

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077781.D
 Acq On : 17 Mar 2015 19:45
 Operator : TP/IZ
 Sample : PB82152BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Quant Time: Mar 18 02:15:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	40271	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	159733	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	79747	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	149011	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	164382	20.00	ng	0.00
86) Perylene-d12	17.73	264	159414	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	289782	125.60	ng	0.00
7) Phenol-d6	6.73	99	359187	126.01	ng	0.00
23) Nitrobenzene-d5	7.86	82	201896	82.85	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	86455	113.31	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	444492	81.91	ng	0.00
78) Terphenyl-d14	14.74	244	507527	75.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	37578	35.87	ng	# 100
3) Pyridine	2.76	79	87829	31.21	ng	94
4) n-Nitrosodimethylamine	2.68	42	45941	37.49	ng	94
6) Aniline	6.75	93	80303	19.70	ng	# 58
8) 2-Chlorophenol	6.89	128	107481	39.14	ng	99
9) Benzaldehyde	6.60	77	7200	6.17	ng	95
10) Phenol	6.74	94	125355	37.20	ng	94
11) bis(2-Chloroethyl)ether	6.85	93	99170	39.29	ng	96
12) 1,3-Dichlorobenzene	7.08	146	117287	38.40	ng	99
13) 1,4-Dichlorobenzene	7.18	146	115986	36.55	ng	99
14) 1,2-Dichlorobenzene	7.37	146	110069	37.83	ng	100
15) Benzyl Alcohol	7.34	79	83950	37.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	127953	37.62	ng	99
17) 2-Methylphenol	7.49	107	84621	37.85	ng	97
18) Hexachloroethane	7.78	117	38540	37.03	ng	98
19) n-Nitroso-di-n-propylamine	7.68	70	68370	34.67	ng	96
20) 3+4-Methylphenols	7.69	107	109050	37.17	ng	96
22) Acetophenone	7.66	105	141140	39.91	ng	# 98
24) Nitrobenzene	7.88	77	101092	38.51	ng	# 78
25) Isophorone	8.18	82	186843	37.97	ng	99
26) 2-Nitrophenol	8.27	139	50961	39.65	ng	95
27) 2,4-Dimethylphenol	8.34	122	96265	41.11	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	120958	40.49	ng	97
29) 2,4-Dichlorophenol	8.57	162	88963	39.86	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	96197	38.52	ng	98
31) Naphthalene	8.76	128	313730	38.24	ng	100
32) Benzoic acid	8.44	122	43126	33.98	ng	95
33) 4-Chloroaniline	8.84	127	77209	23.19	ng	97
34) Hexachlorobutadiene	8.92	225	51638	36.48	ng	95
35) Caprolactam	9.26	113	26402	40.48	ng	88
36) 4-Chloro-3-methylphenol	9.45	107	90332	40.23	ng	86
37) 2-Methylnaphthalene	9.62	142	209424	38.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	92670	38.96	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	88563	74.60	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

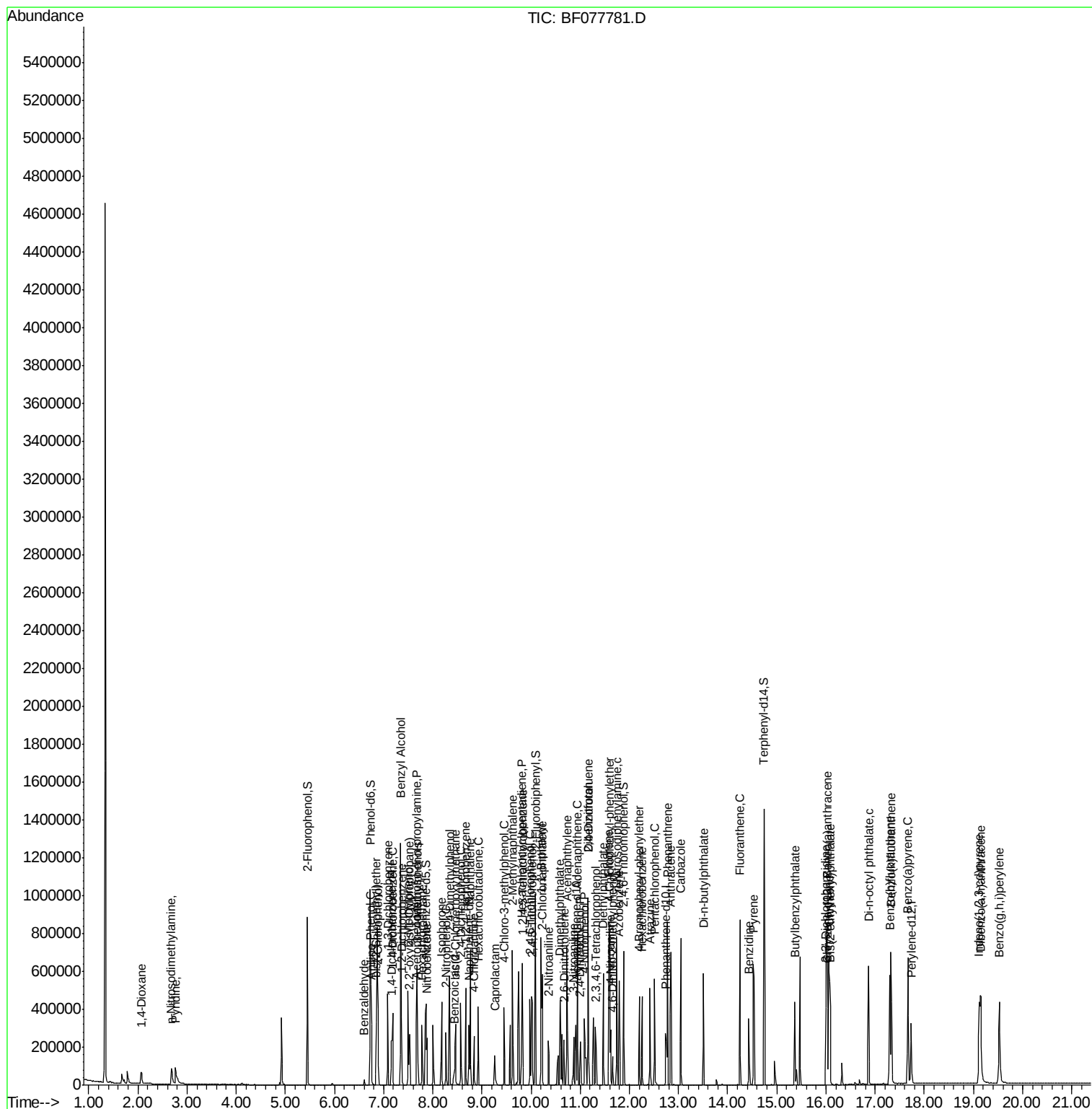
42) 2,4,6-Trichlorophenol	9.97	196	62620	38.01	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	66093	37.13	nq	# 90
45) 1,1'-Biphenyl	10.20	154	246238	38.63	nq	98
46) 2-Chloronaphthalene	10.22	162	203404	39.26	nq	98
47) 2-Nitroaniline	10.35	65	49325	38.34	nq	# 80
48) Acenaphthylene	10.73	152	308839	35.85	nq	100
49) Dimethylphthalate	10.59	163	216590	36.62	nq	100
50) 2,6-Dinitrotoluene	10.67	165	47881	39.05	nq	# 72
51) Acenaphthene	10.94	154	180638	36.57	nq	99
52) 3-Nitroaniline	10.86	138	39674	27.86	nq	85
53) 2,4-Dinitrophenol	11.00	184	34711	77.36	nq	# 74
54) Dibenzofuran	11.16	168	278809	38.06	nq	95
55) 4-Nitrophenol	11.08	139	81741	77.50	nq	# 65
56) 2,4-Dinitrotoluene	11.16	165	65177	40.77	nq	# 81
57) Fluorene	11.59	166	227144	37.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	52166	38.06	nq	# 100
59) Diethylphthalate	11.47	149	218982	38.00	nq	99
60) 4-Chlorophenyl-phenylether	11.60	204	100083	36.05	nq	93
61) 4-Nitroaniline	11.62	138	54418	38.35	nq	85
62) Azobenzene	11.79	77	211241	38.35	nq	94
64) 4,6-Dinitro-2-methylphenol	11.65	198	23006	34.07	nq	# 72
65) n-Nitrosodiphenylamine	11.75	169	198727	40.05	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	63817	40.13	nq	# 93
67) Hexachlorobenzene	12.26	284	65969	37.75	nq	# 90
68) Atrazine	12.42	200	59340	42.68	nq	95
69) Pentachlorophenol	12.51	266	70645	77.30	nq	97
70) Phenanthrene	12.77	178	342339	40.02	nq	99
71) Anthracene	12.84	178	344456	40.76	nq	99
72) Carbazole	13.05	167	341748	42.51	nq	98
73) Di-n-butylphthalate	13.51	149	349545	38.78	nq	99
74) Fluoranthene	14.25	202	368397	39.04	nq	96
76) Benzidine	14.43	184	149053	36.62	nq	98
77) Pyrene	14.53	202	393018	38.02	nq	99
79) Butylbenzylphthalate	15.37	149	151454	37.16	nq	94
80) Benzo(a)anthracene	16.02	228	384025	39.41	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	85095	26.47	nq	100
82) Chrysene	16.07	228	352973	40.29	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	216193	35.02	nq	99
84) Di-n-octyl phthalate	16.87	149	354828	33.62	nq	100
85) Indeno(1,2,3-cd)pyrene	19.12	276	393459	35.98	nq	# 100
87) Benzo(b)fluoranthene	17.30	252	374546	35.99	nq	# 95
88) Benzo(k)fluoranthene	17.32	252	354186m	43.57	nq	
89) Benzo(a)pyrene	17.67	252	348756	40.16	nq	# 96
90) Dibenzo(a,h)anthracene	19.15	278	324834	37.72	nq	100
91) Benzo(g,h,i)perylene	19.53	276	333736	38.06	nq	98

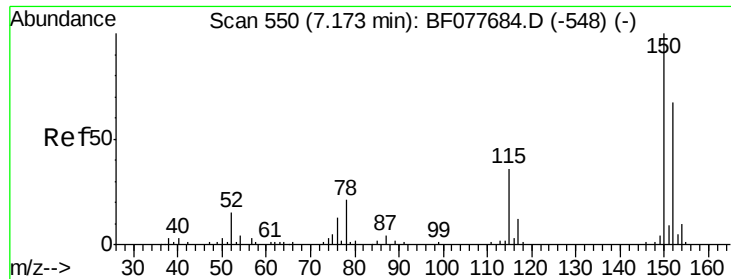
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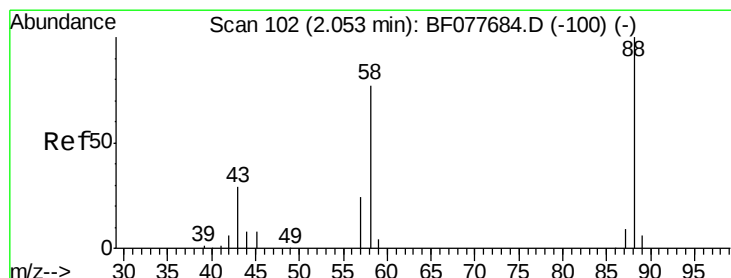
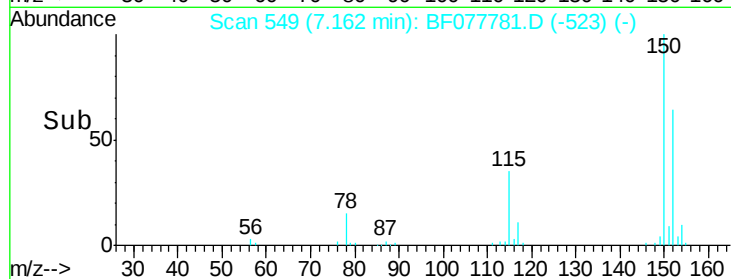
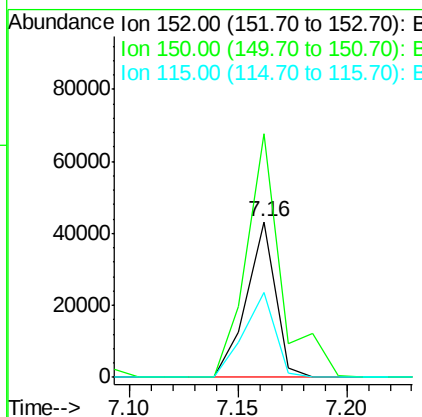
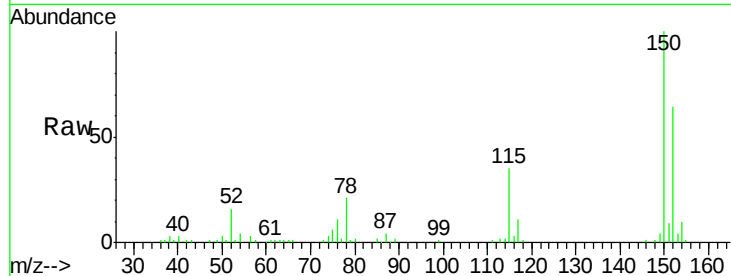


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

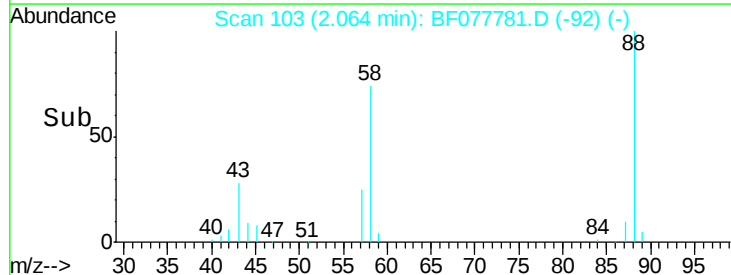
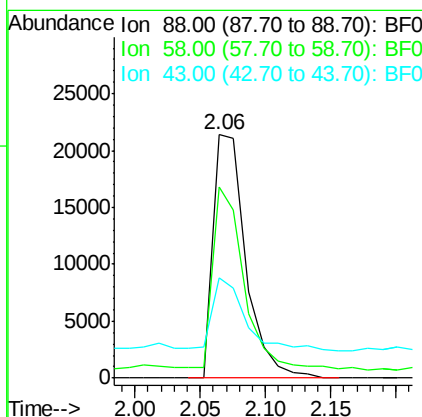
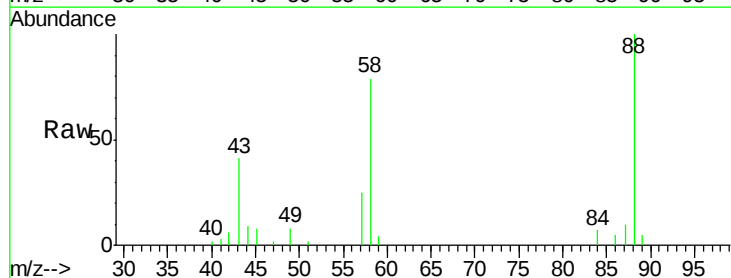
Tot Ion:152 Resp: 40271
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 54.7 43.0 64.4

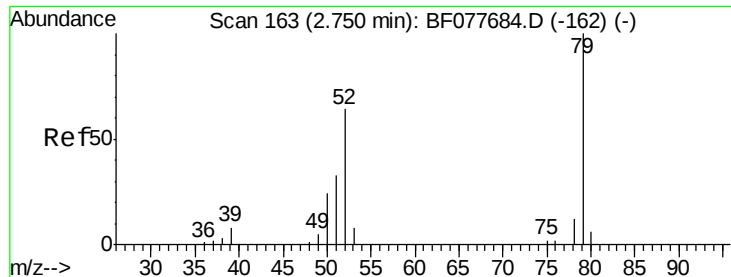


#2

1,4-Dioxane
Concen: 35.87 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 88 Resp: 37578
Ion Ratio Lower Upper
88 100
58 72.5 0.0 0.0#
43 30.8 0.0 0.0#





#3

Pvridine

Concen: 31.21 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

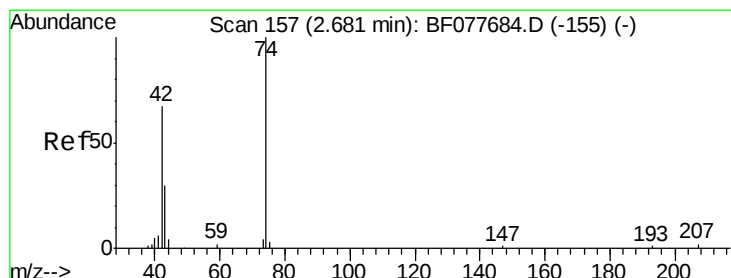
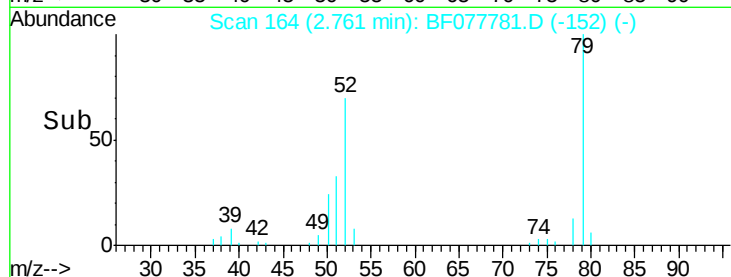
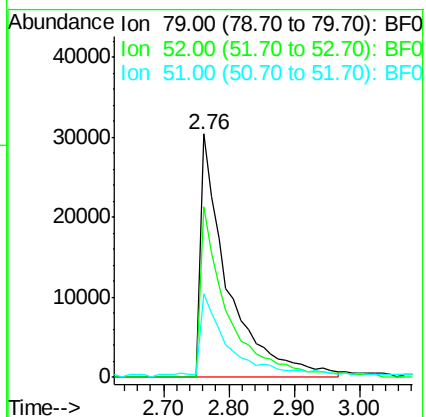
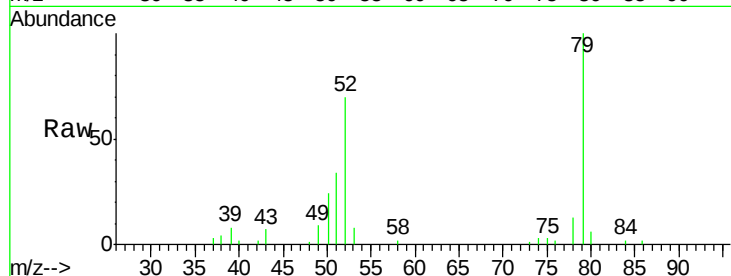
Tot Ion: 79 Resp: 87829

Ion Ratio Lower Upper

79 100

52 70.1 51.1 76.7

51 34.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 37.49 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

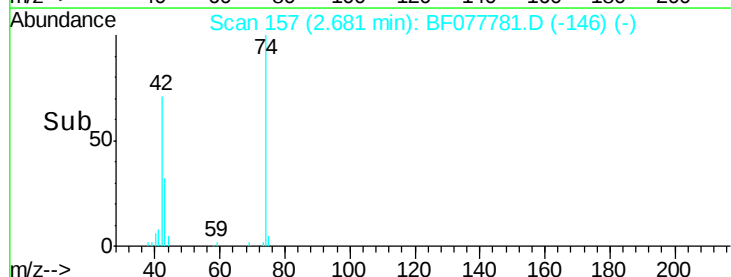
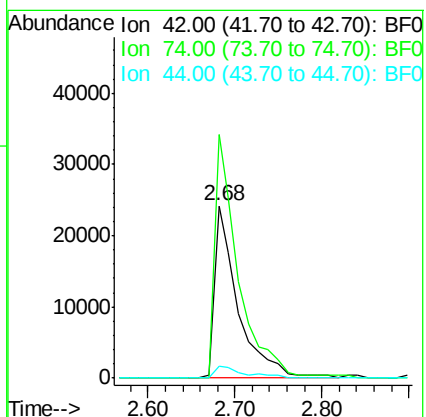
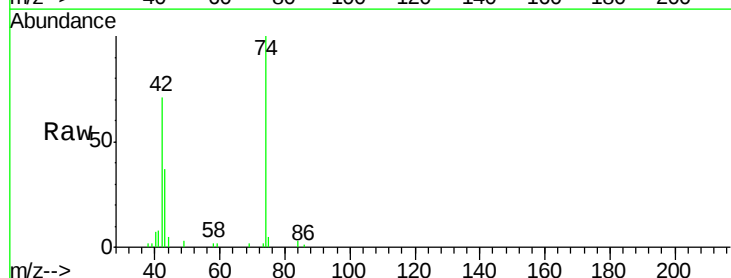
Tgt Ion: 42 Resp: 45941

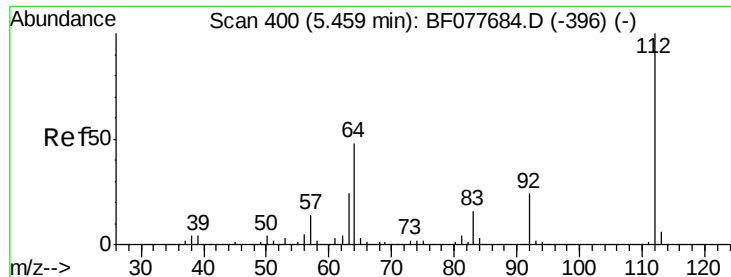
Ion Ratio Lower Upper

42 100

74 141.1 119.3 178.9

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 125.60 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

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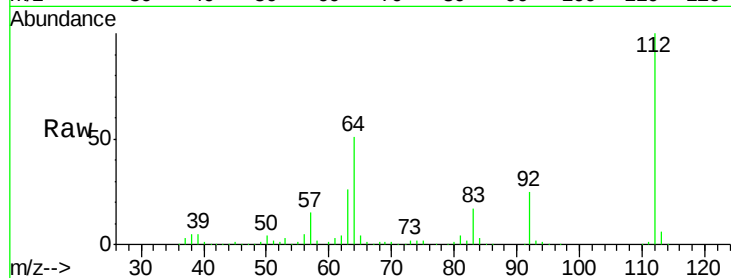
Tot Ion:112 Resp: 289782

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

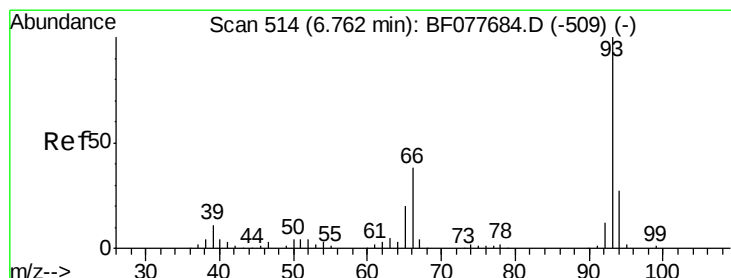
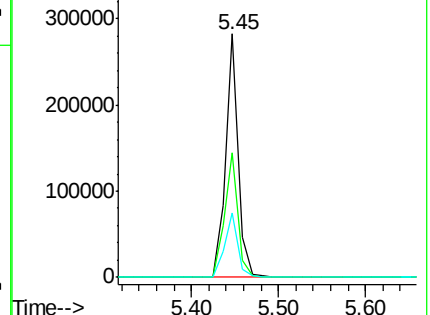
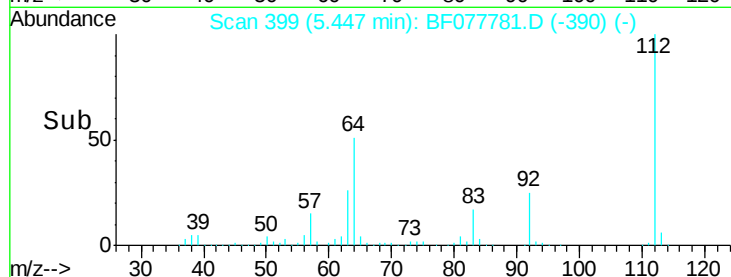
63 26.4 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.70 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

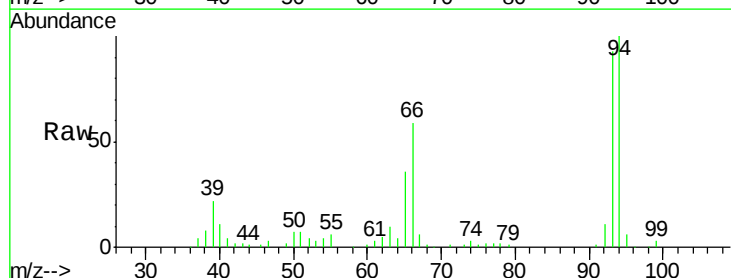
Tgt Ion: 93 Resp: 80303

Ion Ratio Lower Upper

93 100

66 64.1 30.8 46.2#

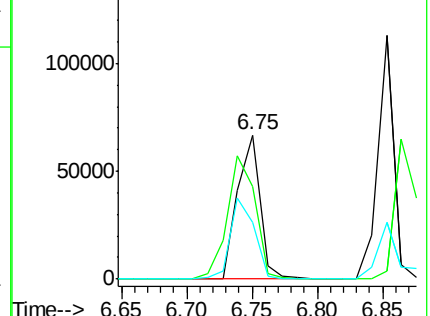
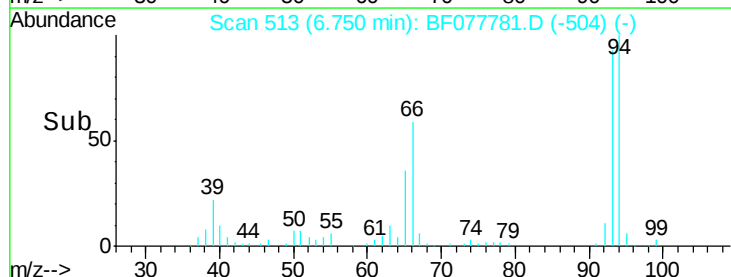
65 39.3 16.0 24.0#



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: 126.01 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077781.D

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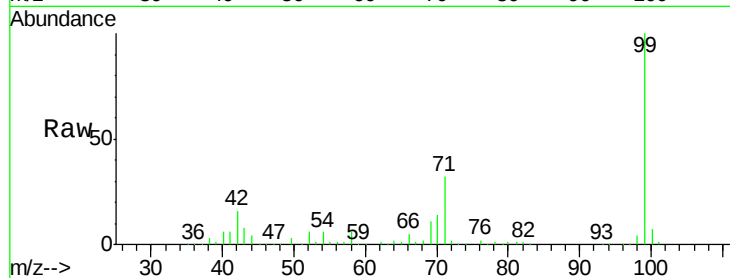
Tot Ion: 99 Resp: 359187

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

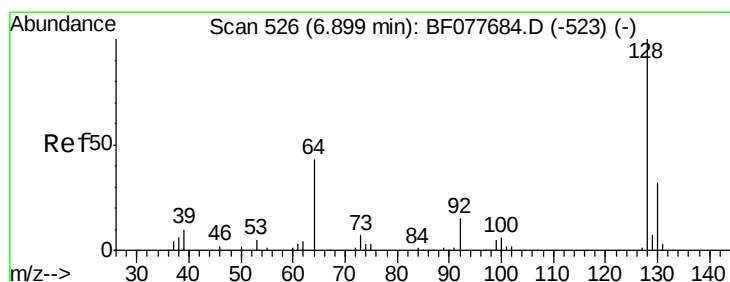
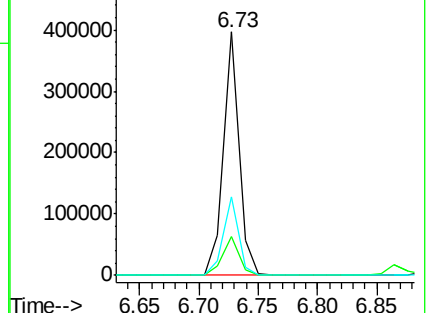
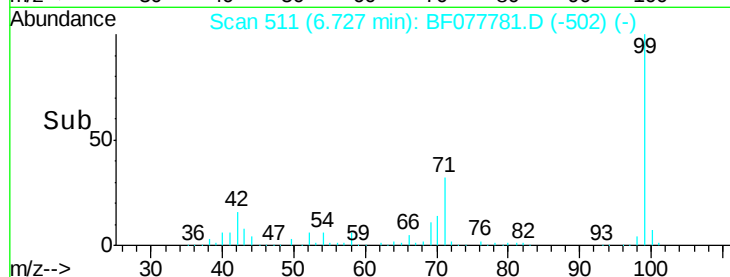
71 32.1 23.4 35.2



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: 39.14 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

