

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078856.D
 Acq On : 30 Apr 2015 18:27
 Operator : TP/IZ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 19:02:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 18:26:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	82258	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	343483	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	160203	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	316912	20.00	ng	0.00
75) Chrysene-d12	16.26	240	330072	20.00	ng	-0.03
86) Perylene-d12	18.01	264	328025	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	23682	2.47	ng	0.00
7) Phenol-d6	6.91	99	30746	2.42	ng	-0.01
23) Nitrobenzene-d5	8.06	82	28611	2.38	ng	-0.01
41) 2,4,6-Tribromophenol	12.10	330	7255	2.04	ng	-0.01
44) 2-Fluorobiphenyl	10.30	172	63906	2.83	ng	0.00
78) Terphenyl-d14	14.97	244	75110	2.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	5592	2.69	ng	# 1
3) Pyridine	3.22	79	12987	2.14	ng	# 87
6) Aniline	6.96	93	22150	2.48	ng	100
8) 2-Chlorophenol	7.10	128	13872	2.57	ng	95
9) Benzaldehyde	6.82	77	11966	2.87	ng	93
10) Phenol	6.92	94	18316	2.50	ng	93
11) bis(2-Chloroethyl)ether	7.05	93	13948	2.61	ng	98
12) 1,3-Dichlorobenzene	7.29	146	16828	2.81	ng	98
13) 1,4-Dichlorobenzene	7.39	146	16888	2.73	ng	98
14) 1,2-Dichlorobenzene	7.58	146	15195	2.62	ng	95
15) Benzyl Alcohol	7.54	79	11416	2.42	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.72	45	22165	2.73	ng	97
17) 2-Methylphenol	7.68	107	10654	2.43	ng	93
18) Hexachloroethane	8.00	117	5321	2.46	ng	98
19) n-Nitroso-di-n-propylamine	7.87	70	10780	2.53	ng	93
20) 3+4-Methylphenols	7.87	107	13778	2.35	ng	93
22) Acetophenone	7.87	105	20955	2.74	ng	99
24) Nitrobenzene	8.08	77	13893	2.32	ng	# 98
25) Isophorone	8.38	82	27263	2.45	ng	95
26) 2-Nitrophenol	8.48	139	4301	1.67	ng	# 86
27) 2,4-Dimethylphenol	8.54	122	11463	2.31	ng	91
28) bis(2-Chloroethoxy)methane	8.66	93	16211	2.35	ng	95
29) 2,4-Dichlorophenol	8.76	162	9947	2.25	ng	94
30) 1,2,4-Trichlorobenzene	8.88	180	12489	2.62	ng	95
31) Naphthalene	8.97	128	44914	2.79	ng	99
33) 4-Chloroaniline	9.04	127	17037	2.45	ng	98
34) Hexachlorobutadiene	9.13	225	7543	2.78	ng	95
35) Caprolactam	9.44	113	2774	1.97	ng	# 88
36) 4-Chloro-3-methylphenol	9.63	107	9701	2.06	ng	96
37) 2-Methylnaphthalene	9.83	142	28896	2.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	11830	2.64	ng	# 100
40) Hexachlorocyclopentadiene	10.02	237	4559	2.01	ng	99
42) 2,4,6-Trichlorophenol	10.18	196	6829	2.16	ng	96
43) 2,4,5-Trichlorophenol	10.22	196	7299	2.30	ng	98

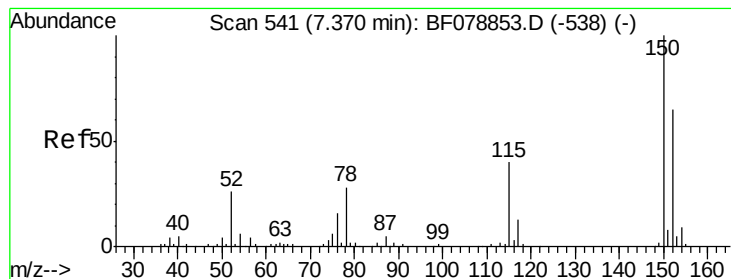
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 18:26:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.41	154	34298	2.73	nq	99
46) 2-Chloronaphthalene	10.43	162	27163	2.78	nq	99
47) 2-Nitroaniline	10.56	65	5973	2.02	nq	96
48) Acenaphthylene	10.95	152	41743	2.57	nq	97
49) Dimethylphthalate	10.80	163	31655	2.73	nq	98
50) 2,6-Dinitrotoluene	10.87	165	4545	1.96	nq	92
51) Acenaphthene	11.16	154	25792	2.68	nq	96
52) 3-Nitroaniline	11.07	138	6509	2.21	nq	97
53) 2,4-Dinitrophenol	11.20	184	241	0.36	nq	# 68
54) Dibenzofuran	11.38	168	38603	2.79	nq	95
55) 4-Nitrophenol	11.27	139	4048	1.76	nq	# 86
56) 2,4-Dinitrotoluene	11.36	165	5039	1.64	nq	# 95
57) Fluorene	11.80	166	30713	2.69	nq	95
58) 2,3,4,6-Tetrachlorophenol	11.53	232	5420	2.11	nq	# 100
59) Diethylphthalate	11.68	149	29403	2.53	nq	98
60) 4-Chlorophenyl-phenylether	11.82	204	13289	2.61	nq	97
61) 4-Nitroaniline	11.82	138	6010	2.02	nq	89
62) Azobenzene	12.01	77	27479	2.38	nq	95
64) 4,6-Dinitro-2-methylphenol	11.86	198	959	0.76	nq	87
65) n-Nitrosodiphenylamine	11.95	169	25470	2.40	nq	97
66) 4-Bromophenyl-phenylether	12.42	248	8518	2.59	nq	96
67) Hexachlorobenzene	12.48	284	9727	2.59	nq	95
68) Atrazine	12.63	200	7109	2.29	nq	90
69) Pentachlorophenol	12.73	266	1930	1.02	nq	96
70) Phenanthrene	12.99	178	47353	2.70	nq	98
71) Anthracene	13.06	178	42757	2.45	nq	99
72) Carbazole	13.27	167	41713	2.52	nq	96
73) Di-n-butylphthalate	13.71	149	43348	2.13	nq	98
74) Fluoranthene	14.48	202	44673	2.41	nq	94
76) Benzidine	14.65	184	18904	2.07	nq	96
77) Pyrene	14.77	202	47955	2.52	nq	99
79) Butylbenzylphthalate	15.59	149	15193	1.75	nq	# 81
80) Benzo(a)anthracene	16.25	228	44360	2.45	nq	97
81) 3,3'-Dichlorobenzidine	16.23	252	12889	1.94	nq	# 98
82) Chrysene	16.30	228	49838	2.94	nq	95
83) Bis(2-ethylhexyl)phthalate	16.31	149	23653	1.80	nq	98
84) Di-n-octyl phthalate	17.11	149	33938	1.53	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.52	276	51399	2.29	nq	# 100
87) Benzo(b)fluoranthene	17.55	252	47209	2.65	nq	98
88) Benzo(k)fluoranthene	17.59	252	39845	2.26	nq	97
89) Benzo(a)pyrene	17.94	252	40965	2.47	nq	# 97
90) Dibenzo(a,h)anthracene	19.55	278	42087	2.38	nq	97
91) Benzo(g,h,i)perylene	19.97	276	43652	2.48	nq	99

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

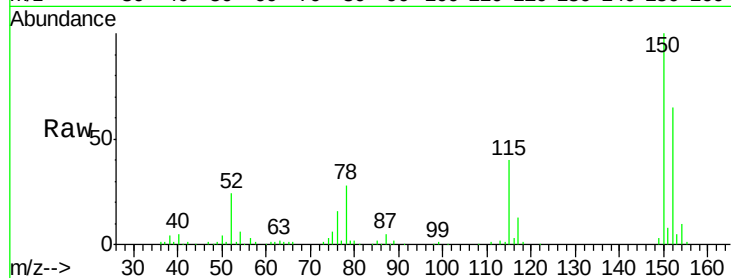


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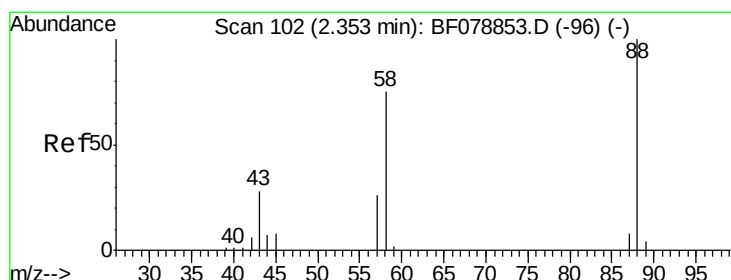
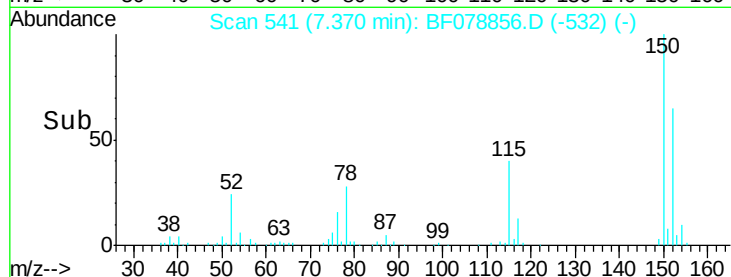
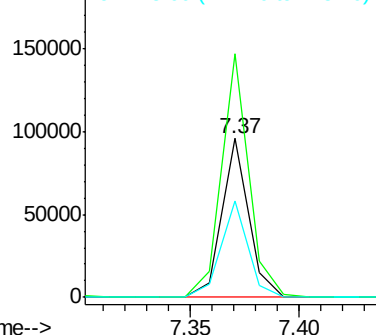
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82258
Ion Ratio Lower Upper
152 100
150 153.1 122.0 183.0
115 60.8 46.3 69.5



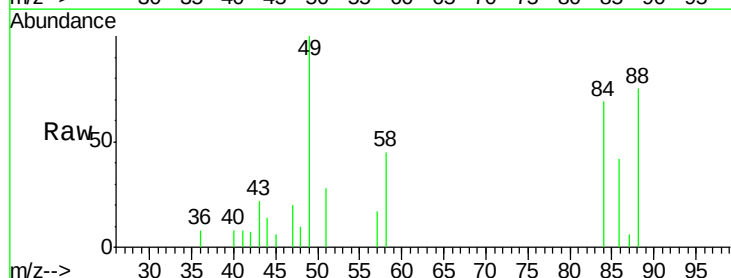
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



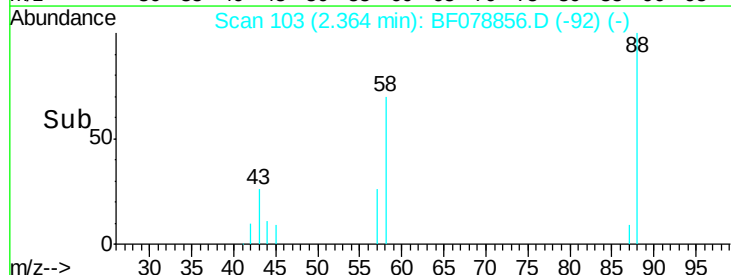
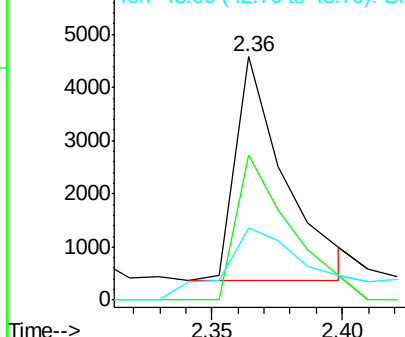
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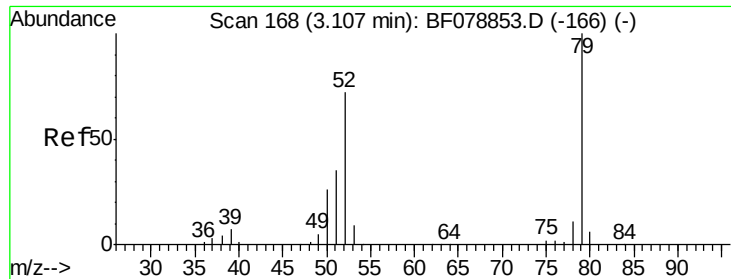
1,4-Dioxane
Concen: 2.69 ng
RT: 2.36 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion: 88 Resp: 5592
Ion Ratio Lower Upper
88 100
58 71.6 0.0 0.0#
43 52.3 3.3 4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

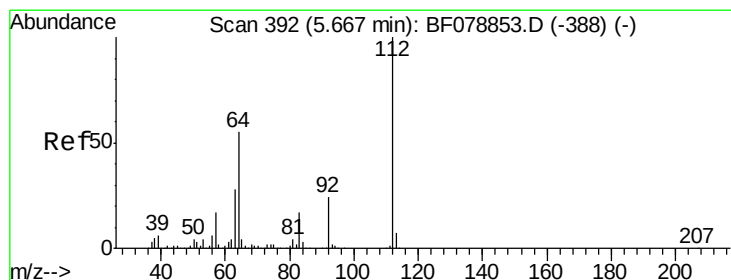
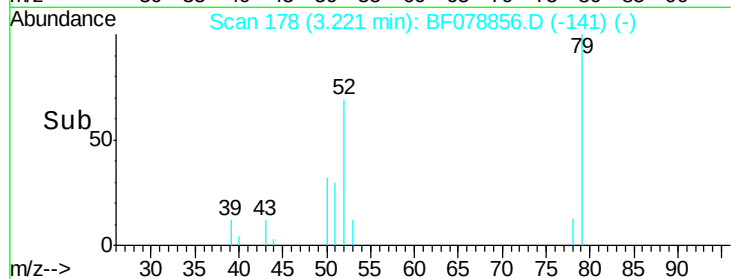
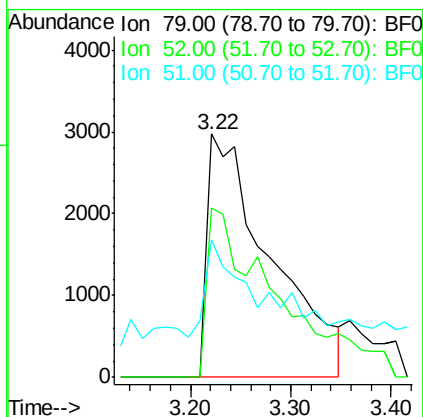
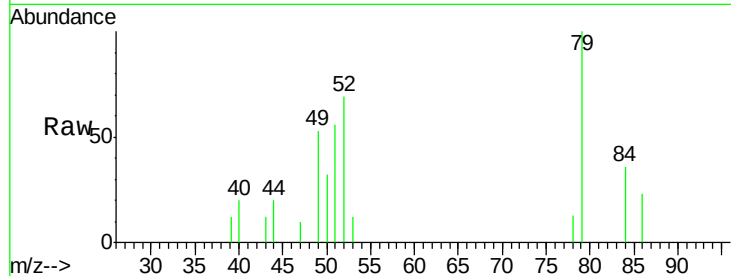




#3
 Pvridine
 Concen: 2.14 ng
 RT: 3.22 min Scan# 178
 Delta R.T. 0.13 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

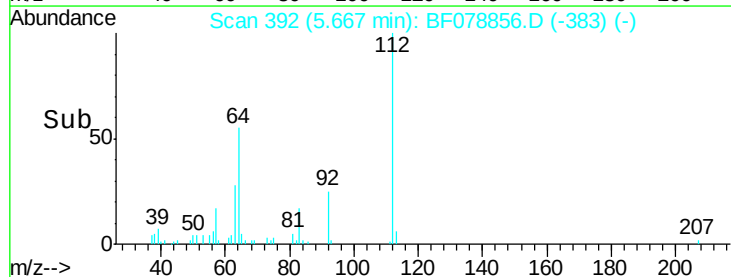
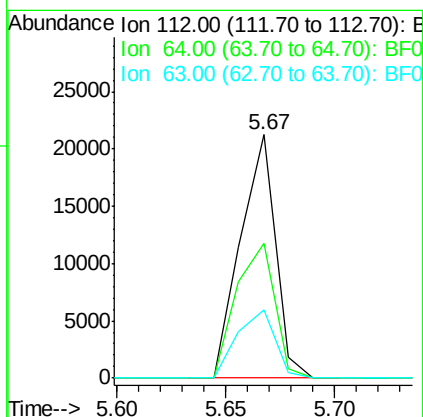
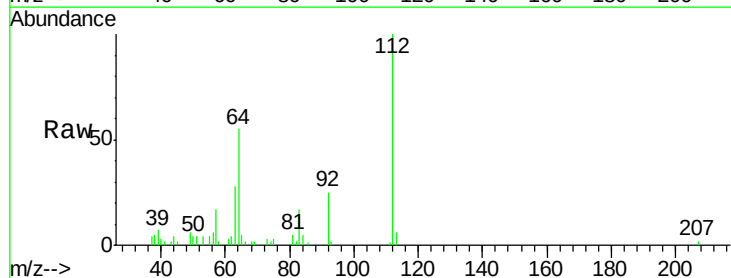
Instrument :
 BNA_F
 ClientSampleId :

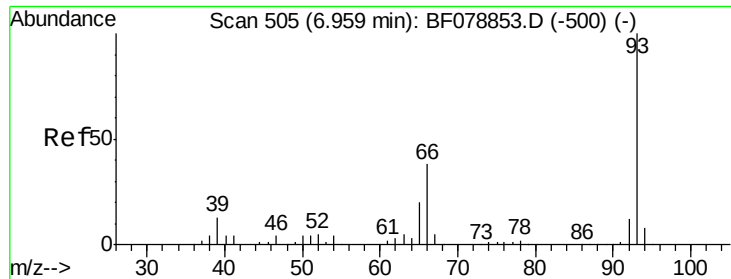
Tot Ion: 79 Resp: 12987
 Ion Ratio Lower Upper
 79 100
 52 69.4 57.2 85.8
 51 56.3 28.9 43.3#



#5
 2-Fluorophenol
 Concen: 2.47 ng
 RT: 5.67 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion: 112 Resp: 23682
 Ion Ratio Lower Upper
 112 100
 64 55.1 53.5 80.3
 63 27.8 27.5 41.3





#6

Aniline

Concen: 2.48 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

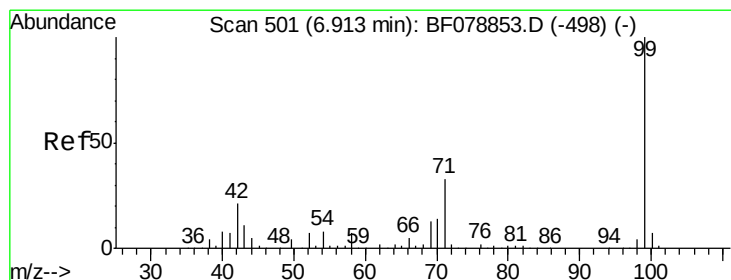
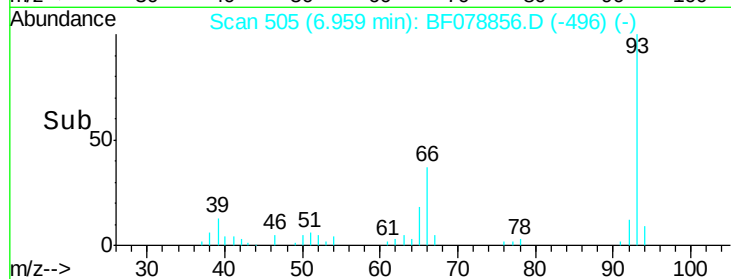
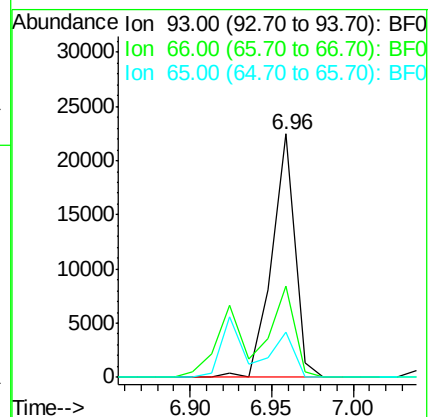
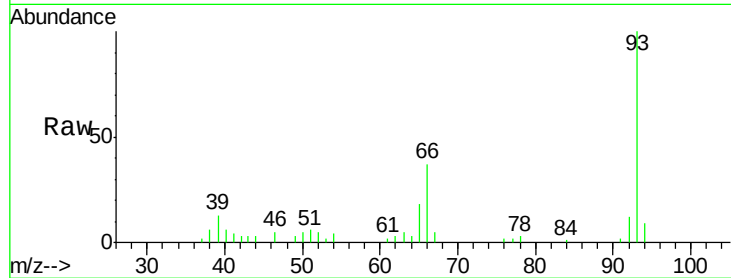
Tot Ion: 93 Resp: 22150

Ion Ratio Lower Upper

93 100

66 37.3 29.7 44.5

65 18.5 14.6 22.0



#7

Phenol-d6

Concen: 2.42 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

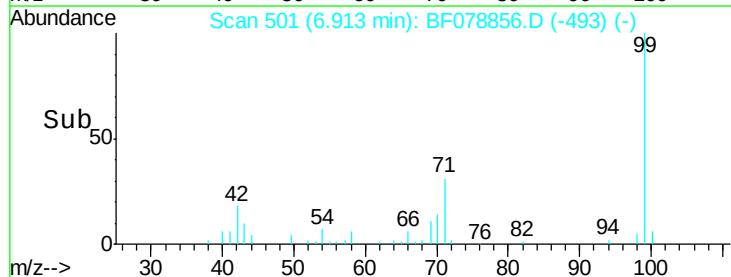
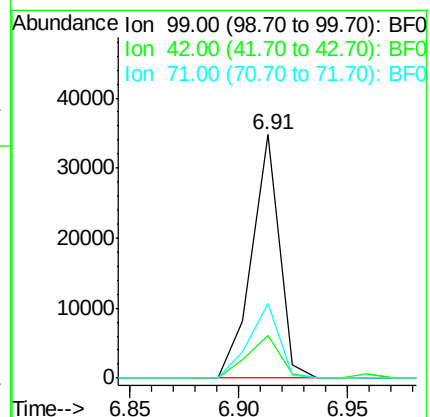
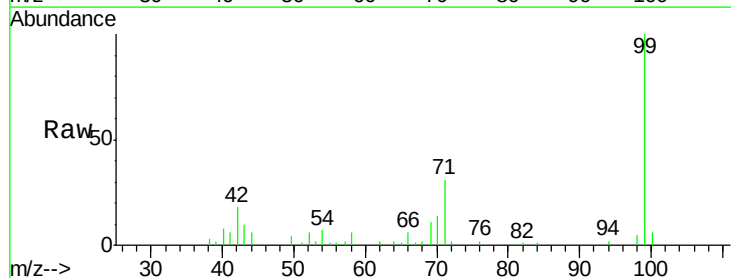
Tgt Ion: 99 Resp: 30746

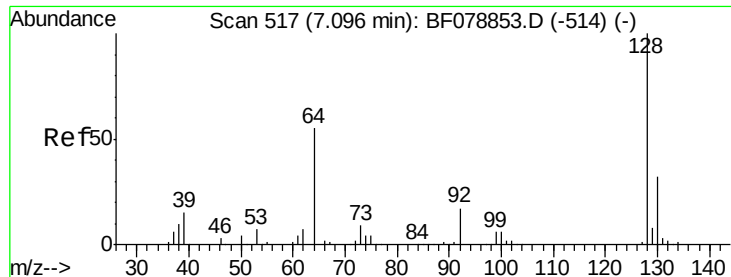
Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

71 30.7 23.4 35.2





#8

2-Chlorophenol

Concen: 2.57 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

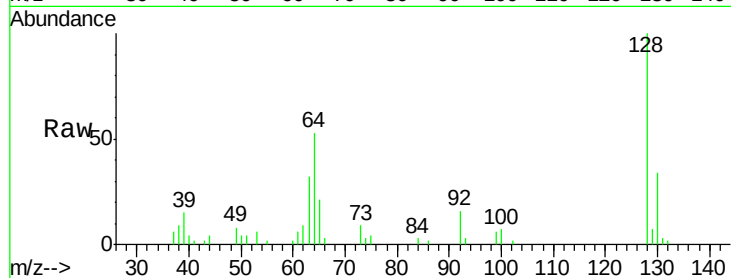
Tot Ion:128 Resp: 13872

Ion Ratio Lower Upper

128 100

130 34.1 12.1 52.1

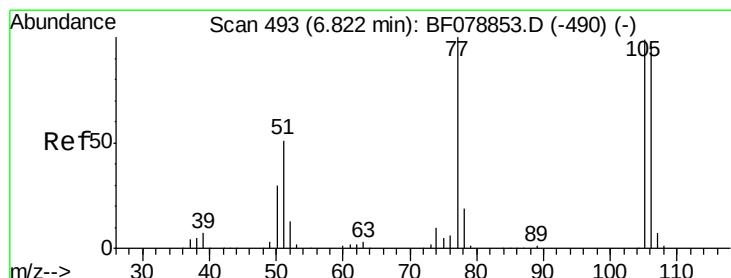
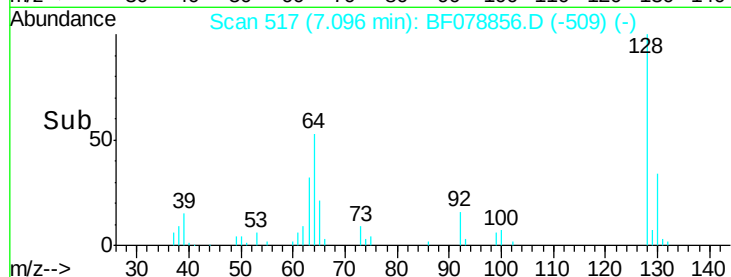
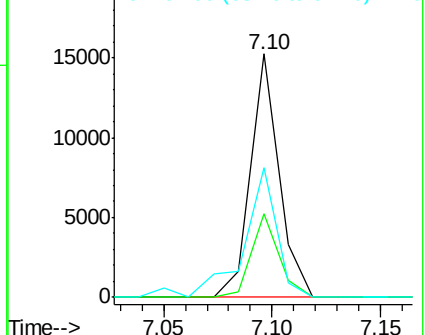
64 53.1 29.6 69.6



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): E



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

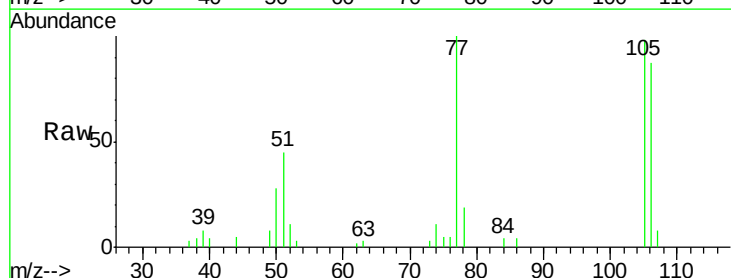
Tgt Ion: 77 Resp: 11966

Ion Ratio Lower Upper

77 100

105 98.4 81.7 121.7

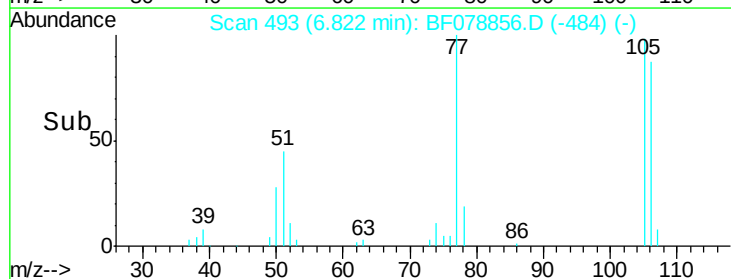
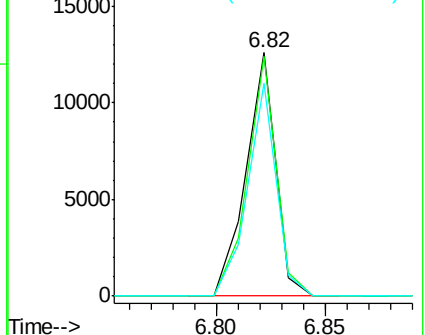
106 87.4 79.0 119.0

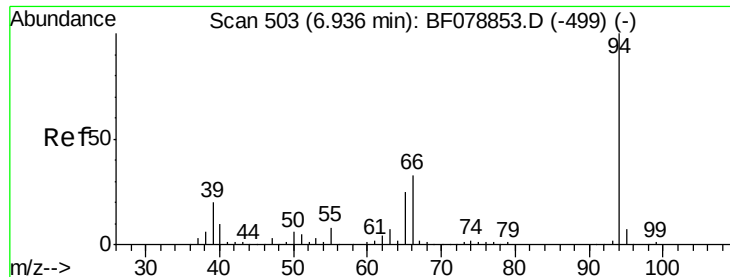


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.50 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

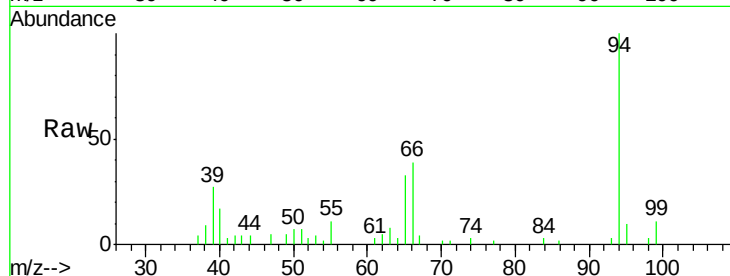
Tot Ion: 94 Resp: 18316

Ion Ratio Lower Upper

94 100

65 33.1 8.5 48.5

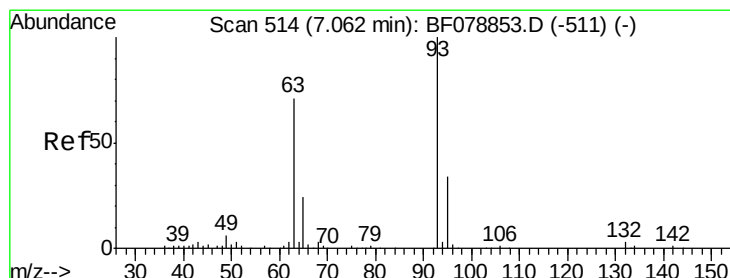
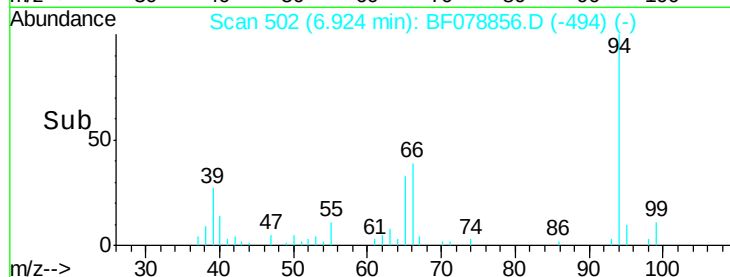
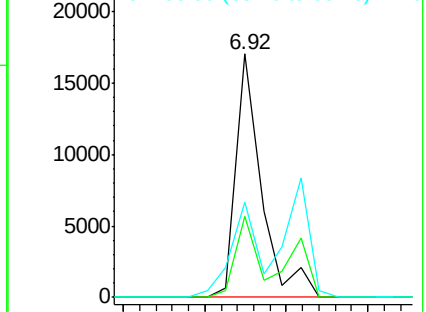
66 39.3 16.0 56.0



