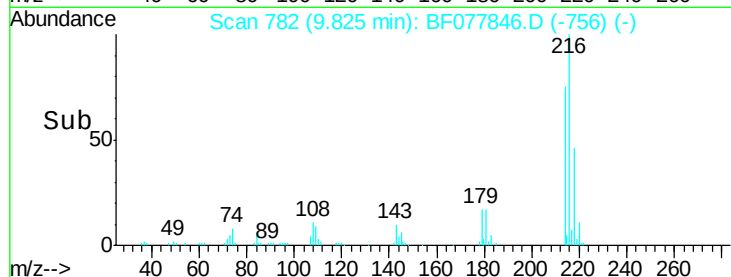
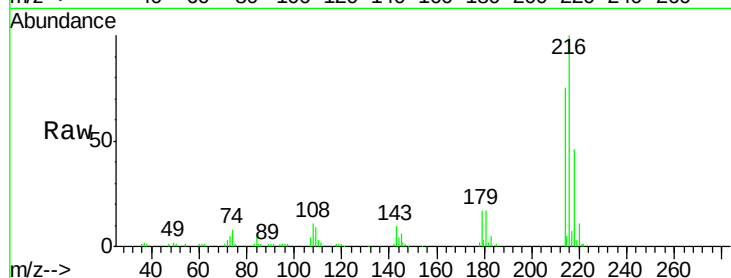
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 21.0 0.0 0.0#

108 20.2 0.0 0.0#

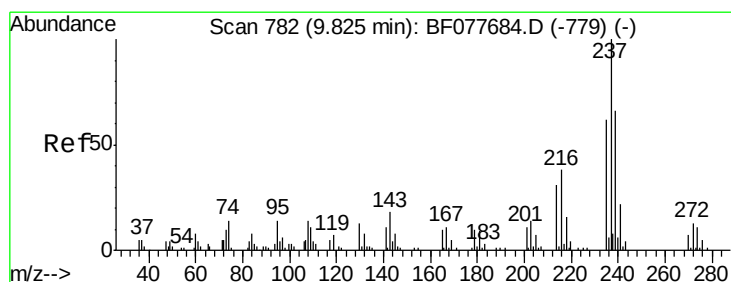
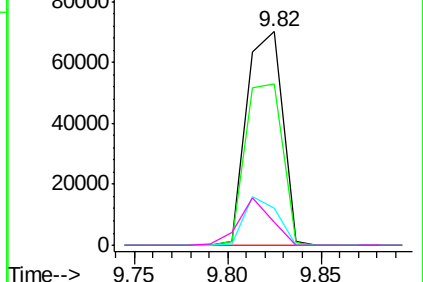


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.79 ng

RT: 9.80 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

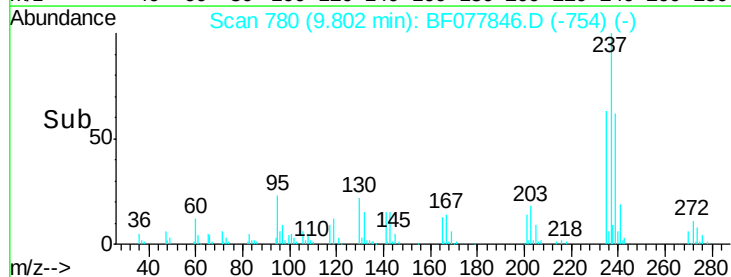
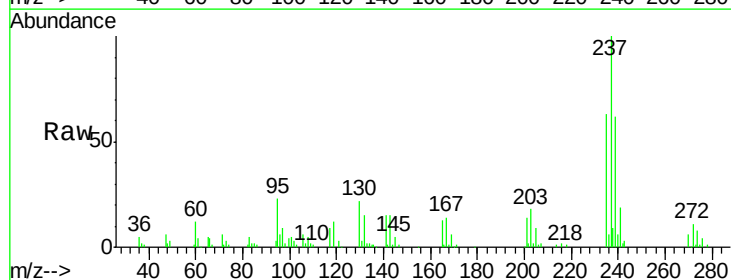
Tgt Ion:237 Resp: 89872

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

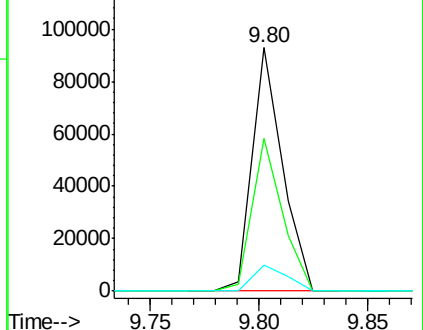
272 11.0 0.0 33.4

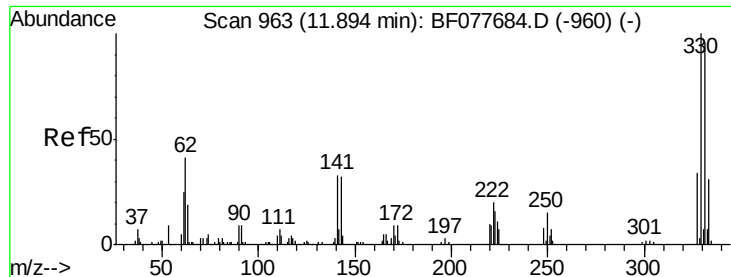


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

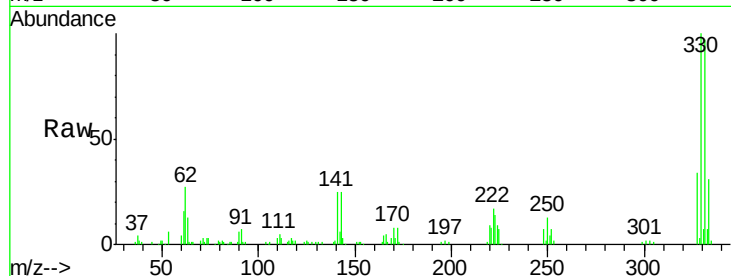




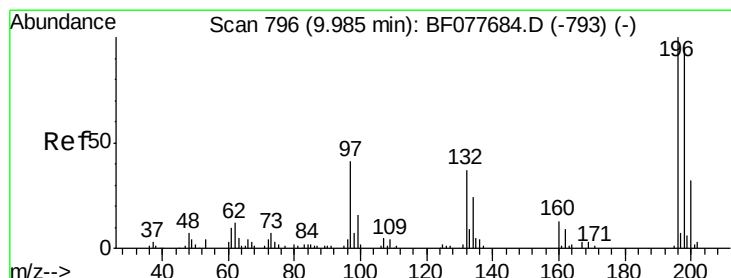
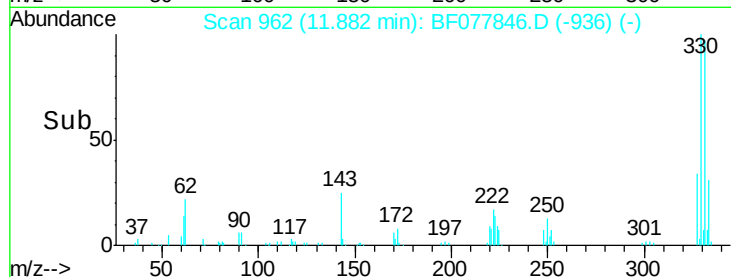
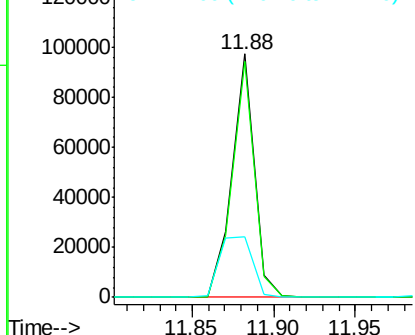
#41
 2,4,6-Tribromophenol
 Concen: 108.92 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:330 Resp: 91794
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 37.1 0.0 0.0#

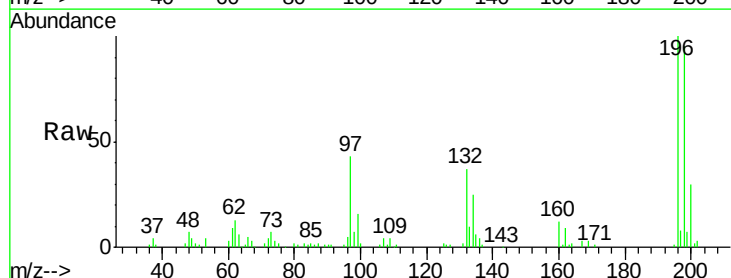


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

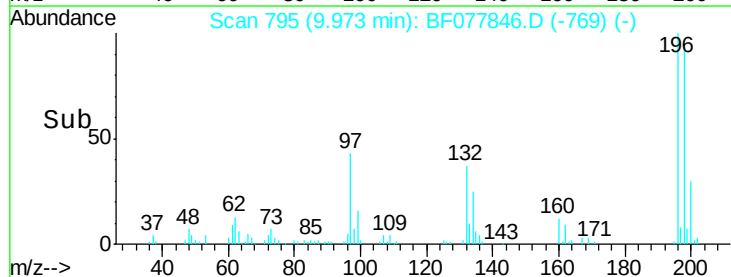
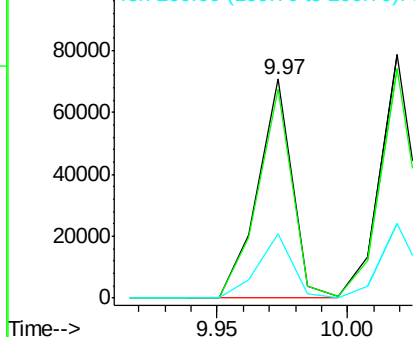


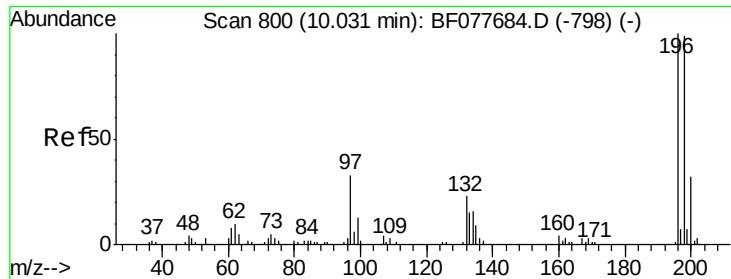
#42
 2,4,6-Trichlorophenol
 Concen: 36.11 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:196 Resp: 65712
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 29.6 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

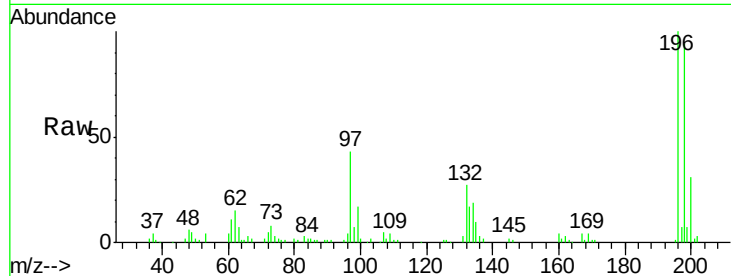




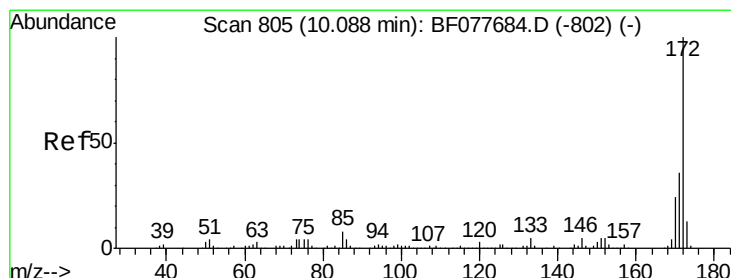
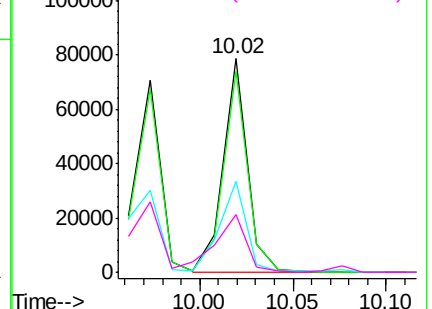
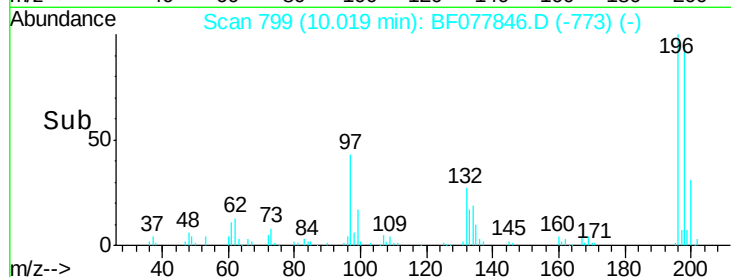
#43
 2,4,5-Trichlorophenol
 Concen: 36.32 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:196 Resp: 71417
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.4 119.0
 97 42.7 26.8 40.2#
 132 26.8 18.6 28.0

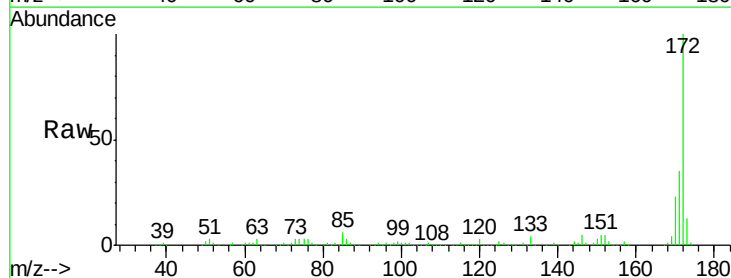


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

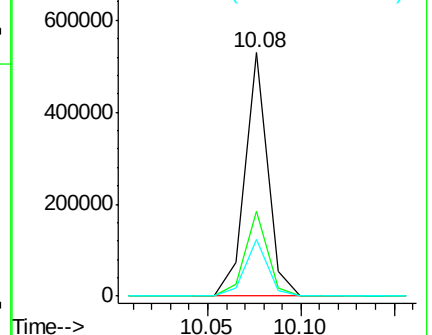
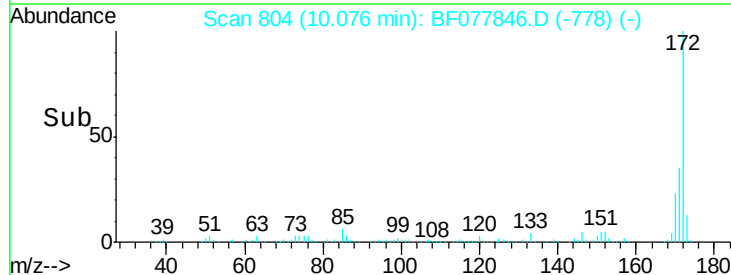


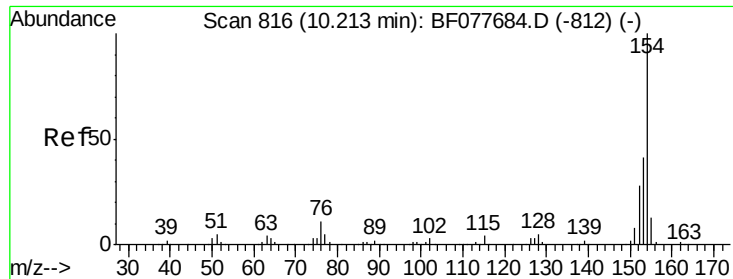
#44
 2-Fluorobiphenyl
 Concen: 75.30 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:172 Resp: 451309
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.3 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

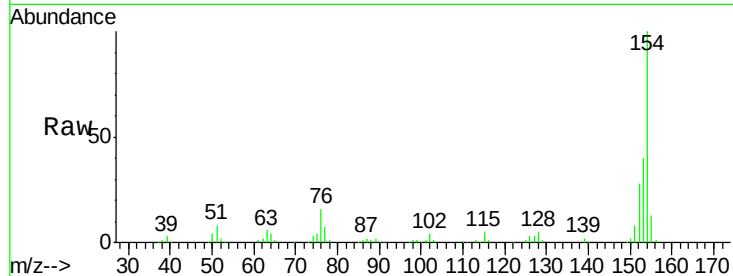




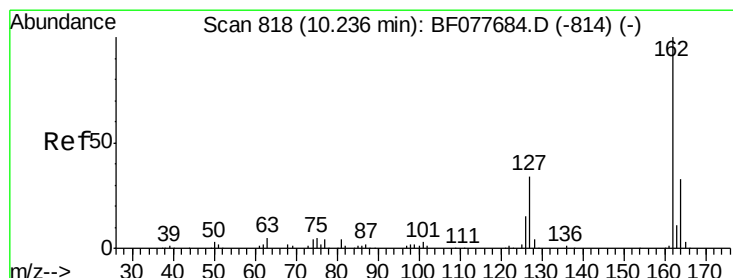
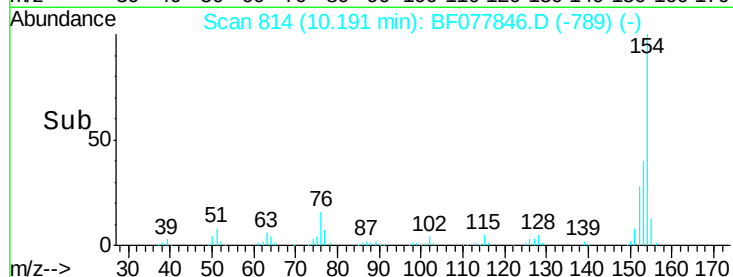
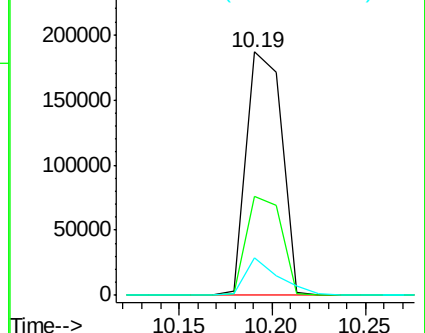
#45
1,1'-Biphenyl
Concen: 35.41 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:154 Resp: 249317
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 15.6 0.0 30.9