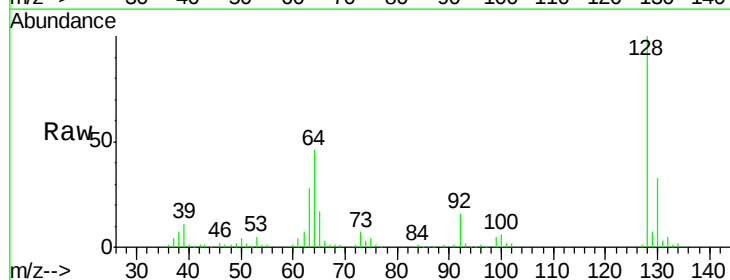
Tgt Ion:128 Resp: 107481

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

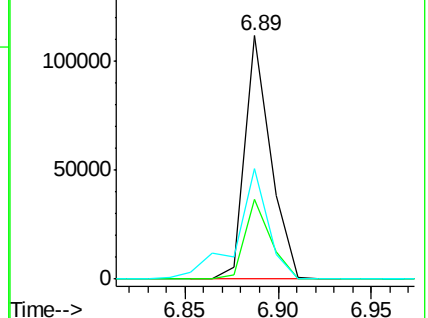
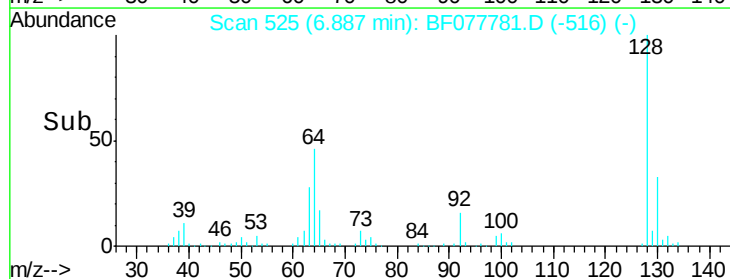
64 45.5 24.9 64.9

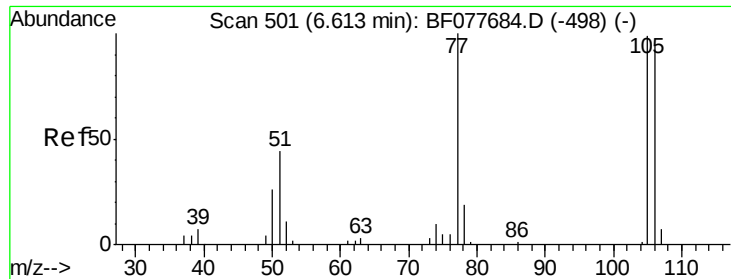


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

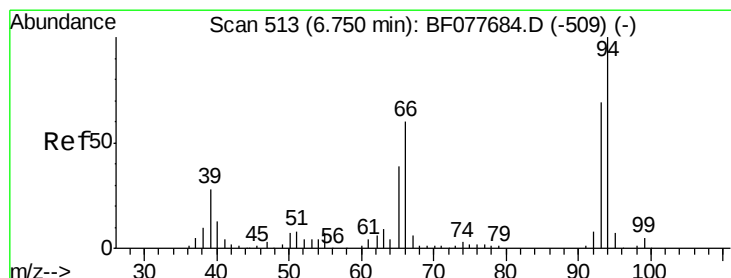
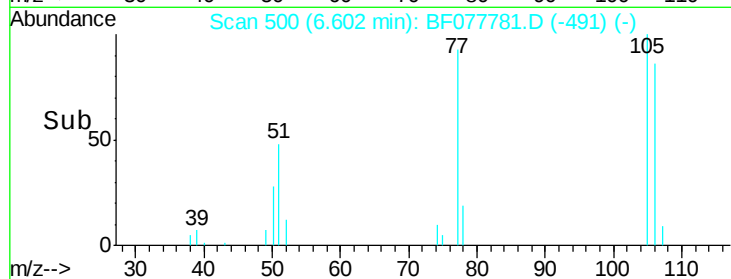
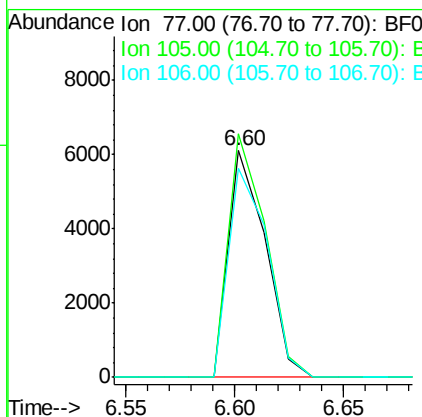
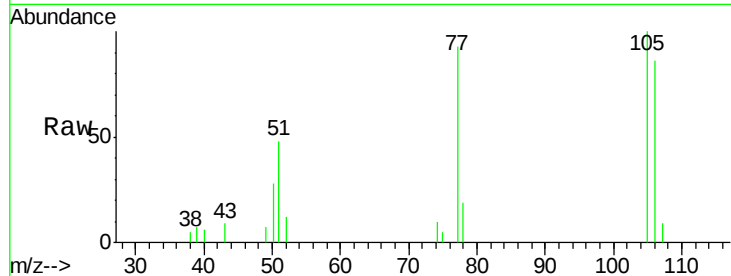




#9
Benzaldehyde
Concen: 6.17 ng
RT: 6.60 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

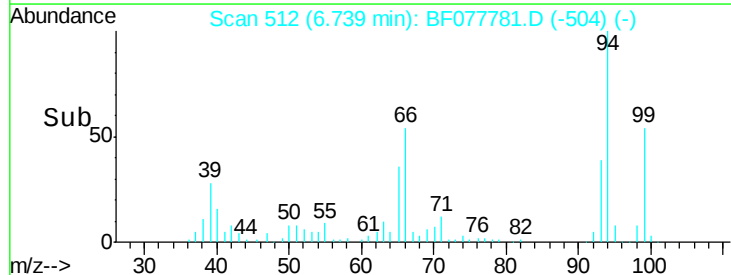
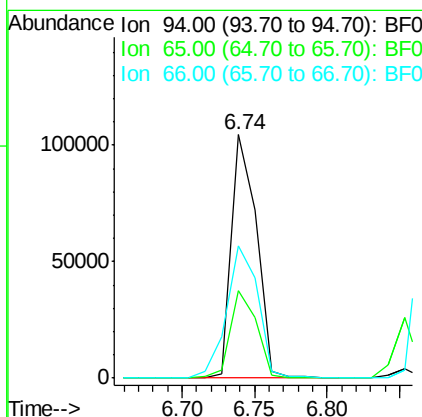
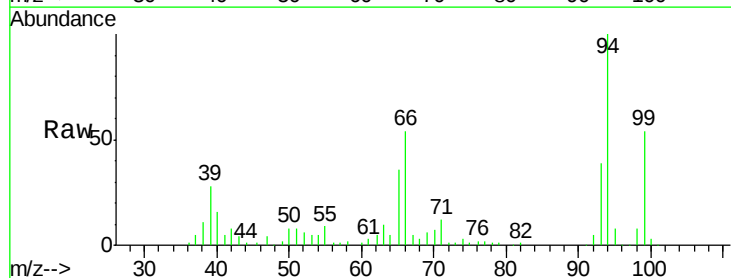
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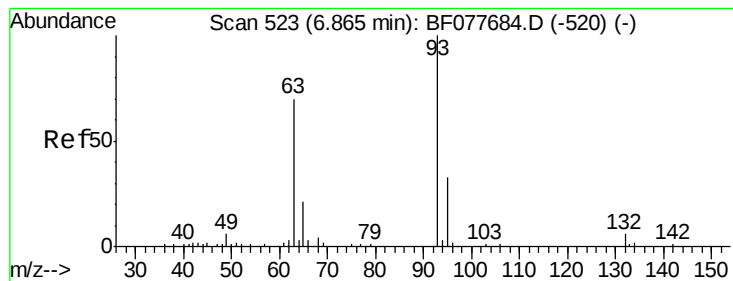
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Ion Ratio Lower Upper
77 100
105 107.5 78.8 118.8
106 92.1 73.7 113.7



#10
Phenol
Concen: 37.20 ng
RT: 6.74 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 94 Resp: 125355
Ion Ratio Lower Upper
94 100
65 36.0 18.8 58.8
66 54.4 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 39.29 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

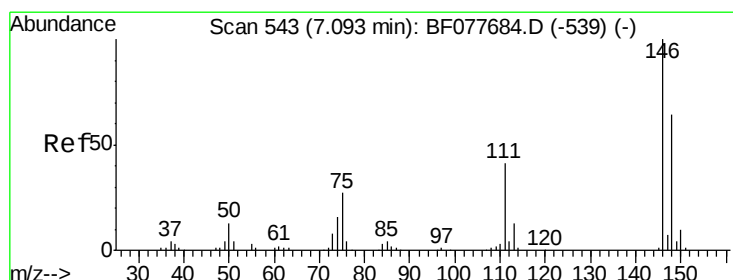
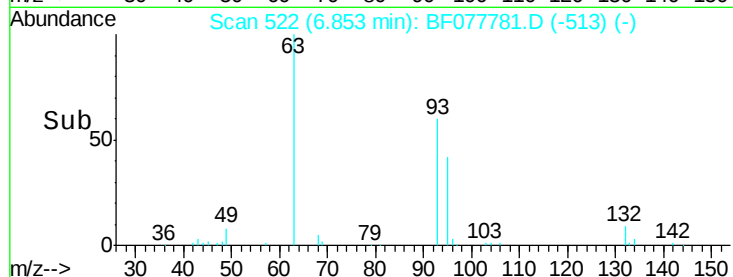
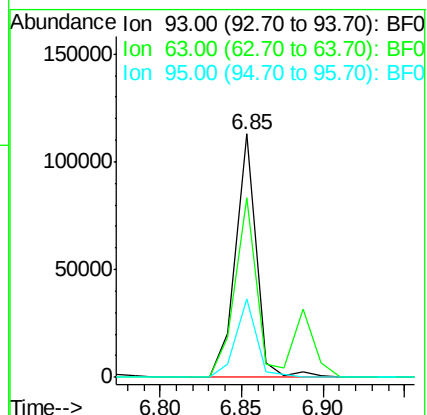
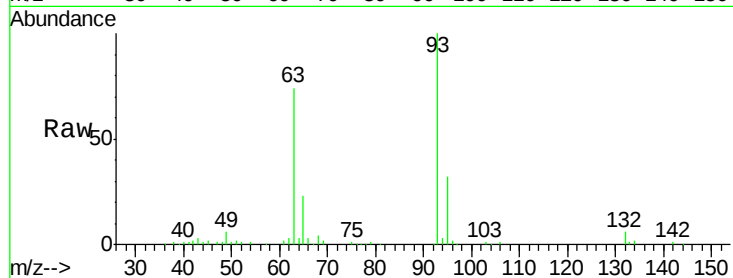
Tot Ion: 93 Resp: 99170

Ion Ratio Lower Upper

93 100

63 73.9 49.5 89.5

95 32.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 38.40 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

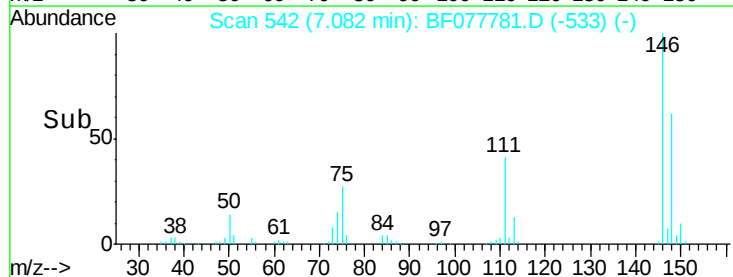
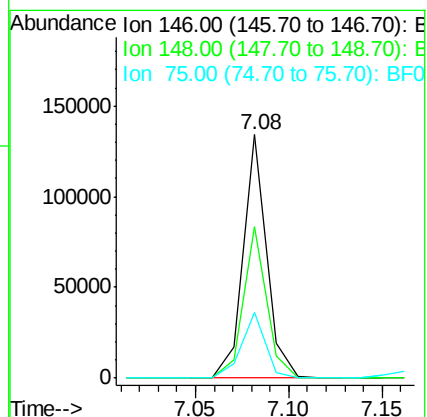
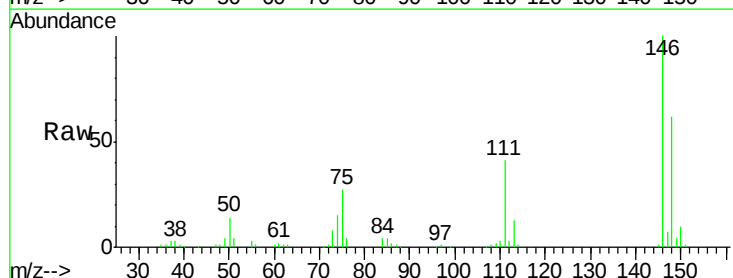
Tgt Ion: 146 Resp: 117287

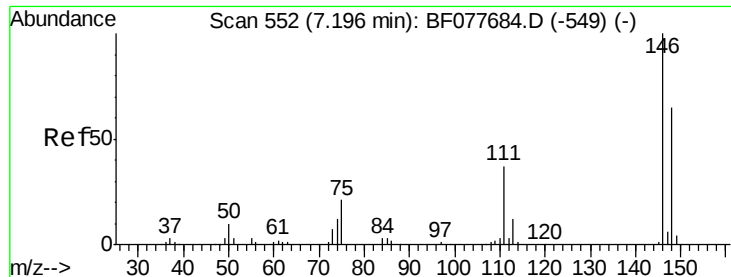
Ion Ratio Lower Upper

146 100

148 62.1 50.9 76.3

75 27.0 21.4 32.2

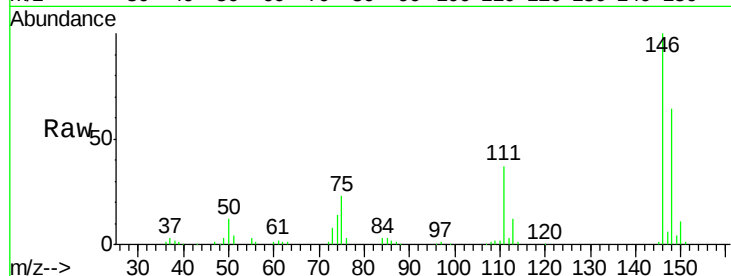




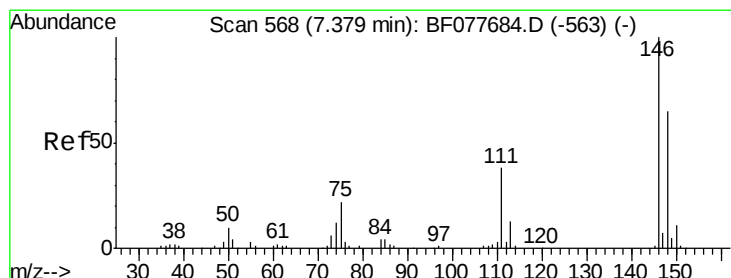
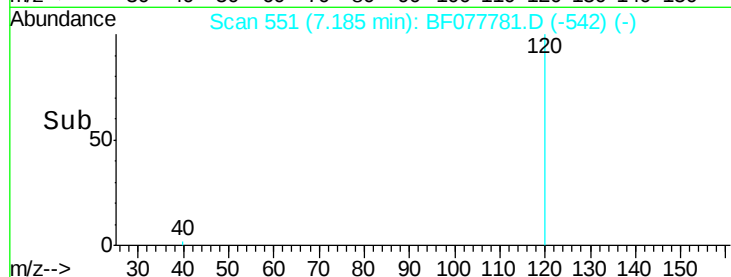
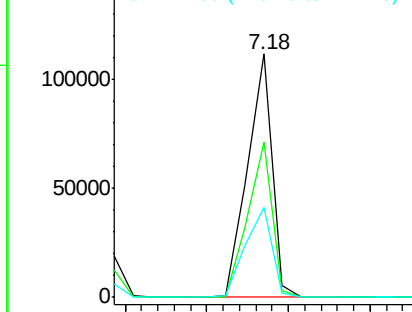
#13
 1,4-Dichlorobenzene
 Concen: 36.55 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleID :
 PB82152BS

Tot Ion:146 Resp: 115986
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 36.9 29.2 43.8

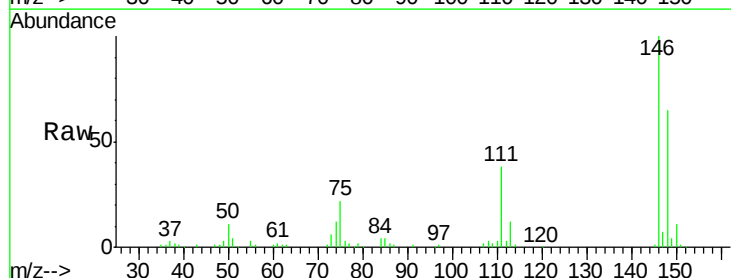


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

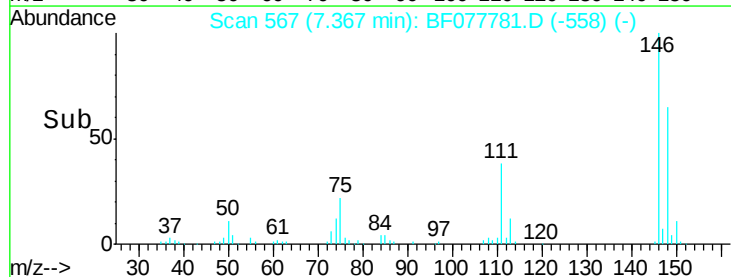
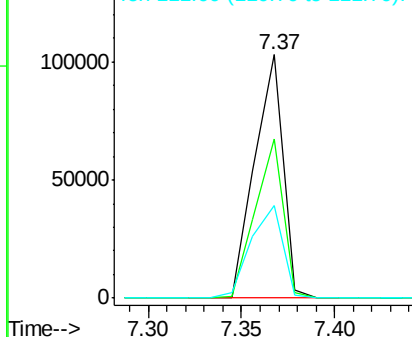


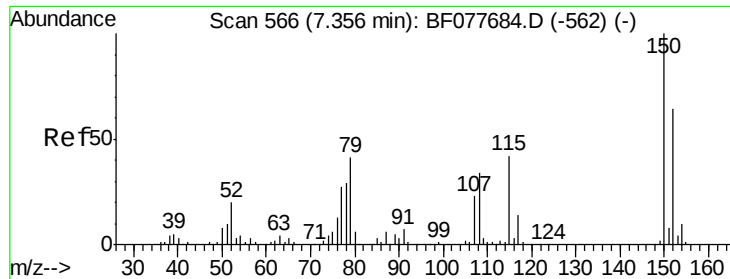
#14
 1,2-Dichlorobenzene
 Concen: 37.83 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:146 Resp: 110069
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 38.2 30.6 45.8



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

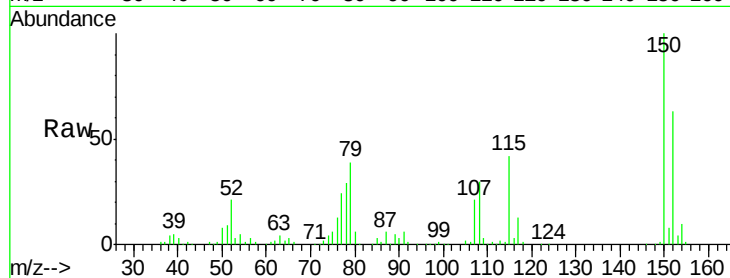




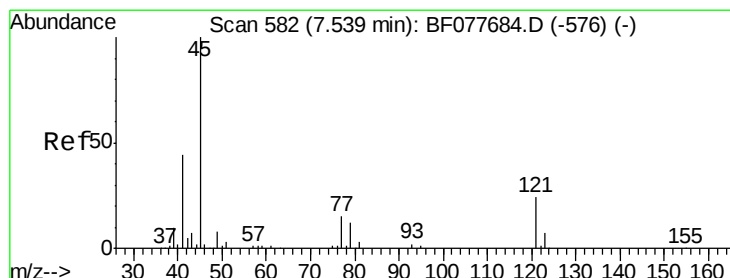
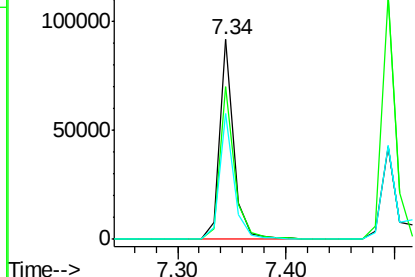
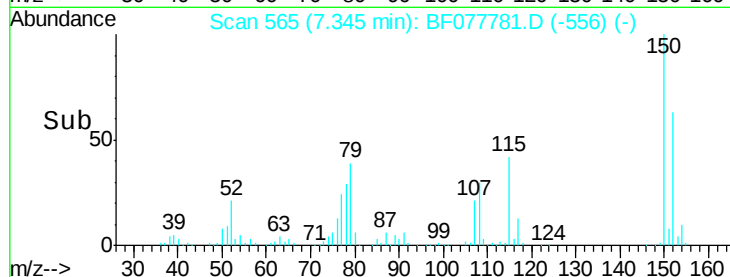
#15
Benzyl Alcohol
Concen: 37.73 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion: 79 Resp: 83950
Ion Ratio Lower Upper
79 100
108 76.5 65.0 97.4
77 63.1 53.0 79.6

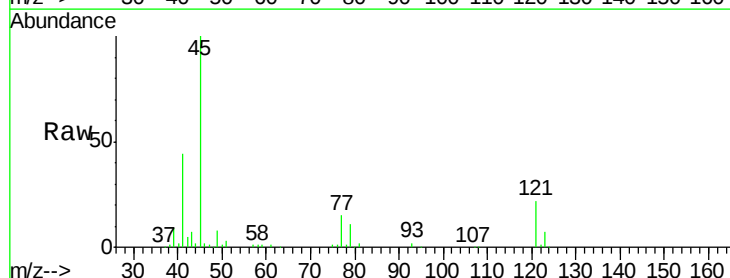


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

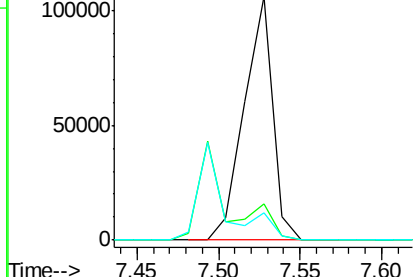
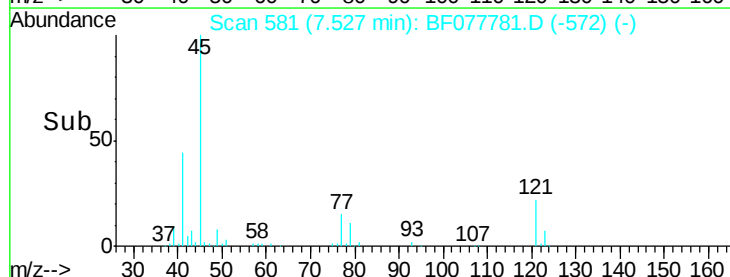


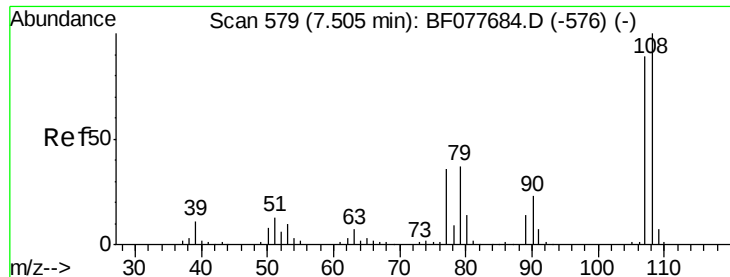
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.62 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 45 Resp: 127953
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.2
79 11.4 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

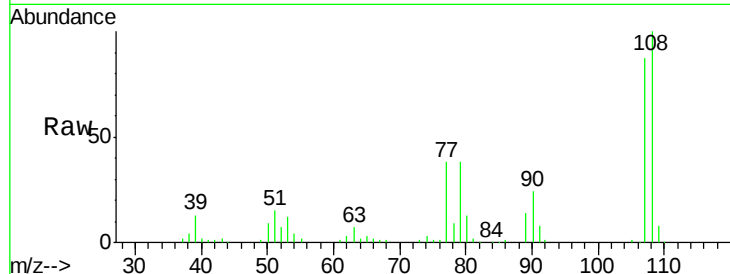




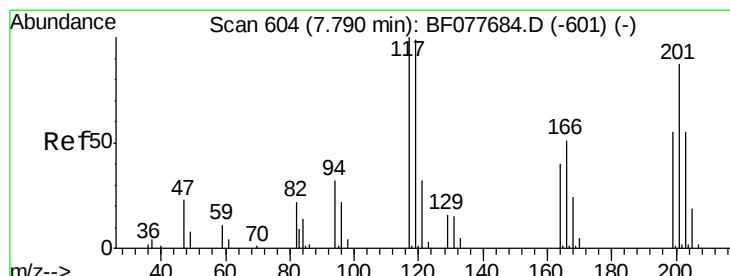
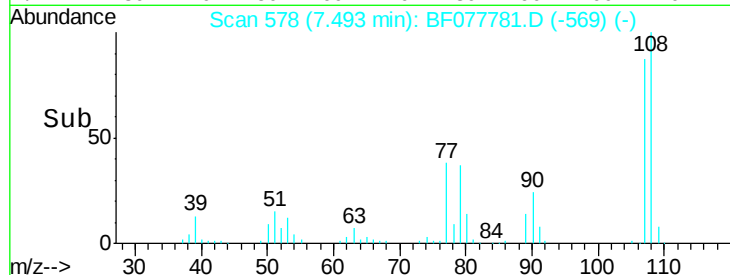
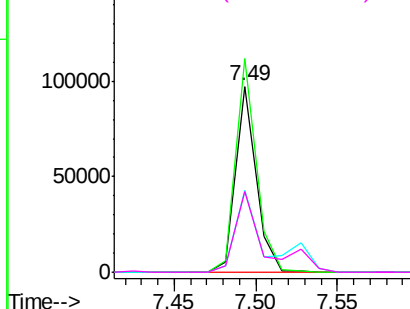
#17
2-Methylphenol
Concen: 37.85 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:107 Resp: 84621
Ion Ratio Lower Upper
107 100
108 114.9 89.8 134.8
77 44.2 32.6 48.8
79 43.5 32.8 49.2

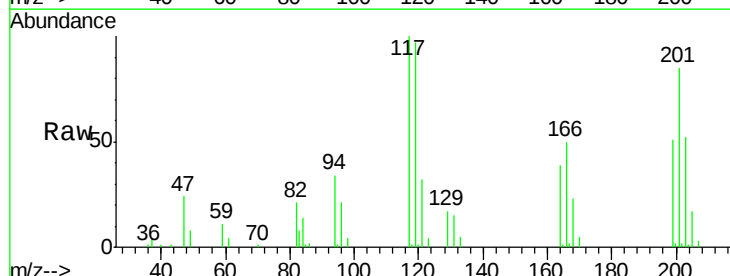


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

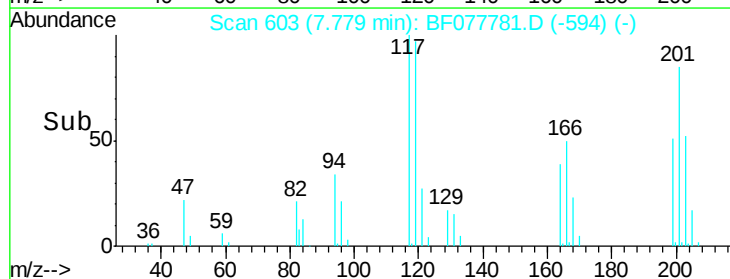
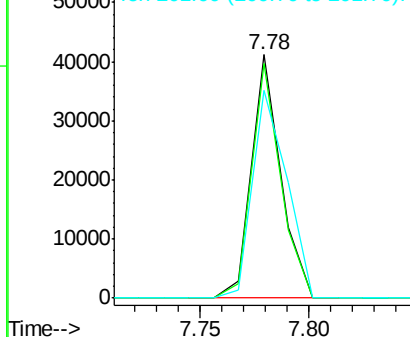


