

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078809.D
 Acq On : 29 Apr 2015 13:15
 Operator : TP/IZ
 Sample : PB83058BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Quant Time: Apr 30 01:11:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79347	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	329780	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	158886	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	286326	20.00	ng	0.00
75) Chrysene-d12	16.30	240	297302	20.00	ng	0.00
86) Perylene-d12	18.10	264	294395	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	581634	134.63	ng	0.00
7) Phenol-d6	6.92	99	732947	127.03	ng	0.00
23) Nitrobenzene-d5	8.07	82	410281	89.57	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	204353	129.39	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	875602	75.47	ng	0.00
78) Terphenyl-d14	14.98	244	977915	78.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	72857	36.76	ng	# 32
3) Pyridine	3.15	79	200733	34.29	ng	99
4) n-Nitrosodimethylamine	3.06	42	90292	34.33	ng	98
6) Aniline	6.97	93	189276	22.46	ng	96
8) 2-Chlorophenol	7.11	128	214376	43.17	ng	92
9) Benzaldehyde	6.83	77	14688	3.53	ng	95
10) Phenol	6.95	94	279615	41.00	ng	93
11) bis(2-Chloroethyl)ether	7.07	93	208381	41.32	ng	90
12) 1,3-Dichlorobenzene	7.31	146	224745	38.98	ng	# 90
13) 1,4-Dichlorobenzene	7.40	146	234046	39.65	ng	97
14) 1,2-Dichlorobenzene	7.59	146	224495	40.70	ng	97
15) Benzyl Alcohol	7.55	79	174124	40.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.74	45	319138	40.48	ng	98
17) 2-Methylphenol	7.69	107	170887	42.51	ng	94
18) Hexachloroethane	8.01	117	80410	41.24	ng	91
19) n-Nitroso-di-n-propylamine	7.90	70	166382	41.33	ng	# 87
20) 3+4-Methylphenols	7.88	107	228446	43.62	ng	90
22) Acetophenone	7.88	105	305569	41.82	ng	# 91
24) Nitrobenzene	8.09	77	213471	43.52	ng	93
25) Isophorone	8.40	82	410476	39.64	ng	# 91
26) 2-Nitrophenol	8.49	139	81158	56.08	ng	# 88
27) 2,4-Dimethylphenol	8.55	122	195223	42.50	ng	95
28) bis(2-Chloroethoxy)methane	8.67	93	273489	42.77	ng	98
29) 2,4-Dichlorophenol	8.78	162	174531	44.45	ng	93
30) 1,2,4-Trichlorobenzene	8.89	180	180520	40.04	ng	94
31) Naphthalene	8.99	128	611076	39.04	ng	98
32) Benzoic acid	8.63	122	87332	62.65	ng	96
33) 4-Chloroaniline	9.05	127	126373	19.18	ng	# 93
34) Hexachlorobutadiene	9.14	225	101636	39.95	ng	97
35) Caprolactam	9.47	113	54336	43.46	ng	95
36) 4-Chloro-3-methylphenol	9.66	107	187267	45.43	ng	91
37) 2-Methylnaphthalene	9.85	142	438277	41.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	170276	37.82	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	178142	94.14	ng	96

