

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077812.D
 Acq On : 19 Mar 2015 00:56
 Operator : TP/IZ
 Sample : PB82103BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Quant Time: Mar 19 04:17:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:03:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49533	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	202663	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	100570	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	194000	20.00	ng	0.00
75) Chrysene-d12	16.03	240	210992	20.00	ng	-0.02
86) Perylene-d12	17.75	264	202393	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	306357	107.96	ng	0.01
7) Phenol-d6	6.73	99	379978	108.38	ng	0.00
23) Nitrobenzene-d5	7.86	82	213712	69.13	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	91923	95.53	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	471865	68.95	ng	0.00
78) Terphenyl-d14	14.74	244	532720	61.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	32334	25.10	ng	# 100
3) Pyridine	2.75	79	92159	26.62	ng	96
4) n-Nitrosodimethylamine	2.68	42	46708	30.99	ng	99
6) Aniline	6.75	93	91349	18.22	ng	# 69
8) 2-Chlorophenol	6.89	128	119702	35.44	ng	99
9) Benzaldehyde	6.60	77	8043	5.60	ng	97
10) Phenol	6.74	94	139428	33.64	ng	91
11) bis(2-Chloroethyl)ether	6.85	93	111236	35.83	ng	97
12) 1,3-Dichlorobenzene	7.08	146	123354	32.83	ng	99
13) 1,4-Dichlorobenzene	7.18	146	124258	31.83	ng	99
14) 1,2-Dichlorobenzene	7.37	146	118319	33.06	ng	100
15) Benzyl Alcohol	7.34	79	91519	33.44	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	136550	32.64	ng	100
17) 2-Methylphenol	7.49	107	94593	34.40	ng	98
18) Hexachloroethane	7.78	117	42709	33.36	ng	93
19) n-Nitroso-di-n-propylamine	7.68	70	76037	31.35	ng	97
20) 3+4-Methylphenols	7.69	107	121064	33.55	ng	97
22) Acetophenone	7.68	105	156132	34.80	ng	# 93
24) Nitrobenzene	7.88	77	112737	33.85	ng	# 78
25) Isophorone	8.18	82	204180	32.70	ng	100
26) 2-Nitrophenol	8.27	139	55565	34.08	ng	95
27) 2,4-Dimethylphenol	8.34	122	106769	35.94	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	132121	34.86	ng	99
29) 2,4-Dichlorophenol	8.57	162	100614	35.53	ng	98
30) 1,2,4-Trichlorobenzene	8.67	180	103818	32.77	ng	99
31) Naphthalene	8.76	128	338513	32.52	ng	100
32) Benzoic acid	8.45	122	48731	30.61	ng	90
33) 4-Chloroaniline	8.84	127	82292	19.48	ng	97
34) Hexachlorobutadiene	8.92	225	57350	31.94	ng	99
35) Caprolactam	9.26	113	30005	36.26	ng	91
36) 4-Chloro-3-methylphenol	9.45	107	97665	34.28	ng	86
37) 2-Methylnaphthalene	9.62	142	235943	33.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101870	33.96	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	94735	63.76	ng	98

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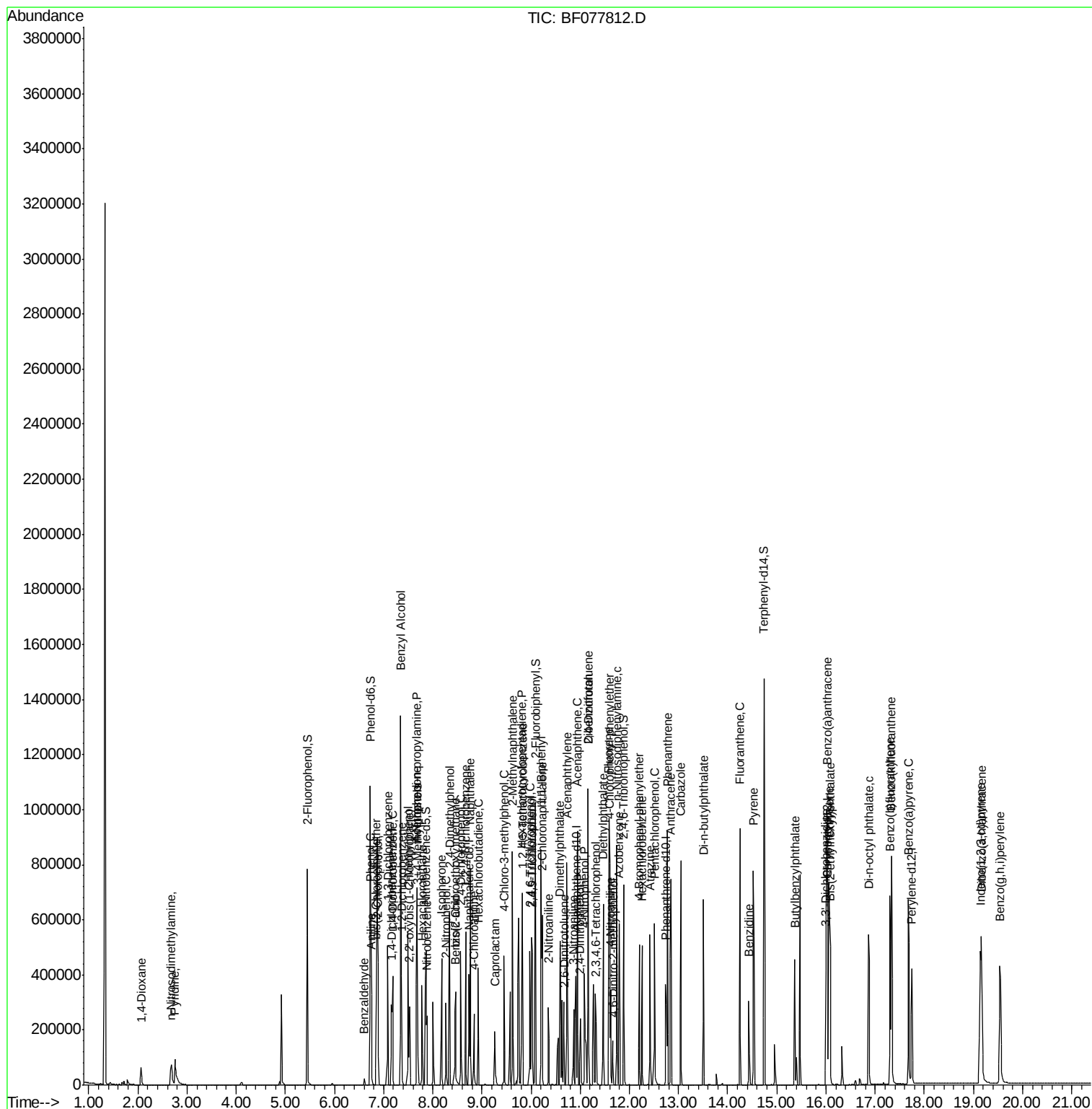
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	69275	33.34	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	75017	33.42	nq	# 89
45) 1,1'-Biphenyl	10.20	154	270133	33.60	nq	99
46) 2-Chloronaphthalene	10.22	162	218750	33.48	nq	98
47) 2-Nitroaniline	10.35	65	56473	34.80	nq	# 83
48) Acenaphthylene	10.73	152	344484	31.71	nq	99
49) Dimethylphthalate	10.59	163	250218	33.55	nq	99
50) 2,6-Dinitrotoluene	10.67	165	55072	35.62	nq	# 68
51) Acenaphthene	10.95	154	202825	32.56	nq	99
52) 3-Nitroaniline	10.87	138	45598	25.39	nq	90
53) 2,4-Dinitrophenol	11.00	184	38483	68.98	nq	# 74
54) Dibenzofuran	11.16	168	307529	33.29	nq	95
55) 4-Nitrophenol	11.08	139	88133	66.26	nq	# 71
56) 2,4-Dinitrotoluene	11.16	165	75694	37.54	nq	# 76
57) Fluorene	11.59	166	248956	32.45	nq	97
58) 2,3,4,6-Tetrachlorophenol	11.32	232	59623	34.49	nq	# 100
59) Diethylphthalate	11.47	149	244433	33.63	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	114809	32.79	nq	93
61) 4-Nitroaniline	11.62	138	61411	34.31	nq	84
62) Azobenzene	11.79	77	230689	33.21	nq	94
64) 4,6-Dinitro-2-methylphenol	11.67	198	25855	30.00	nq	# 71
65) n-Nitrosodiphenylamine	11.75	169	217235	33.63	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	68140	32.91	nq	# 90
67) Hexachlorobenzene	12.26	284	73674	32.39	nq	# 94
68) Atrazine	12.42	200	65185	36.01	nq	96
69) Pentachlorophenol	12.51	266	78023	66.04	nq	98
70) Phenanthrene	12.77	178	370178	33.24	nq	98
71) Anthracene	12.84	178	384821	34.97	nq	99
72) Carbazole	13.05	167	374379	35.77	nq	99
73) Di-n-butylphthalate	13.51	149	392502	33.44	nq	99
74) Fluoranthene	14.25	202	409469	33.33	nq	97
76) Benzidine	14.43	184	138011	26.28	nq	97
77) Pyrene	14.52	202	427559	32.23	nq	99
79) Butylbenzylphthalate	15.37	149	164935	31.53	nq	93
80) Benzo(a)anthracene	16.02	228	405761	32.44	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	90095	21.84	nq	98
82) Chrysene	16.07	228	388974	34.59	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	241058	30.42	nq	100
84) Di-n-octyl phthalate	16.87	149	404882	29.88	nq	99
85) Indeno(1,2,3-cd)pyrene	19.14	276	440746	31.40	nq	# 100
87) Benzo(b)fluoranthene	17.30	252	414276	31.35	nq	99
88) Benzo(k)fluoranthene	17.33	252	380264	36.85	nq	97
89) Benzo(a)pyrene	17.68	252	390119	35.39	nq	# 95
90) Dibenzo(a,h)anthracene	19.16	278	369911	33.83	nq	98
91) Benzo(g,h,i)perylene	19.54	276	377182	33.88	nq	97

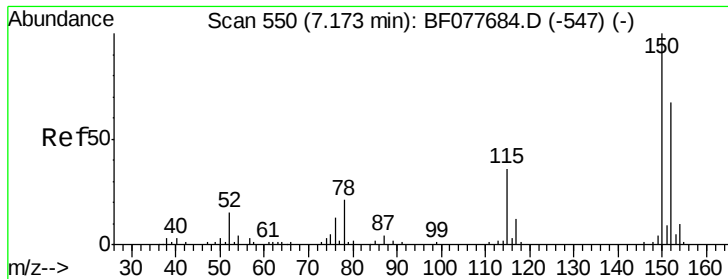
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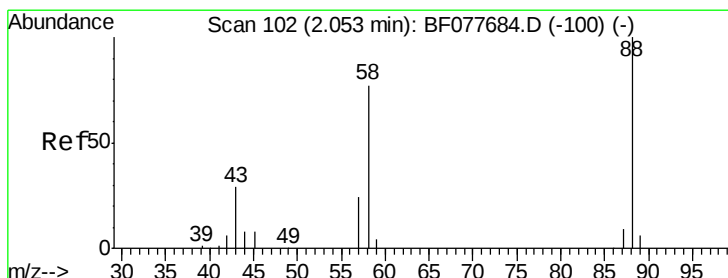
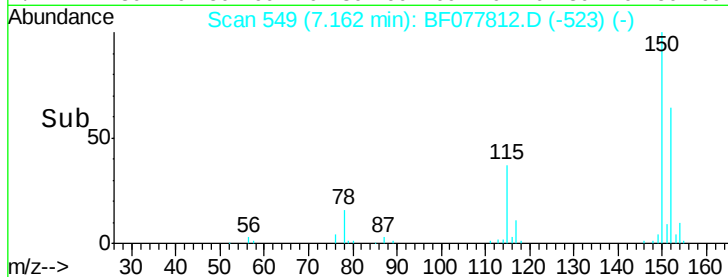
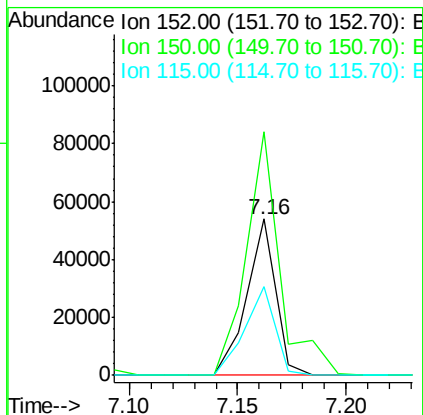
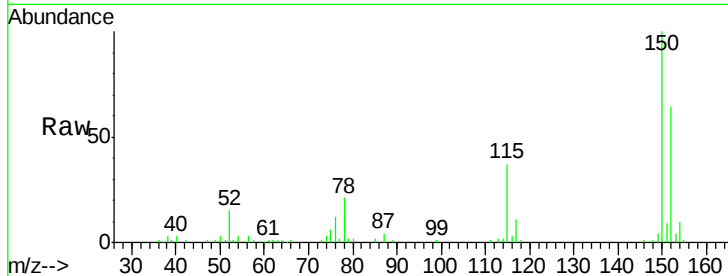


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
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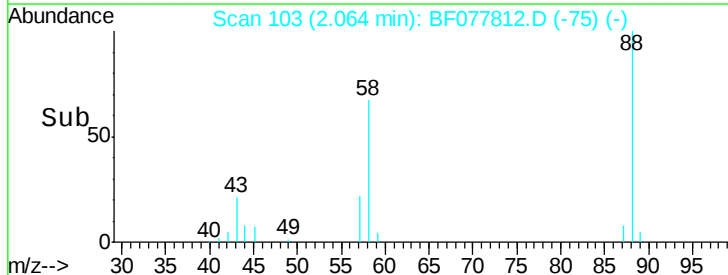
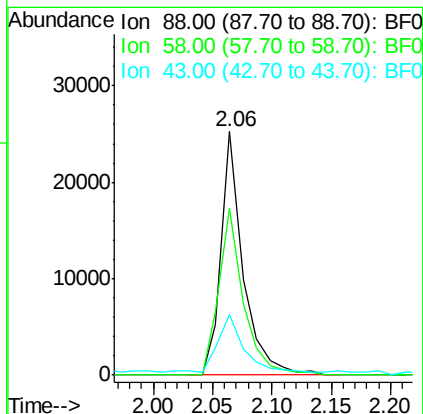
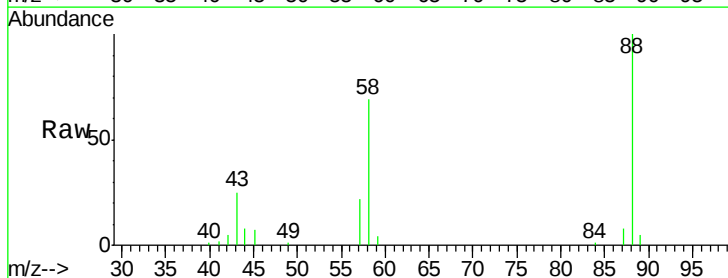
Tot Ion:152 Resp: 49533
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 57.2 43.0 64.4

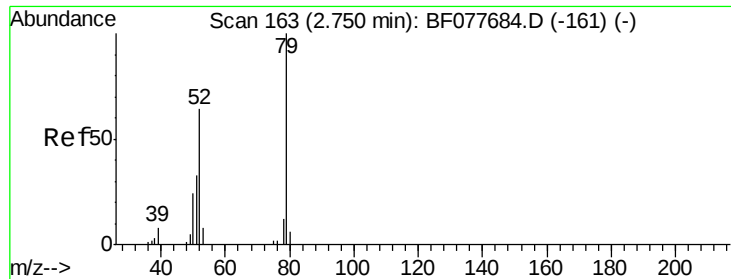


#2

1,4-Dioxane
Concen: 25.10 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion: 88 Resp: 32334
Ion Ratio Lower Upper
88 100
58 77.1 0.0 0.0#
43 27.6 0.0 0.0#





#3

Pvridine

Concen: 26.62 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.03 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

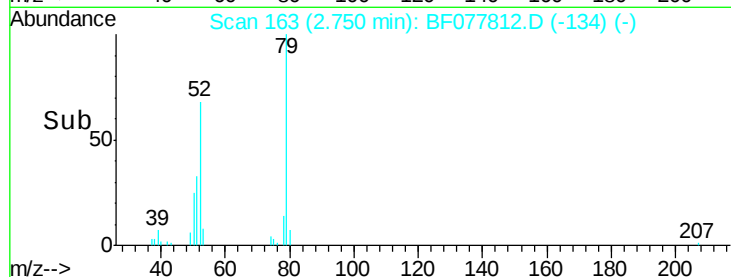
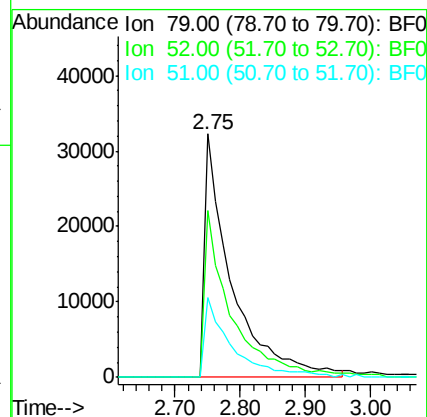
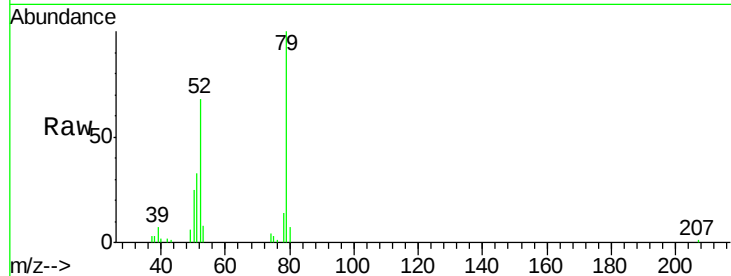
Tot Ion: 79 Resp: 92159

Ion Ratio Lower Upper

79 100

52 68.3 51.1 76.7

51 32.7 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 30.99 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

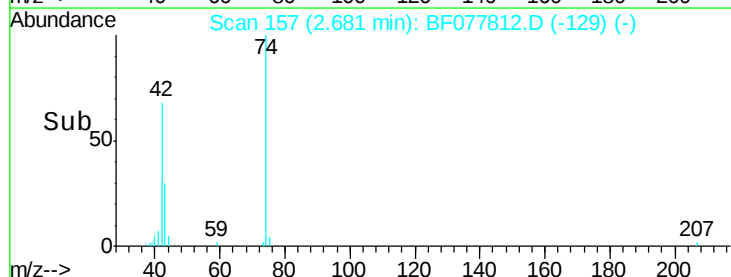
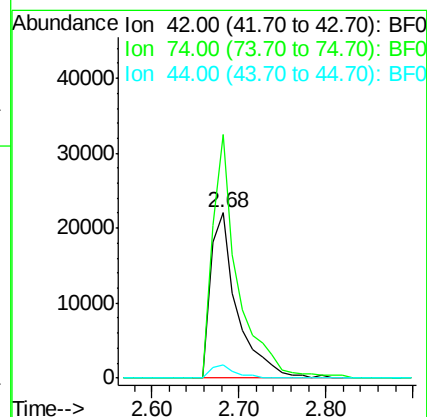
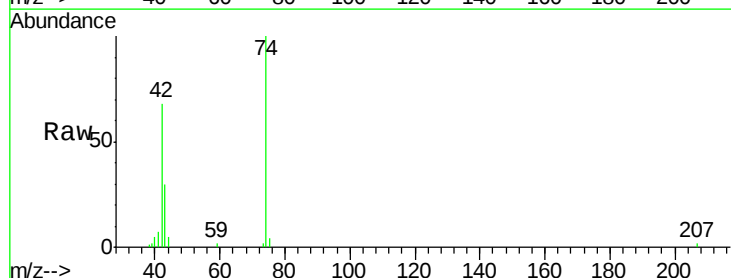
Tgt Ion: 42 Resp: 46708

Ion Ratio Lower Upper

42 100

74 147.5 119.3 178.9

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 107.96 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

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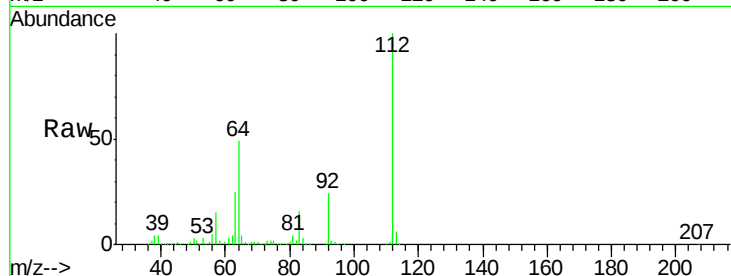
Tot Ion:112 Resp: 306357

Ion Ratio Lower Upper

112 100

64 49.2 38.6 57.8

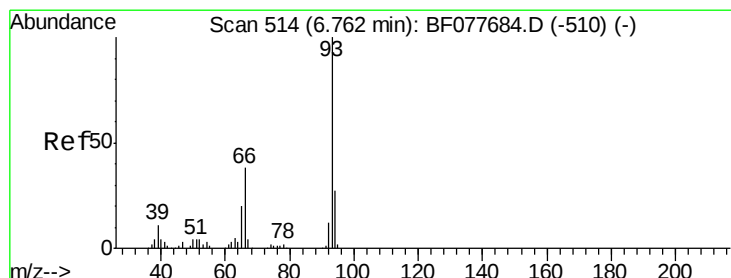
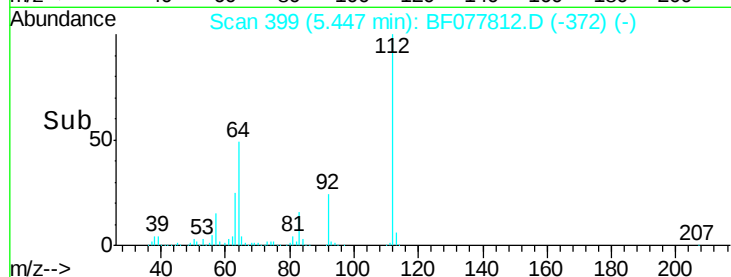
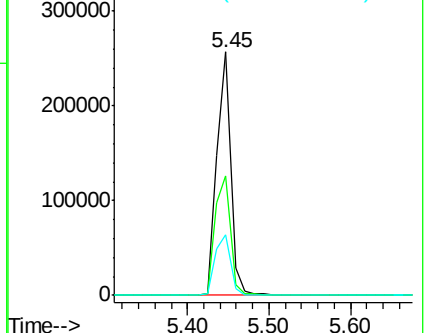
63 24.7 19.3 28.9



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: 18.22 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

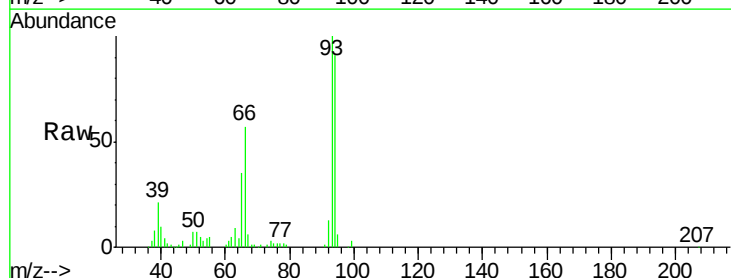
Tgt Ion: 93 Resp: 91349

Ion Ratio Lower Upper

93 100

66 56.9 30.8 46.2#

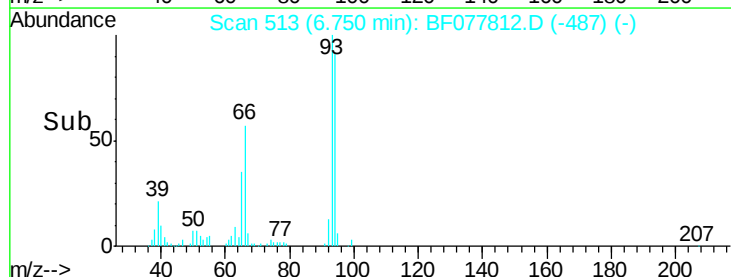
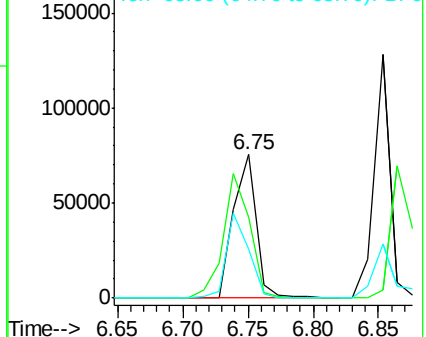
65 34.6 16.0 24.0#

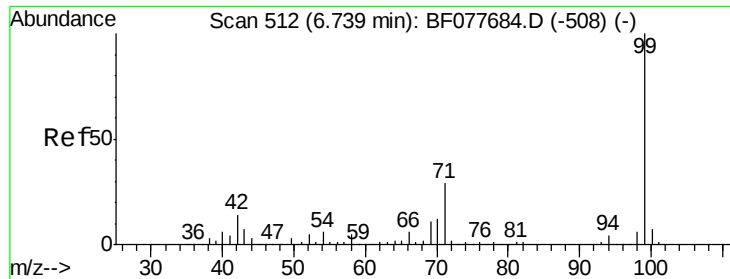


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.38 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077812.D

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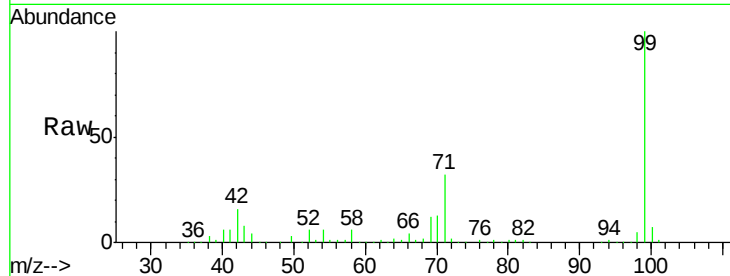
Tot Ion: 99 Resp: 379978

Ion Ratio Lower Upper

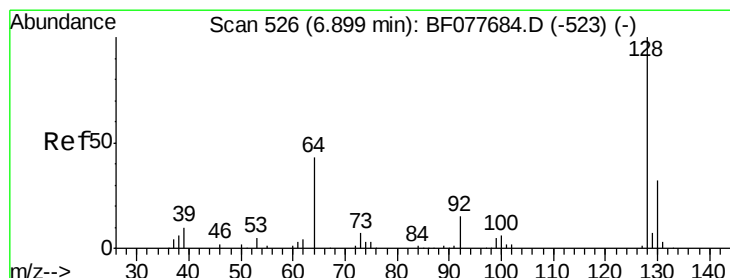
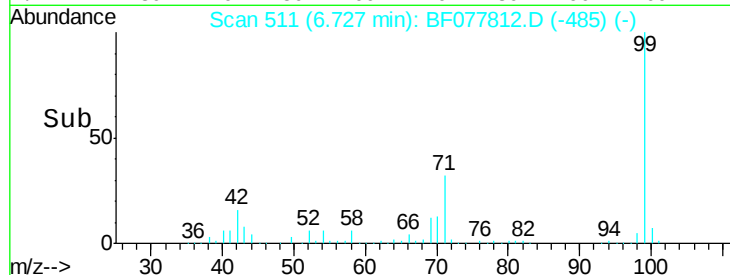
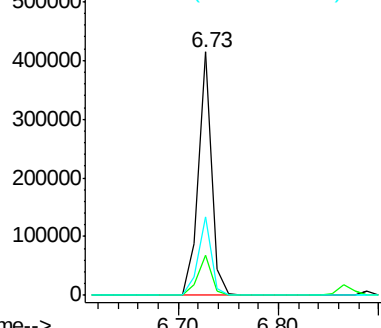
99 100

42 16.3 11.0 16.4

71 32.4 23.4 35.2



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



#8

2-Chlorophenol

Concen: 35.44 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

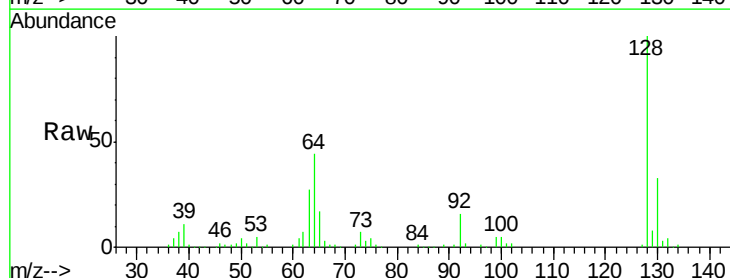
Tgt Ion:128 Resp: 119702

Ion Ratio Lower Upper

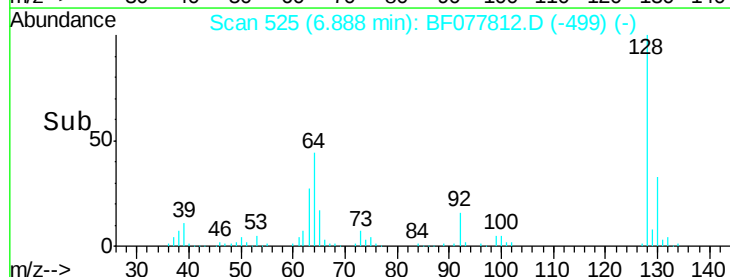
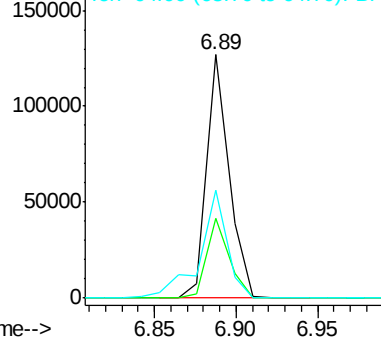
128 100