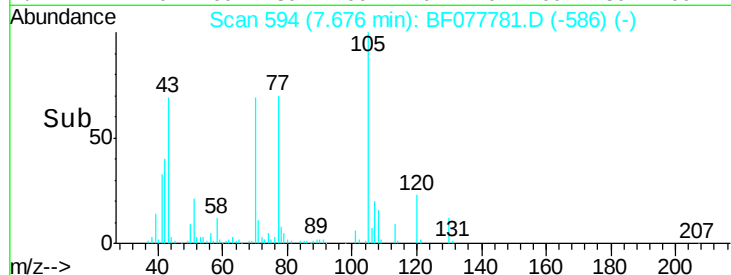
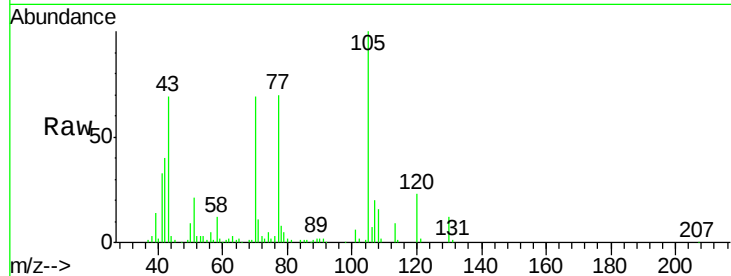
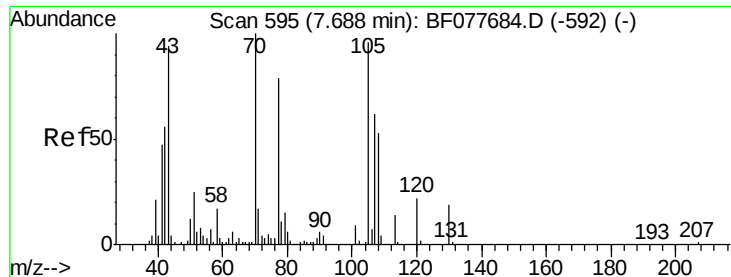
#18
Hexachloroethane
Concen: 37.03 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:117 Resp: 38540
Ion Ratio Lower Upper
117 100
119 96.5 79.2 118.8
201 85.2 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

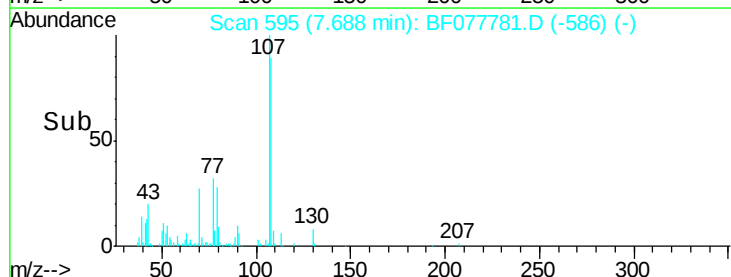
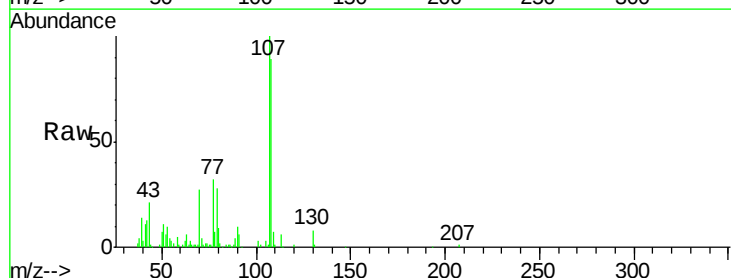
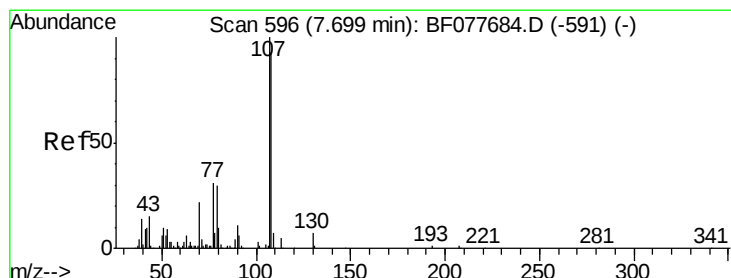
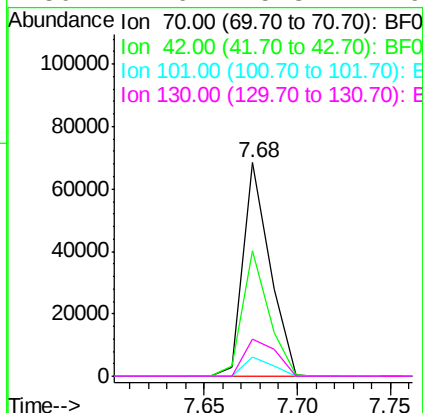




#19
n-Nitroso-di-n-propylamine
Concen: 34.67 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

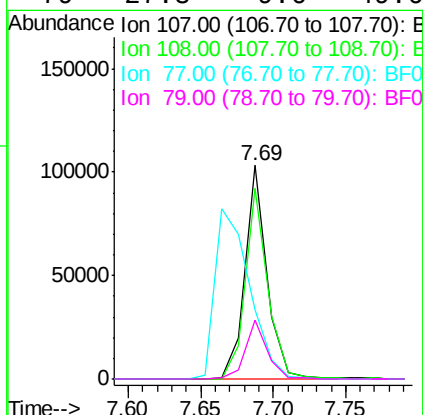
Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:	70	Resp:	68370
Ion	Ratio	Lower	Upper
70	100		
42	58.8	44.5	66.7
101	8.9	7.4	11.2
130	17.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 37.17 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:	107	Resp:	109050
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.2	113.2
77	32.3	10.7	50.7
79	27.8	9.6	49.6

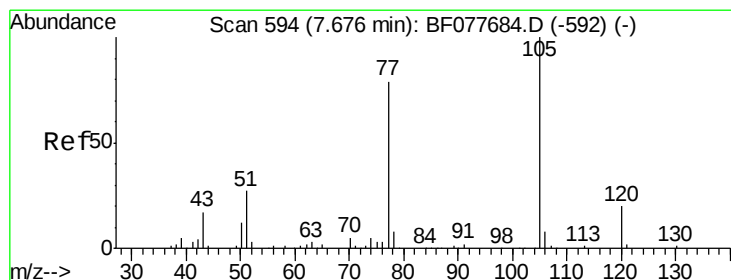
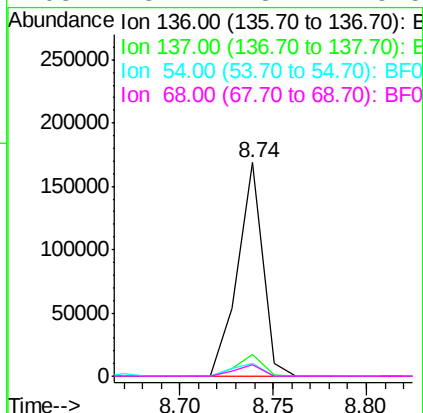
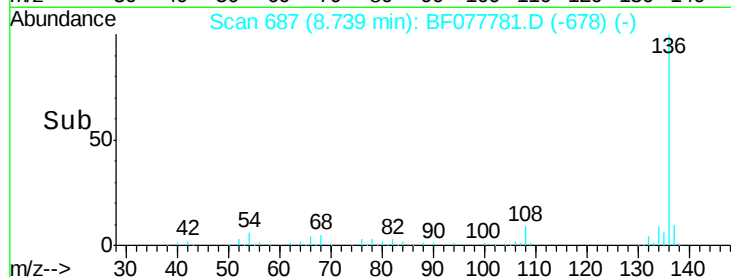
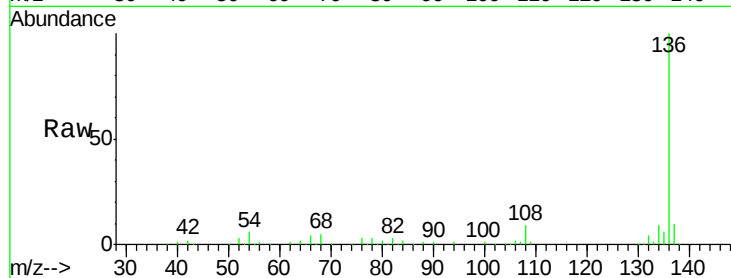




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

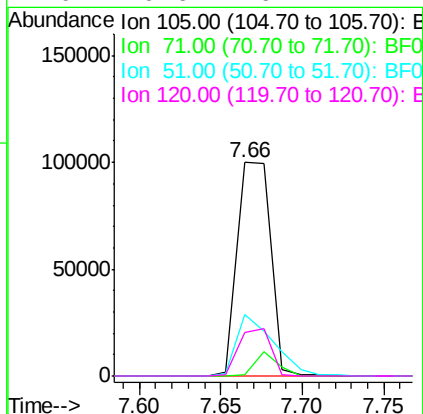
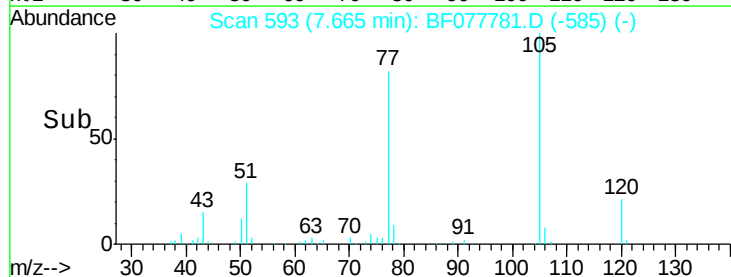
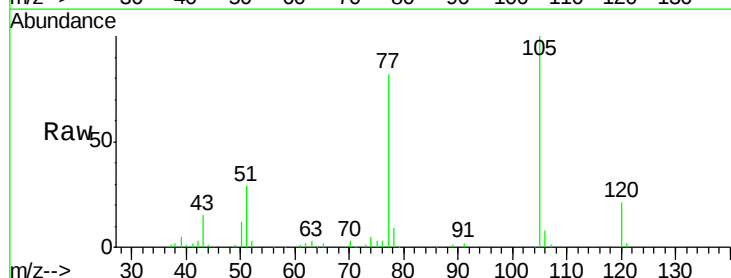
Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:136	Resp:	159733
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	5.9	4.6 6.8
68	5.2	3.7 5.5



#22
Acetophenone
Concen: 39.91 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:105	Resp:	141140
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.6 1.0#
51	28.6	21.6 32.4
120	20.6	16.1 24.1

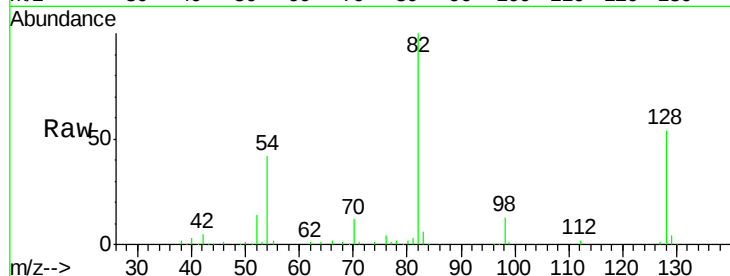




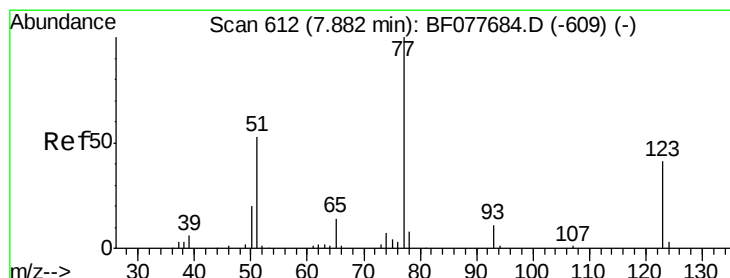
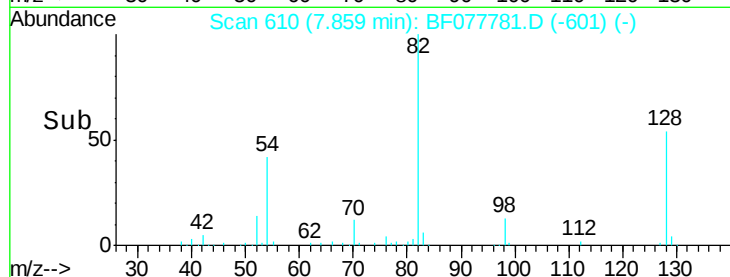
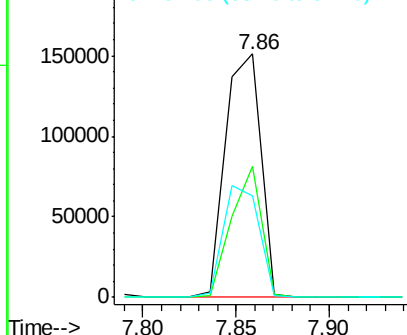
#23
 Nitrobenzene-d5
 Concen: 82.85 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion: 82 Resp: 201896
 Ion Ratio Lower Upper
 82 100
 128 53.8 32.8 49.2#
 54 41.8 40.6 60.8

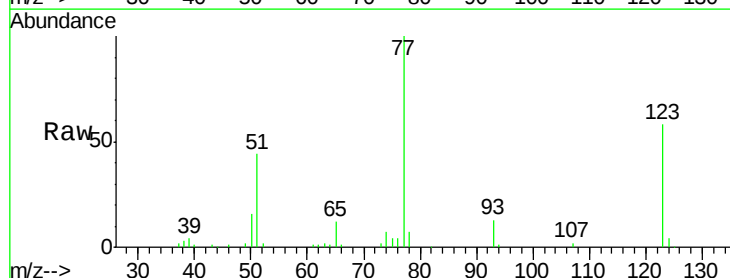


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

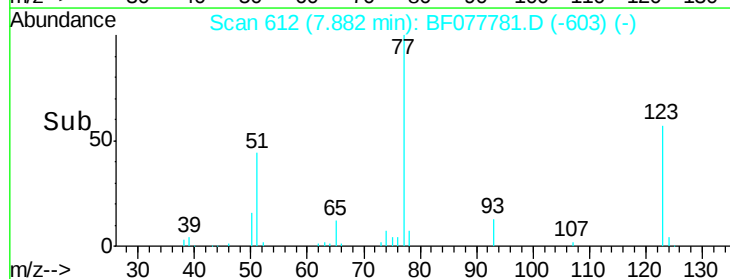
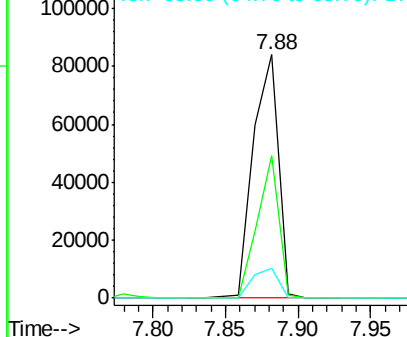


#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion: 77 Resp: 101092
 Ion Ratio Lower Upper
 77 100
 123 58.4 32.6 49.0#
 65 12.1 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: 37.97 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

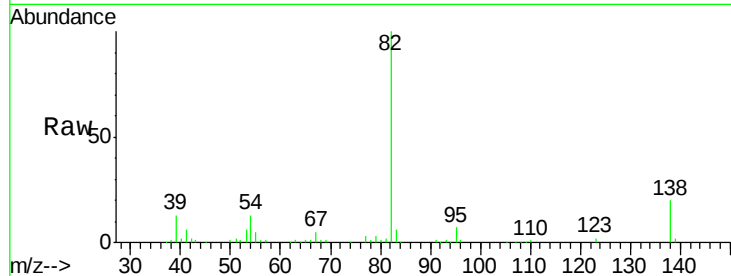
Tot Ion: 82 Resp: 186843

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

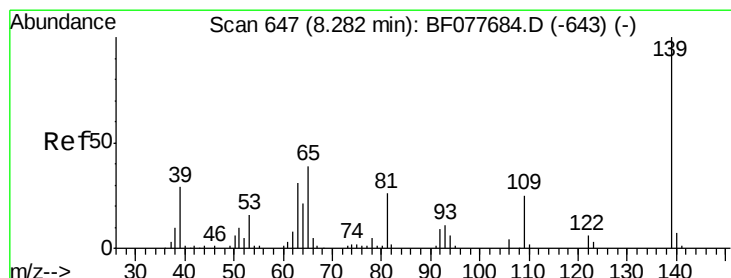
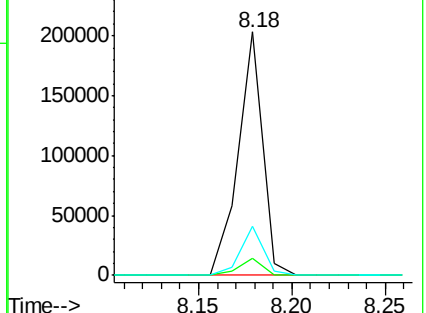
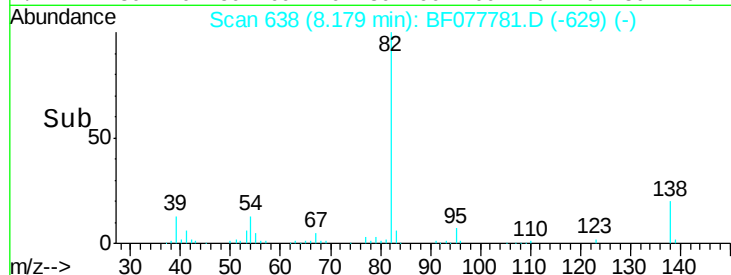
138 20.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.65 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

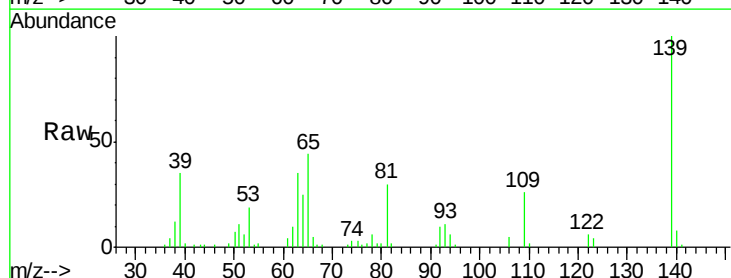
Tgt Ion: 139 Resp: 50961

Ion Ratio Lower Upper

139 100

109 26.1 20.1 30.1

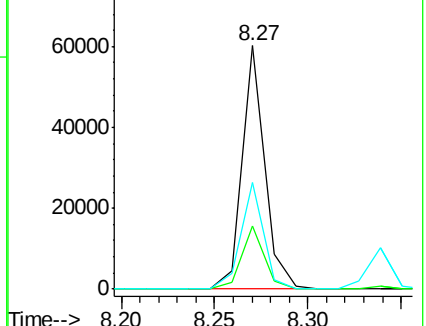
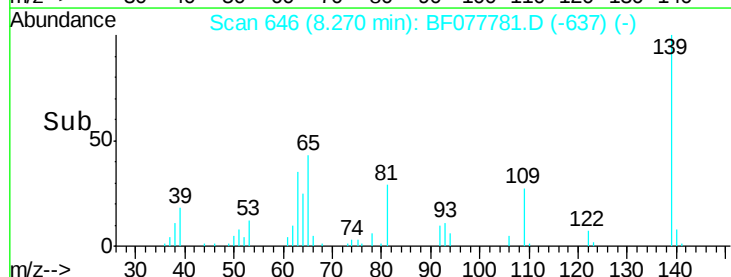
65 43.6 31.5 47.3

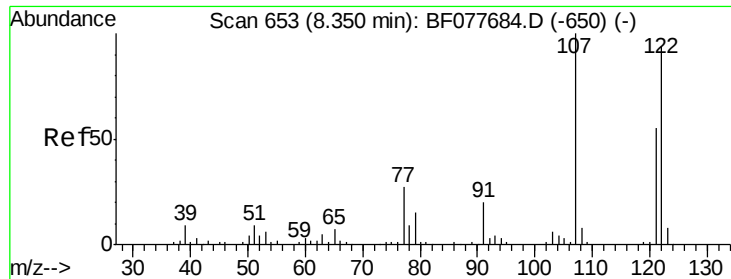


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

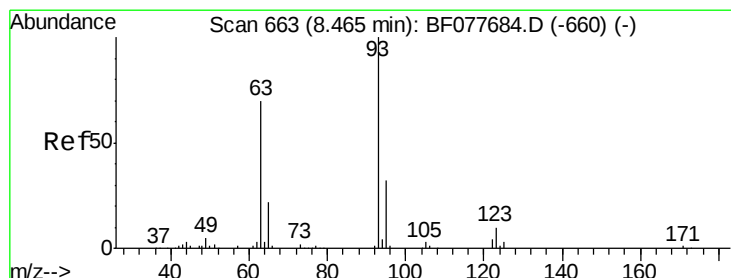
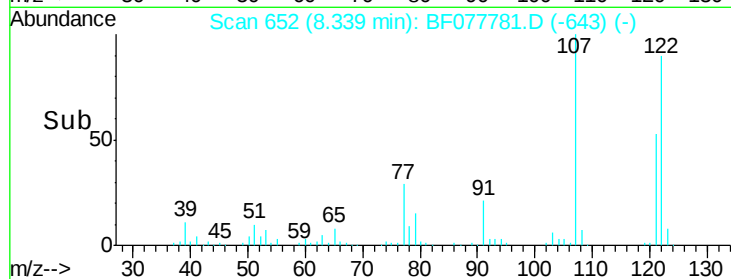
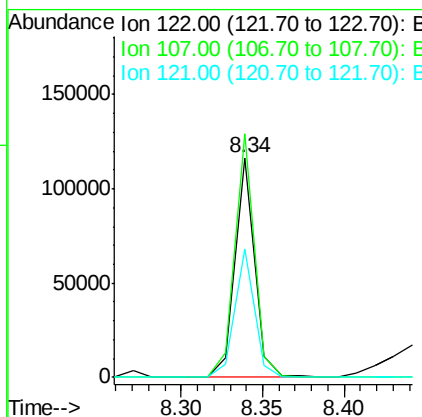
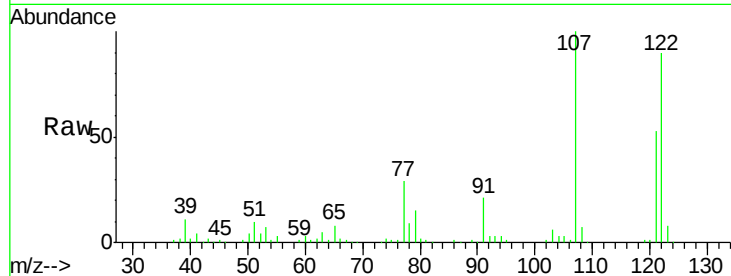




#27
2,4-Dimethylphenol
Concen: 41.11 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

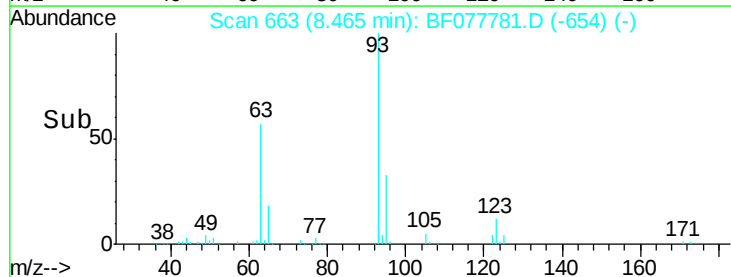
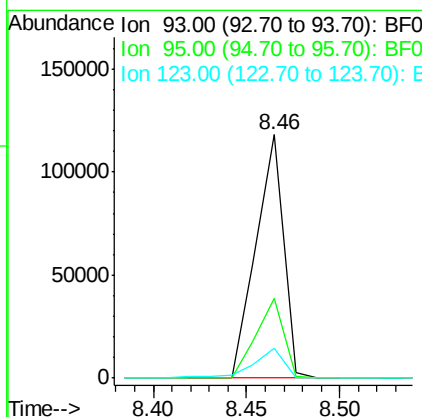
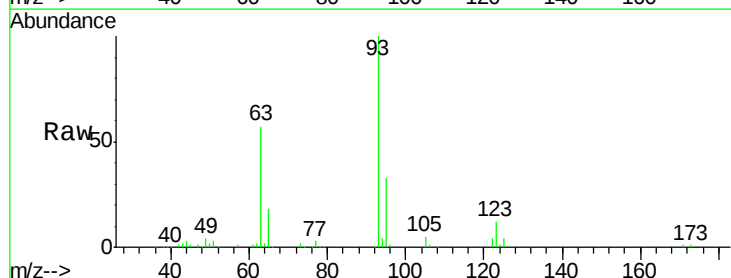
Instrument :
BNA_F
ClientSampleId :
PB82152BS

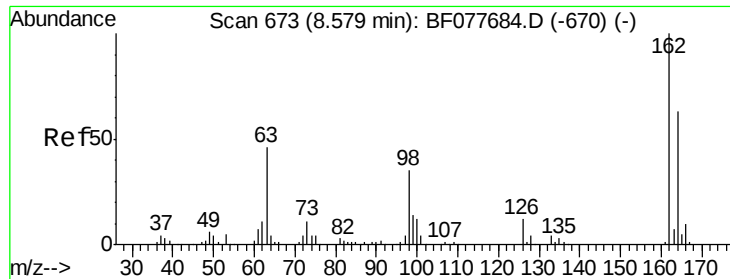
Tot Ion:122 Resp: 96265
Ion Ratio Lower Upper
122 100
107 110.8 84.7 127.1
121 58.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.49 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 93 Resp: 120958
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 12.5 8.6 13.0

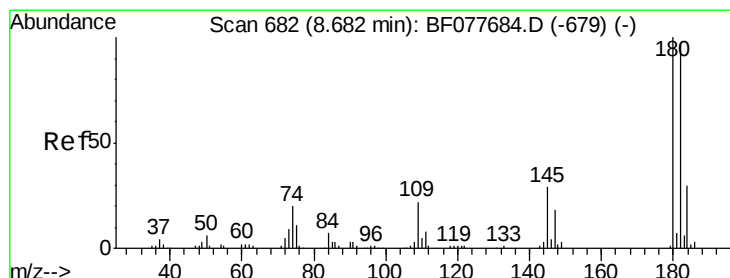
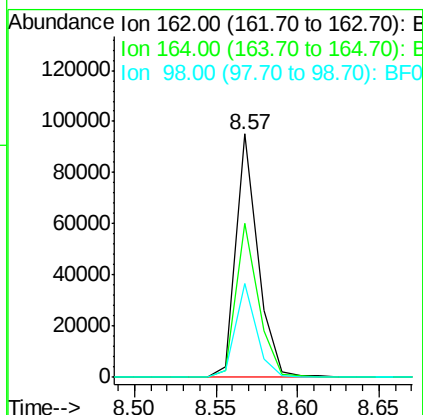
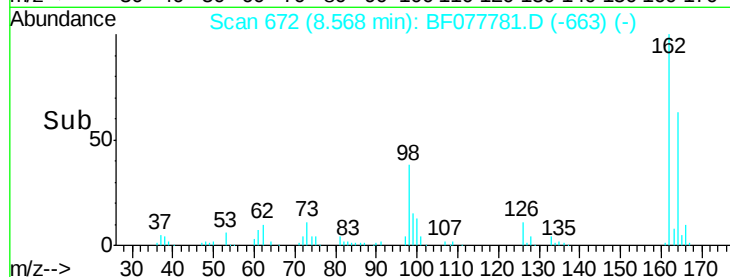
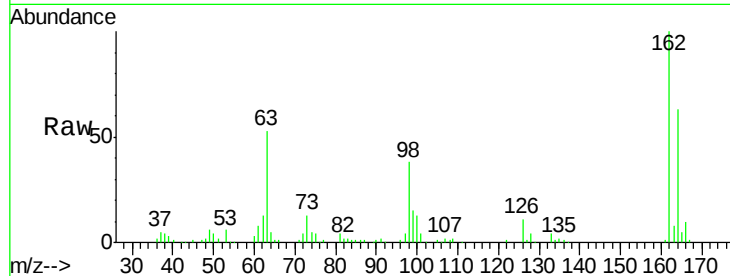




#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

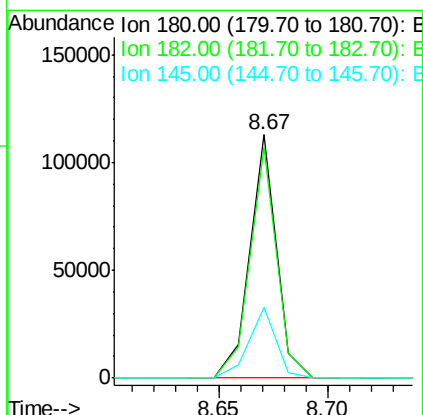
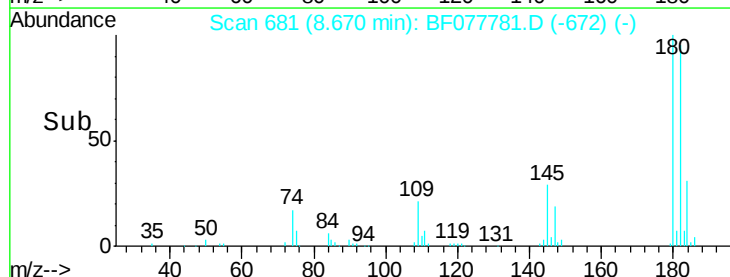
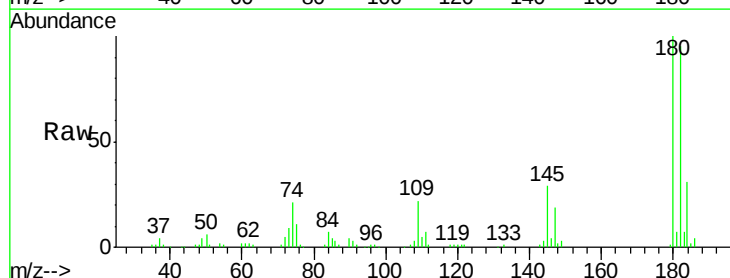
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