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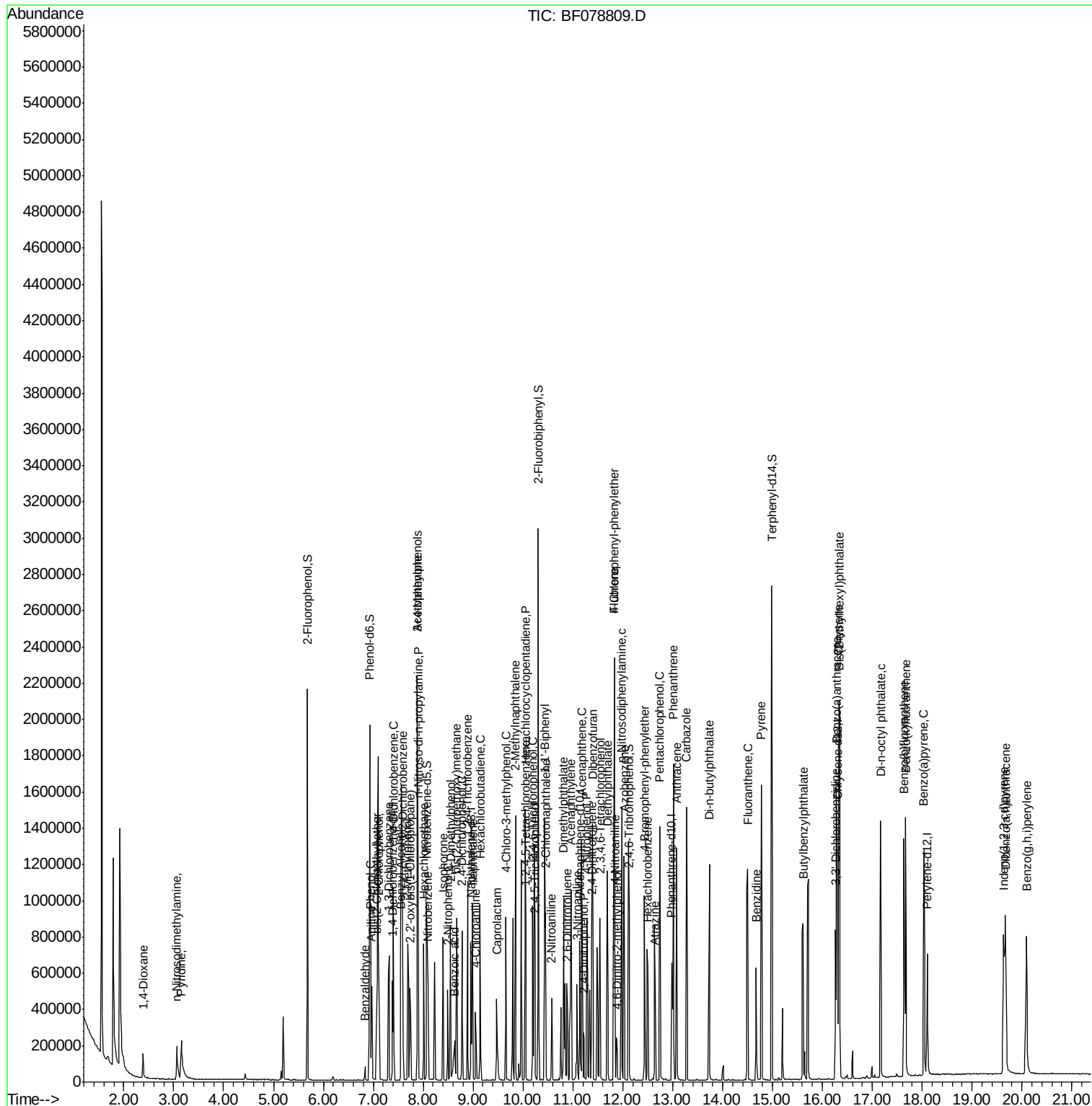
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	117787	42.94	ng	94
43) 2,4,5-Trichlorophenol	10.24	196	125494	42.98	ng	# 89
45) 1,1'-Biphenyl	10.43	154	522213	40.95	ng	97
46) 2-Chloronaphthalene	10.46	162	384339	38.57	ng	93
47) 2-Nitroaniline	10.57	65	103118	47.38	ng	# 83
48) Acenaphthylene	10.96	152	634840	38.93	ng	100
49) Dimethylphthalate	10.81	163	447095	39.58	ng	99
50) 2,6-Dinitrotoluene	10.89	165	85451	46.44	ng	# 68
51) Acenaphthene	11.18	154	381394	39.83	ng	99
52) 3-Nitroaniline	11.08	138	69010	28.90	ng	85
53) 2,4-Dinitrophenol	11.22	184	41658	141.68	ng	# 74
54) Dibenzofuran	11.39	168	567742	40.41	ng	98
55) 4-Nitrophenol	11.28	139	168886	87.49	ng	# 69
56) 2,4-Dinitrotoluene	11.38	165	116091	51.31	ng	# 72
57) Fluorene	11.83	166	456063	40.61	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	99441	45.48	ng	# 100
59) Diethylphthalate	11.69	149	437522	38.92	ng	97
60) 4-Chlorophenyl-phenylether	11.83	204	201487	40.32	ng	93
61) 4-Nitroaniline	11.84	138	95577	40.12	ng	94
62) Azobenzene	12.02	77	479590	41.85	ng	94
64) 4,6-Dinitro-2-methylphenol	11.88	198	29738	58.47	ng	# 65
65) n-Nitrosodiphenylamine	11.98	169	393605	42.52	ng	99
66) 4-Bromophenyl-phenylether	12.43	248	121052	41.88	ng	# 87
67) Hexachlorobenzene	12.50	284	138113	42.19	ng	# 76
68) Atrazine	12.65	200	116581	47.02	ng	92
69) Pentachlorophenol	12.74	266	152671	86.52	ng	97
70) Phenanthrene	13.02	178	666855	43.01	ng	100
71) Anthracene	13.09	178	667736	44.05	ng	99
72) Carbazole	13.28	167	627381	43.83	ng	99
73) Di-n-butylphthalate	13.74	149	708024	42.70	ng	# 98
74) Fluoranthene	14.50	202	696490	45.05	ng	92
76) Benzidine	14.67	184	241818	25.13	ng	99
77) Pyrene	14.78	202	702841	40.46	ng	99
79) Butylbenzylphthalate	15.61	149	298089	44.75	ng	# 79
80) Benzo(a)anthracene	16.29	228	659902	41.37	ng	99
81) 3,3'-Dichlorobenzidine	16.26	252	181386	33.41	ng	# 96
82) Chrysene	16.33	228	629766	40.50	ng	100
83) Bis(2-ethylhexyl)phthalate	16.34	149	450893	42.17	ng	99
84) Di-n-octyl phthalate	17.17	149	735707	43.21	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.63	276	774969	43.93	ng	# 100
87) Benzo(b)fluoranthene	17.63	252	707188	44.38	ng	99
88) Benzo(k)fluoranthene	17.67	252	597638	38.70	ng	99
89) Benzo(a)pyrene	18.03	252	637139	44.69	ng	# 96
90) Dibenzo(a,h)anthracene	19.67	278	629080	42.60	ng	99
91) Benzo(g,h,i)perylene	20.09	276	639497	43.15	ng	99

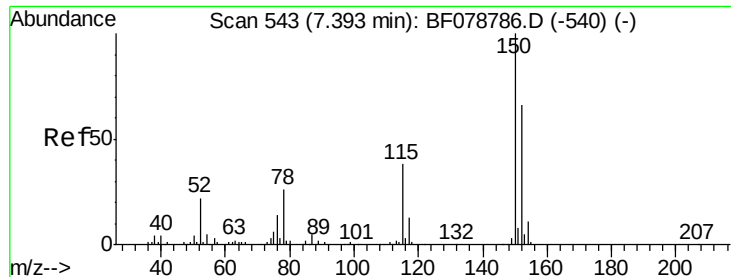
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