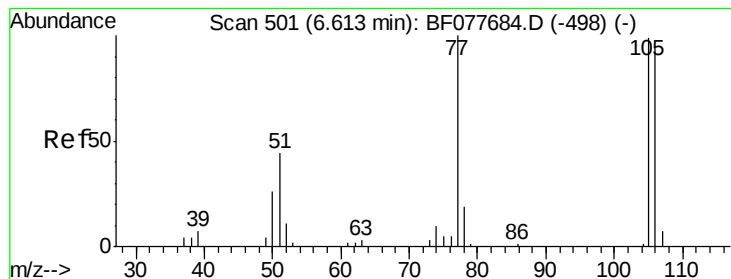
130 32.6 12.0 52.0

64 44.3 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.60 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

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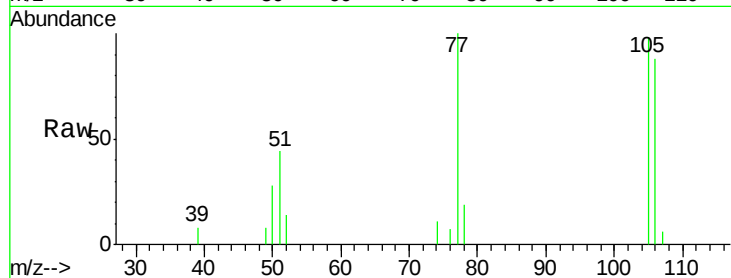
Tot Ion: 77 Resp: 8043

Ion Ratio Lower Upper

77 100

105 97.6 78.8 118.8

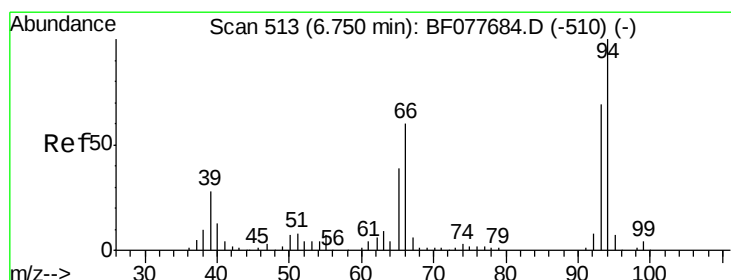
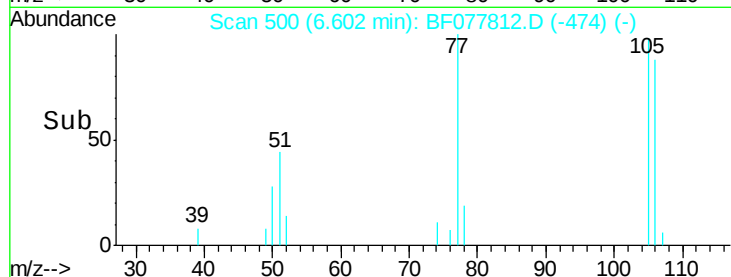
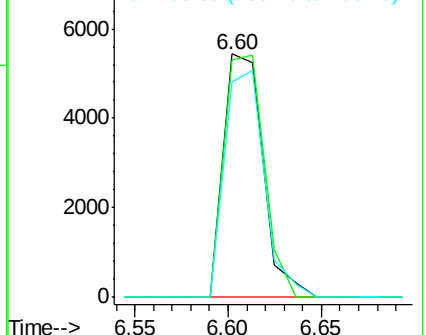
106 88.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.64 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

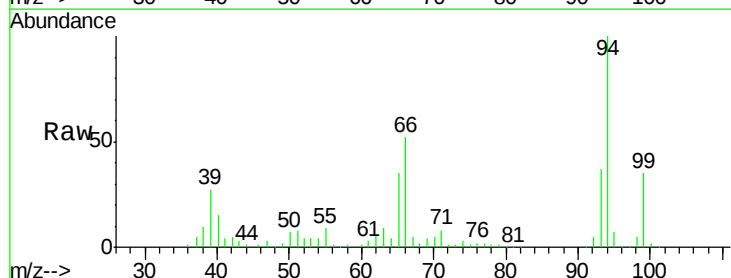
Tgt Ion: 94 Resp: 139428

Ion Ratio Lower Upper

94 100

65 34.9 18.8 58.8

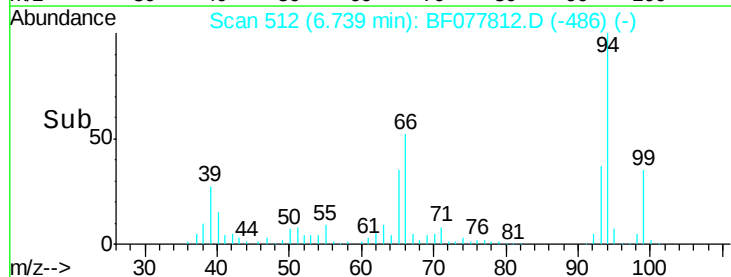
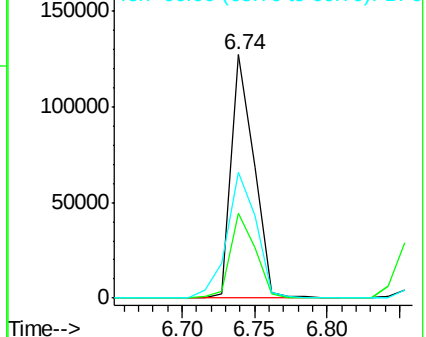
66 51.6 39.9 79.9

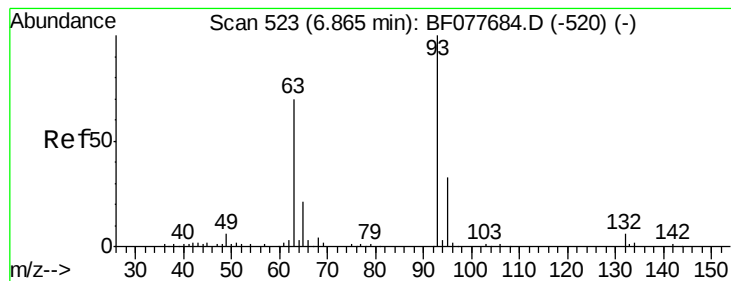


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

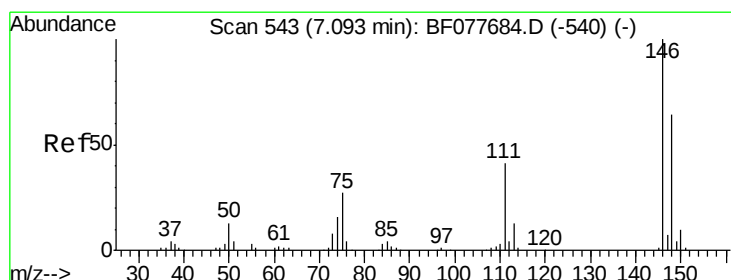
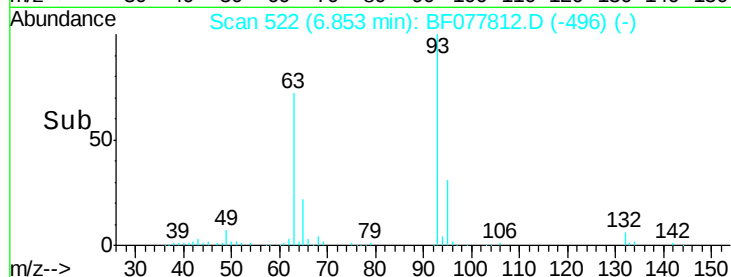
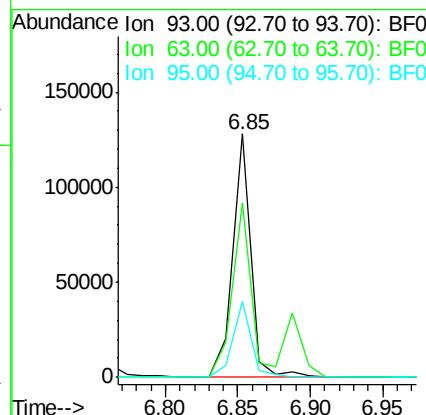
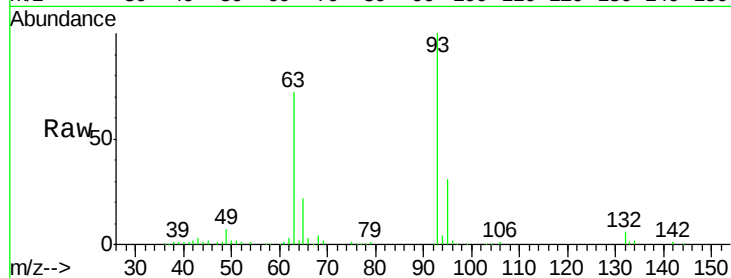




#11
bis(2-Chloroethyl)ether
Concen: 35.83 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

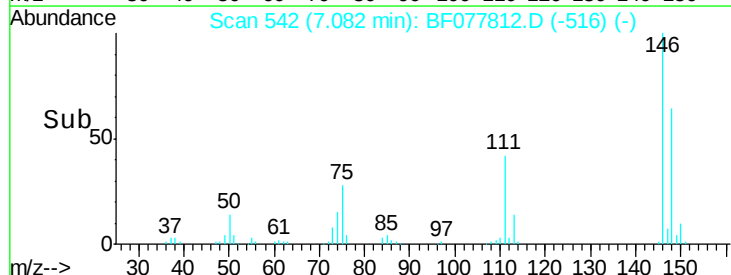
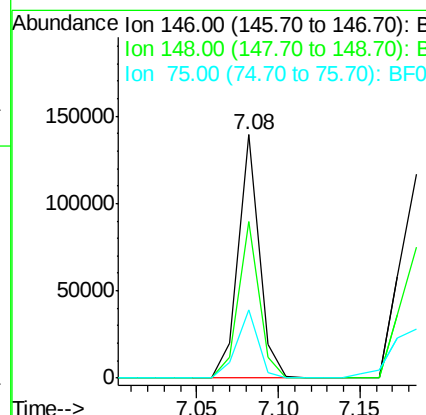
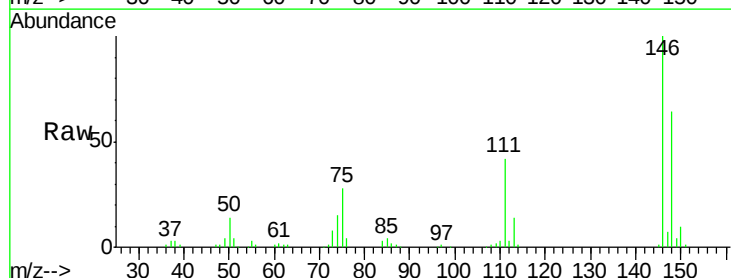
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion: 93 Resp: 111236
Ion Ratio Lower Upper
93 100
63 71.5 49.5 89.5
95 31.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 32.83 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion: 146 Resp: 123354
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 27.9 21.4 32.2

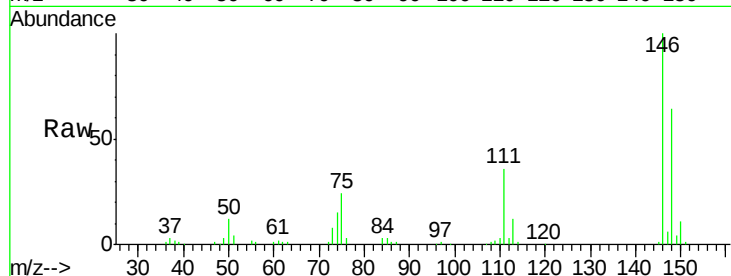




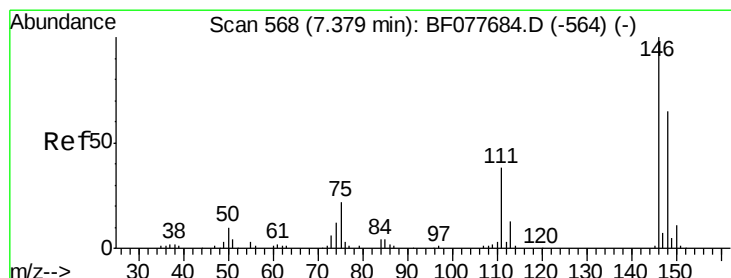
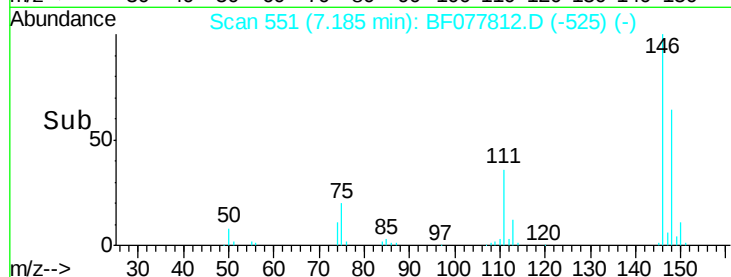
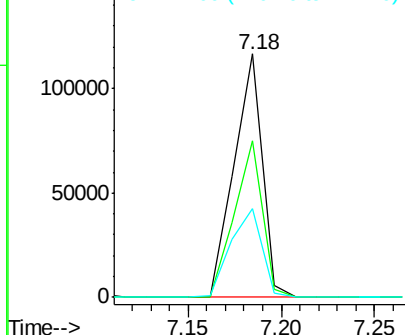
#13
 1,4-Dichlorobenzene
 Concen: 31.83 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:146 Resp: 124258
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 36.3 29.2 43.8

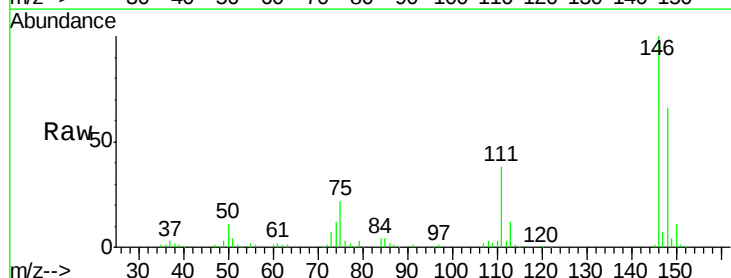


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

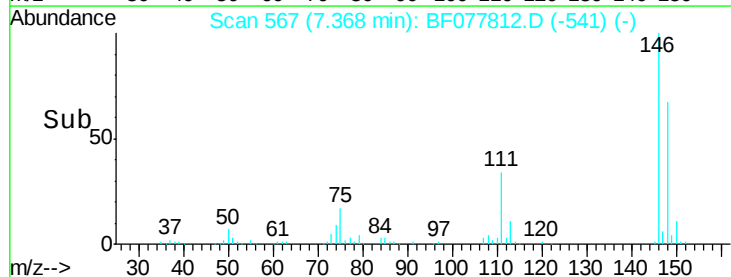
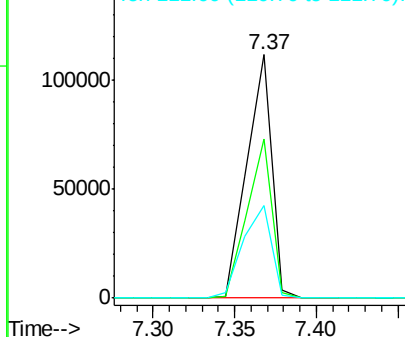


#14
 1,2-Dichlorobenzene
 Concen: 33.06 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:146 Resp: 118319
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 38.1 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

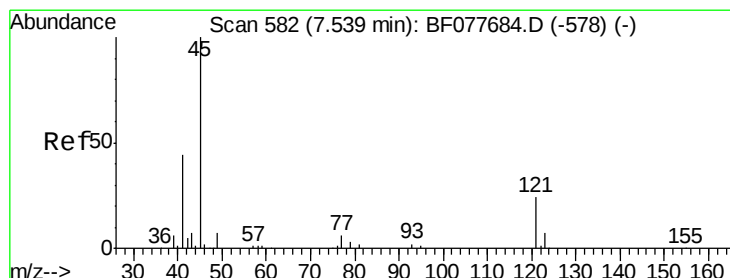
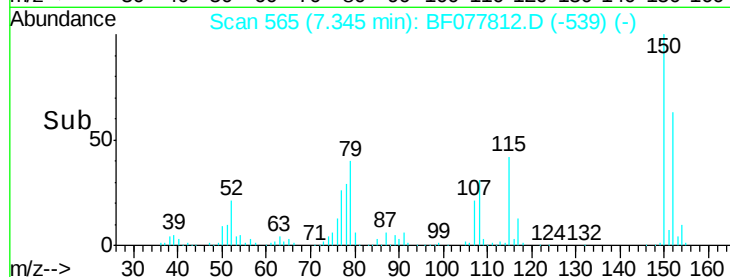
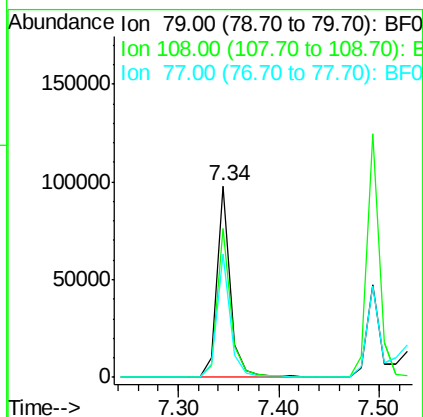
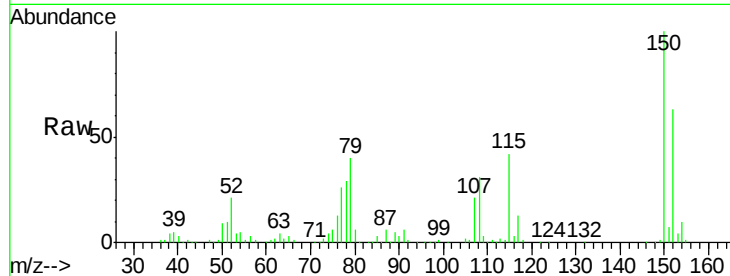




#15
Benzyl Alcohol
Concen: 33.44 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

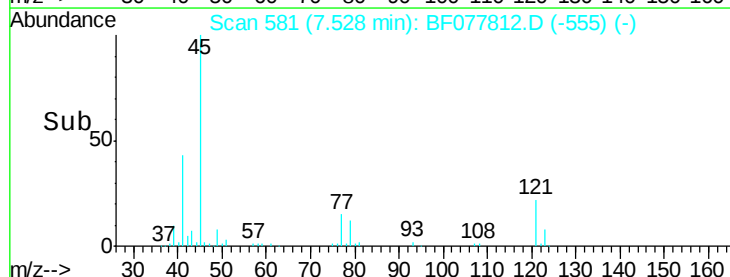
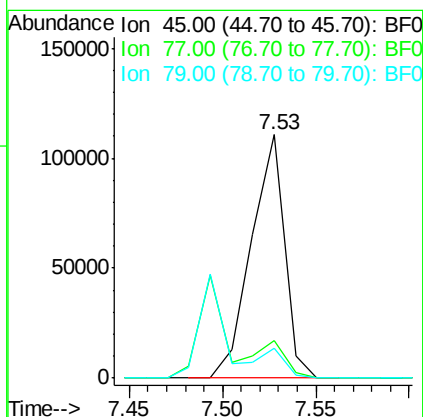
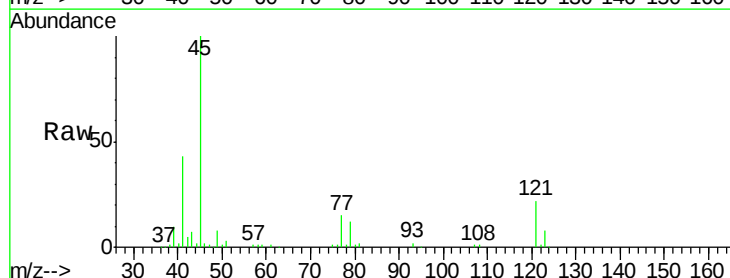
Instrument :
BNA_F
ClientSampleId :
PB82103BS

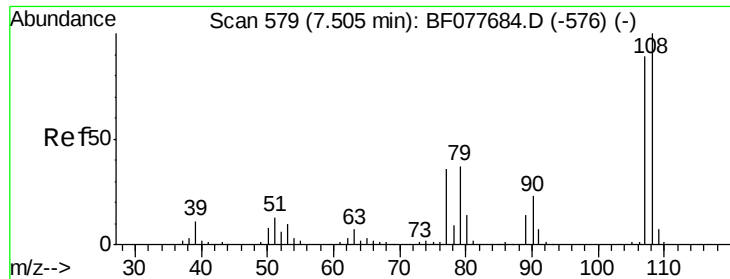
Tot Ion: 79 Resp: 91519
Ion Ratio Lower Upper
79 100
108 78.0 65.0 97.4
77 64.0 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.64 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion: 45 Resp: 136550
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.2
79 12.2 0.0 32.0

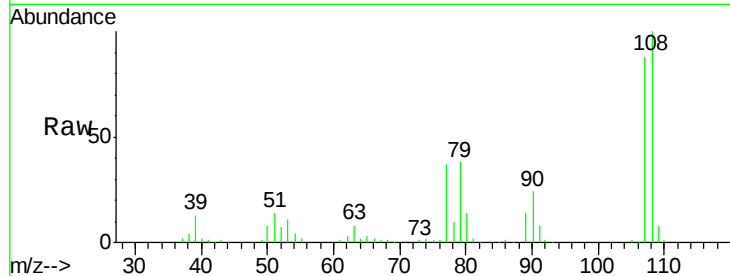




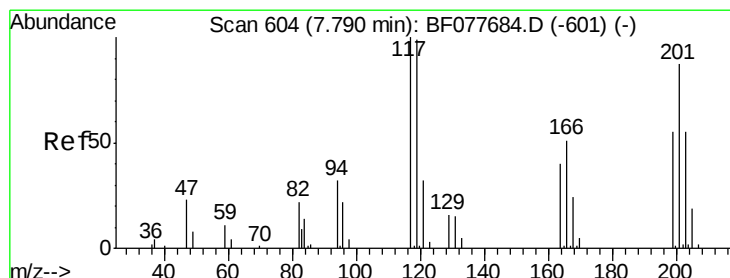
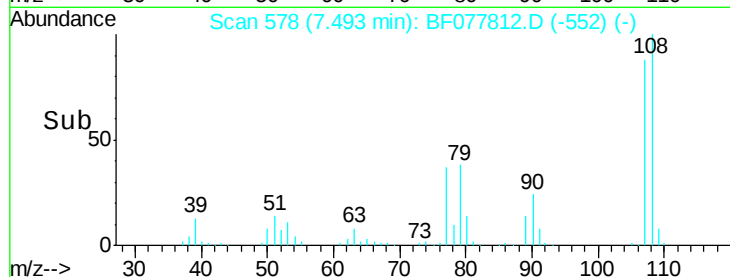
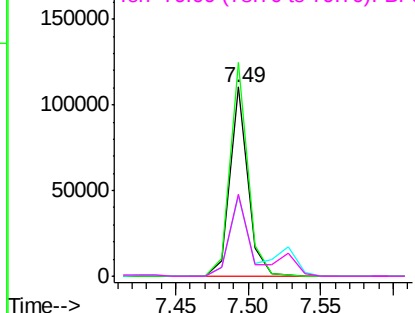
#17
2-Methylphenol
Concen: 34.40 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:107 Resp: 94593
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.8
77 42.4 32.6 48.8
79 43.2 32.8 49.2

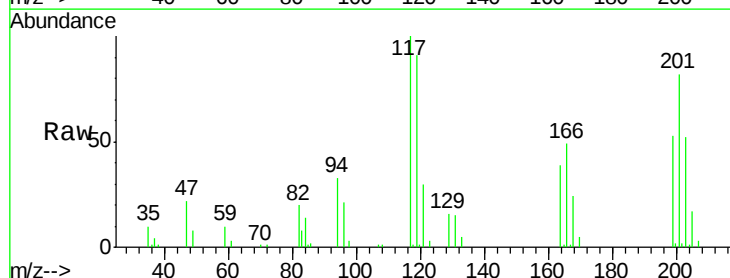


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

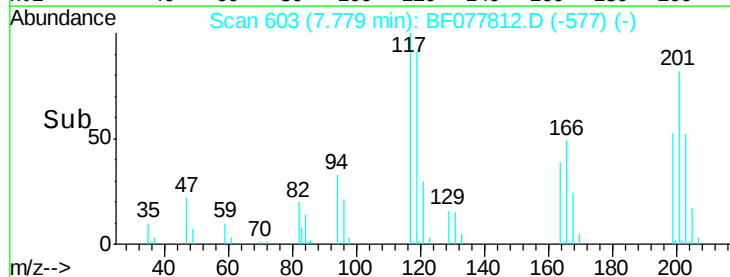
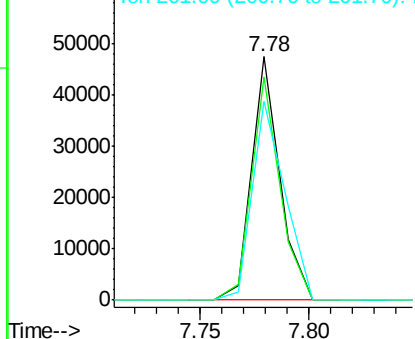


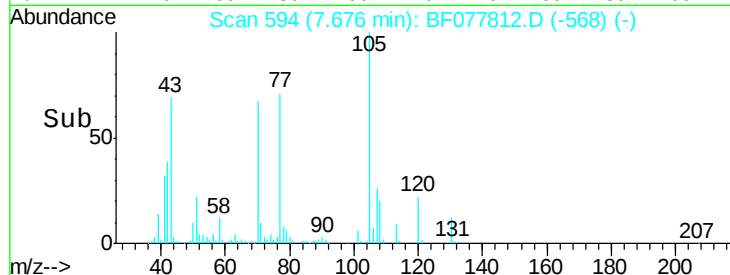
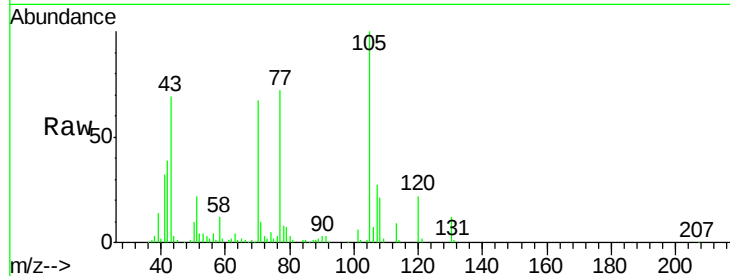
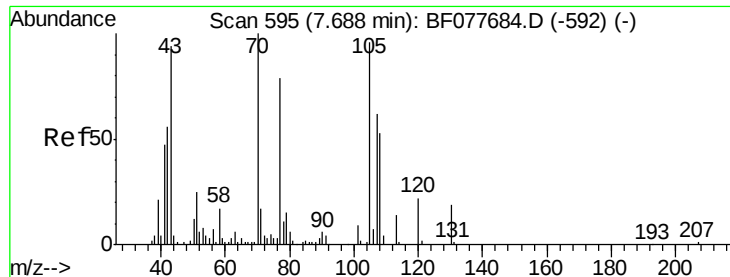
#18
Hexachloroethane
Concen: 33.36 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:117 Resp: 42709
Ion Ratio Lower Upper
117 100
119 91.4 79.2 118.8
201 81.8 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