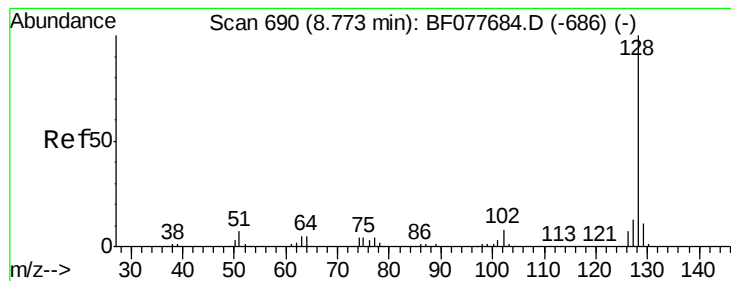
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.8	82.8
98	38.3	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.52 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.6	116.4
145	29.3	23.4	35.2





#31

Naphthalene

Concen: 38.24 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

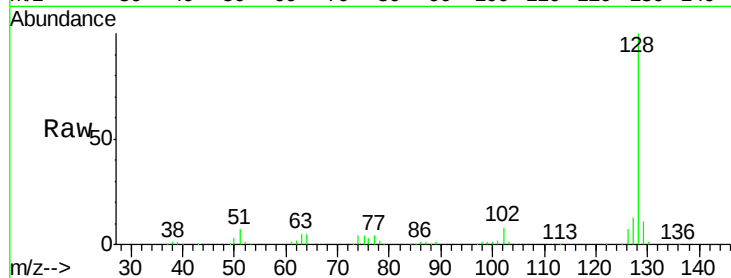
Tot Ion:128 Resp: 313730

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

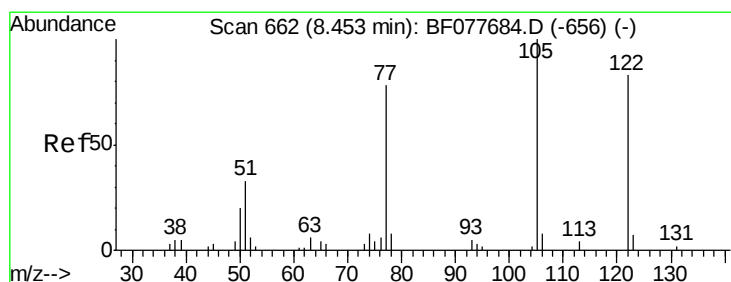
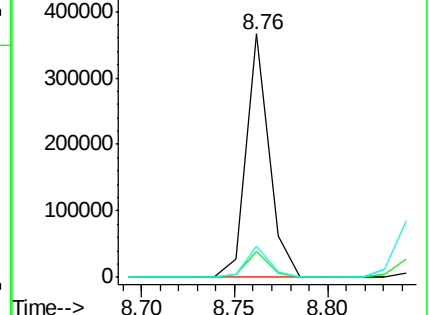
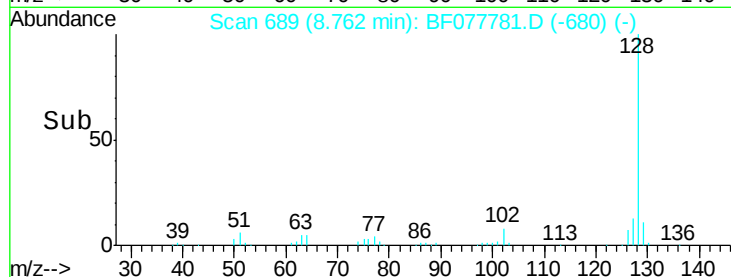
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.98 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

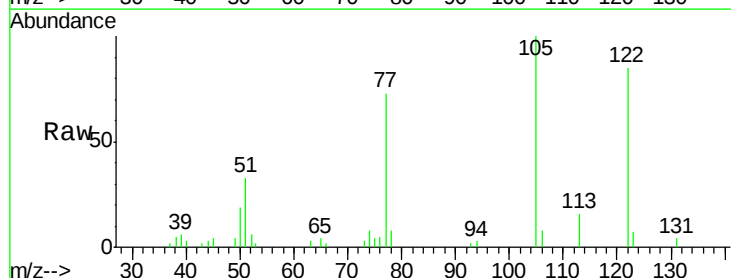
Tgt Ion:122 Resp: 43126

Ion Ratio Lower Upper

122 100

105 117.4 99.9 139.9

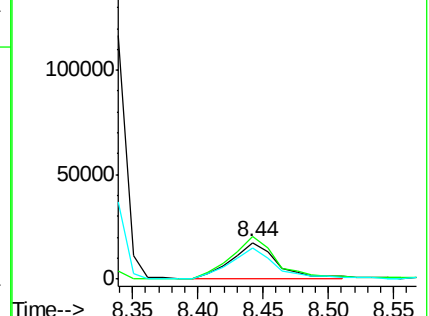
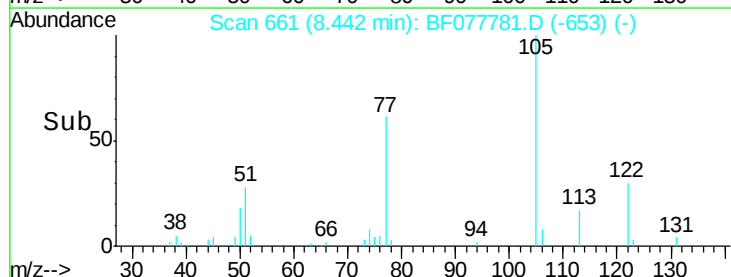
77 85.4 73.7 113.7



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

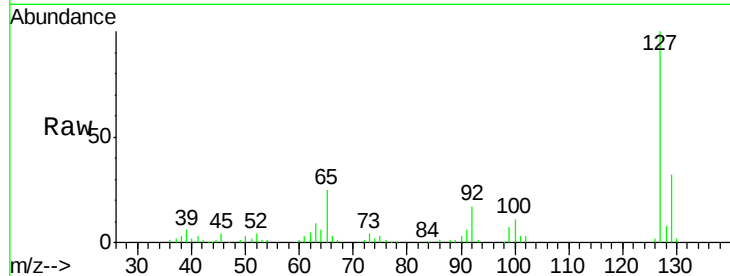




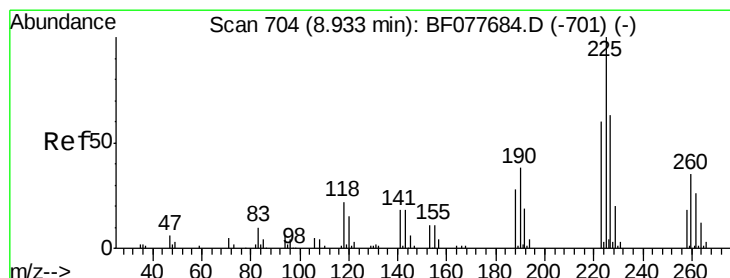
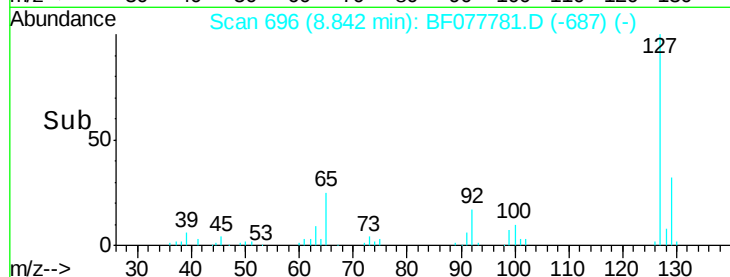
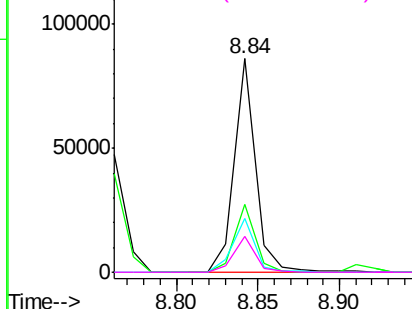
#33
 4-Chloroaniline
 Concen: 23.19 ng
 RT: 8.84 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion:	127	Resp:	77209
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	25.3	17.6	26.4
92	16.9	13.1	19.7

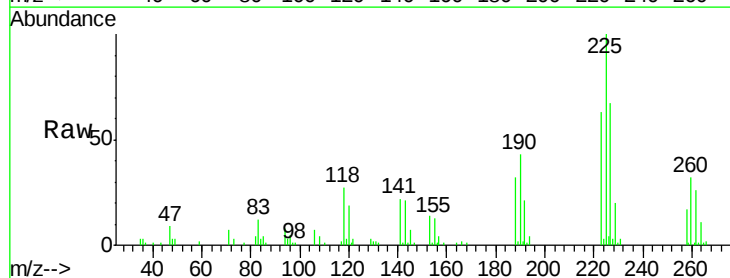


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

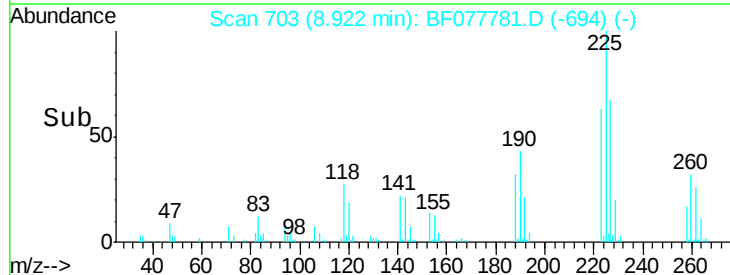
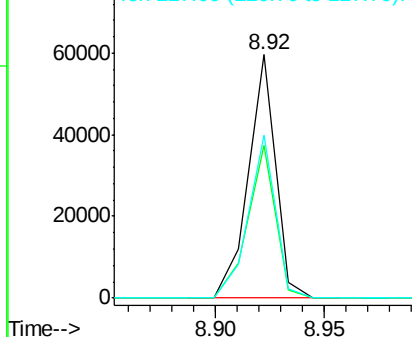


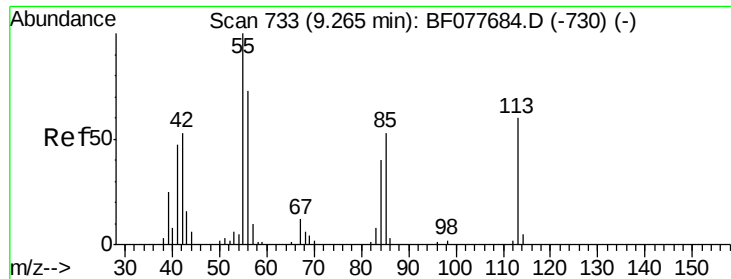
#34
 Hexachlorobutadiene
 Concen: 36.48 ng
 RT: 8.92 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:	225	Resp:	51638
Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.9	71.9
227	66.9	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

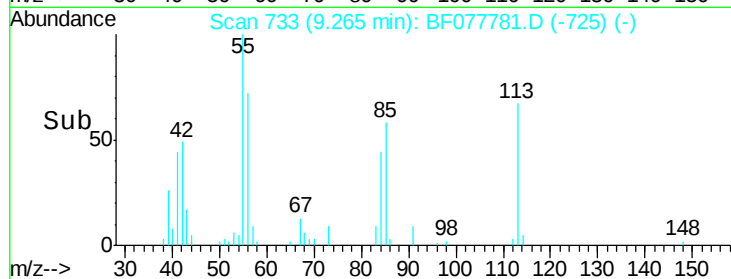
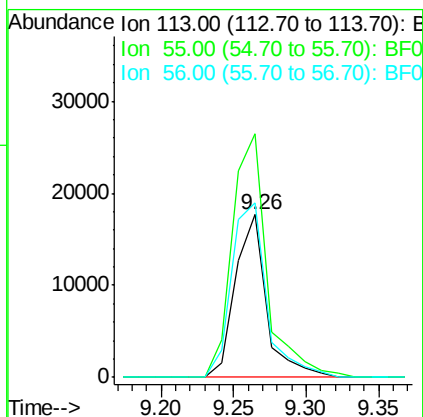
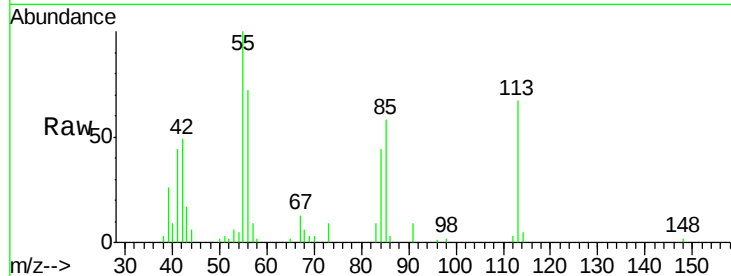




#35
Caprolactam
Concen: 40.48 ng
RT: 9.26 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

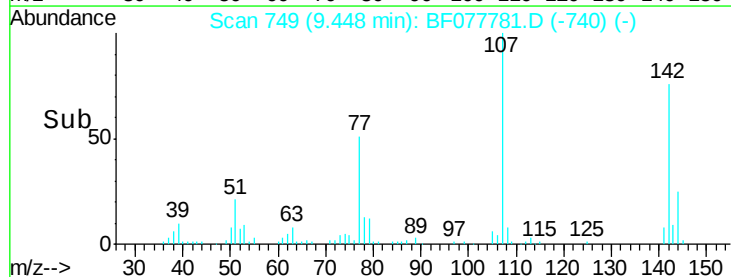
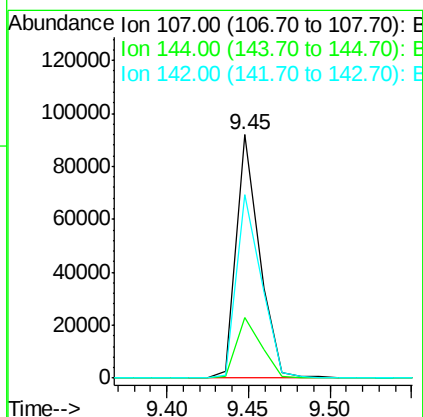
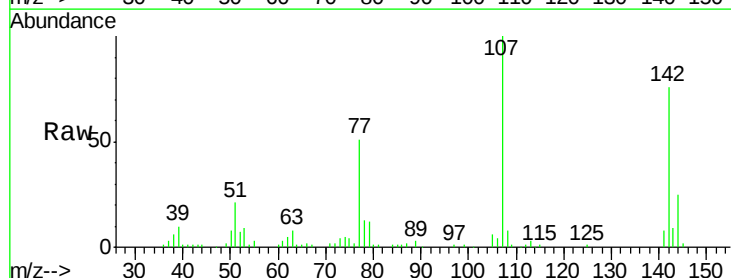
Instrument :
BNA_F
ClientSampleId :
PB82152BS

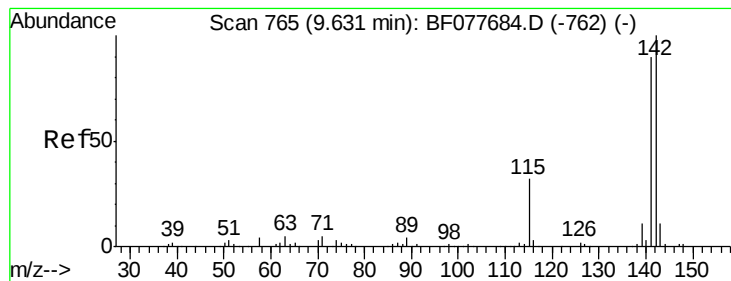
Tot Ion:113 Resp: 26402
Ion Ratio Lower Upper
113 100
55 149.8 145.9 185.9
56 107.4 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 40.23 ng
RT: 9.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:107 Resp: 90332
Ion Ratio Lower Upper
107 100
144 24.7 23.3 34.9
142 75.5 72.6 109.0





#37

2-Methylnaphthalene

Concen: 38.00 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

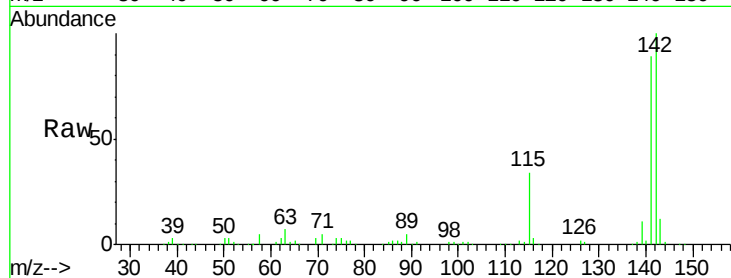
Tot Ion:142 Resp: 209424

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

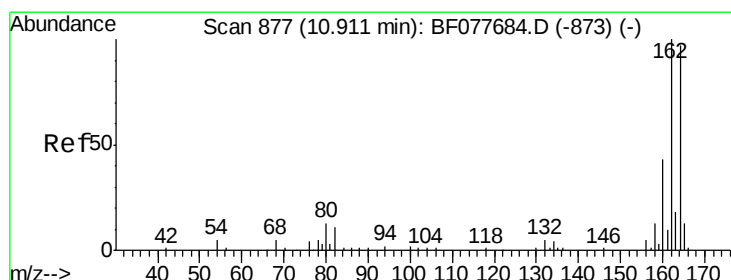
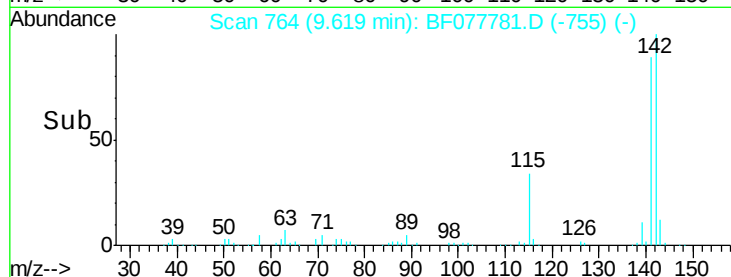
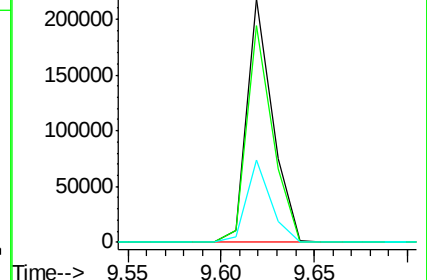
115 34.0 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

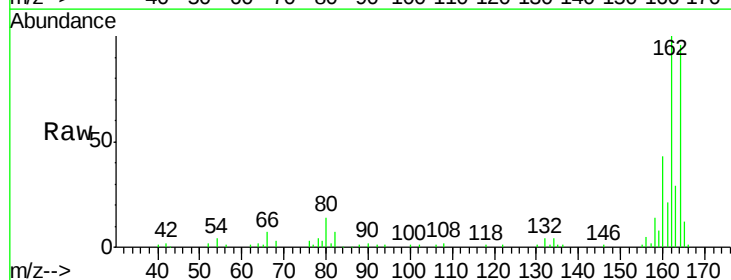
Tgt Ion:164 Resp: 79747

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

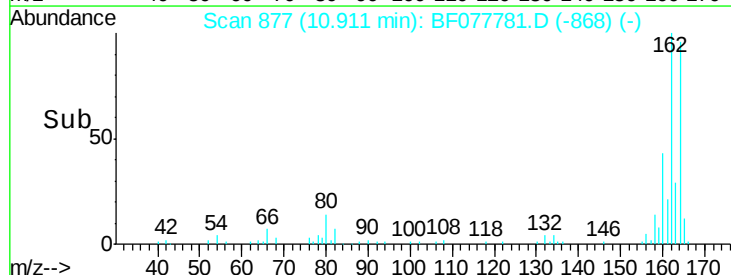
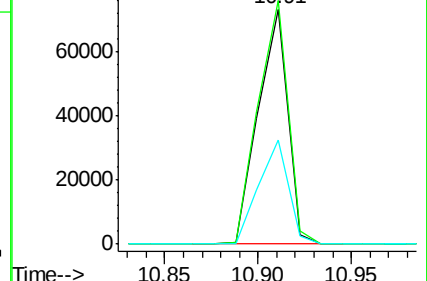
160 44.4 35.8 53.6

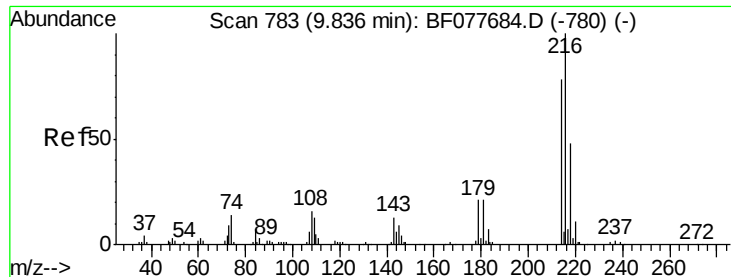


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.96 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

Tot Ion:216 Resp: 92670

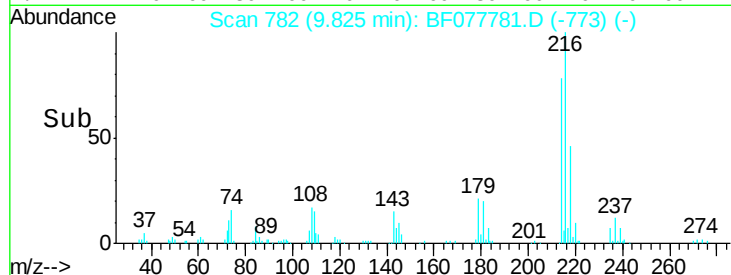
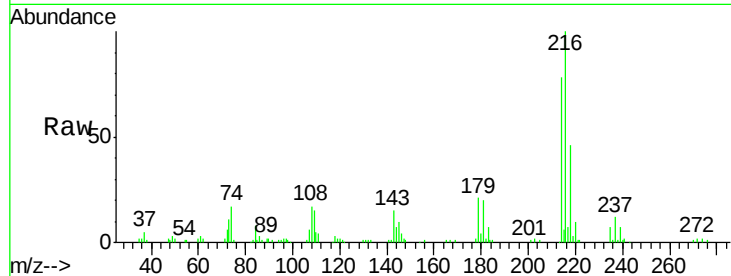
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.0 0.0 0.0#

108 19.3 0.0 0.0#

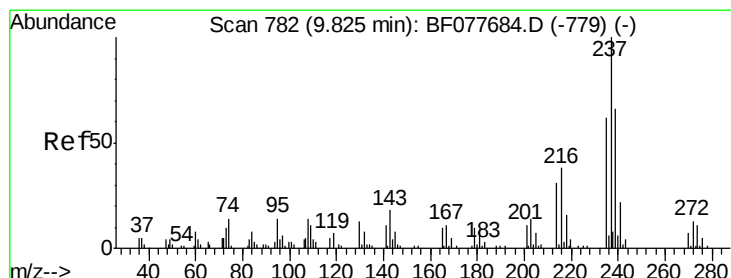
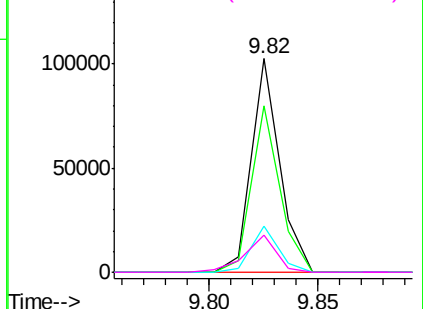


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.60 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

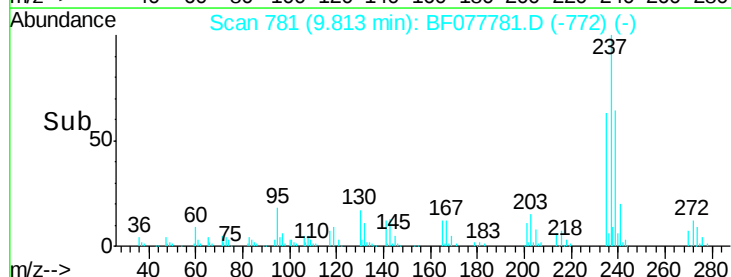
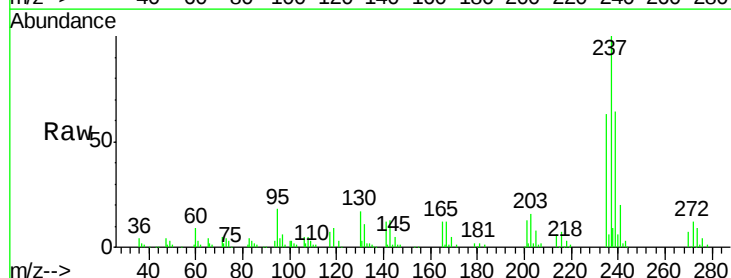
Tgt Ion:237 Resp: 88563

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

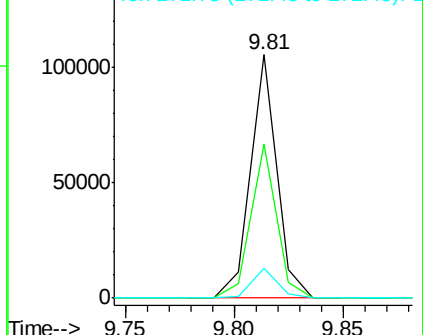
272 12.3 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

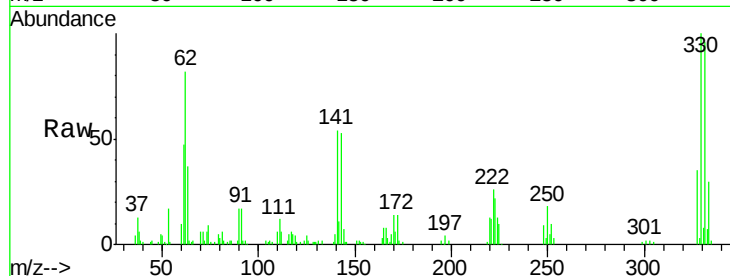




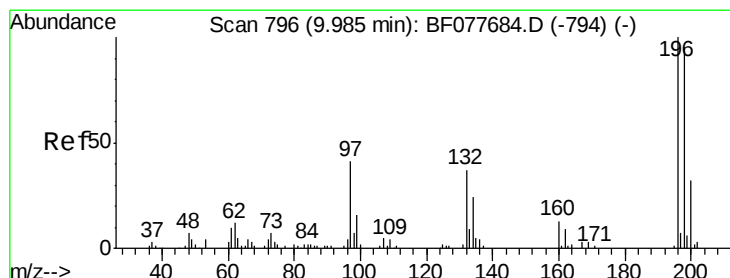
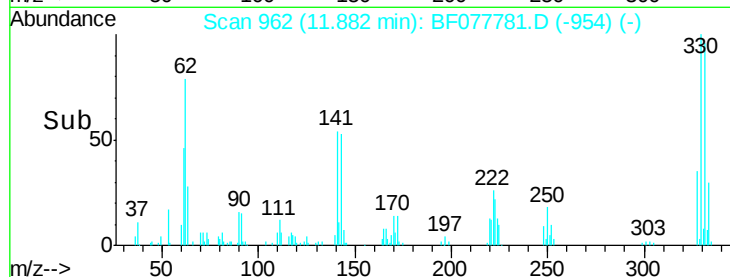
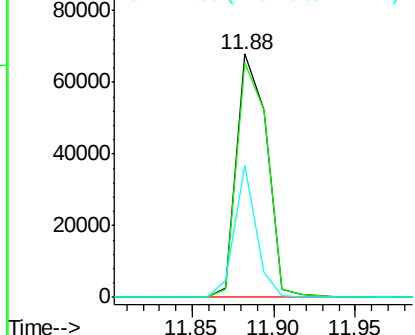
#41
 2,4,6-Tribromophenol
 Concen: 113.31 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	39.0	0.0	0.0#

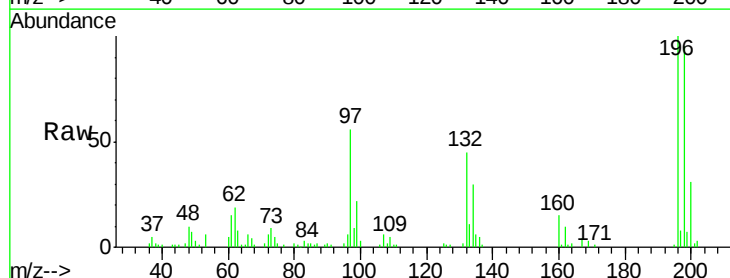


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

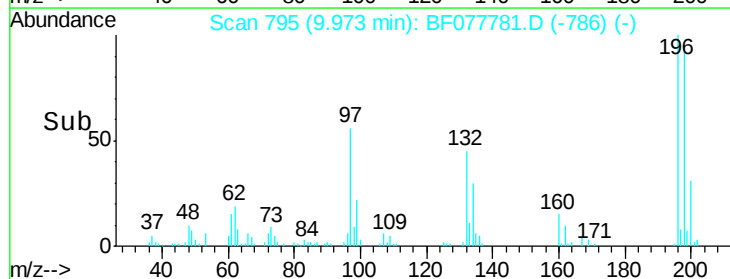
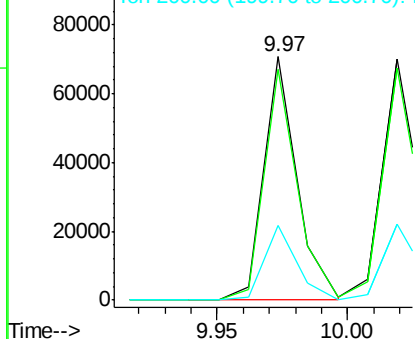