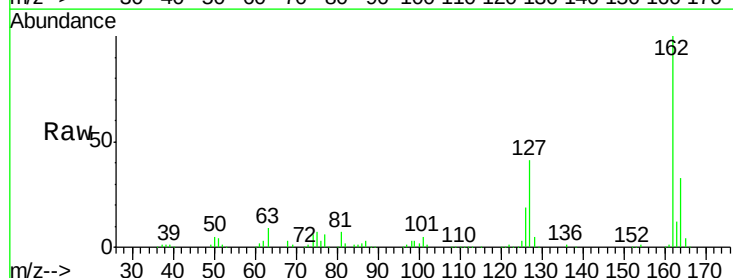


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

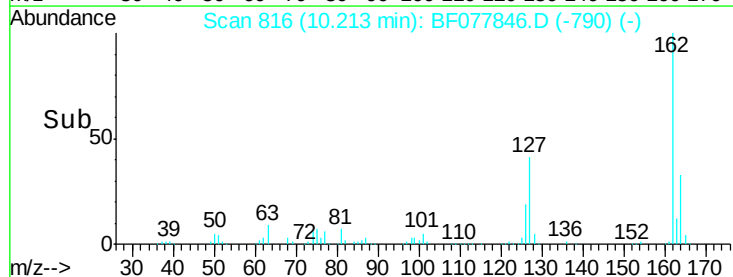
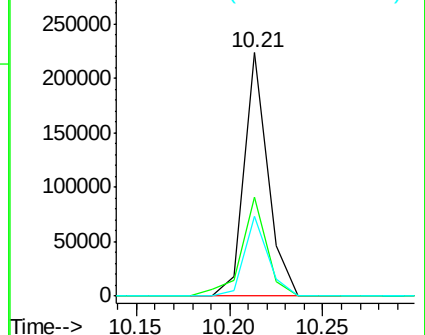


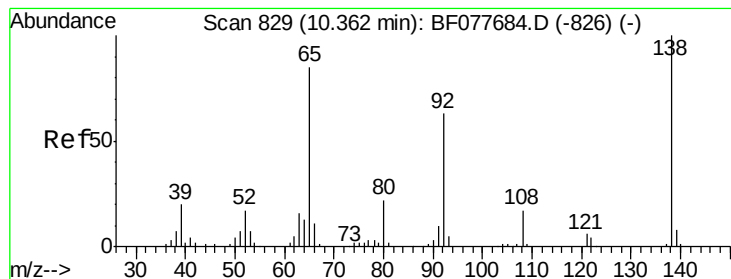
#46
2-Chloronaphthalene
Concen: 34.58 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:162 Resp: 197908
Ion Ratio Lower Upper
162 100
127 40.6 26.9 40.3#
164 32.9 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: 39.96 ng

RT: 10.35 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

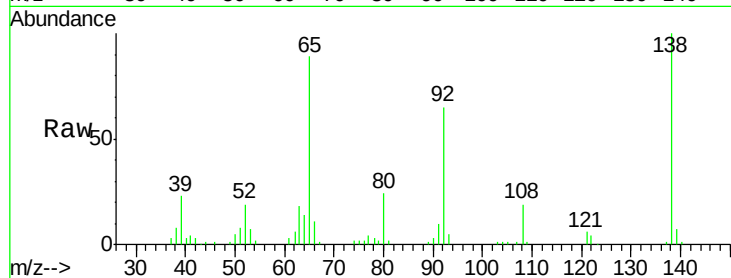
Tot Ion: 65 Resp: 56785

Ion Ratio Lower Upper

65 100

92 72.7 59.1 88.7

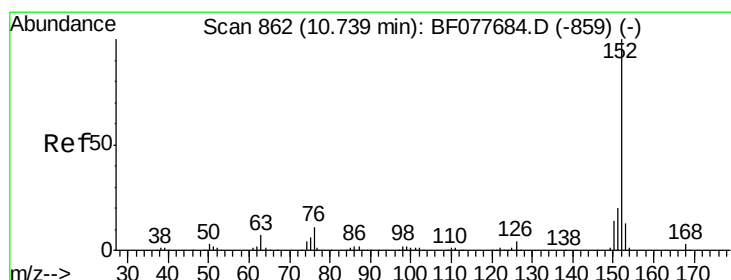
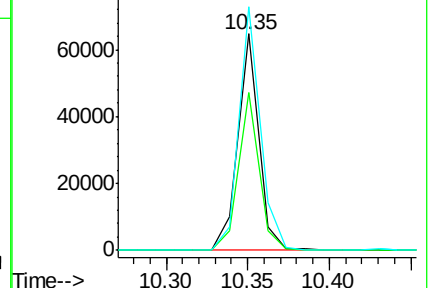
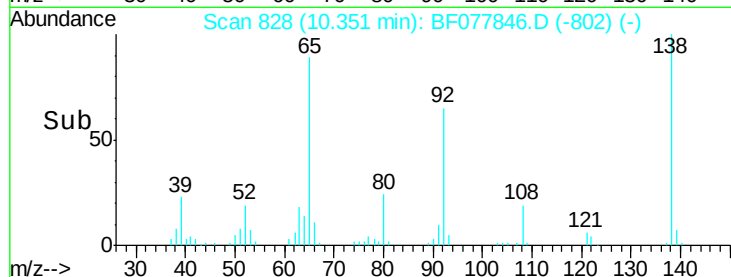
138 112.4 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BF077684.D (-826) (-)

Ion 92.00 (91.70 to 92.70): BF077684.D (-826) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-826) (-)



#48

Acenaphthylene

Concen: 34.59 ng

RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

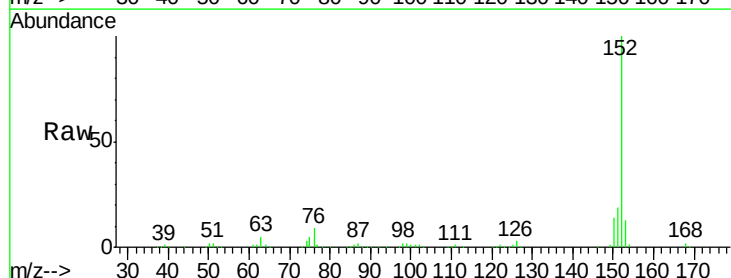
Tgt Ion: 152 Resp: 329142

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

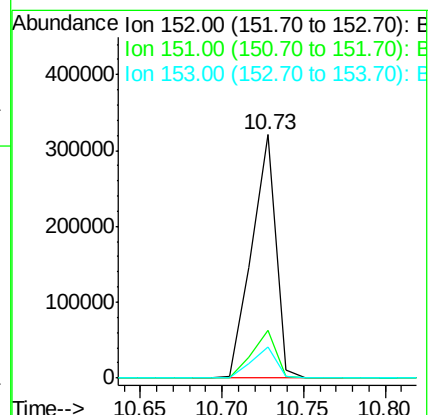
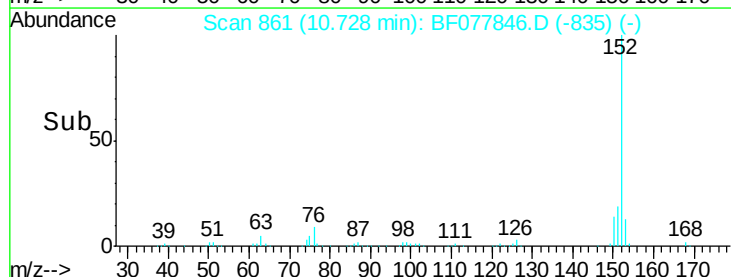
153 13.0 10.6 16.0

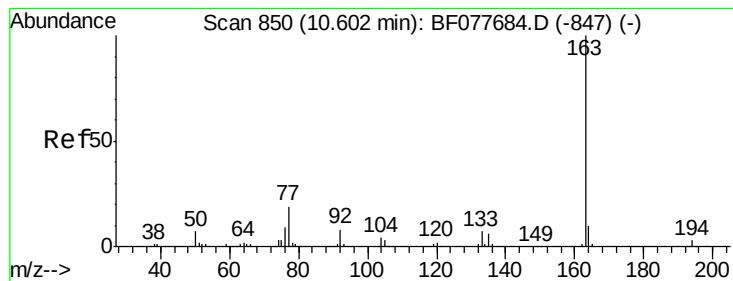


Abundance Ion 152.00 (151.70 to 152.70): BF077684.D (-859) (-)

Ion 151.00 (150.70 to 151.70): BF077684.D (-859) (-)

Ion 153.00 (152.70 to 153.70): BF077684.D (-859) (-)





#49

Dimethylphthalate

Concen: 37.12 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

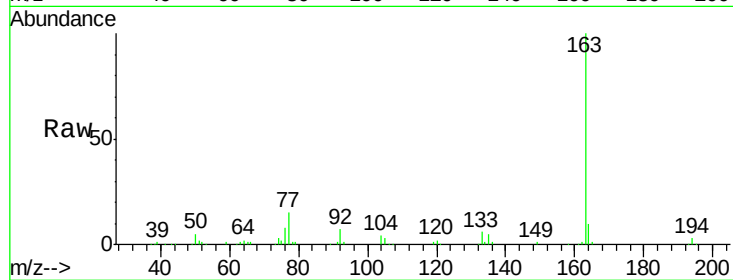
Tot Ion:163 Resp: 242517

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

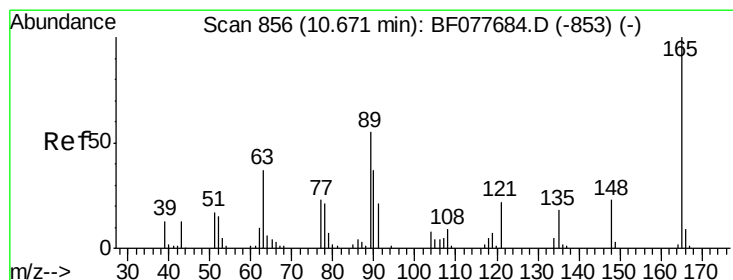
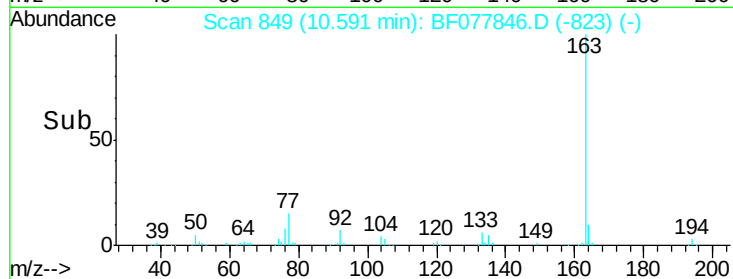
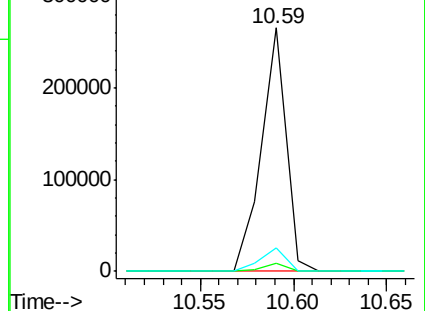
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.78 ng

RT: 10.66 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

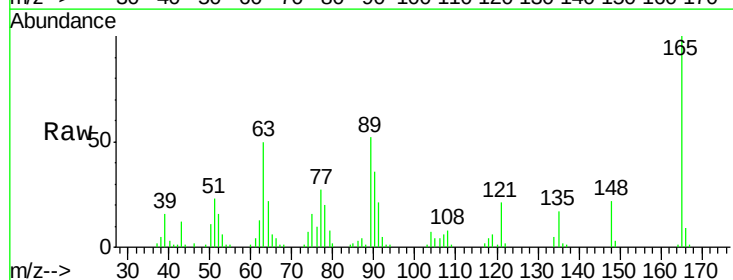
Tgt Ion:165 Resp: 52525

Ion Ratio Lower Upper

165 100

63 49.9 44.1 66.1

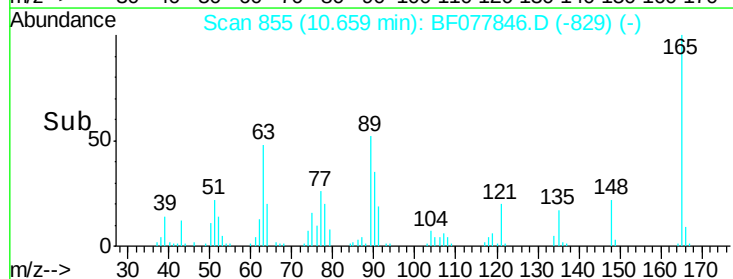
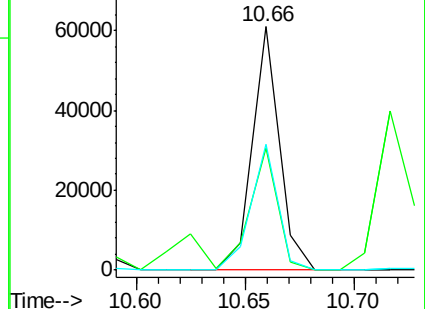
89 51.8 44.3 66.5

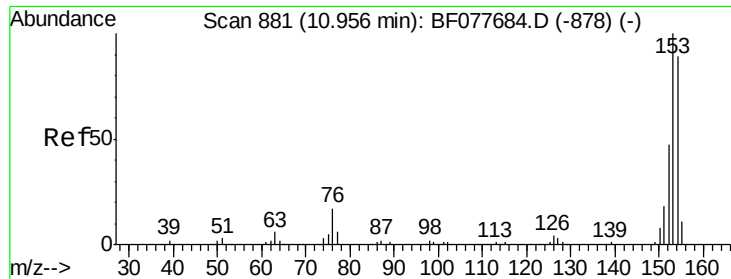


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.20 ng

RT: 10.93 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

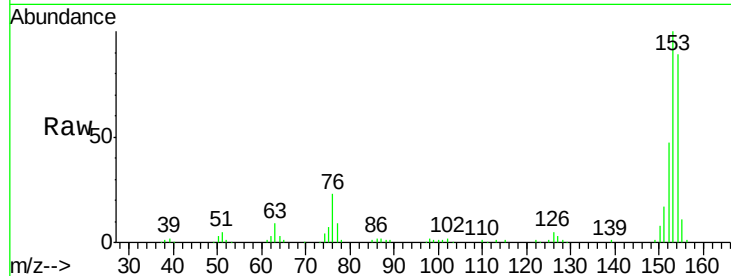
Tot Ion:154 Resp: 186591

Ion Ratio Lower Upper

154 100

153 111.8 90.0 135.0

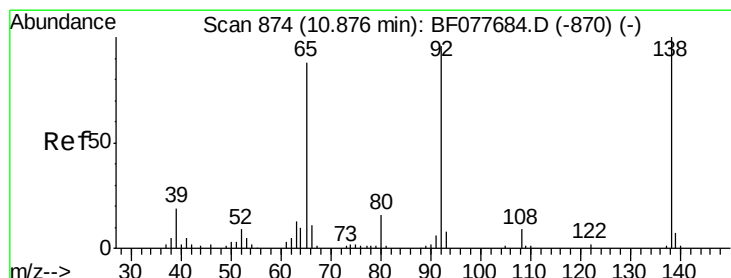
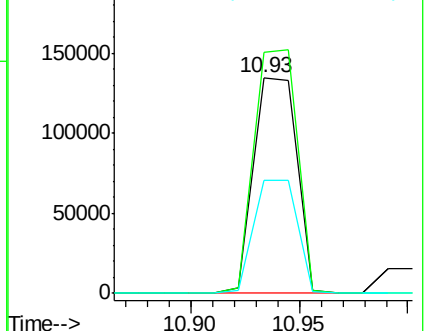
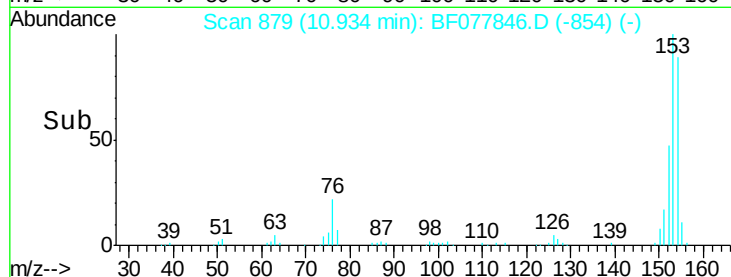
152 52.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.76 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