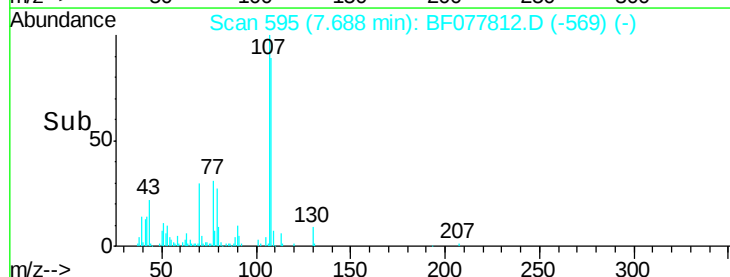
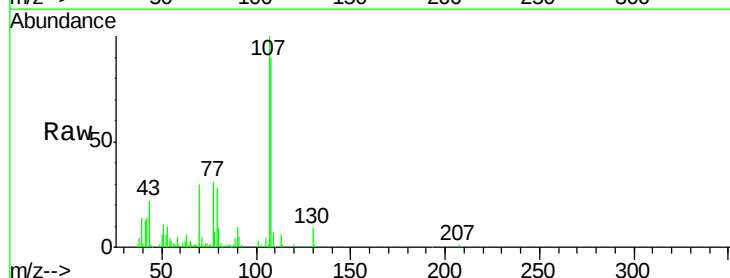
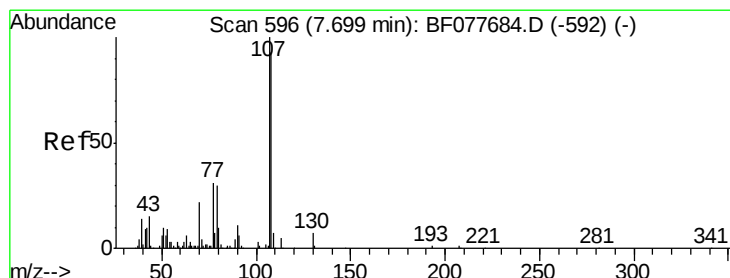
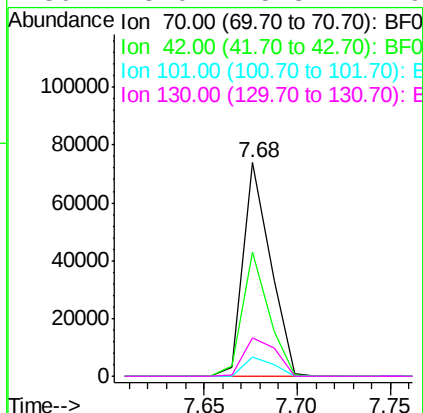




#19
n-Nitroso-di-n-propylamine
Concen: 31.35 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

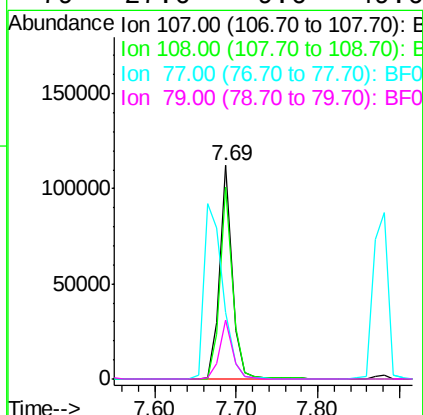
Instrument :
BNA_F
ClientSampleId :
PB82103BS

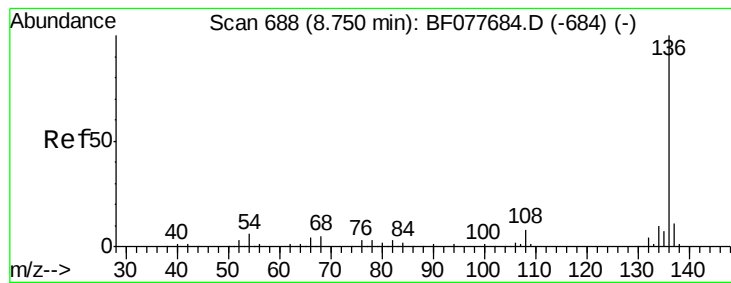
Tot Ion: 70 Resp: 76037
Ion Ratio Lower Upper
70 100
42 58.2 44.5 66.7
101 8.9 7.4 11.2
130 18.0 15.3 22.9



#20
3+4-Methylphenols
Concen: 33.55 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion: 107 Resp: 121064
Ion Ratio Lower Upper
107 100
108 89.7 73.2 113.2
77 31.1 10.7 50.7
79 27.6 9.6 49.6

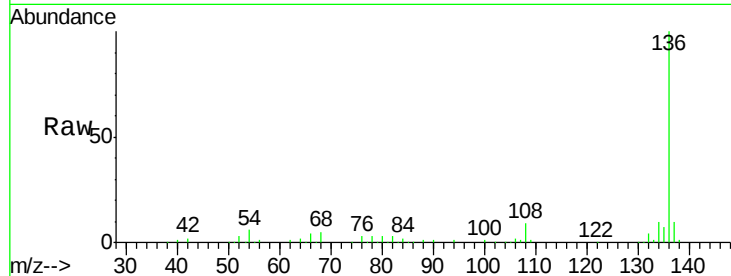




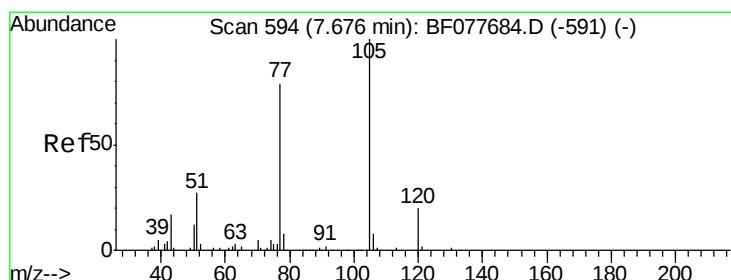
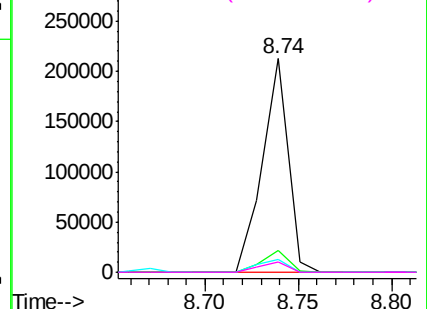
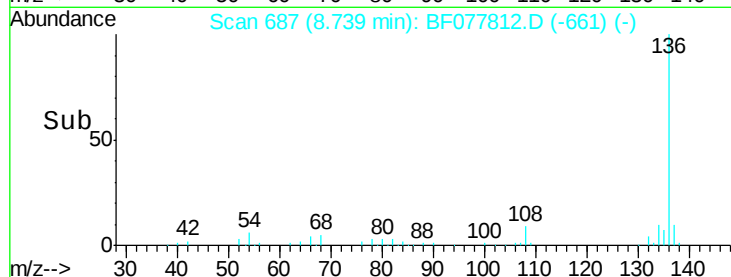
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:136	Resp:	202663
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	6.0	4.6 6.8
68	4.7	3.7 5.5

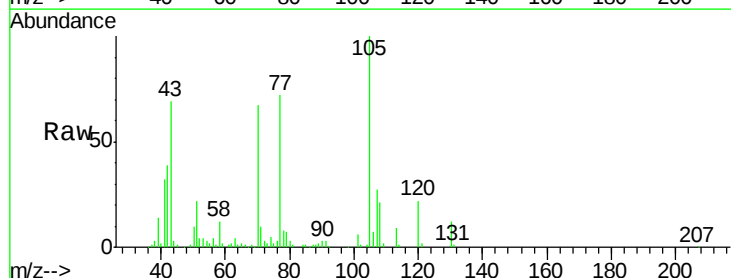


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

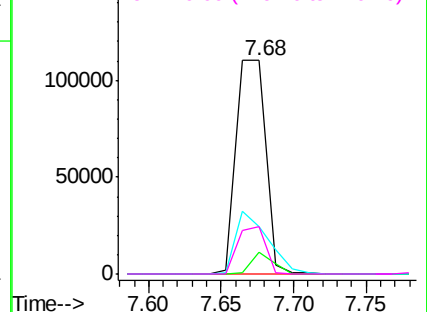
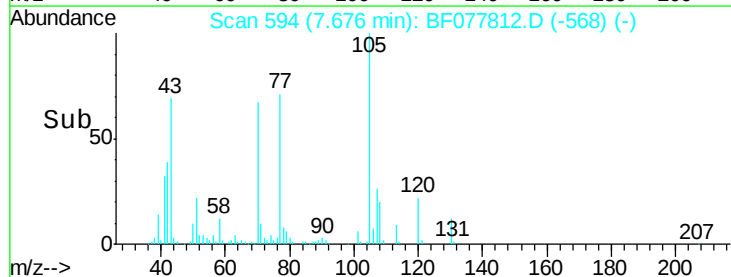


#22
Acetophenone
Concen: 34.80 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:105	Resp:	156132
Ion Ratio	Lower	Upper
105	100	
71	10.5	0.6 1.0#
51	22.5	21.6 32.4
120	22.0	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

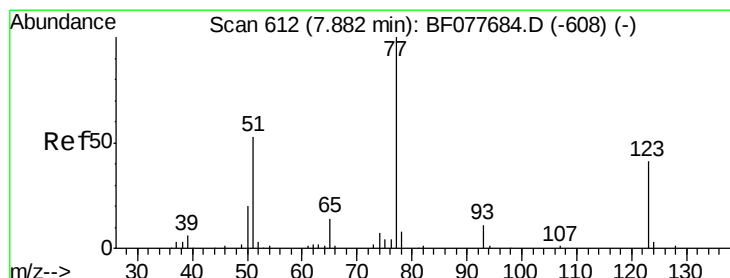
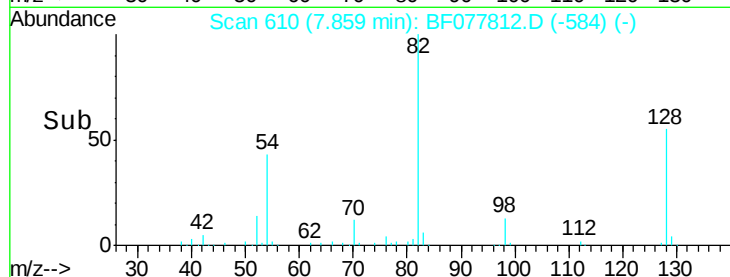
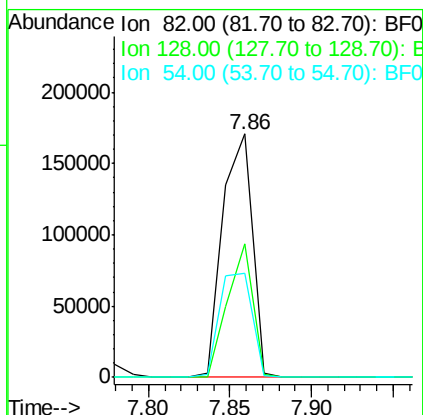
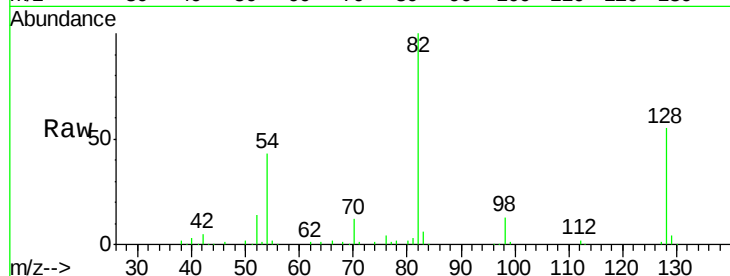




#23
Nitrobenzene-d5
Concen: 69.13 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

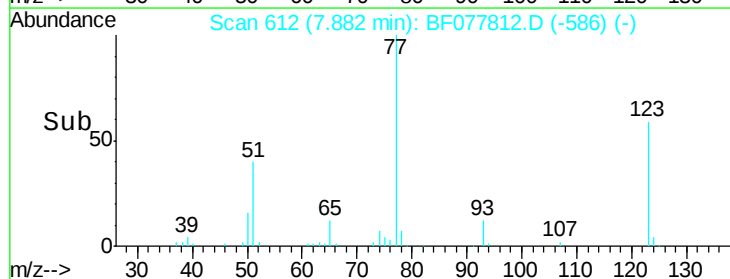
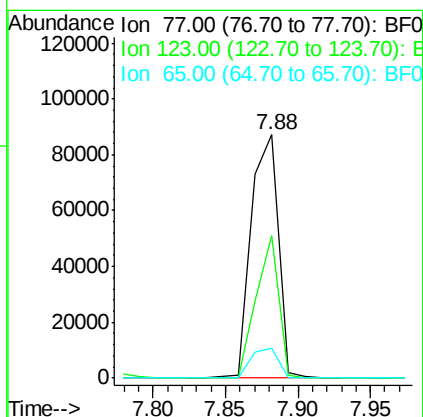
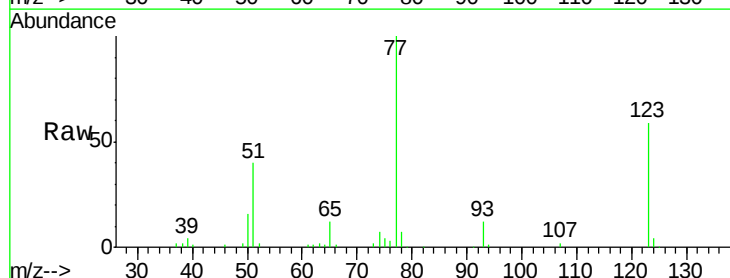
Instrument :
BNA_F
ClientSampleId :
PB82103BS

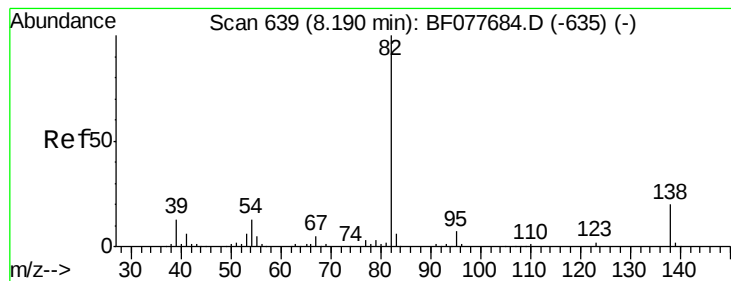
Tot Ion: 82 Resp: 213712
Ion Ratio Lower Upper
82 100
128 55.0 32.8 49.2#
54 42.7 40.6 60.8



#24
Nitrobenzene
Concen: 33.85 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion: 77 Resp: 112737
Ion Ratio Lower Upper
77 100
123 58.6 32.6 49.0#
65 12.3 10.9 16.3





#25

Isophorone

Concen: 32.70 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampled :

PB82103BS

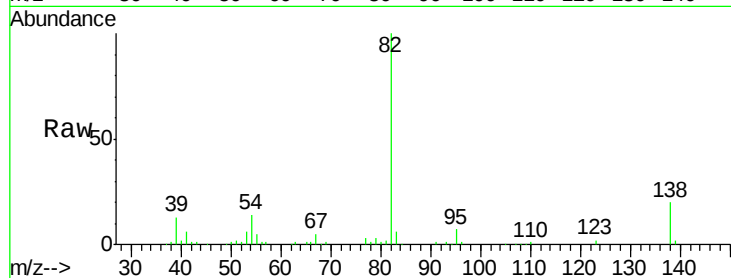
Tot Ion: 82 Resp: 204180

Ion Ratio Lower Upper

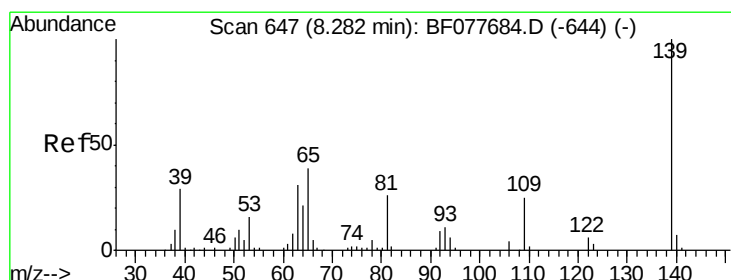
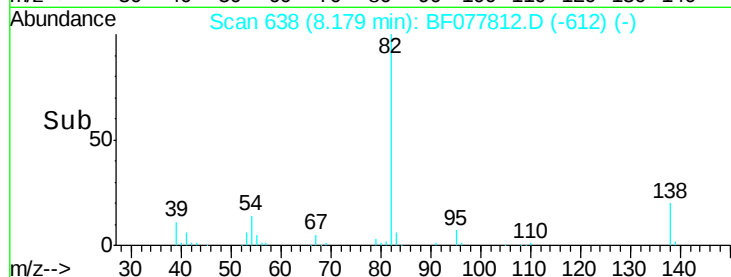
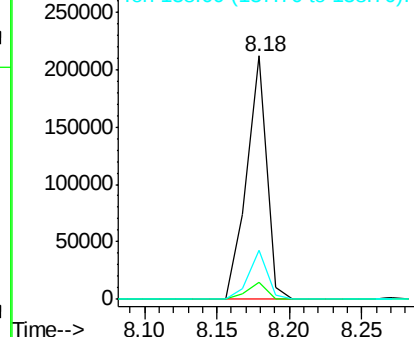
82 100

95 7.0 5.8 8.6

138 20.3 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: 34.08 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

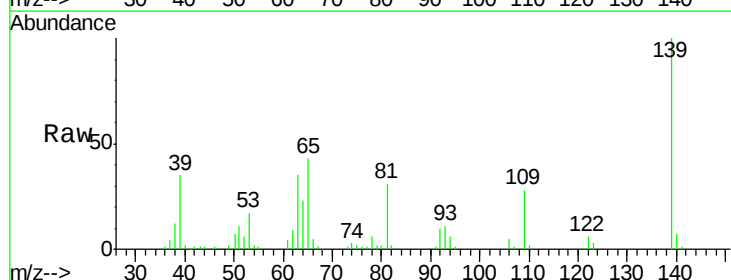
Tgt Ion: 139 Resp: 55565

Ion Ratio Lower Upper

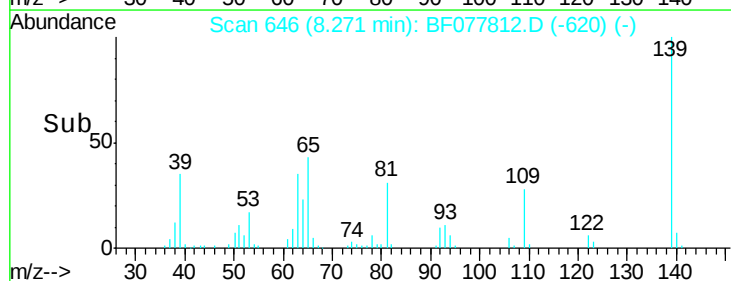
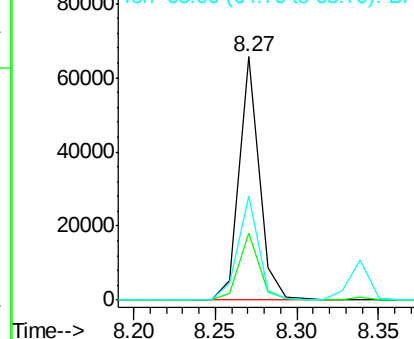
139 100

109 27.5 20.1 30.1

65 42.8 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

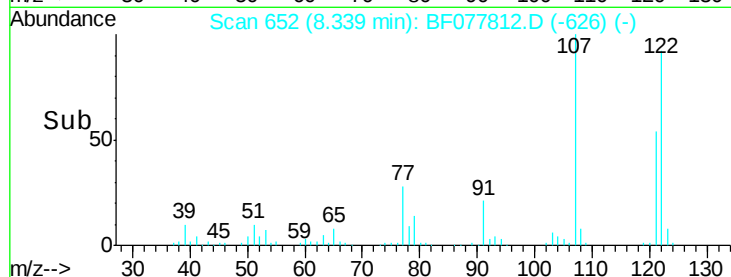
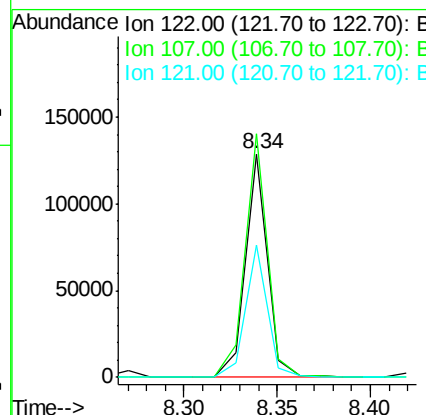
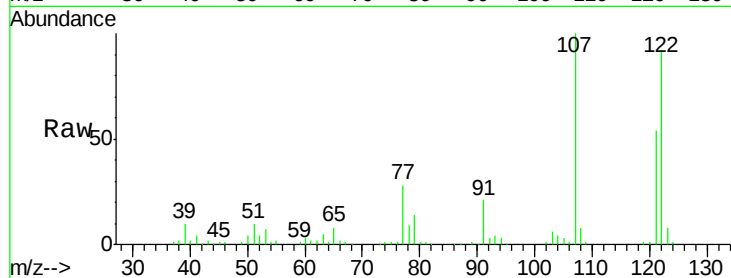




#27
 2,4-Dimethylphenol
 Concen: 35.94 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

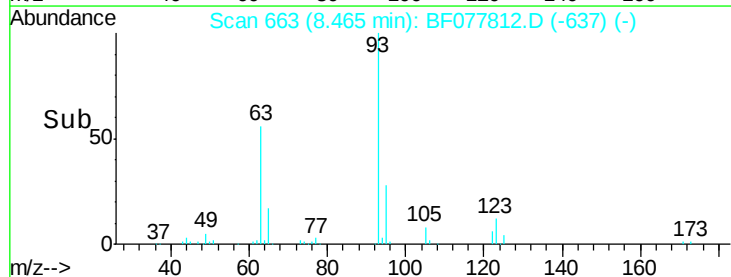
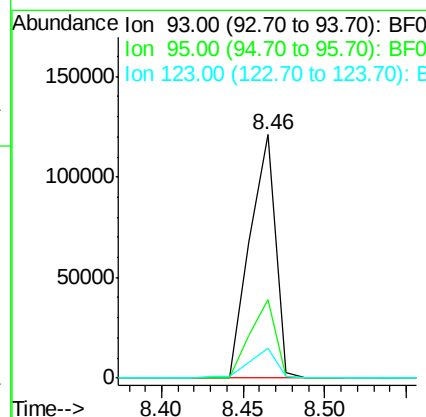
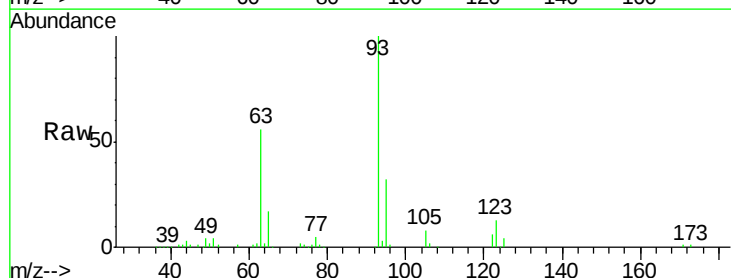
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

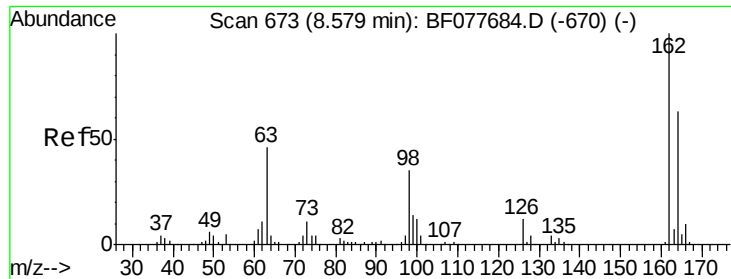
Tot Ion:122 Resp: 106769
 Ion Ratio Lower Upper
 122 100
 107 108.8 84.7 127.1
 121 59.1 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.86 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion: 93 Resp: 132121
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.5 38.3
 123 12.5 8.6 13.0

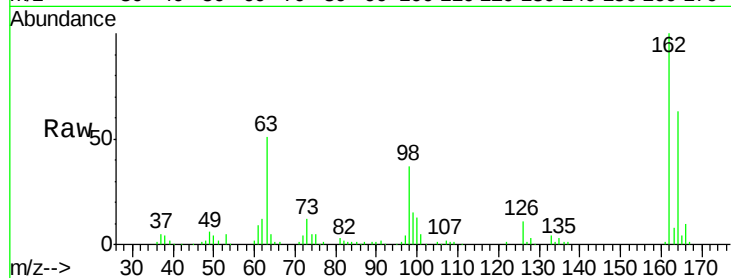




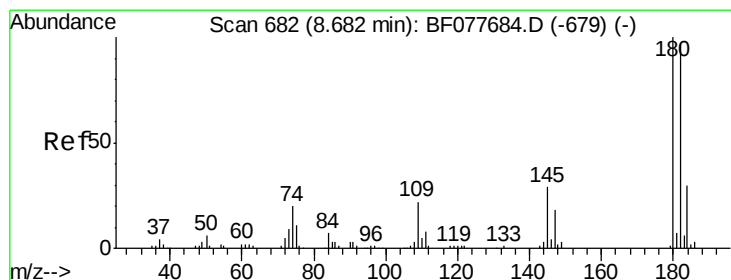
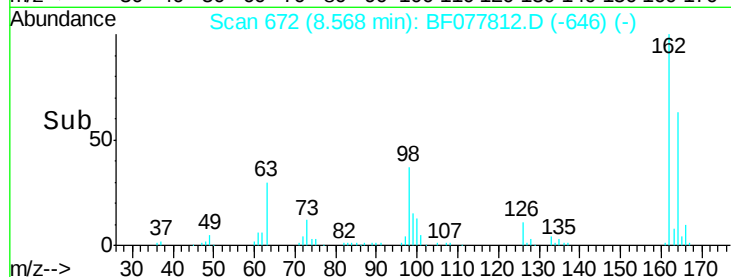
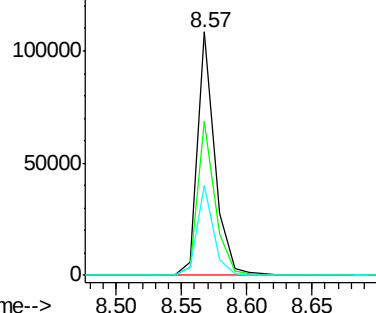
#29
 2,4-Dichlorophenol
 Concen: 35.53 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.8	82.8
98	36.7	14.5	54.5

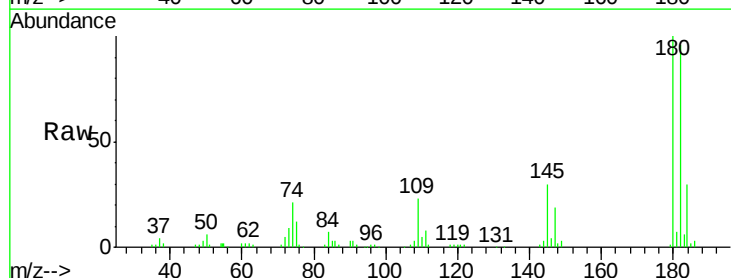


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

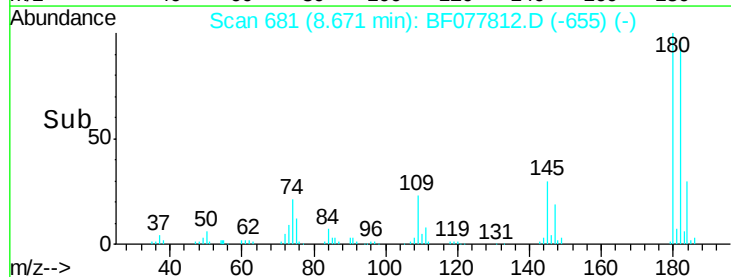
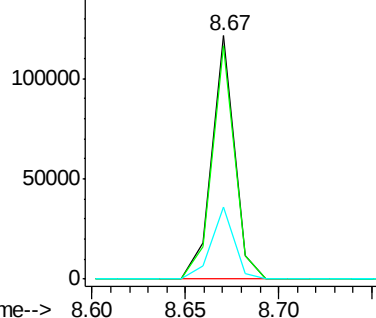


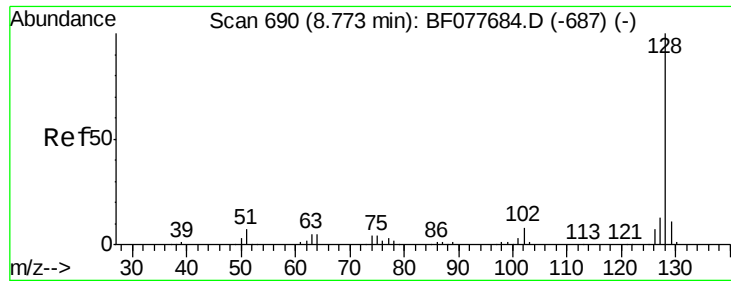
#30
 1,2,4-Trichlorobenzene
 Concen: 32.77 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	29.9	23.4	35.2