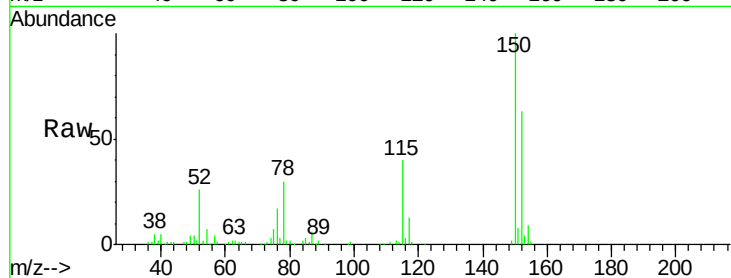
Tgt Ion:152 Resp: 79347

Ion Ratio Lower Upper

152 100

150 159.9 122.0 183.0

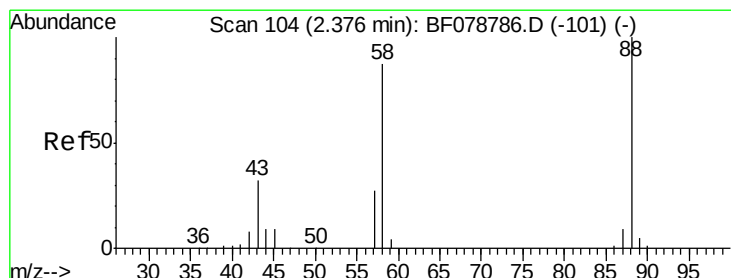
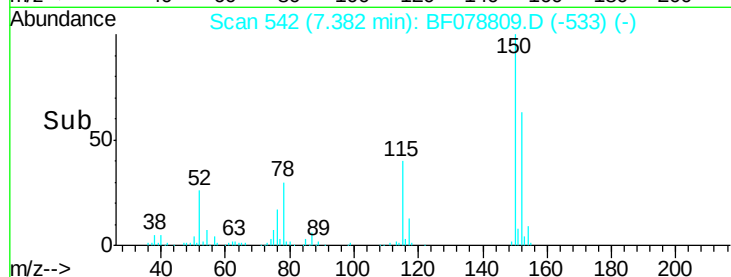
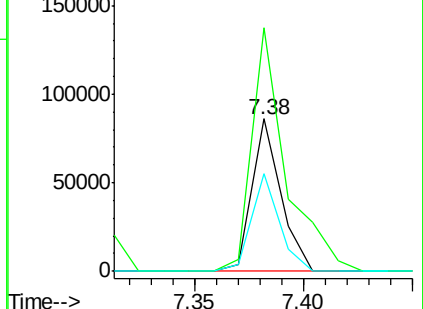
115 64.6 46.3 69.5



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



#2

1,4-Dioxane

Concen: 36.76 ng

RT: 2.39 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

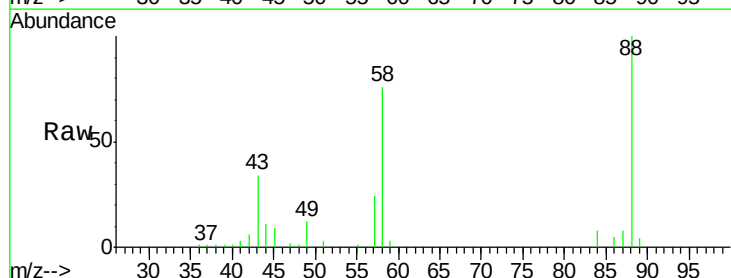
Tgt Ion: 88 Resp: 72857

Ion Ratio Lower Upper

88 100

58 79.5 0.0 0.0#

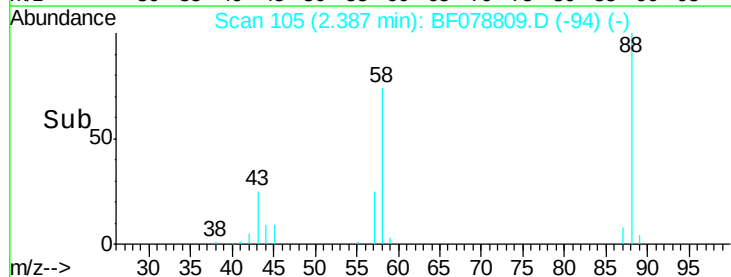
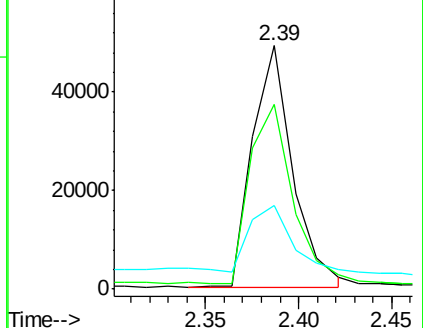
43 26.5 3.3 4.9#