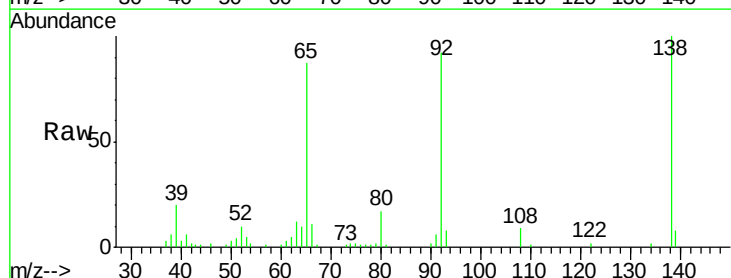
Tgt Ion:138 Resp: 38948

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

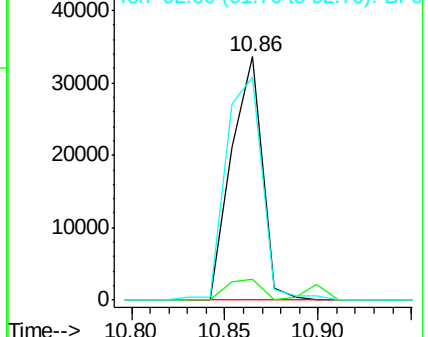
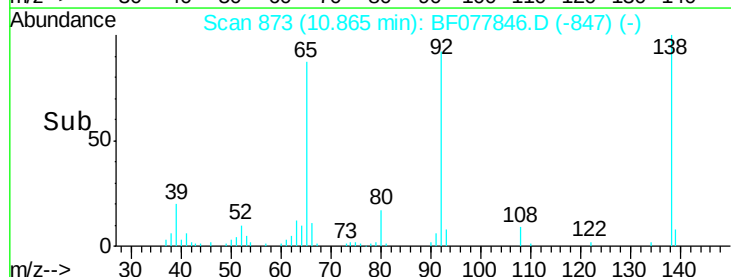
92 91.9 76.6 114.8

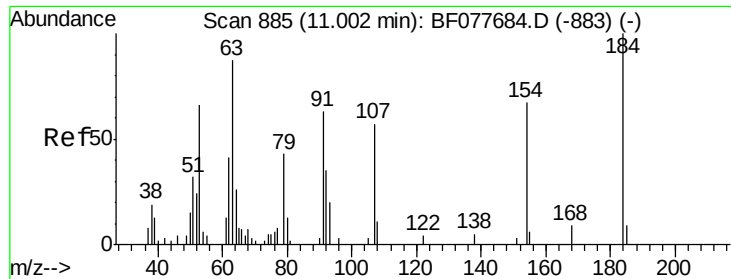


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

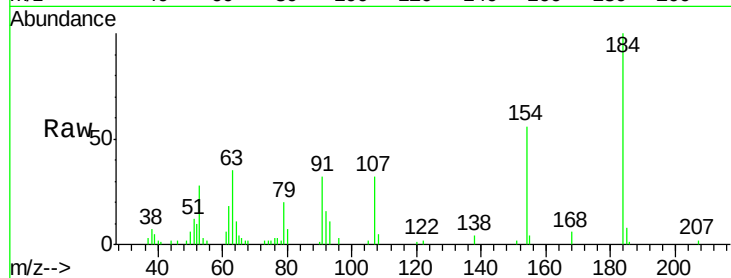




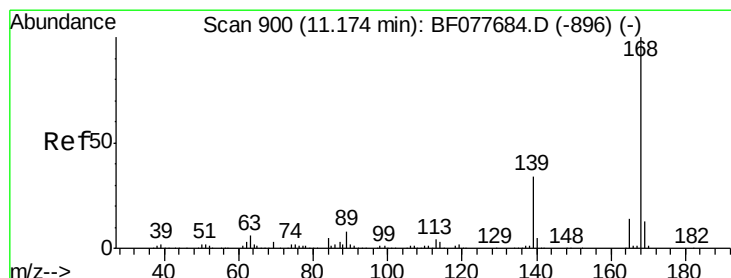
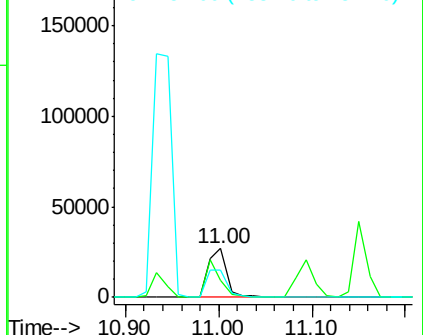
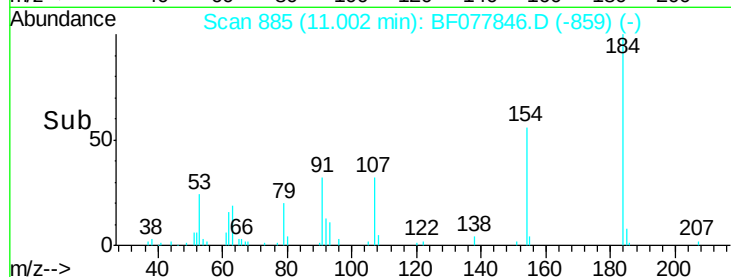
#53
2,4-Dinitrophenol
Concen: 76.85 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:184 Resp: 38060
Ion Ratio Lower Upper
184 100
63 35.0 69.2 103.8#
154 56.0 53.3 79.9

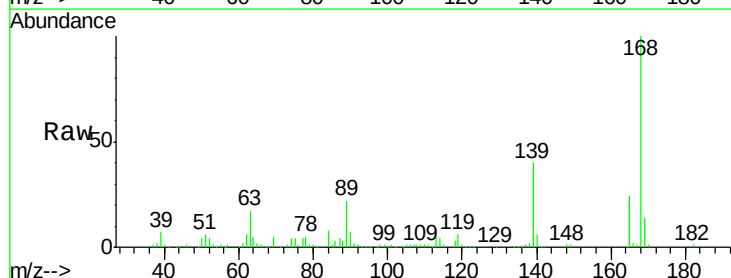


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

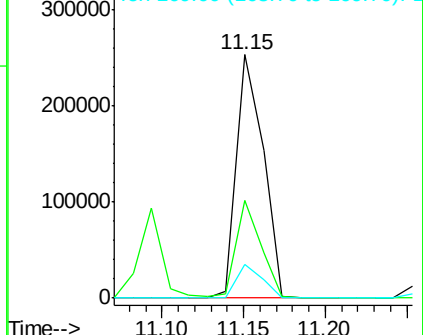
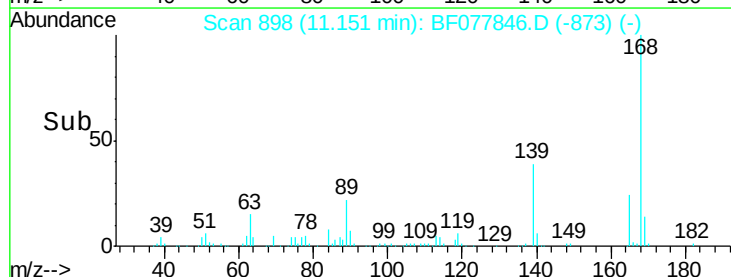


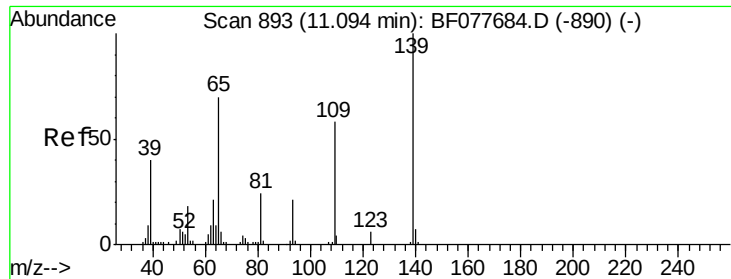
#54
Dibenzofuran
Concen: 35.28 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:168 Resp: 285483
Ion Ratio Lower Upper
168 100
139 40.0 27.3 40.9
169 14.1 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

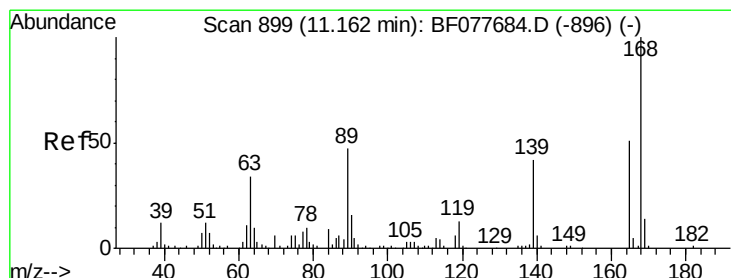
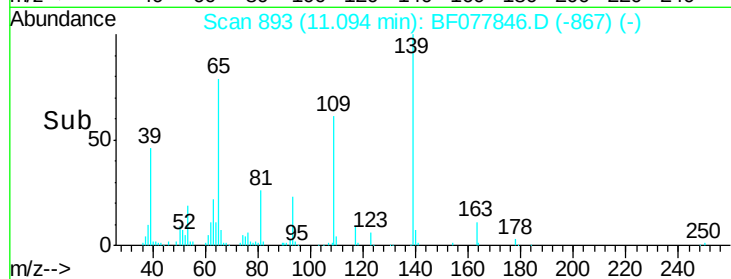
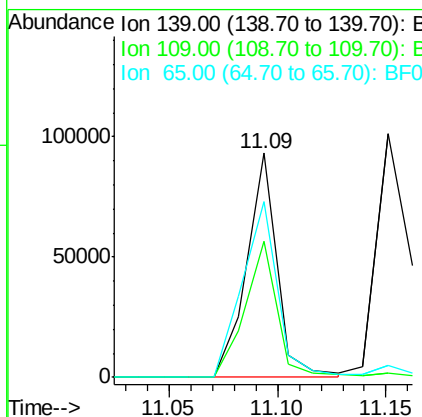
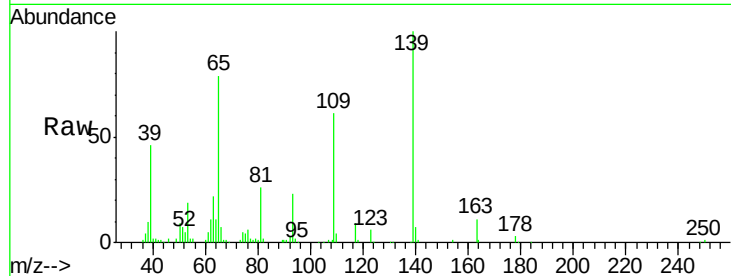




#55
4-Nitrophenol
Concen: 77.73 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

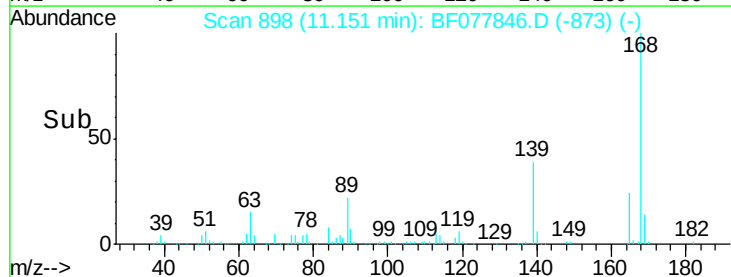
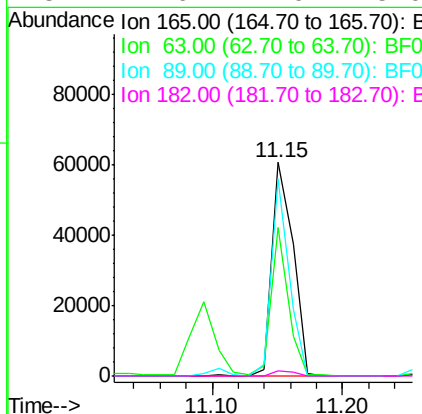
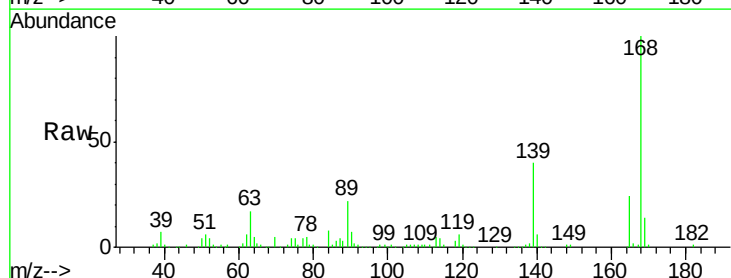
Instrument :
BNA_F
ClientSampled :
PB82188BS

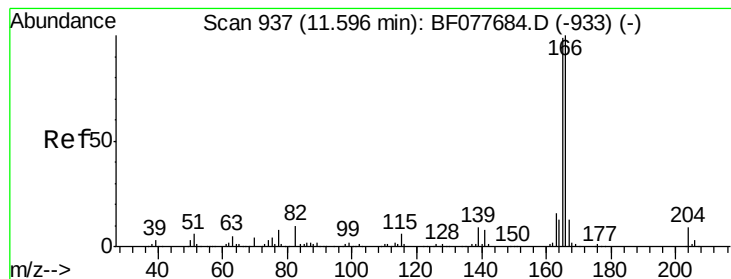
Tot Ion:139 Resp: 90563
Ion Ratio Lower Upper
139 100
109 60.7 37.7 77.7
65 78.8 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 39.38 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:165 Resp: 69547
Ion Ratio Lower Upper
165 100
63 69.3 52.4 78.6
89 92.4 72.4 108.6
182 2.6 2.0 3.0





#57

Fluorene

Concen: 35.06 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

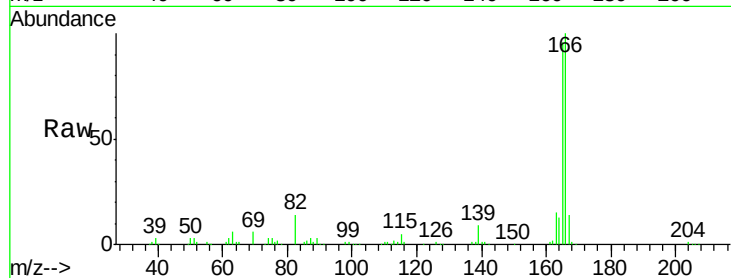
Tot Ion:166 Resp: 235602

Ion Ratio Lower Upper

166 100

165 95.8 79.0 118.4

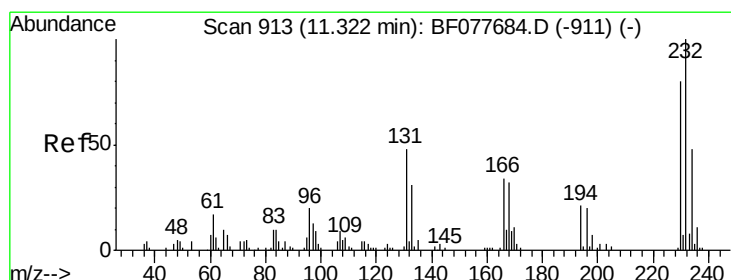
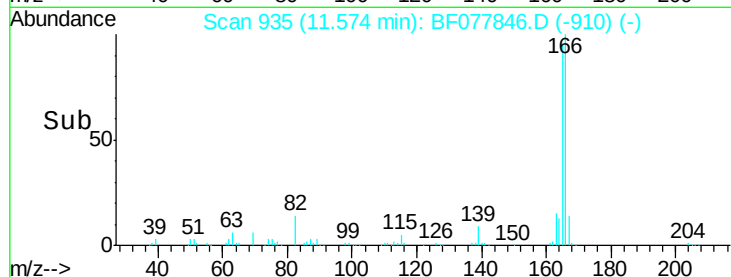
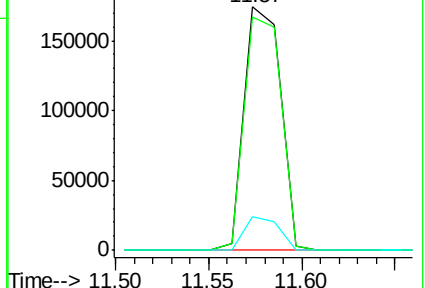
167 13.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.09 ng

RT: 11.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Tgt Ion:232 Resp: 59186

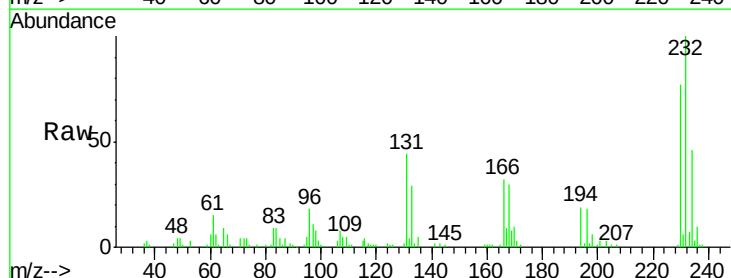
Ion Ratio Lower Upper

232 100

131 44.2 0.0 0.0#

130 1.7 0.0 0.0#

166 31.0 0.0 0.0#

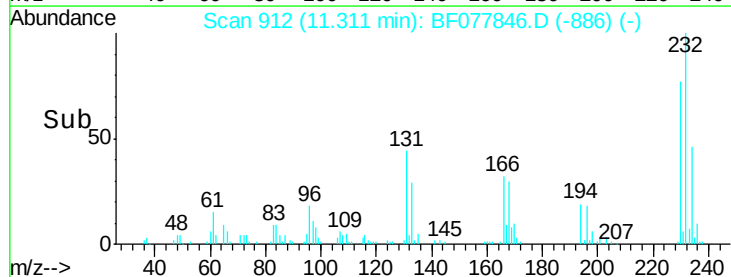
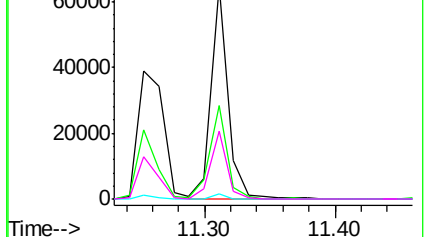