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

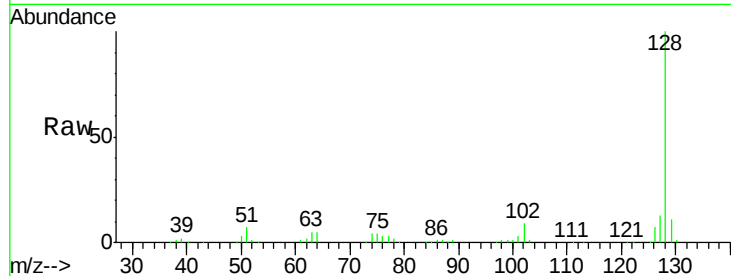




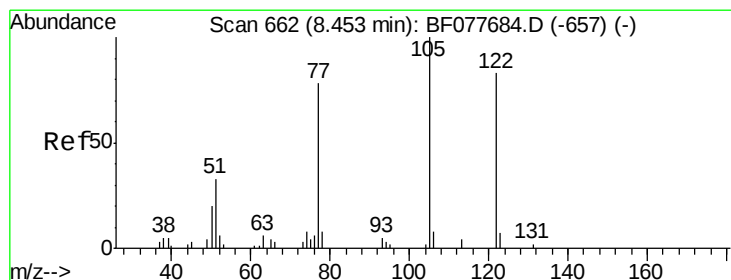
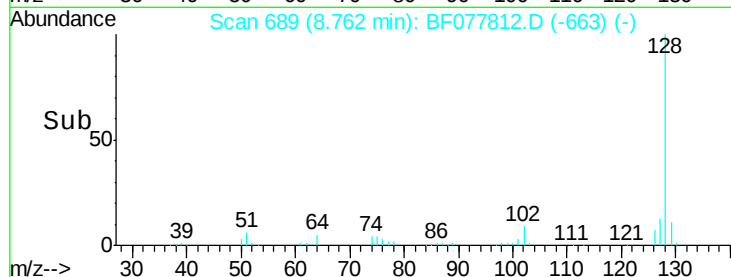
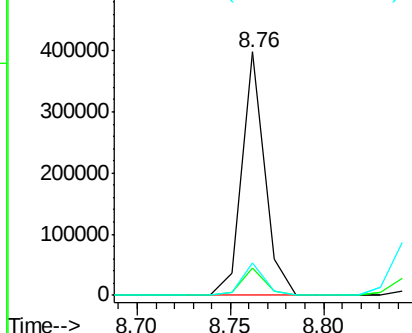
#31
Naphthalene
Concen: 32.52 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:128 Resp: 338513
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.4 15.6

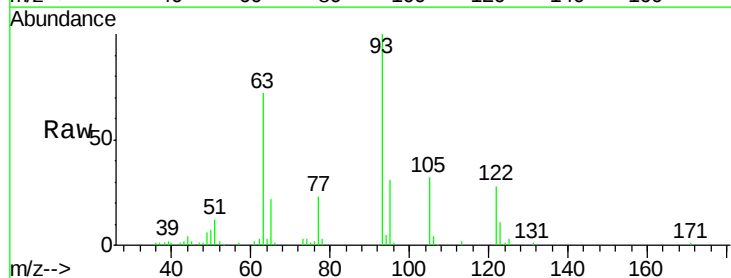


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

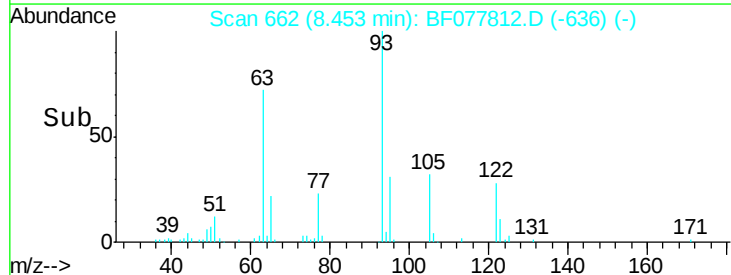
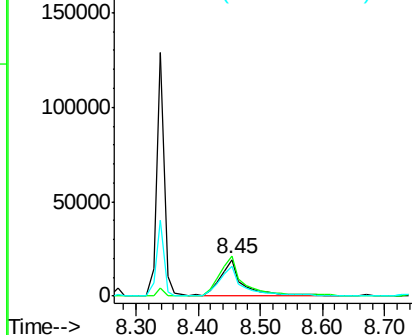


#32
Benzoic acid
Concen: 30.61 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:122 Resp: 48731
Ion Ratio Lower Upper
122 100
105 111.9 99.9 139.9
77 81.4 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

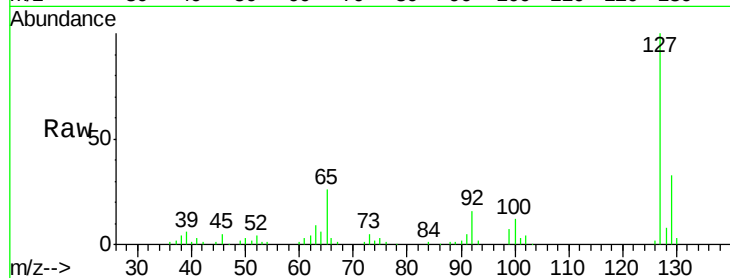




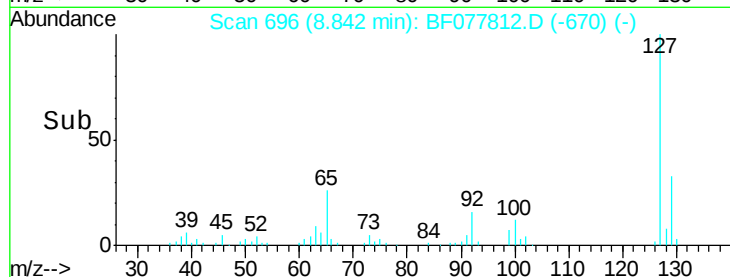
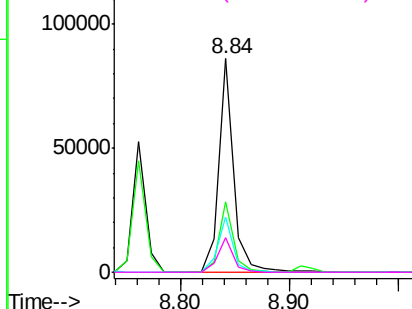
#33
4-Chloroaniline
Concen: 19.48 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:	127	Resp:	82292
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	25.7	17.6	26.4
92	16.4	13.1	19.7

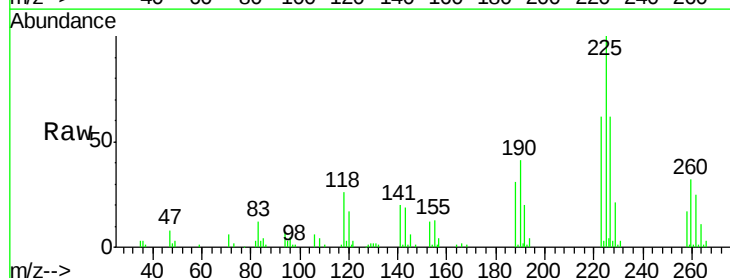


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

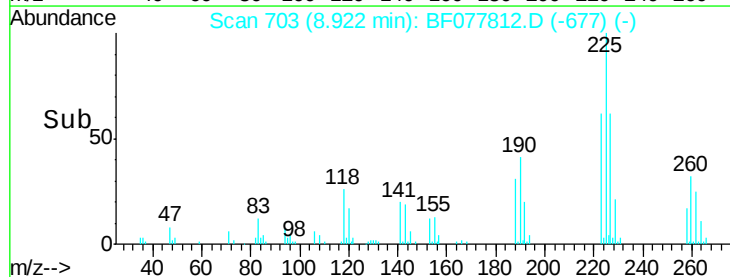
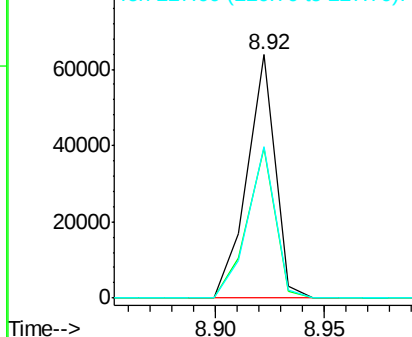


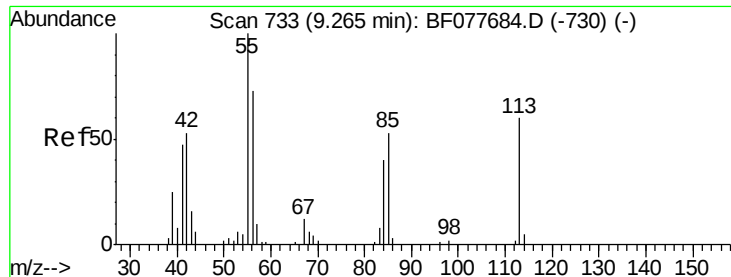
#34
Hexachlorobutadiene
Concen: 31.94 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:	225	Resp:	57350
Ion	Ratio	Lower	Upper
225	100		
223	61.7	47.9	71.9
227	62.3	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: 36.26 ng

RT: 9.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

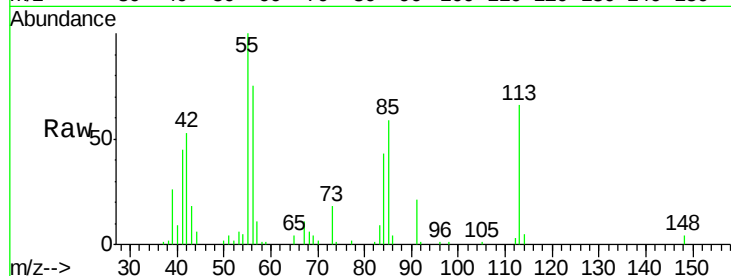
Tot Ion:113 Resp: 30005

Ion Ratio Lower Upper

113 100

55 151.1 145.9 185.9

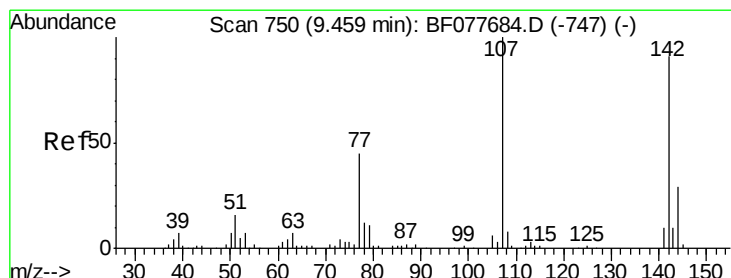
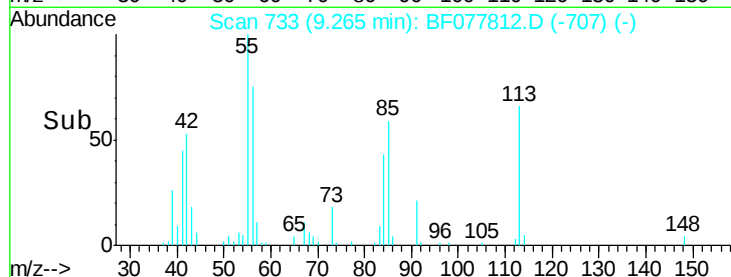
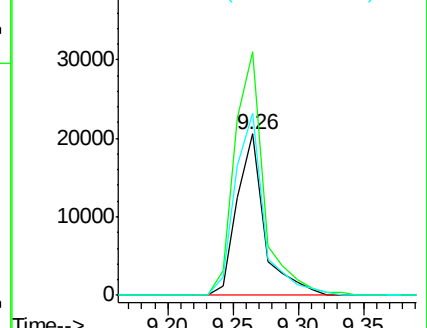
56 113.4 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.28 ng

RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

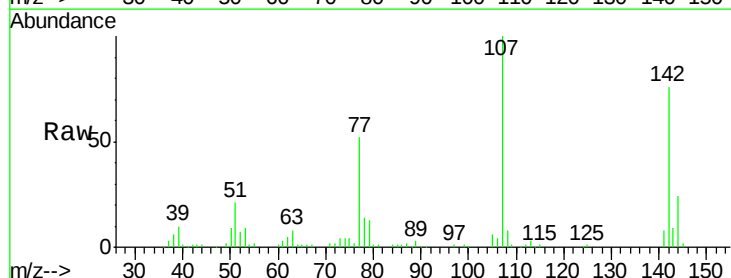
Tgt Ion:107 Resp: 97665

Ion Ratio Lower Upper

107 100

144 23.7 23.3 34.9

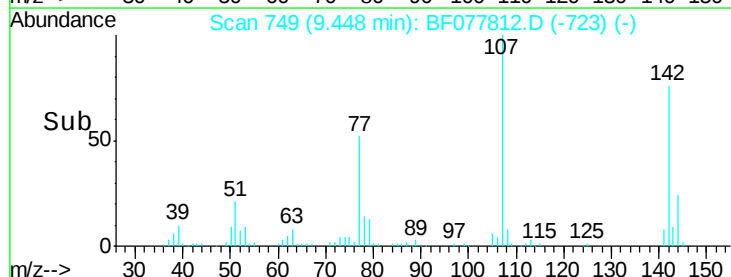
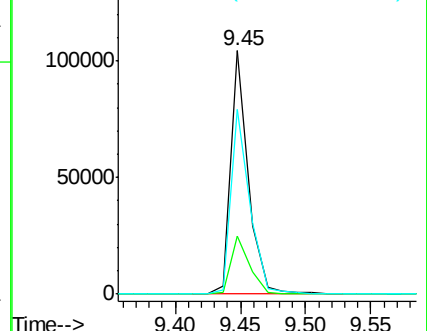
142 76.0 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

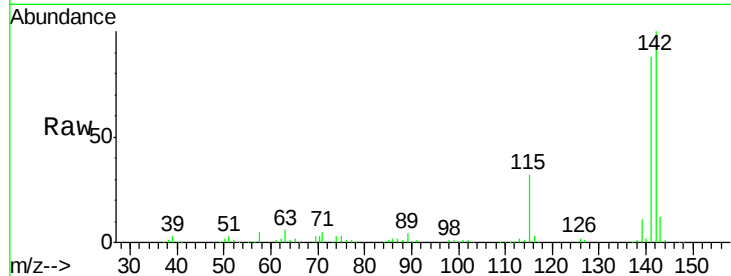




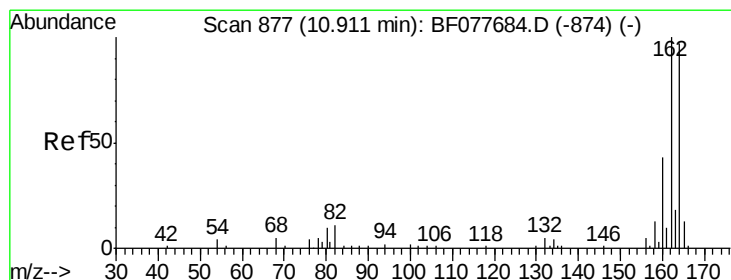
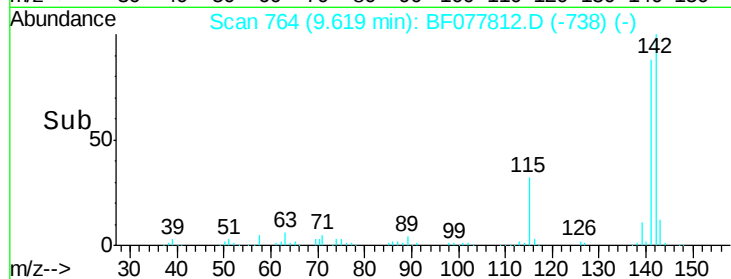
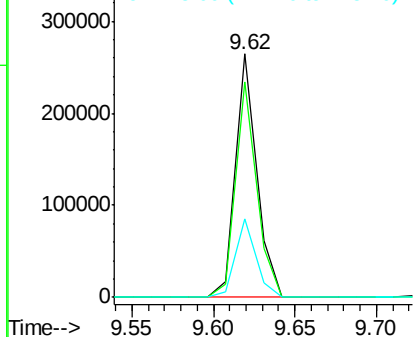
#37
 2-Methylnaphthalene
 Concen: 33.74 ng
 RT: 9.62 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:142 Resp: 235943
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 32.4 25.4 38.0

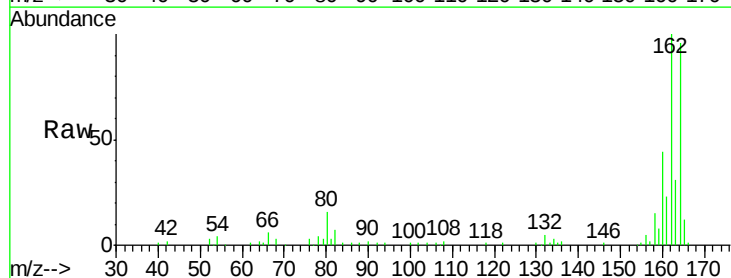


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

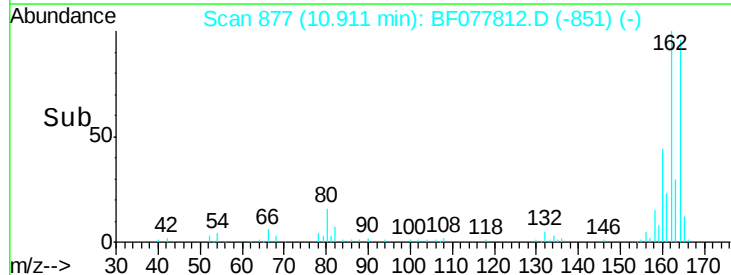
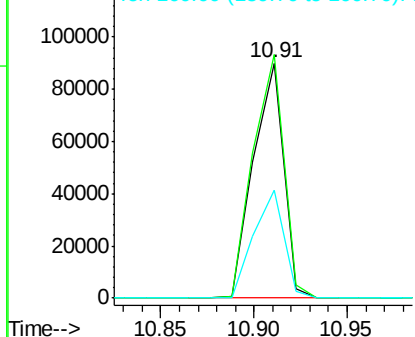


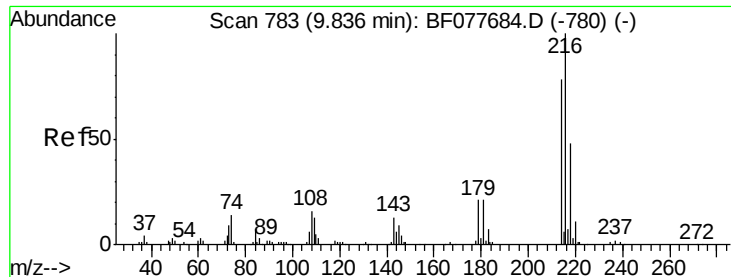
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:164 Resp: 100570
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 46.1 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

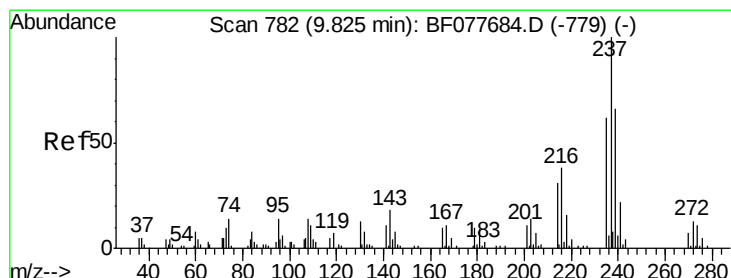
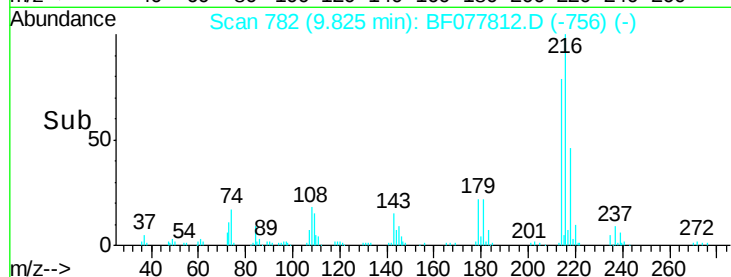
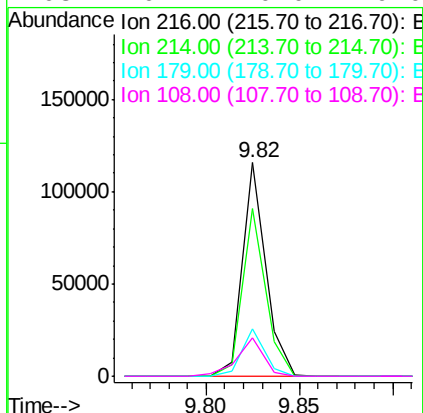
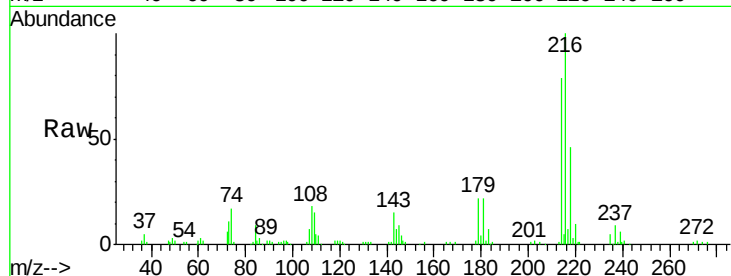




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.96 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

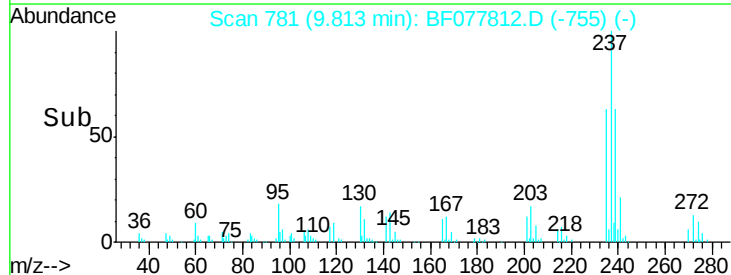
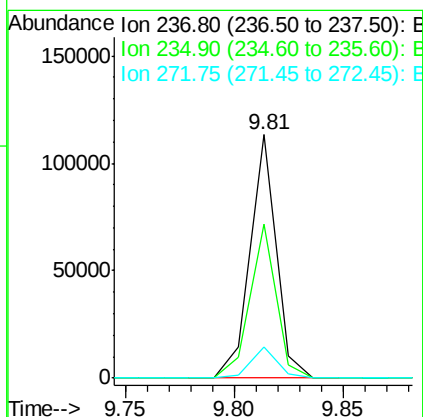
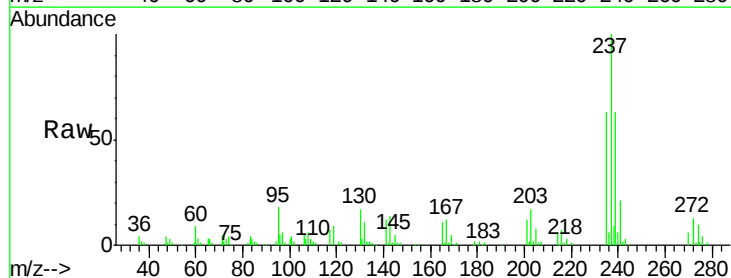
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

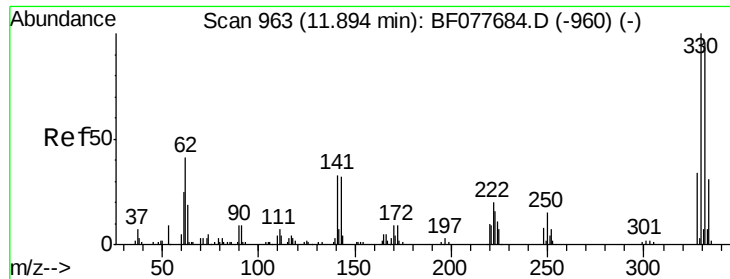
Tot Ion:216	Resp:	101870
Ion Ratio	Lower	Upper
216	100	
214	78.4	0.0 0.0#
179	21.6	0.0 0.0#
108	20.4	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 63.76 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:237	Resp:	94735
Ion Ratio	Lower	Upper
237	100	
235	63.5	42.0 82.0
272	13.0	0.0 33.4

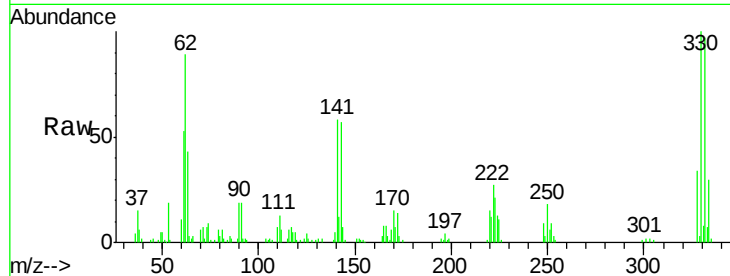




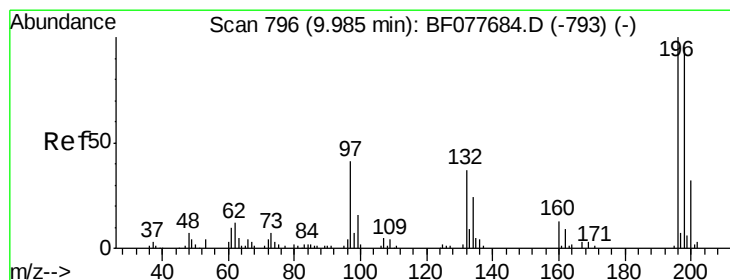
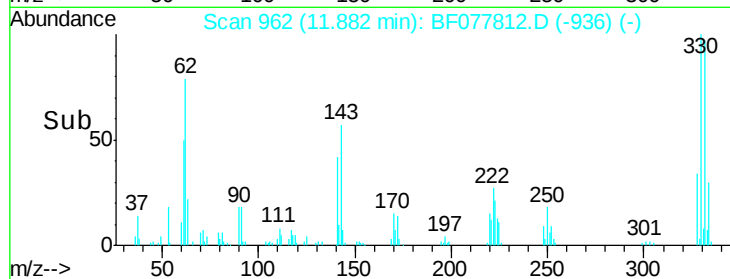
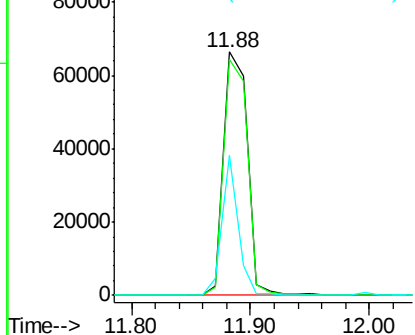
#41
 2,4,6-Tribromophenol
 Concen: 95.53 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:330 Resp: 91923
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 38.7 0.0 0.0#

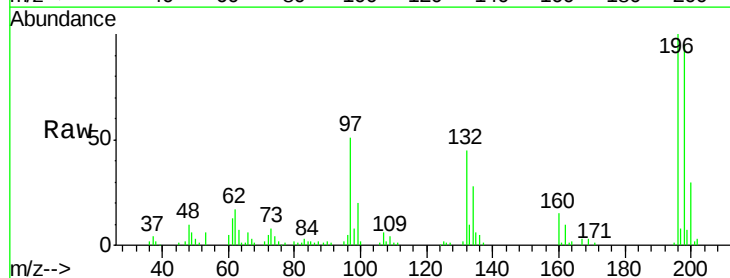


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

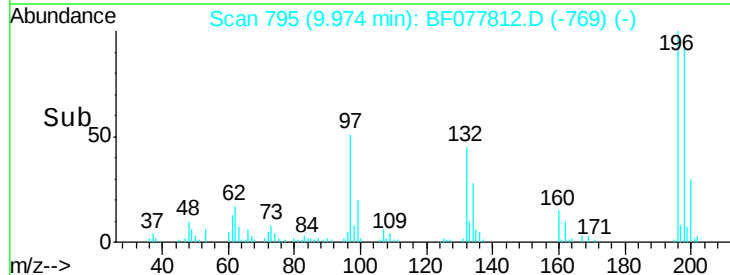
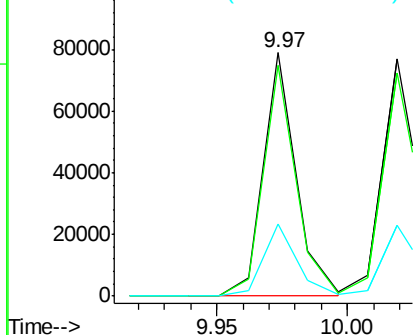


#42
 2,4,6-Trichlorophenol
 Concen: 33.34 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:196 Resp: 69275
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 29.8 25.6 38.4



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

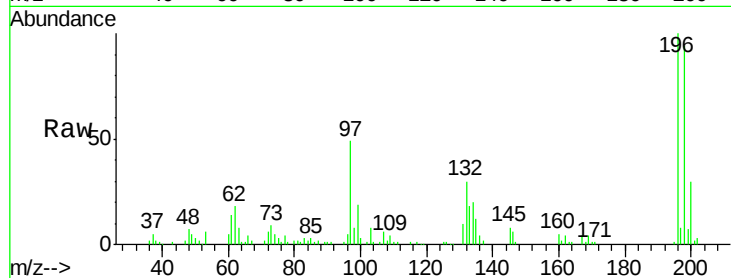




#43
 2,4,5-Trichlorophenol
 Concen: 33.42 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	79.4	119.0
97	49.2	26.8	40.2
132	30.0	18.6	28.0