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: 2.61 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

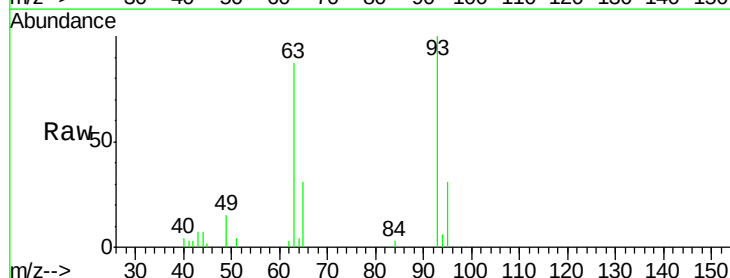
Tgt Ion: 93 Resp: 13948

Ion Ratio Lower Upper

93 100

63 86.6 64.8 104.8

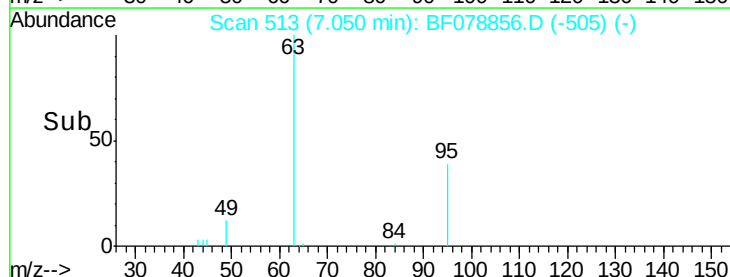
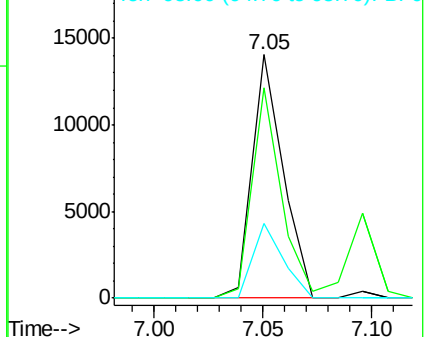
95 30.7 12.4 52.4

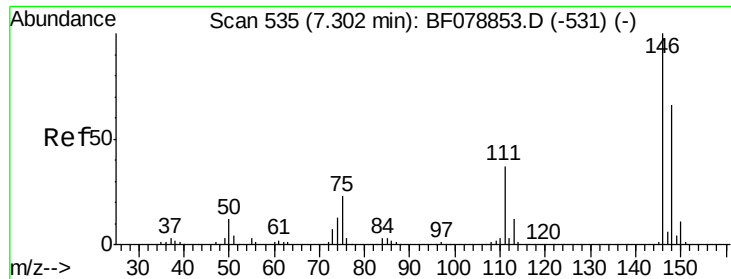


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

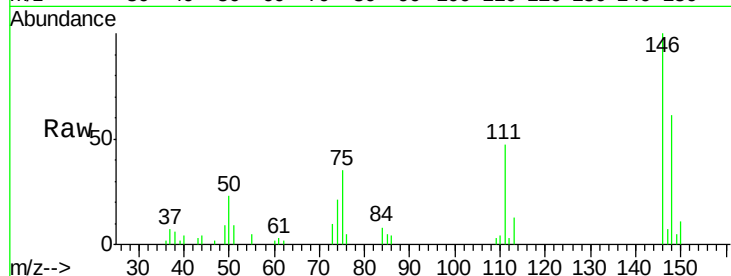




#12
 1,3-Dichlorobenzene
 Concen: 2.81 ng
 RT: 7.29 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.2	75.2
75	35.5	29.2	43.8

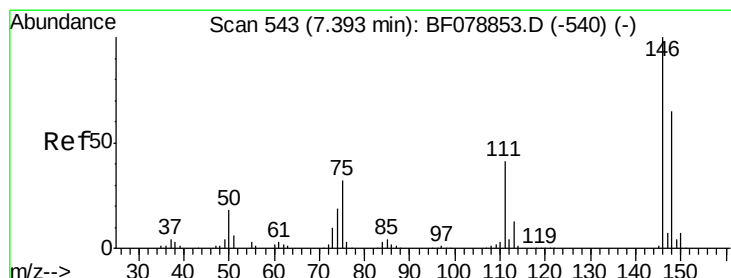
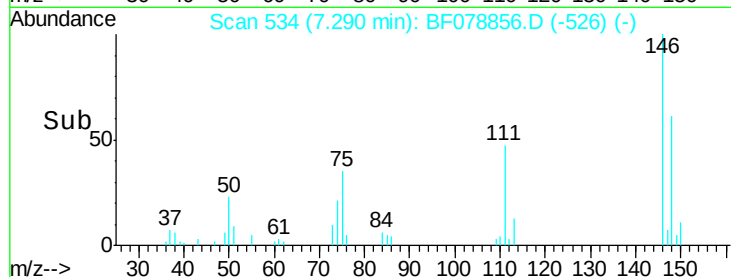
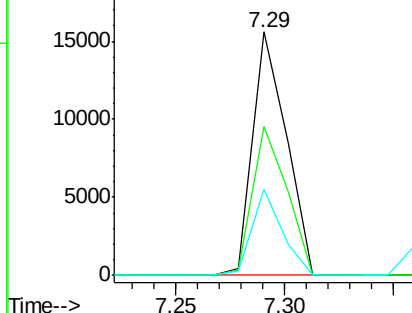


Abundance

Ion 146.00 (145.70 to 146.70): E

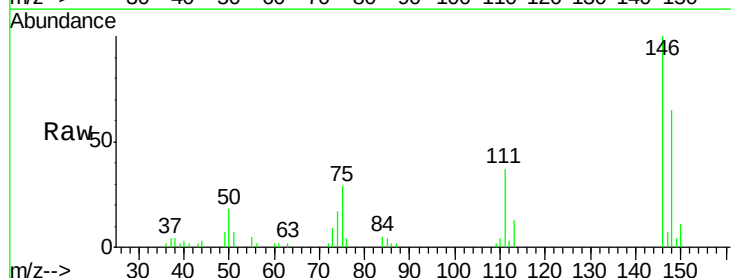
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13
 1,4-Dichlorobenzene
 Concen: 2.73 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
111	37.3	31.7	47.5

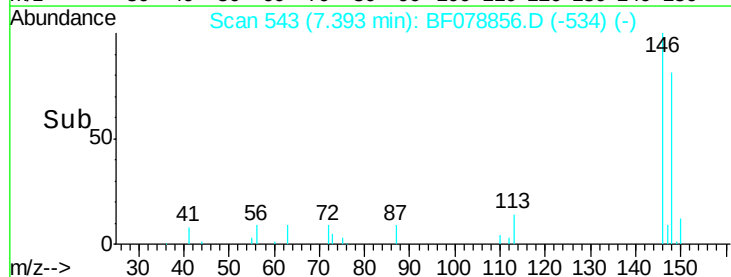
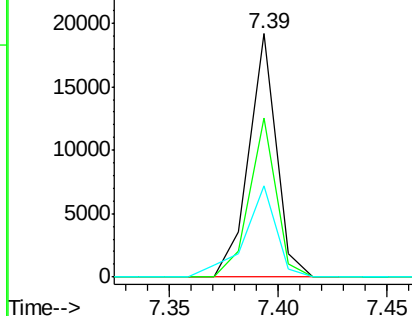


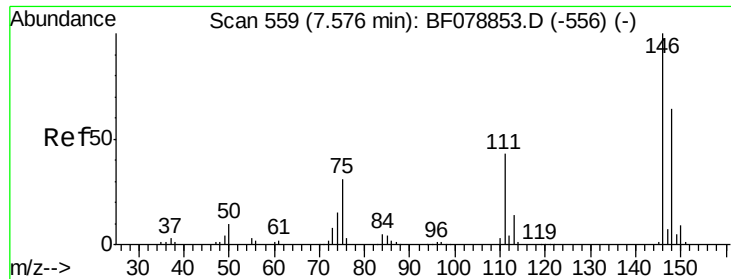
Abundance

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

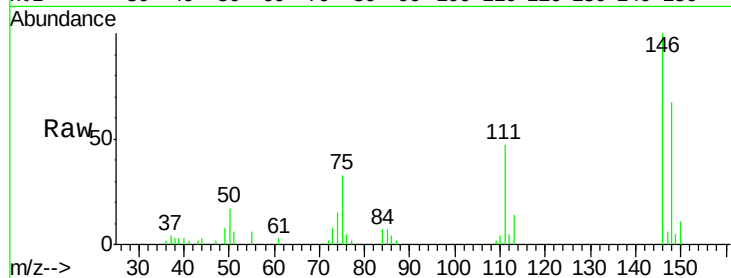




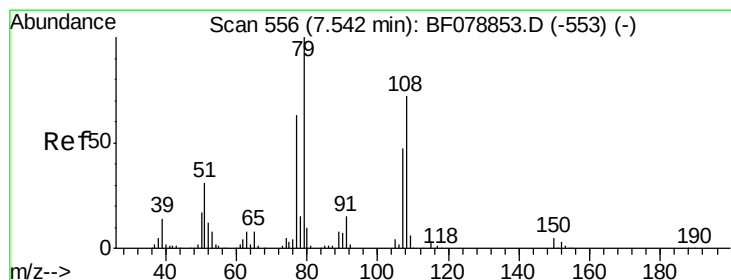
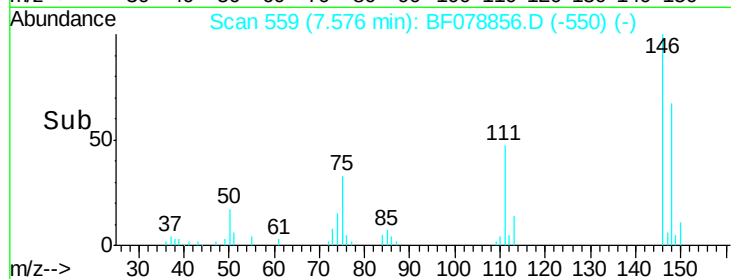
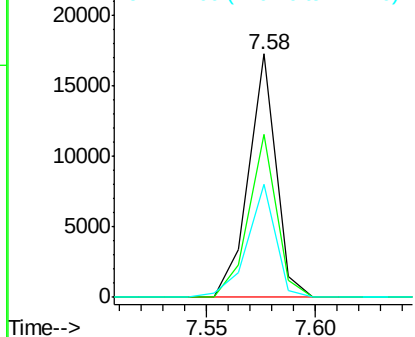
#14
 1,2-Dichlorobenzene
 Concen: 2.62 ng
 RT: 7.58 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 15195
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.2 76.8
 111 46.6 33.3 49.9

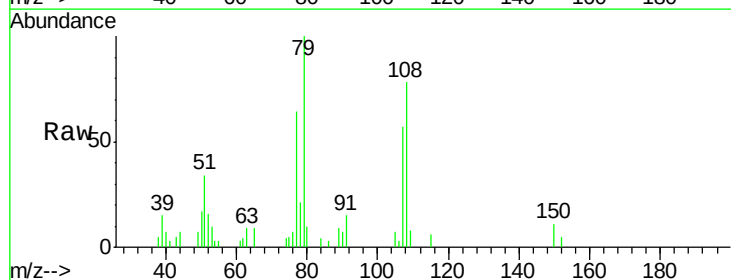


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

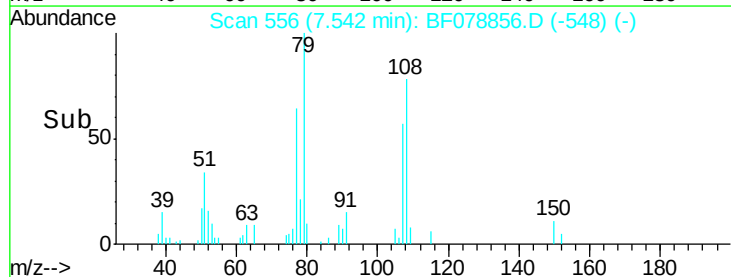
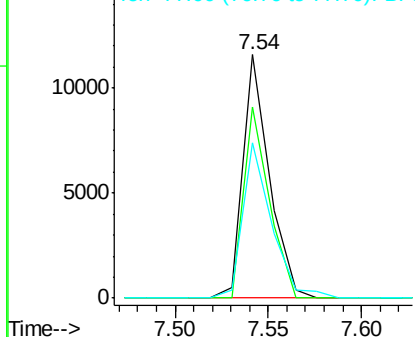


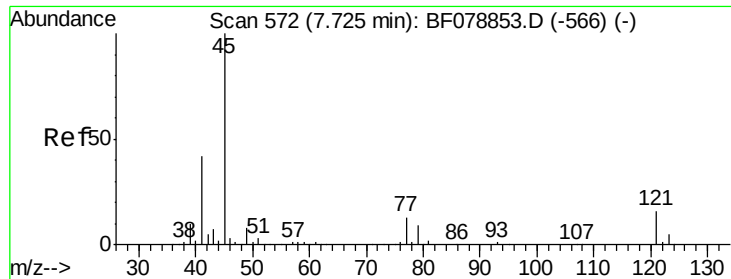
#15
 Benzyl Alcohol
 Concen: 2.42 ng
 RT: 7.54 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion: 79 Resp: 11416
 Ion Ratio Lower Upper
 79 100
 108 78.5 62.5 93.7
 77 63.6 52.2 78.4



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





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 2.73 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

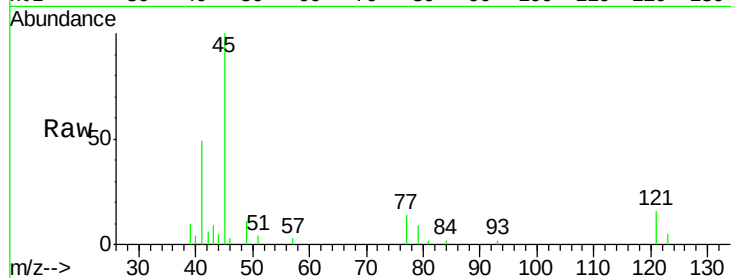
Tot Ion: 45 Resp: 22165

Ion Ratio Lower Upper

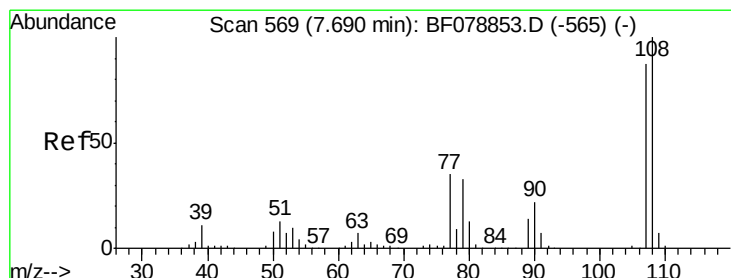
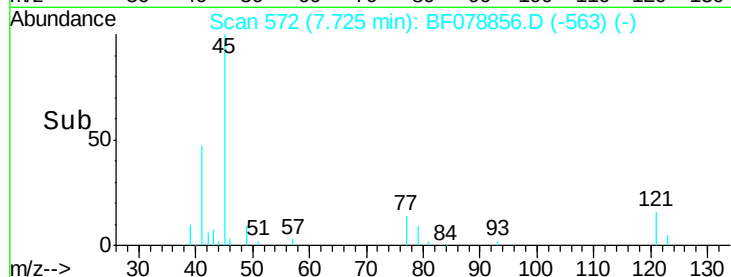
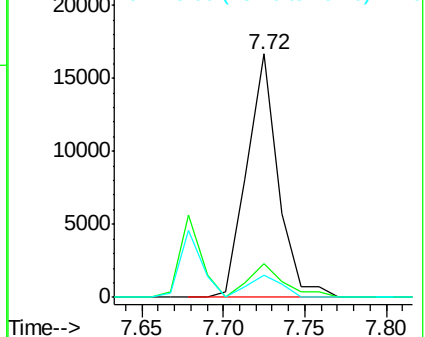
45 100

77 13.9 0.0 32.3

79 9.1 0.0 30.1



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



#17

2-Methylphenol

Concen: 2.43 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Tgt Ion: 107 Resp: 10654

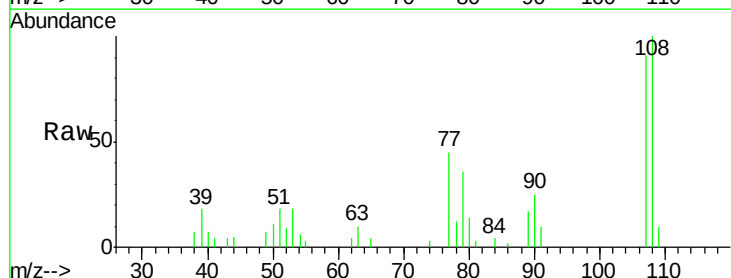
Ion Ratio Lower Upper

107 100

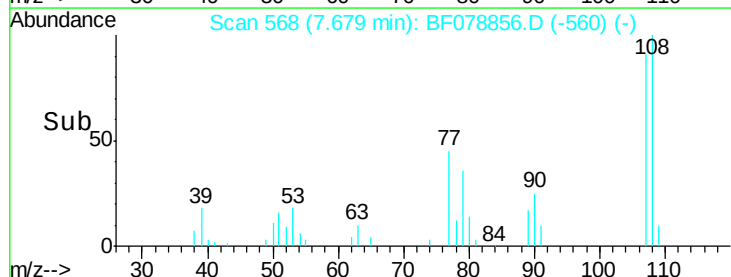
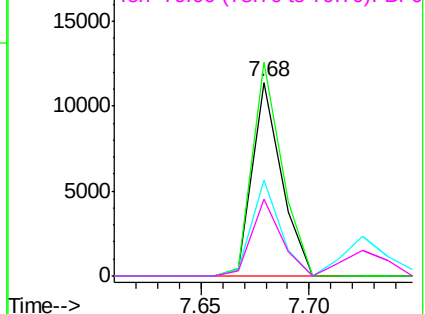
108 110.3 94.9 142.3

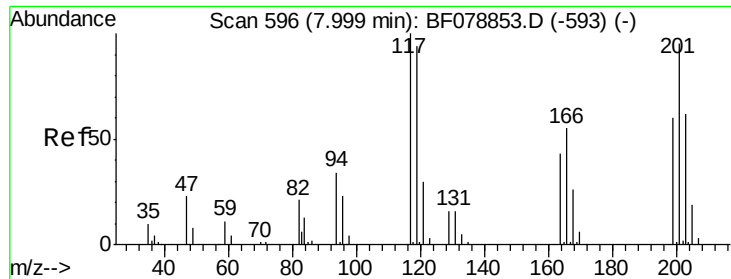
77 49.7 36.2 54.4

79 39.8 35.2 52.8



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

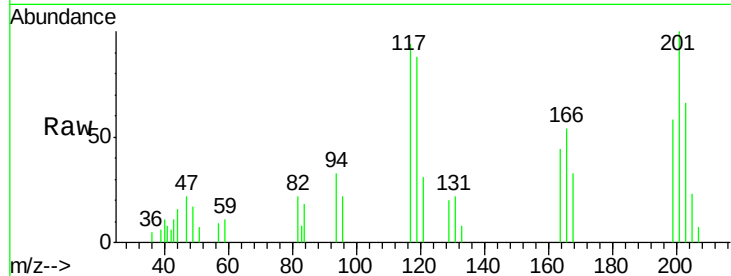




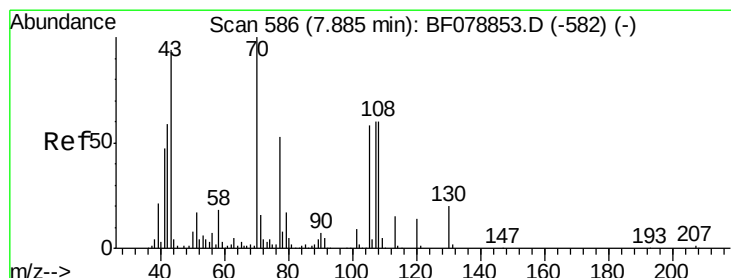
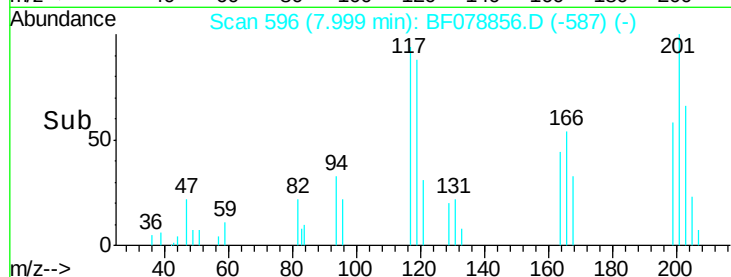
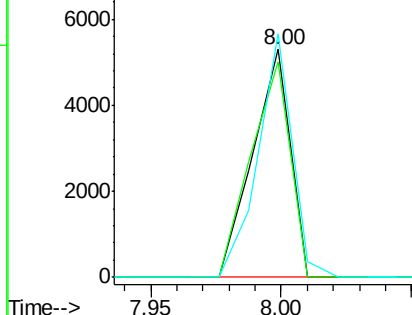
#18
Hexachloroethane
Concen: 2.46 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 117 Resp: 5321
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
201 106.9 83.2 124.8

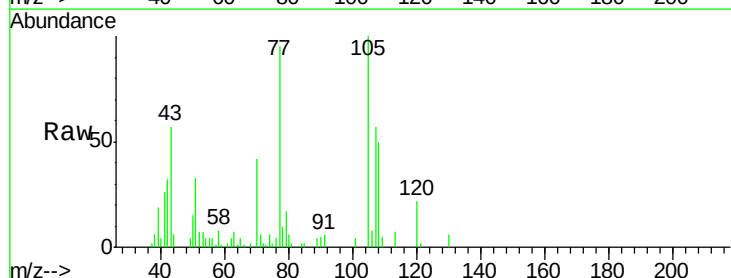


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

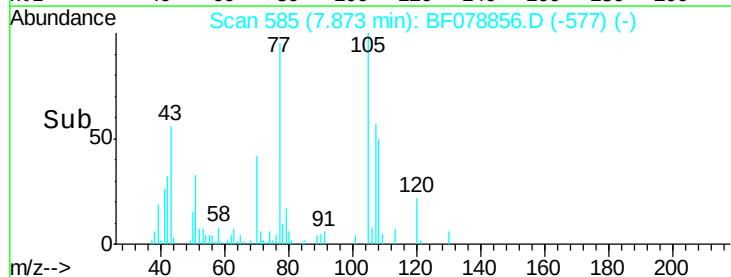
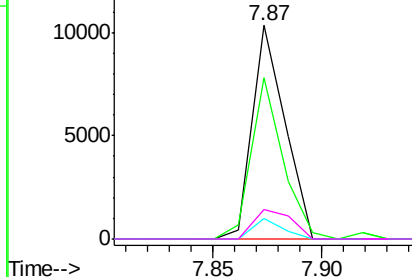


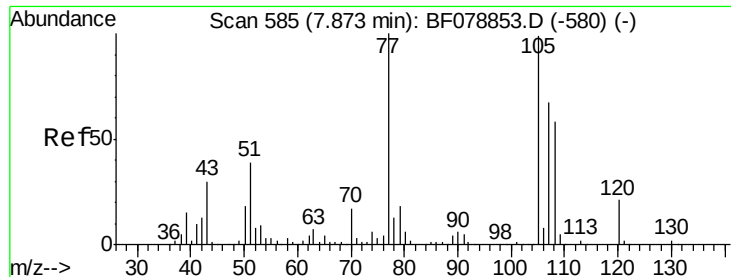
#19
n-Nitroso-di-n-propylamine
Concen: 2.53 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion: 70 Resp: 10780
Ion Ratio Lower Upper
70 100
42 75.7 55.4 83.0
101 9.6 6.6 10.0
130 13.6 11.9 17.9



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

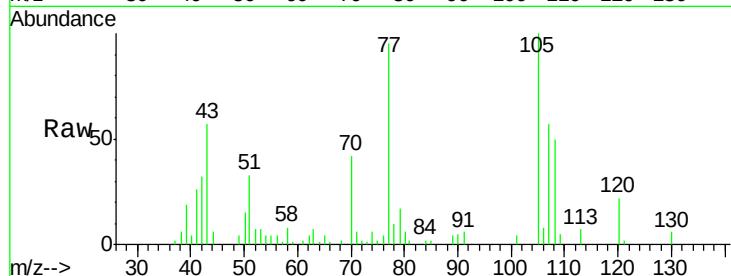




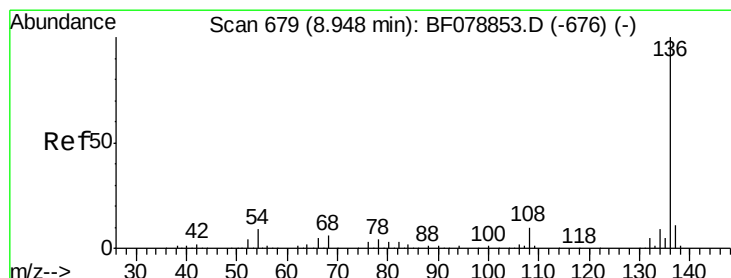
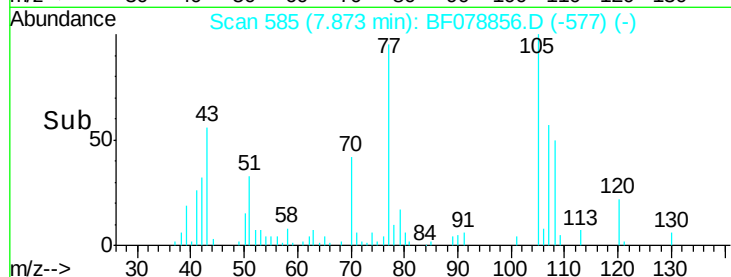
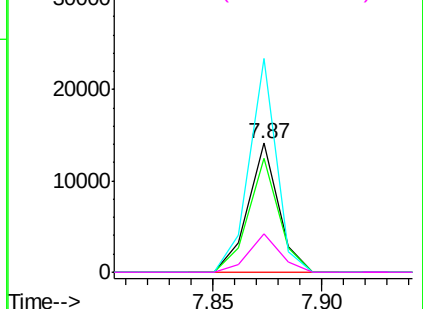
#20
3+4-Methylphenols
Concen: 2.35 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 13778
Ion Ratio Lower Upper
107 100
108 87.9 76.9 116.9
77 165.5 136.8 176.8
79 29.5 9.7 49.7

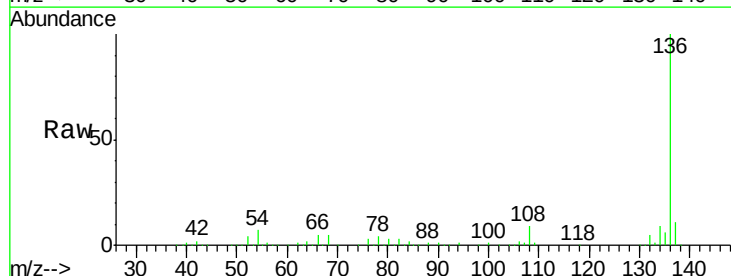


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

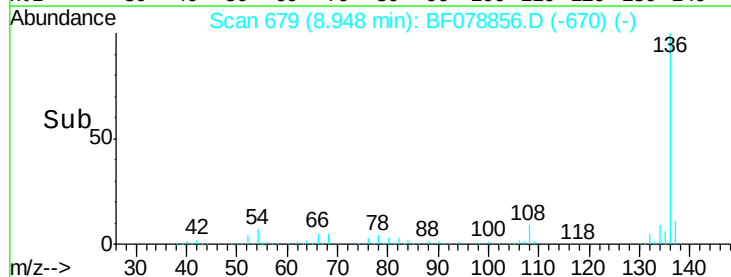
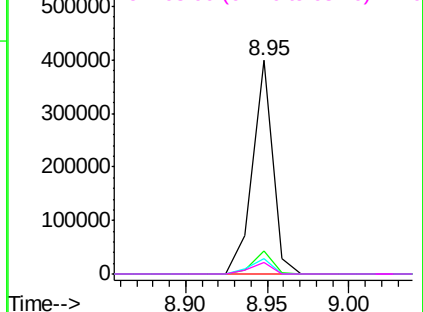


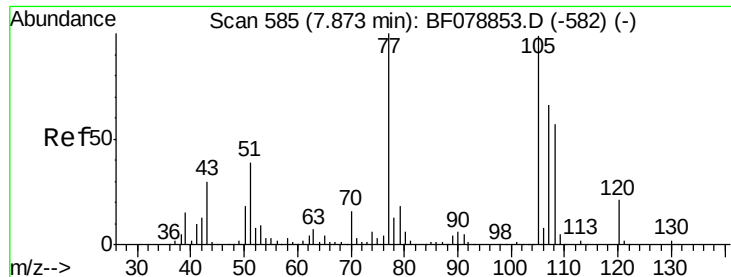
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:136 Resp: 343483
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 5.8 8.8
68 5.4 4.2 6.4



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: 2.74 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 20955