#42
 2,4,6-Trichlorophenol
 Concen: 38.01 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	30.6	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

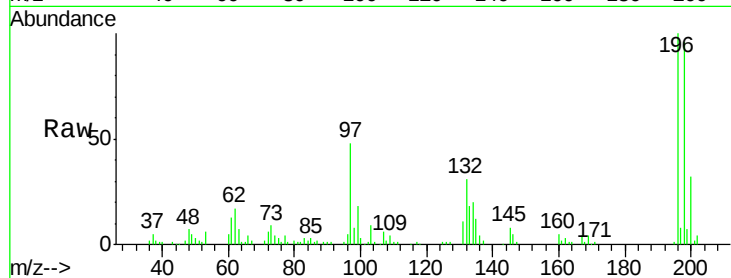




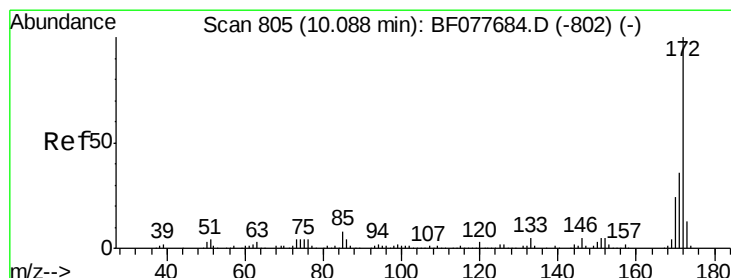
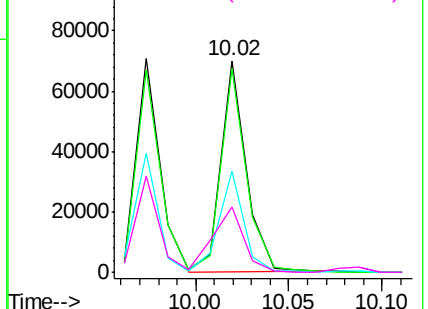
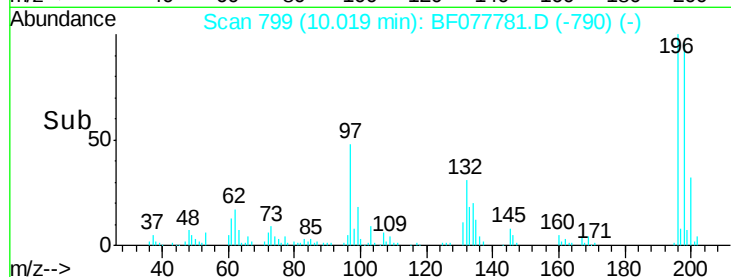
#43
 2,4,5-Trichlorophenol
 Concen: 37.13 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion:196 Resp: 66093
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.4 119.0
 97 47.9 26.8 40.2#
 132 31.0 18.6 28.0#

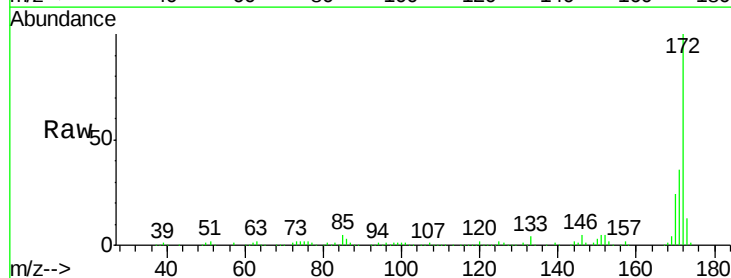


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

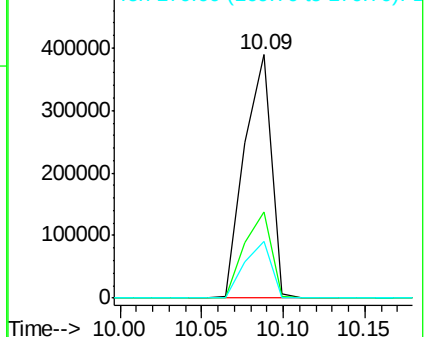
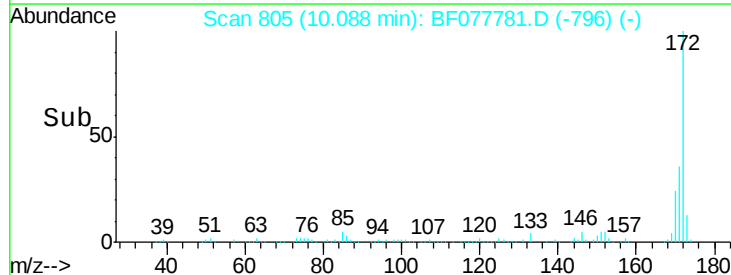


#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:172 Resp: 444492
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

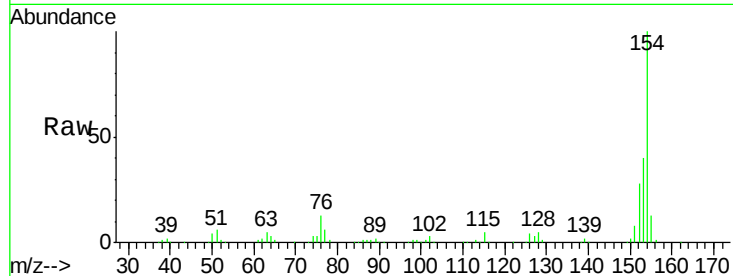




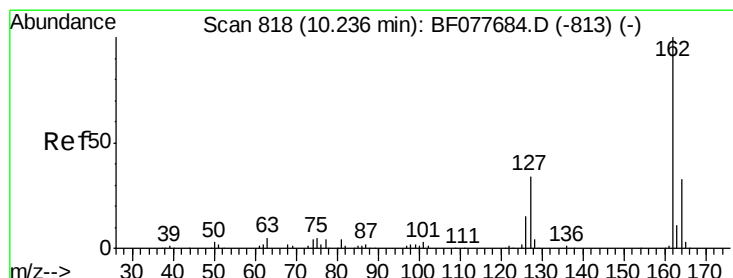
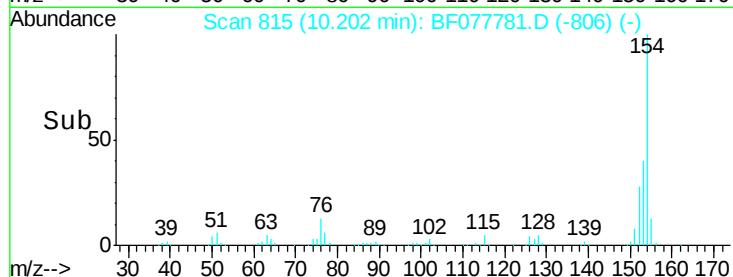
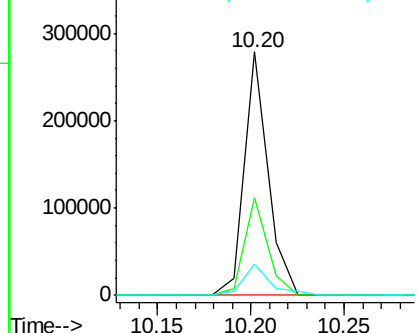
#45
 1,1'-Biphenyl
 Concen: 38.63 ng
 RT: 10.20 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion:154 Resp: 246238
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.7 60.7
 76 12.9 0.0 30.9

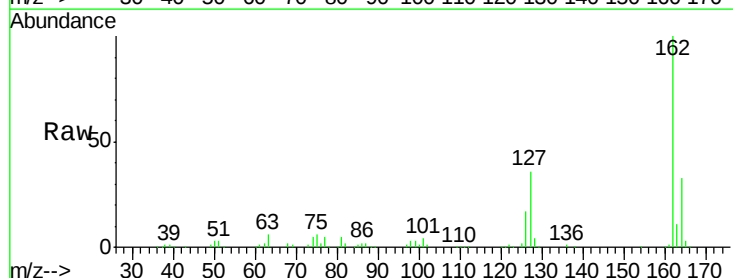


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

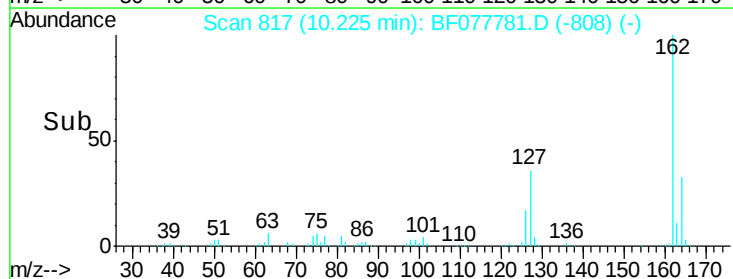
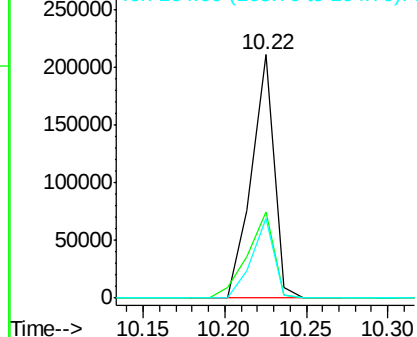


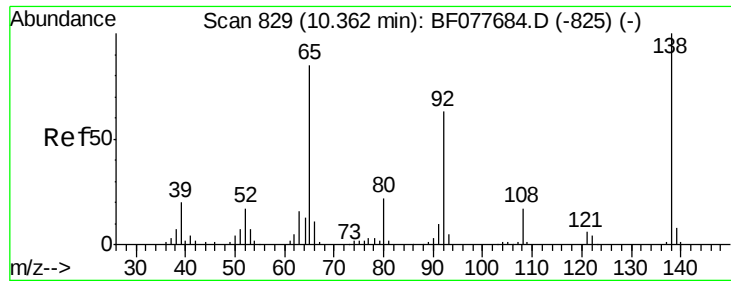
#46
 2-Chloronaphthalene
 Concen: 39.26 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:162 Resp: 203404
 Ion Ratio Lower Upper
 162 100
 127 35.6 26.9 40.3
 164 32.8 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

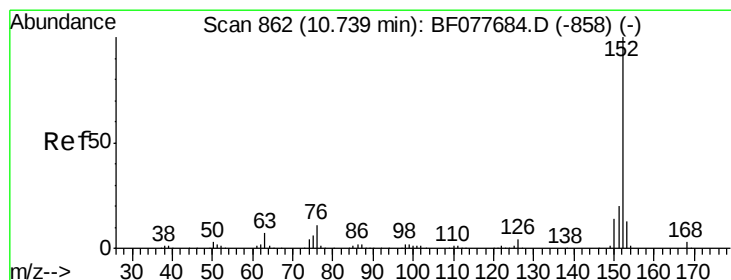
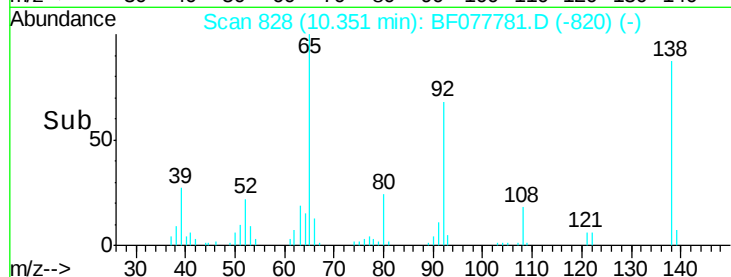
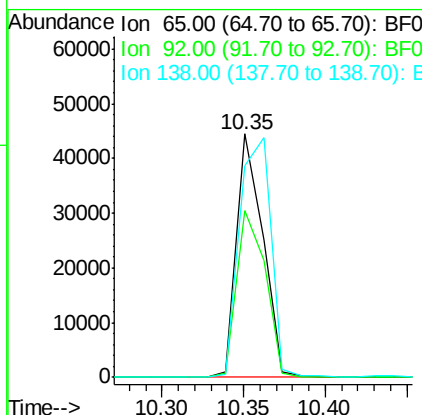
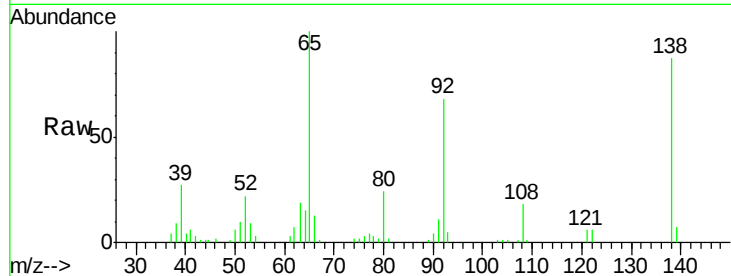




#47
2-Nitroaniline
Concen: 38.34 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

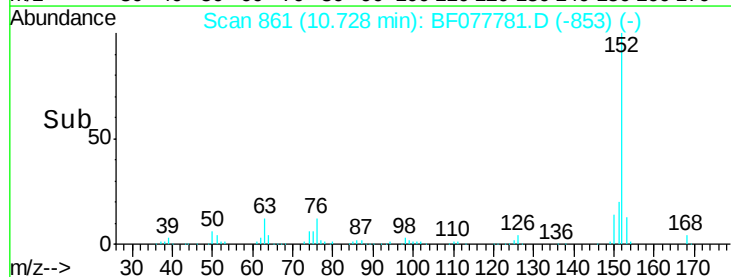
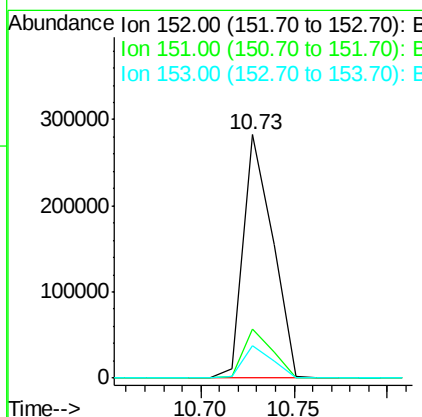
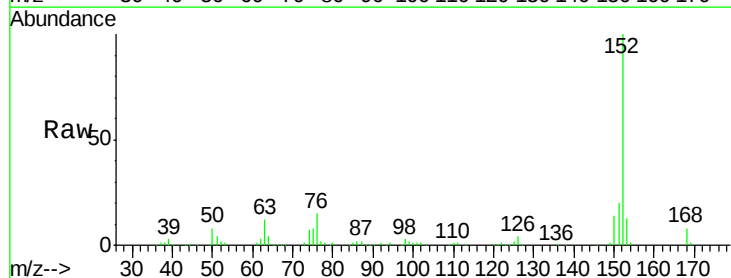
Instrument :
BNA_F
ClientSampleId :
PB82152BS

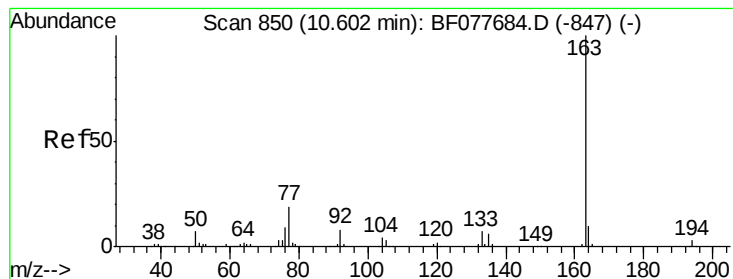
Tot Ion: 65 Resp: 49325
Ion Ratio Lower Upper
65 100
92 68.3 59.1 88.7
138 86.7 93.9 140.9#



#48
Acenaphthylene
Concen: 35.85 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 152 Resp: 308839
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 36.62 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

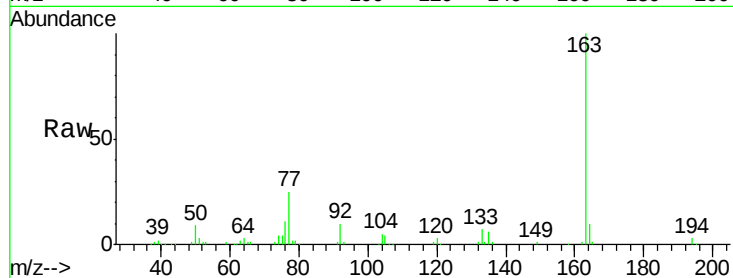
Tot Ion:163 Resp: 216590

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

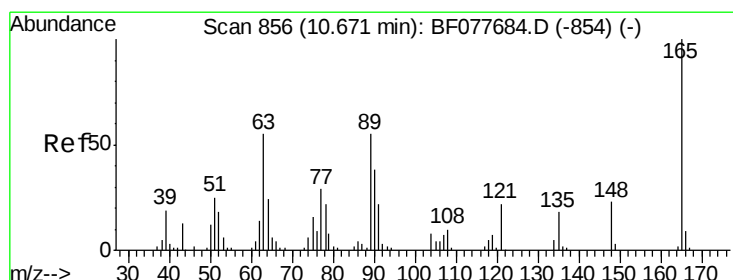
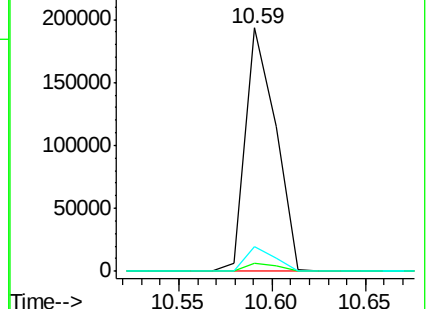
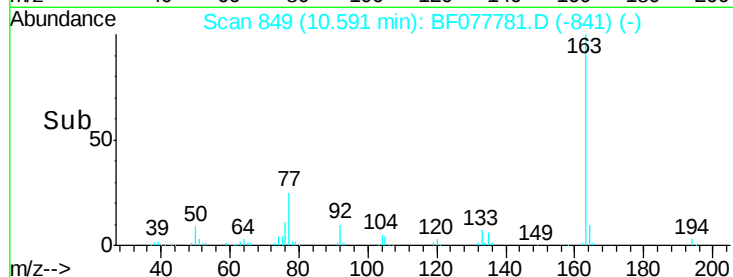
164 10.3 8.2 12.2



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: 39.05 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

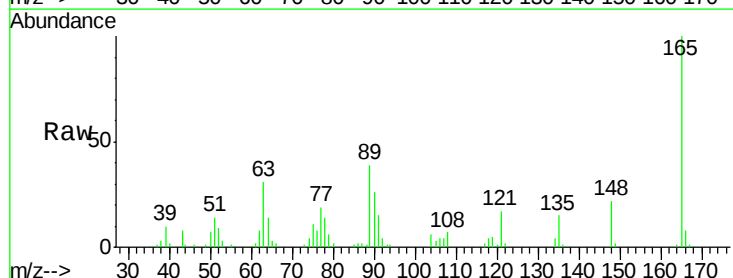
Tgt Ion:165 Resp: 47881

Ion Ratio Lower Upper

165 100

63 30.7 44.1 66.1#

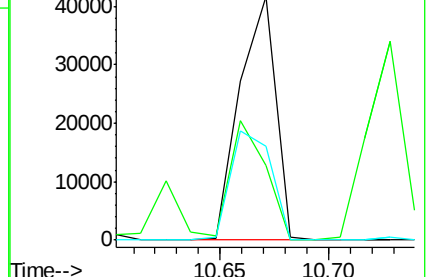
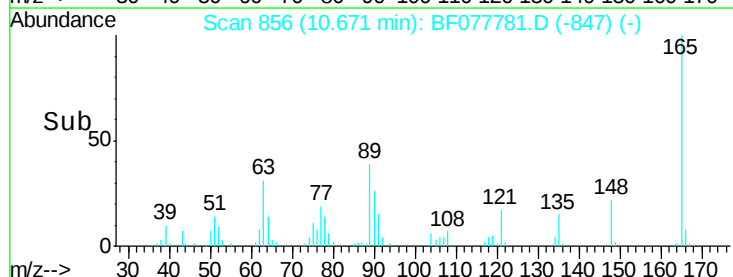
89 38.6 44.3 66.5#

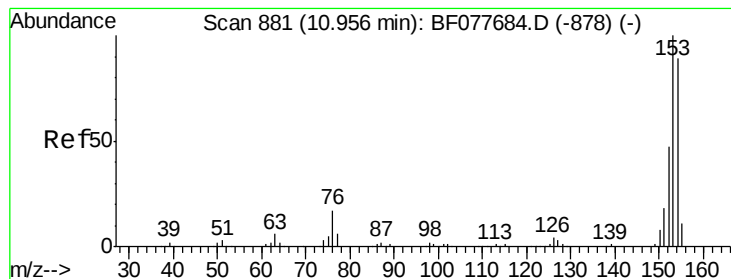


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.57 ng

RT: 10.94 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampled :

PB82152BS

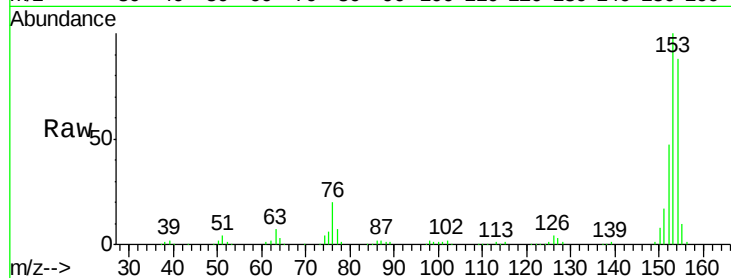
Tot Ion:154 Resp: 180638

Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

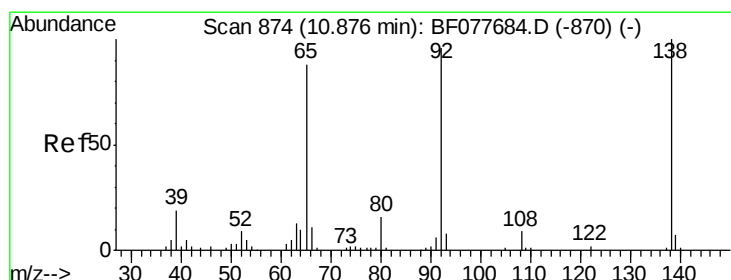
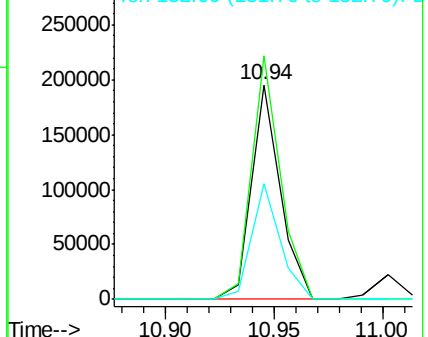
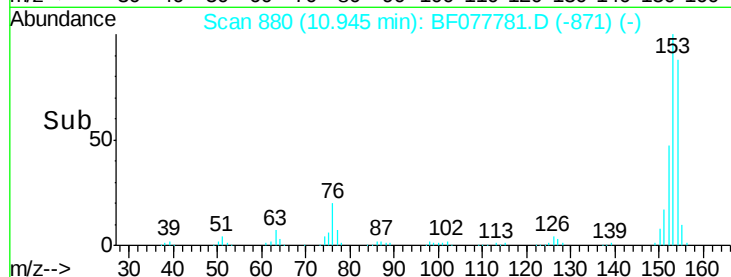
152 53.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.86 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

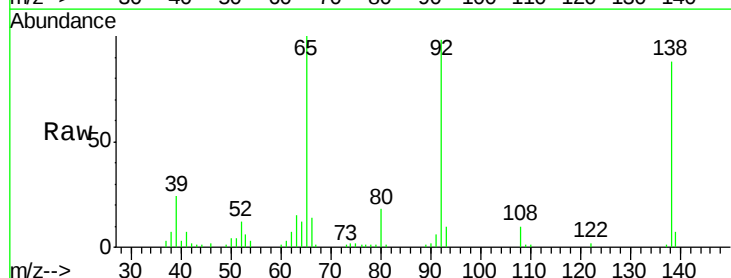
Tgt Ion:138 Resp: 39674

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

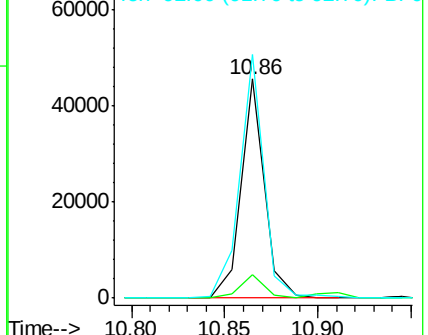
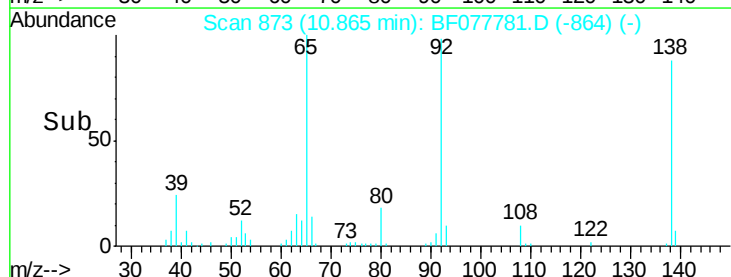
92 111.1 76.6 114.8

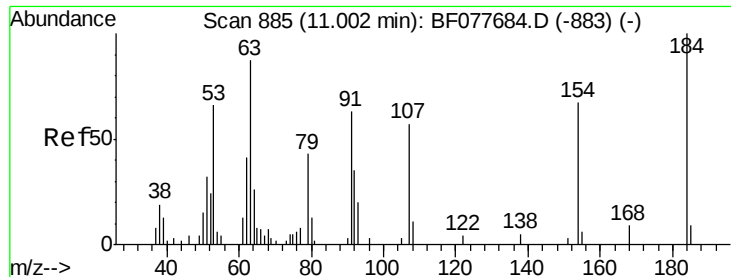


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

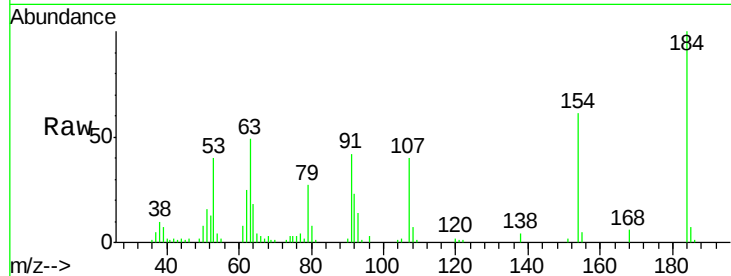




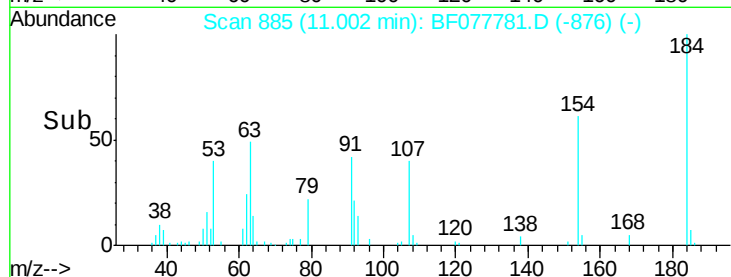
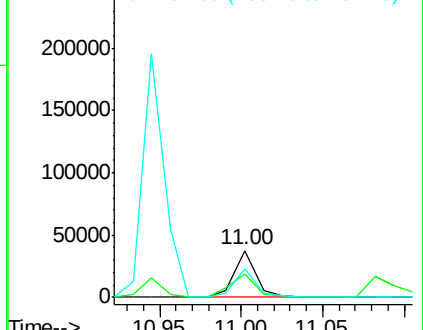
#53
 2,4-Dinitrophenol
 Concen: 77.36 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampled :
 PB82152BS

Tot Ion:184 Resp: 34711
 Ion Ratio Lower Upper
 184 100
 63 49.1 69.2 103.8#
 154 61.0 53.3 79.9