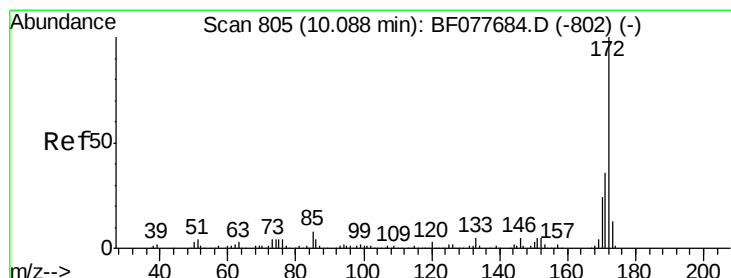
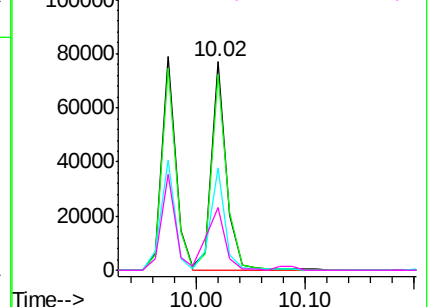
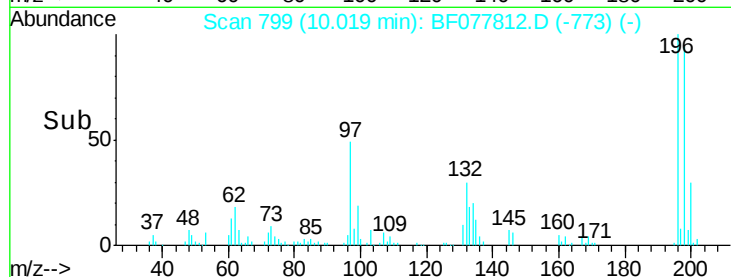
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

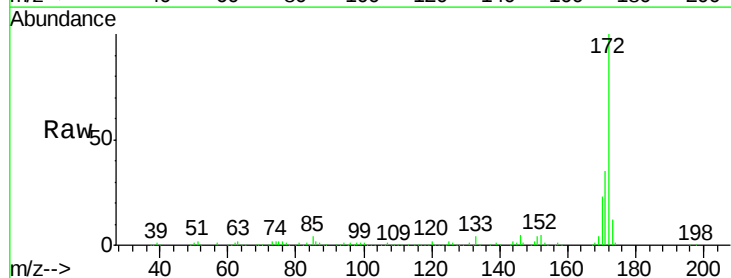
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.95 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.4	18.8	28.2

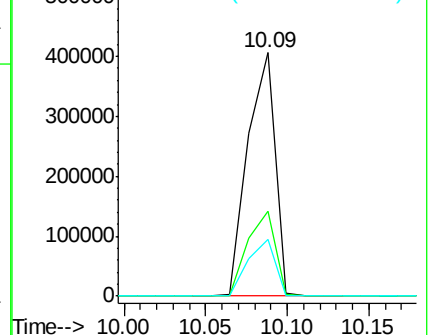
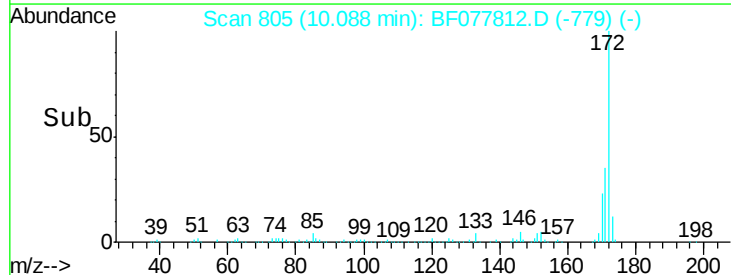


Abundance

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

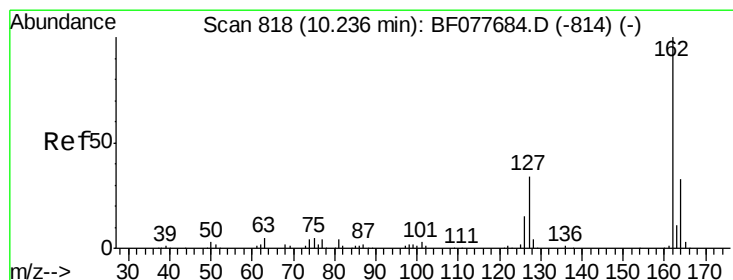
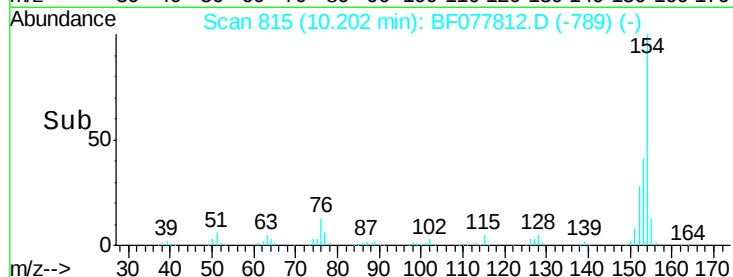
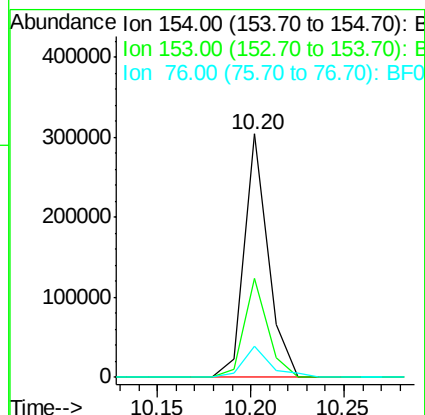
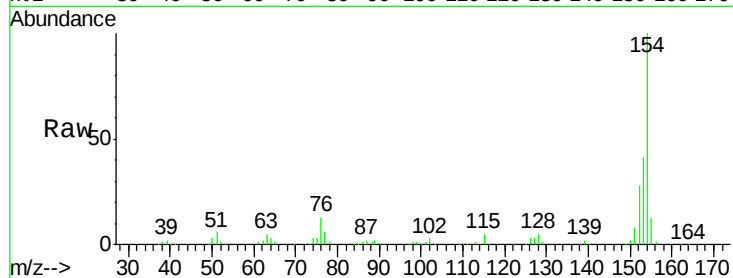




#45
 1,1'-Biphenyl
 Concen: 33.60 ng
 RT: 10.20 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

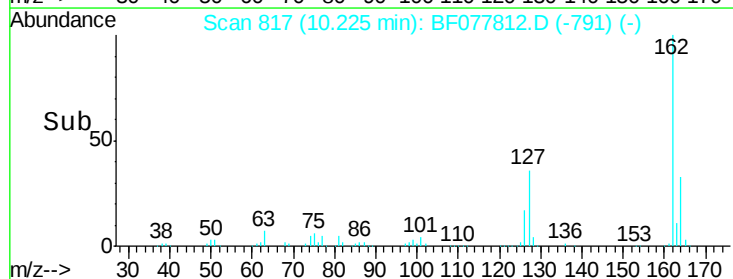
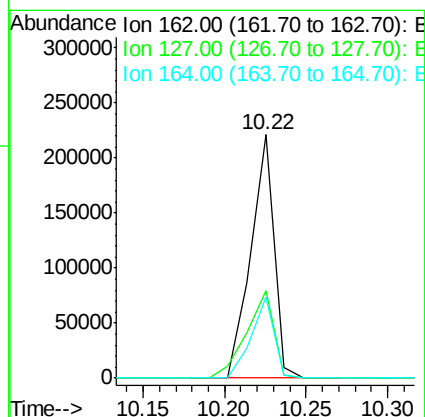
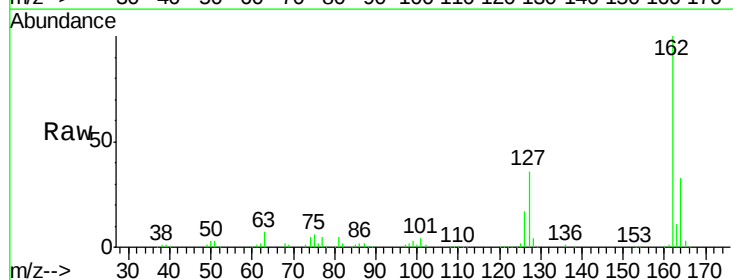
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:154 Resp: 270133
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.7 60.7
 76 13.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 33.48 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:162 Resp: 218750
 Ion Ratio Lower Upper
 162 100
 127 36.0 26.9 40.3
 164 33.2 26.8 40.2



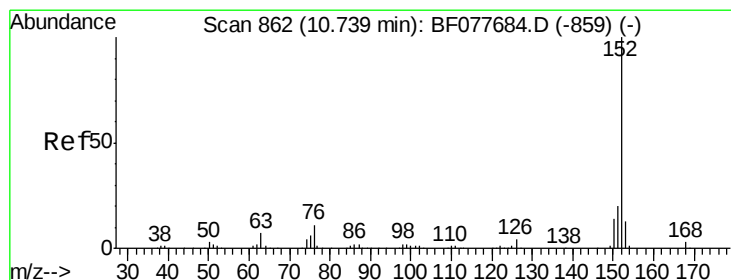
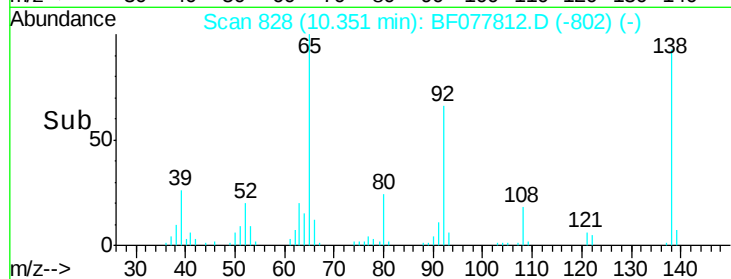
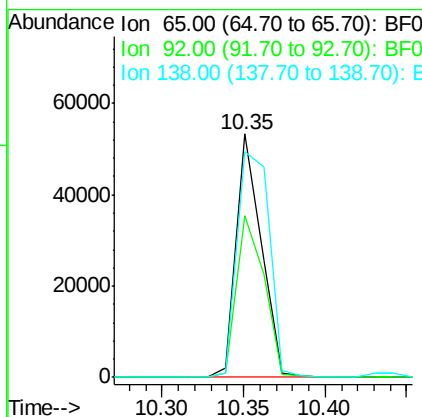
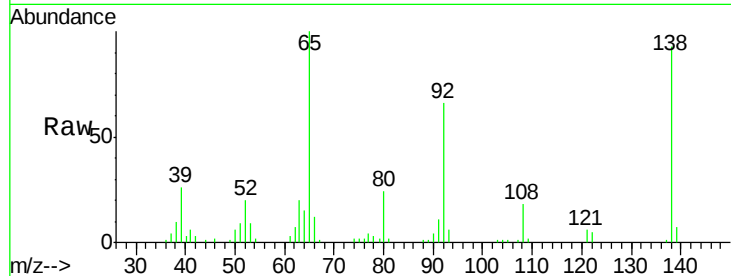


#47
 2-Nitroaniline
 Concen: 34.80 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion: 65 Resp: 56473

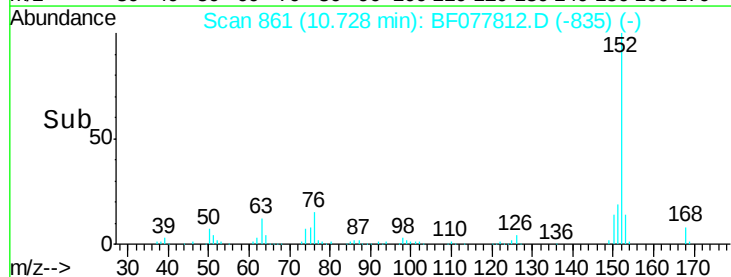
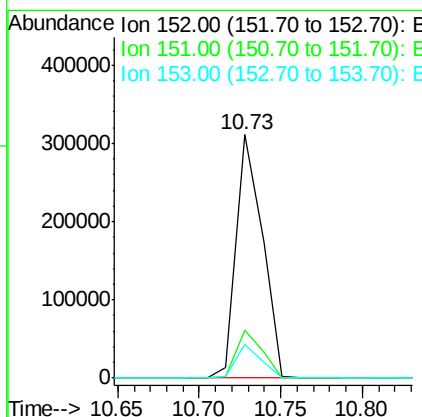
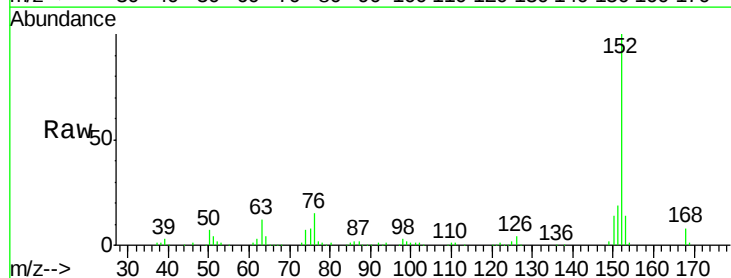
Ion	Ratio	Lower	Upper
65	100		
92	66.4	59.1	88.7
138	92.9	93.9	140.9#



#48
 Acenaphthylene
 Concen: 31.71 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion: 152 Resp: 344484

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.7	10.6	16.0

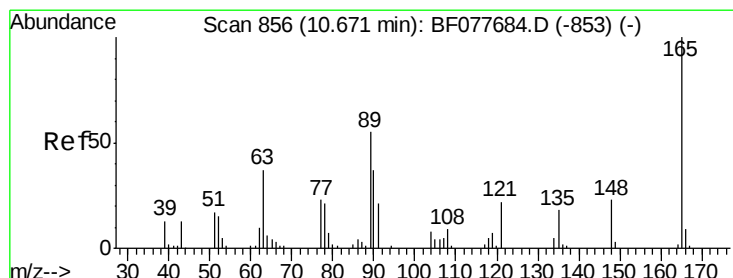
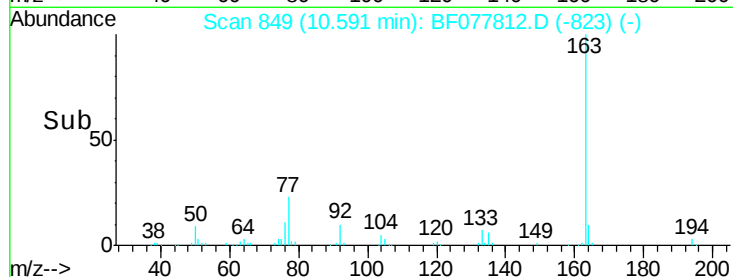
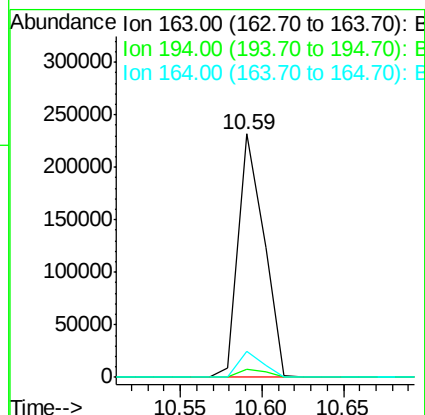
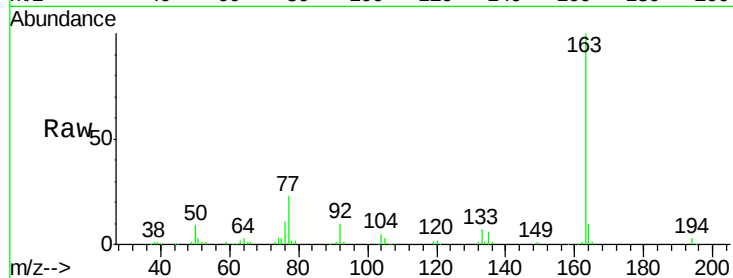




#49
Dimethylphthalate
Concen: 33.55 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

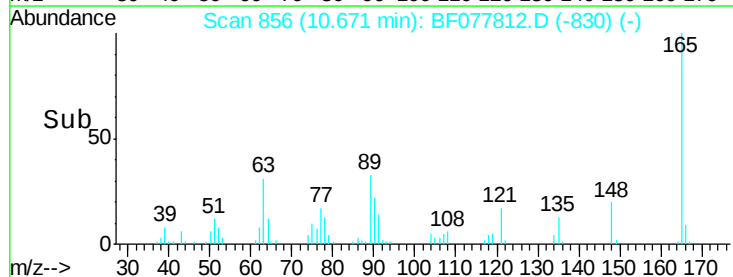
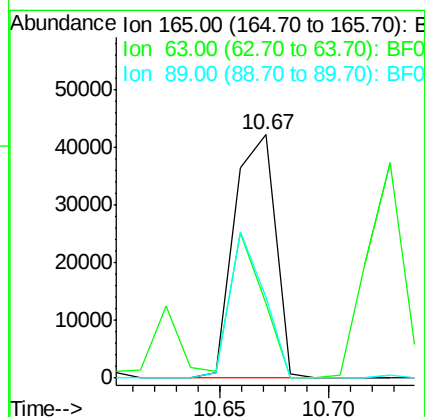
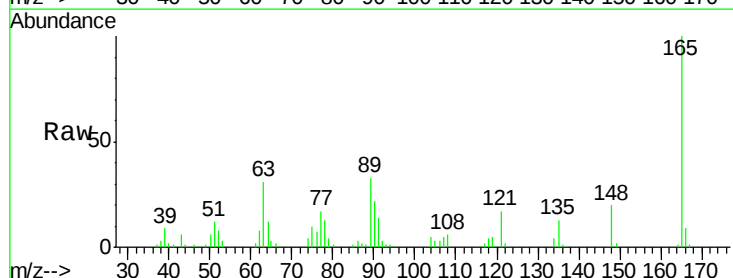
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:163 Resp: 250218
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 35.62 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:165 Resp: 55072
Ion Ratio Lower Upper
165 100
63 30.5 44.1 66.1#
89 33.3 44.3 66.5#





#51

Acenaphthene

Concen: 32.56 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

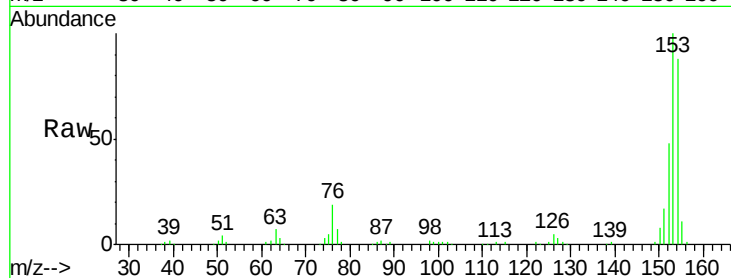
Tot Ion:154 Resp: 202825

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

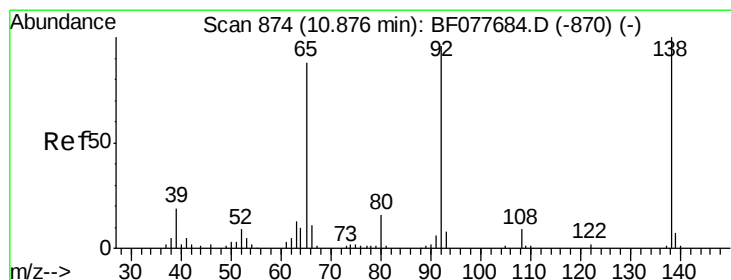
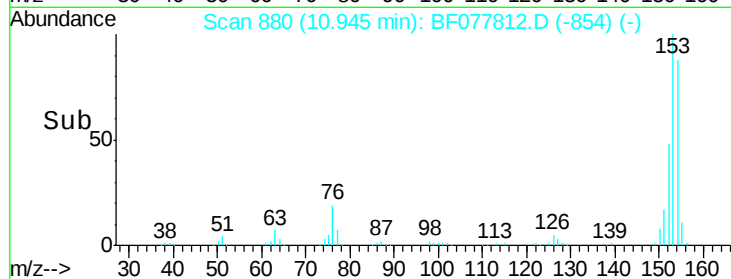
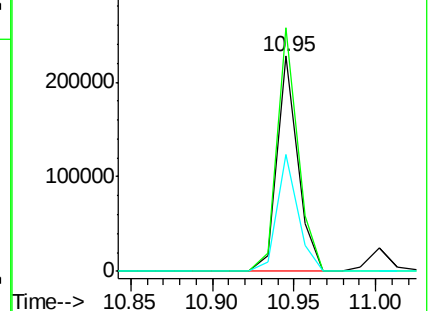
152 54.5 42.6 63.8



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: 25.39 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

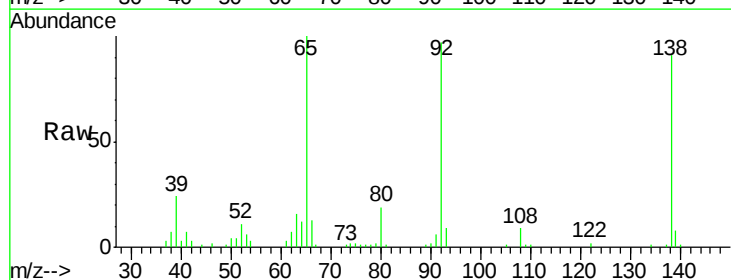
Tgt Ion:138 Resp: 45598

Ion Ratio Lower Upper

138 100

108 10.0 7.3 10.9

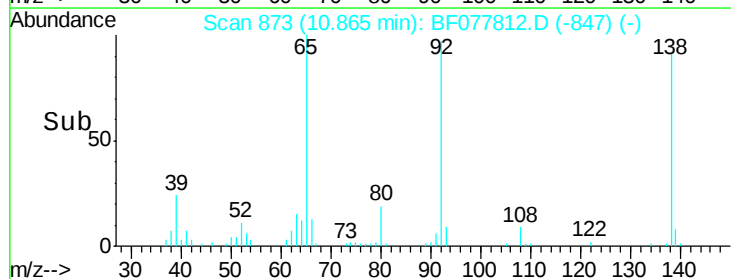
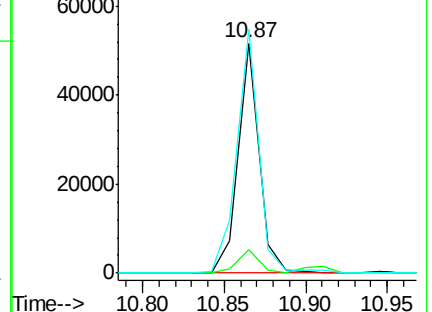
92 106.0 76.6 114.8

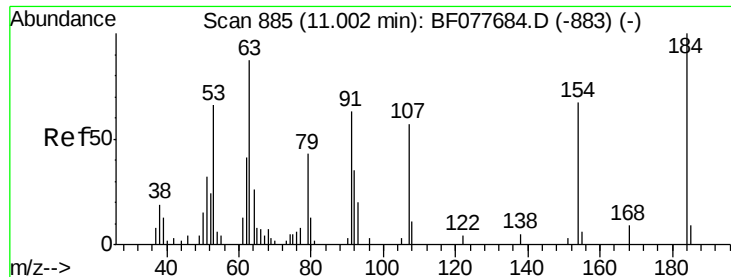


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

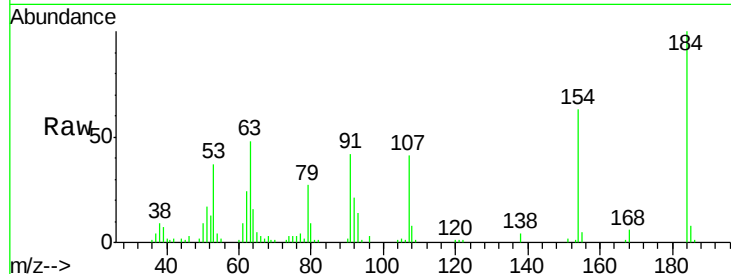




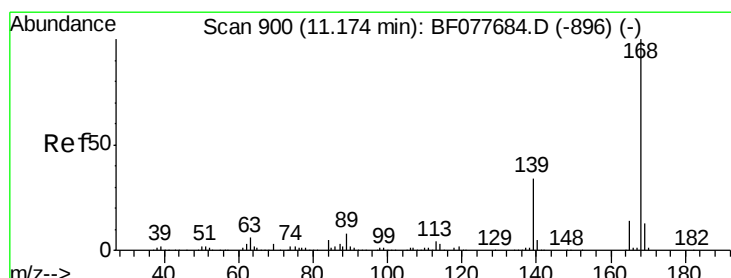
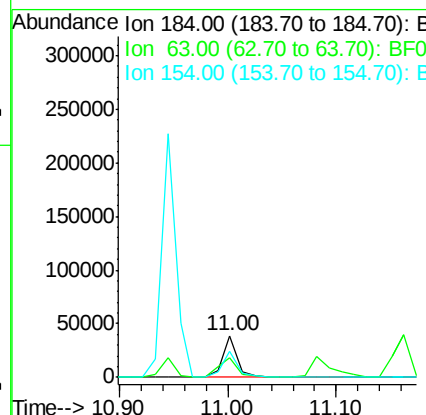
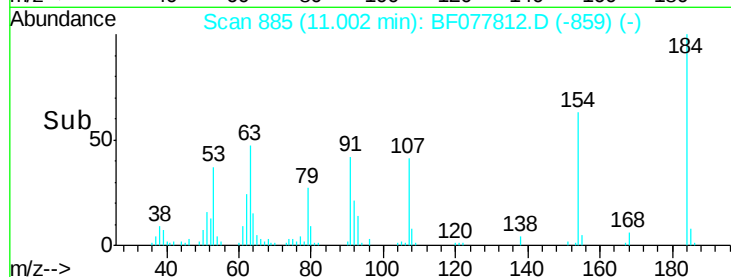
#53
2,4-Dinitrophenol
Concen: 68.98 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:184 Resp: 38483
Ion Ratio Lower Upper
184 100
63 48.2 69.2 103.8#
154 62.7 53.3 79.9

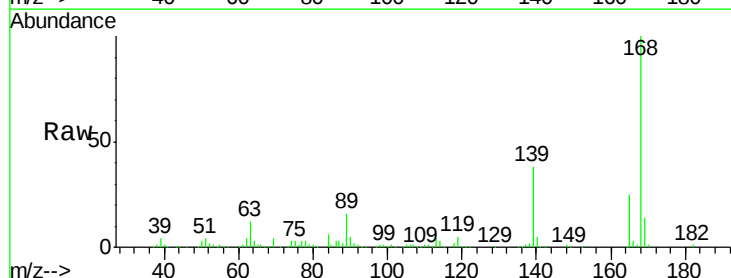


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

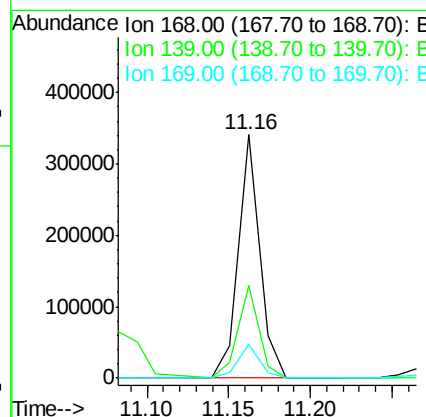
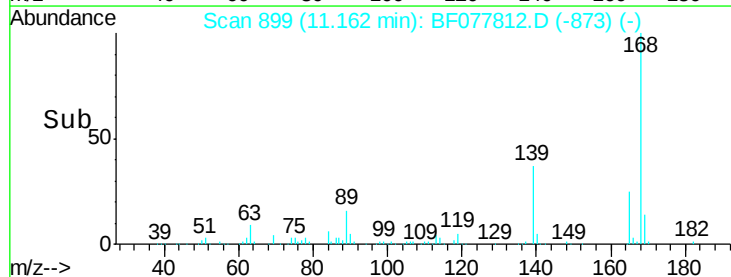


#54
Dibenzofuran
Concen: 33.29 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:168 Resp: 307529
Ion Ratio Lower Upper
168 100
139 37.9 27.3 40.9
169 13.8 10.6 16.0