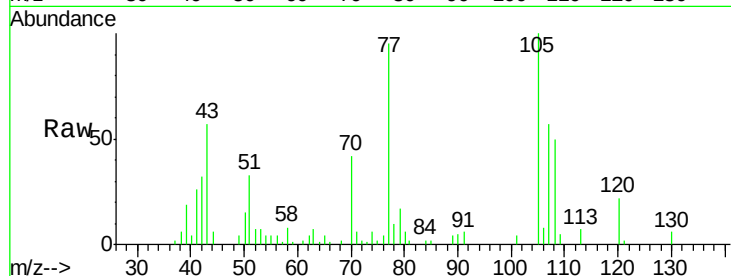
Ion Ratio Lower Upper

105 100

71 6.4 4.6 6.8

51 33.1 26.7 40.1

120 21.8 17.4 26.0

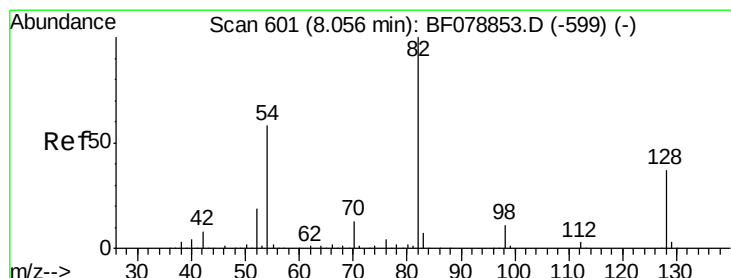
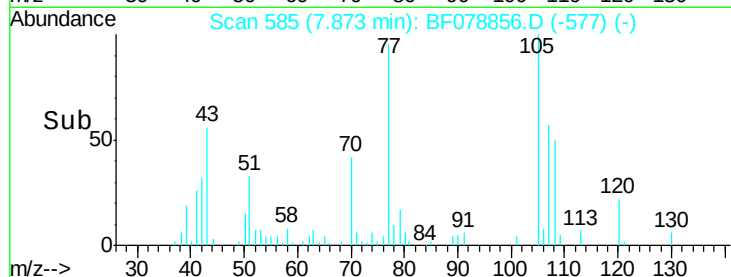
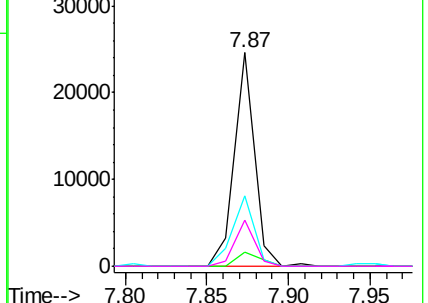


Abundance Ion 105.00 (104.70 to 105.70): E

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: 2.38 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

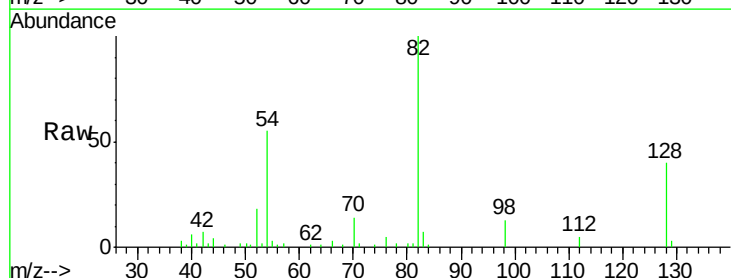
Tgt Ion: 82 Resp: 28611

Ion Ratio Lower Upper

82 100

128 40.0 30.0 45.0

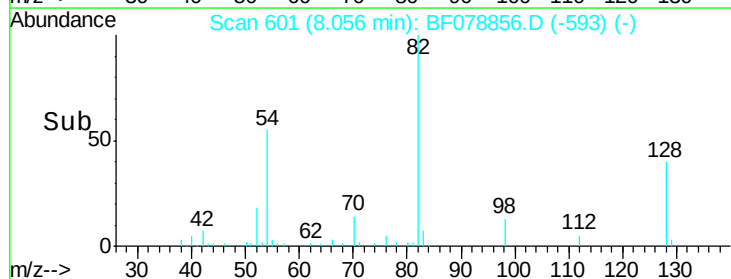
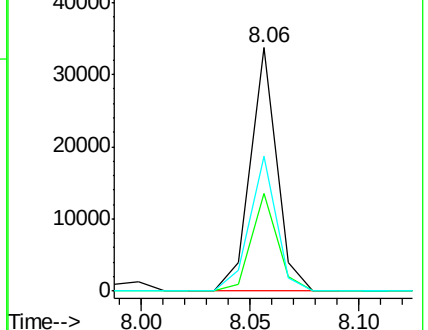
54 55.2 46.4 69.6

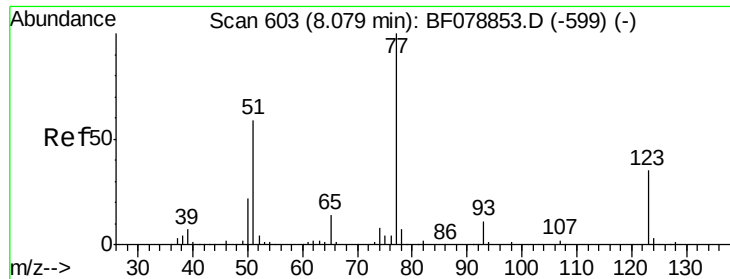


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

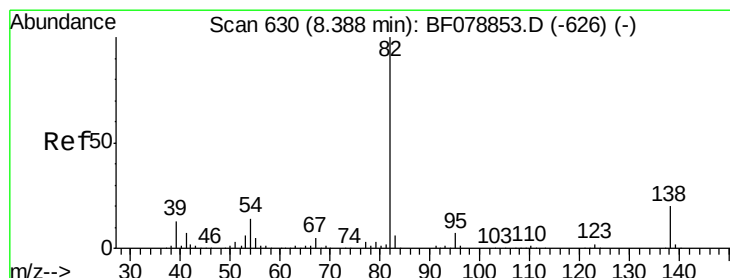
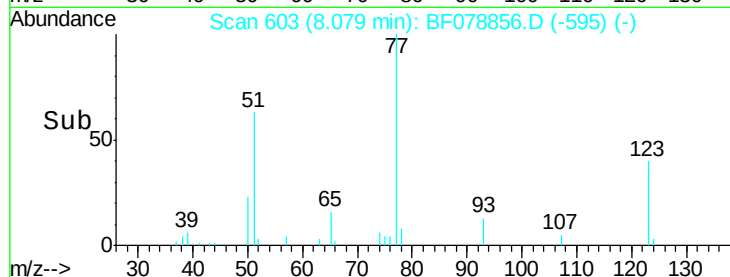
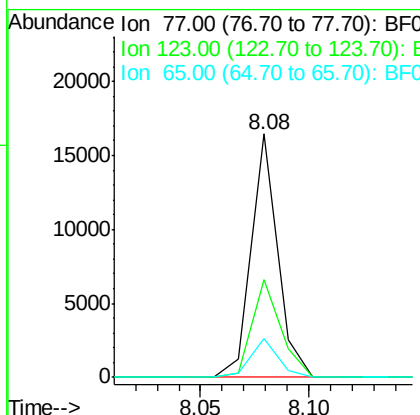
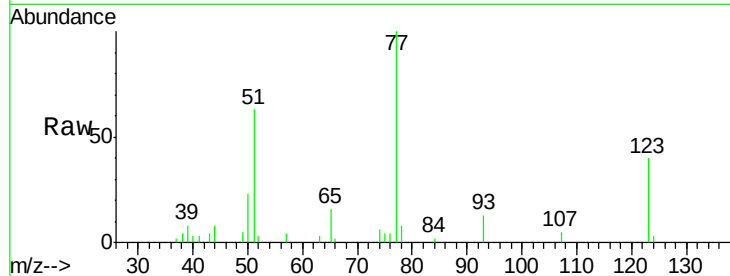




#24
 Nitrobenzene
 Concen: 2.32 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

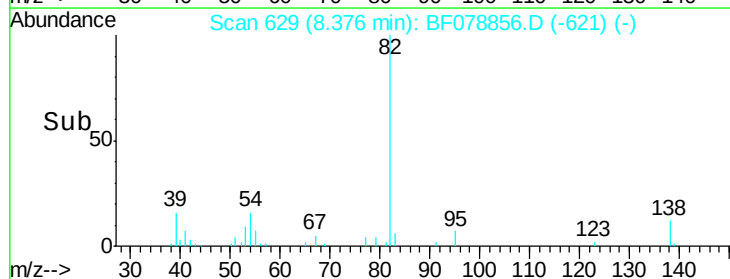
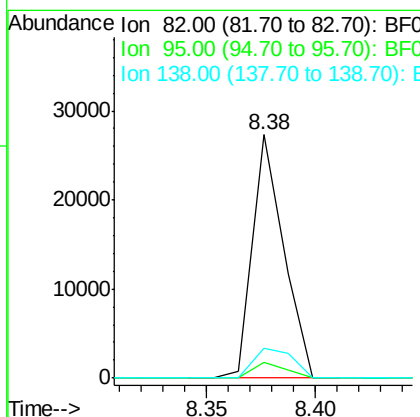
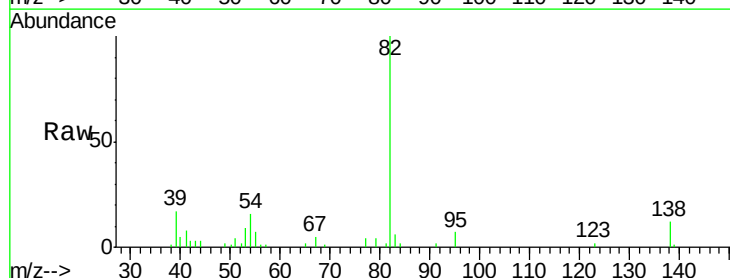
Instrument :
 BNA_F
 ClientSampled :

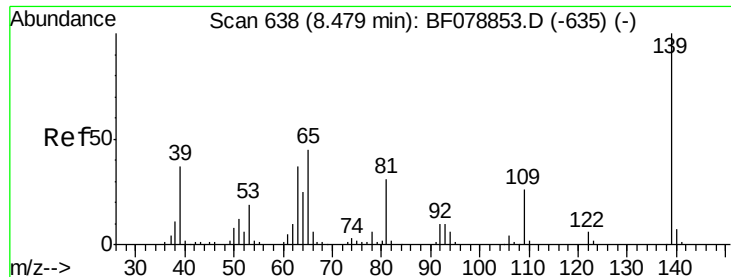
Tot Ion: 77 Resp: 13893
 Ion Ratio Lower Upper
 77 100
 123 39.9 31.8 47.8
 65 15.9 10.6 15.8#



#25
 Isophorone
 Concen: 2.45 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion: 82 Resp: 27263
 Ion Ratio Lower Upper
 82 100
 95 6.5 5.3 7.9
 138 12.1 12.0 18.0





#26

2-Nitrophenol

Concen: 1.67 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

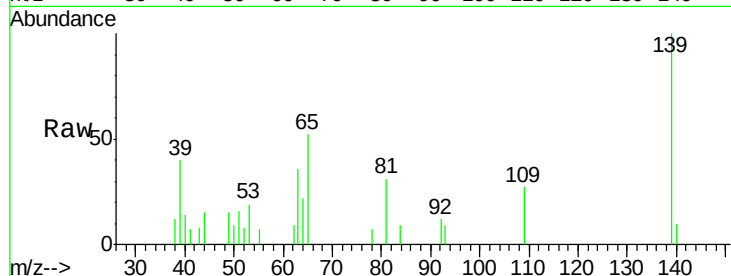
Tot Ion:139 Resp: 4301

Ion Ratio Lower Upper

139 100

109 27.3 21.0 31.4

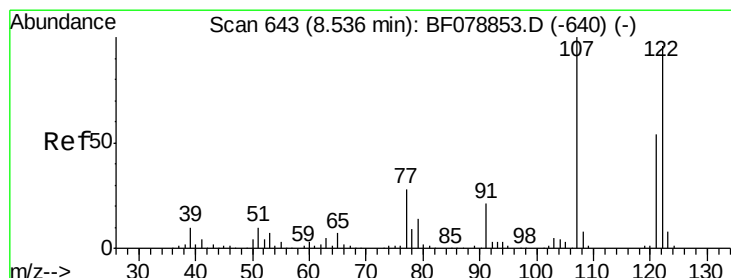
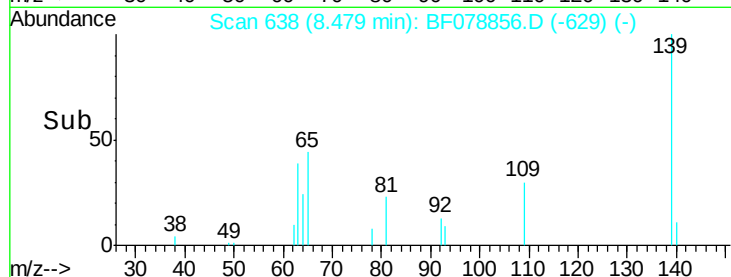
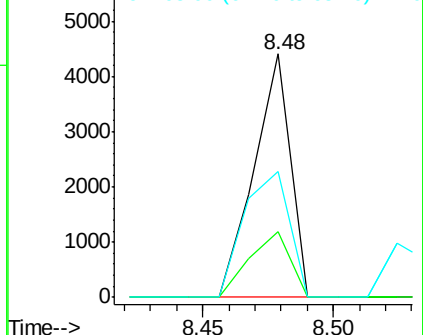
65 51.6 30.5 45.7#



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: 2.31 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

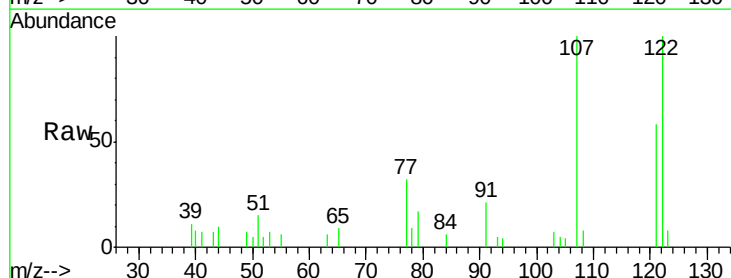
Tgt Ion:122 Resp: 11463

Ion Ratio Lower Upper

122 100

107 99.9 90.6 135.8

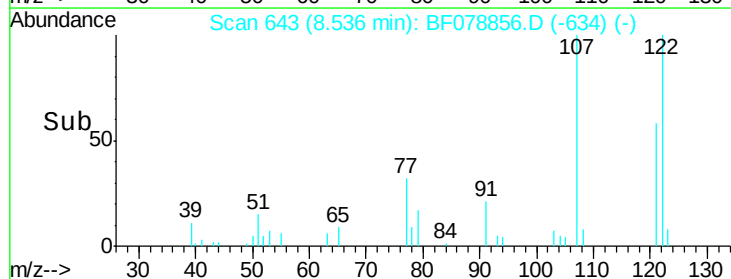
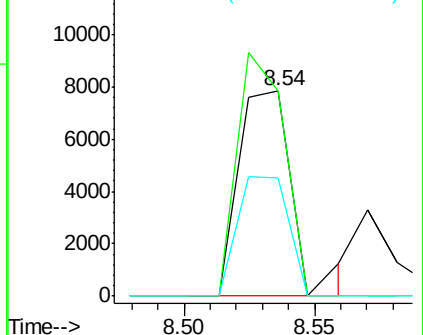
121 57.8 45.4 68.2

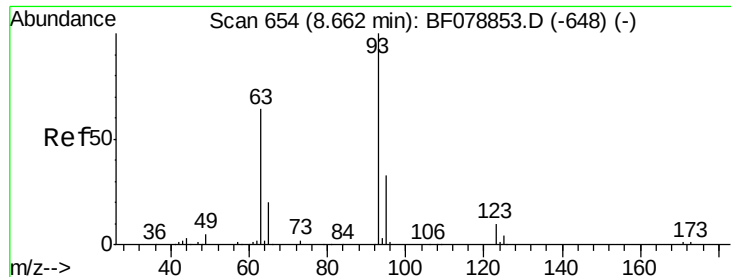


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 2.35 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

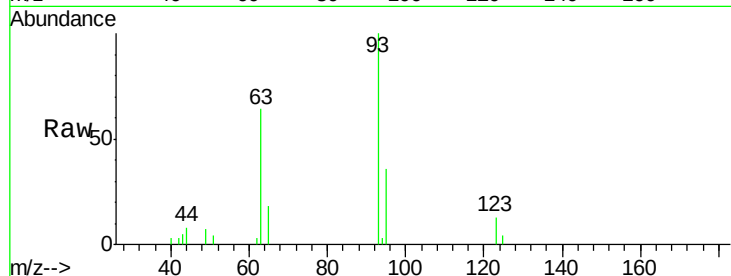
Tot Ion: 93 Resp: 16211

Ion Ratio Lower Upper

93 100

95 36.3 26.7 40.1

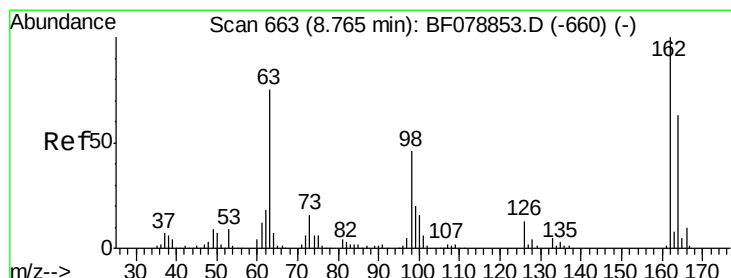
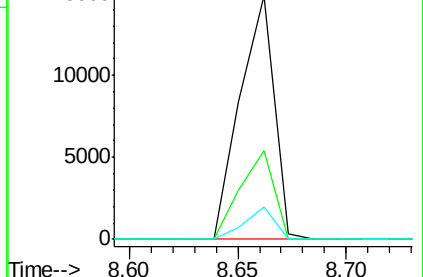
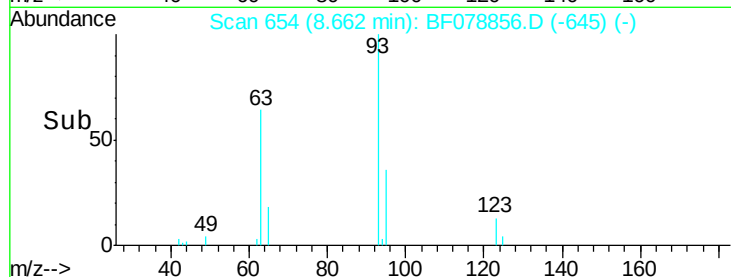
123 13.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF078856.D (-645) (-)

Ion 95.00 (94.70 to 95.70): BF078856.D (-645) (-)

Ion 123.00 (122.70 to 123.70): BF078856.D (-645) (-)



#29

2,4-Dichlorophenol

Concen: 2.25 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

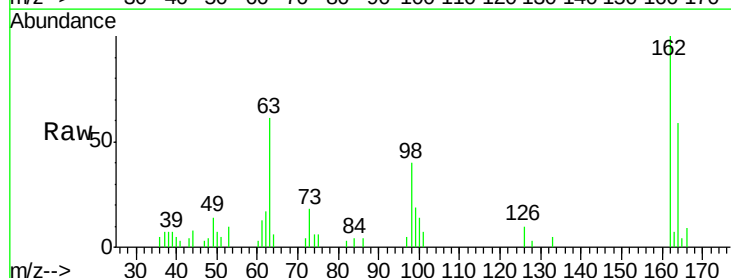
Tgt Ion:162 Resp: 9947

Ion Ratio Lower Upper

162 100

164 58.8 43.6 83.6

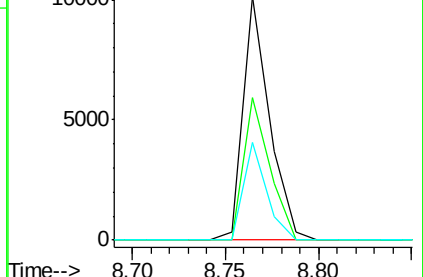
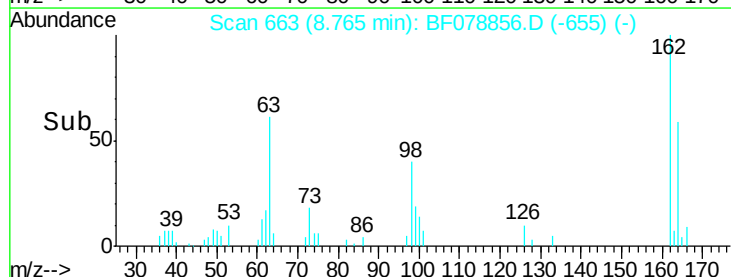
98 40.0 16.5 56.5

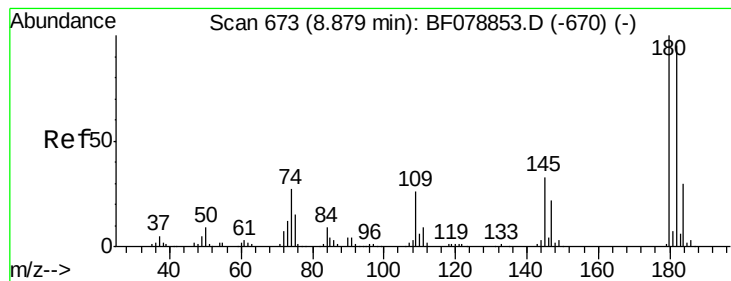


Abundance Ion 162.00 (161.70 to 162.70): BF078856.D (-655) (-)

Ion 164.00 (163.70 to 164.70): BF078856.D (-655) (-)

Ion 98.00 (97.70 to 98.70): BF078856.D (-655) (-)





#30

1,2,4-Trichlorobenzene

Concen: 2.62 ng

RT: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

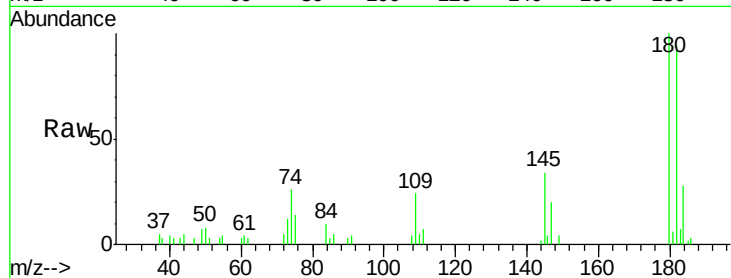
Tot Ion:180 Resp: 12489

Ion Ratio Lower Upper

180 100

182 93.6 78.9 118.3

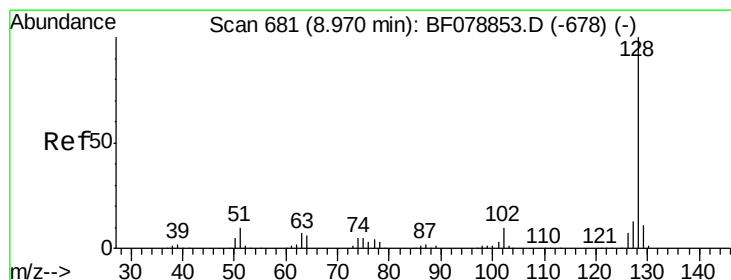
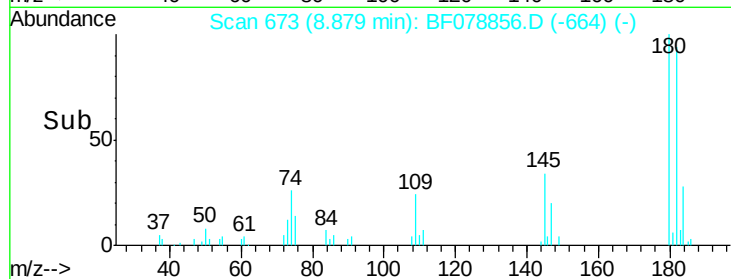
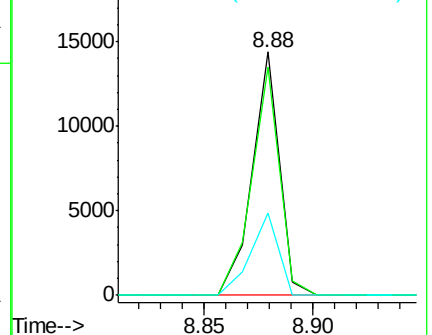
145 33.9 24.2 36.4



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: 2.79 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

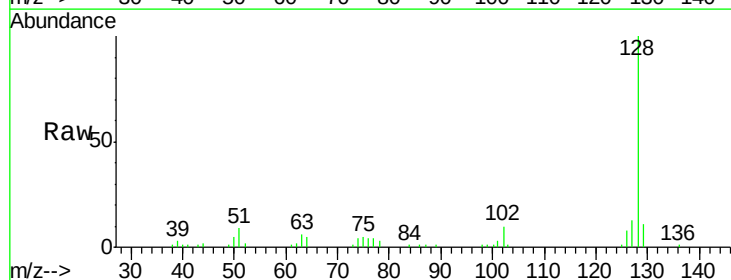
Tgt Ion:128 Resp: 44914

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

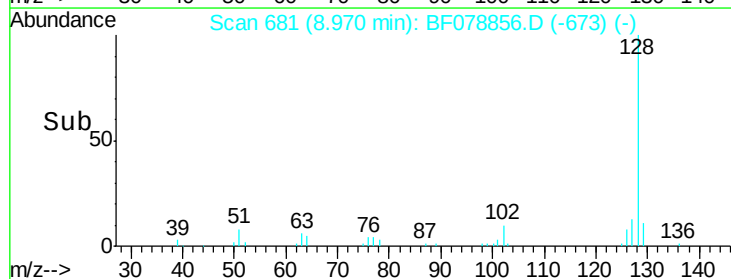
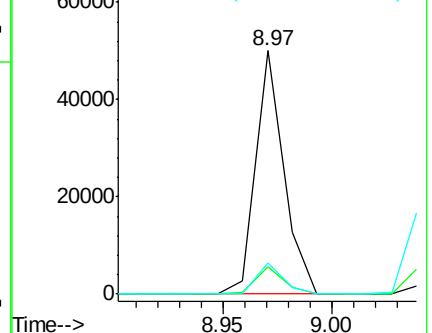
127 12.9 10.7 16.1

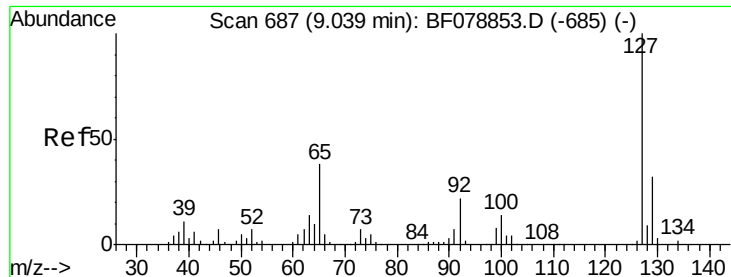


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

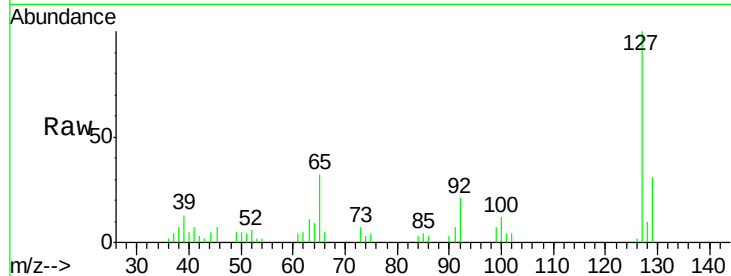




#33
4-Chloroaniline
Concen: 2.45 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	17037
Ion	Ratio	Lower Upper
127	100	
129	31.2	25.8 38.8
65	32.3	25.8 38.6
92	20.9	15.5 23.3

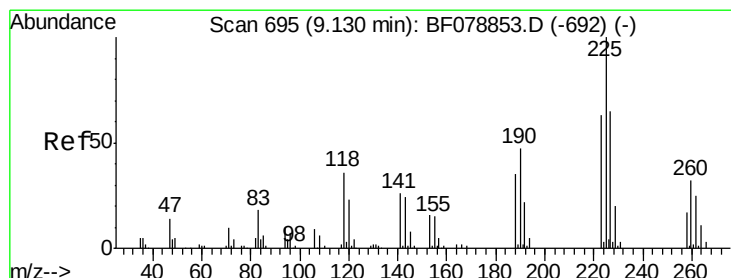
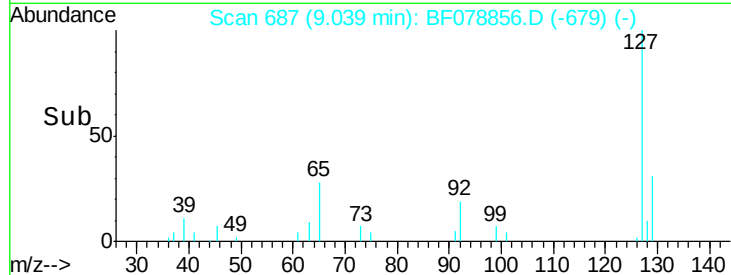
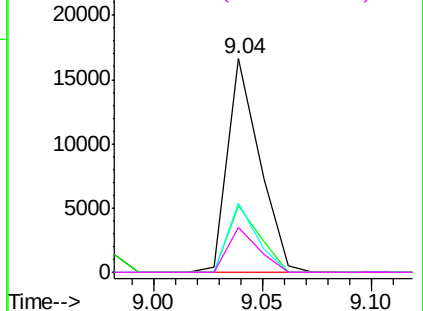


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

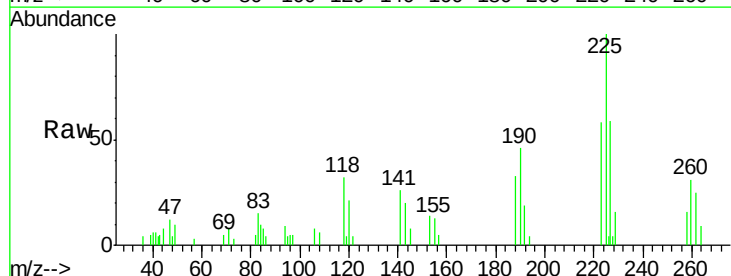
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 2.78 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