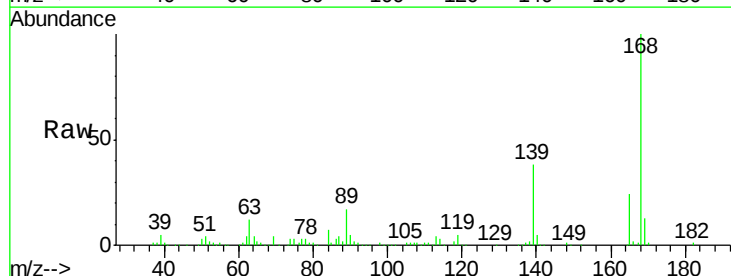


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

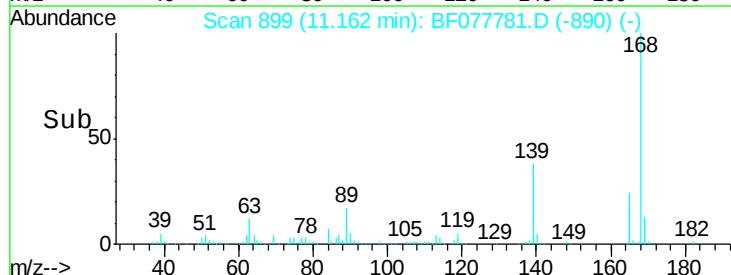
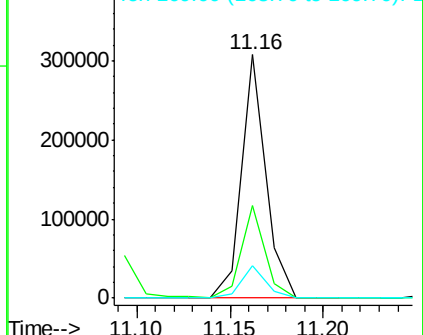


#54
 Dibenzofuran
 Concen: 38.06 ng
 RT: 11.16 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:168 Resp: 278809
 Ion Ratio Lower Upper
 168 100
 139 37.9 27.3 40.9
 169 13.4 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

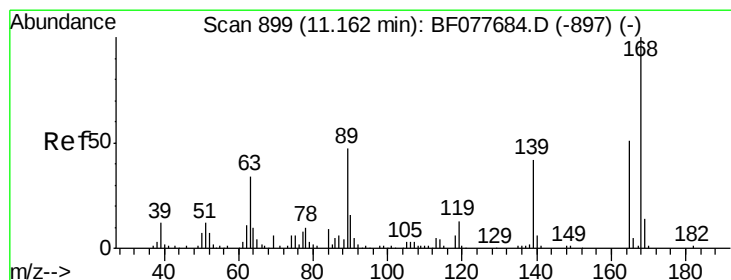
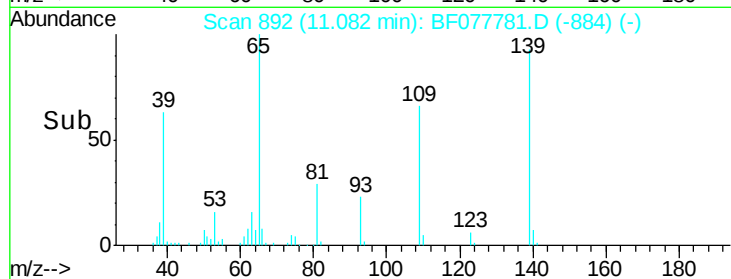
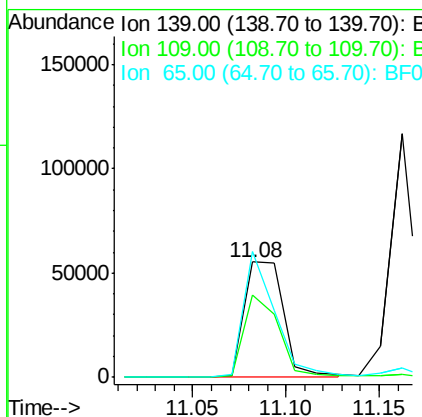
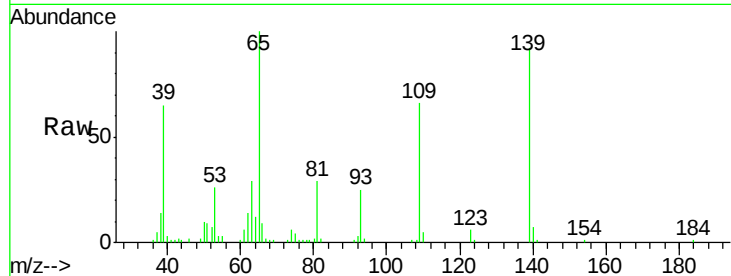




#55
4-Nitrophenol
Concen: 77.50 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

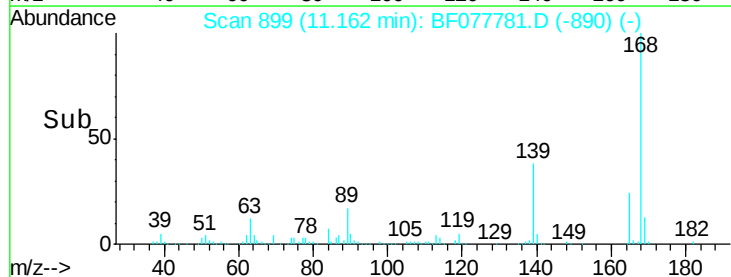
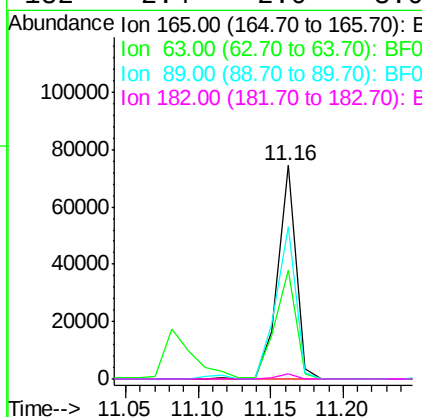
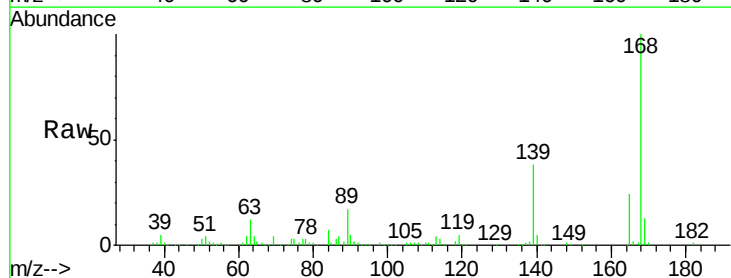
Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:139 Resp: 81741
Ion Ratio Lower Upper
139 100
109 71.6 37.7 77.7
65 109.1 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 40.77 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:165 Resp: 65177
Ion Ratio Lower Upper
165 100
63 50.9 52.4 78.6#
89 71.4 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 37.34 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

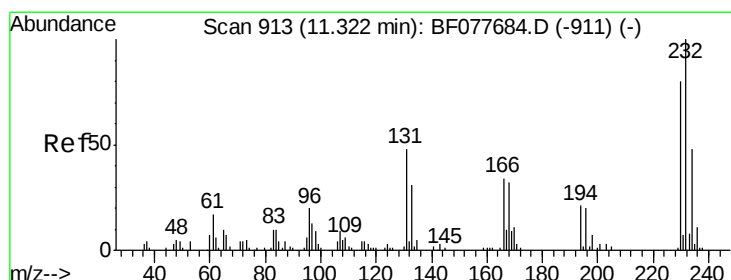
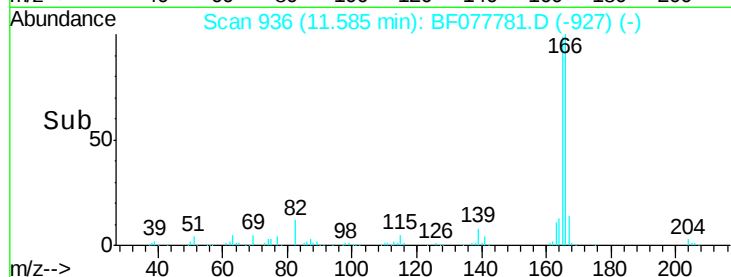
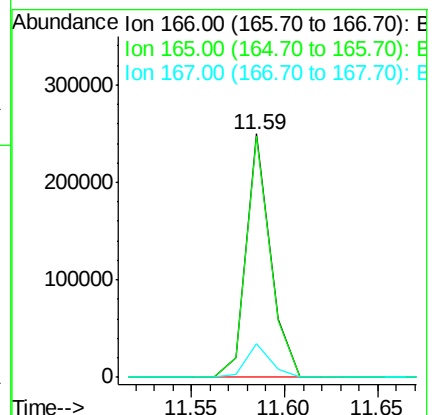
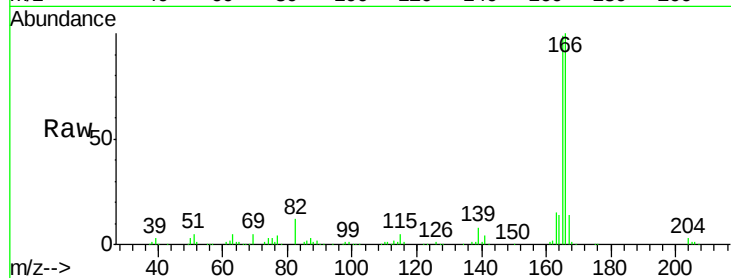
Tot Ion:166 Resp: 227144

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

167 13.6 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.06 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Tgt Ion:232 Resp: 52166

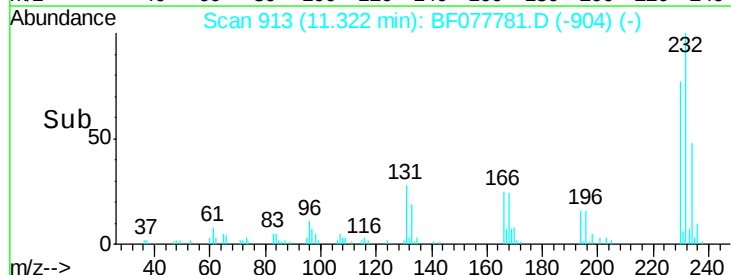
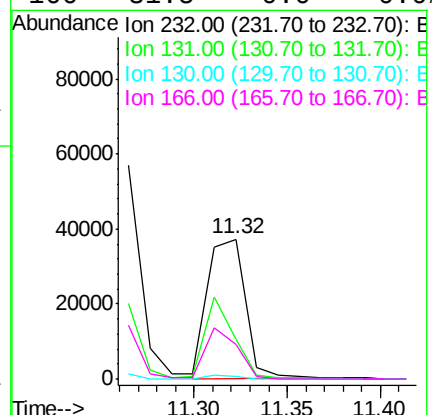
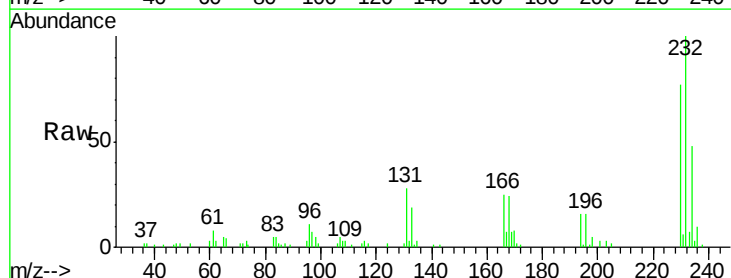
Ion Ratio Lower Upper

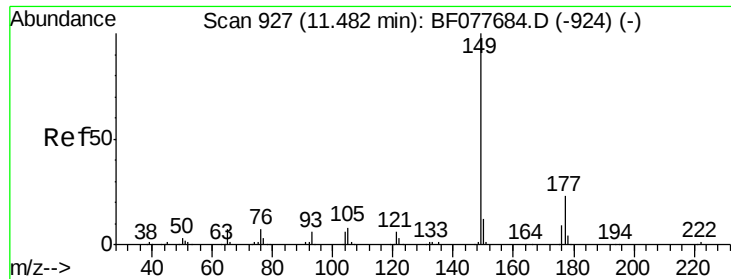
232 100

131 45.5 0.0 0.0#

130 2.3 0.0 0.0#

166 31.5 0.0 0.0#

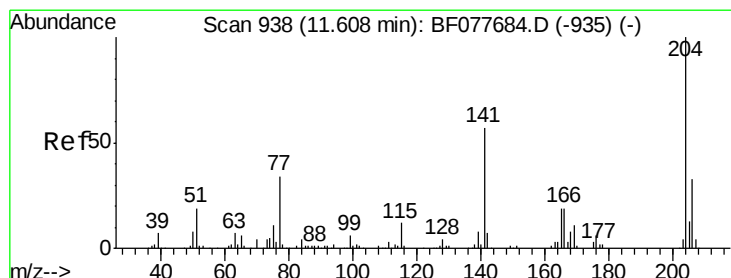
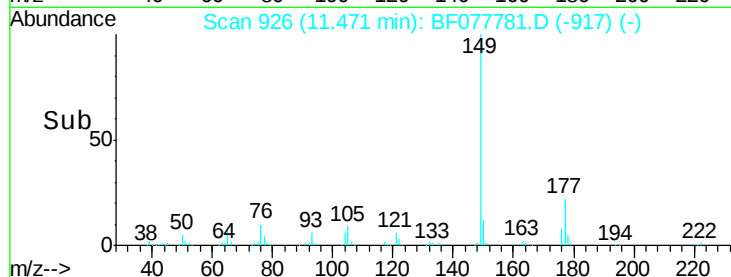
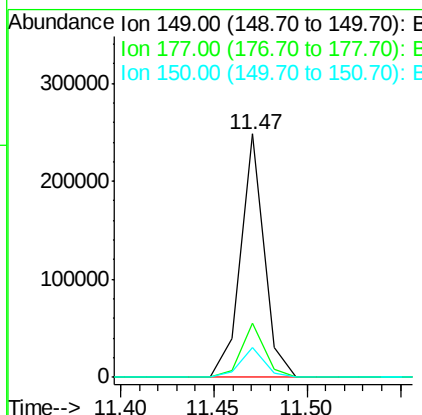
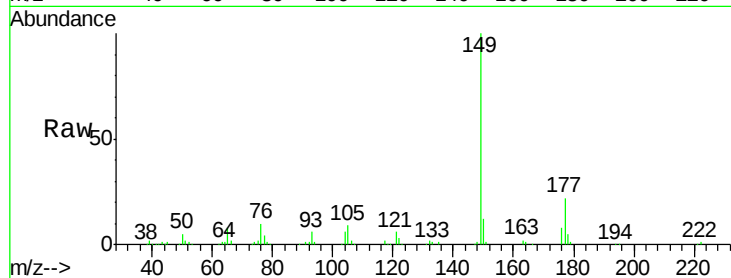




#59
Diethylphthalate
Concen: 38.00 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

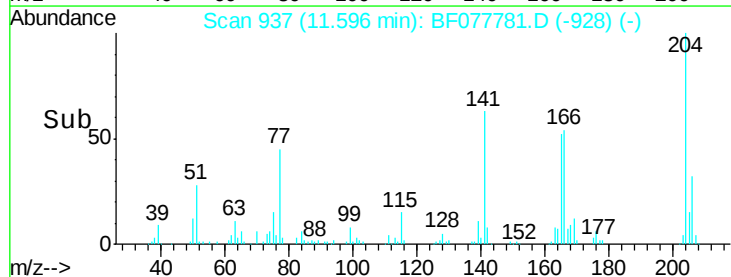
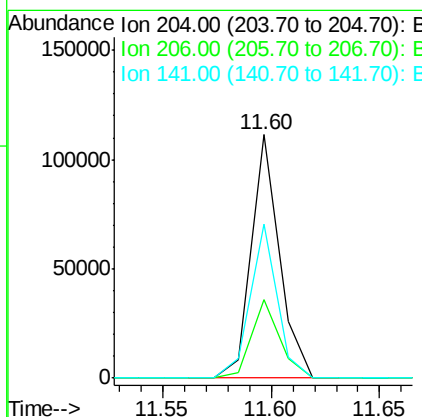
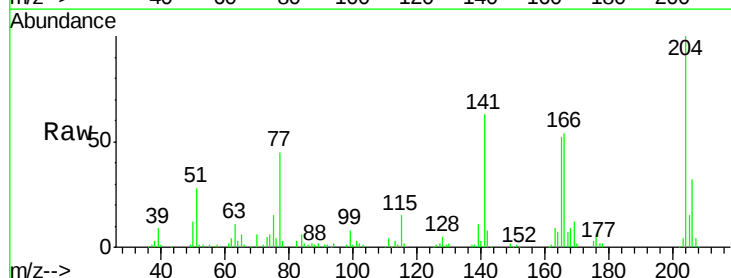
Instrument :
BNA_F
ClientSampleId :
PB82152BS

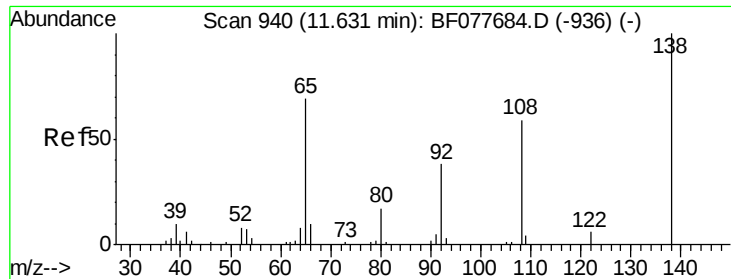
Tot Ion:149 Resp: 218982
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 36.05 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:204 Resp: 100083
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 63.4 45.2 67.8

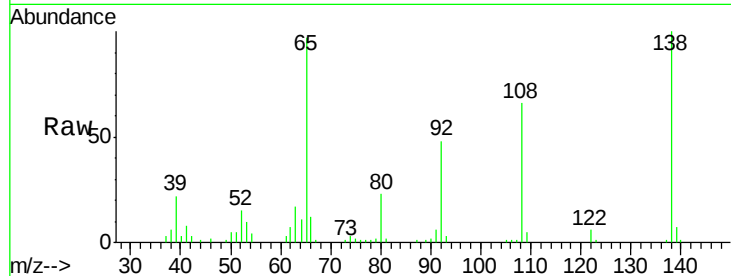




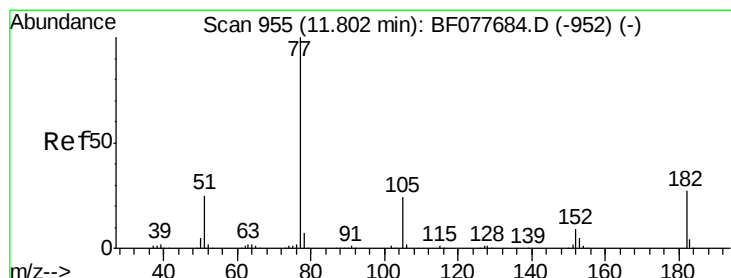
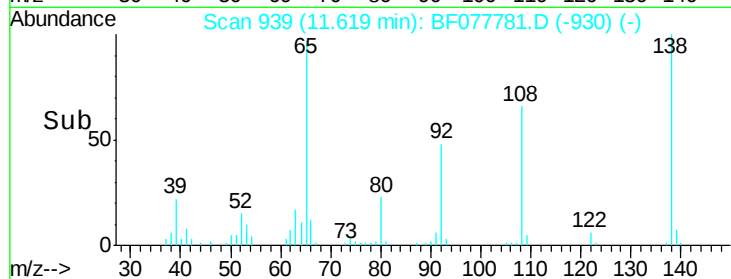
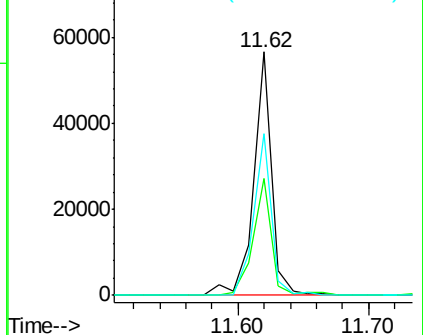
#61
4-Nitroaniline
Concen: 38.35 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:138 Resp: 54418
Ion Ratio Lower Upper
138 100
92 47.9 16.7 56.7
108 66.5 37.6 77.6

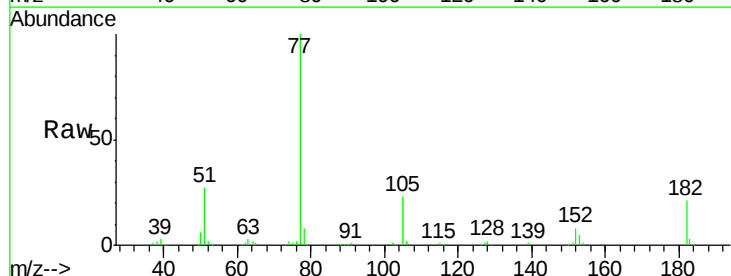


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

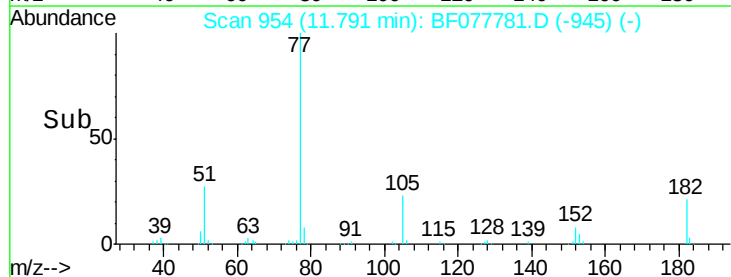
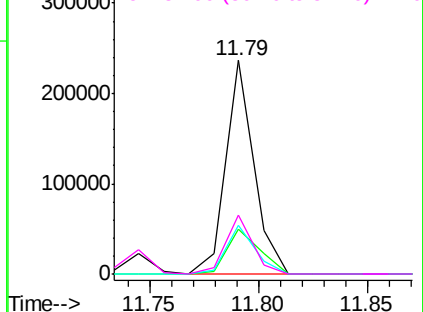


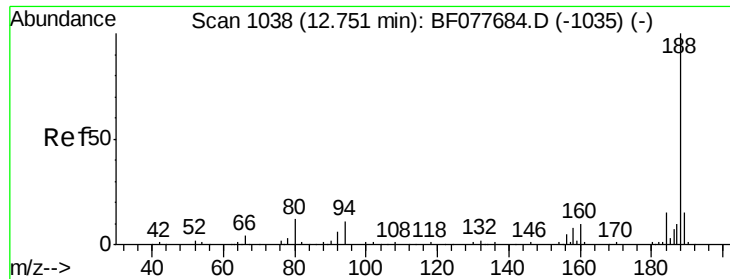
#62
Azobenzene
Concen: 38.35 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion: 77 Resp: 211241
Ion Ratio Lower Upper
77 100
182 20.9 6.5 46.5
105 22.7 3.8 43.8
51 27.4 5.5 45.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

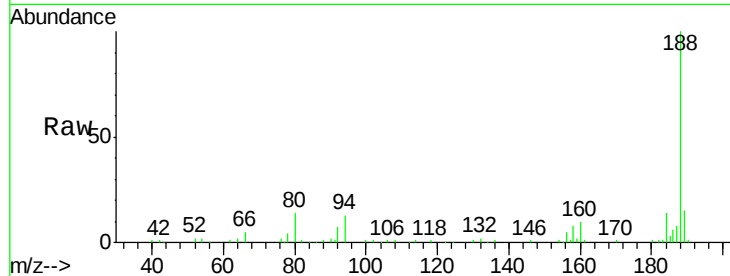
Tot Ion:188 Resp: 149011

Ion Ratio Lower Upper

188 100

94 13.0 8.7 13.1

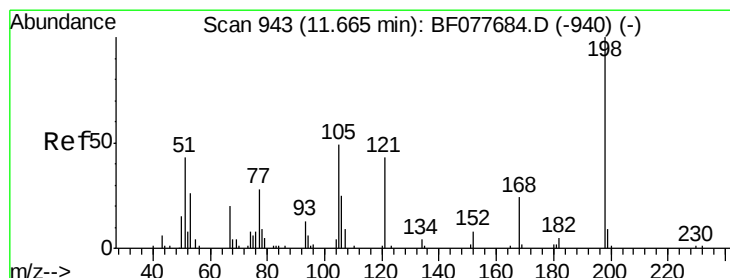
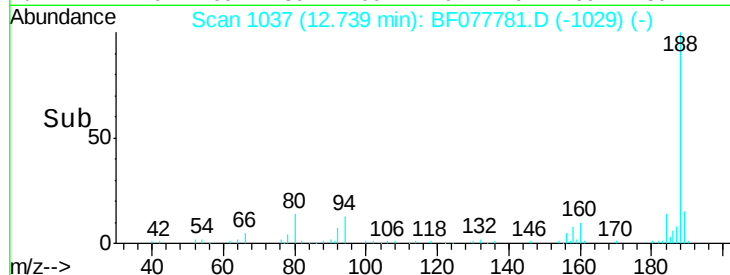
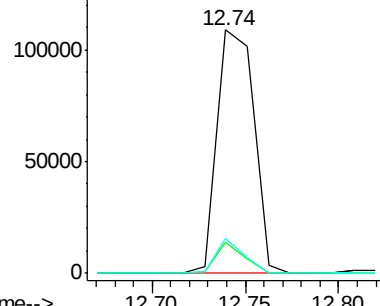
80 14.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.07 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

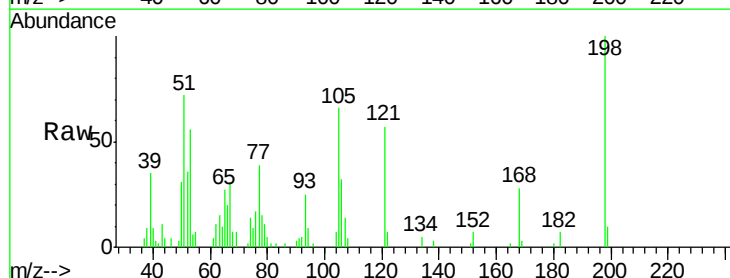
Tgt Ion:198 Resp: 23006

Ion Ratio Lower Upper

198 100

51 71.8 28.8 68.8#

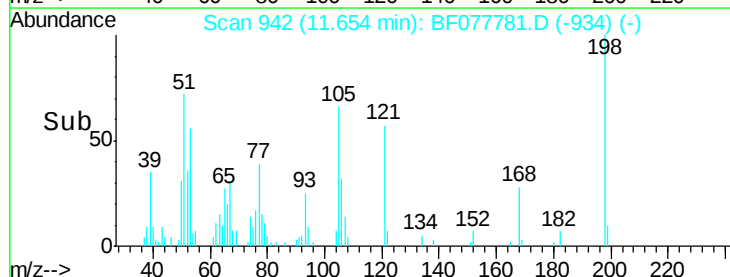
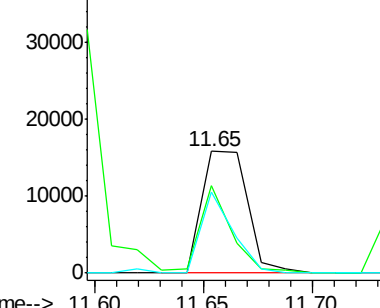
105 66.0 30.5 70.5



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

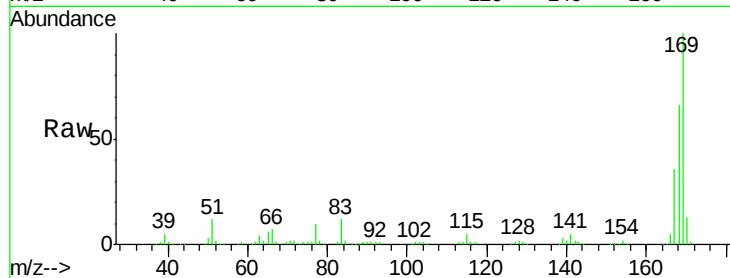




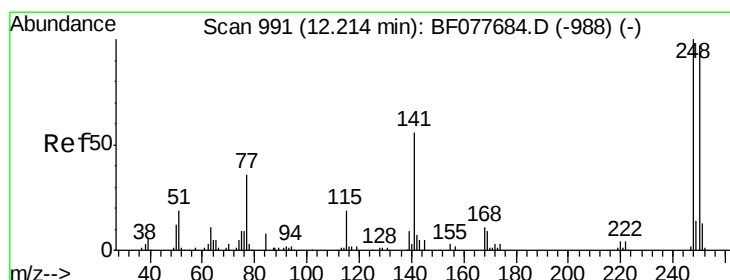
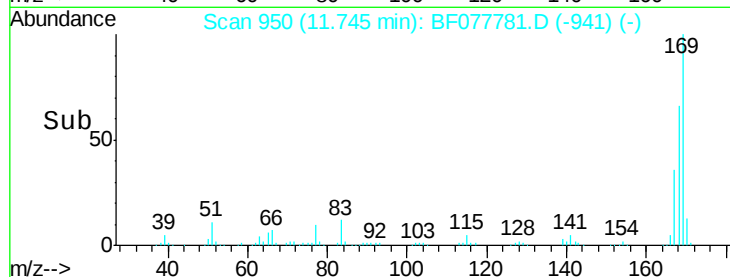
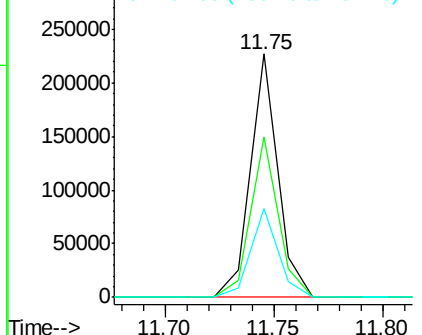
#65
 n-Nitrosodiphenylamine
 Concen: 40.05 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion:169 Resp: 198727
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.9 80.9
 167 36.3 28.9 43.3