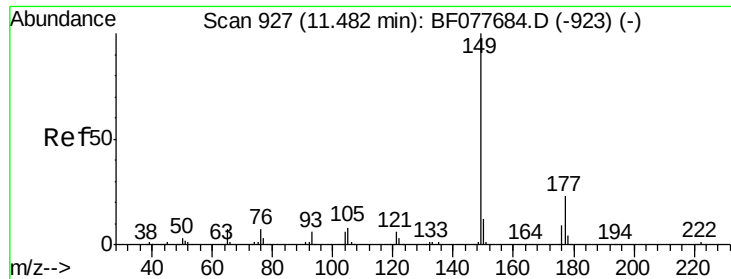
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

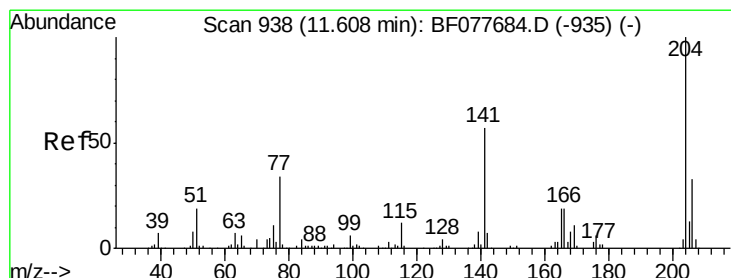
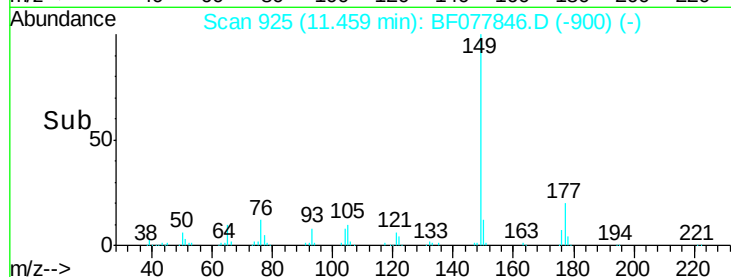
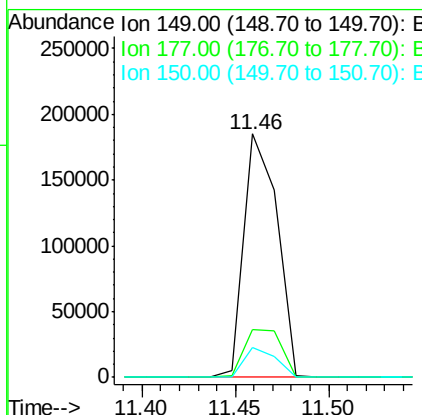
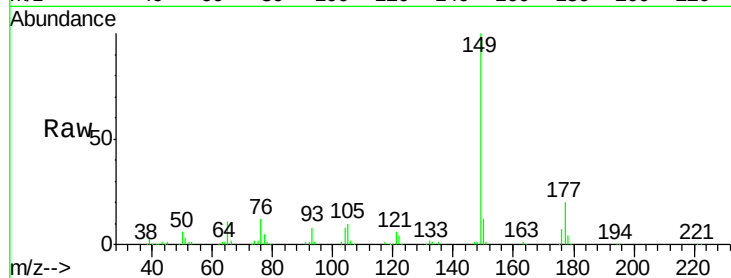




#59
Diethylphthalate
Concen: 36.03 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

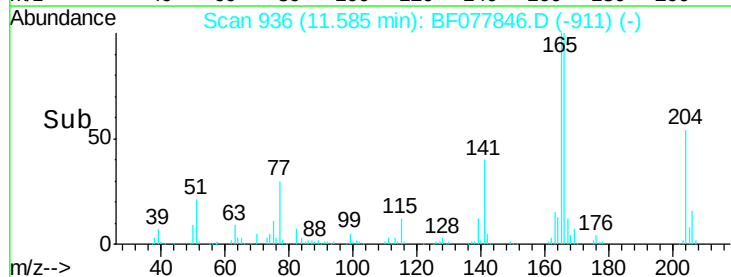
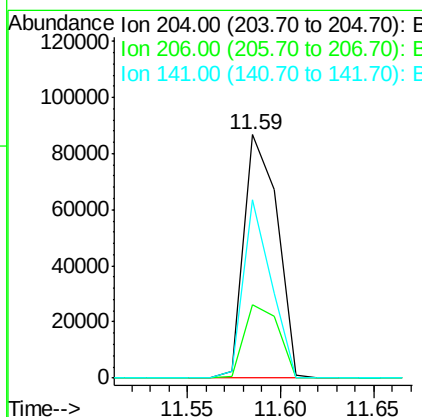
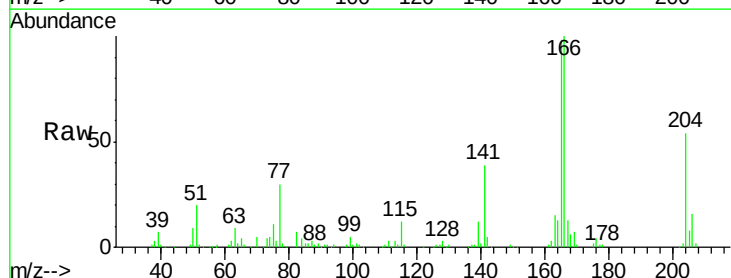
Instrument :
BNA_F
ClientSampleId :
PB82188BS

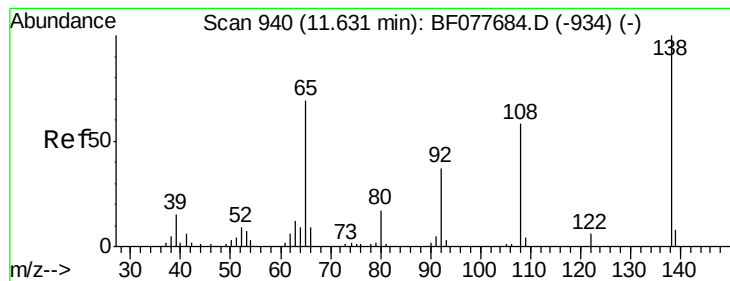
Tot Ion:149 Resp: 229336
Ion Ratio Lower Upper
149 100
177 19.7 18.3 27.5
150 12.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 35.10 ng
RT: 11.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:204 Resp: 107632
Ion Ratio Lower Upper
204 100
206 30.3 26.6 39.8
141 73.2 45.2 67.8#





#61

4-Nitroaniline

Concen: 37.51 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

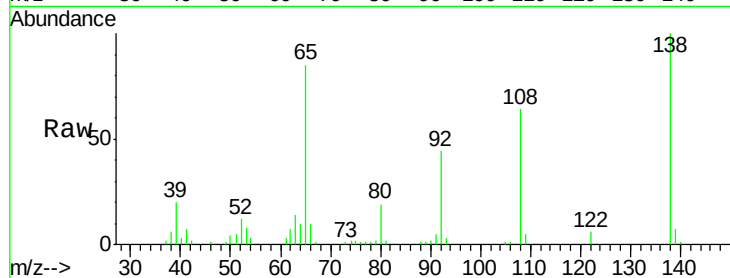
Tot Ion:138 Resp: 58794

Ion Ratio Lower Upper

138 100

92 44.0 16.7 56.7

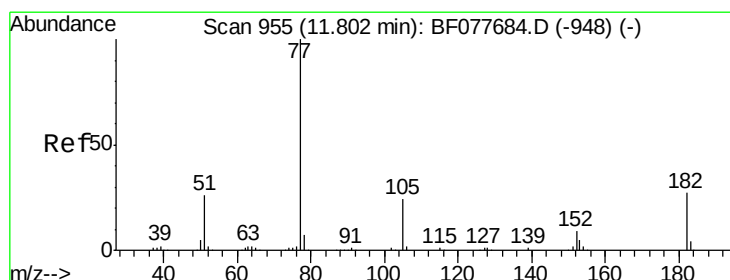
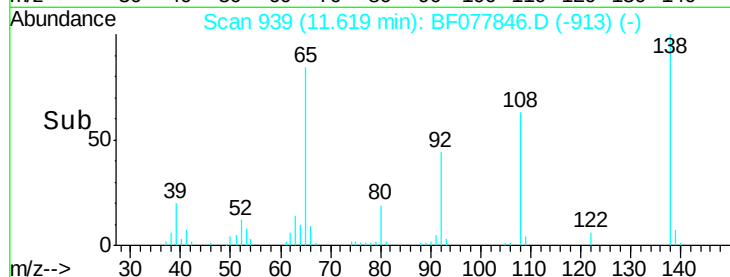
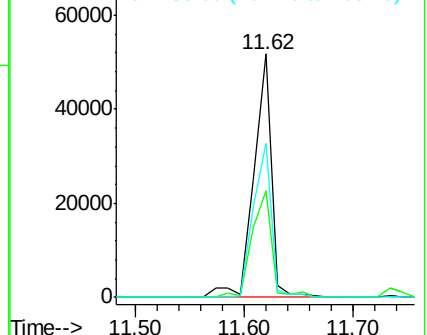
108 63.5 37.6 77.6



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: 36.19 ng

RT: 11.78 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Tgt Ion: 77 Resp: 220175

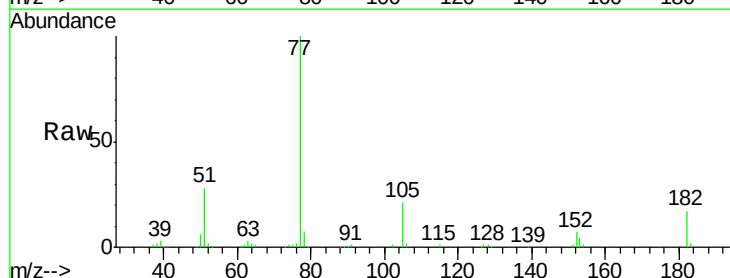
Ion Ratio Lower Upper

77 100

182 16.8 6.5 46.5

105 21.0 3.8 43.8

51 28.1 5.5 45.5

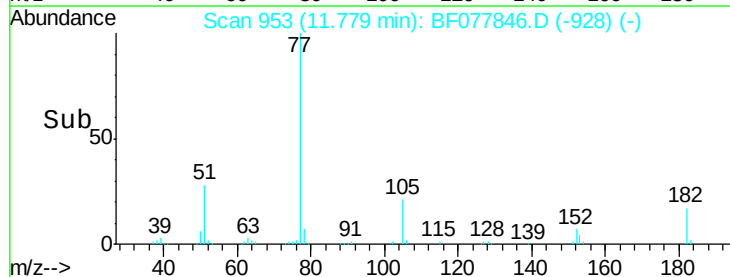
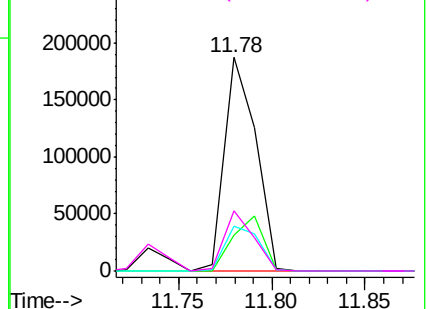


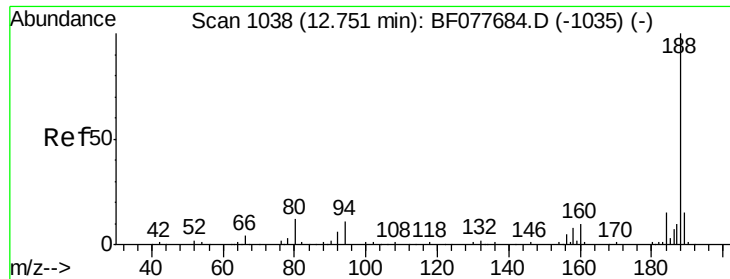
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

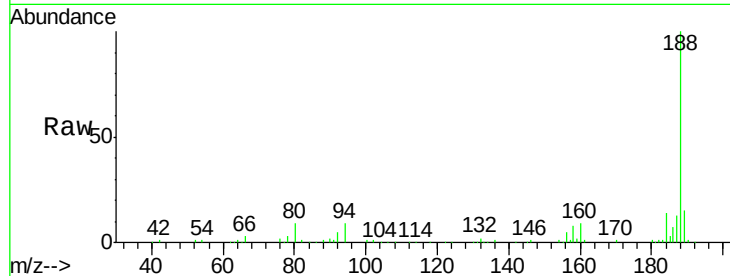




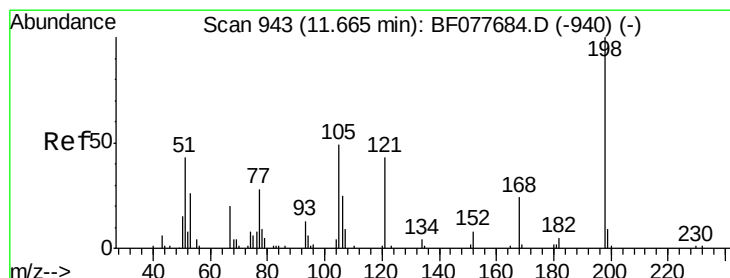
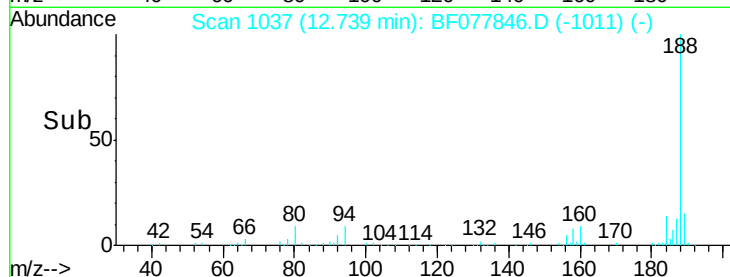
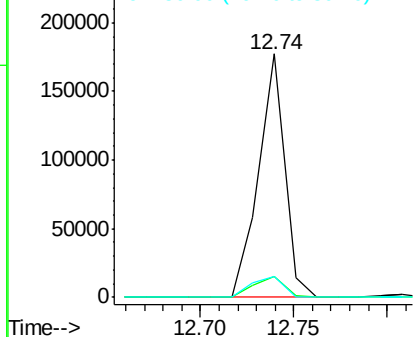
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:188 Resp: 172020
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.7 13.1#
 80 8.7 9.3 13.9#

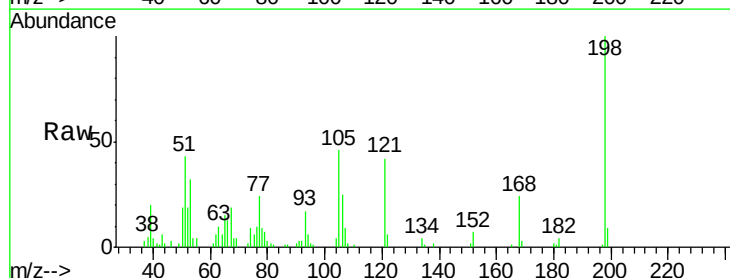


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

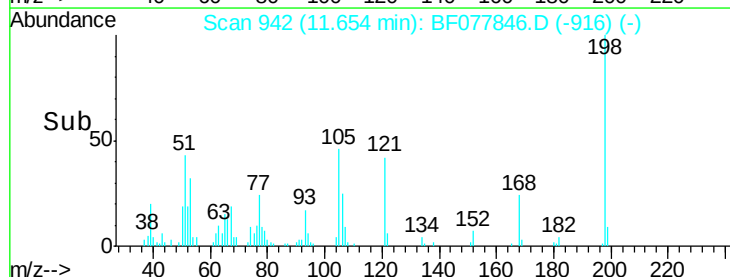
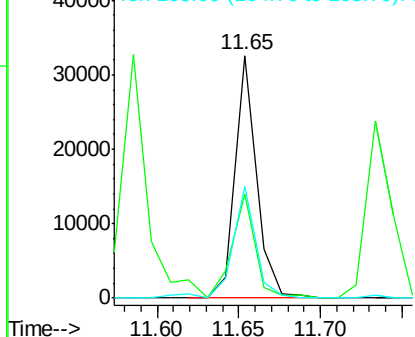


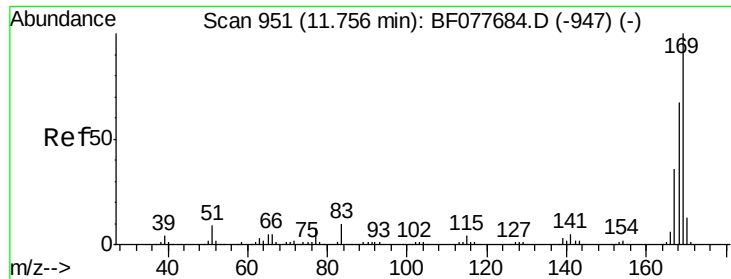
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.28 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:198 Resp: 29422
 Ion Ratio Lower Upper
 198 100
 51 43.1 28.8 68.8
 105 46.1 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