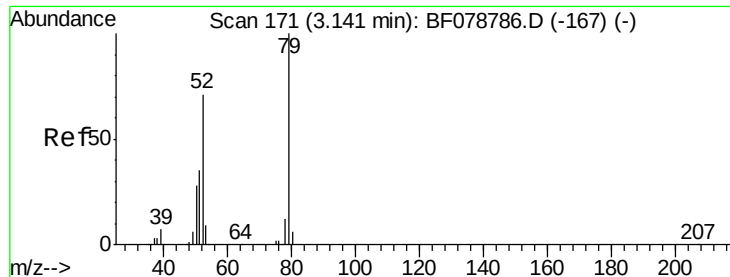


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.29 ng

RT: 3.15 min Scan# 172

Delta R.T. 0.03 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

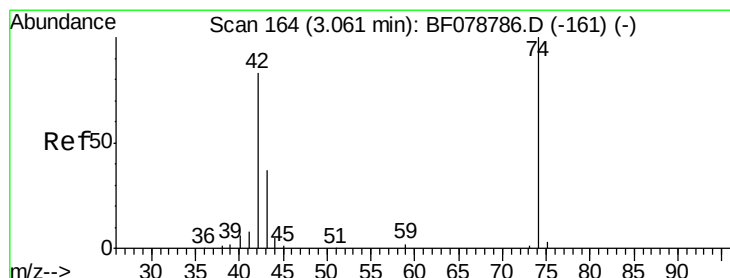
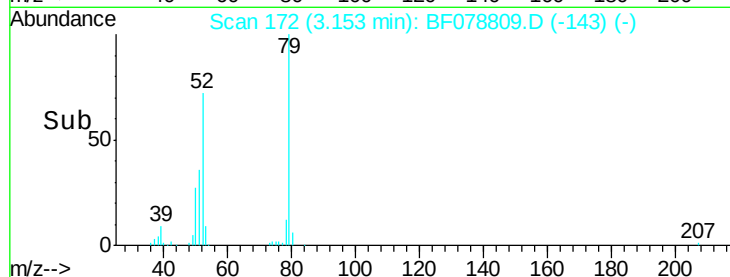
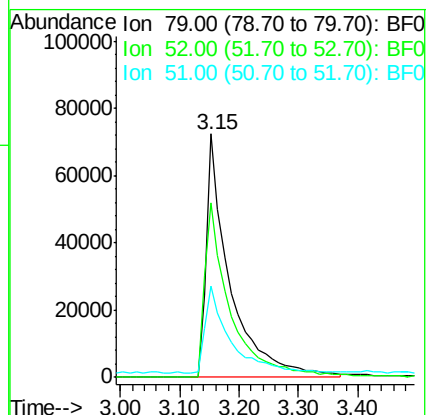
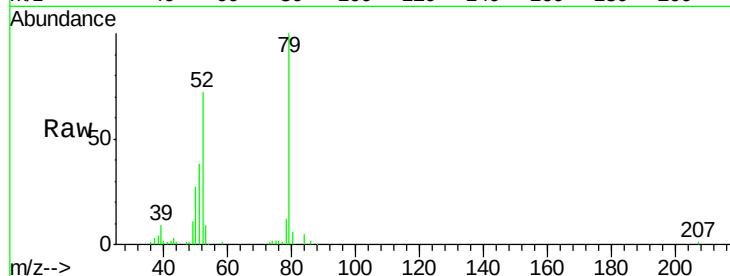
Tgt Ion: 79 Resp: 200733

Ion Ratio Lower Upper

79 100

52 71.6 57.2 85.8

51 37.7 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 34.33 ng

RT: 3.06 min Scan# 164

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

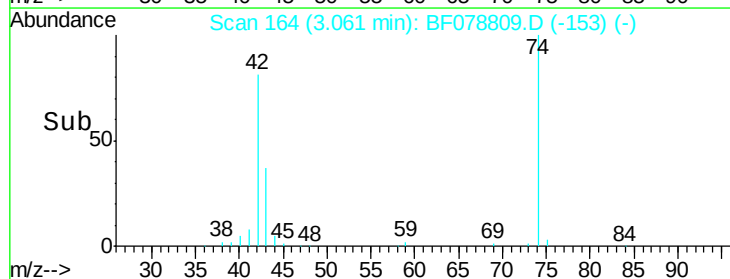
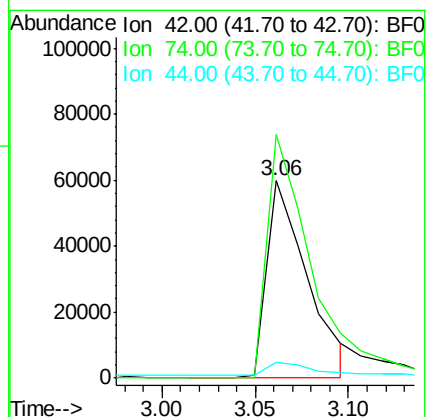
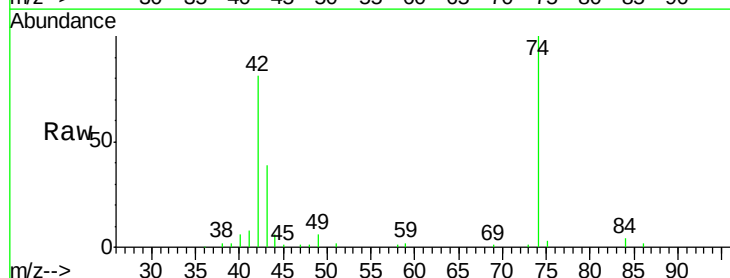
Tgt Ion: 42 Resp: 90292