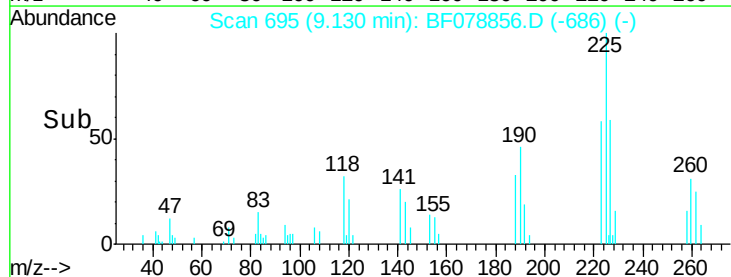
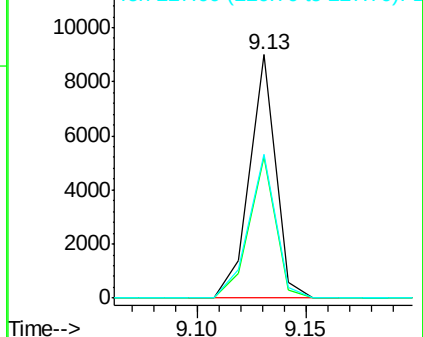
Tgt Ion:225	Resp:	7543
Ion	Ratio	Lower Upper
225	100	
223	57.9	48.2 72.4
227	59.3	51.4 77.0

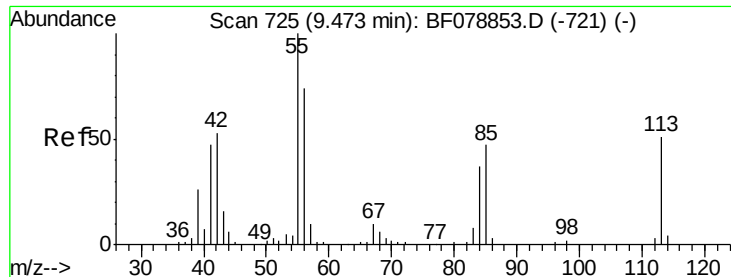


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 1.97 ng

RT: 9.44 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampled :

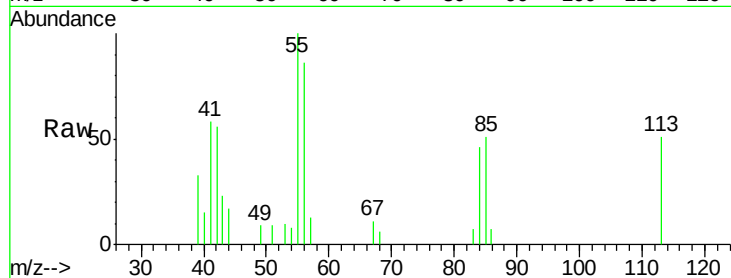
Tot Ion:113 Resp: 2774

Ion Ratio Lower Upper

113 100

55 196.3 169.7 209.7

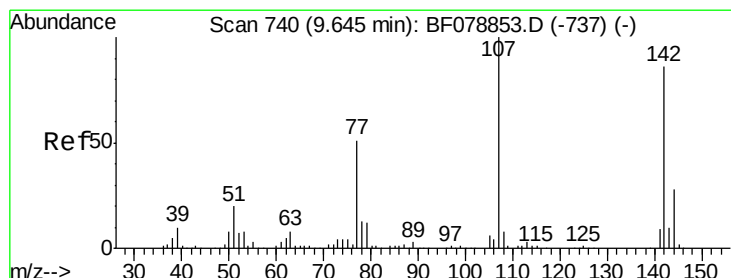
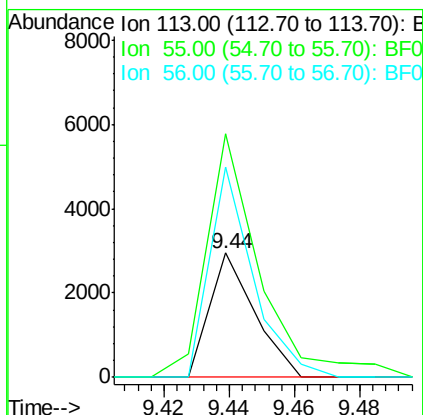
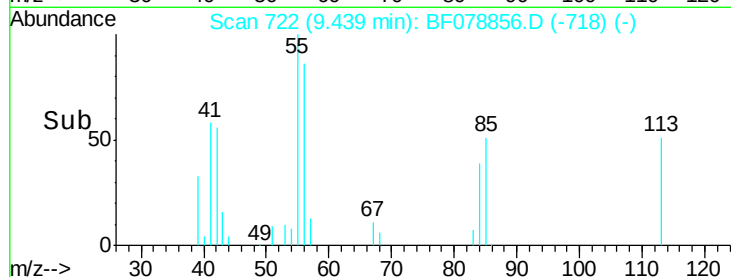
56 169.8 122.5 162.5#



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: 2.06 ng

RT: 9.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

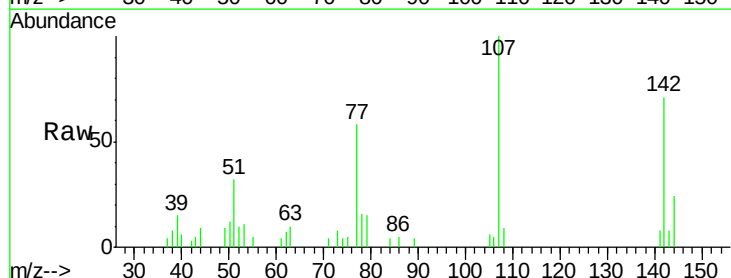
Tgt Ion:107 Resp: 9701

Ion Ratio Lower Upper

107 100

144 23.9 19.8 29.6

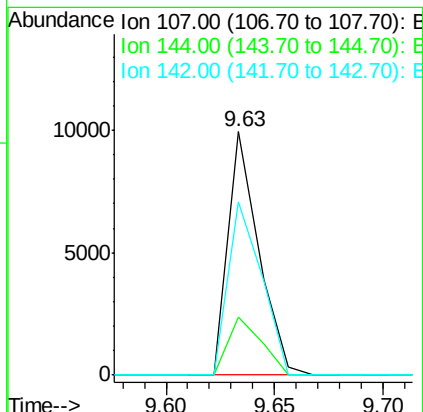
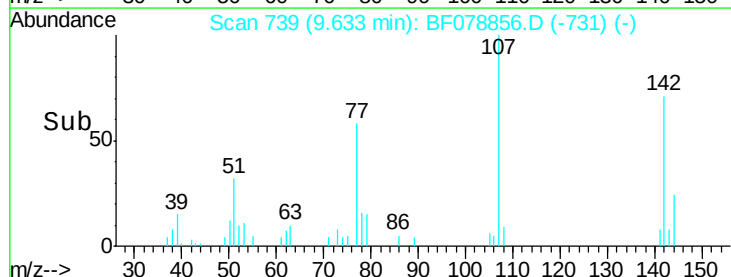
142 71.4 60.6 91.0

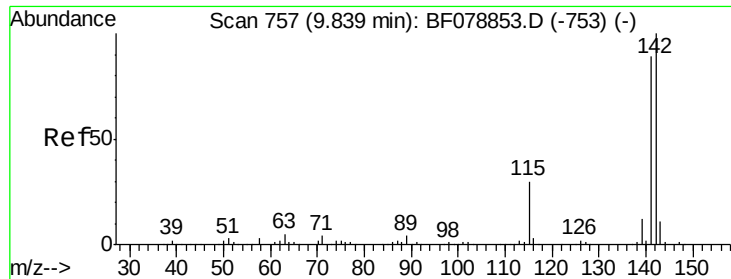


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

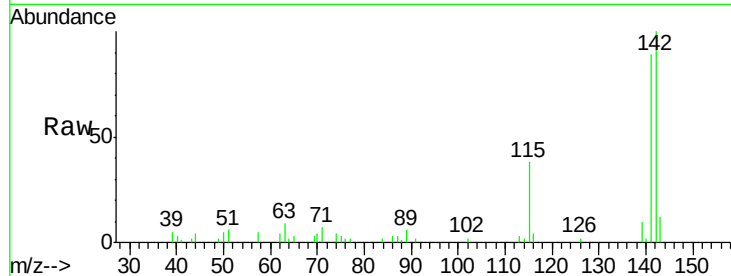




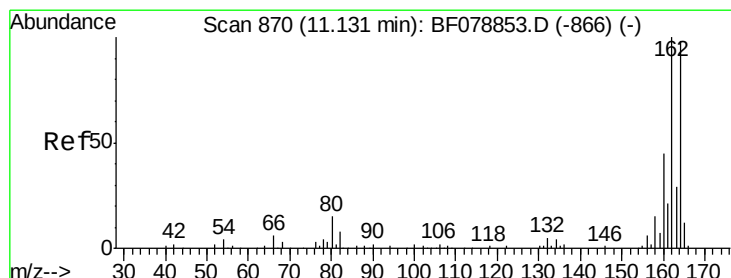
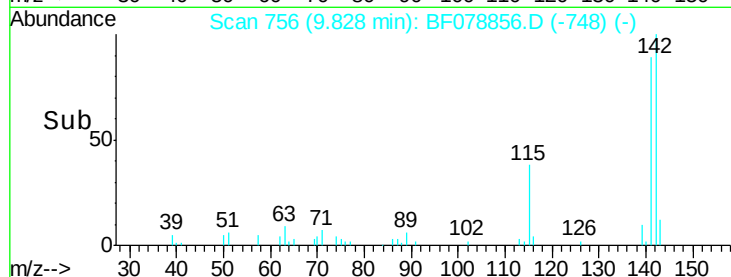
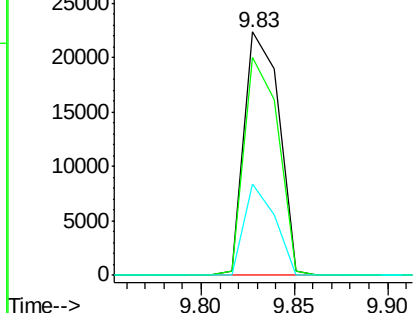
#37
 2-Methylnaphthalene
 Concen: 2.56 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 28896
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.9 106.3
 115 37.7 28.5 42.7

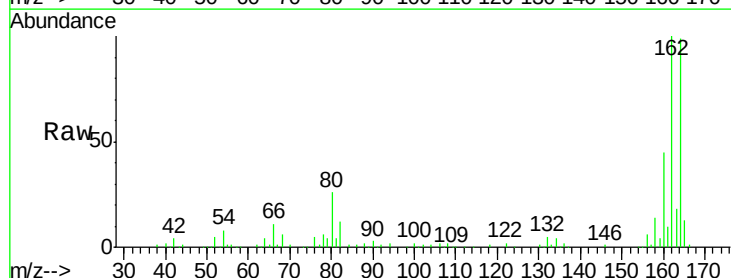


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

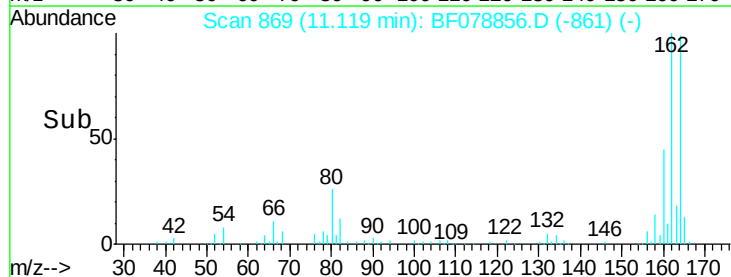
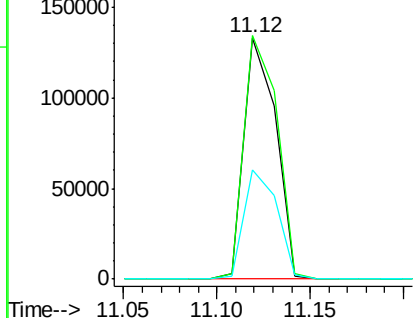


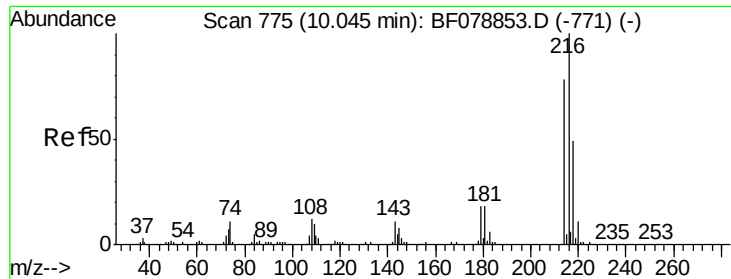
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:164 Resp: 160203
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.7 124.1
 160 45.2 35.8 53.8



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

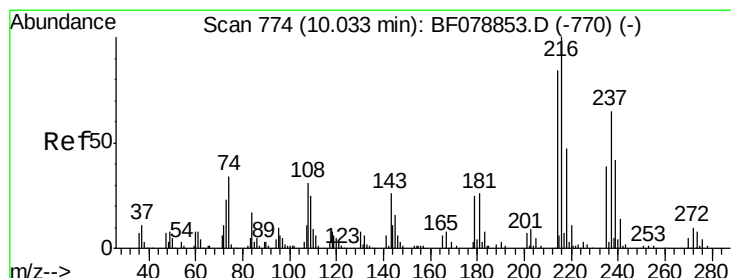
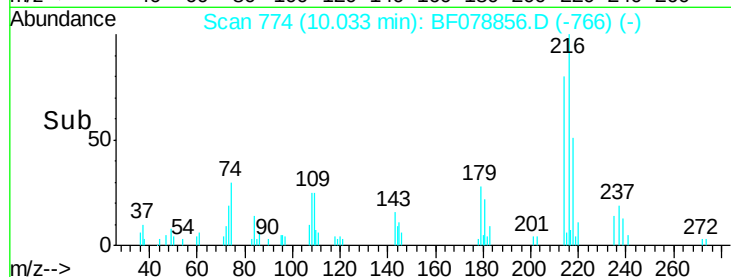
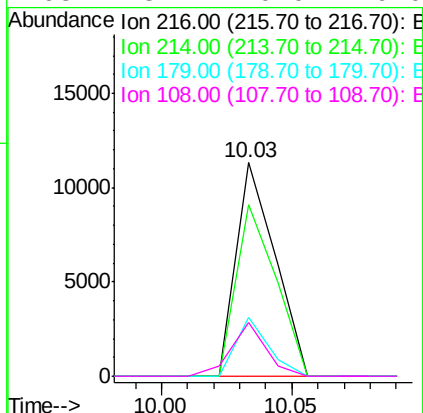
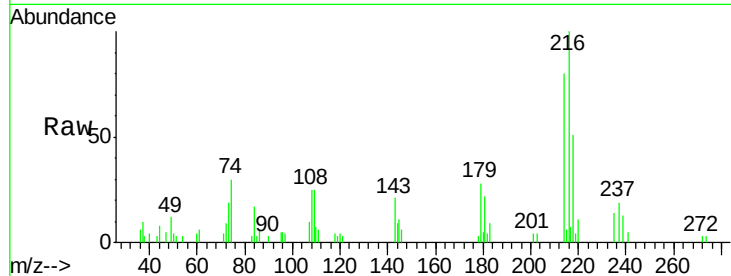




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.64 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

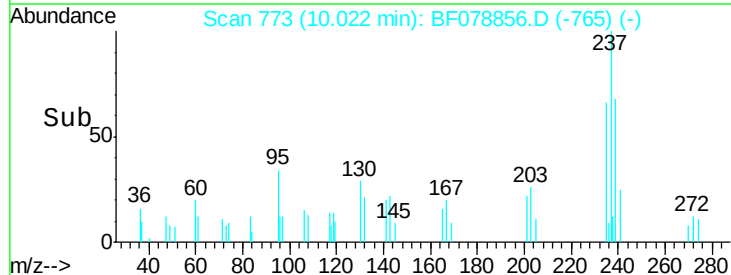
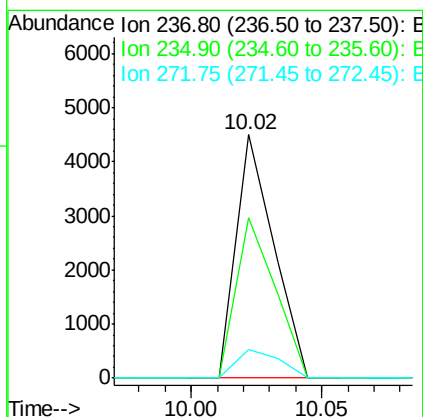
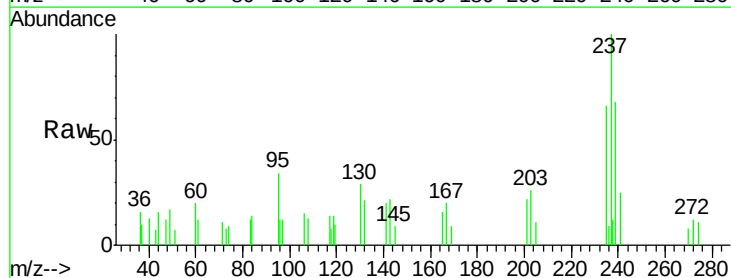
Instrument :
 BNA_F
 ClientSampleId :

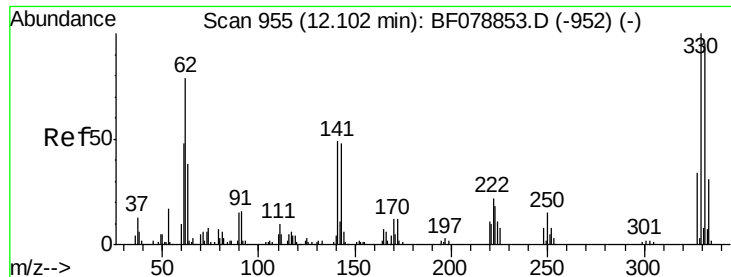
Tot Ion:216 Resp: 11830
 Ion Ratio Lower Upper
 216 100
 214 81.6 0.0 0.0#
 179 23.3 0.0 0.0#
 108 23.2 0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 2.01 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:237 Resp: 4559
 Ion Ratio Lower Upper
 237 100
 235 65.7 44.7 84.7
 272 12.0 0.0 32.6

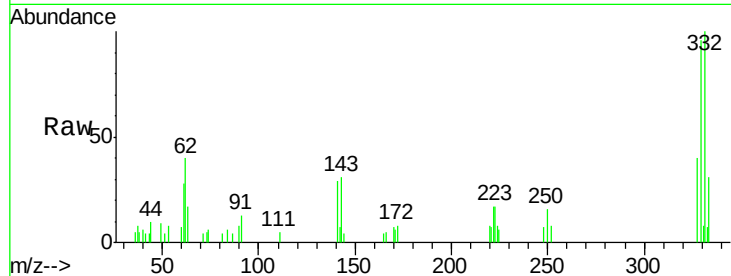




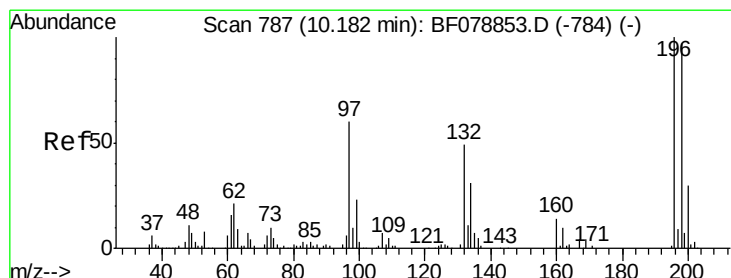
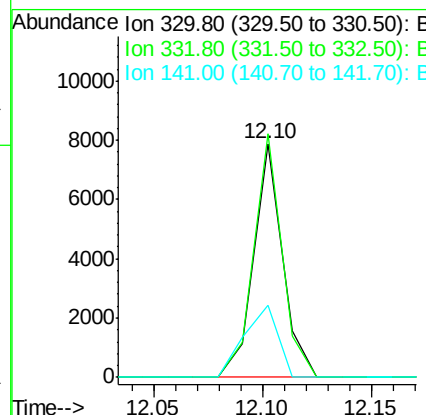
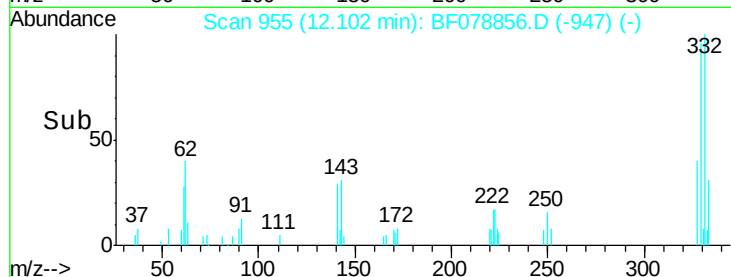
#41
 2,4,6-Tribromophenol
 Concen: 2.04 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.0	0.0	0.0#
141	35.6	0.0	0.0#

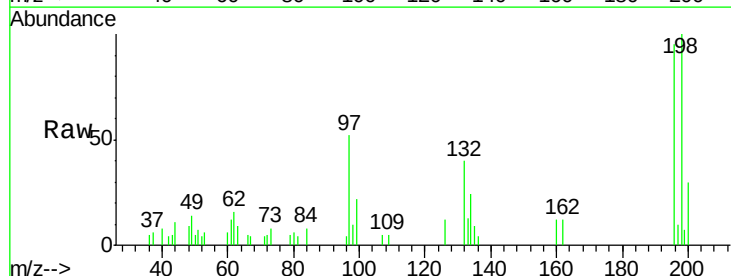


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

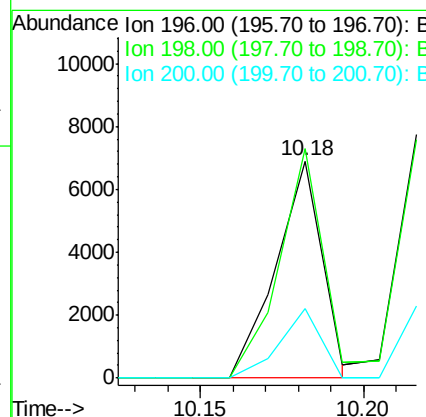
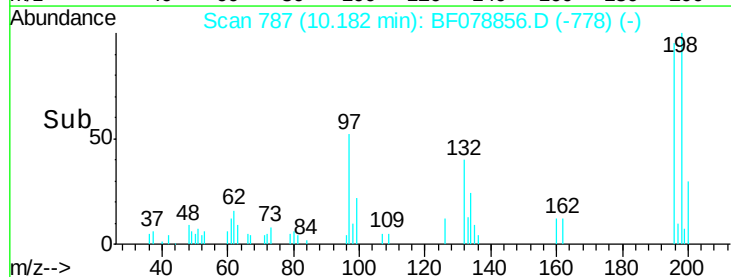


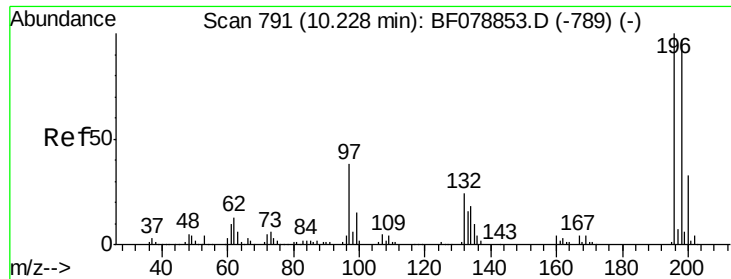
#42
 2,4,6-Trichlorophenol
 Concen: 2.16 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.6	80.5	120.7
200	32.1	24.9	37.3



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

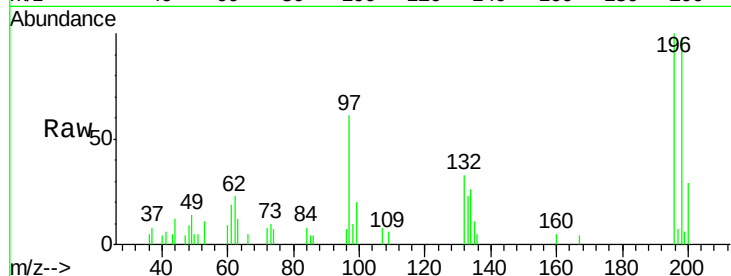




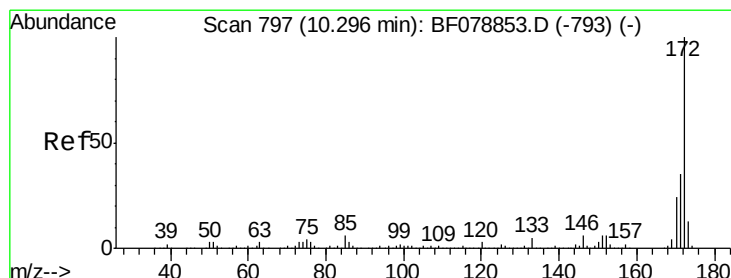
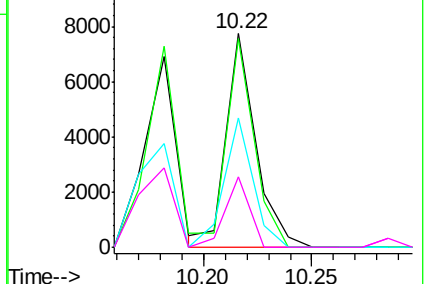
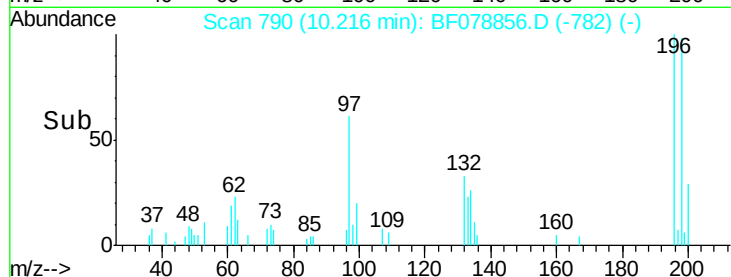
#43
 2,4,5-Trichlorophenol
 Concen: 2.30 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	7299
Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.8	119.6
97	60.6	46.0	69.0
132	32.9	26.6	40.0

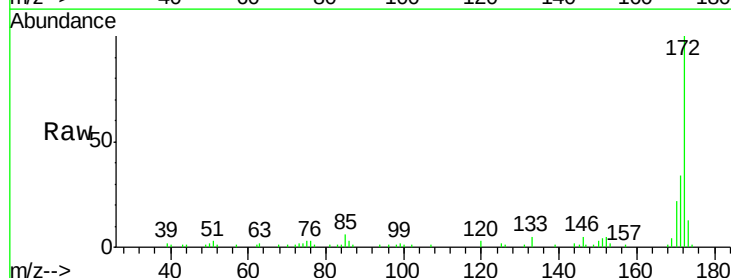


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

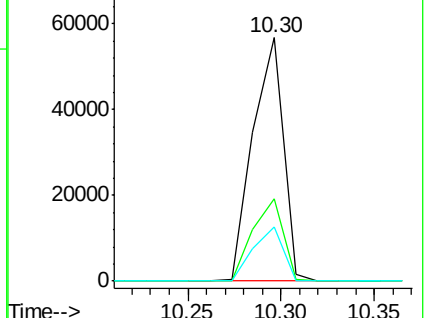
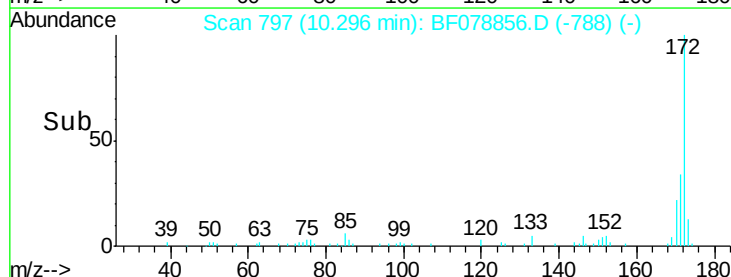


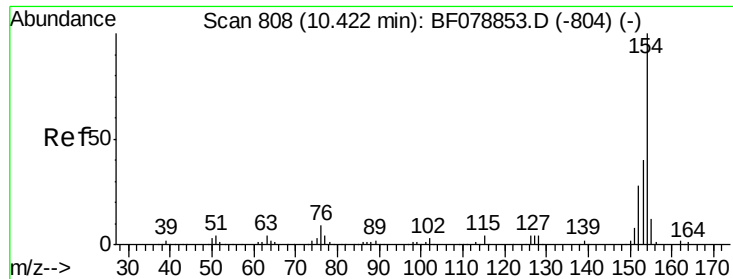
#44
 2-Fluorobiphenyl
 Concen: 2.83 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:	172	Resp:	63906
Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	22.2	19.4	29.0



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

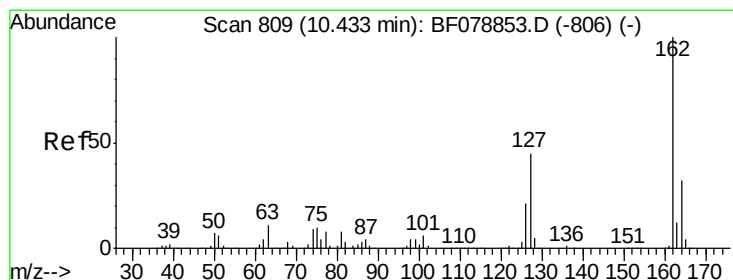
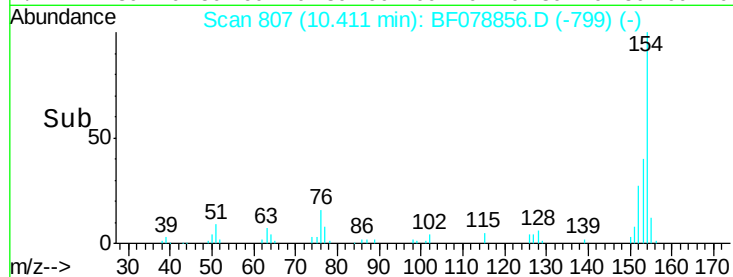
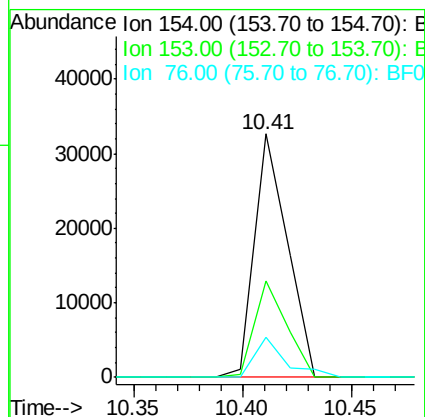
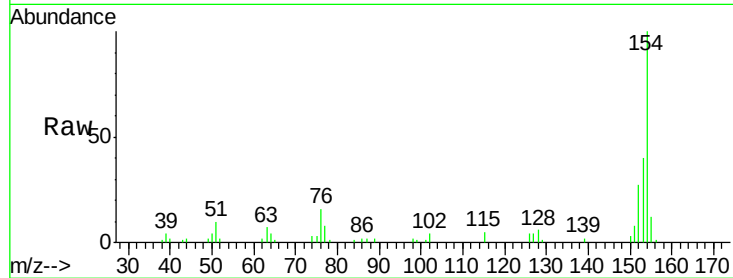