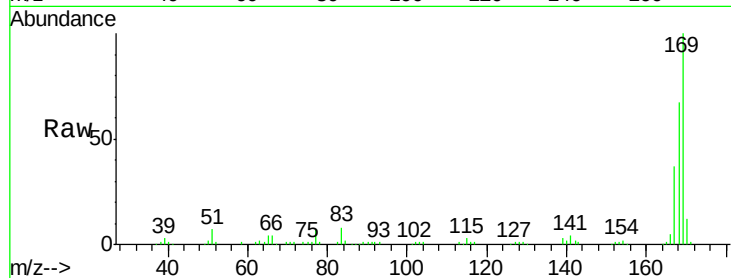




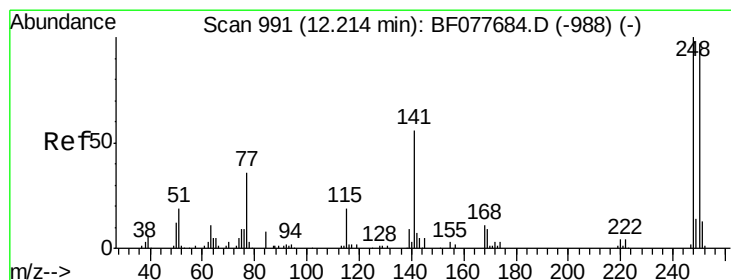
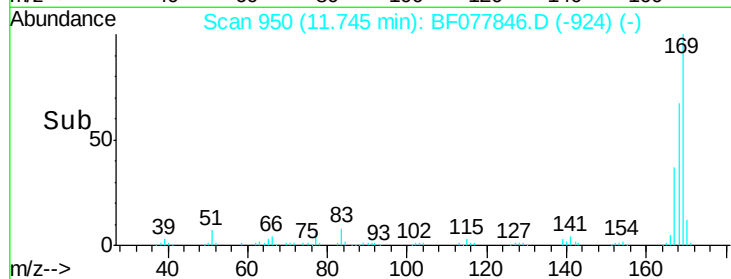
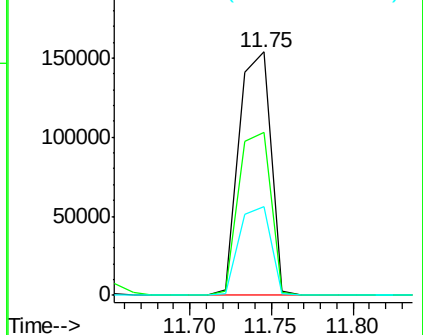
#65
 n-Nitrosodiphenylamine
 Concen: 36.08 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:169 Resp: 206635
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.9 80.9
 167 36.7 28.9 43.3

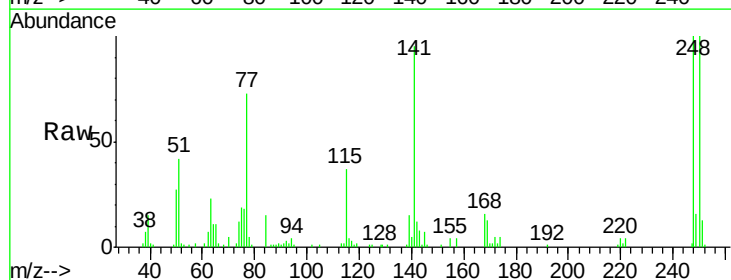


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

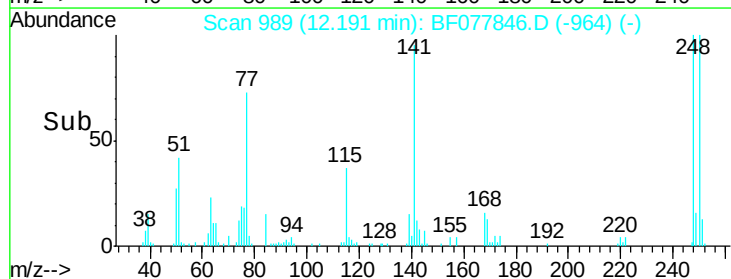
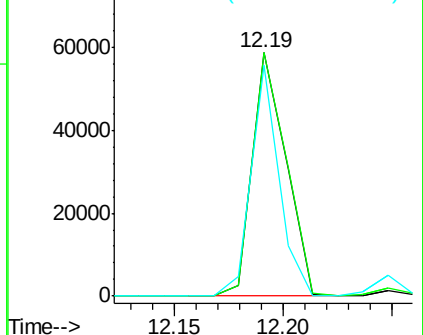


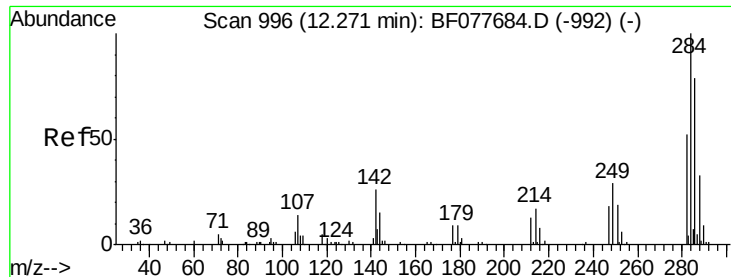
#66
 4-Bromophenyl-phenylether
 Concen: 34.67 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:248 Resp: 63647
 Ion Ratio Lower Upper
 248 100
 250 99.9 77.4 116.0
 141 94.9 45.2 67.8#



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

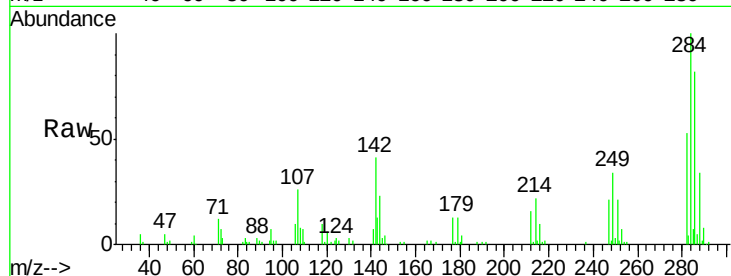




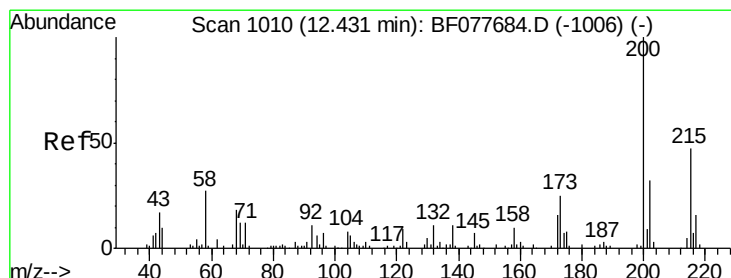
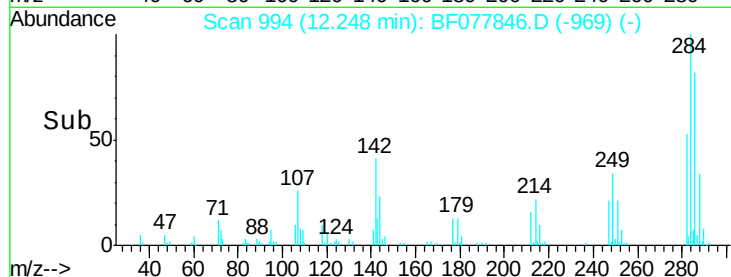
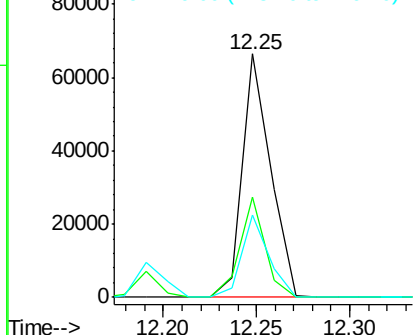
#67
Hexachlorobenzene
Concen: 34.71 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
PB82188BS

Tot Ion:284 Resp: 70023
Ion Ratio Lower Upper
284 100
142 41.3 20.4 30.6#
249 33.9 23.8 35.6

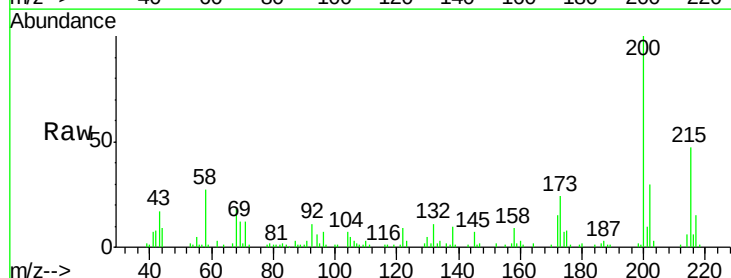


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

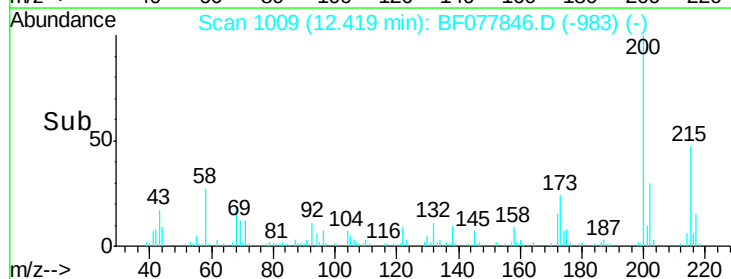
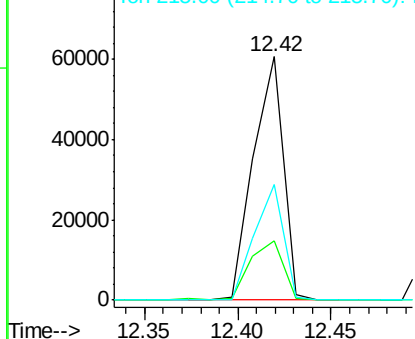


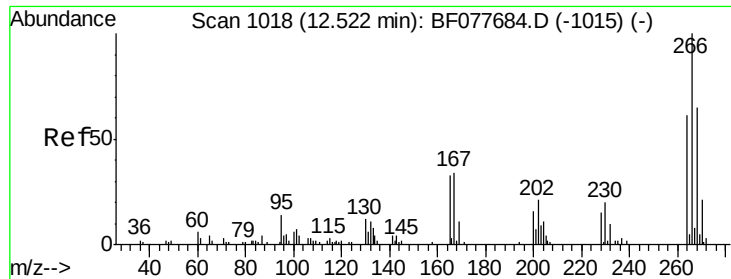
#68
Atrazine
Concen: 41.95 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:200 Resp: 67342
Ion Ratio Lower Upper
200 100
173 24.3 4.8 44.8
215 47.5 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

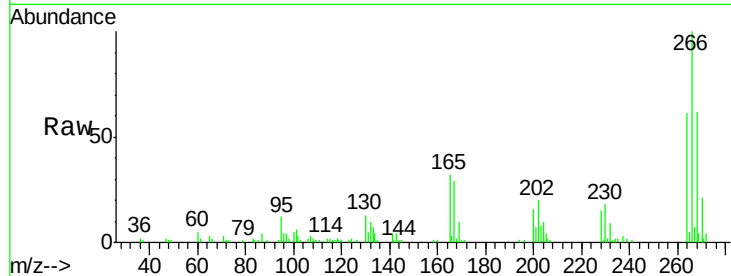




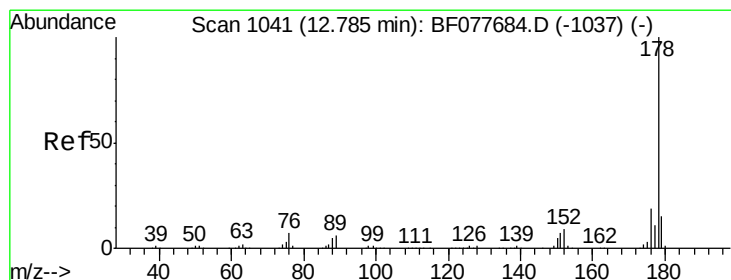
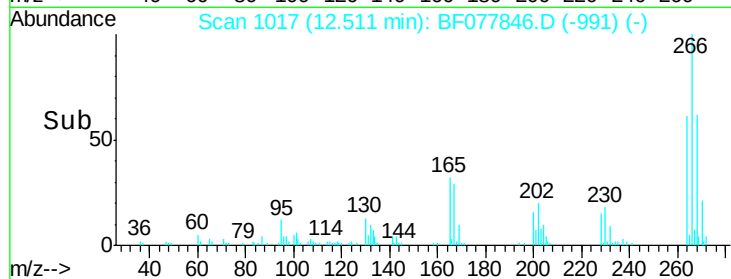
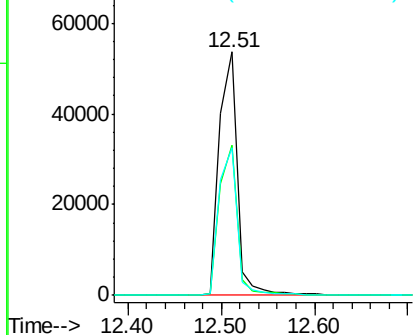
#69
 Pentachlorophenol
 Concen: 68.84 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:266 Resp: 72253
 Ion Ratio Lower Upper
 266 100
 268 61.8 52.0 78.0
 264 60.5 49.0 73.4

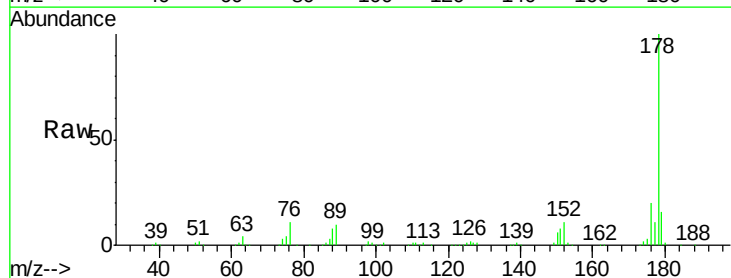


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

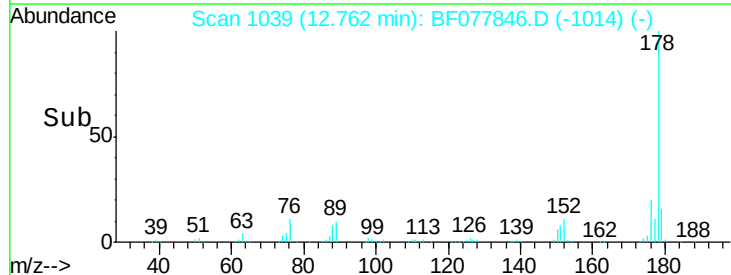
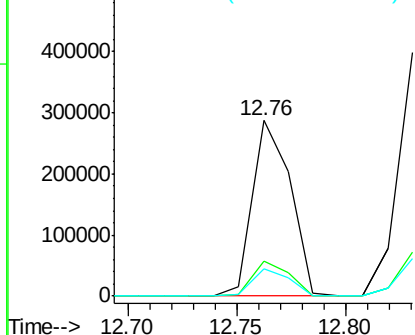


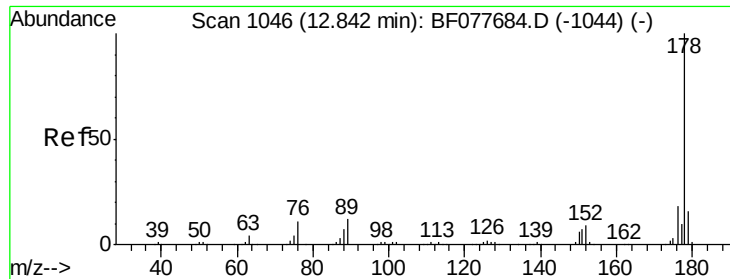
#70
 Phenanthrene
 Concen: 35.38 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:178 Resp: 349373
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.2 22.8
 179 15.7 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