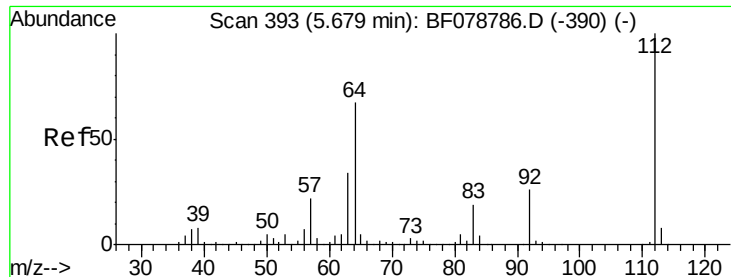
Ion Ratio Lower Upper

42 100

74 123.5 96.5 144.7

44 7.8 6.1 9.1





#5

2-Fluorophenol

Concen: 134.63 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

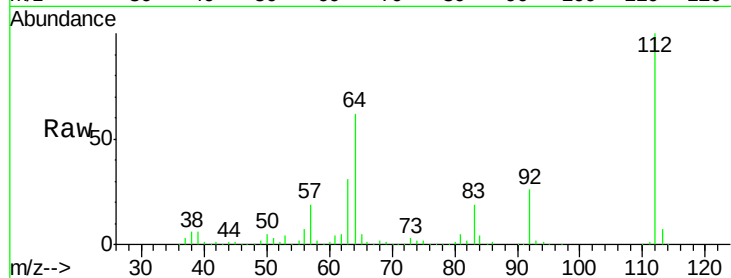
Tgt Ion: 112 Resp: 581634

Ion Ratio Lower Upper

112 100

64 61.7 53.5 80.3

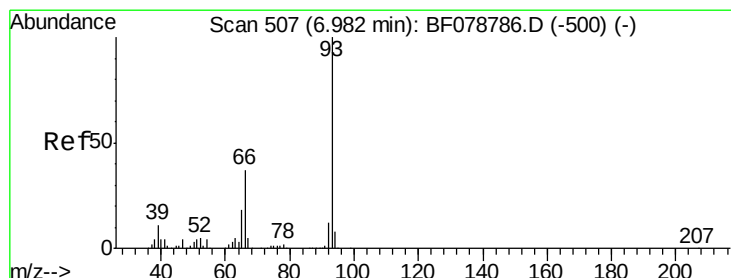
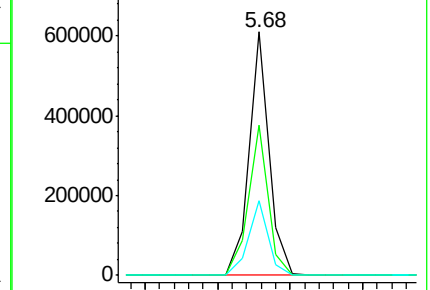
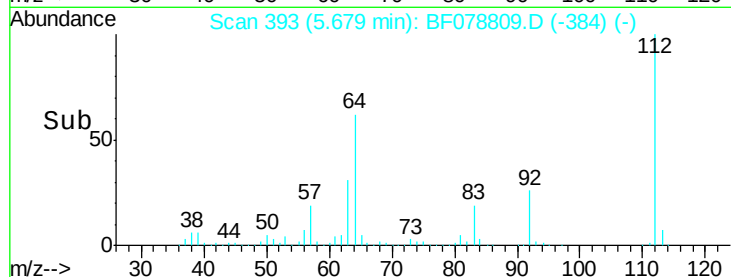
63 30.7 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.46 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

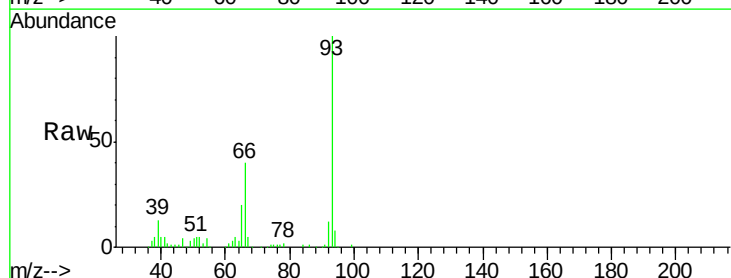
Tgt Ion: 93 Resp: 189276

Ion Ratio Lower Upper

93 100

66 39.6 29.7 44.5

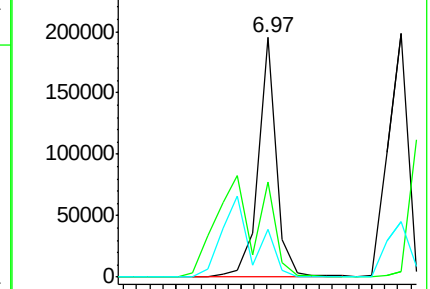
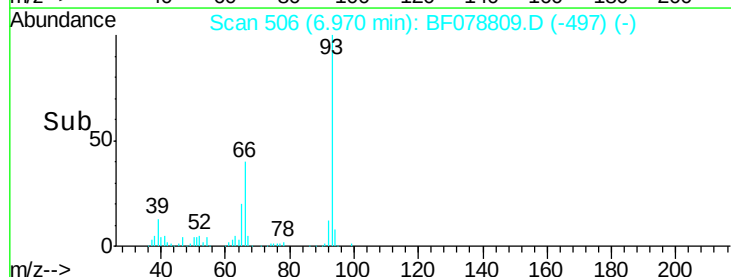
65 20.0 14.6 22.0

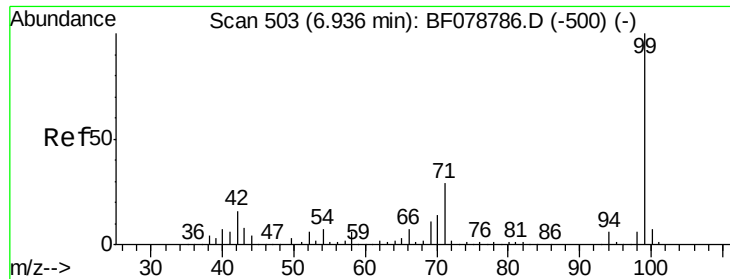


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.03 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078809.D

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ClientSampleId :