#45
 1,1'-Biphenyl
 Concen: 2.73 ng
 RT: 10.41 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

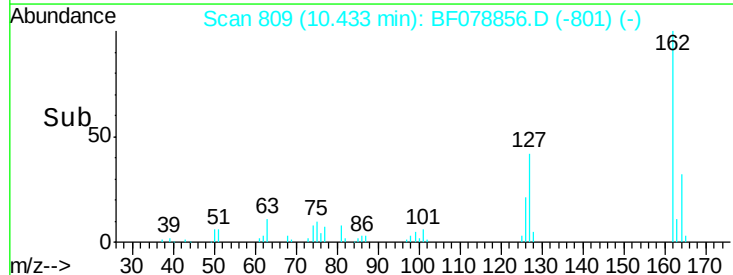
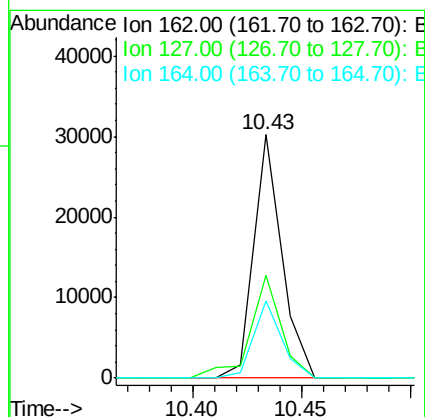
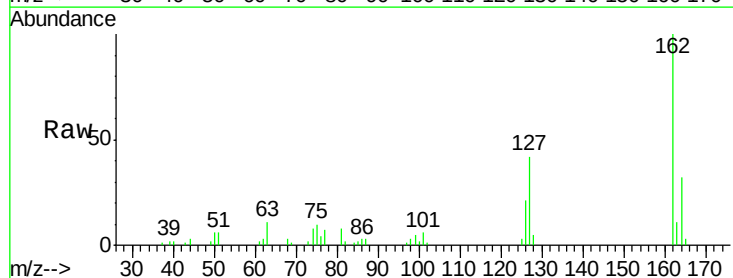
Instrument :
 BNA_F
 ClientSampleId :

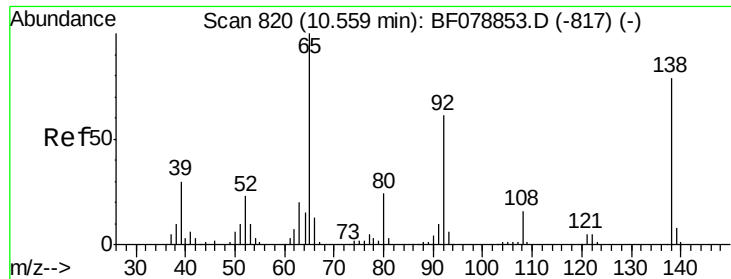
Tot Ion:154 Resp: 34298
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.9 59.9
 76 16.4 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 2.78 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:162 Resp: 27163
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 32.0 26.3 39.5

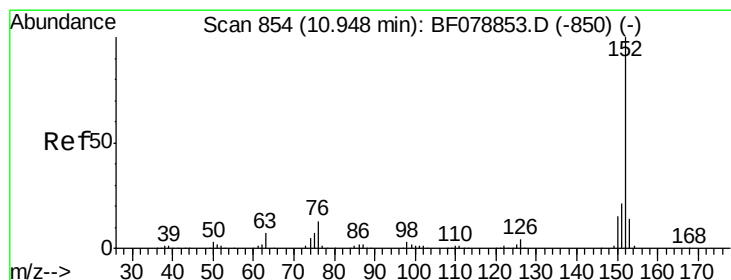
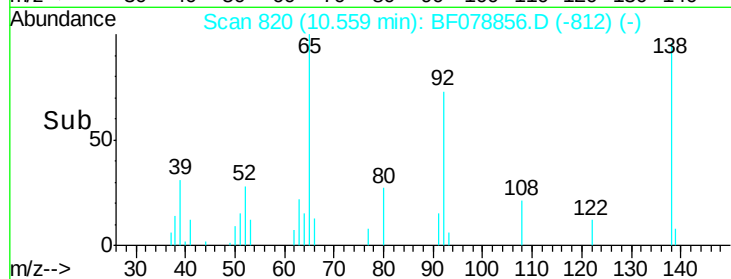
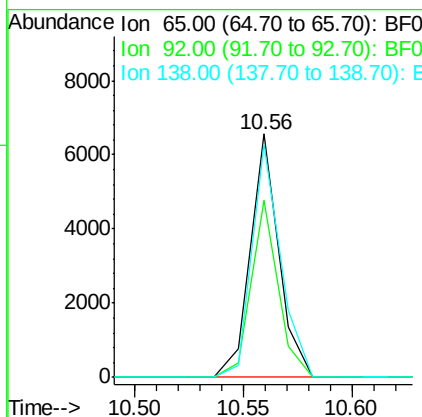
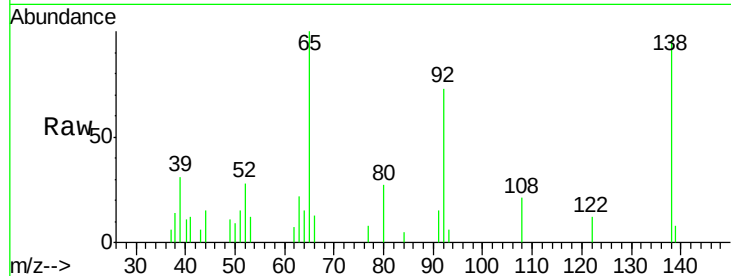




#47
2-Nitroaniline
Concen: 2.02 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

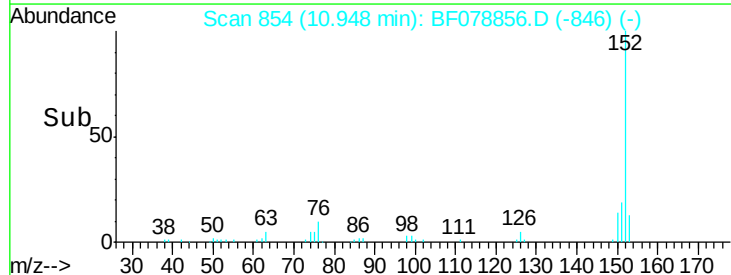
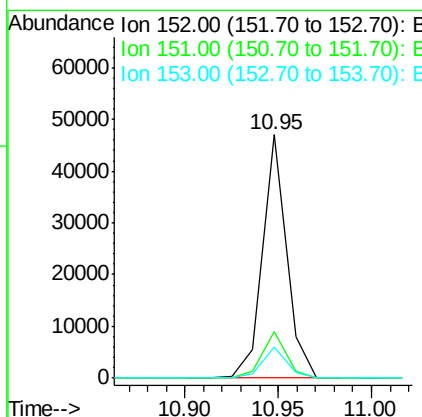
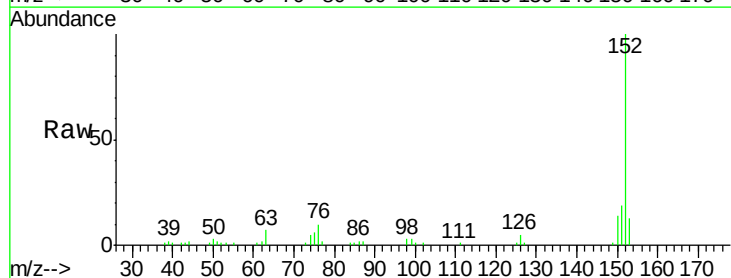
Instrument :
BNA_F
ClientSampled :

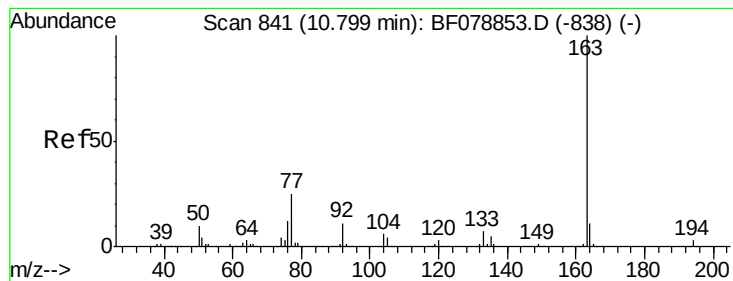
Tot Ion: 65 Resp: 5973
Ion Ratio Lower Upper
65 100
92 72.6 54.0 81.0
138 95.6 75.0 112.6



#48
Acenaphthylene
Concen: 2.57 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion: 152 Resp: 41743
Ion Ratio Lower Upper
152 100
151 18.9 16.2 24.4
153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 2.73 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

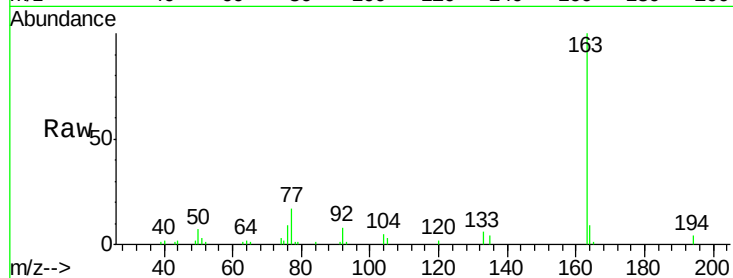
Tot Ion:163 Resp: 31655

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

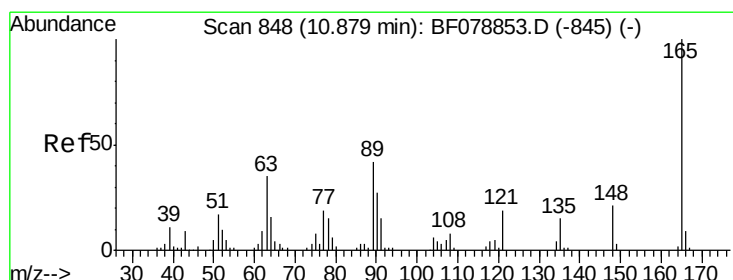
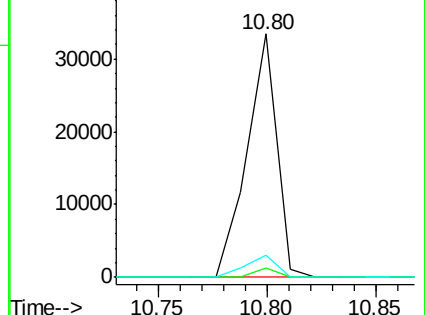
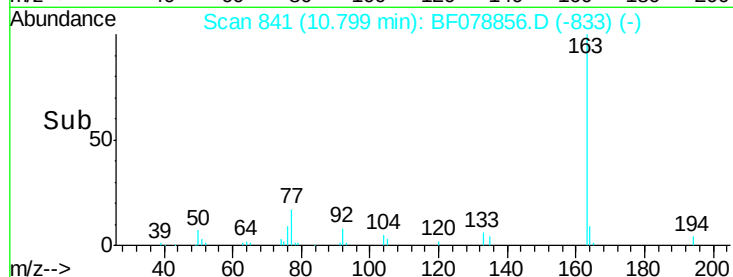
164 9.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.96 ng

RT: 10.87 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

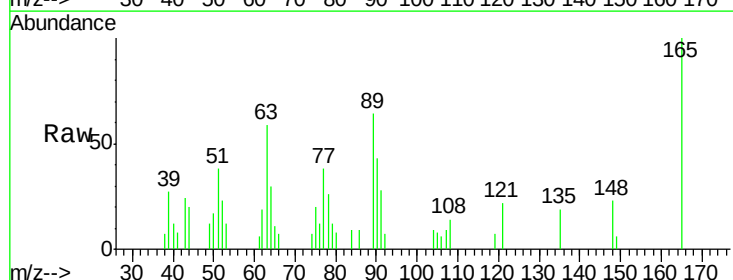
Tgt Ion:165 Resp: 4545

Ion Ratio Lower Upper

165 100

63 59.4 54.4 81.6

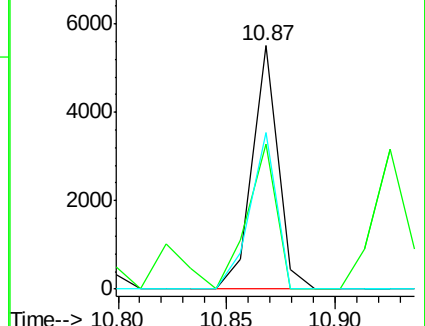
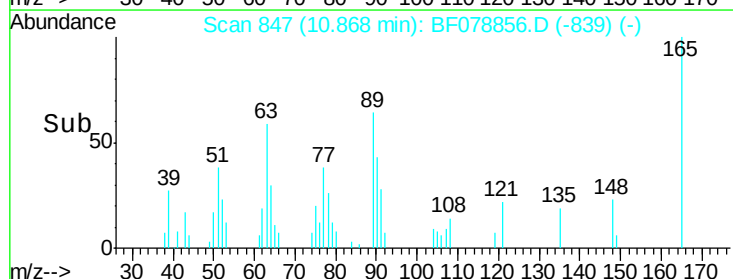
89 64.5 55.7 83.5

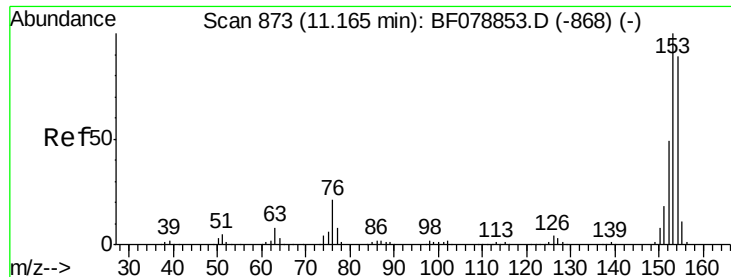


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

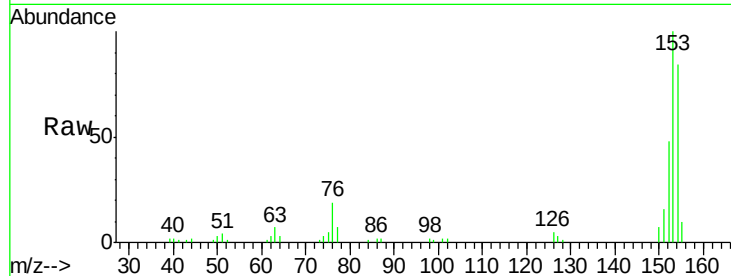




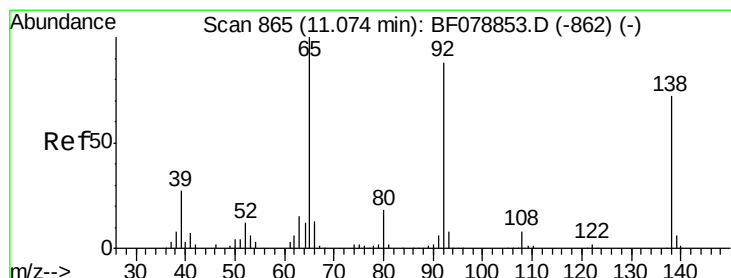
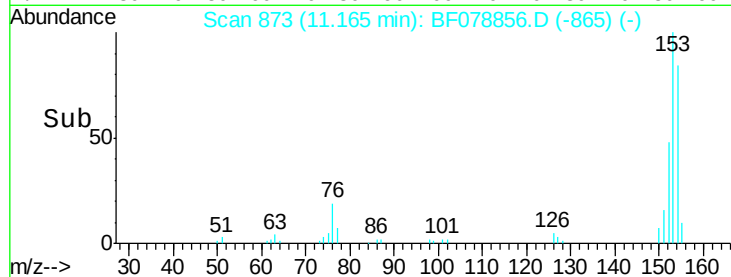
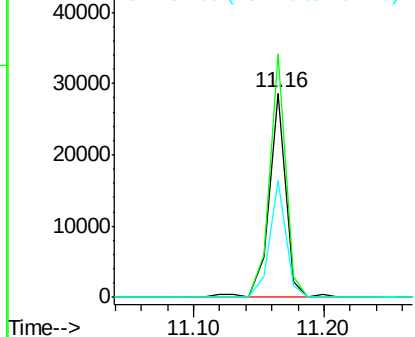
#51
Acenaphthene
Concen: 2.68 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 25792
Ion Ratio Lower Upper
154 100
153 119.2 91.5 137.3
152 57.1 44.2 66.4

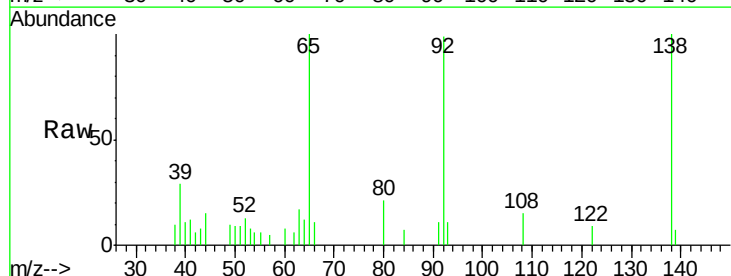


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

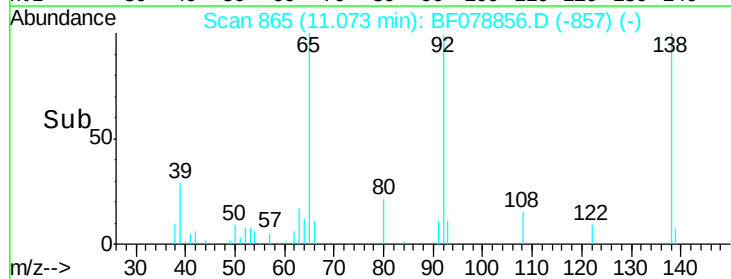
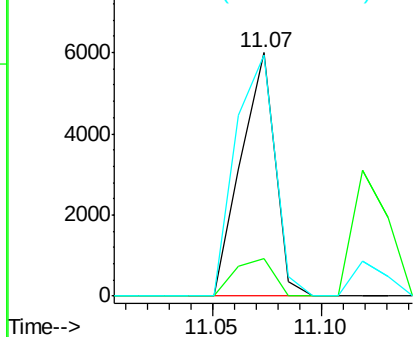


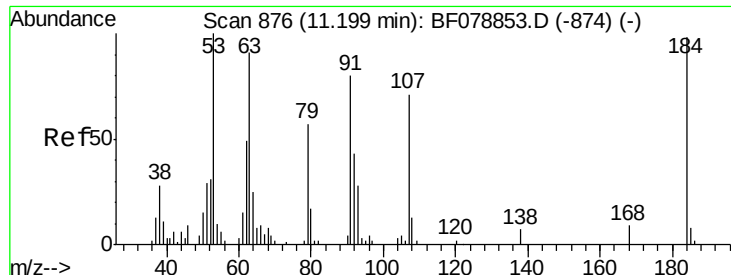
#52
3-Nitroaniline
Concen: 2.21 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:138 Resp: 6509
Ion Ratio Lower Upper
138 100
108 15.2 10.6 16.0
92 99.0 81.8 122.6



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

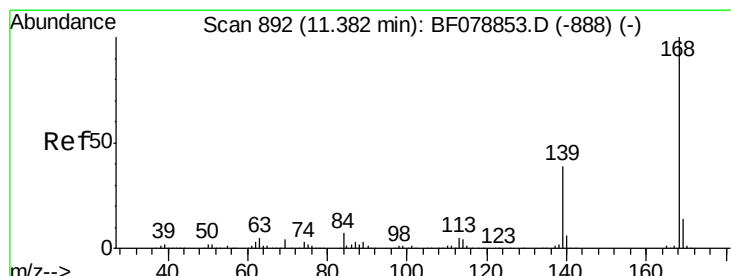
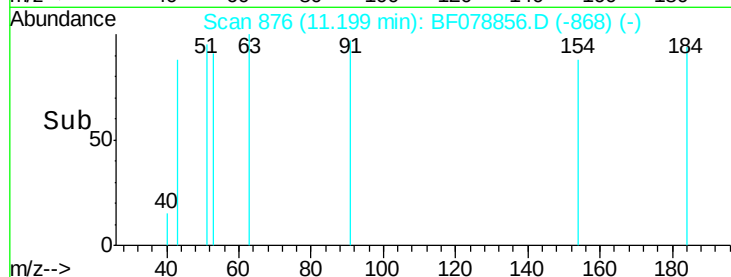
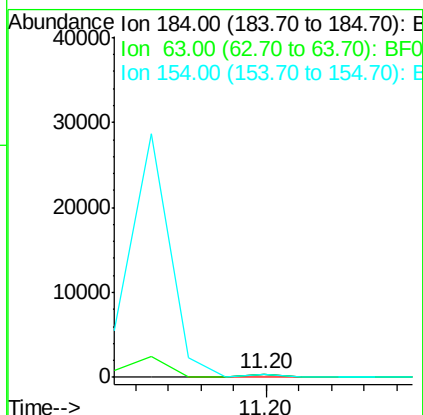
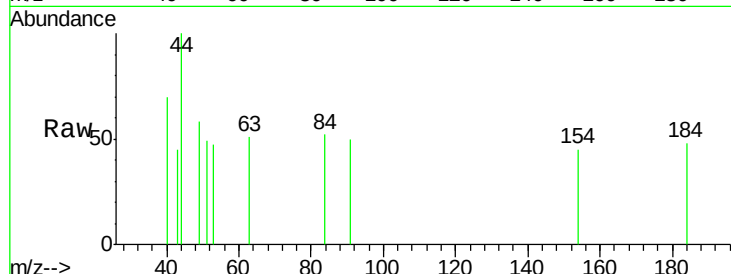




#53
2,4-Dinitrophenol
Concen: 0.36 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

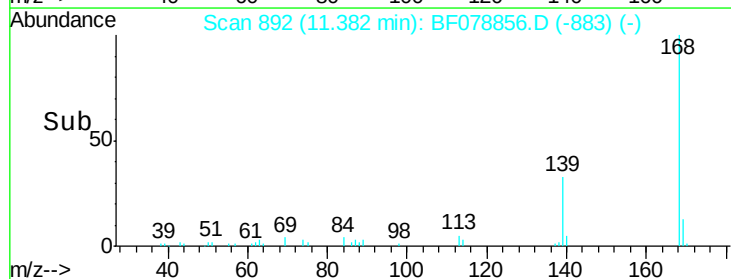
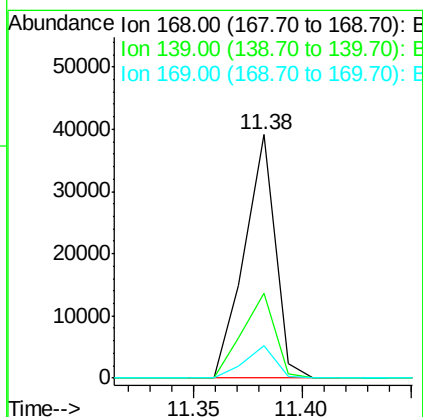
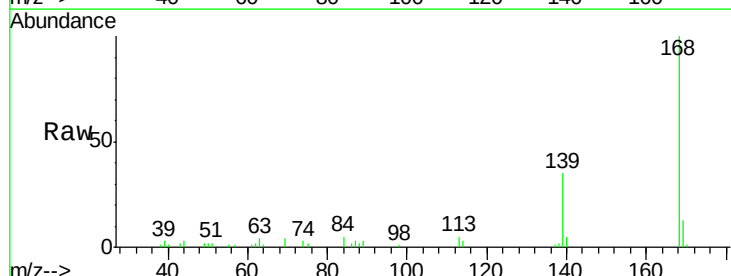
Instrument :
BNA_F
ClientSampleId :

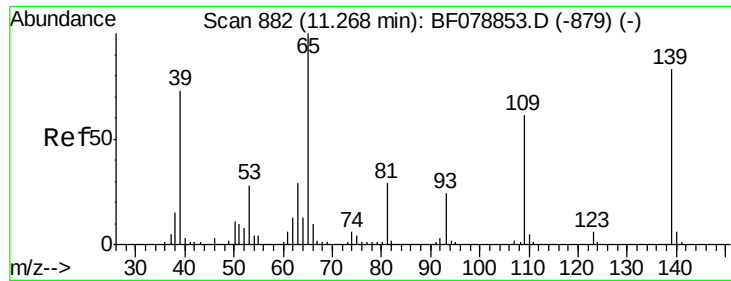
Tot Ion:184 Resp: 241
Ion Ratio Lower Upper
184 100
63 106.8 63.3 94.9#
154 93.5 53.8 80.6#



#54
Dibenzofuran
Concen: 2.79 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:168 Resp: 38603
Ion Ratio Lower Upper
168 100
139 34.7 31.0 46.4
169 13.1 10.6 16.0

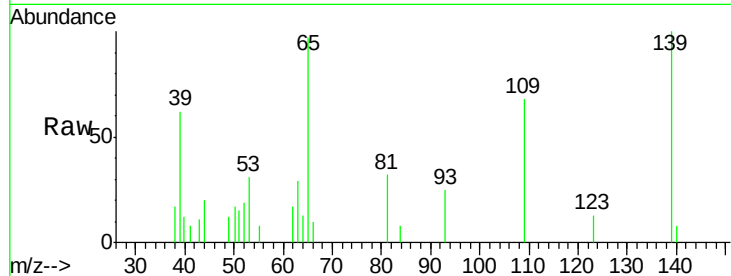




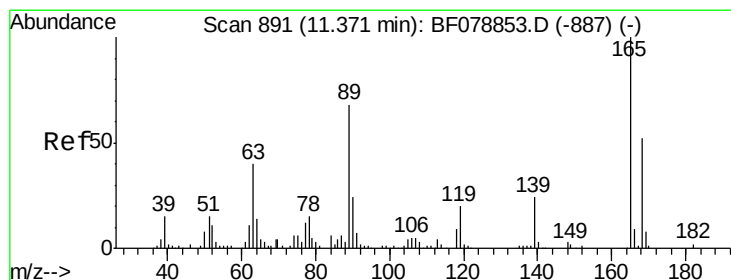
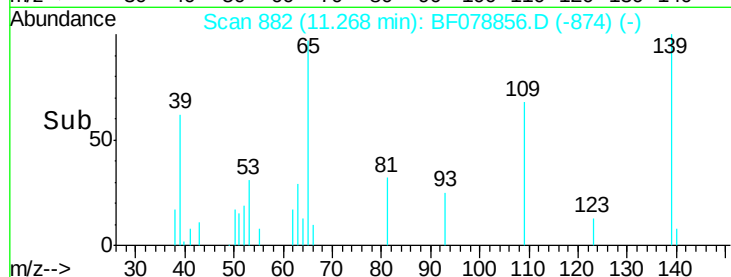
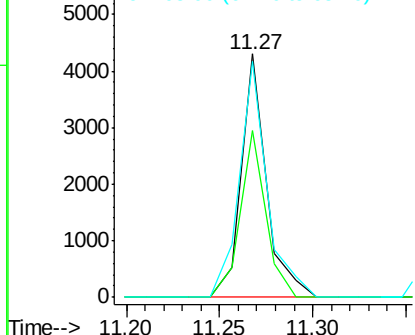
#55
4-Nitrophenol
Concen: 1.76 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 4048
Ion Ratio Lower Upper
139 100
109 68.3 47.6 87.6
65 96.9 54.3 94.3#

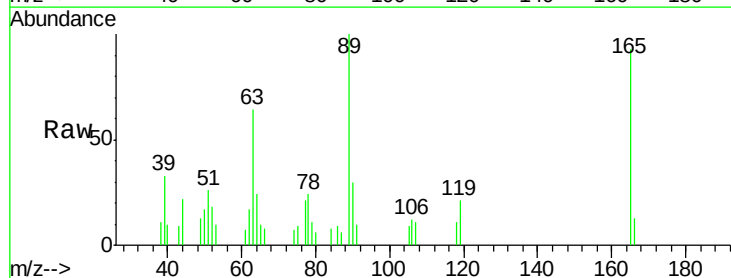


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

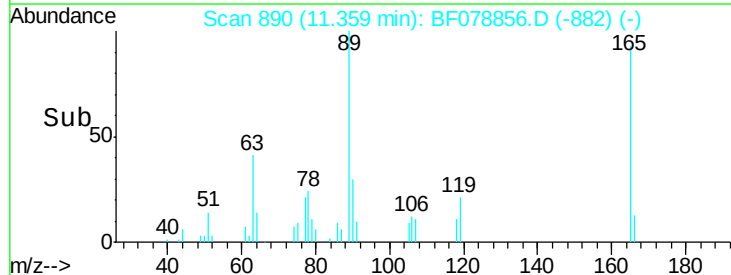
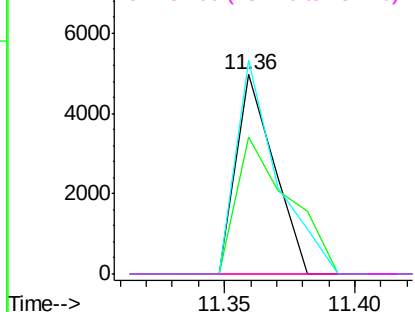


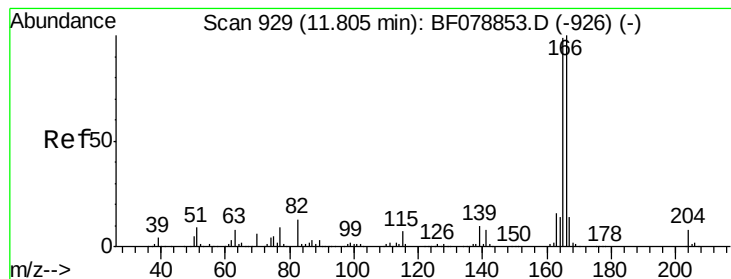
#56
2,4-Dinitrotoluene
Concen: 1.64 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:165 Resp: 5039
Ion Ratio Lower Upper
165 100
63 68.6 51.2 76.8
89 107.1 82.7 124.1
182 0.0 1.4 2.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 2.69 ng

RT: 11.80 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampled :