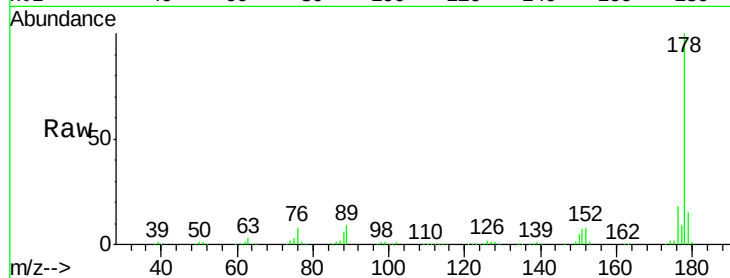




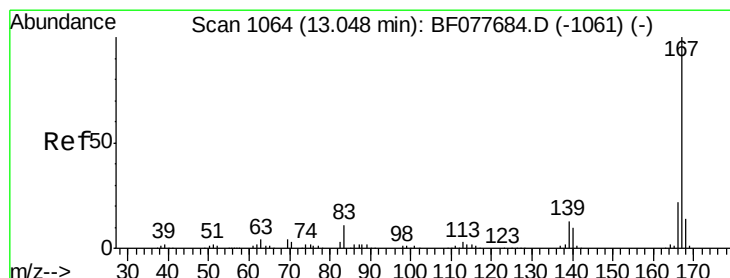
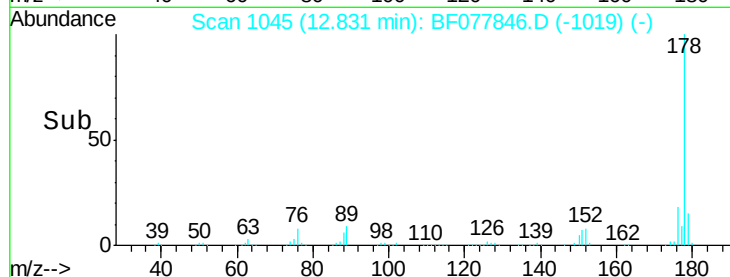
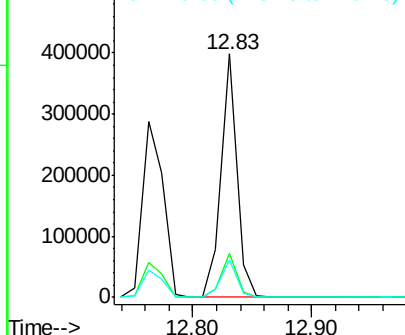
#71
 Anthracene
 Concen: 37.65 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:178 Resp: 367286
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 22.0
 179 15.4 12.6 19.0

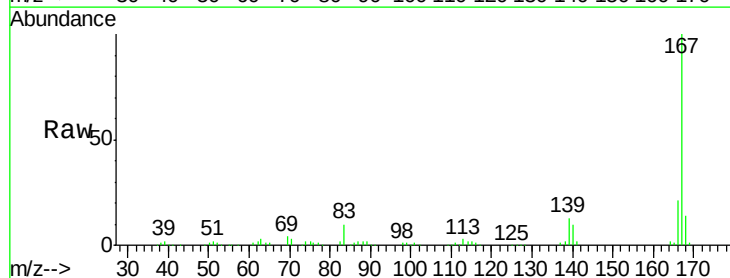


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

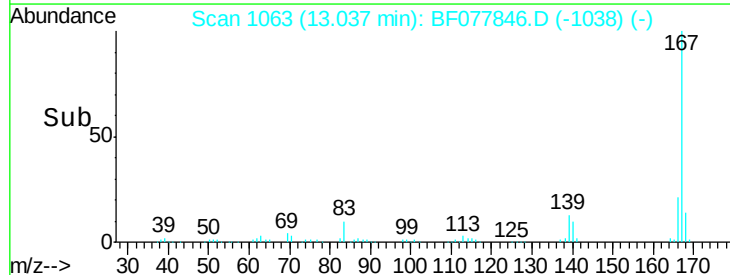
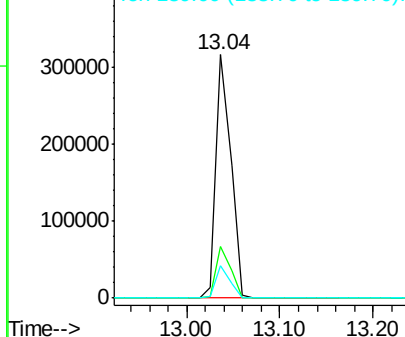


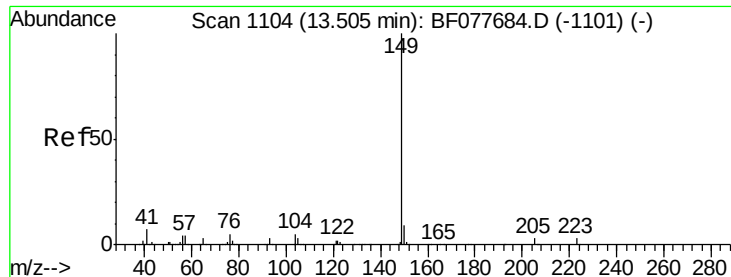
#72
 Carbazole
 Concen: 37.63 ng
 RT: 13.04 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:167 Resp: 349234
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.3 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 37.54 ng

RT: 13.49 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

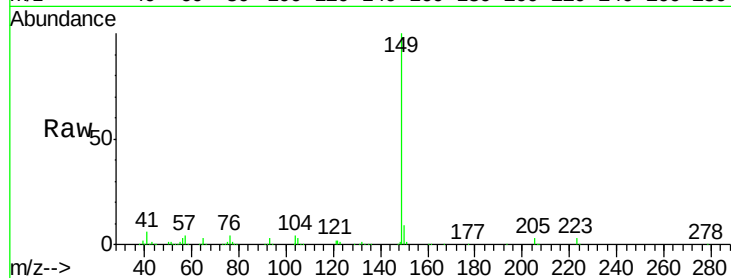
Tot Ion:149 Resp: 390664

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

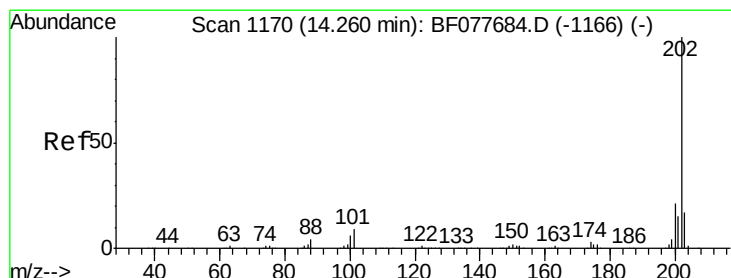
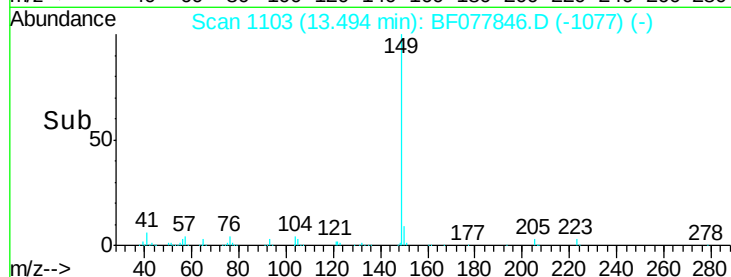
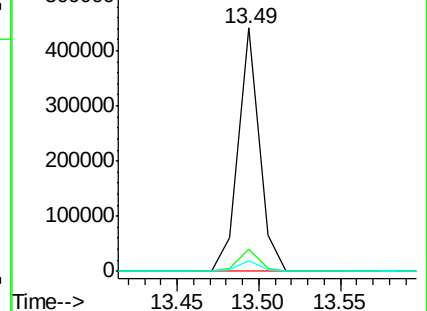
104 4.5 3.7 5.5



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: 36.65 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

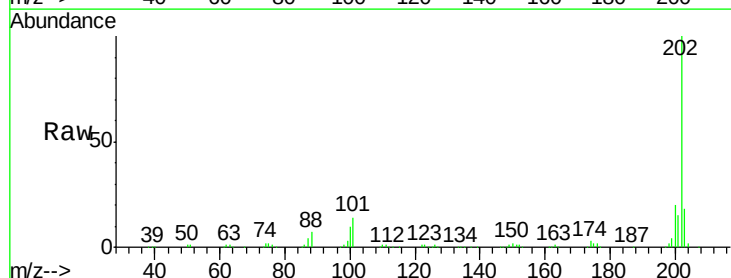
Tgt Ion:202 Resp: 399249

Ion Ratio Lower Upper

202 100

101 13.7 0.0 28.7

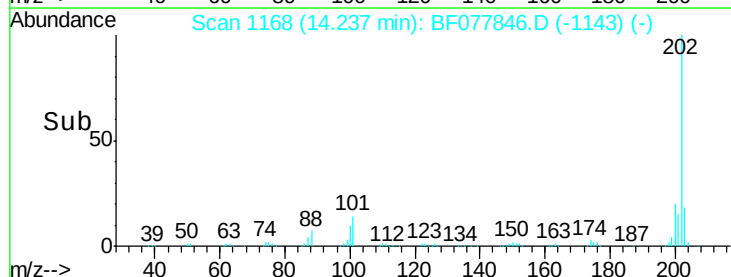
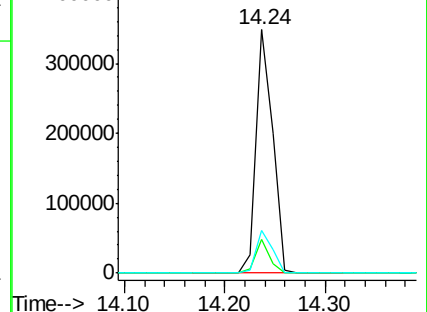
203 17.8 0.0 37.2

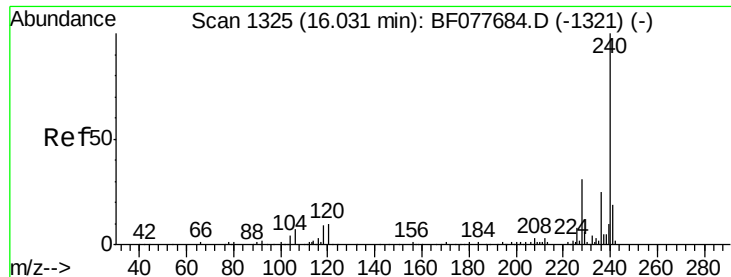


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

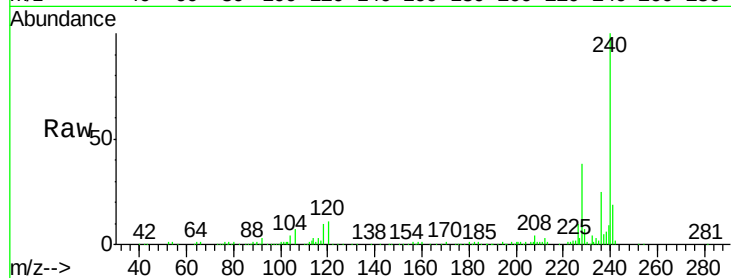
Tot Ion:240 Resp: 187977

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

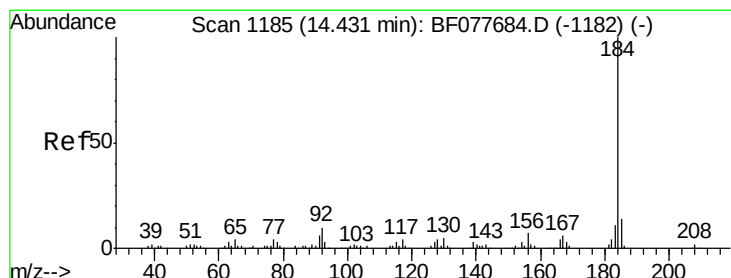
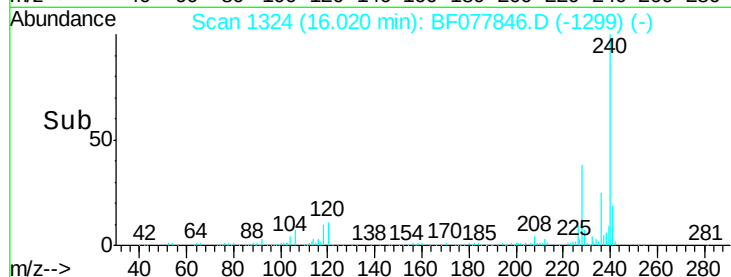
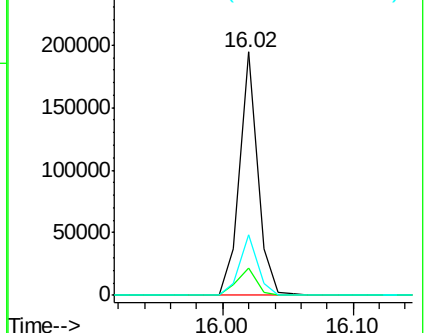
236 24.9 20.0 30.0



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: 32.58 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

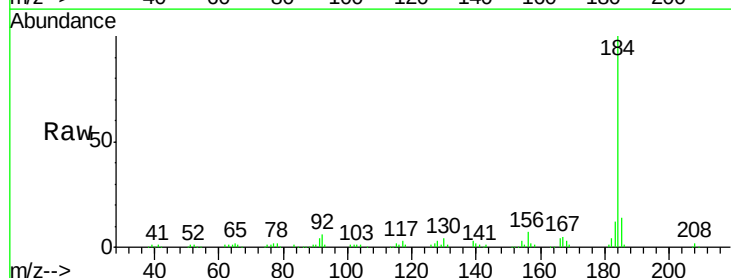
Tgt Ion:184 Resp: 151915

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

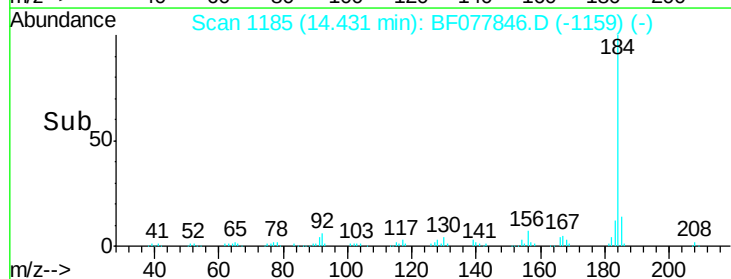
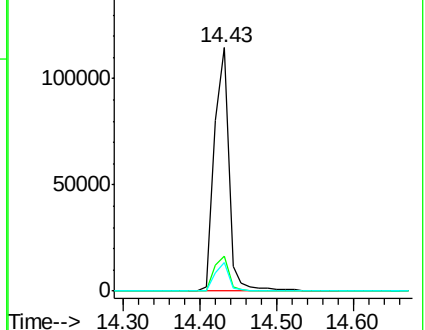
183 11.6 8.9 13.3

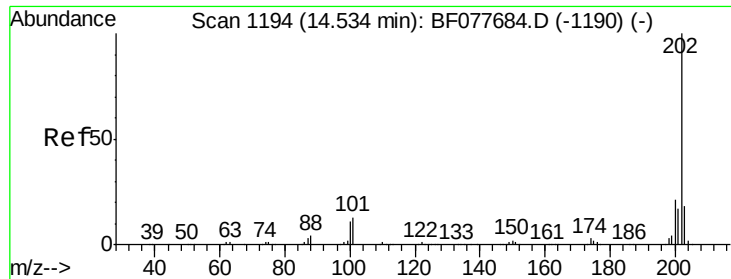


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

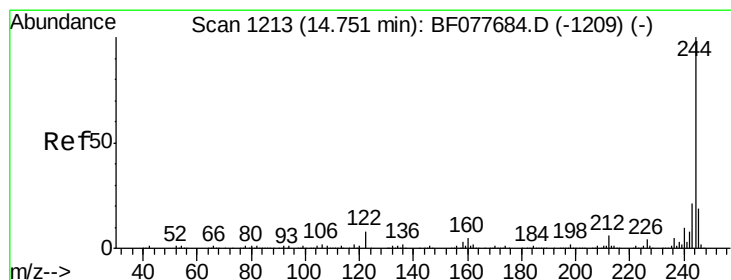
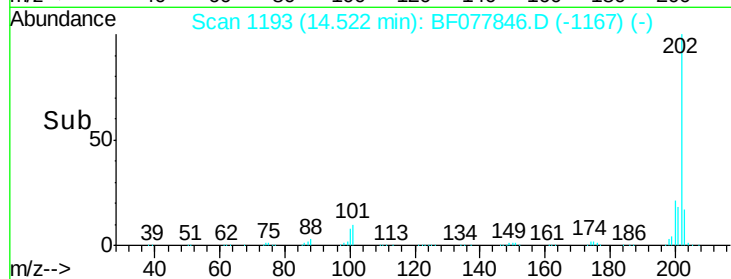
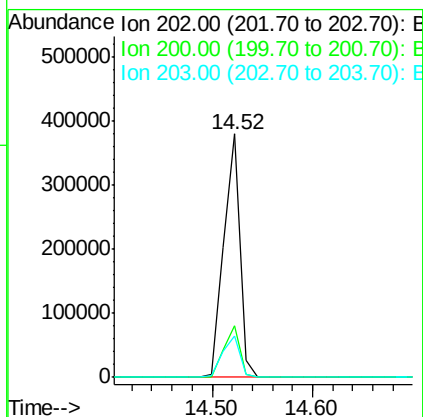
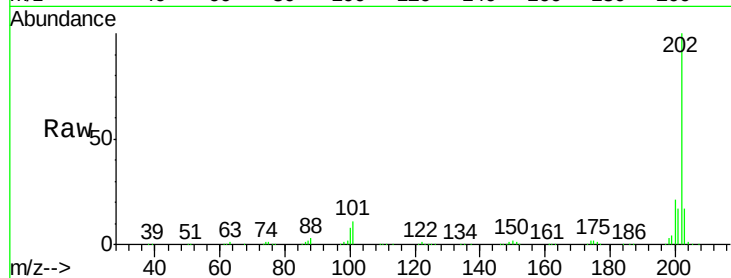