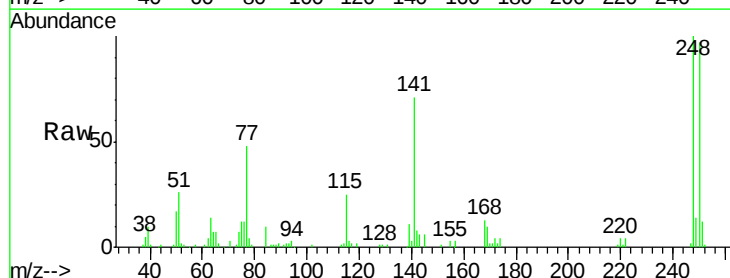


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

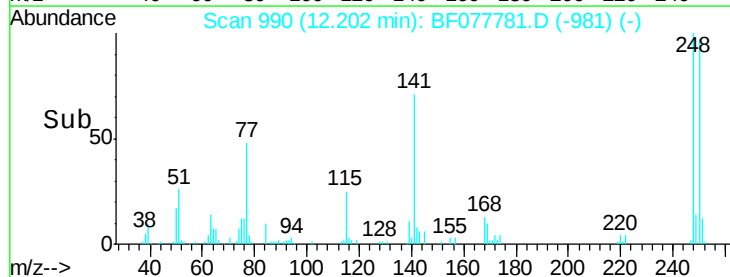
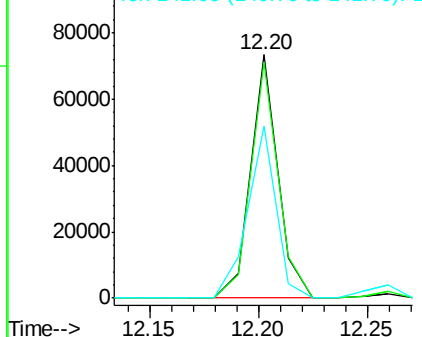


#66
 4-Bromophenyl-phenylether
 Concen: 40.13 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:248 Resp: 63817
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.4 116.0
 141 70.7 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

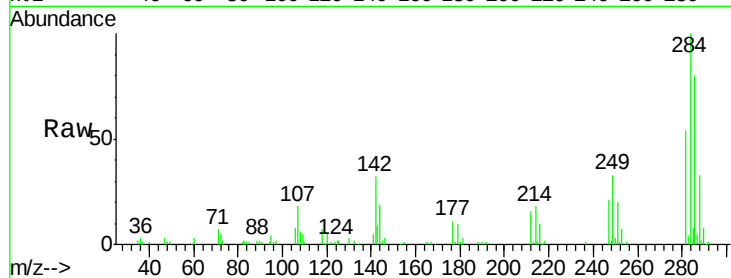




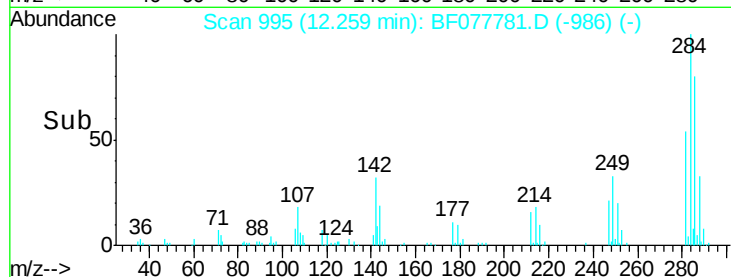
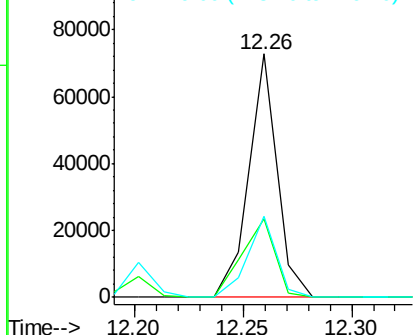
#67
Hexachlorobenzene
Concen: 37.75 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:284 Resp: 65969
Ion Ratio Lower Upper
284 100
142 32.0 20.4 30.6#
249 33.3 23.8 35.6

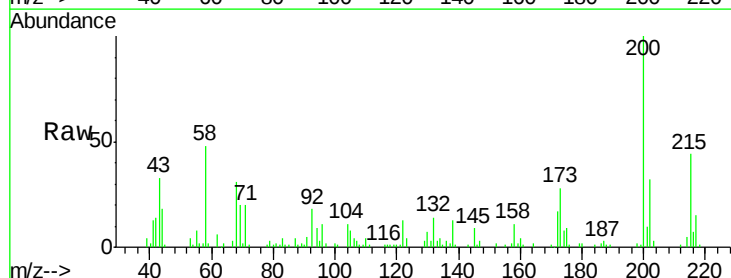


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

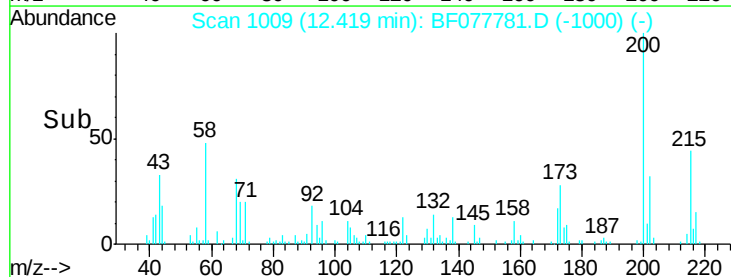
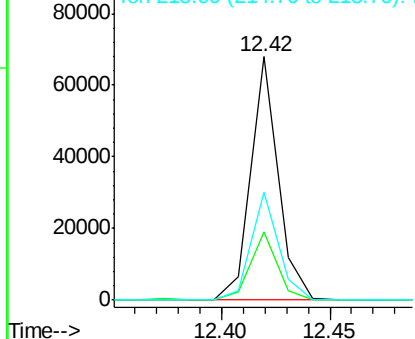


#68
Atrazine
Concen: 42.68 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:200 Resp: 59340
Ion Ratio Lower Upper
200 100
173 27.8 4.8 44.8
215 44.3 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

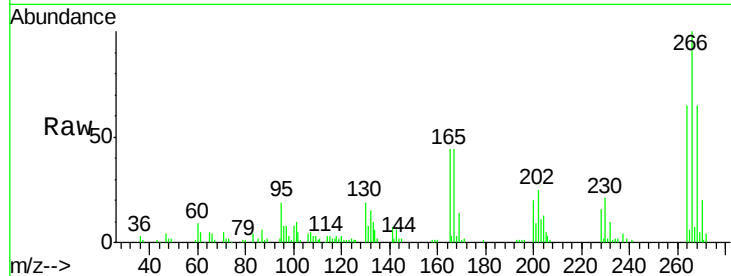




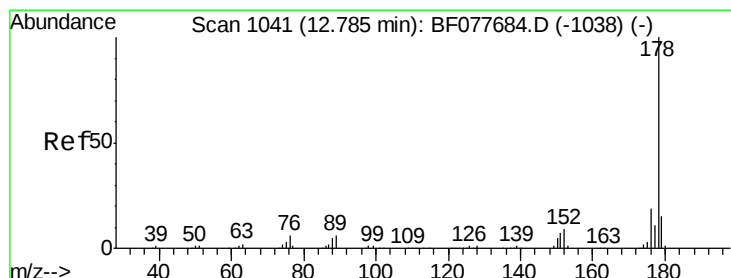
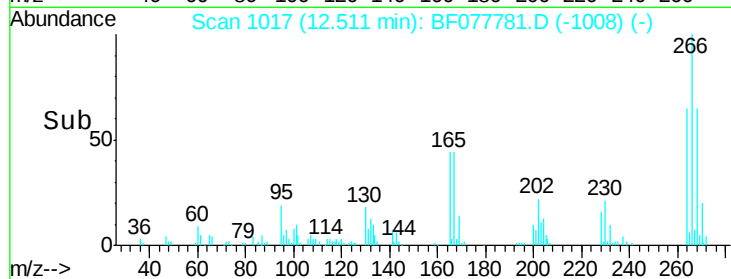
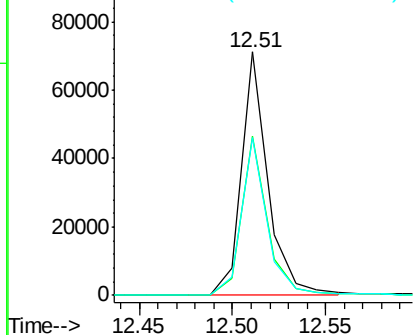
#69
 Pentachlorophenol
 Concen: 77.30 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion:266 Resp: 70645
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.0 78.0
 264 64.9 49.0 73.4

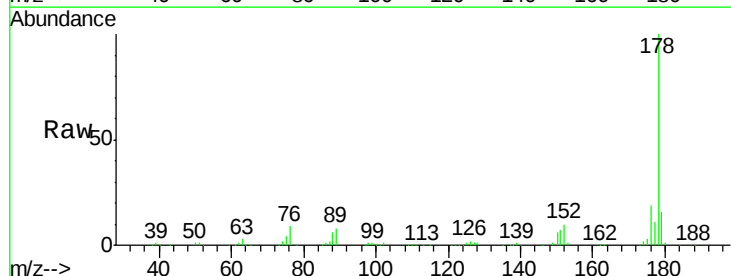


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

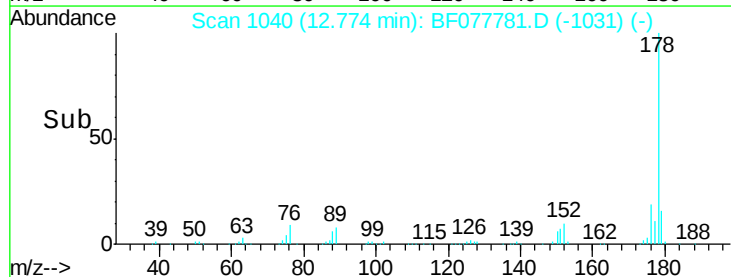
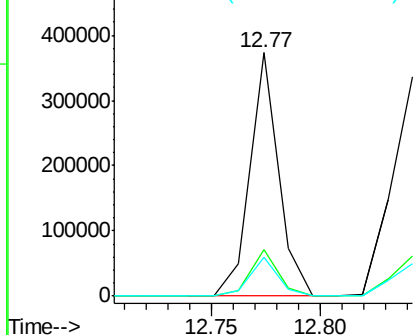


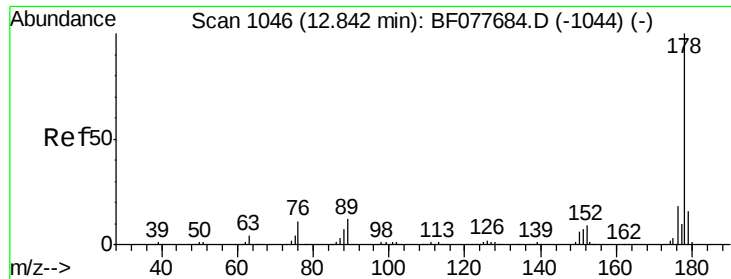
#70
 Phenanthrene
 Concen: 40.02 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion:178 Resp: 342339
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.8 12.1 18.1



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

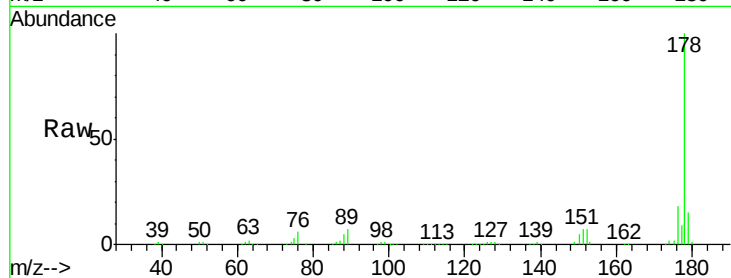




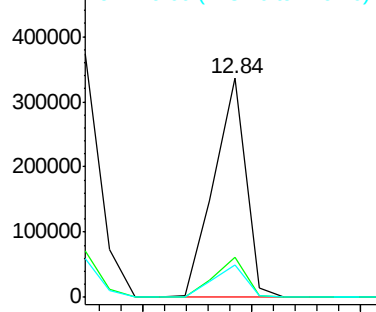
#71
 Anthracene
 Concen: 40.76 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

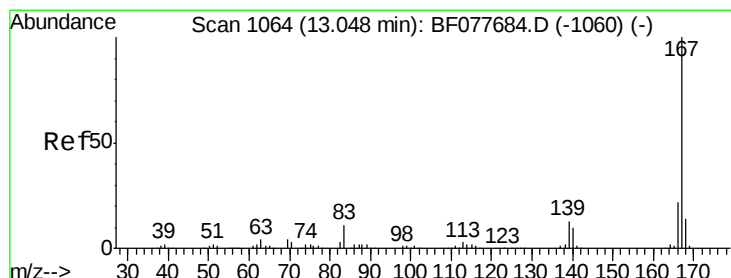
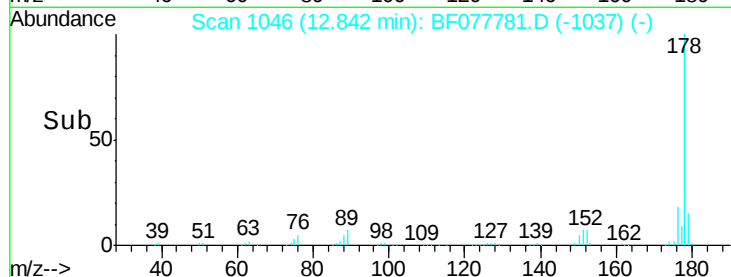
Tot Ion:178 Resp: 344456
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 14.9 12.6 19.0



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

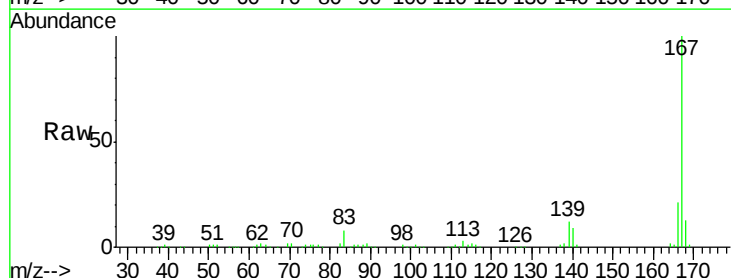


Time-->

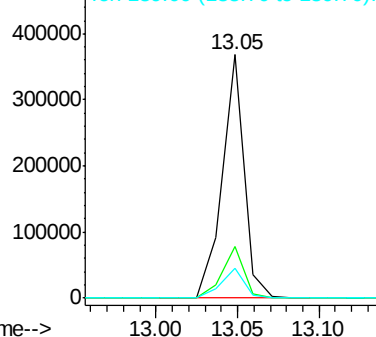


#72
 Carbazole
 Concen: 42.51 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

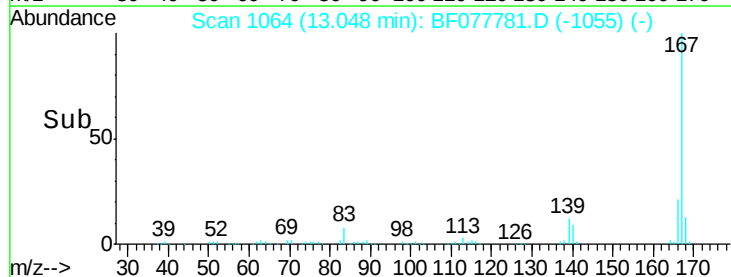
Tgt Ion:167 Resp: 341748
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.1 10.8 16.2



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



Time-->

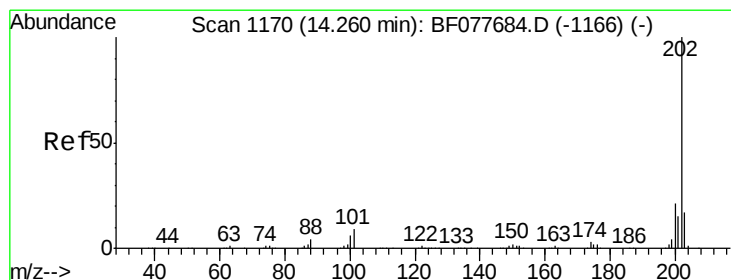
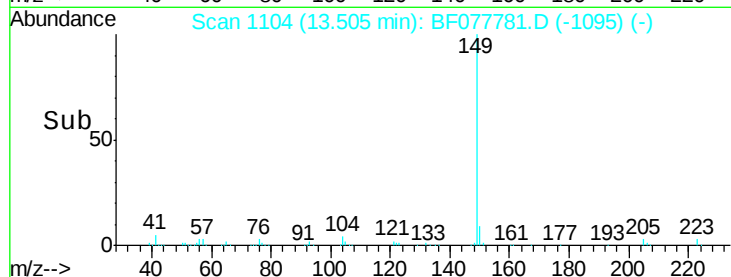
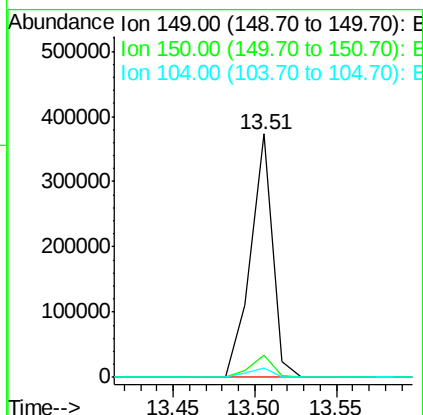
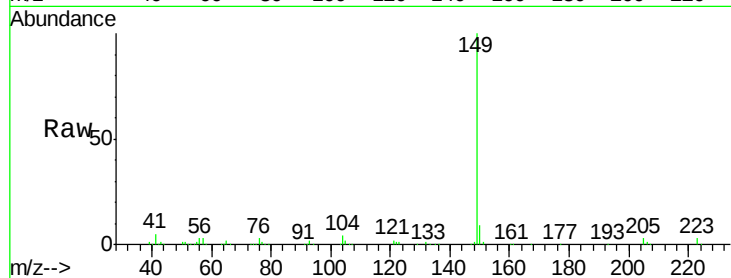




#73
Di-n-butylphthalate
Concen: 38.78 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

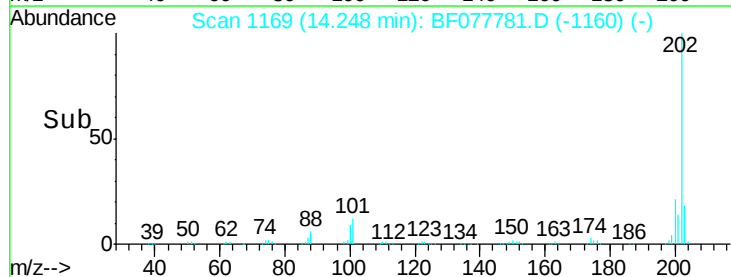
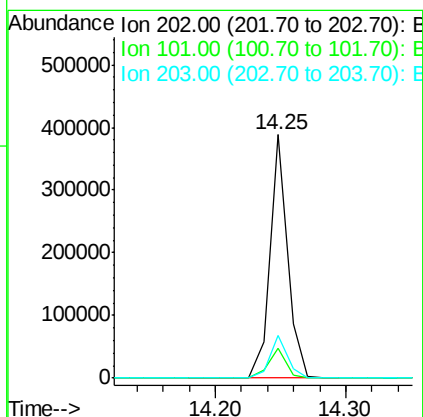
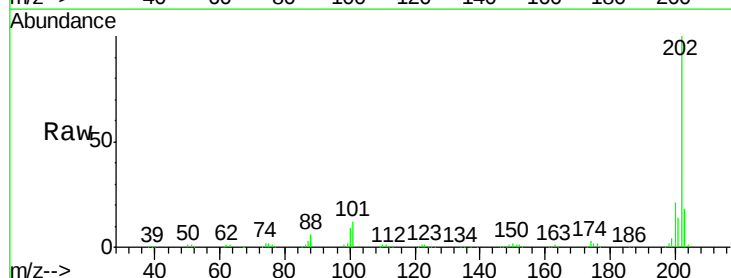
Instrument :
BNA_F
ClientSampleId :
PB82152BS

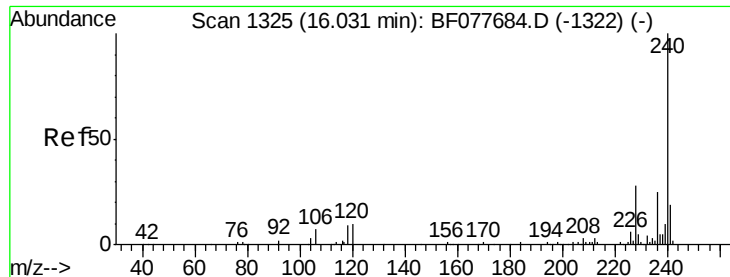
Tot Ion:149 Resp: 349545
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.0 3.7 5.5



#74
Fluoranthene
Concen: 39.04 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:202 Resp: 368397
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

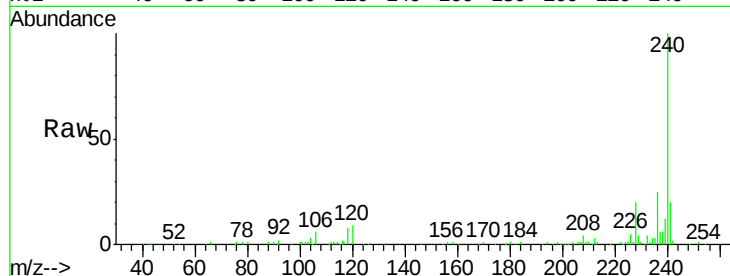
Tot Ion:240 Resp: 164382

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

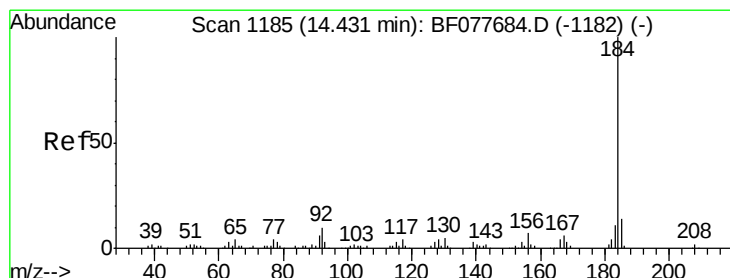
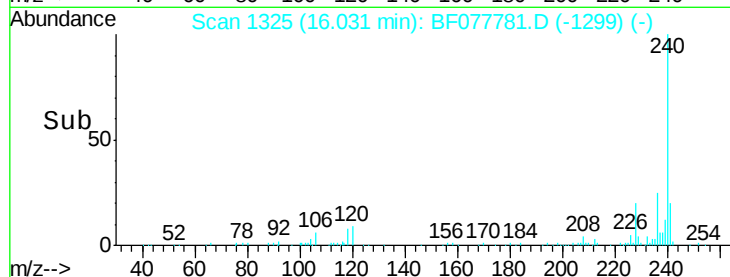
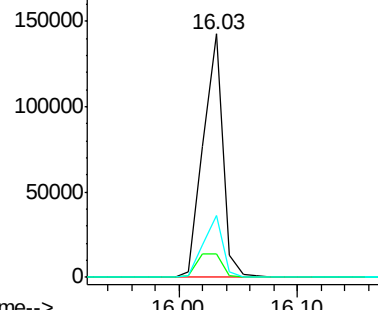
236 25.5 20.0 30.0



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: 36.62 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

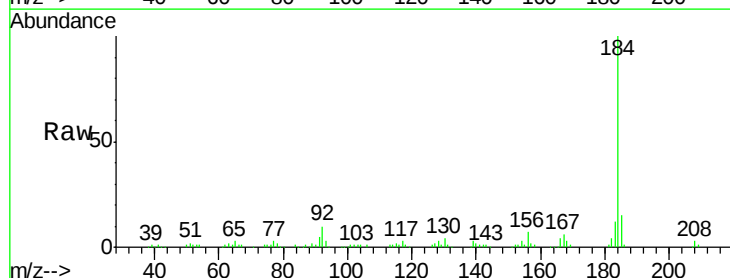
Tgt Ion:184 Resp: 149053

Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

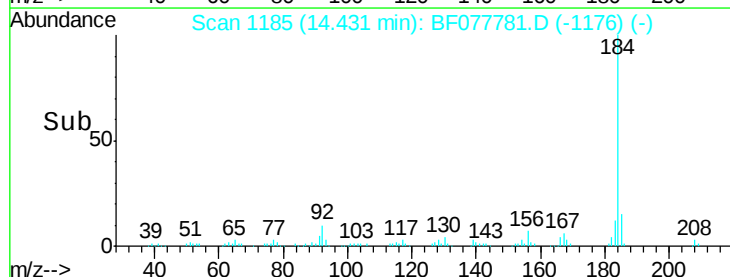
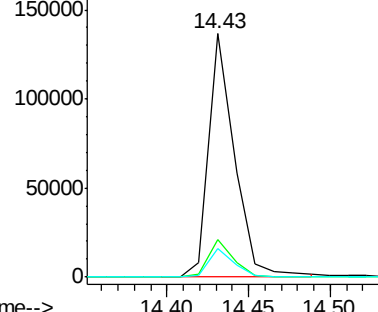
183 11.8 8.9 13.3

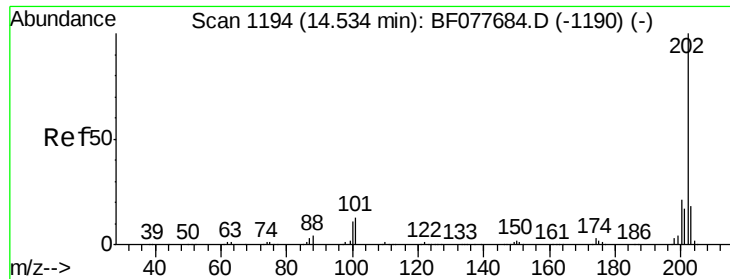


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

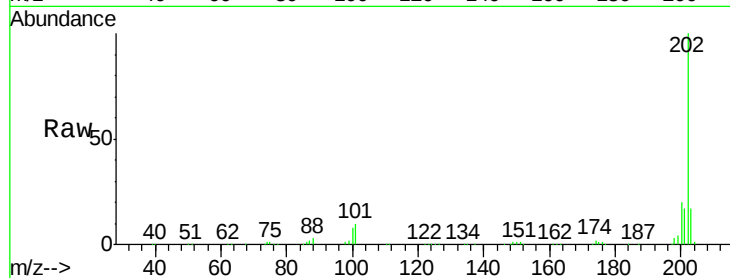




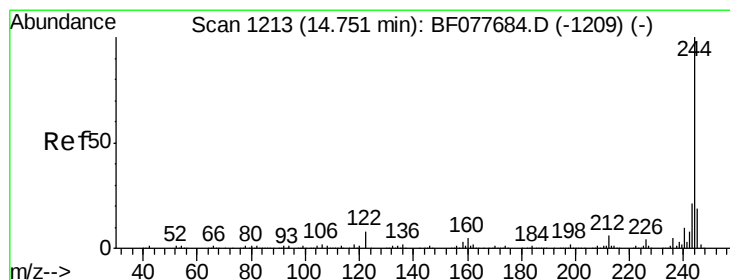
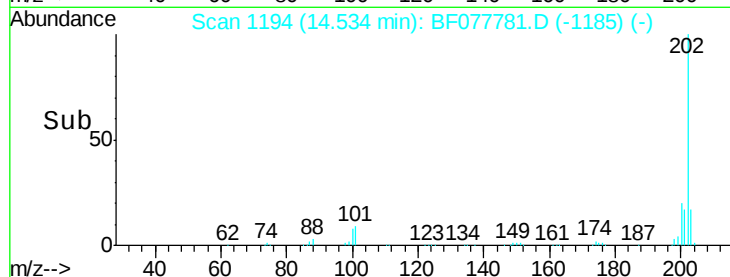
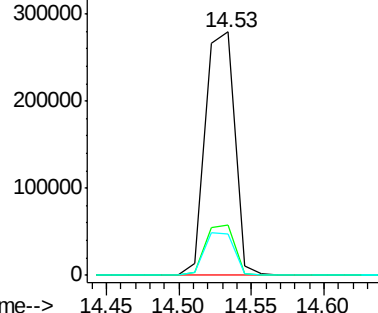
#77
Pvrene
Concen: 38.02 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	16.9	14.1	21.1