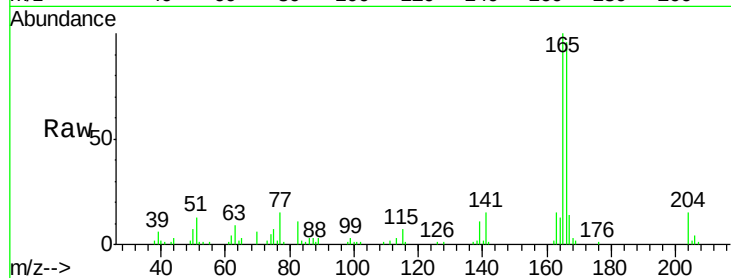
Tot Ion:166 Resp: 30713

Ion Ratio Lower Upper

166 100

165 103.8 78.5 117.7

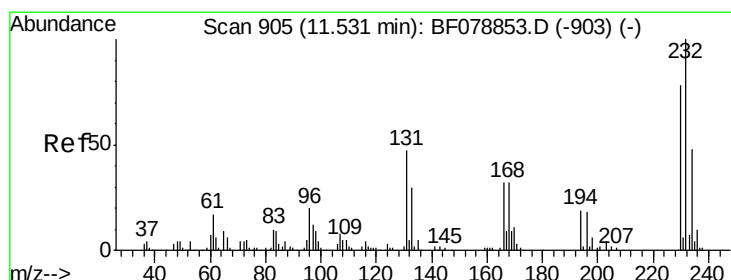
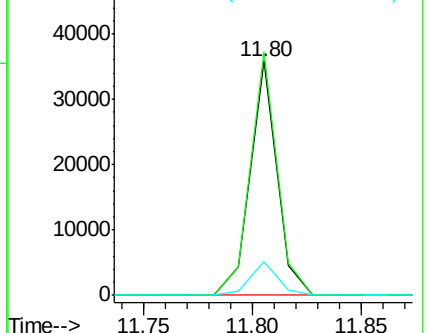
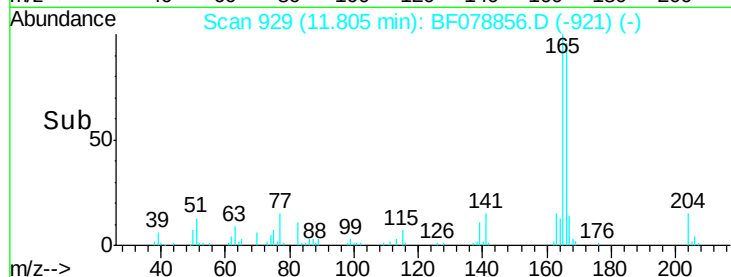
167 14.6 11.0 16.6



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: 2.11 ng

RT: 11.53 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Tgt Ion:232 Resp: 5420

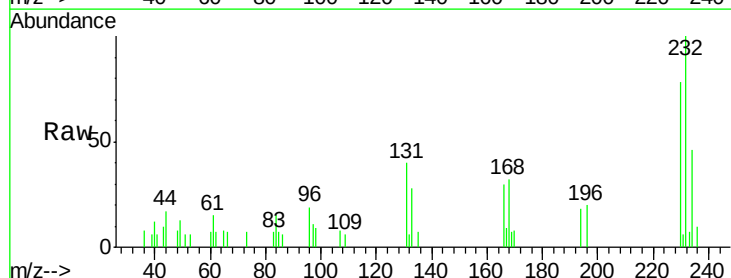
Ion Ratio Lower Upper

232 100

131 52.6 0.0 0.0#

130 0.0 0.0 0.0

166 33.1 0.0 0.0#

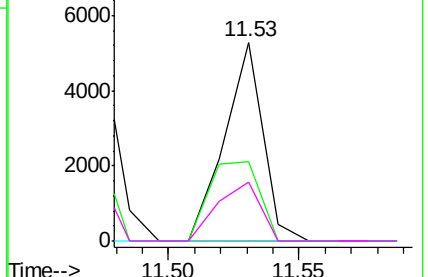
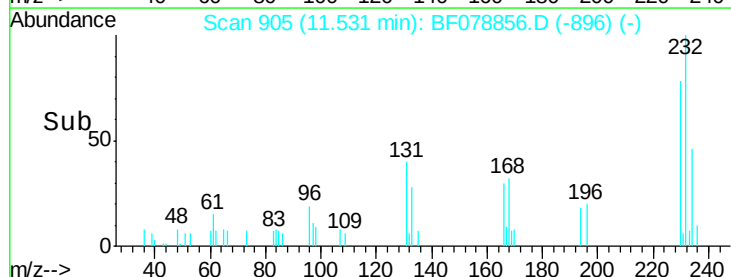


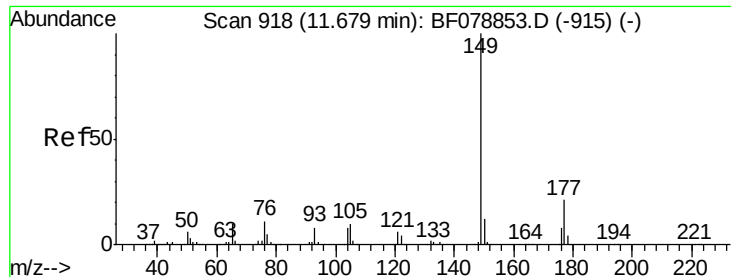
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

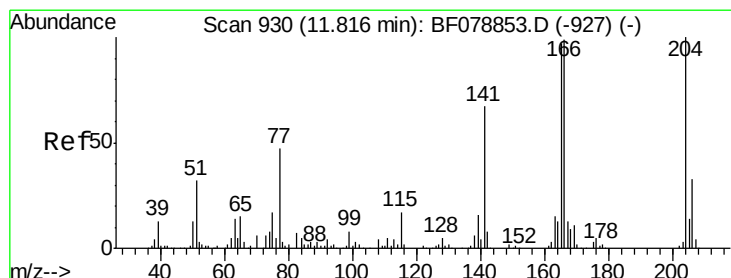
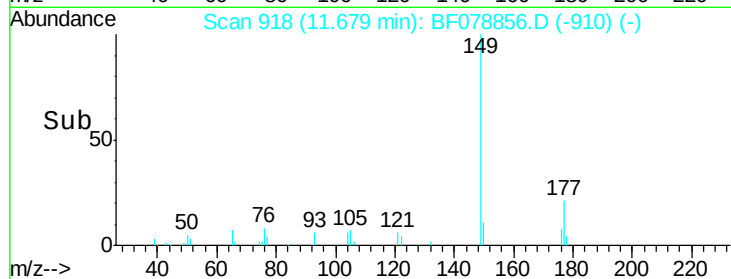
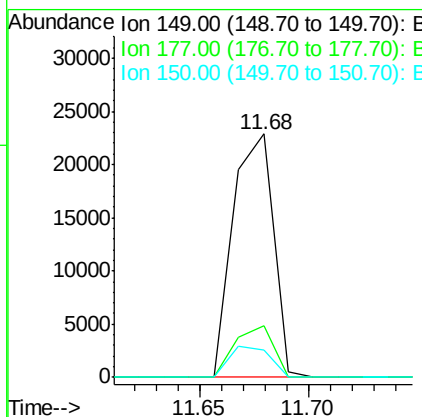
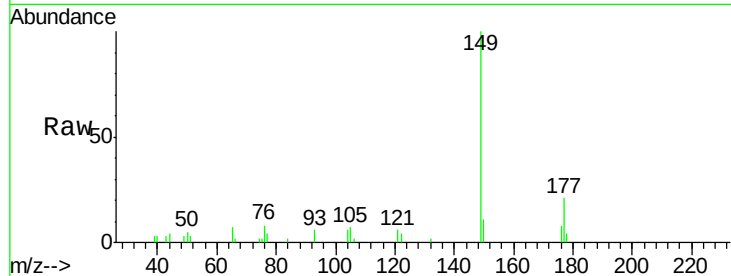




#59
Diethylphthalate
Concen: 2.53 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

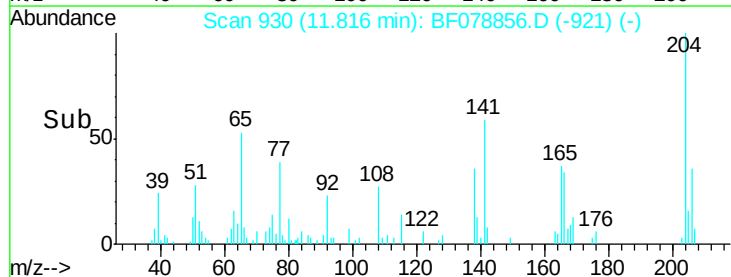
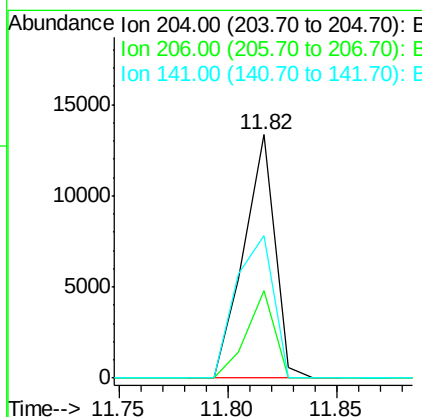
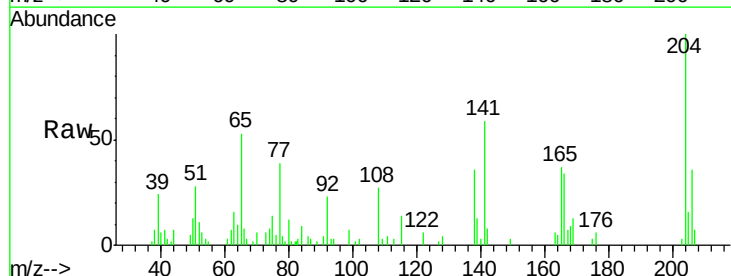
Instrument :
BNA_F
ClientSampleId :

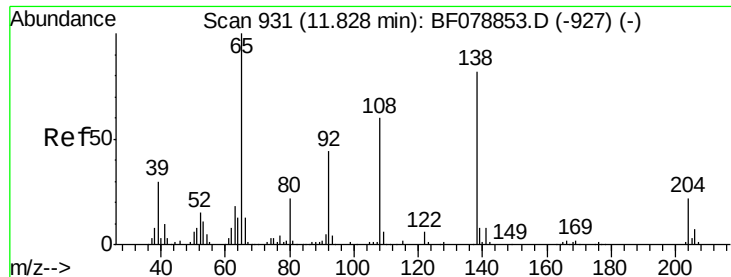
Tot Ion:149 Resp: 29403
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 11.0 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 2.61 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:204 Resp: 13289
Ion Ratio Lower Upper
204 100
206 35.7 26.9 40.3
141 58.8 48.3 72.5

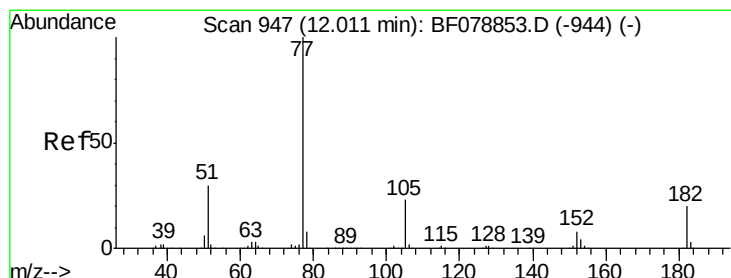
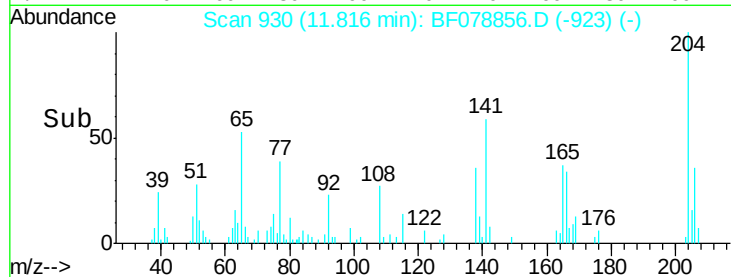
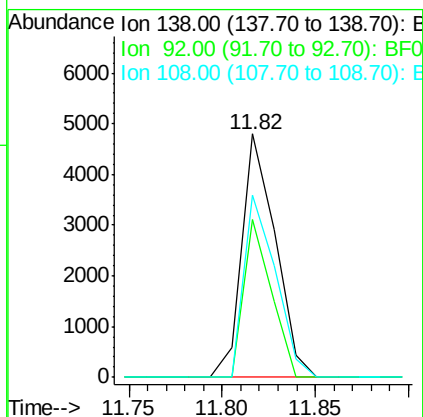
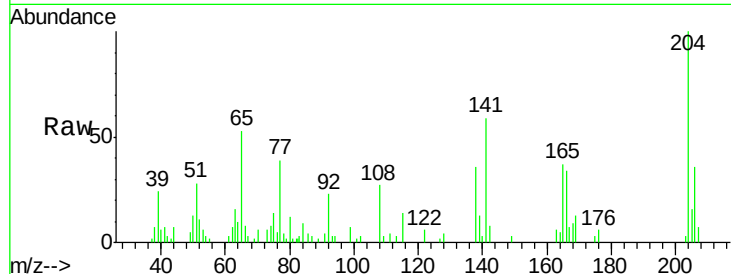




#61
4-Nitroaniline
Concen: 2.02 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

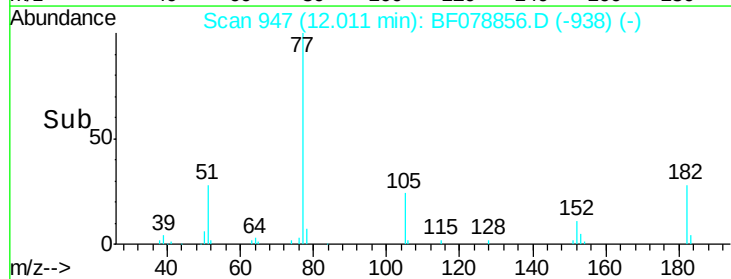
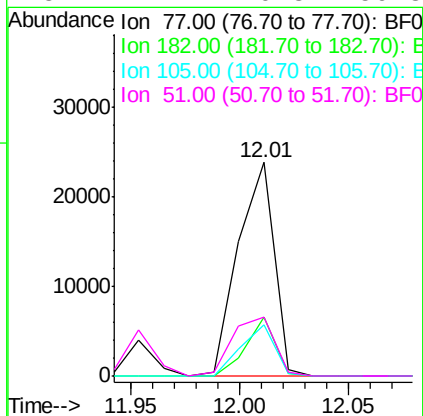
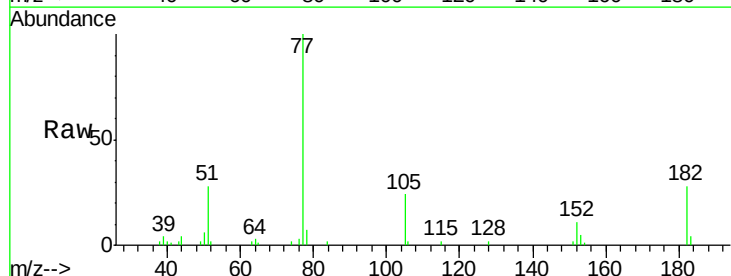
Instrument :
BNA_F
ClientSampleId :

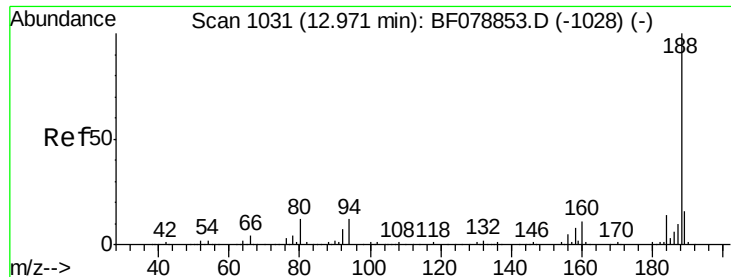
Tot Ion:138 Resp: 6010
Ion Ratio Lower Upper
138 100
92 64.9 28.0 68.0
108 74.9 56.3 96.3



#62
Azobenzene
Concen: 2.38 ng
RT: 12.01 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion: 77 Resp: 27479
Ion Ratio Lower Upper
77 100
182 27.6 3.8 43.8
105 23.9 3.9 43.9
51 27.7 10.8 50.8

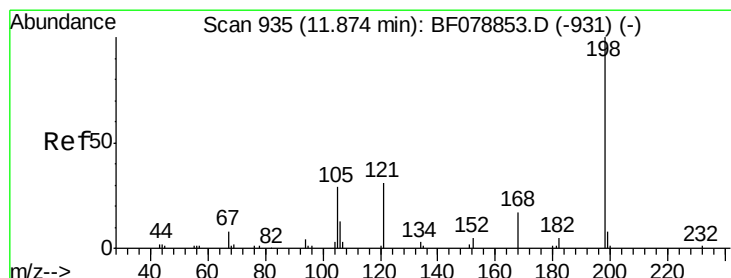
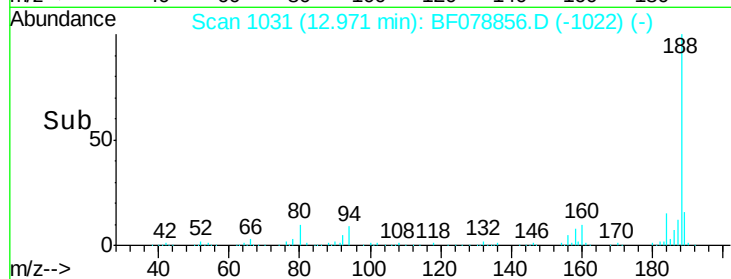
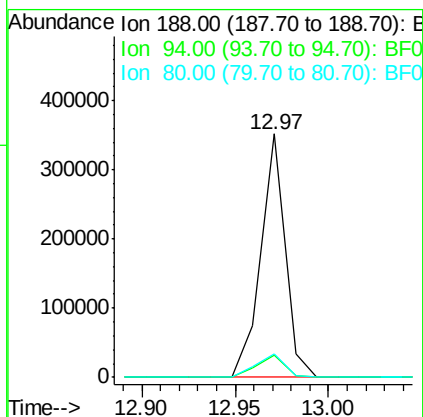
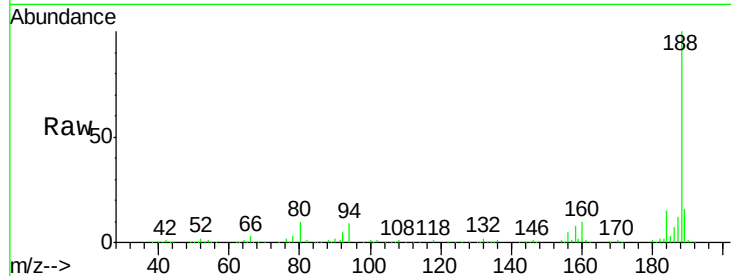




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

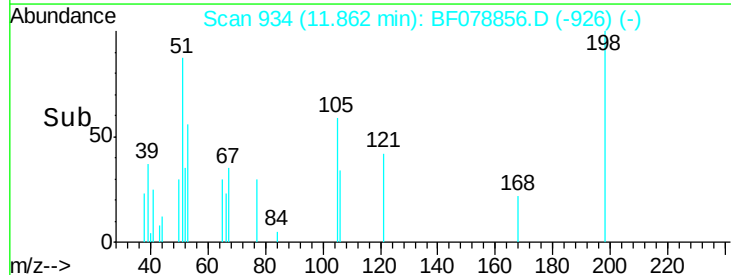
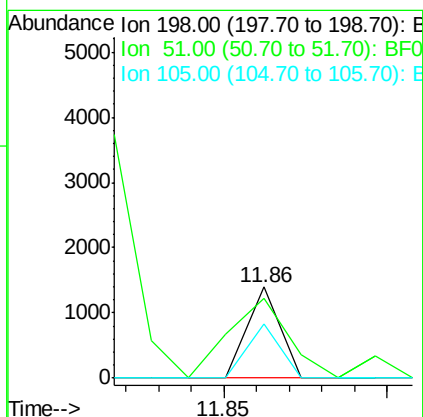
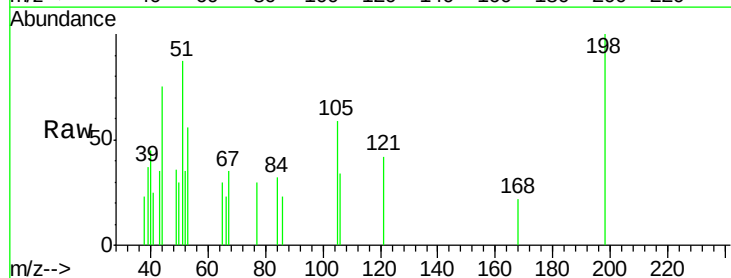
Instrument :
BNA_F
ClientSampleId :

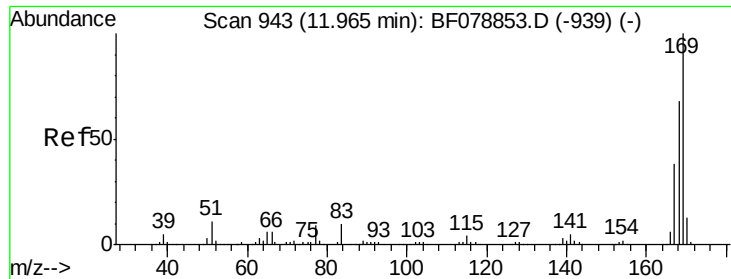
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.6	8.9	13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 0.76 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion	Ratio	Lower	Upper
198	100		
51	87.1	47.3	87.3
105	59.4	38.8	78.8

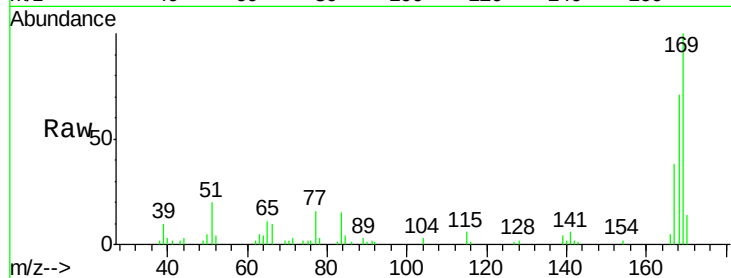




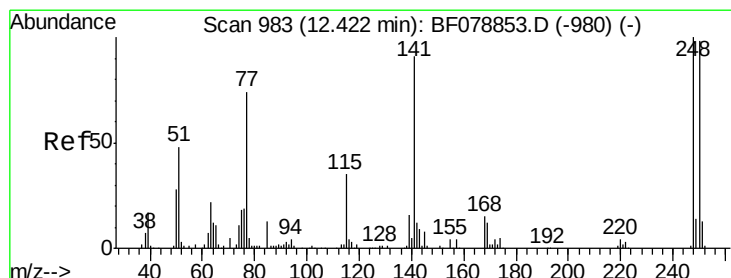
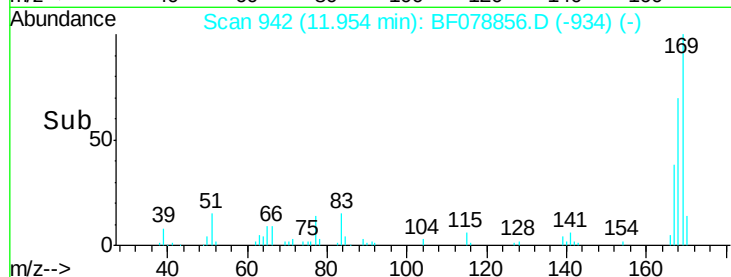
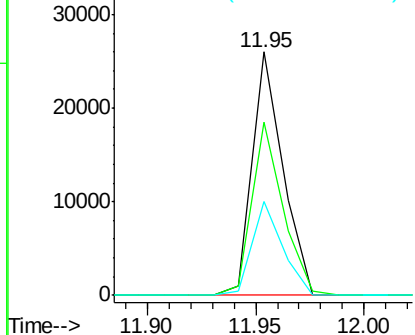
#65
 n-Nitrosodiphenylamine
 Concen: 2.40 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 25470
 Ion Ratio Lower Upper
 169 100
 168 71.3 54.6 82.0
 167 38.4 30.6 45.8

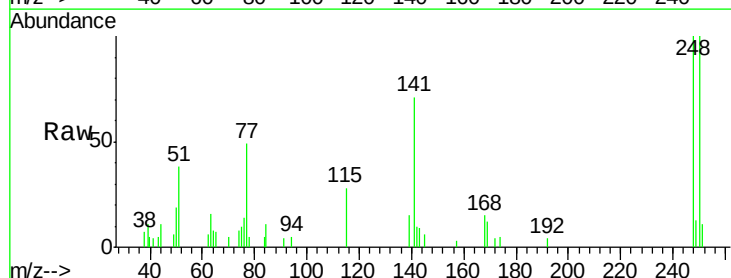


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

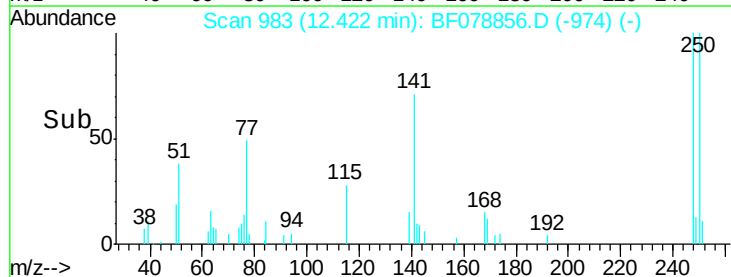
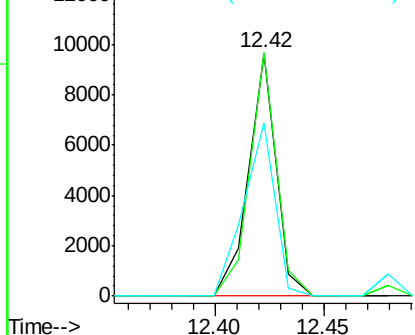


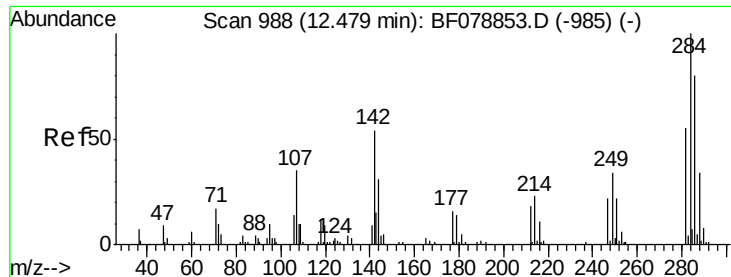
#66
 4-Bromophenyl-phenylether
 Concen: 2.59 ng
 RT: 12.42 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:248 Resp: 8518
 Ion Ratio Lower Upper
 248 100
 250 100.4 77.1 115.7
 141 71.2 58.8 88.2



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

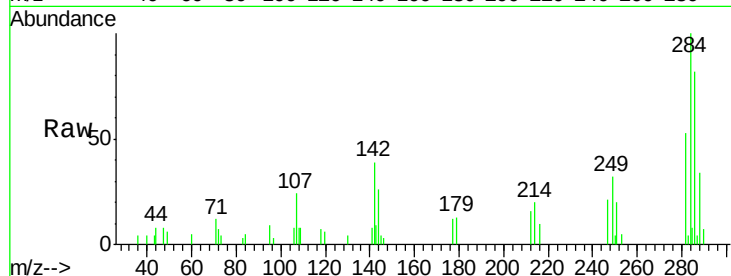




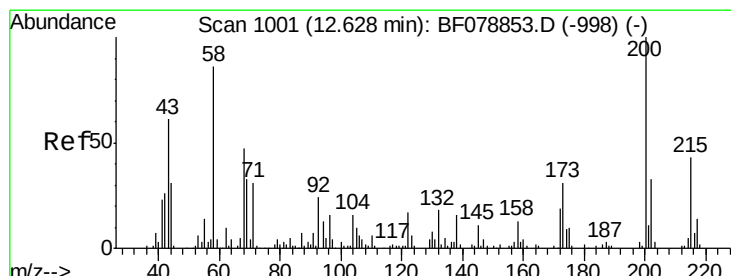
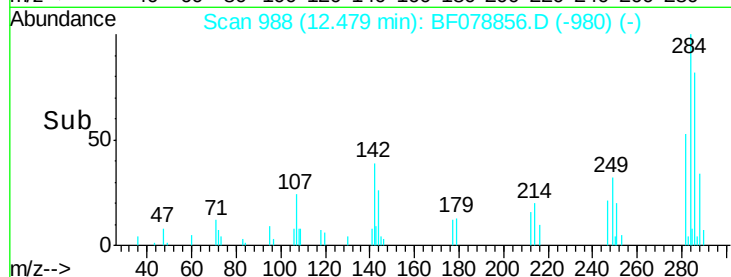
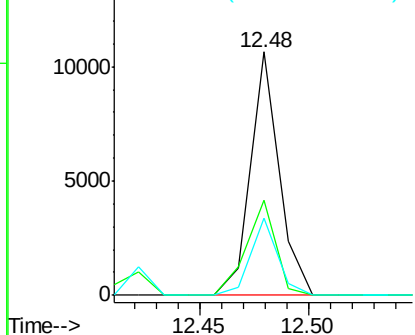
#67
Hexachlorobenzene
Concen: 2.59 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 9727
Ion Ratio Lower Upper
284 100
142 39.0 35.2 52.8
249 31.7 25.4 38.2

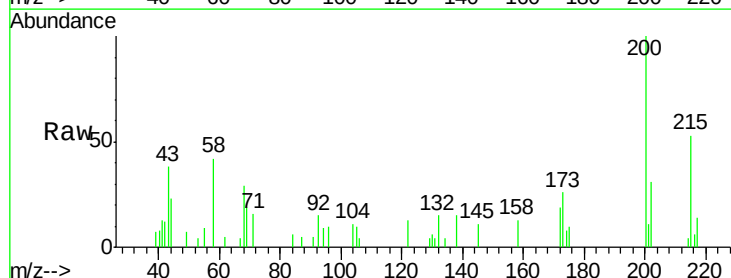


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

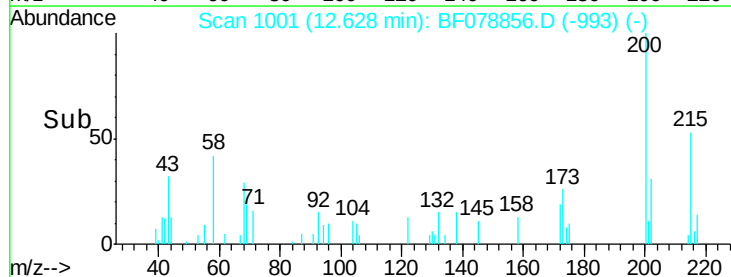
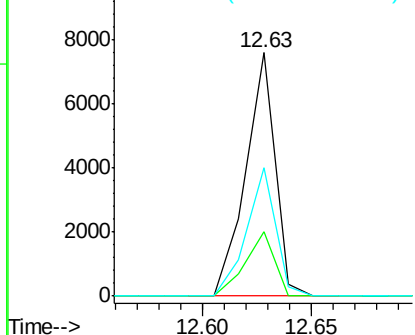