#77
Pvrene
Concen: 35.83 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

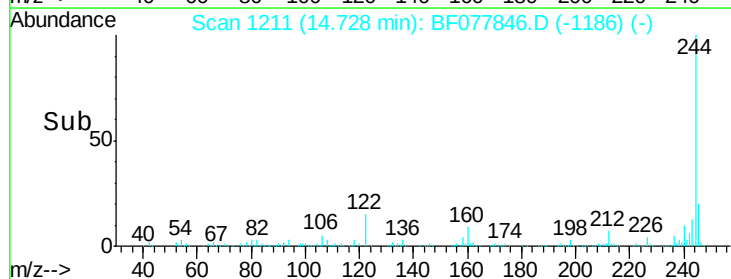
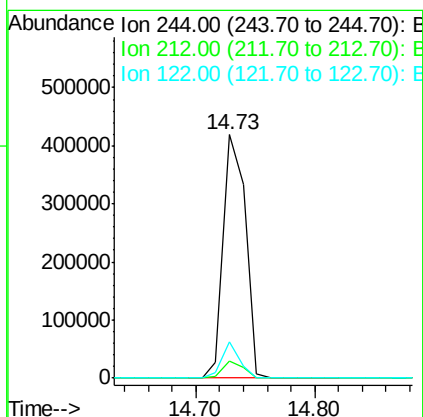
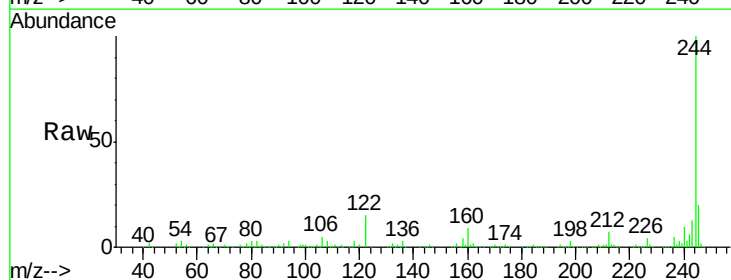
Instrument :
BNA_F
ClientSampleId :
PB82188BS

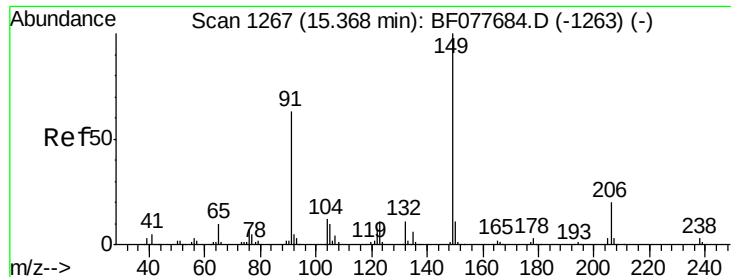
Tot Ion:202 Resp: 423563
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 70.29 ng
RT: 14.73 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:244 Resp: 540907
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 15.1 6.2 9.4#

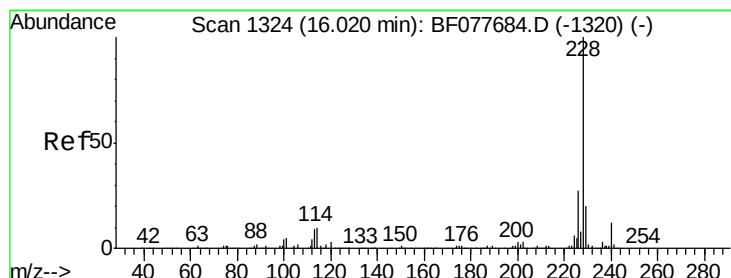
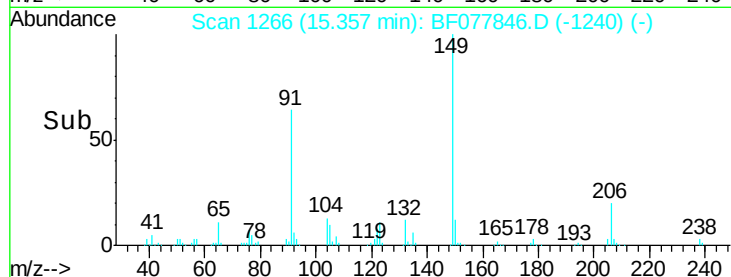
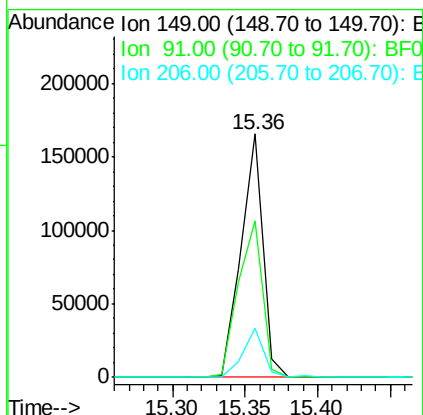
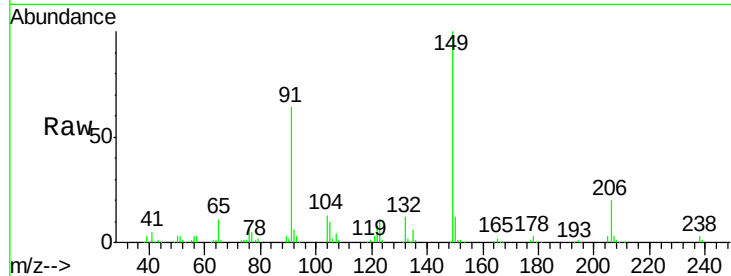




#79
Butylbenzylphthalate
Concen: 37.24 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

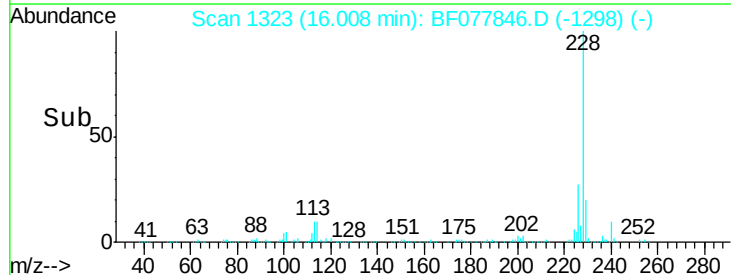
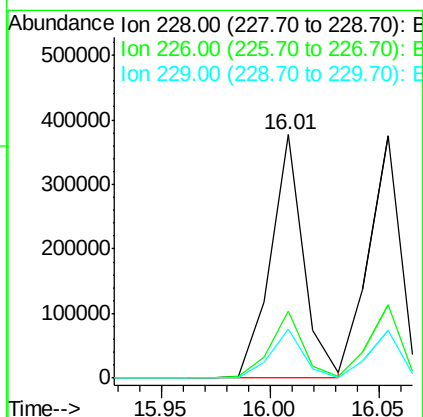
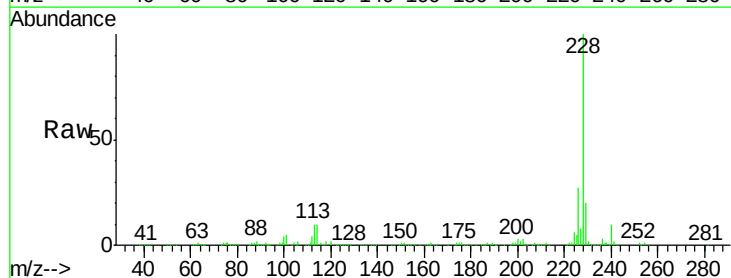
Instrument :
BNA_F
ClientSampleId :
PB82188BS

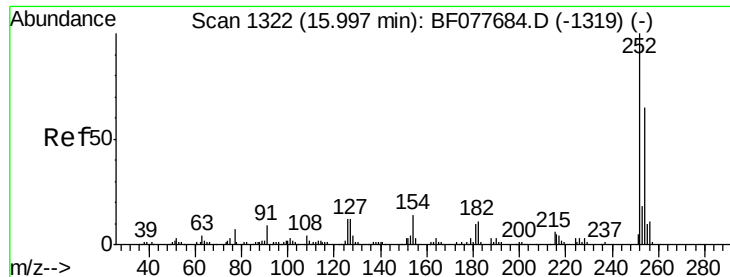
Tot Ion:149 Resp: 173572
Ion Ratio Lower Upper
149 100
91 64.3 50.1 75.1
206 19.9 16.2 24.2



#80
Benzo(a)anthracene
Concen: 35.64 ng
RT: 16.01 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:228 Resp: 397102
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.0 16.0 24.0

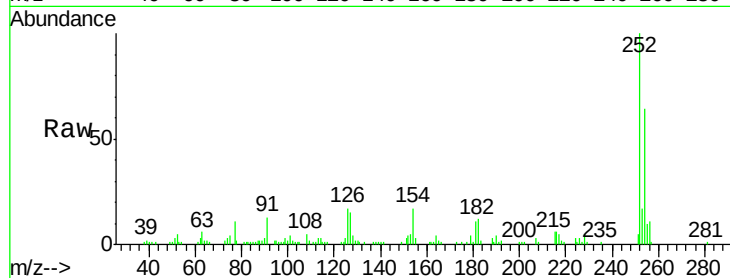




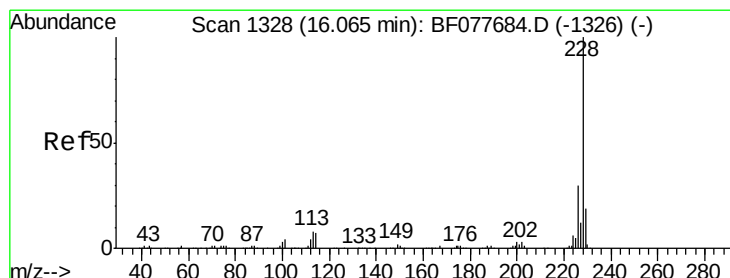
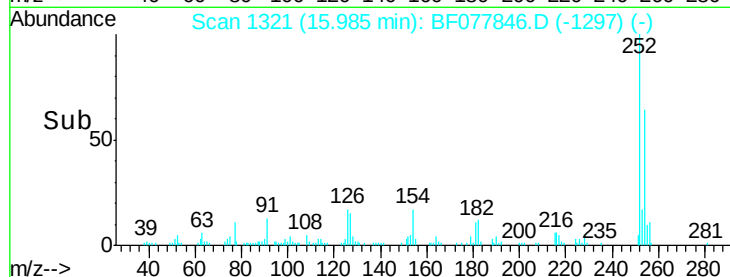
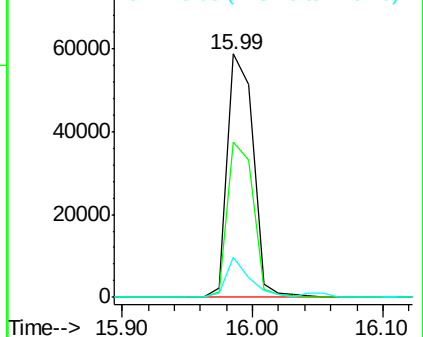
#81
 3,3'-Dichlorobenzidine
 Concen: 21.98 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:252 Resp: 80802
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.9 77.9
 126 16.6 9.8 14.8#

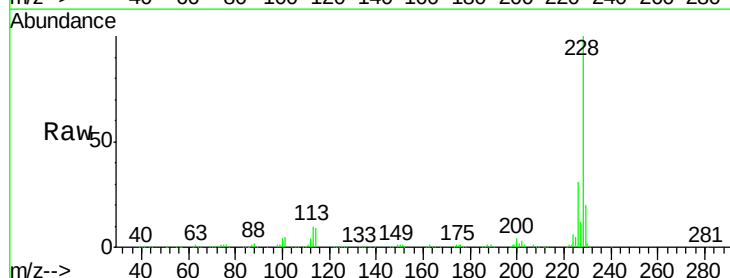


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

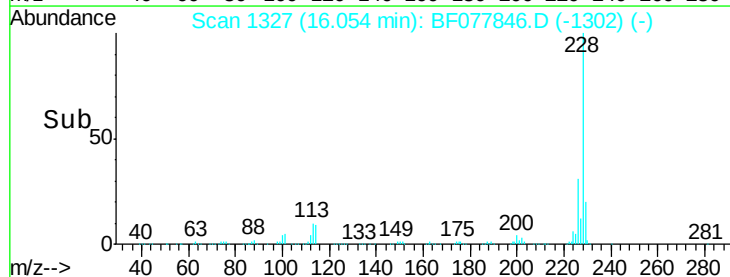
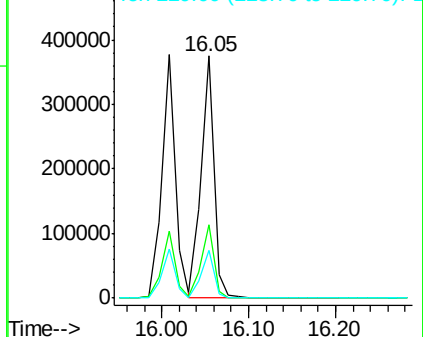


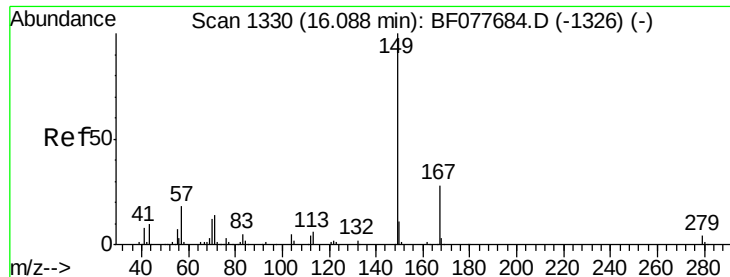
#82
 Chrysene
 Concen: 38.42 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:228 Resp: 384950
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.9 15.5 23.3



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

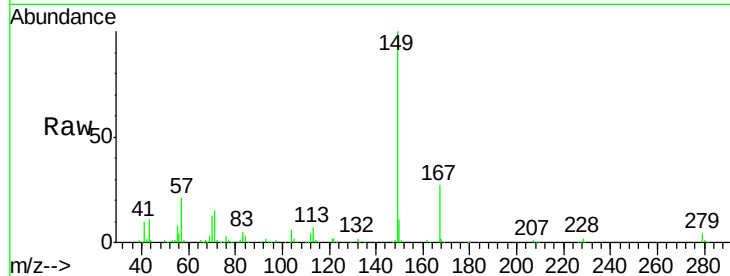




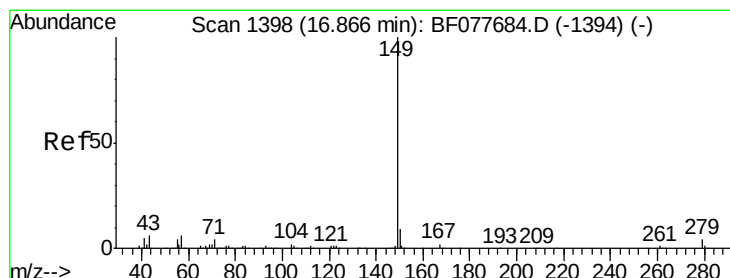
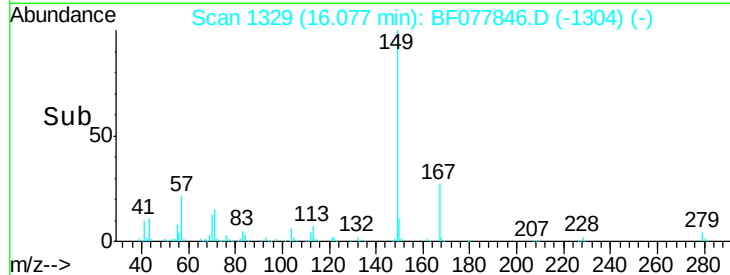
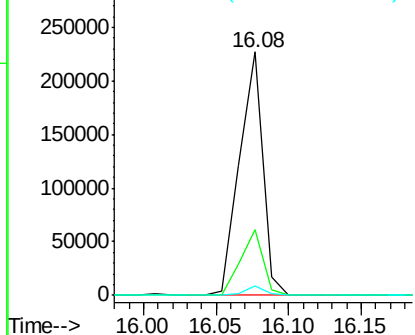
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.95 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion:149 Resp: 253797
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.4 33.6
 279 3.8 3.4 5.0

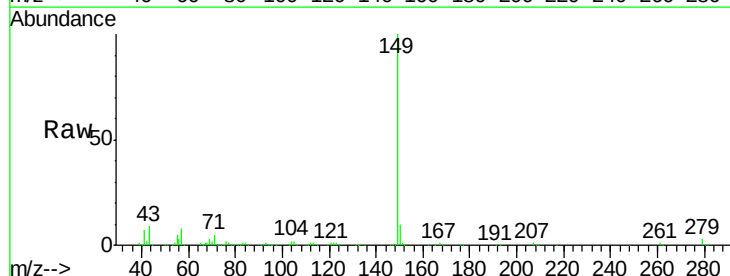


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

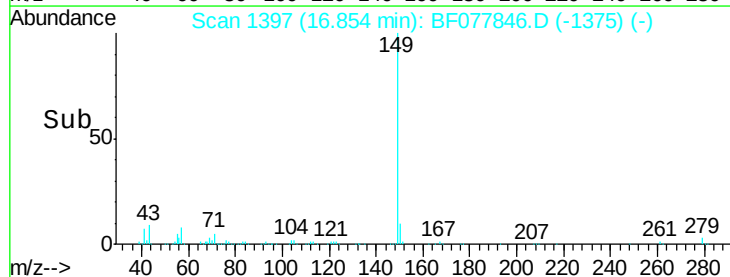
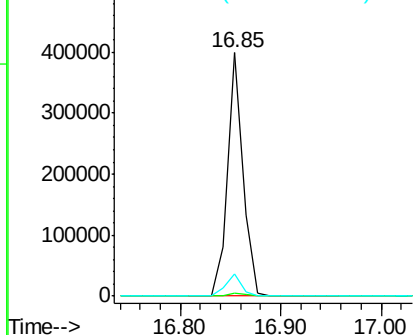