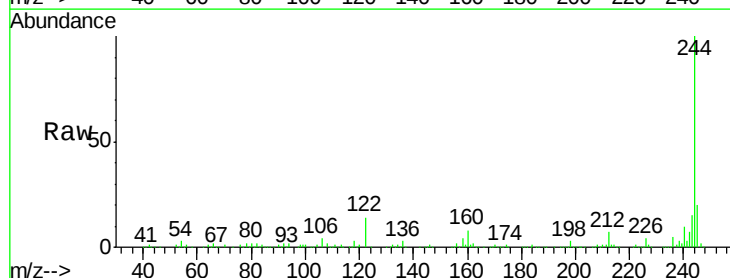


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

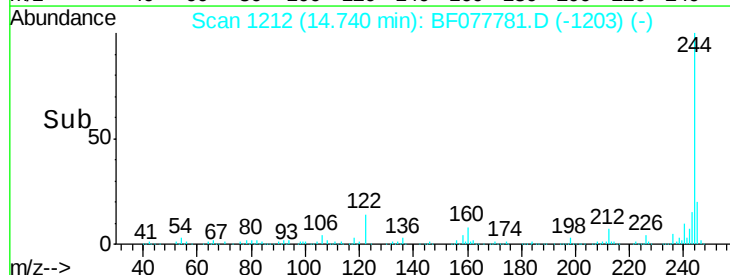
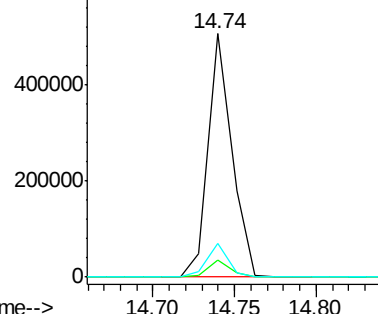


#78
Terphenyl-d14
Concen: 75.42 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	13.7	6.2	9.4



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

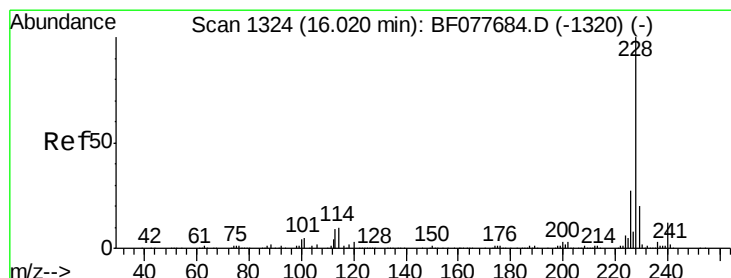
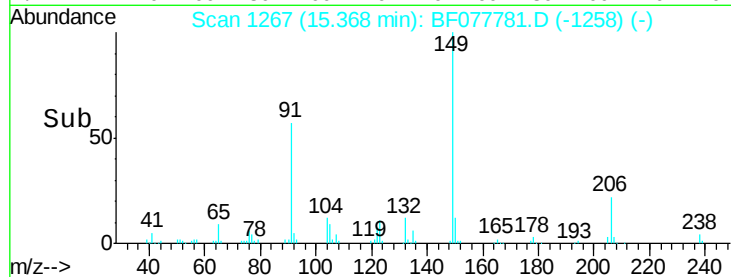
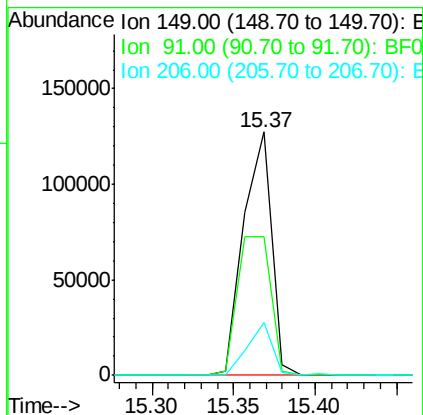
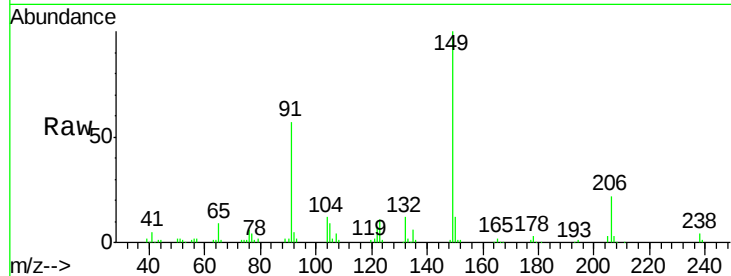




#79
Butylbenzylphthalate
Concen: 37.16 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

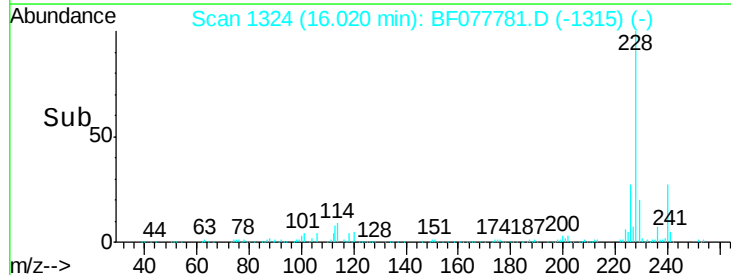
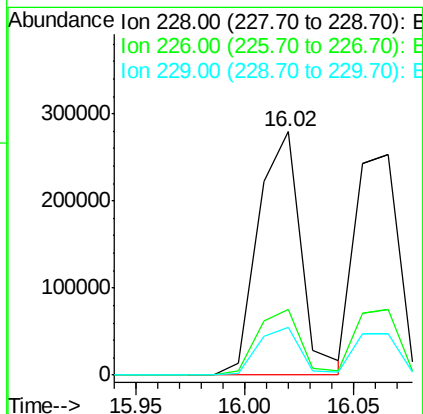
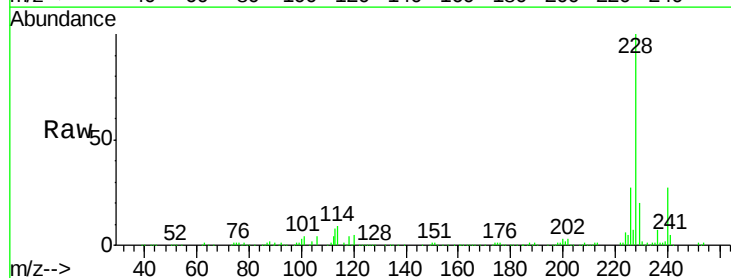
Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:149 Resp: 151454
Ion Ratio Lower Upper
149 100
91 56.9 50.1 75.1
206 21.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 39.41 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:228 Resp: 384025
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 16.0 24.0

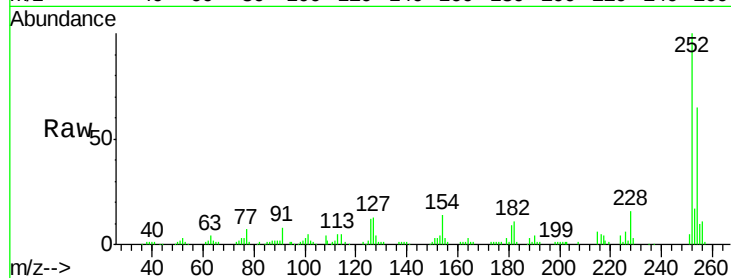




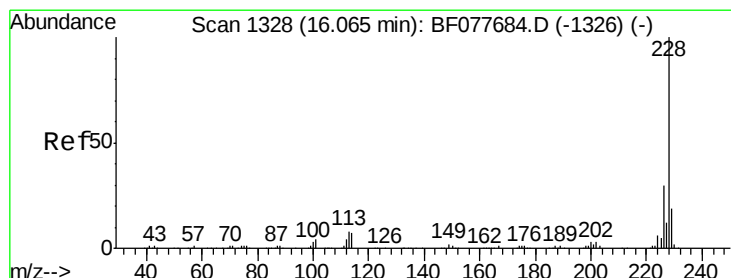
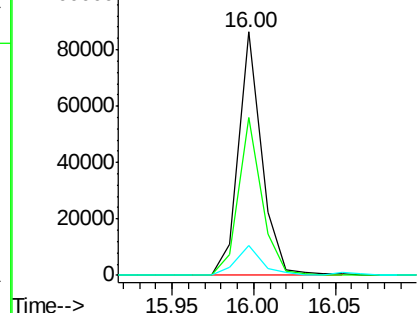
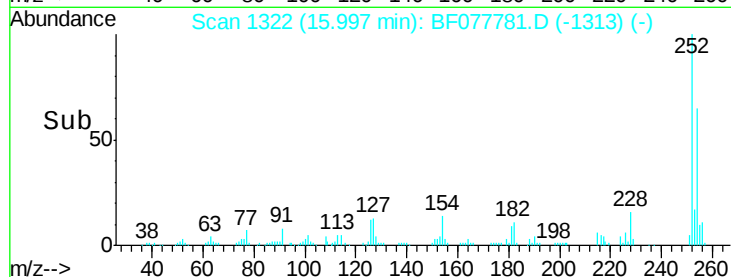
#81
 3,3'-Dichlorobenzidine
 Concen: 26.47 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	12.4	9.8	14.8

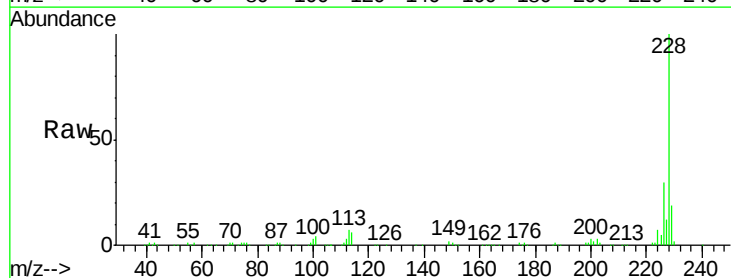


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

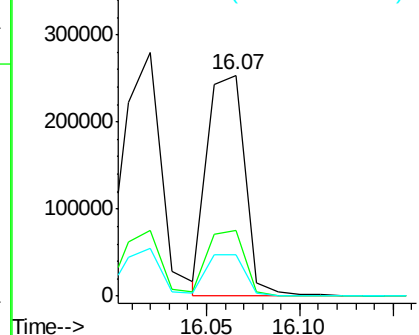
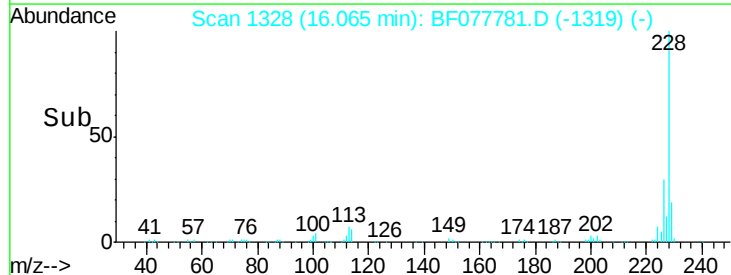


#82
 Chrysene
 Concen: 40.29 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	18.8	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: 35.02 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

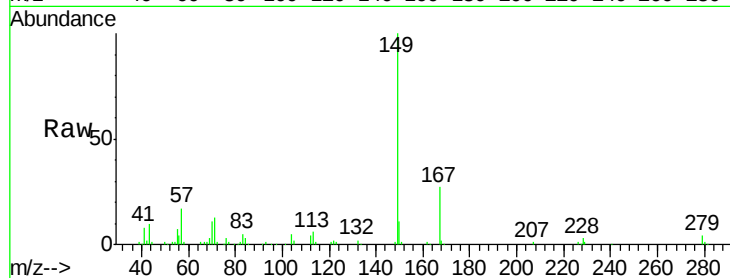
Tot Ion:149 Resp: 216193

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

279 4.4 3.4 5.0

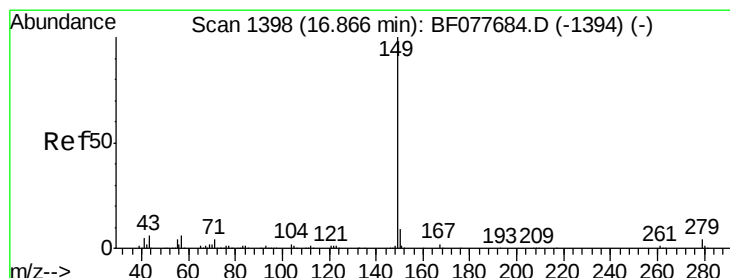
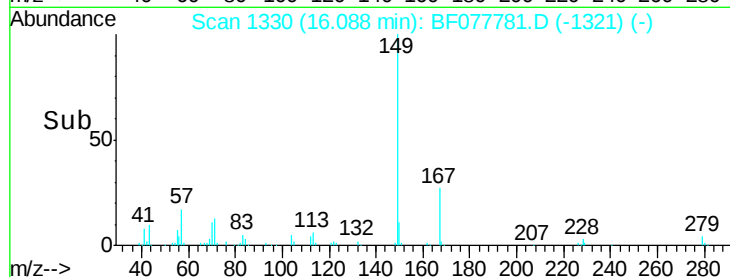
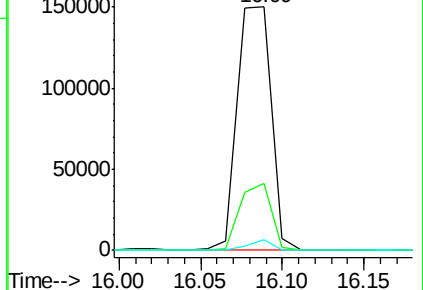


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

16.09



#84

Di-n-octyl phthalate

Concen: 33.62 ng

RT: 16.87 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

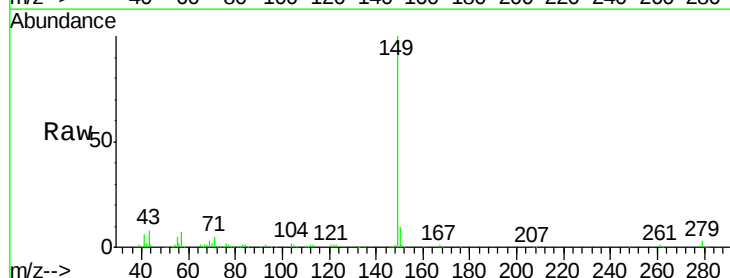
Tgt Ion:149 Resp: 354828

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.1 7.3 10.9

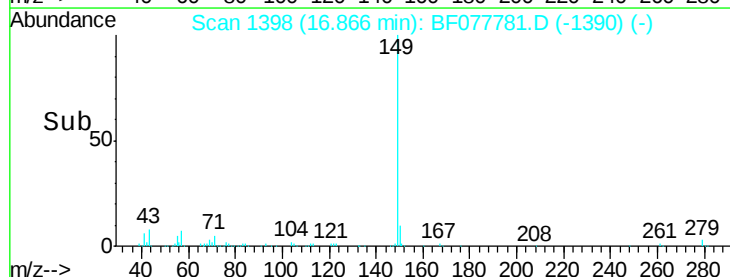
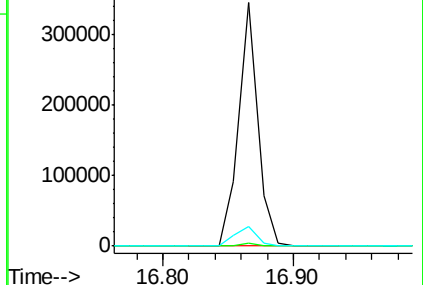


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

16.87





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.98 ng

RT: 19.12 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

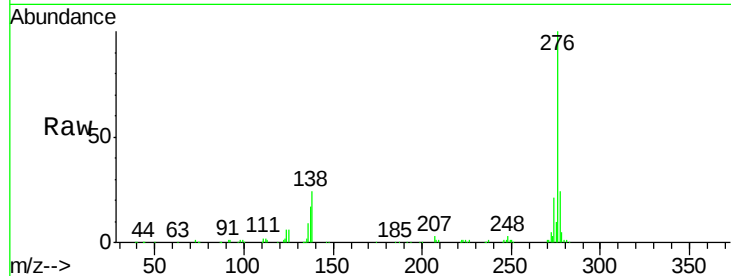
Tot Ion:276 Resp: 393459

Ion Ratio Lower Upper

276 100

138 28.8 0.0 0.0#

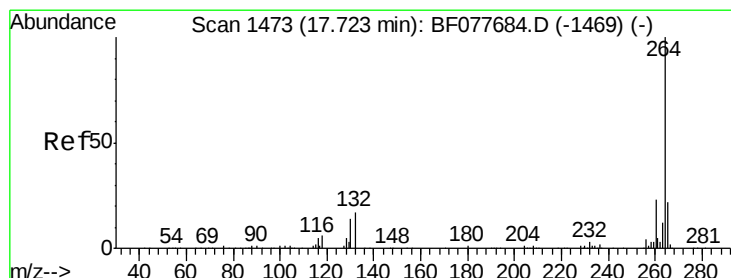
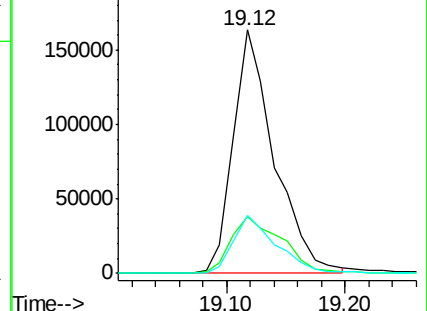
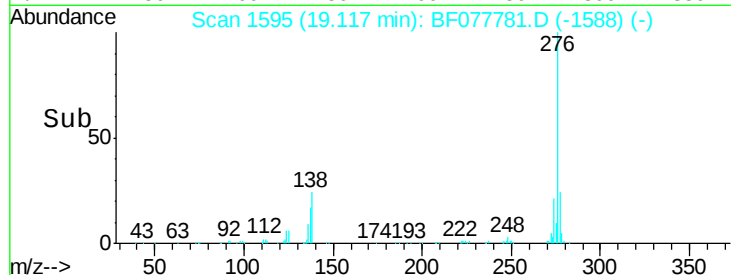
277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.73 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

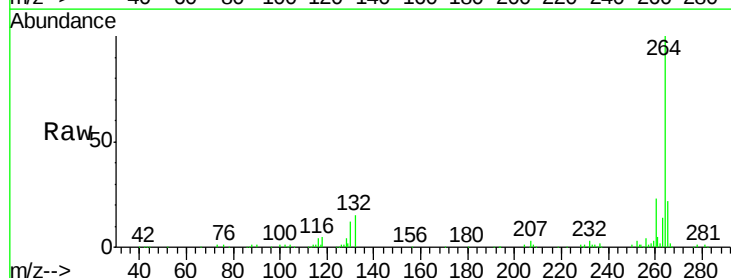
Tgt Ion:264 Resp: 159414

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

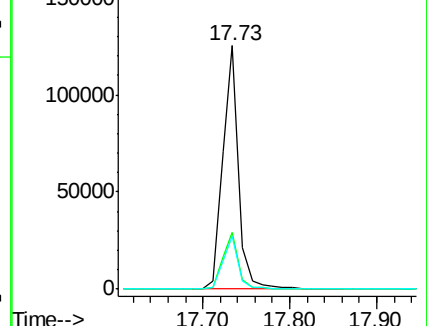
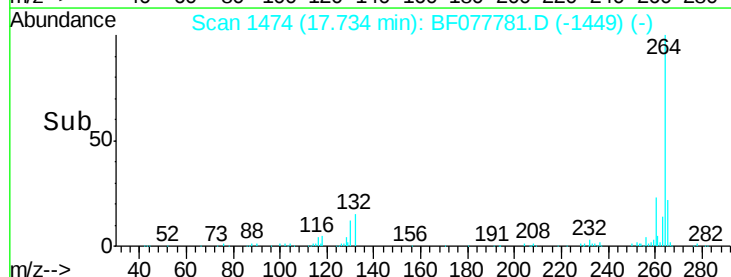
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

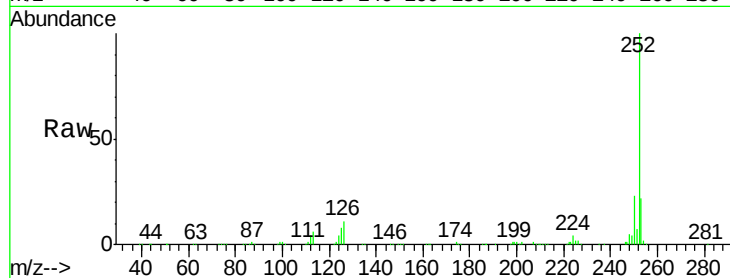




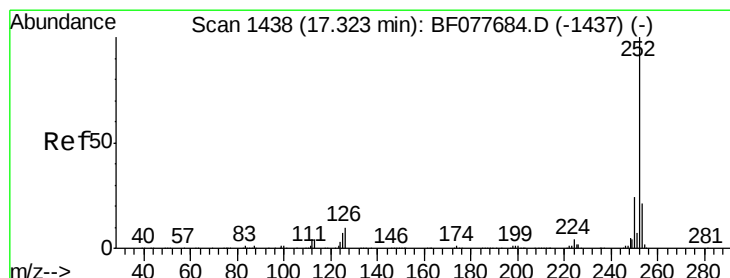
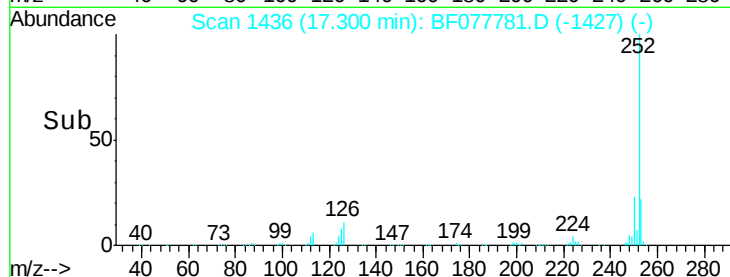
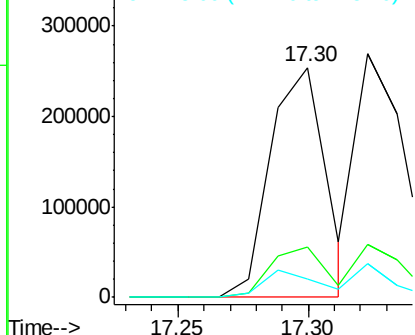
#87
Benzo(b)fluoranthene
Concen: 35.99 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tot Ion:252 Resp: 374546
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.1 9.9 14.9#

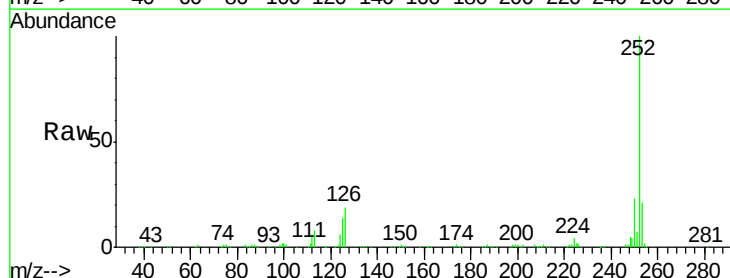


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

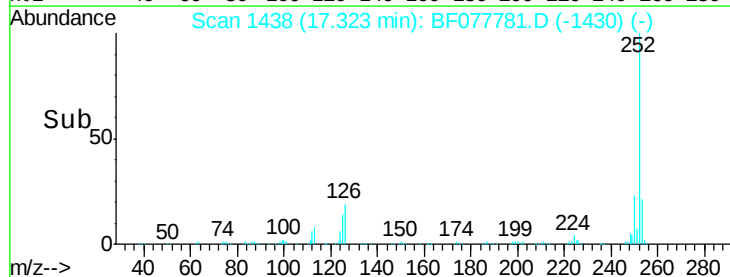
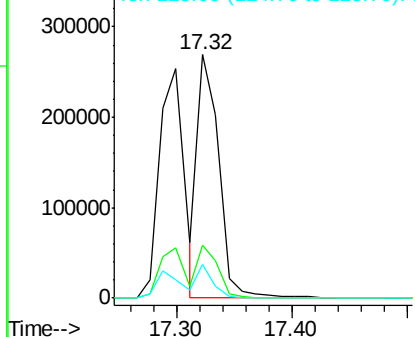


#88
Benzo(k)fluoranthene
Concen: 43.57 ng m
RT: 17.32 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF077781.D
Acq: 17 Mar 2015 19:45

Tgt Ion:252 Resp: 354186
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 13.7 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: 40.16 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB82152BS

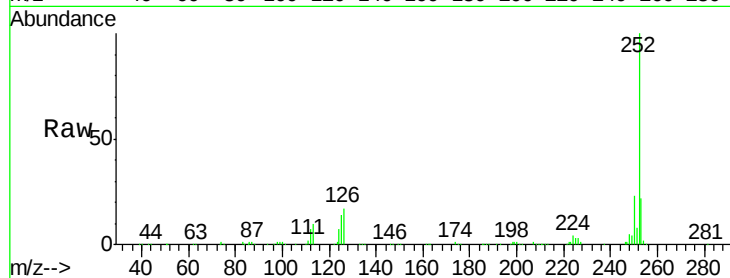
Tot Ion:252 Resp: 348756

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

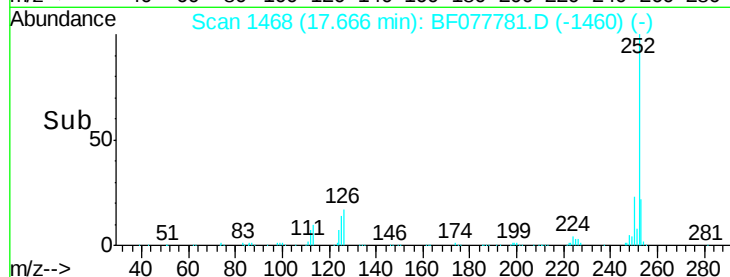
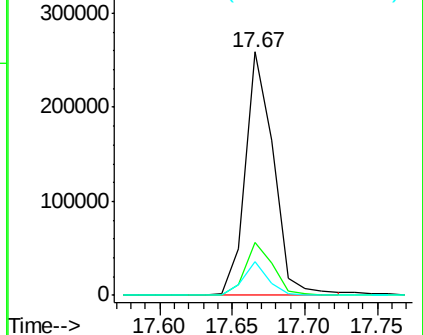
125 13.6 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.72 ng

RT: 19.15 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF077781.D

Acq: 17 Mar 2015 19:45

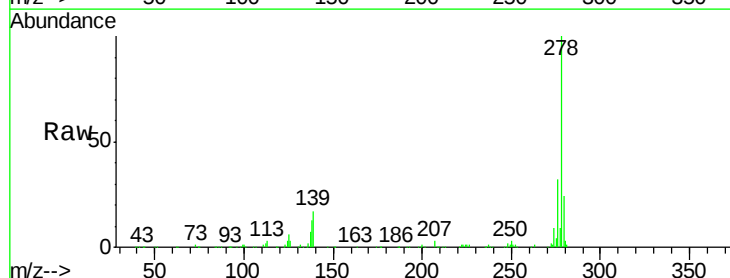
Tgt Ion:278 Resp: 324834

Ion Ratio Lower Upper

278 100

139 16.8 13.4 20.0

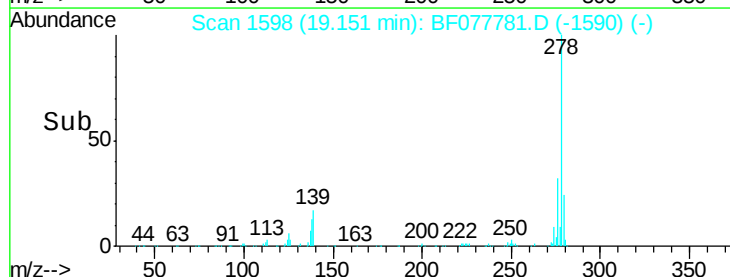
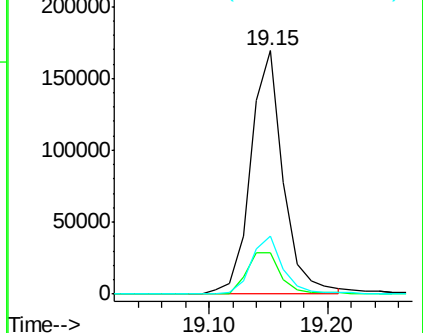
279 23.9 19.0 28.4



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: 38.06 ng
 RT: 19.53 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BF077781.D
 Acq: 17 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	24.9	19.0	28.6