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

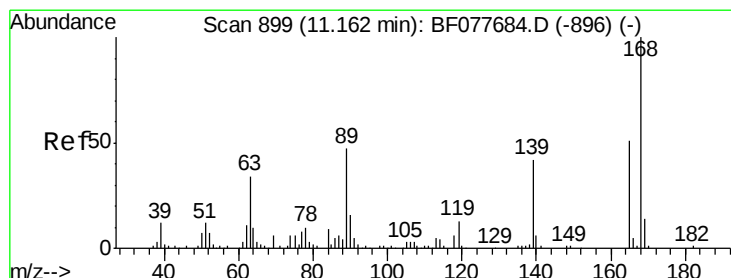
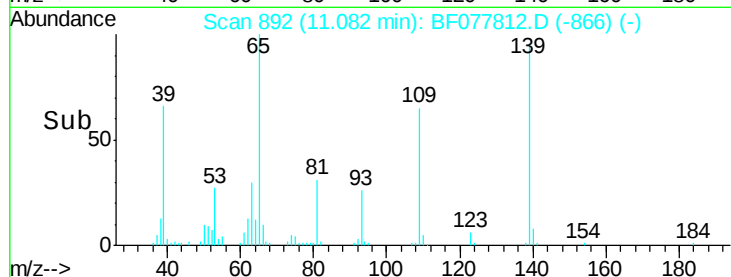
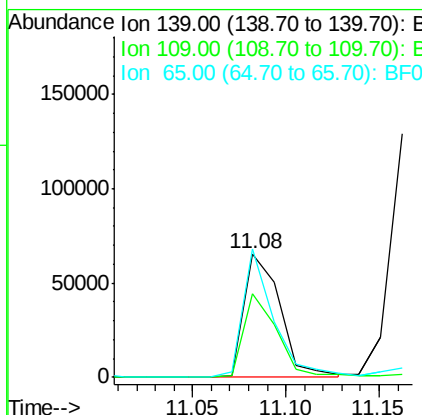
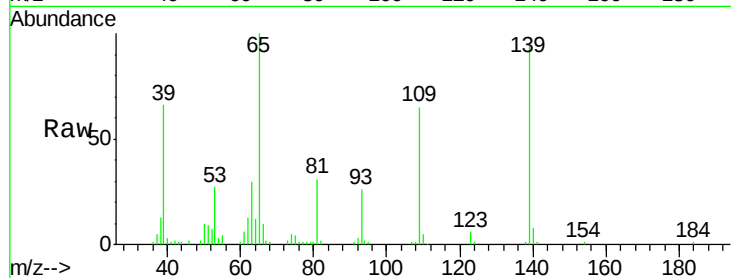




#55
4-Nitrophenol
Concen: 66.26 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

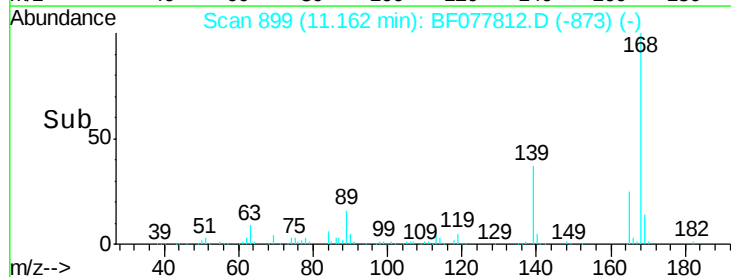
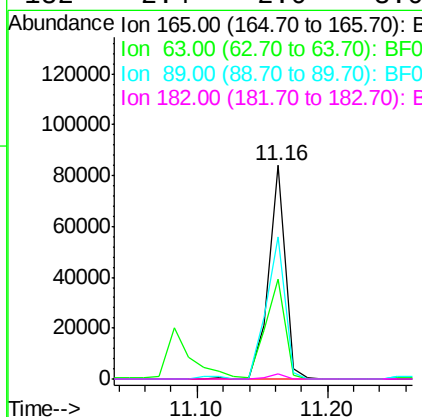
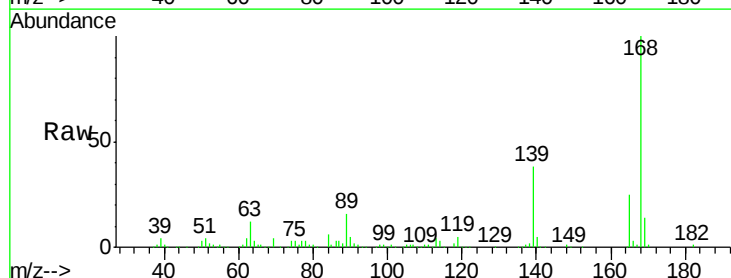
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:139 Resp: 88133
Ion Ratio Lower Upper
139 100
109 68.0 37.7 77.7
65 104.0 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 37.54 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:165 Resp: 75694
Ion Ratio Lower Upper
165 100
63 46.8 52.4 78.6#
89 66.7 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 32.45 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

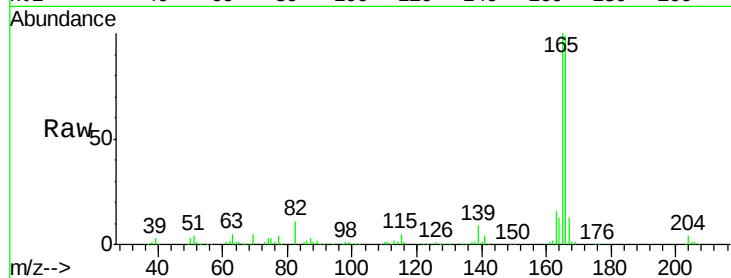
Tot Ion:166 Resp: 248956

Ion Ratio Lower Upper

166 100

165 101.4 79.0 118.4

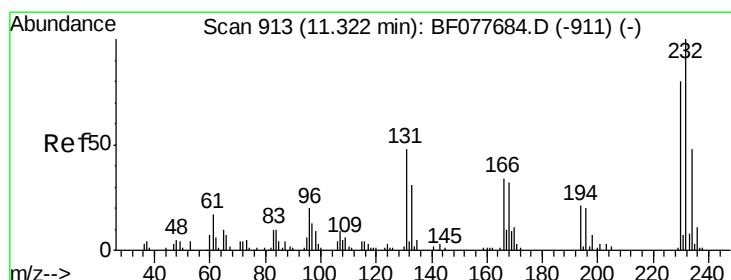
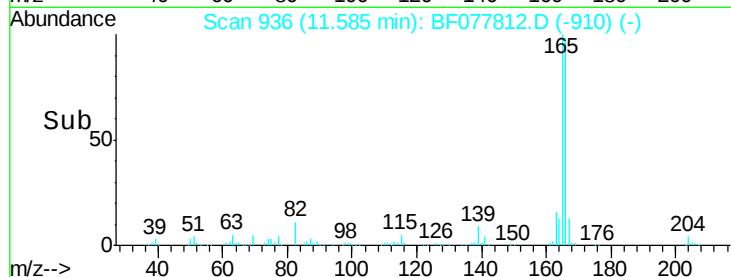
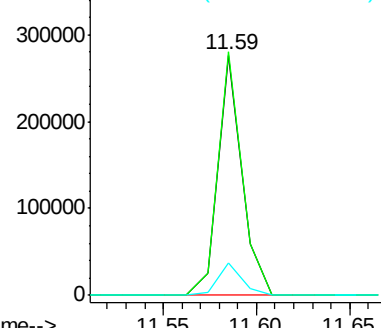
167 13.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.49 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Tgt Ion:232 Resp: 59623

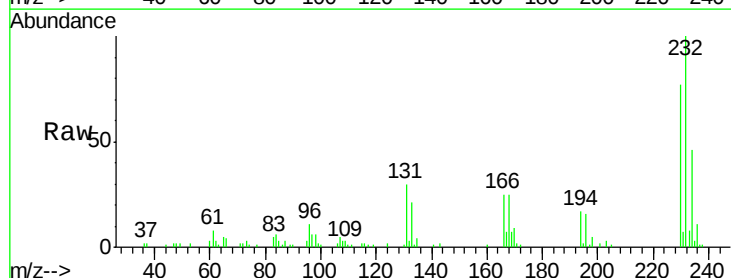
Ion Ratio Lower Upper

232 100

131 45.9 0.0 0.0#

130 2.2 0.0 0.0#

166 32.3 0.0 0.0#

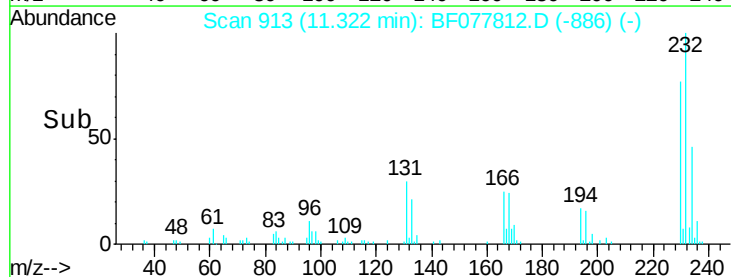
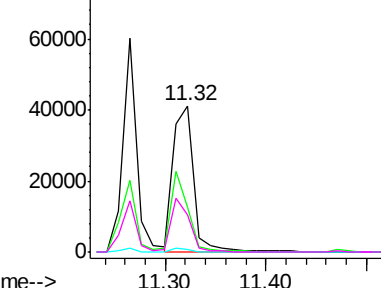


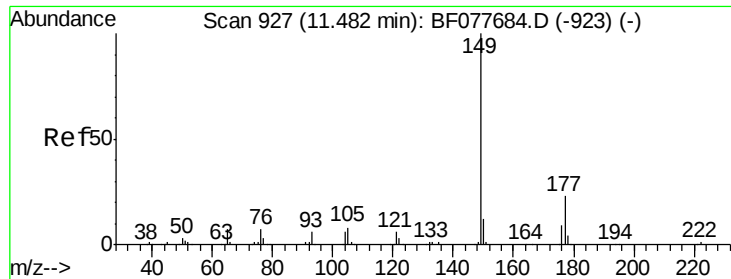
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

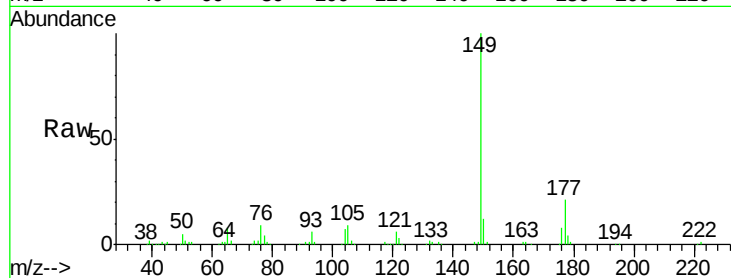




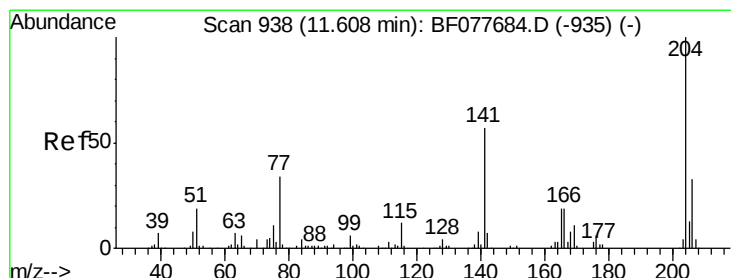
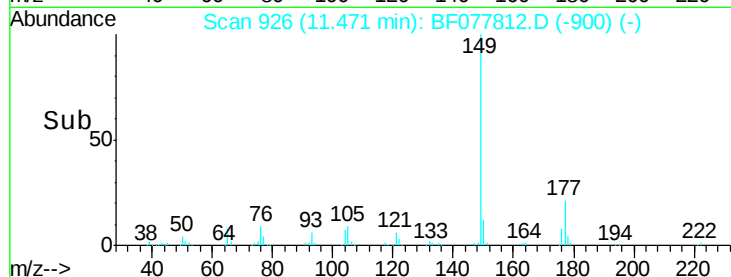
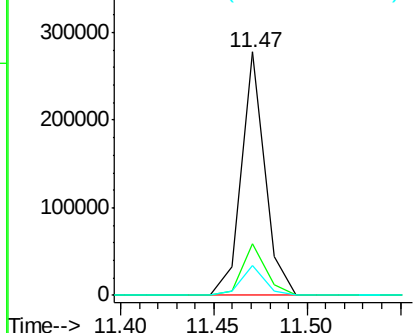
#59
Diethylphthalate
Concen: 33.63 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:149 Resp: 244433
Ion Ratio Lower Upper
149 100
177 21.0 18.3 27.5
150 12.4 9.8 14.8

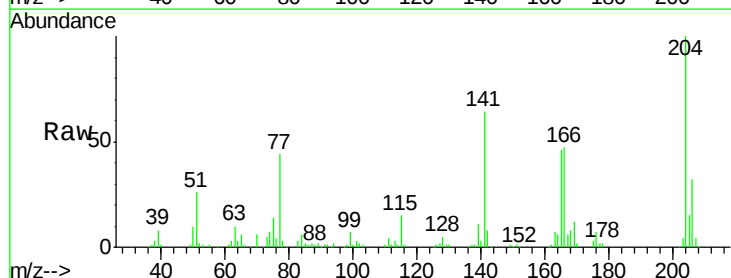


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

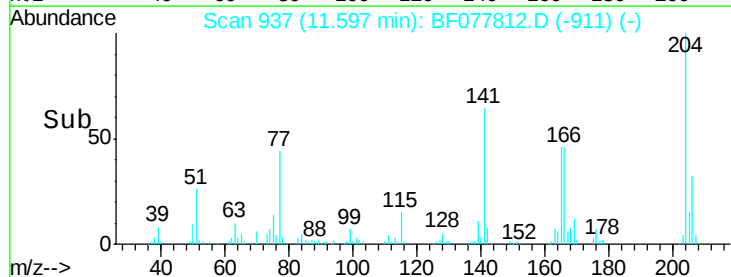
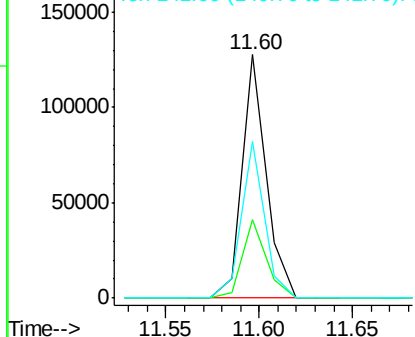


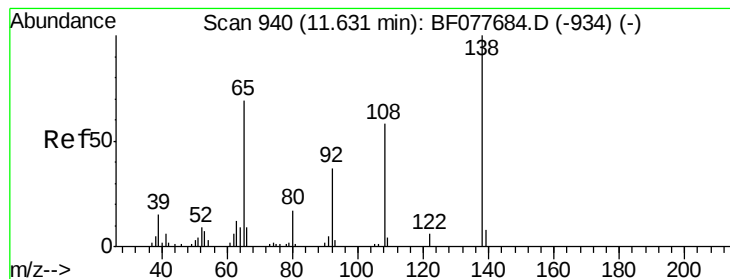
#60
4-Chlorophenyl-phenylether
Concen: 32.79 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:204 Resp: 114809
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 64.4 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.31 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

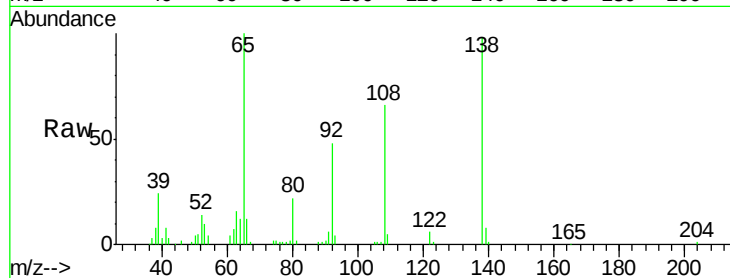
Tot Ion:138 Resp: 61411

Ion Ratio Lower Upper

138 100

92 48.5 16.7 56.7

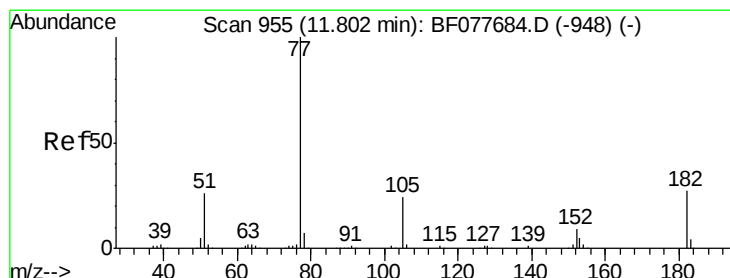
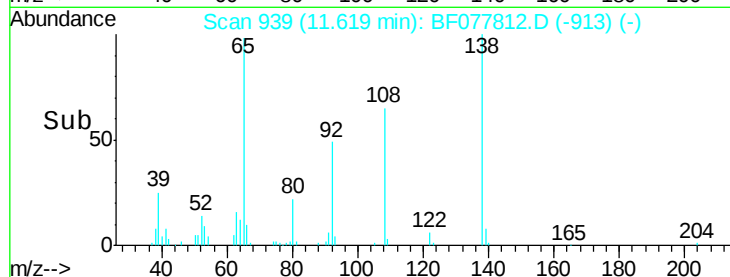
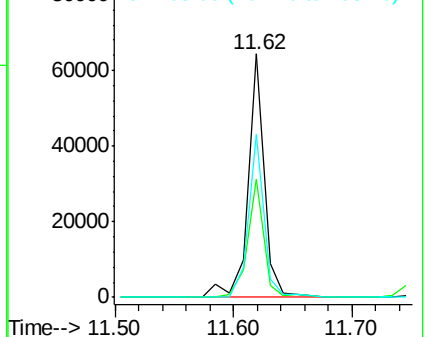
108 67.2 37.6 77.6



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: 33.21 ng

RT: 11.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Tgt Ion: 77 Resp: 230689

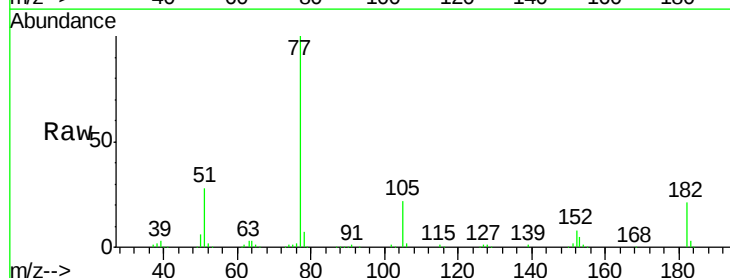
Ion Ratio Lower Upper

77 100

182 20.8 6.5 46.5

105 22.2 3.8 43.8

51 27.7 5.5 45.5

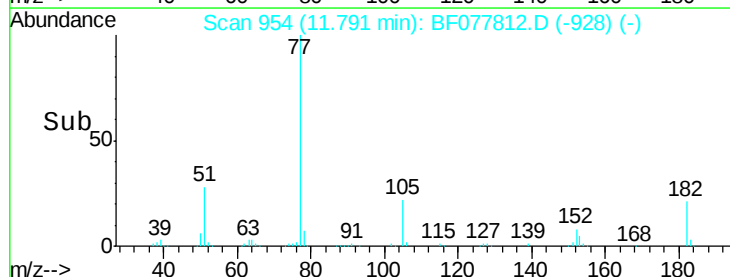
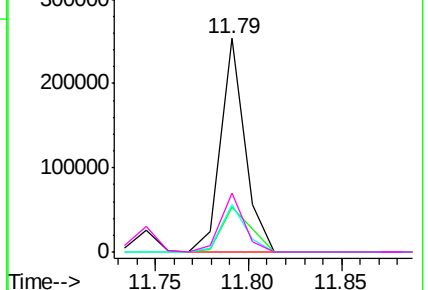


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

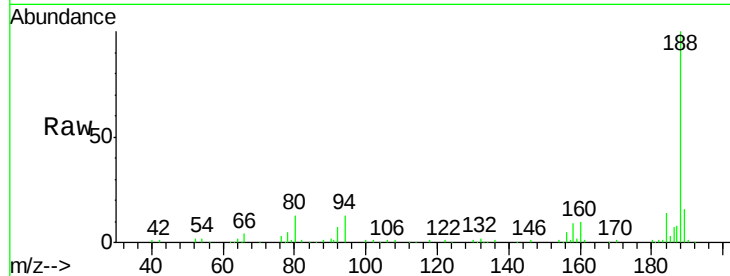




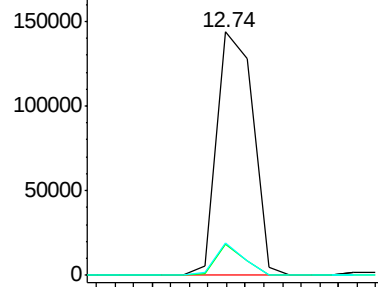
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

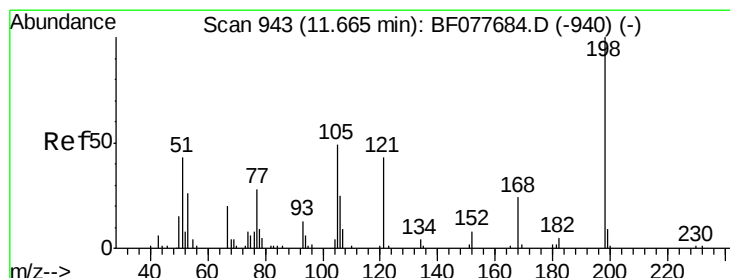
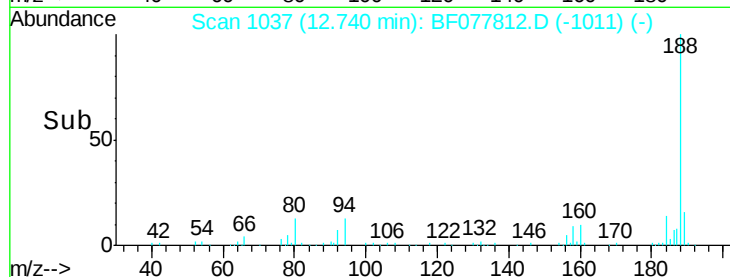
Tot Ion:188 Resp: 194000
Ion Ratio Lower Upper
188 100
94 12.7 8.7 13.1
80 13.3 9.3 13.9



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

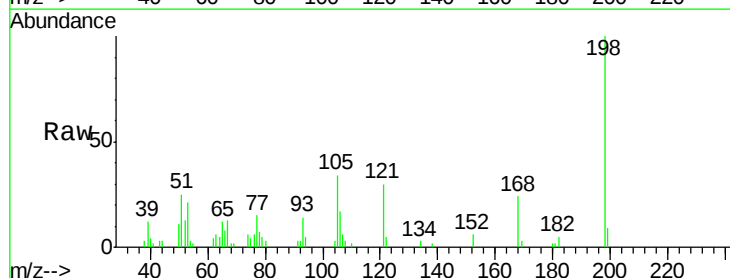


Time-->

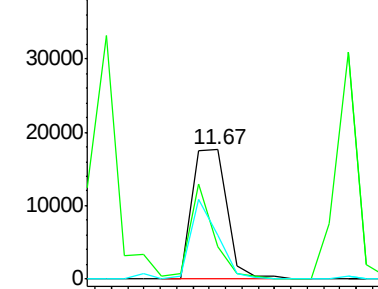


#64
4,6-Dinitro-2-methylphenol
Concen: 30.00 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

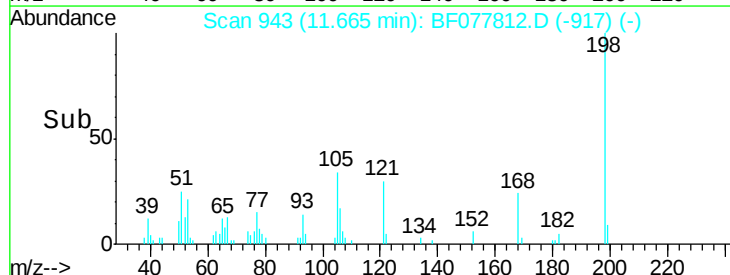
Tgt Ion:198 Resp: 25855
Ion Ratio Lower Upper
198 100
51 24.8 28.8 68.8#
105 34.1 30.5 70.5



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



Time-->





#65

n-Nitrosodiphenylamine

Concen: 33.63 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

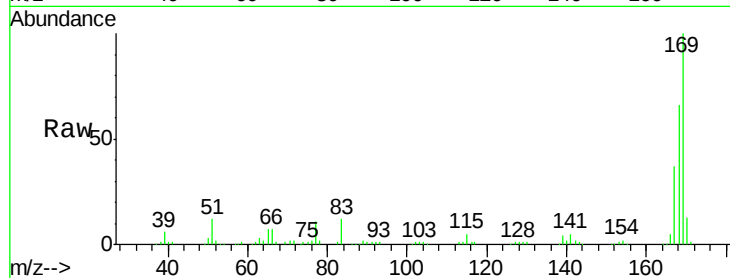
Tot Ion:169 Resp: 217235

Ion Ratio Lower Upper

169 100

168 66.4 53.9 80.9

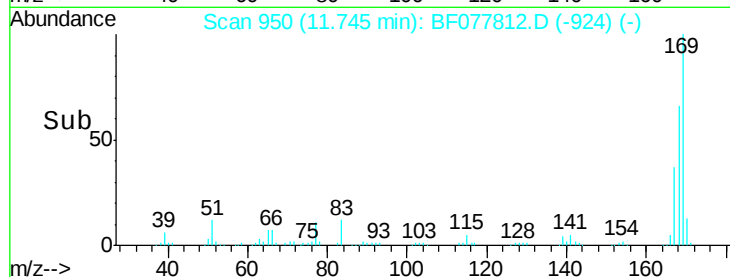
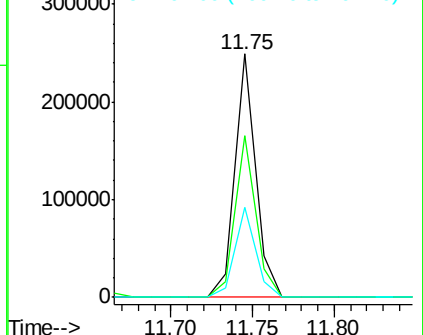
167 36.8 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.91 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

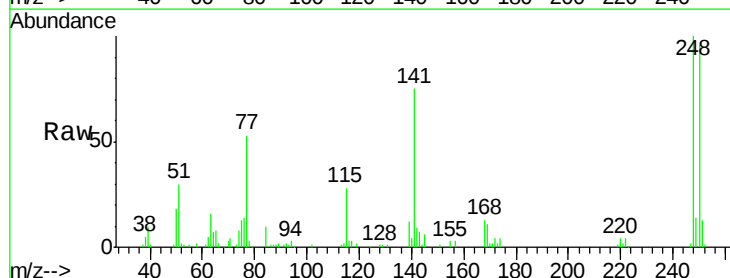
Tgt Ion:248 Resp: 68140

Ion Ratio Lower Upper

248 100

250 95.8 77.4 116.0

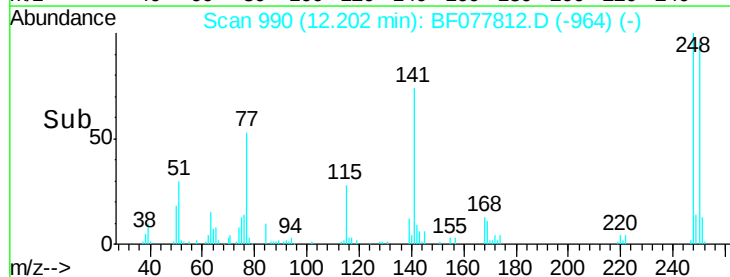
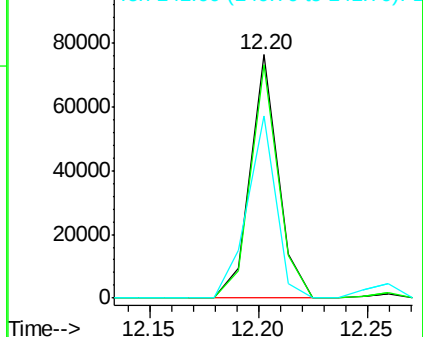
141 74.8 45.2 67.8#



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

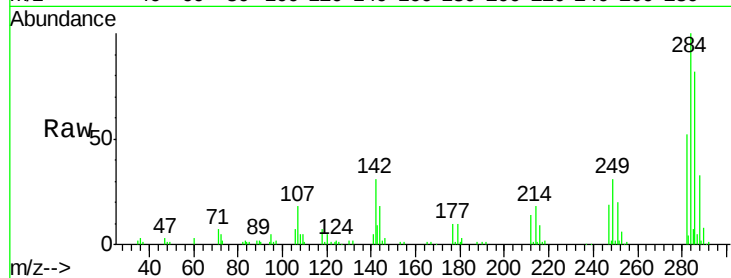




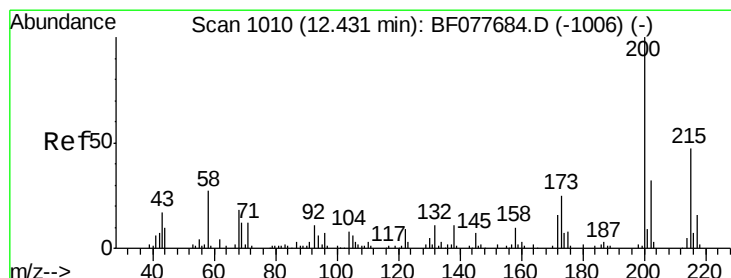
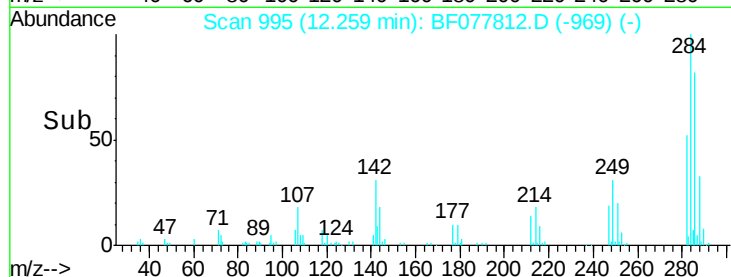
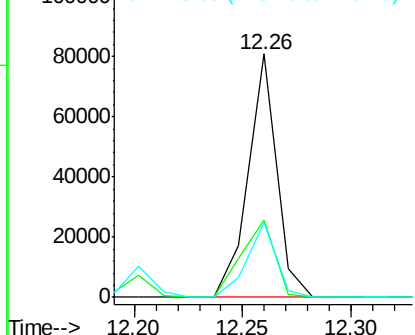
#67
Hexachlorobenzene
Concen: 32.39 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:284 Resp: 73674
Ion Ratio Lower Upper
284 100
142 31.5 20.4 30.6#
249 30.6 23.8 35.6