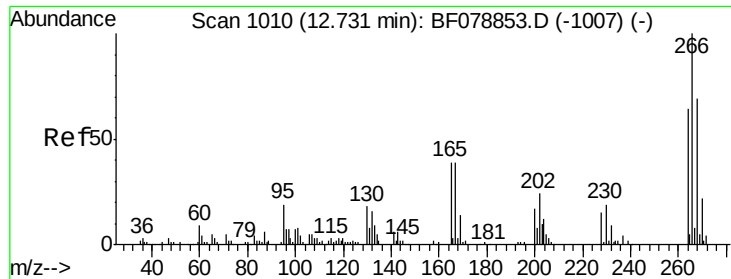
#68
Atrazine
Concen: 2.29 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:200 Resp: 7109
Ion Ratio Lower Upper
200 100
173 26.3 8.1 48.1
215 52.5 22.9 62.9



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

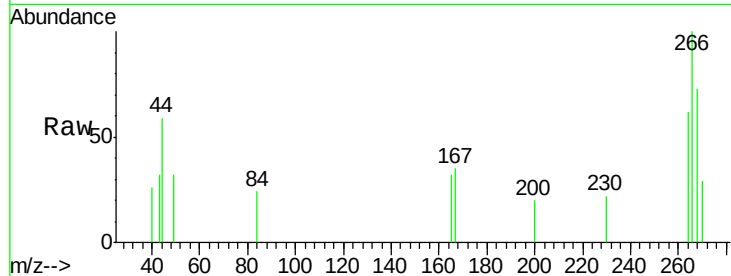




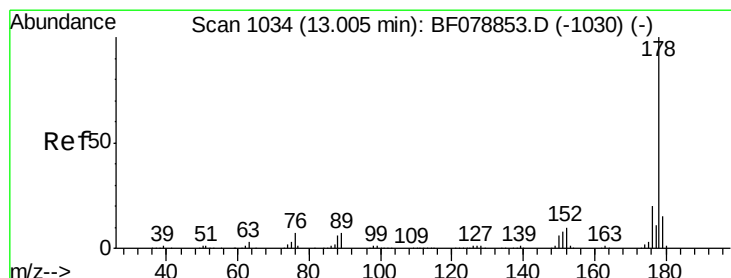
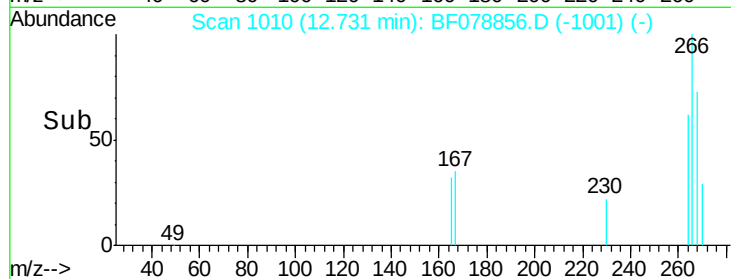
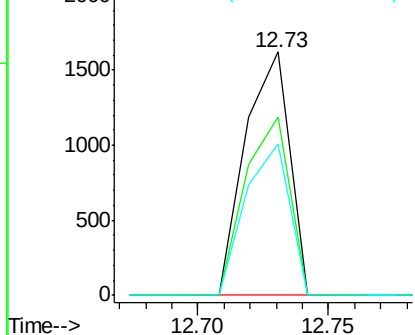
#69
 Pentachlorophenol
 Concen: 1.02 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 1930
 Ion Ratio Lower Upper
 266 100
 268 73.5 55.0 82.6
 264 62.3 48.2 72.2

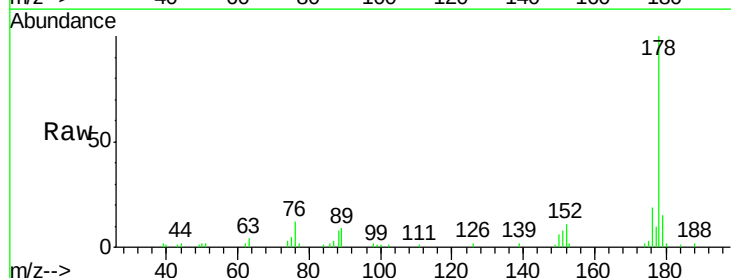


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

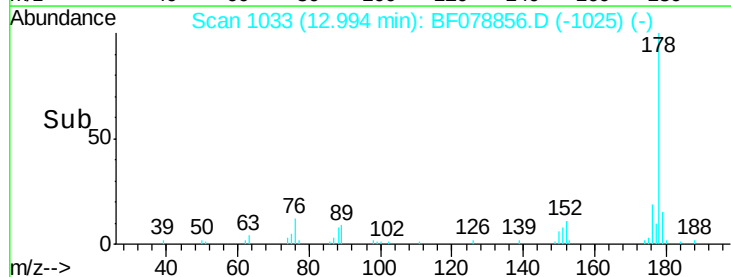
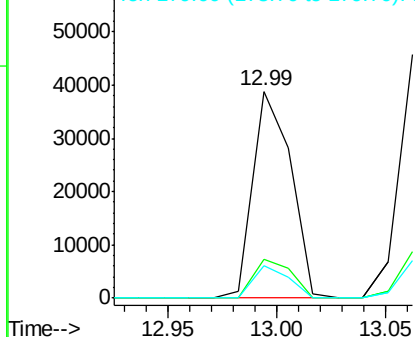


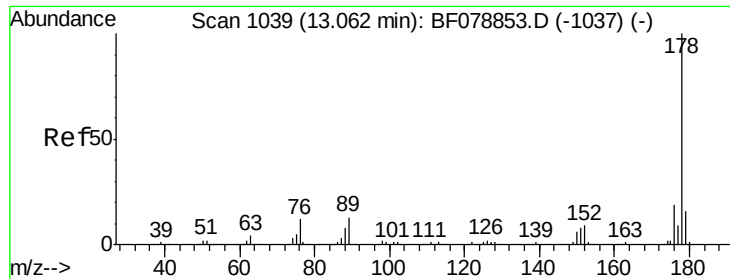
#70
 Phenanthrene
 Concen: 2.70 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:178 Resp: 47353
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.5 12.5 18.7



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

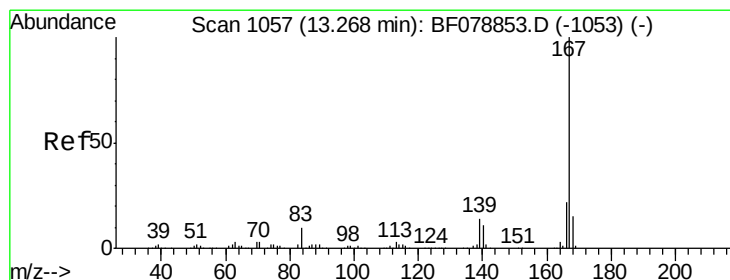
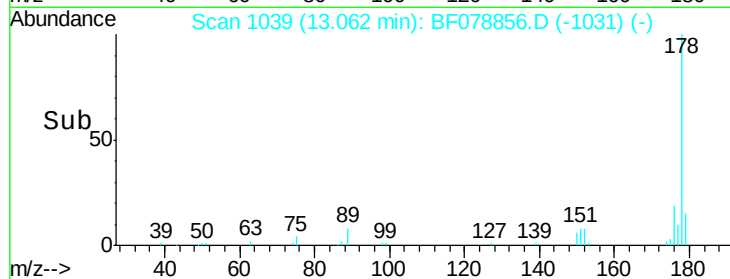
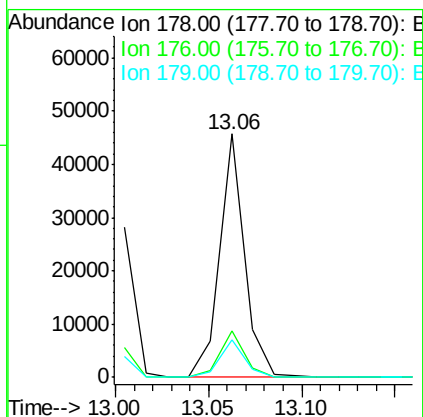
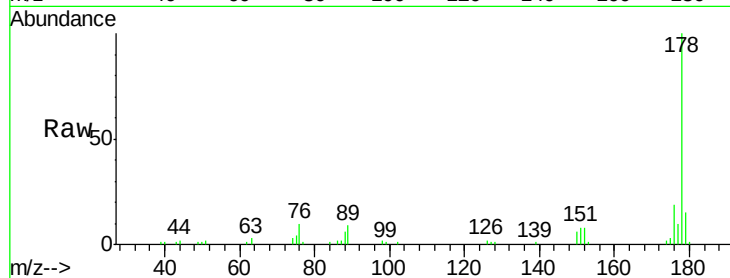




#71
 Anthracene
 Concen: 2.45 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

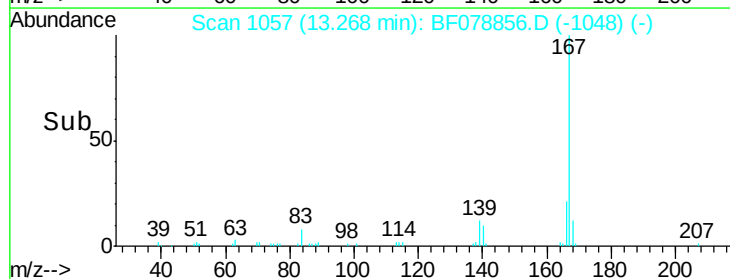
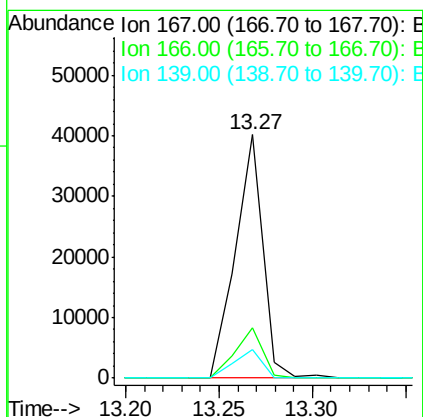
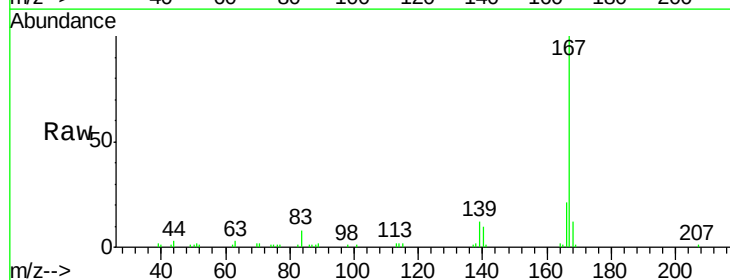
Instrument :
 BNA_F
 ClientSampleId :

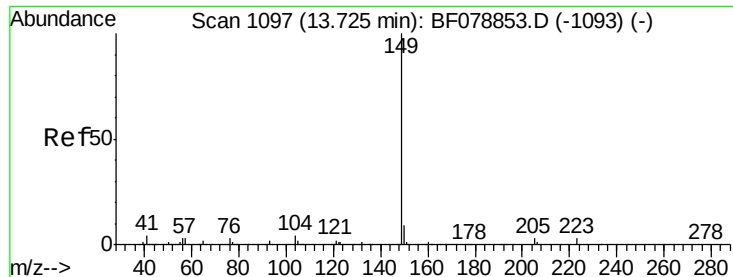
Tot Ion:178 Resp: 42757
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 2.52 ng
 RT: 13.27 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:167 Resp: 41713
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.8 26.8
 139 11.9 10.6 16.0





#73

Di-n-butylphthalate

Concen: 2.13 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

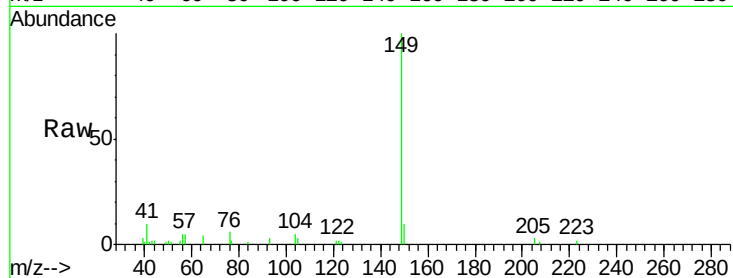
Tot Ion:149 Resp: 43348

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

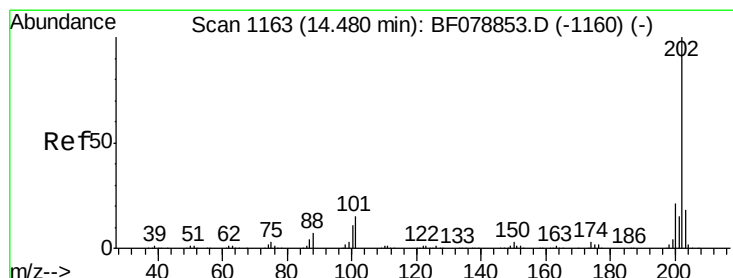
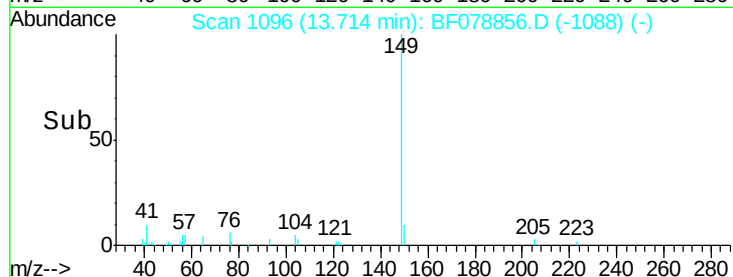
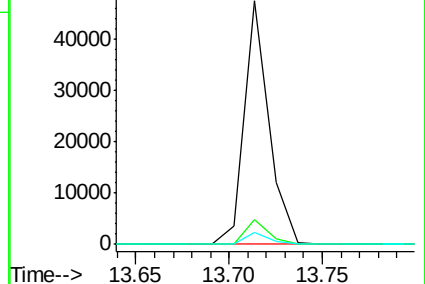
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.41 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

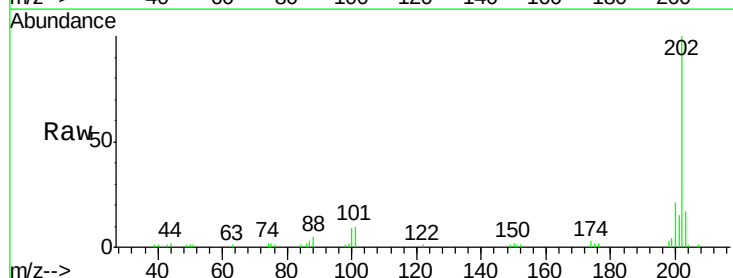
Tgt Ion:202 Resp: 44673

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

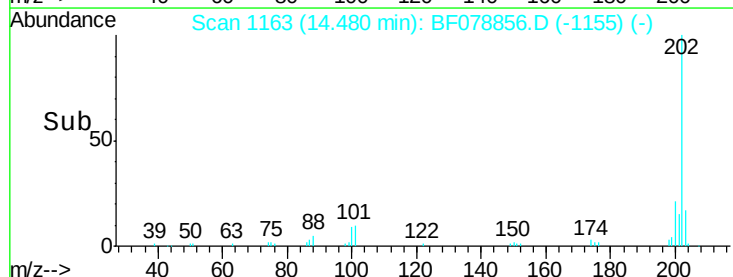
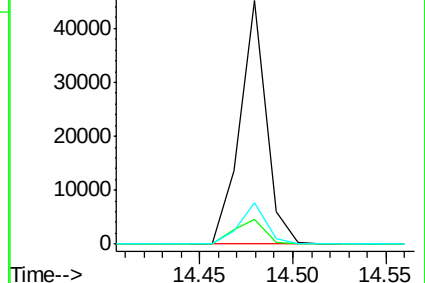
203 16.9 0.0 38.4

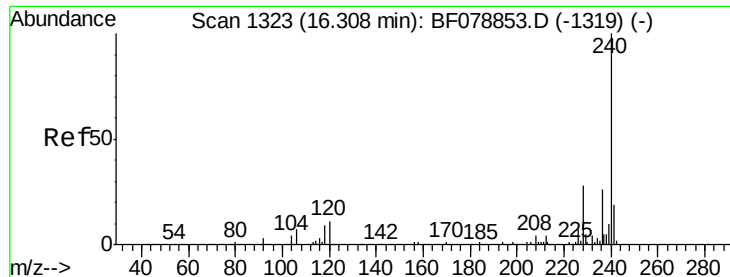


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

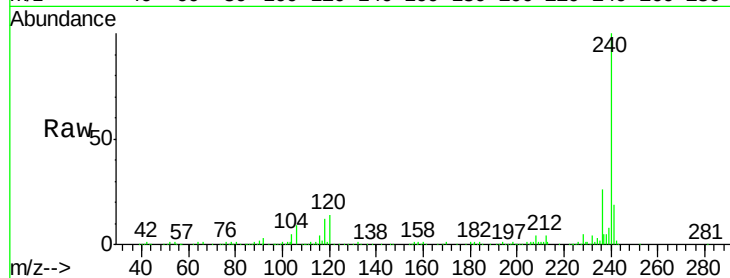
Tot Ion:240 Resp: 330072

Ion Ratio Lower Upper

240 100

120 13.5 9.7 14.5

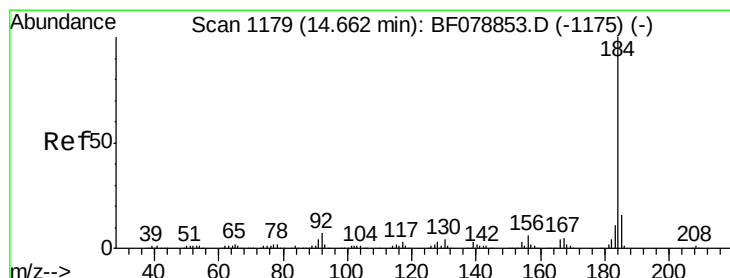
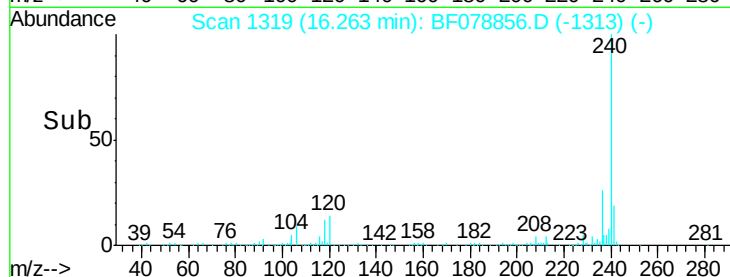
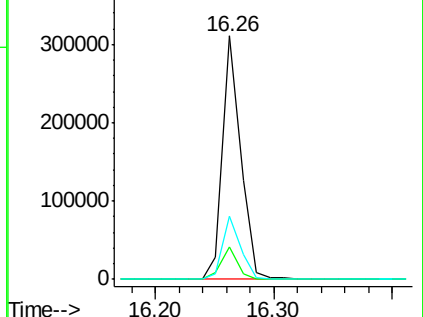
236 25.8 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.07 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

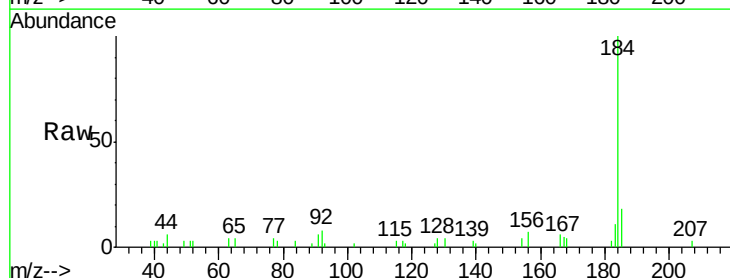
Tgt Ion:184 Resp: 18904

Ion Ratio Lower Upper

184 100

185 18.2 12.3 18.5

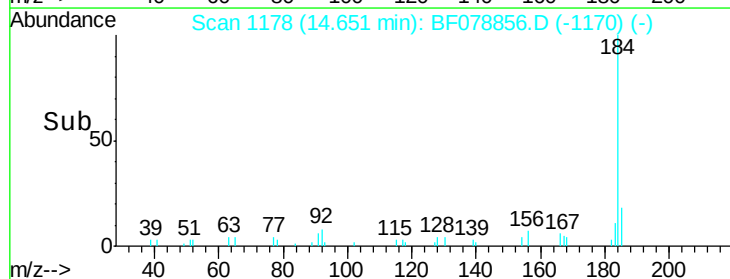
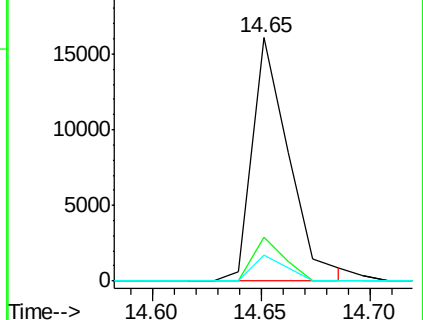
183 10.7 8.4 12.6

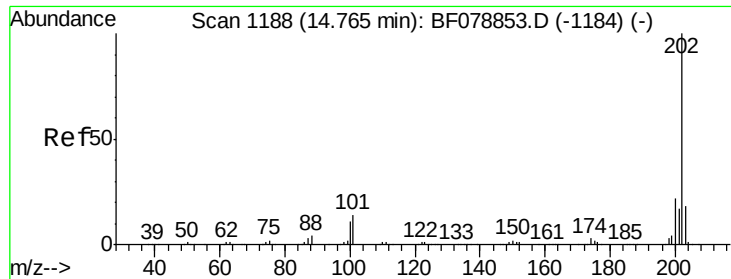


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

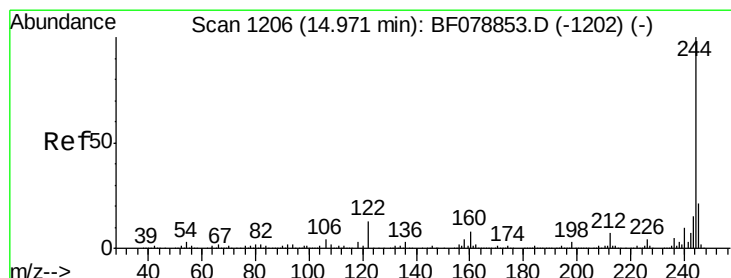
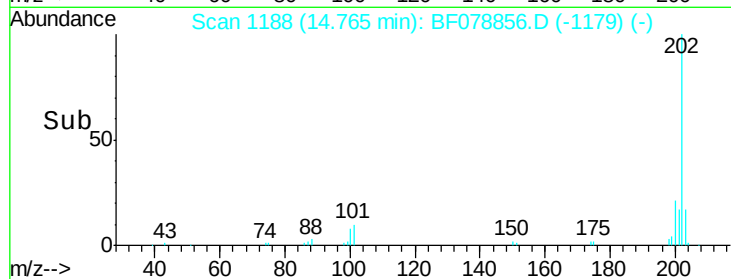
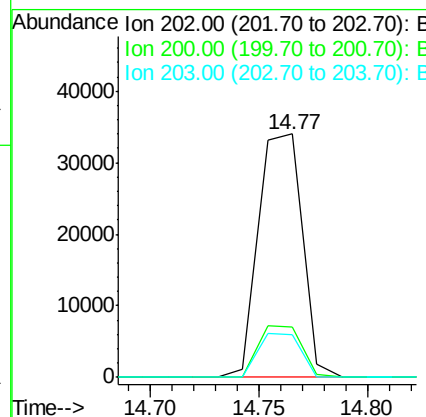
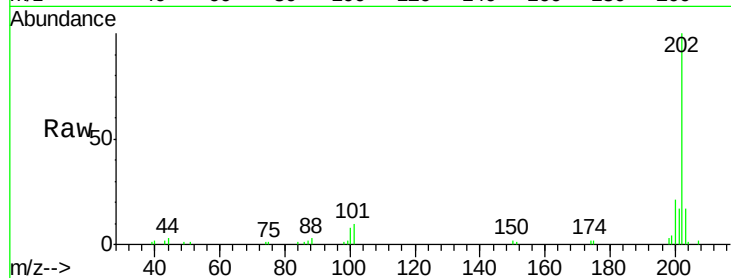




#77
 Pvrene
 Concen: 2.52 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

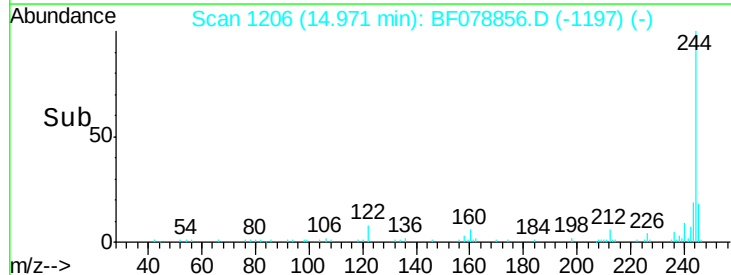
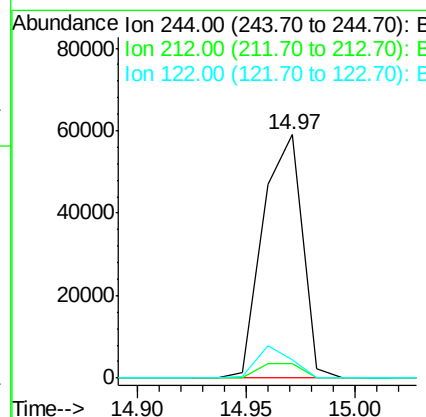
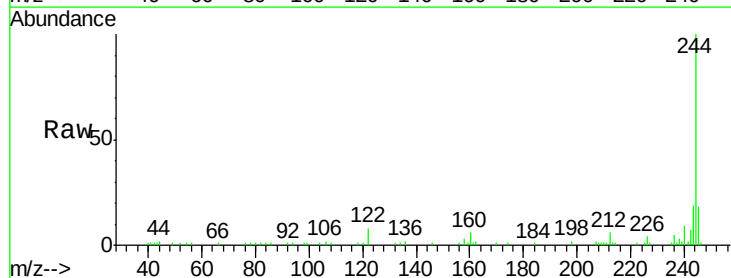
Instrument :
 BNA_F
 ClientSampleId :

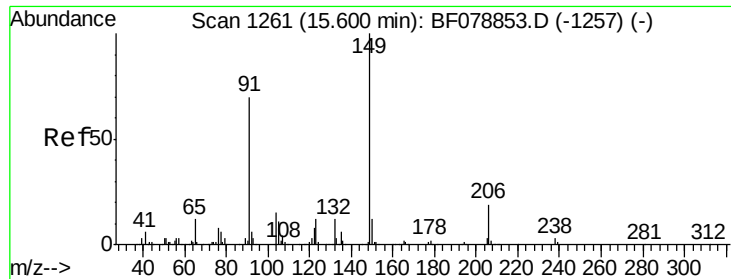
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	17.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 2.77 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	7.7	10.3	15.5#

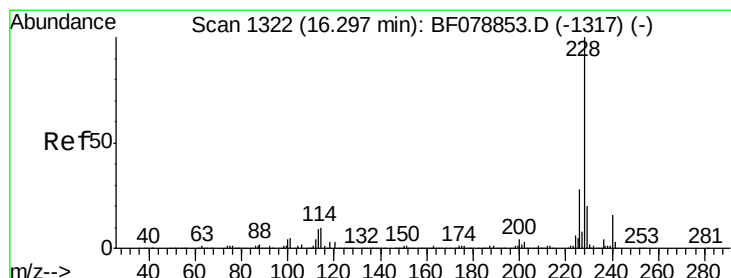
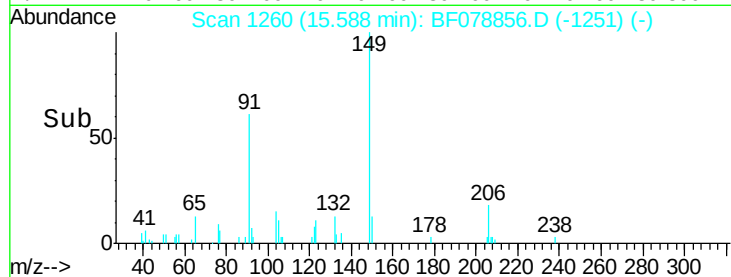
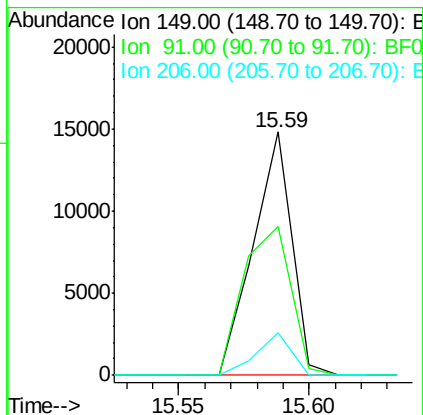
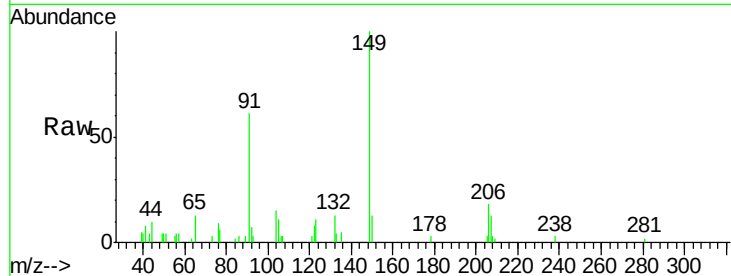




#79
Butylbenzylphthalate
Concen: 1.75 ng
RT: 15.59 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