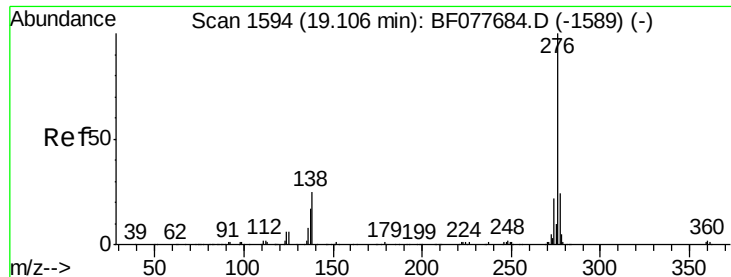
#84
 Di-n-octyl phthalate
 Concen: 35.41 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. -0.05 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Tgt Ion:149 Resp: 427479
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

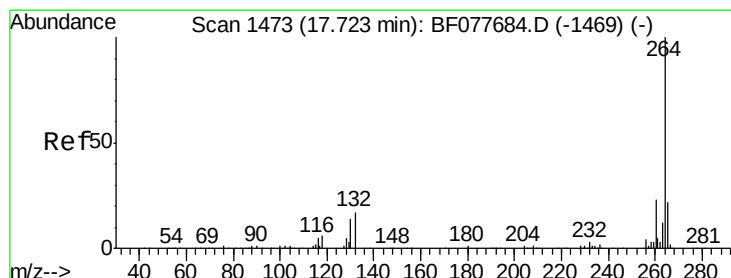
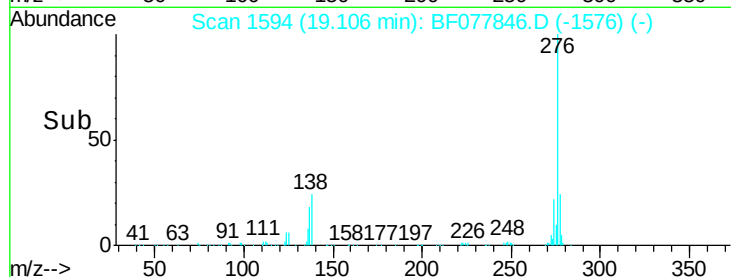
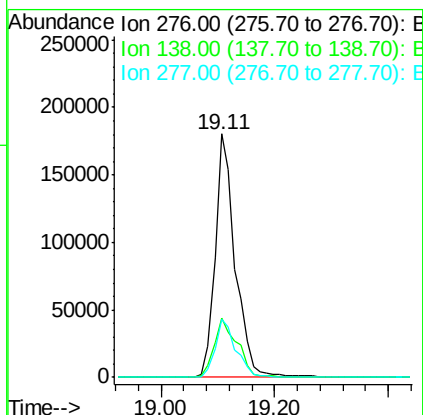
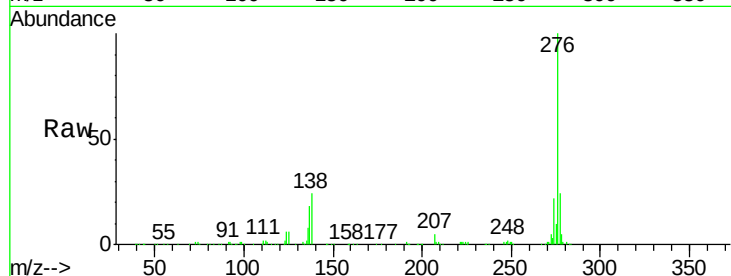




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.24 ng
RT: 19.11 min Scan# 1594
Delta R.T. -0.09 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

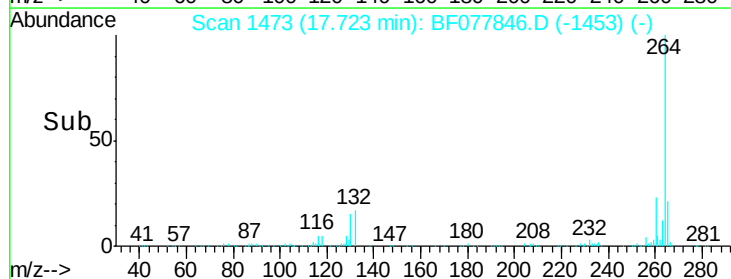
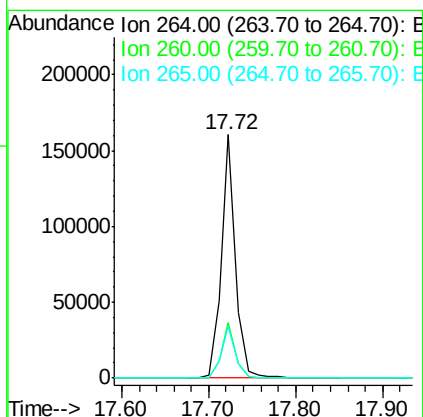
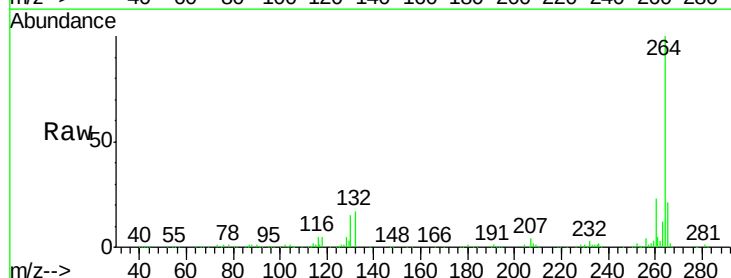
Instrument :
BNA_F
ClientSampleId :
PB82188BS

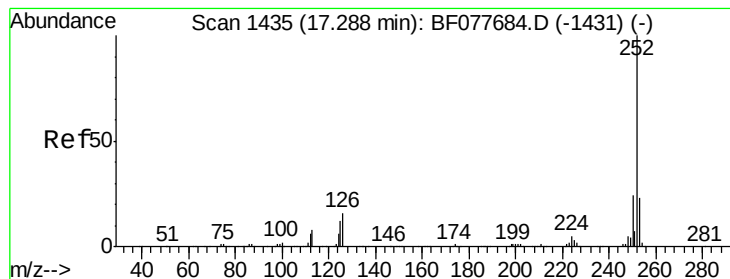
Tot Ion:276 Resp: 440677
Ion Ratio Lower Upper
276 100
138 28.2 0.0 0.0#
277 24.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. -0.07 min
Lab File: BF077846.D
Acq: 19 Mar 2015 22:37

Tgt Ion:264 Resp: 182367
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 32.80 ng

RT: 17.29 min Scan# 1435

Delta R.T. -0.06 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

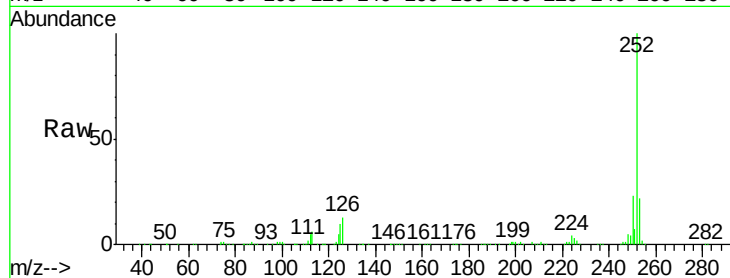
Tot Ion:252 Resp: 390559

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

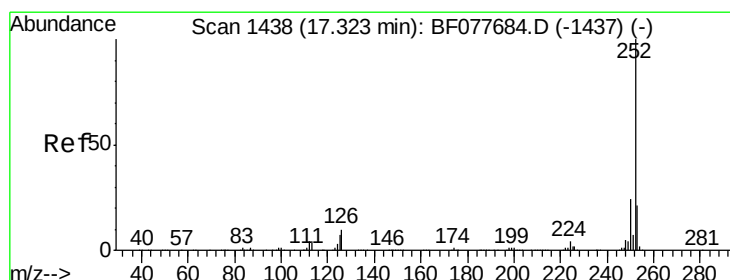
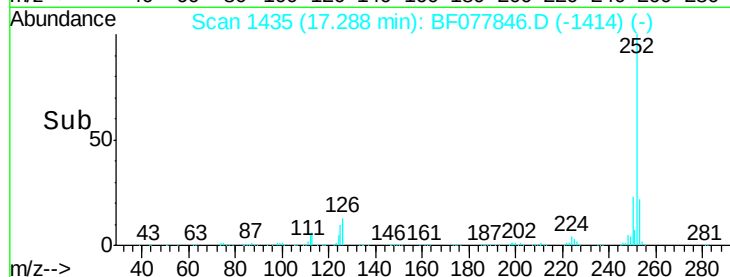
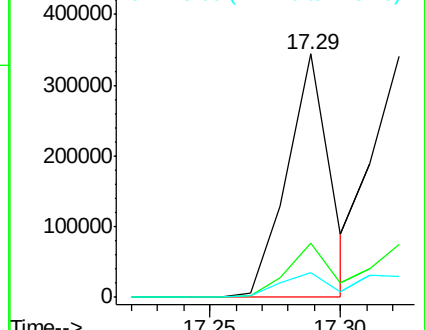
125 10.1 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 43.59 ng m

RT: 17.32 min Scan# 1438

Delta R.T. -0.06 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

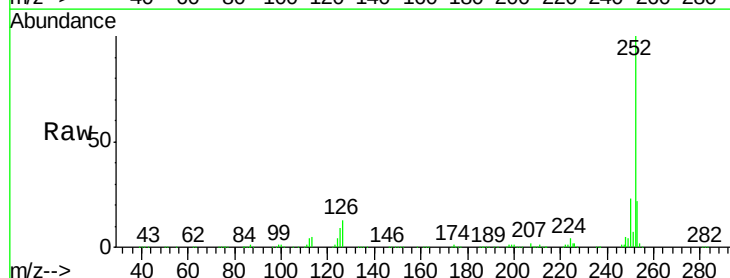
Tgt Ion:252 Resp: 405350

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

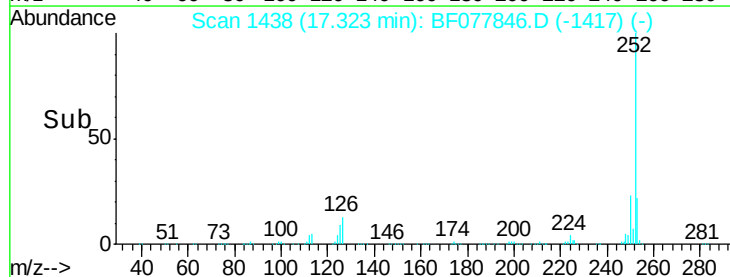
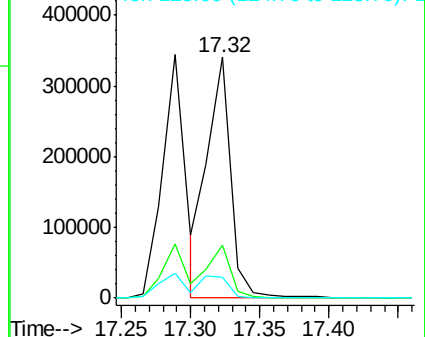
125 8.8 8.1 12.1

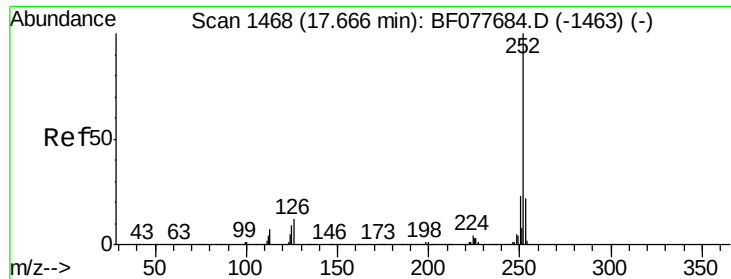


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.07 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

PB82188BS

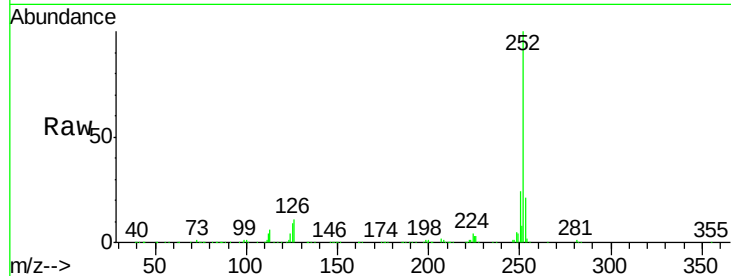
Tot Ion:252 Resp: 388798

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

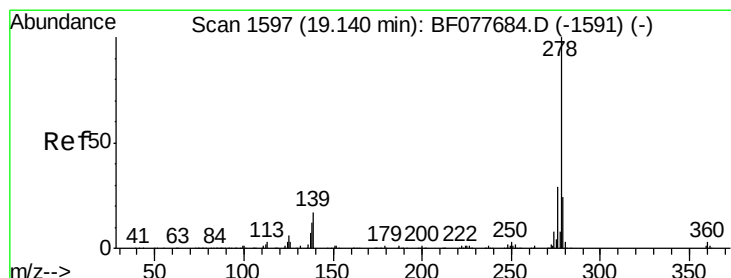
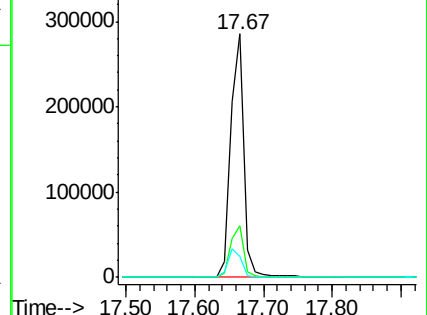
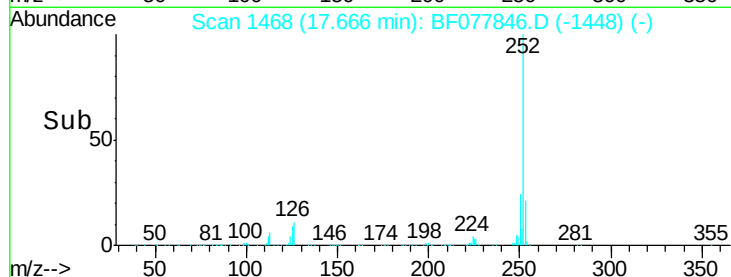
125 8.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.96 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.09 min

Lab File: BF077846.D

Acq: 19 Mar 2015 22:37

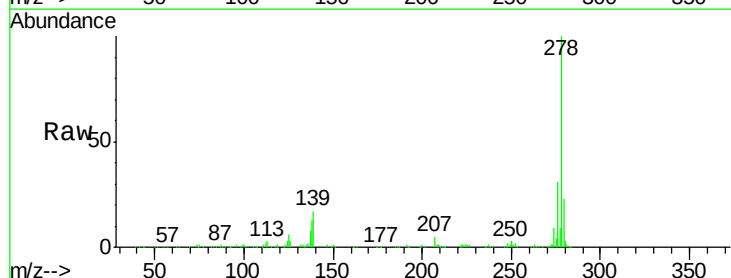
Tgt Ion:278 Resp: 364146

Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

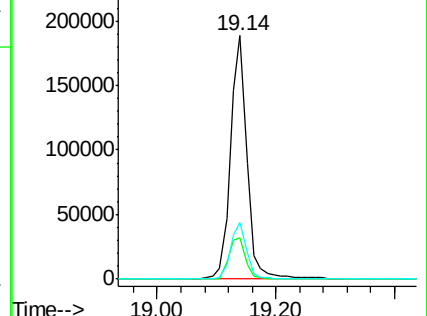
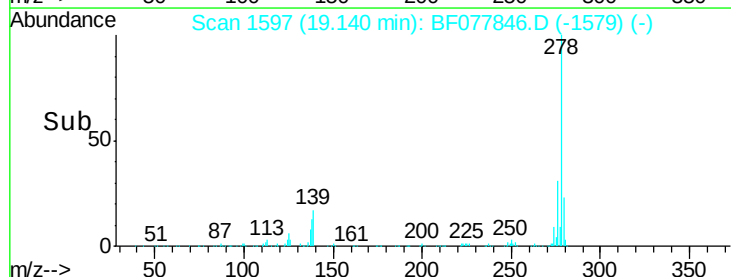
279 23.4 19.0 28.4

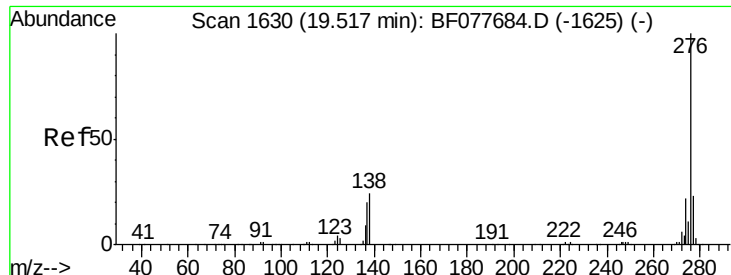


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.05 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. -0.09 min
 Lab File: BF077846.D
 Acq: 19 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.8	18.5	27.7	
138	23.6	19.0	28.6	