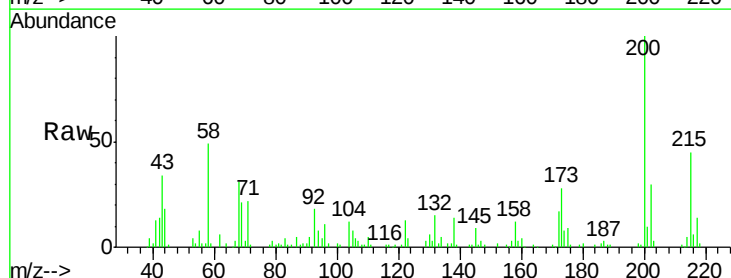


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

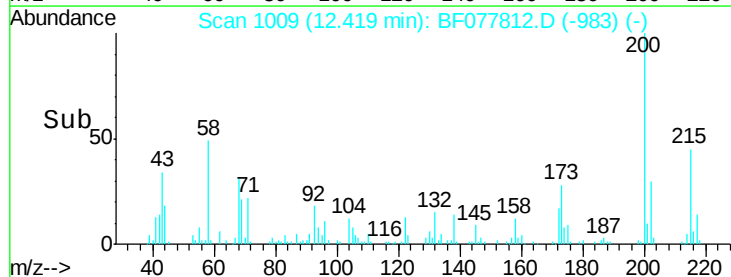
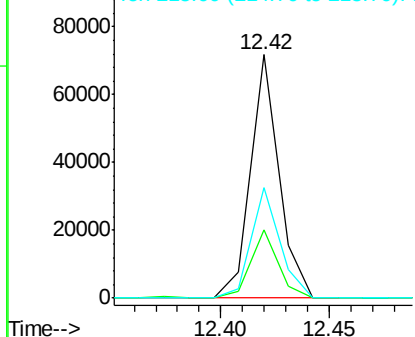


#68
Atrazine
Concen: 36.01 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:200 Resp: 65185
Ion Ratio Lower Upper
200 100
173 28.2 4.8 44.8
215 45.4 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

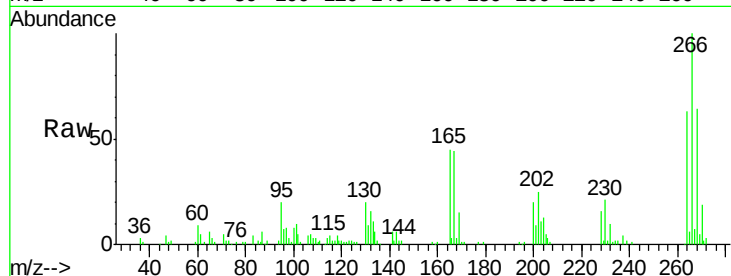




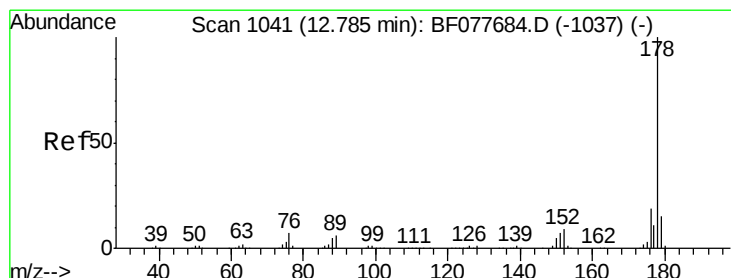
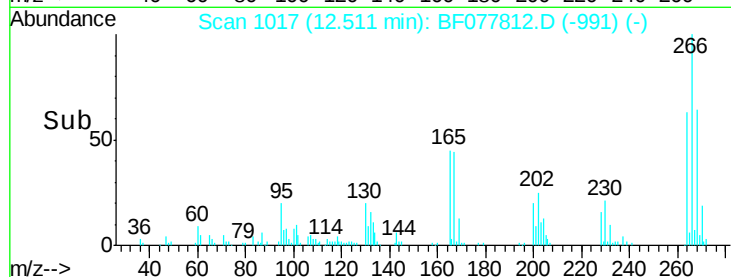
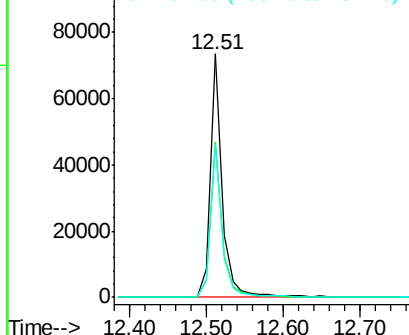
#69
 Pentachlorophenol
 Concen: 66.04 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:266 Resp: 78023
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.0 78.0
 264 62.8 49.0 73.4

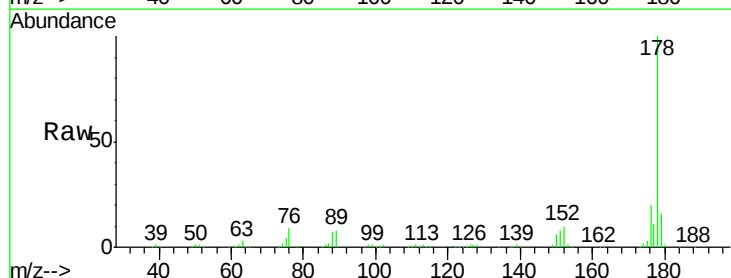


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

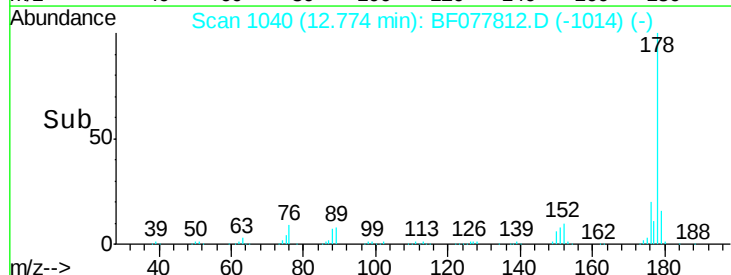
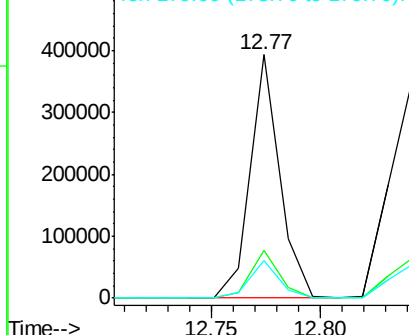


#70
 Phenanthrene
 Concen: 33.24 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:178 Resp: 370178
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.2 22.8
 179 15.7 12.1 18.1



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

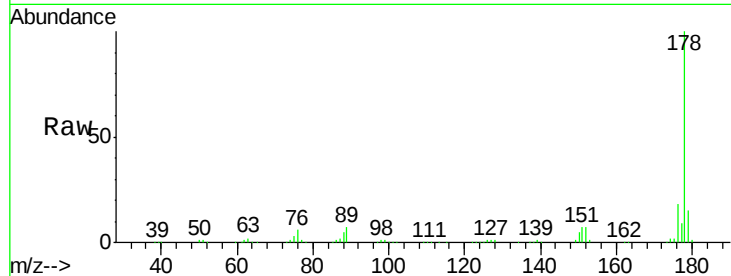




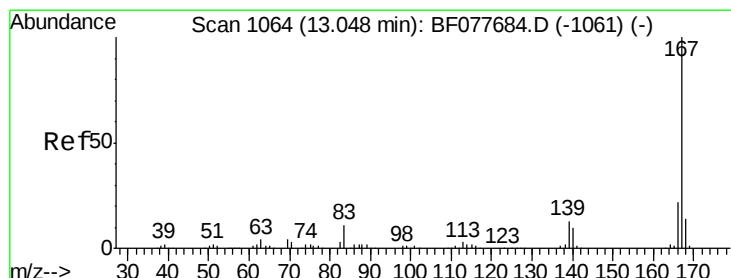
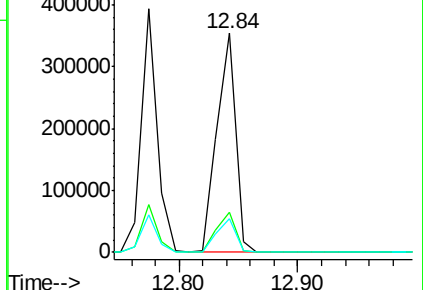
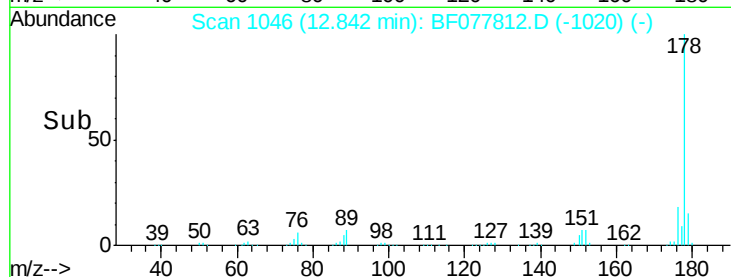
#71
 Anthracene
 Concen: 34.97 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:178 Resp: 384821
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.1 12.6 19.0

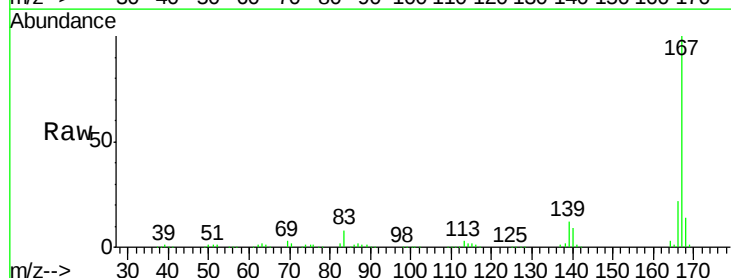


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

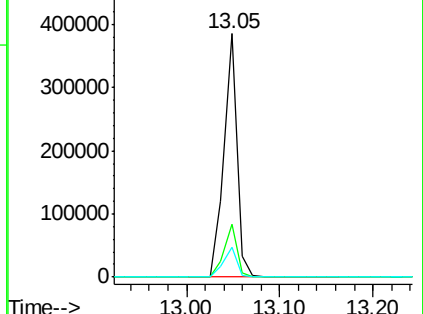
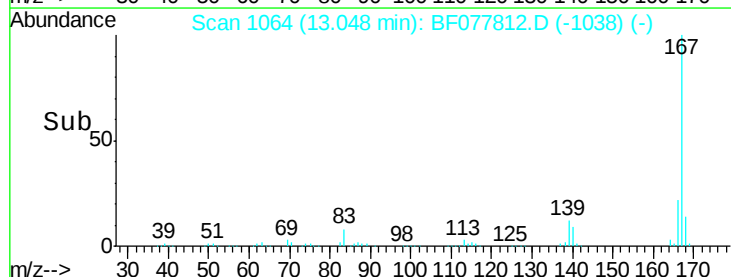


#72
 Carbazole
 Concen: 35.77 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:167 Resp: 374379
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.3 10.8 16.2



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

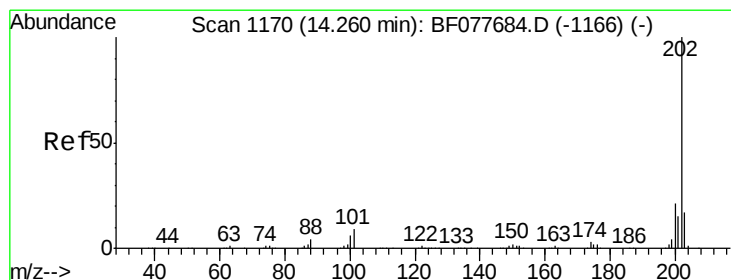
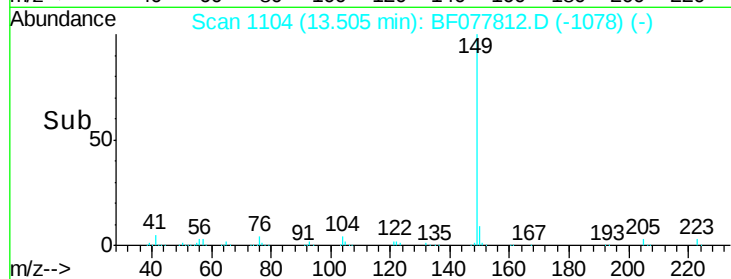
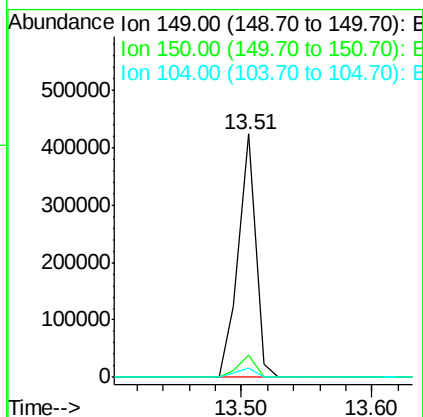
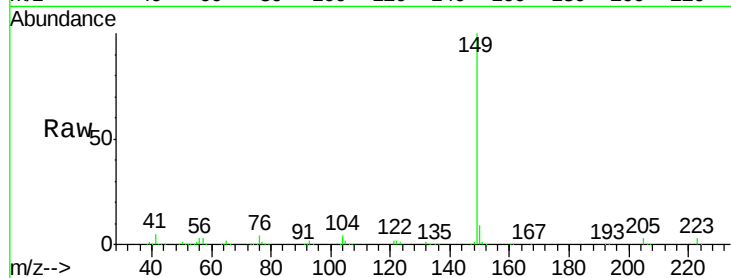




#73
Di-n-butylphthalate
Concen: 33.44 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

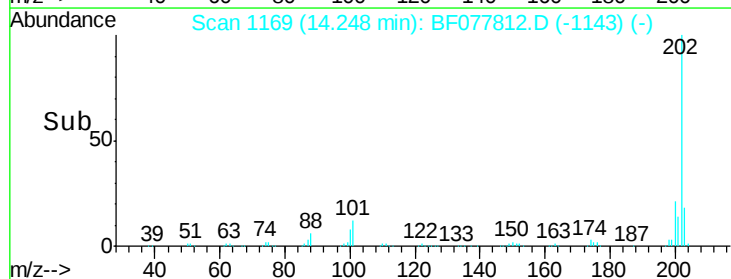
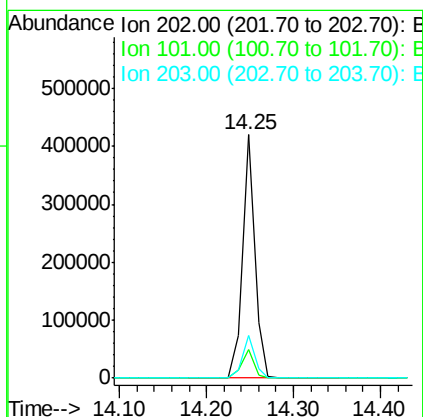
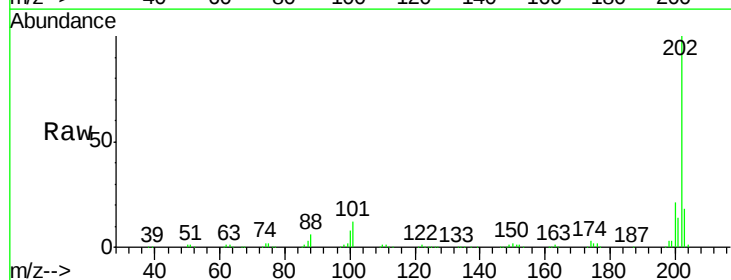
Instrument :
BNA_F
ClientSampleId :
PB82103BS

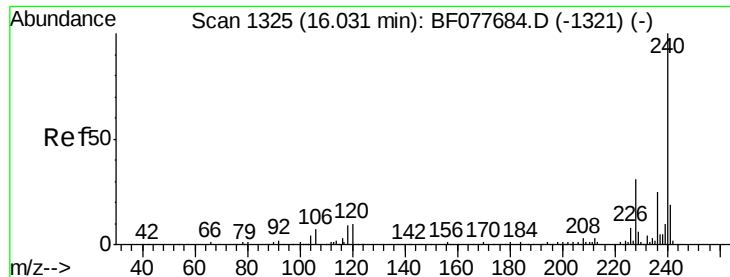
Tot Ion:149 Resp: 392502
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 3.9 3.7 5.5



#74
Fluoranthene
Concen: 33.33 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:202 Resp: 409469
Ion Ratio Lower Upper
202 100
101 11.6 0.0 28.7
203 17.6 0.0 37.2

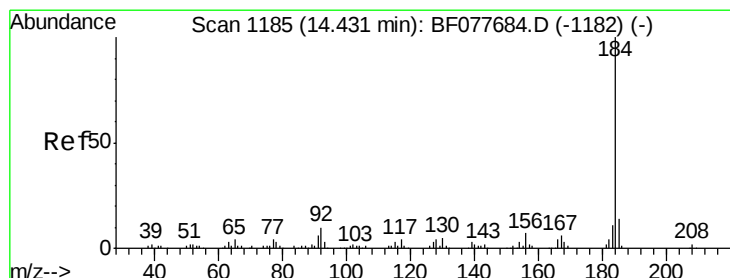
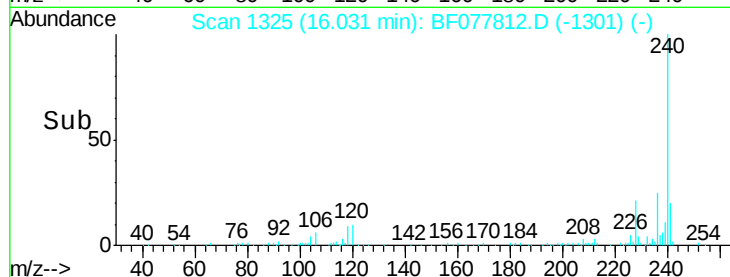
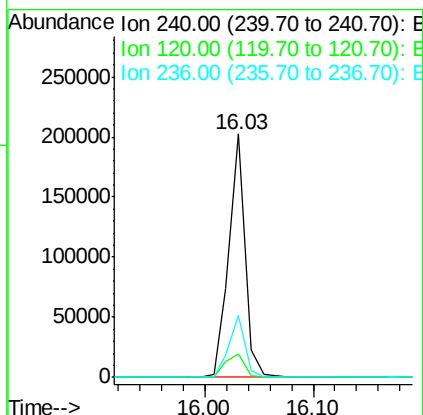
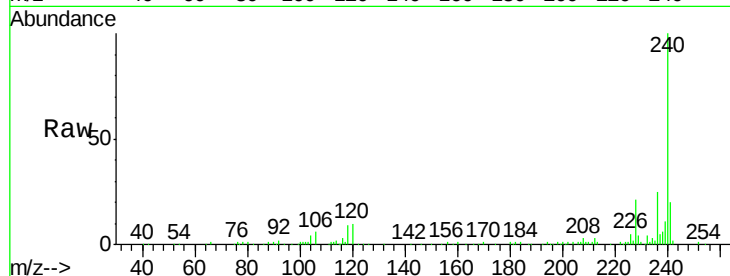




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

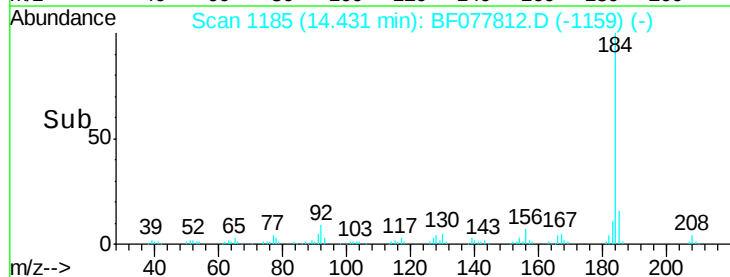
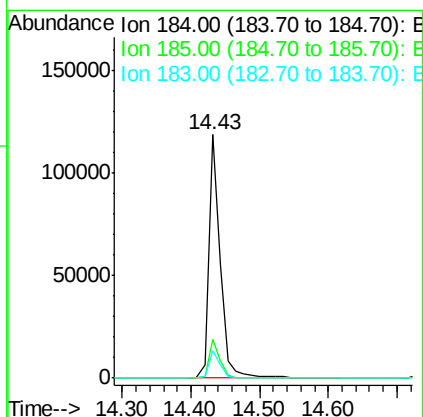
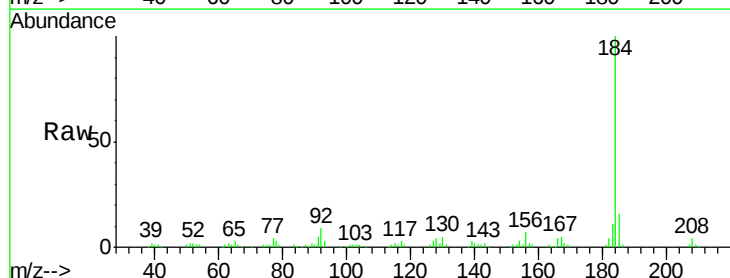
Instrument :
BNA_F
ClientSampled :
PB82103BS

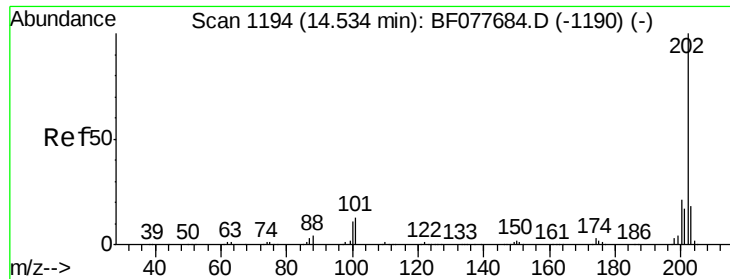
Tot Ion:240 Resp: 210992
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.2 20.0 30.0



#76
Benzidine
Concen: 26.28 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:184 Resp: 138011
Ion Ratio Lower Upper
184 100
185 16.1 11.3 16.9
183 11.0 8.9 13.3

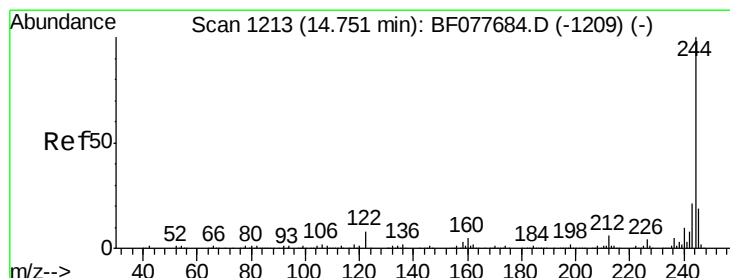
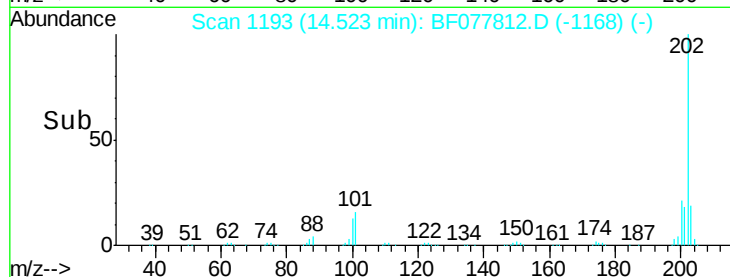
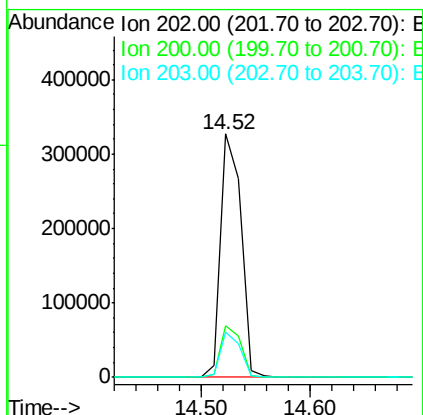
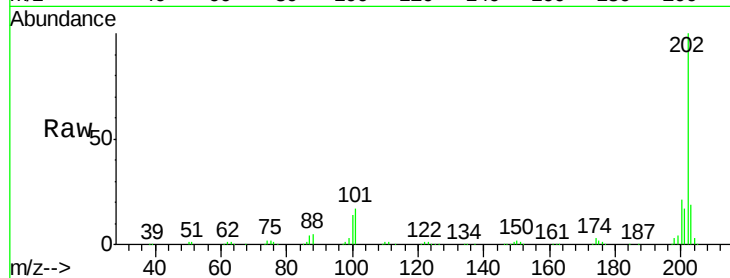




#77
Pvrene
Concen: 32.23 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

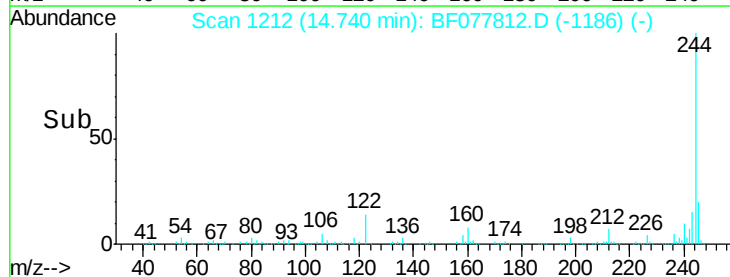
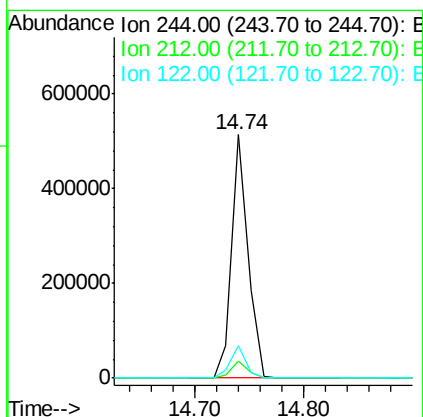
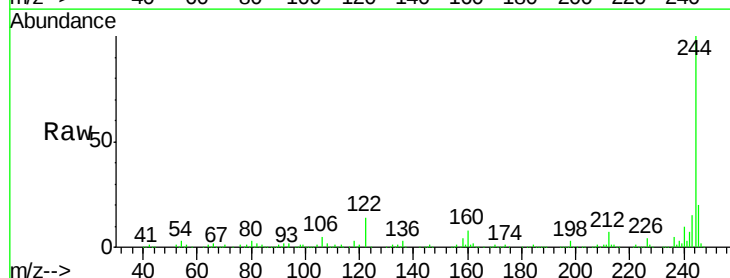
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:202 Resp: 427559
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 18.6 14.1 21.1



#78
Terphenyl-d14
Concen: 61.67 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:244 Resp: 532720
Ion Ratio Lower Upper
244 100
212 7.0 4.9 7.3
122 13.6 6.2 9.4#

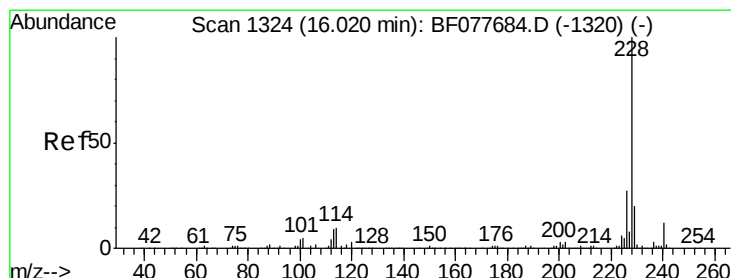
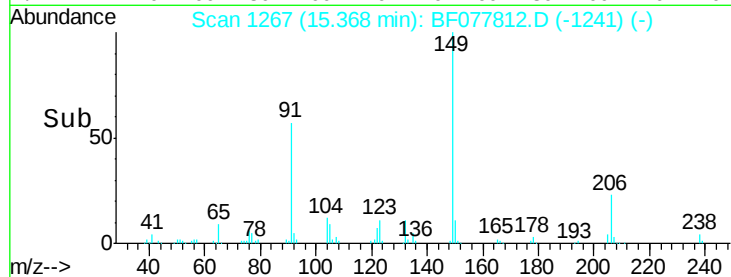
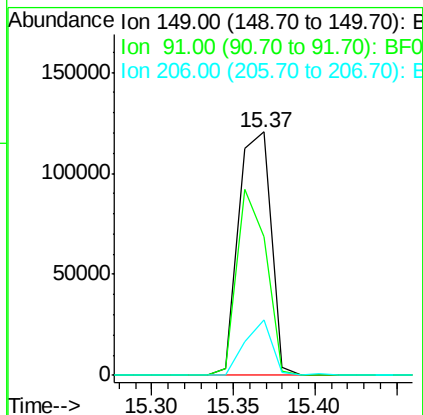
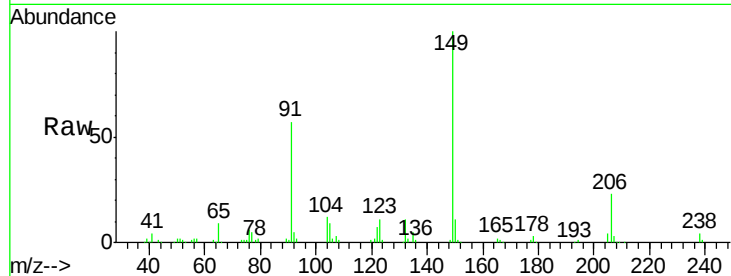