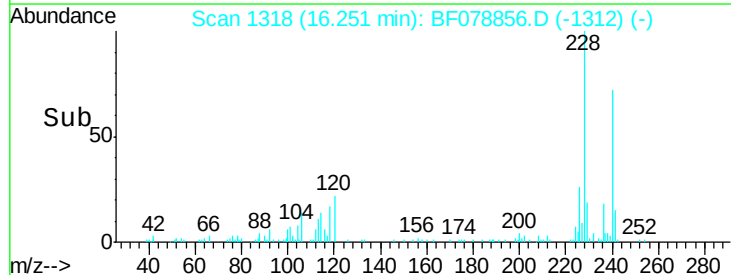
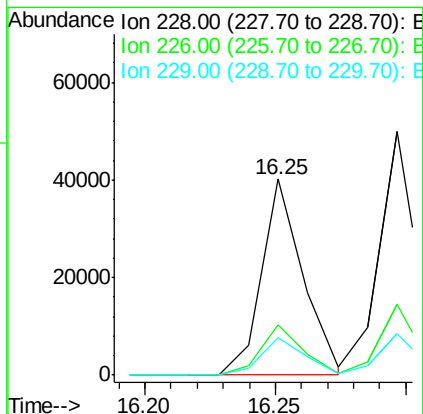
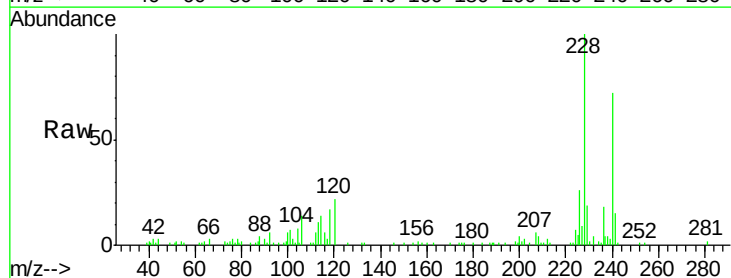
Instrument :
BNA_F
ClientSampleId :

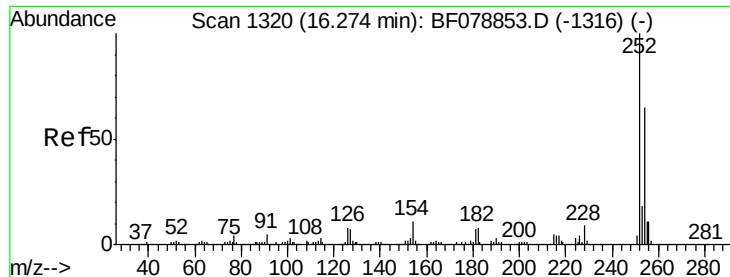
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	64.6	97.0#
206	17.6	12.2	18.4



#80
Benzo(a)anthracene
Concen: 2.45 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	19.2	15.9	23.9

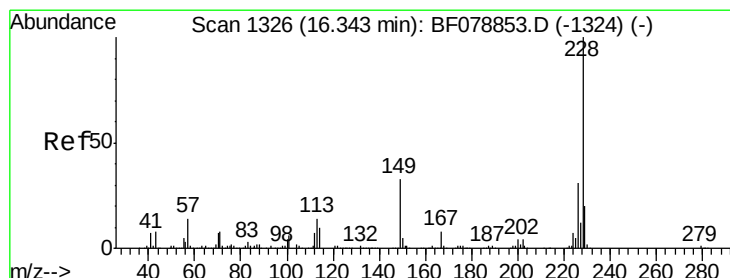
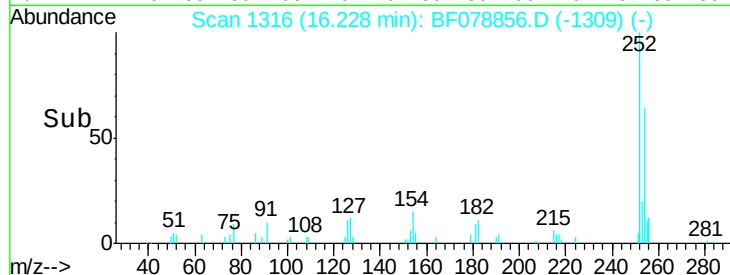
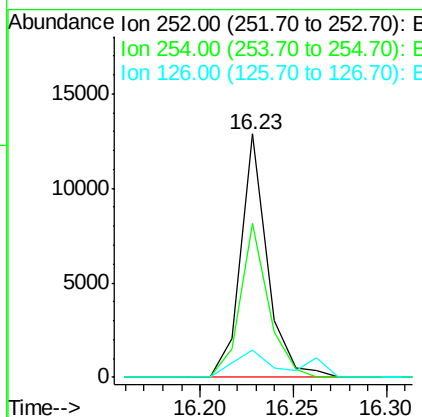
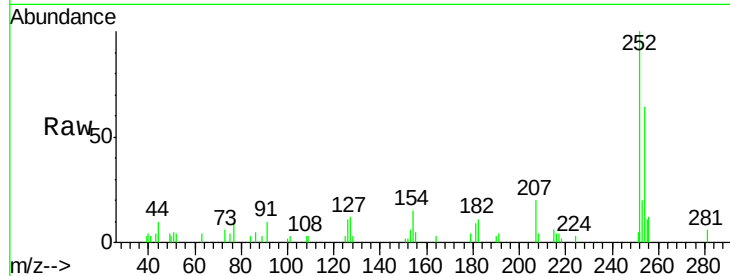




#81
 3,3'-Dichlorobenzidine
 Concen: 1.94 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

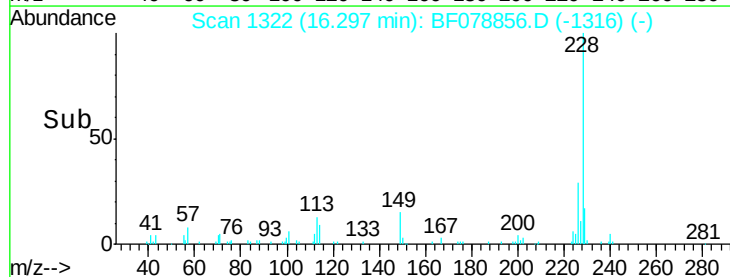
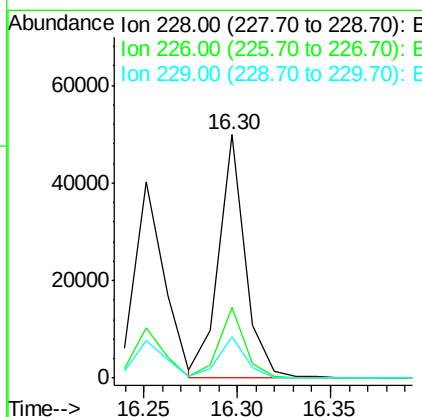
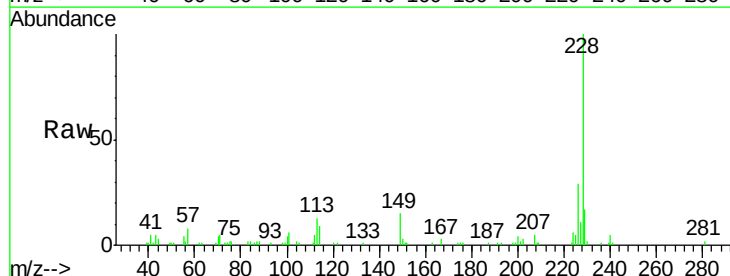
Instrument :
 BNA_F
 ClientSampleId :

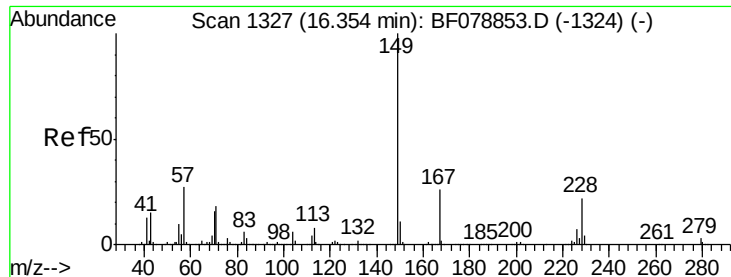
Tot Ion:252 Resp: 12889
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.3 76.9
 126 11.0 6.6 10.0#



#82
 Chrysene
 Concen: 2.94 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:228 Resp: 49838
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.9 37.3
 229 17.2 16.0 24.0

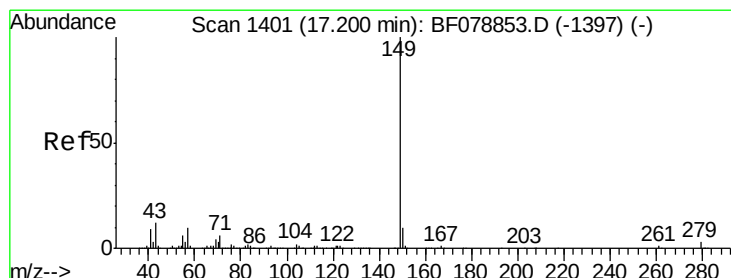
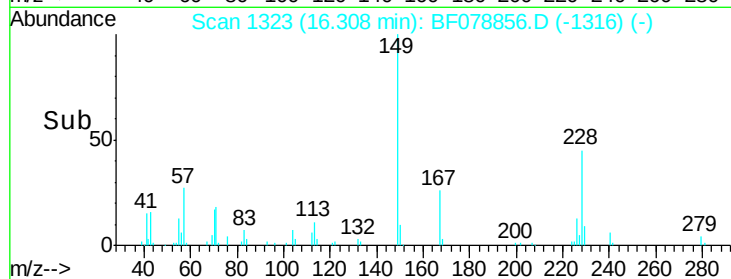
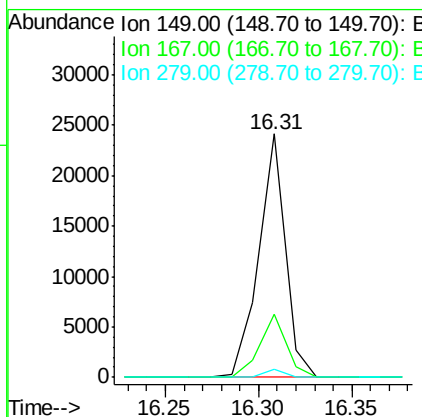
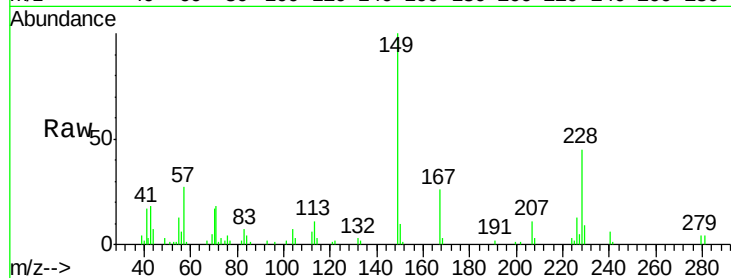




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.80 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

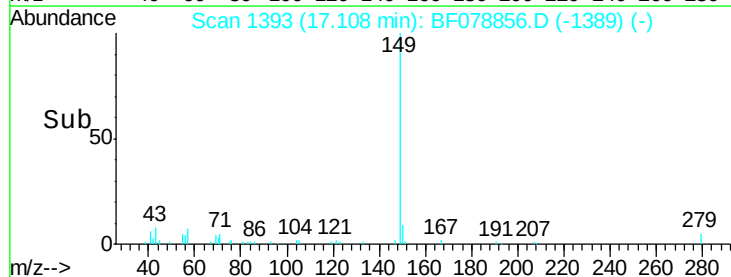
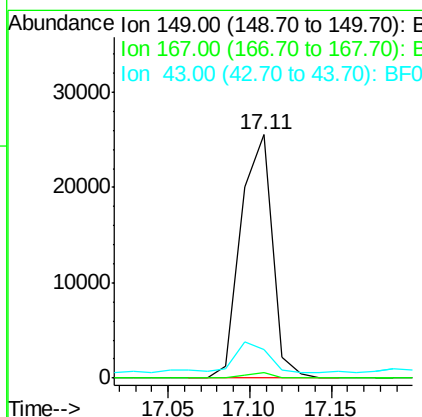
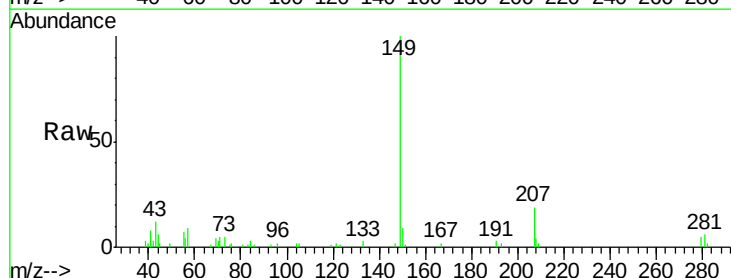
Instrument :
 BNA_F
 ClientSampleId :

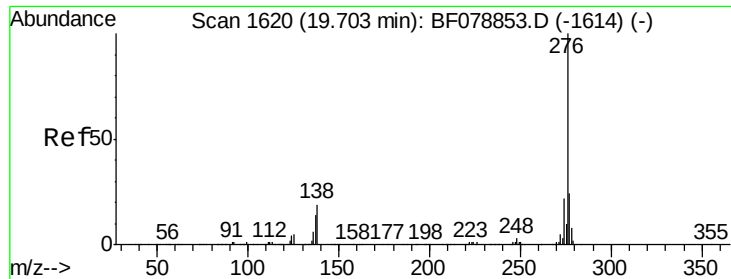
Tot Ion:149 Resp: 23653
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.8 32.8
 279 3.5 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 1.53 ng
 RT: 17.11 min Scan# 1393
 Delta R.T. -0.06 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Tgt Ion:149 Resp: 33938
 Ion Ratio Lower Upper
 149 100
 167 1.7 0.0 0.0#
 43 13.5 0.0 0.0#

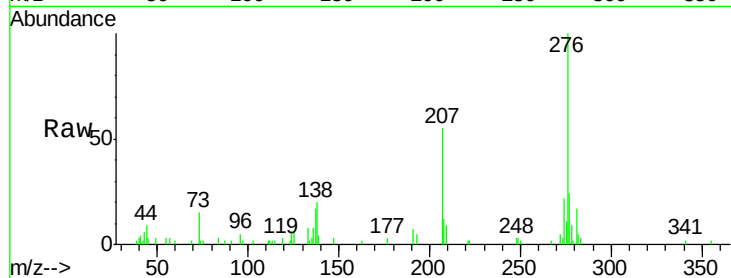




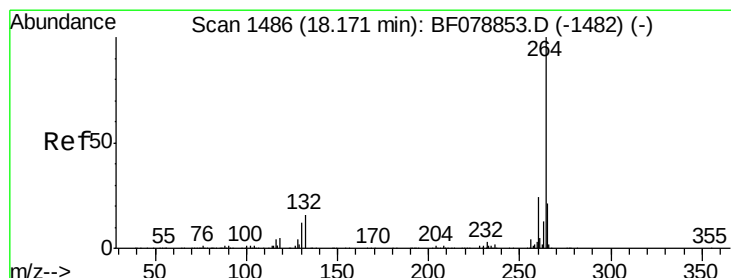
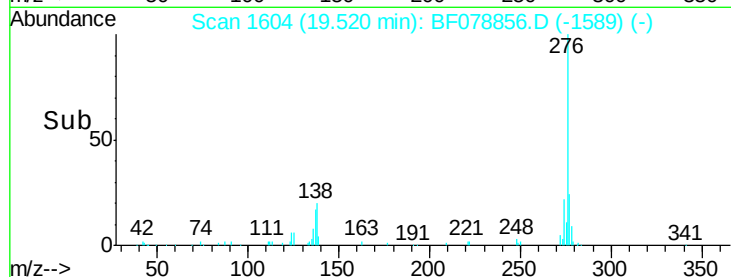
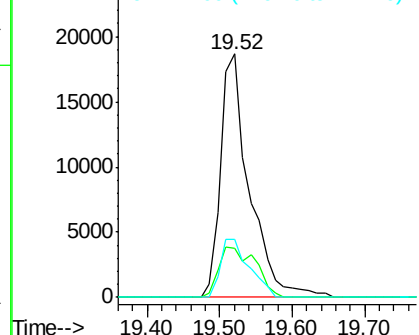
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.13 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 51399
Ion Ratio Lower Upper
276 100
138 26.3 0.0 0.0#
277 23.9 0.0 0.0#

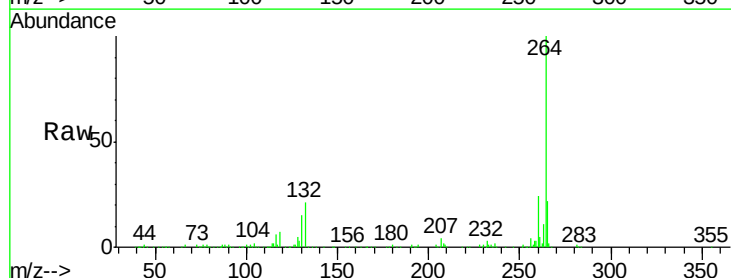


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

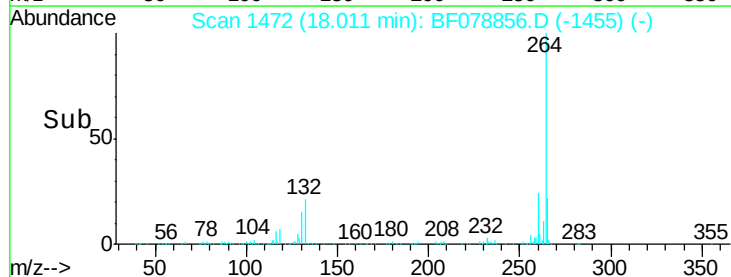
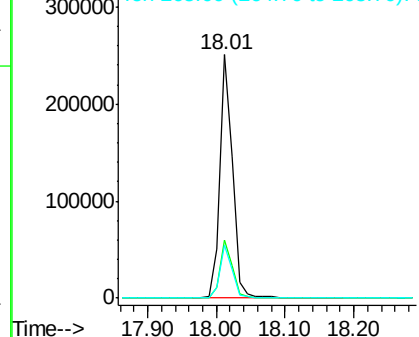


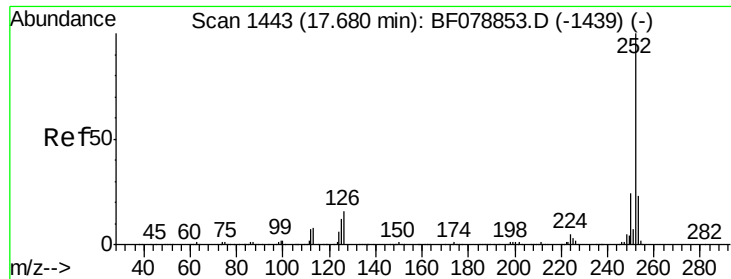
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.10 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:264 Resp: 328025
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.7 18.3 27.5



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

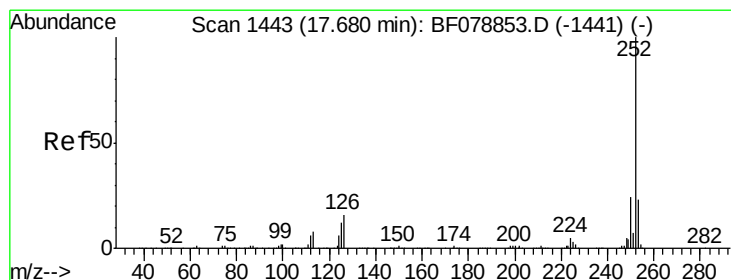
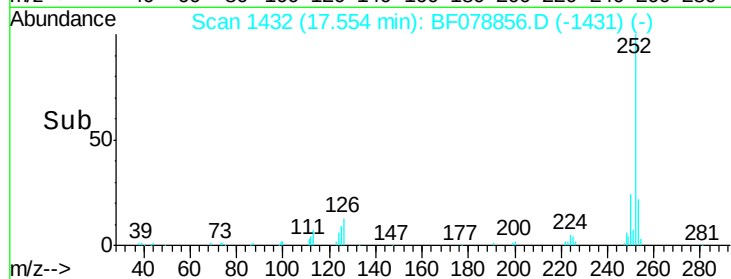
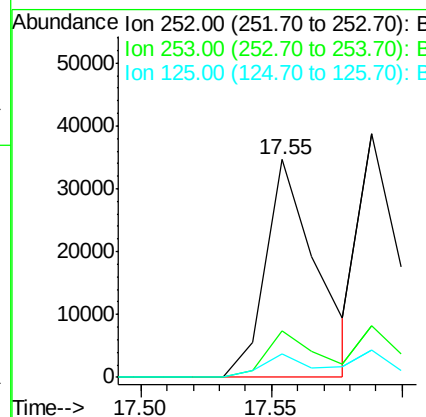
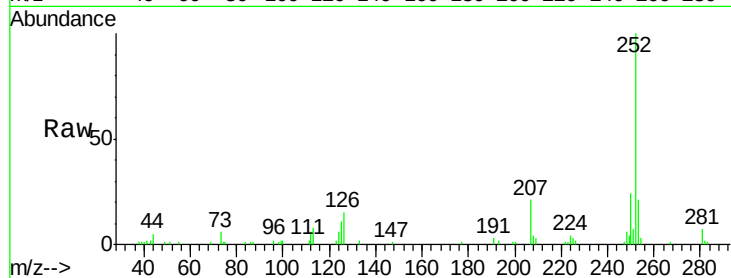




#87
Benzo(b)fluoranthene
Concen: 2.65 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.09 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

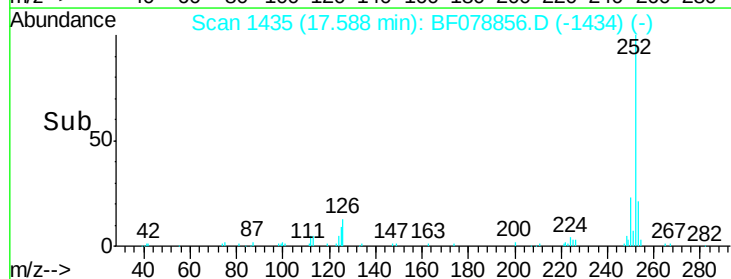
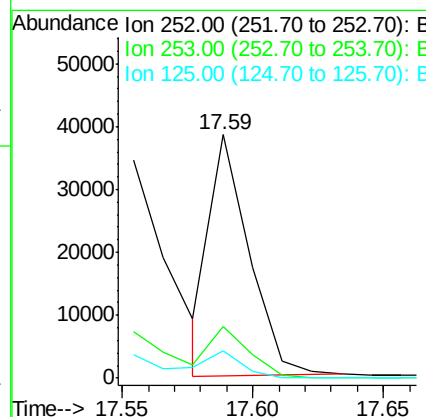
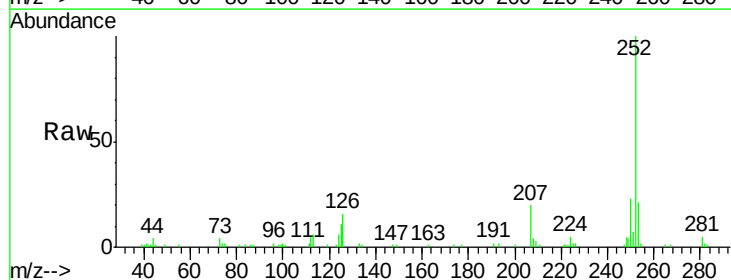
Instrument :
BNA_F
ClientSampled :

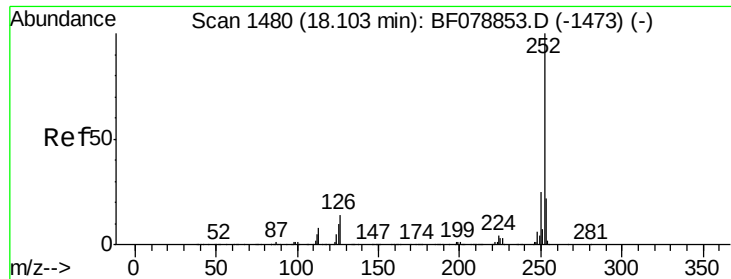
Tot Ion:252 Resp: 47209
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.8 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 2.26 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.09 min
Lab File: BF078856.D
Acq: 30 Apr 2015 18:27

Tgt Ion:252 Resp: 39845
Ion Ratio Lower Upper
252 100
253 20.9 18.1 27.1
125 11.2 10.0 15.0





#89

Benzo(a)pyrene

Concen: 2.47 ng

RT: 17.94 min Scan# 1466

Delta R.T. -0.10 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

Instrument :

BNA_F

ClientSampleId :

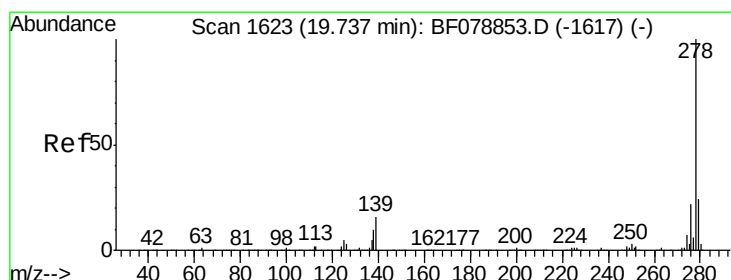
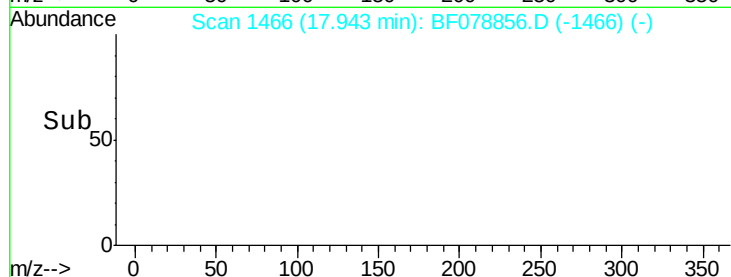
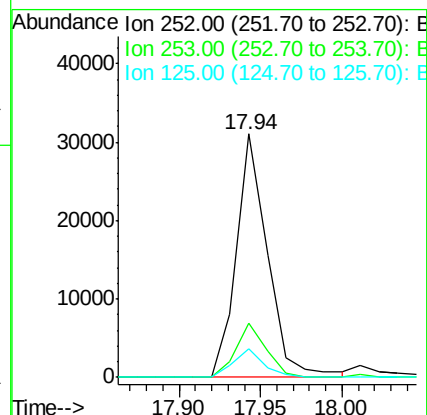
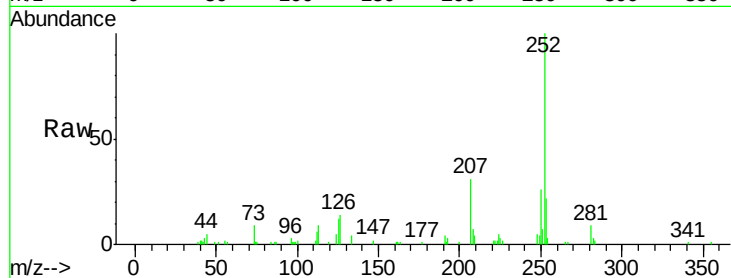
Tot Ion:252 Resp: 40965

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.7 7.0 10.6#



#90

Dibenzo(a,h)anthracene

Concen: 2.38 ng

RT: 19.55 min Scan# 1607

Delta R.T. -0.13 min

Lab File: BF078856.D

Acq: 30 Apr 2015 18:27

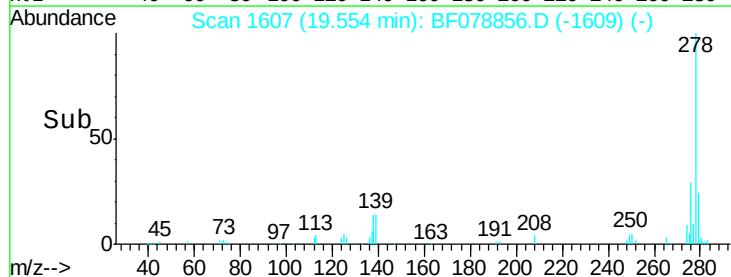
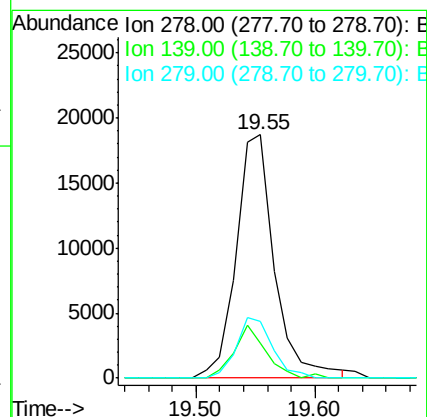
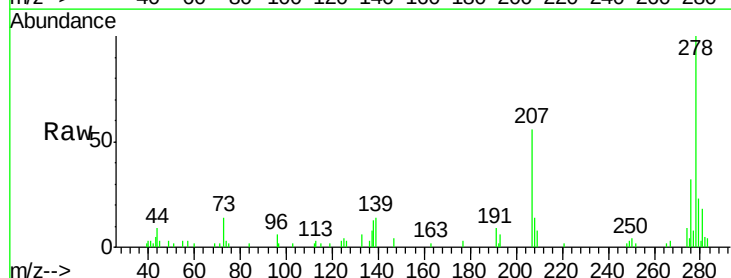
Tgt Ion:278 Resp: 42087

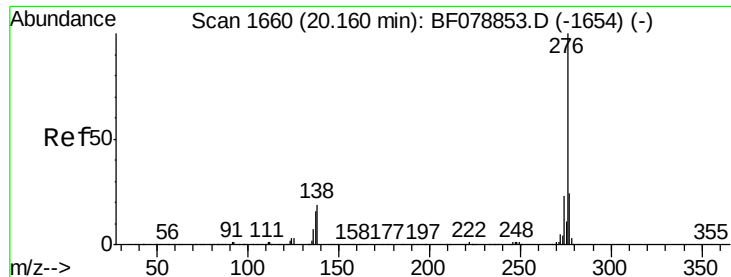
Ion Ratio Lower Upper

278 100

139 14.3 12.8 19.2

279 23.4 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.48 ng
 RT: 19.97 min Scan# 1643
 Delta R.T. -0.14 min
 Lab File: BF078856.D
 Acq: 30 Apr 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	21.5	17.4	26.0