PB83058BSD

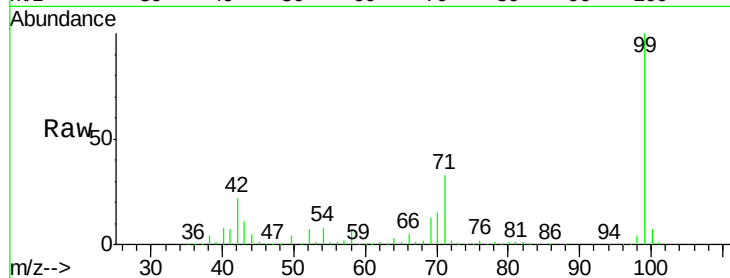
Tgt Ion: 99 Resp: 732947

Ion Ratio Lower Upper

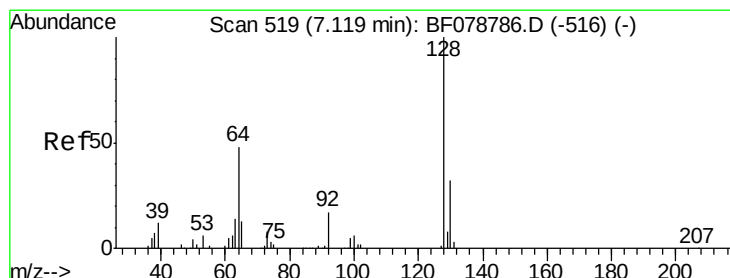
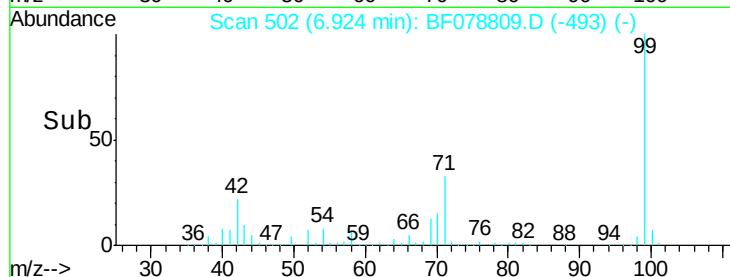
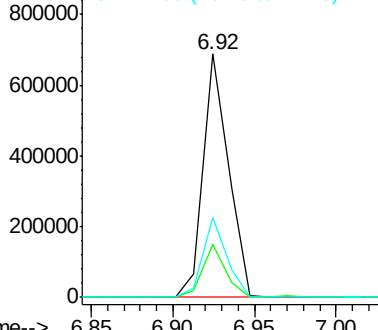
99 100

42 21.6 12.8 19.2#

71 32.9 23.4 35.2



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



#8

2-Chlorophenol

Concen: 43.17 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

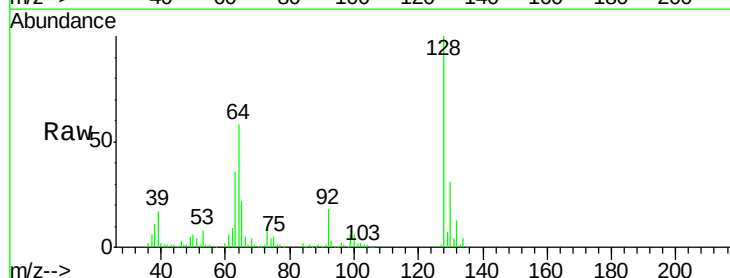
Tgt Ion: 128 Resp: 214376

Ion Ratio Lower Upper

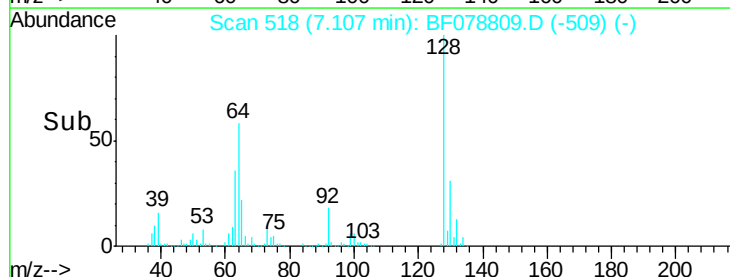
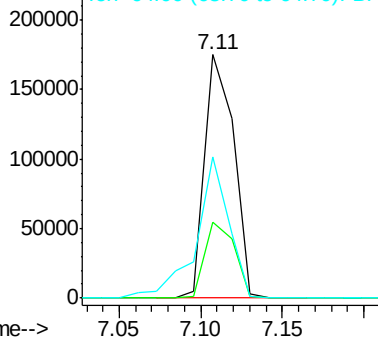
128 100