#79
Butylbenzylphthalate
Concen: 31.53 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

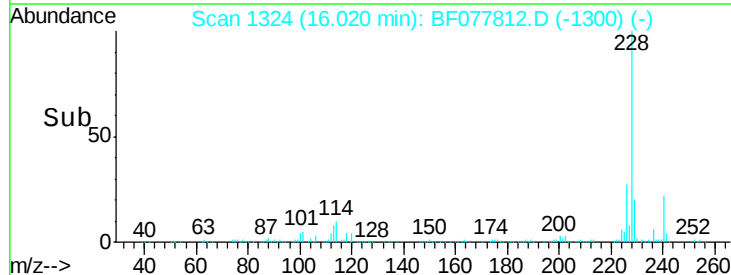
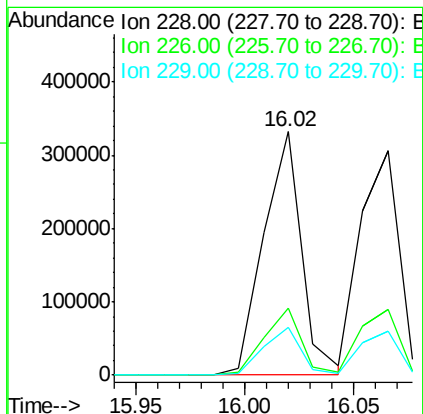
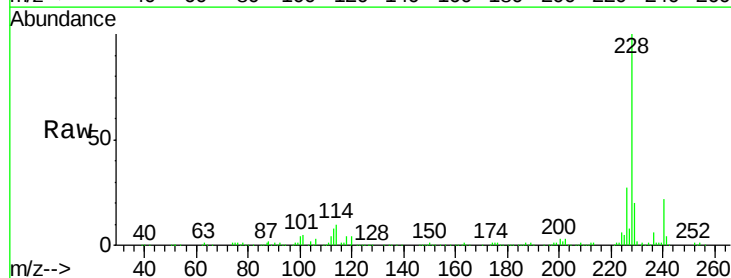
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:149 Resp: 164935
Ion Ratio Lower Upper
149 100
91 57.1 50.1 75.1
206 22.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 32.44 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:228 Resp: 405761
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 16.0 24.0

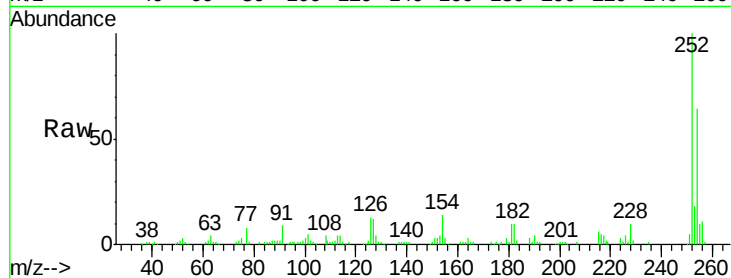




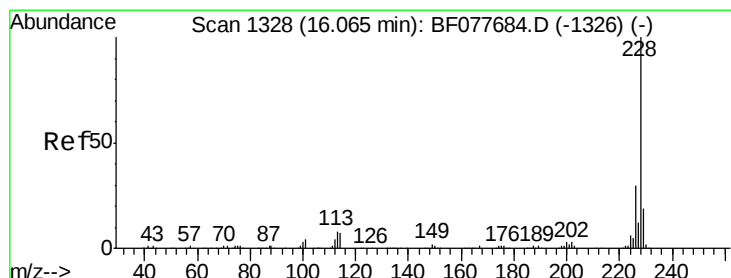
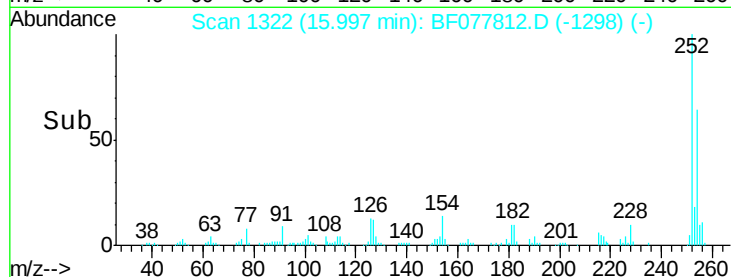
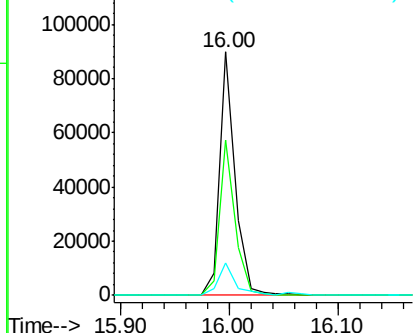
#81
 3,3'-Dichlorobenzidine
 Concen: 21.84 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:252 Resp: 90095
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.9 77.9
 126 13.1 9.8 14.8

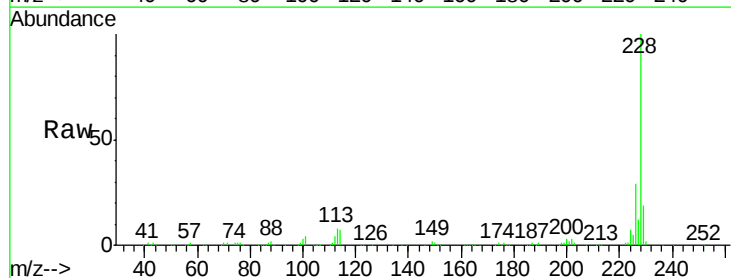


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

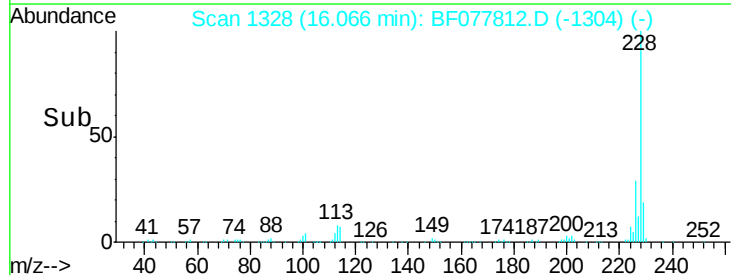
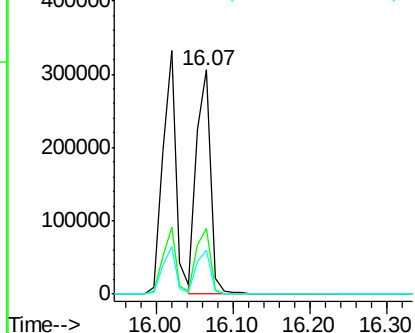


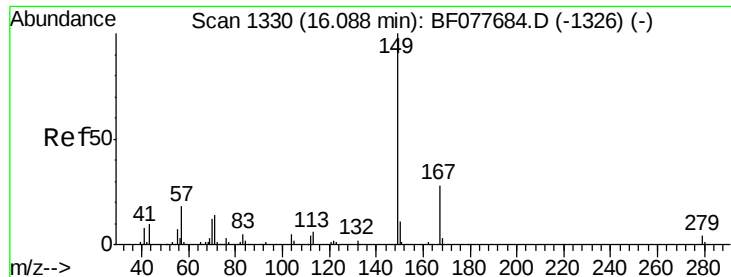
#82
 Chrysene
 Concen: 34.59 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:228 Resp: 388974
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 19.5 15.5 23.3



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

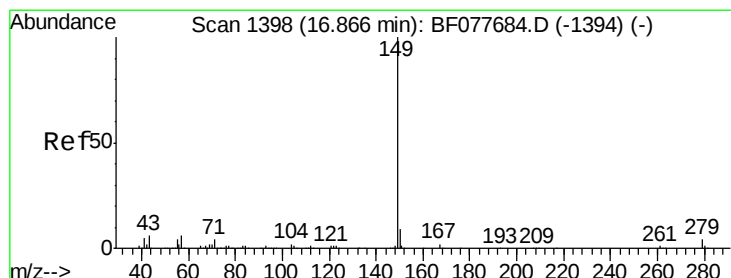
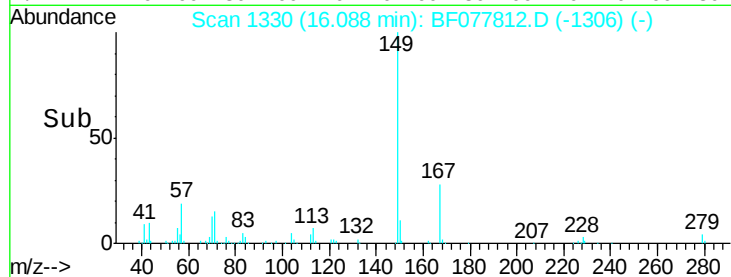
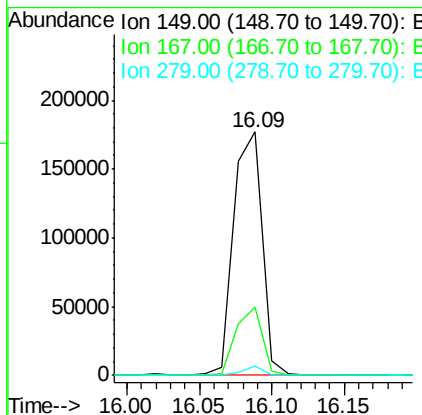
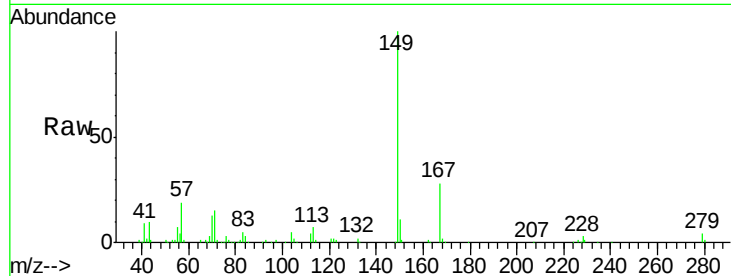




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.42 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

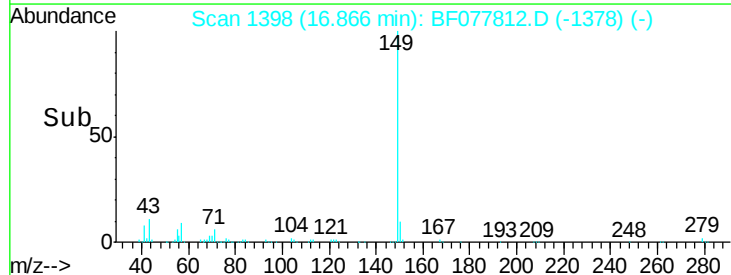
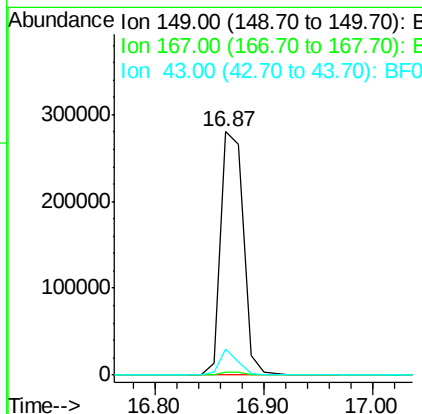
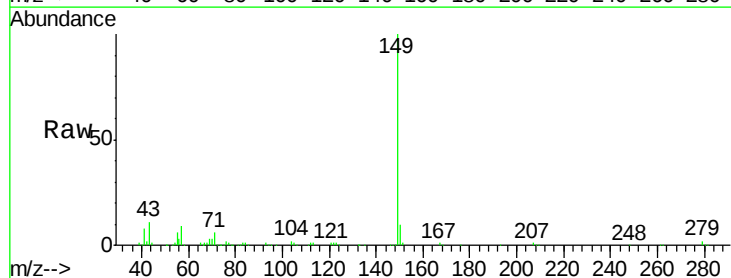
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.1	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 29.88 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. -0.07 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	7.3	10.9

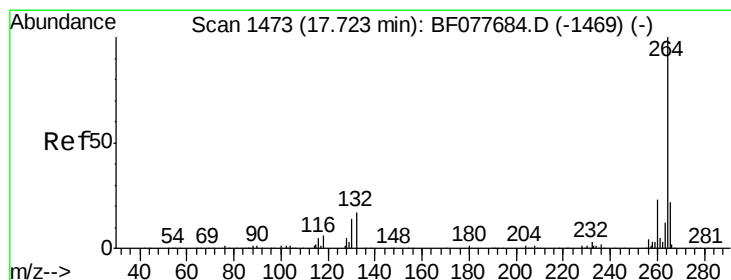
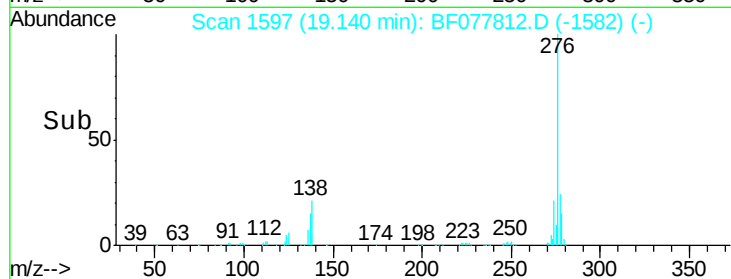
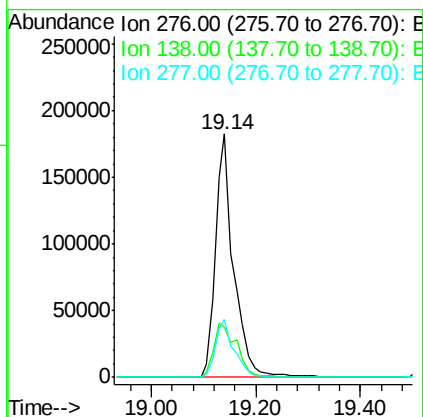
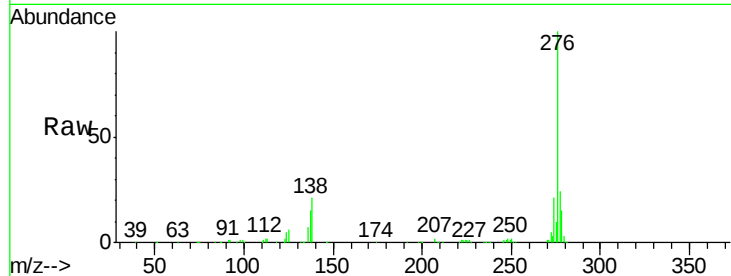




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.40 ng
 RT: 19.14 min Scan# 1597
 Delta R.T. -0.13 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

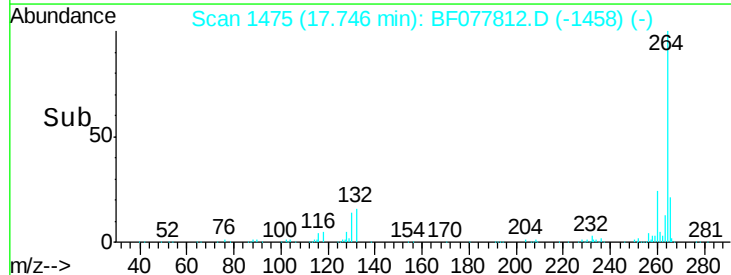
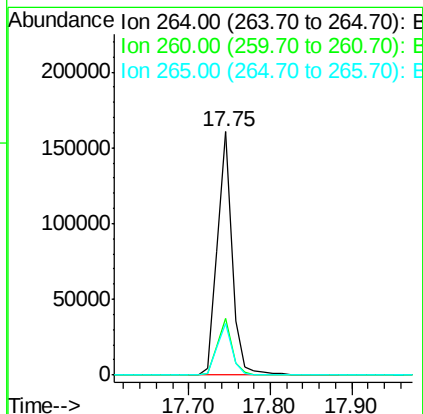
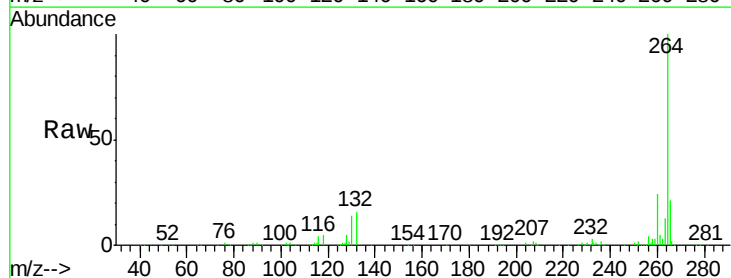
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

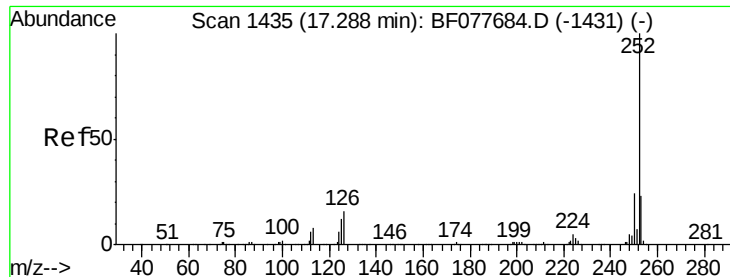
Tot Ion:276 Resp: 440746
 Ion Ratio Lower Upper
 276 100
 138 28.4 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.10 min
 Lab File: BF077812.D
 Acq: 19 Mar 2015 00:56

Tgt Ion:264 Resp: 202393
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 31.35 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.09 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

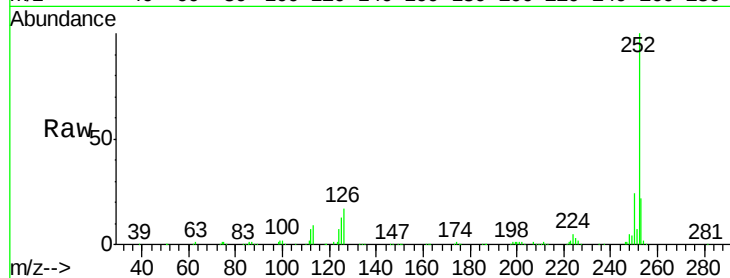
Tot Ion:252 Resp: 414276

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

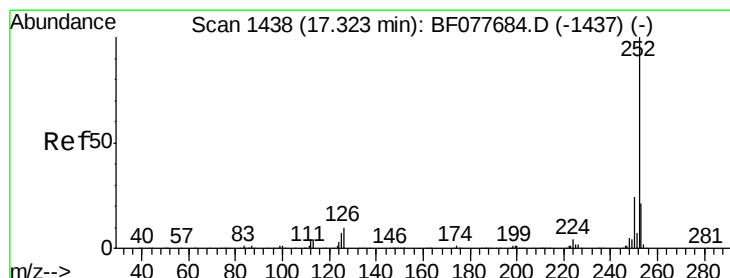
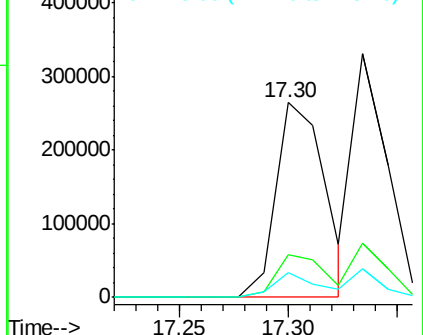
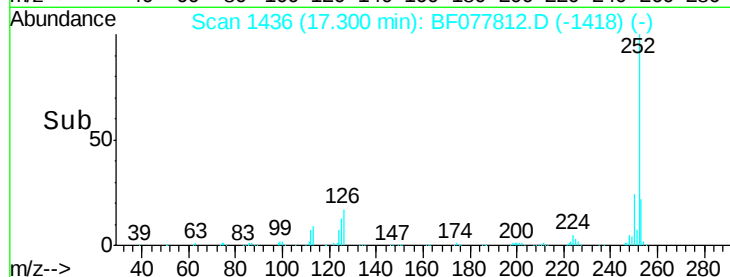
125 12.9 9.9 14.9



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: 36.85 ng

RT: 17.33 min Scan# 1439

Delta R.T. -0.09 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

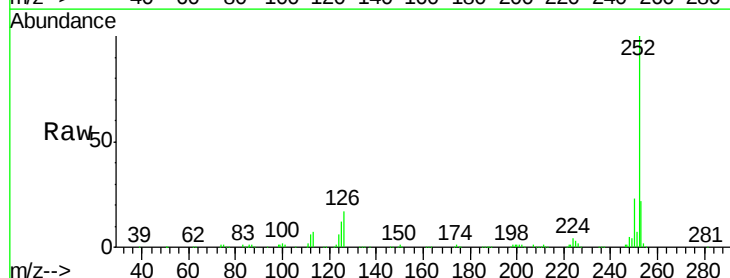
Tgt Ion:252 Resp: 380264

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

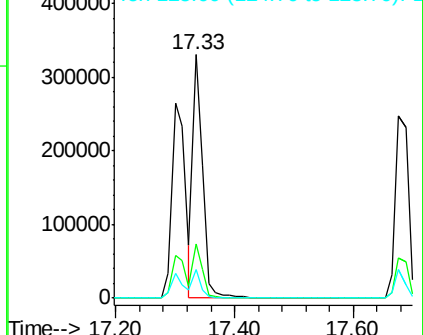
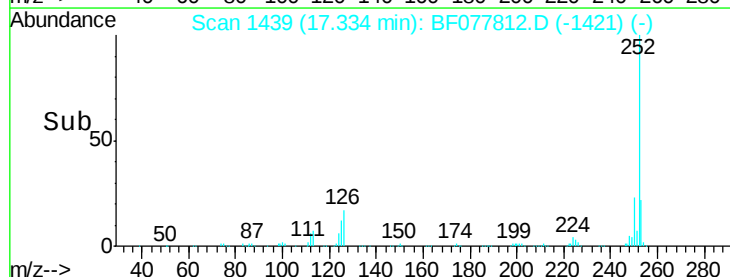
125 11.9 8.1 12.1



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

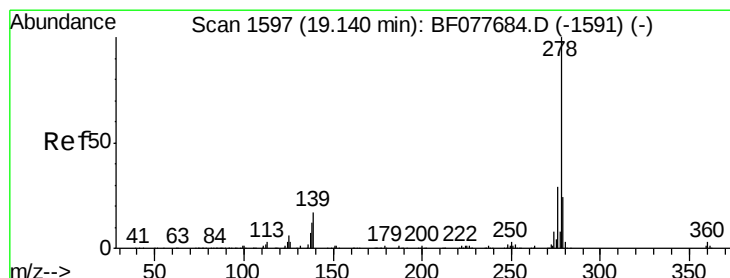
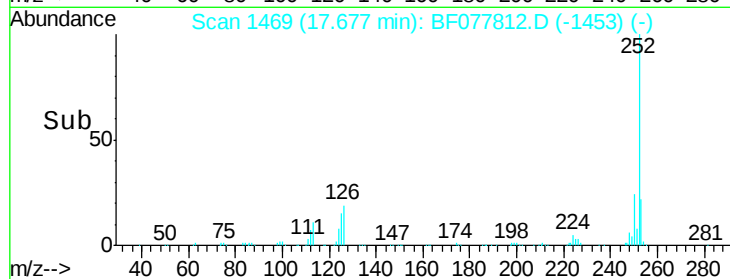
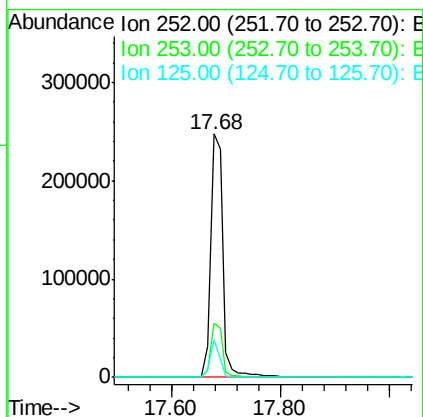
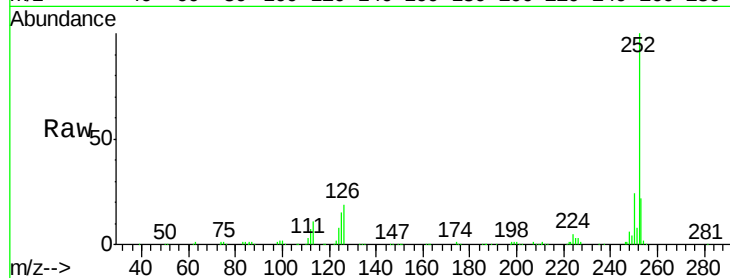




#89
Benzo(a)pyrene
Concen: 35.39 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.11 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

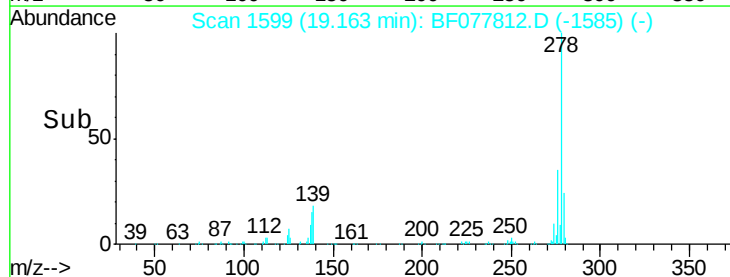
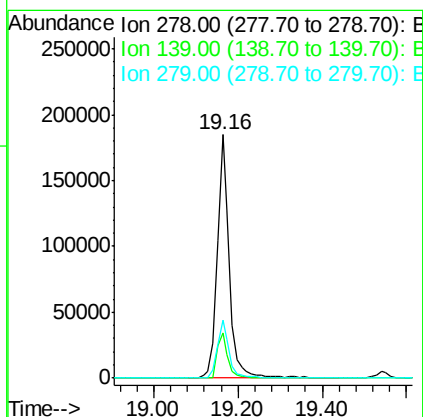
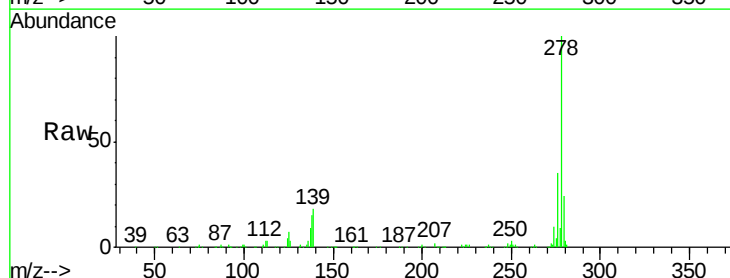
Instrument :
BNA_F
ClientSampleId :
PB82103BS

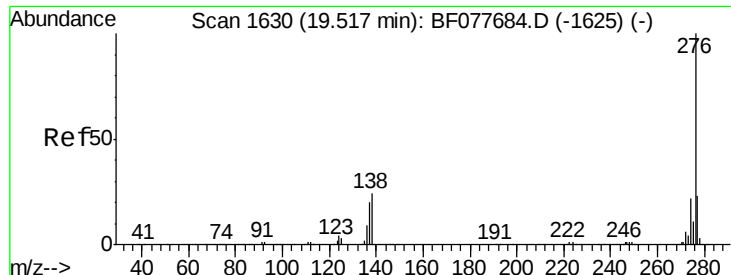
Tot Ion:252 Resp: 390119
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 15.4 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 33.83 ng
RT: 19.16 min Scan# 1599
Delta R.T. -0.14 min
Lab File: BF077812.D
Acq: 19 Mar 2015 00:56

Tgt Ion:278 Resp: 369911
Ion Ratio Lower Upper
278 100
139 18.3 13.4 20.0
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.88 ng

RT: 19.54 min Scan# 1632

Delta R.T. -0.14 min

Lab File: BF077812.D

Acq: 19 Mar 2015 00:56

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tot Ion:276 Resp: 377182

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 26.9 19.0 28.6