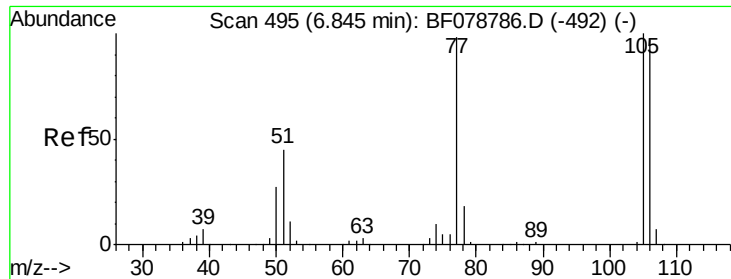
130 31.3 12.1 52.1

64 58.1 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): BF0





#9

Benzaldehyde

Concen: 3.53 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078809.D

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PB83058BSD

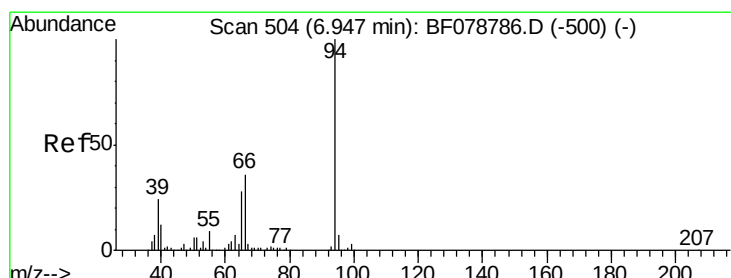
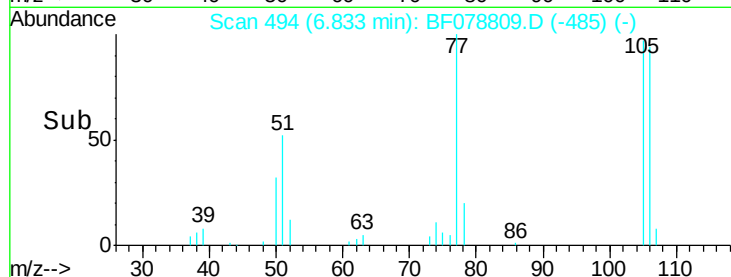
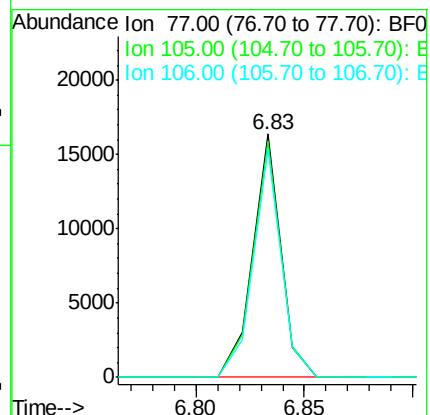
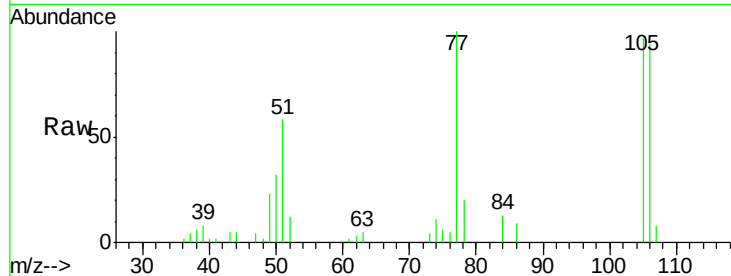
Tgt Ion: 77 Resp: 14688

Ion Ratio Lower Upper

77 100

105 96.9 81.7 121.7

106 93.6 79.0 119.0



#10

Phenol

Concen: 41.00 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

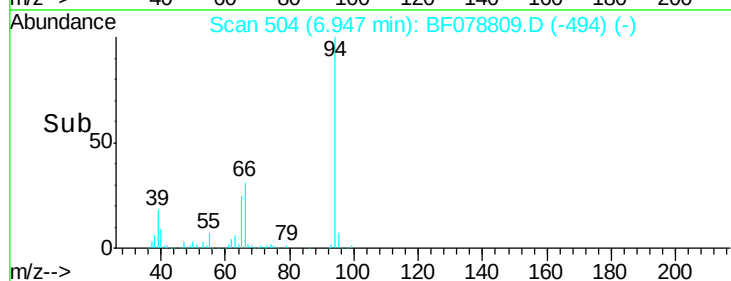
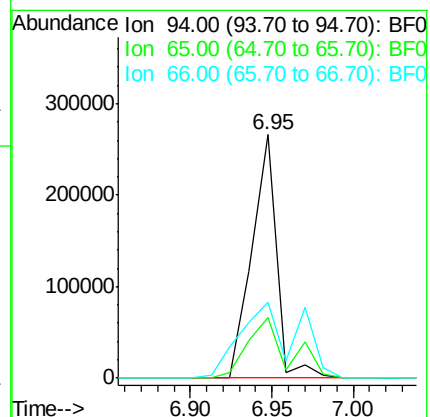
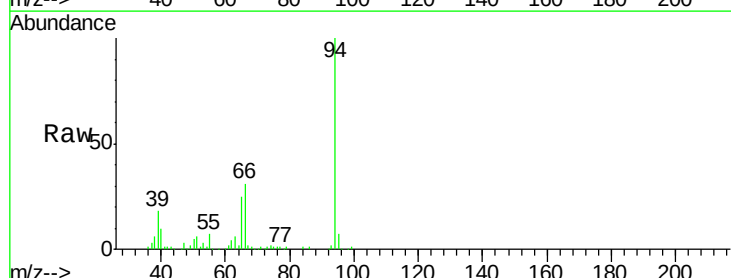
Tgt Ion: 94 Resp: 279615

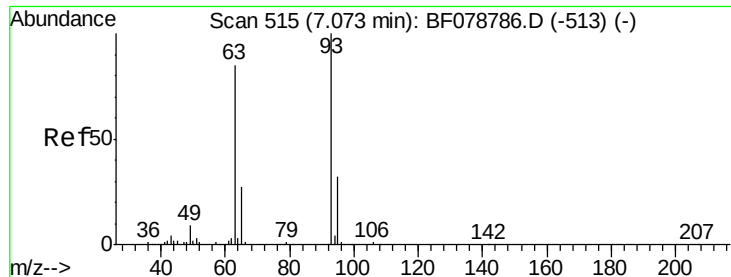
Ion Ratio Lower Upper

94 100

65 25.0 8.5 48.5

66 31.2 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 41.32 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

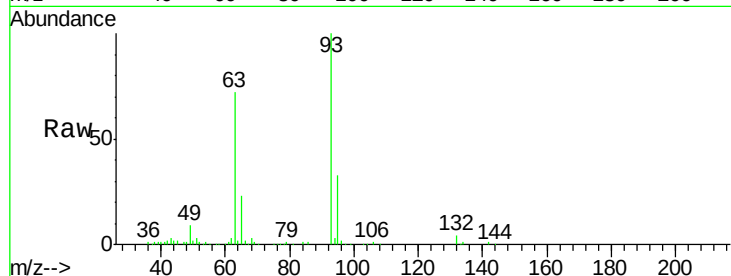
Tgt Ion: 93 Resp: 208381

Ion Ratio Lower Upper

93 100

63 71.9 64.8 104.8

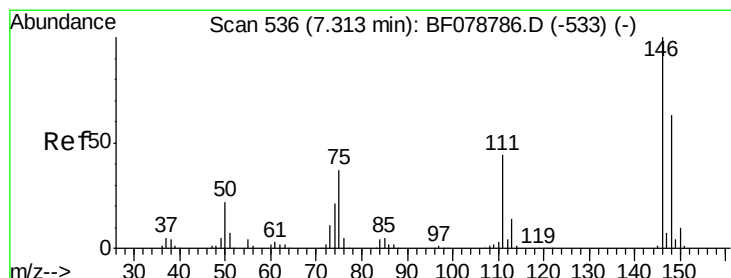
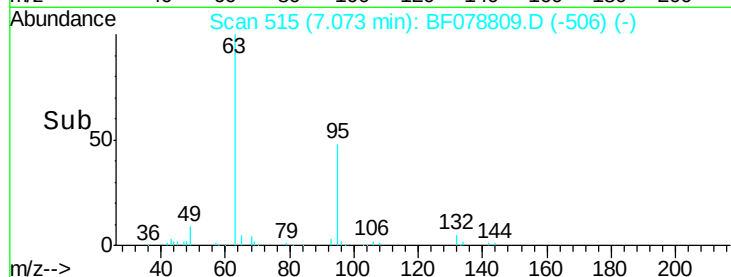
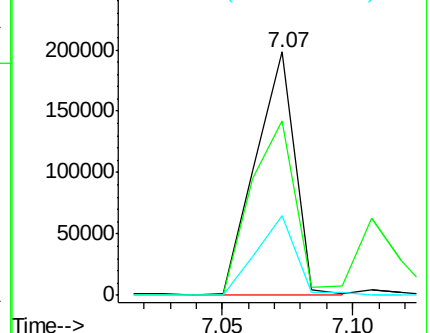
95 32.7 12.4 52.4



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: 38.98 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

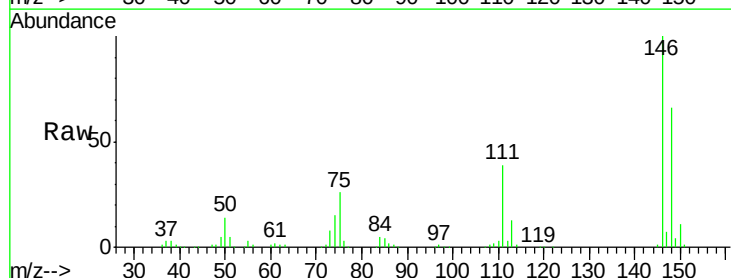
Tgt Ion: 146 Resp: 224745

Ion Ratio Lower Upper

146 100

148 66.4 50.2 75.2

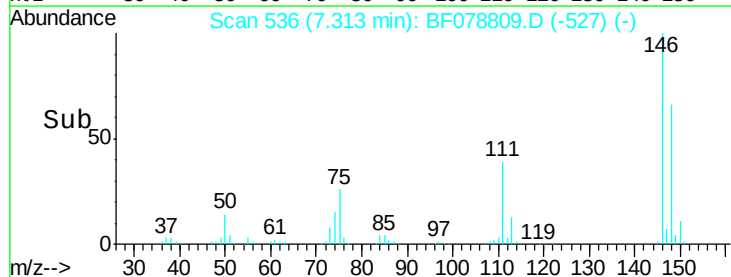
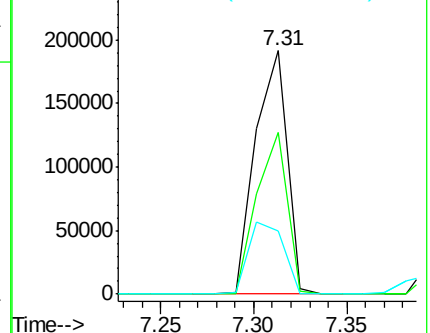
75 25.9 29.2 43.8#

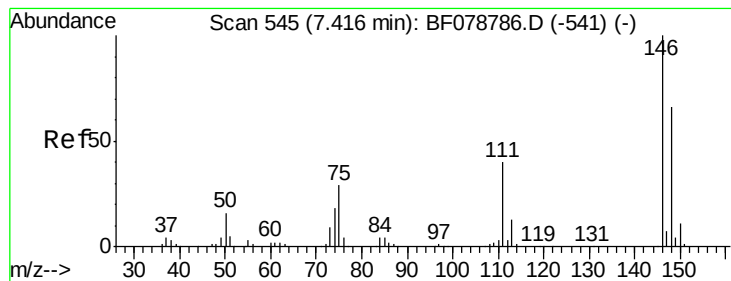


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.65 ng

RT: 7.40 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

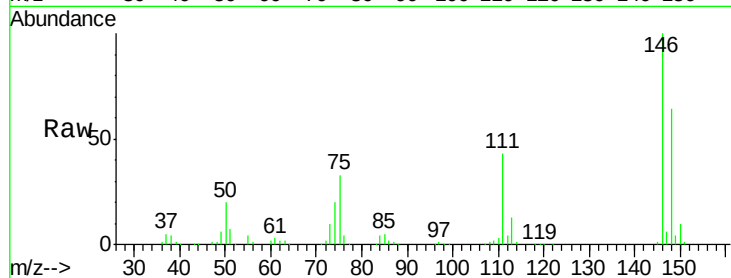
Tgt Ion:146 Resp: 234046

Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

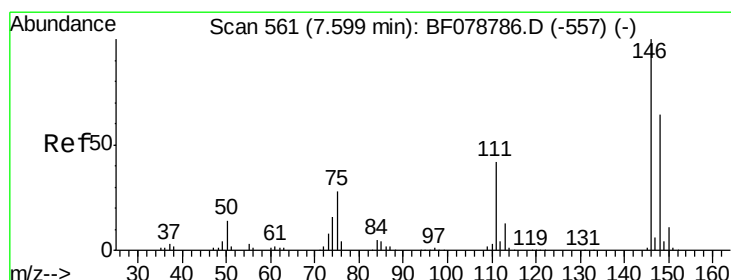
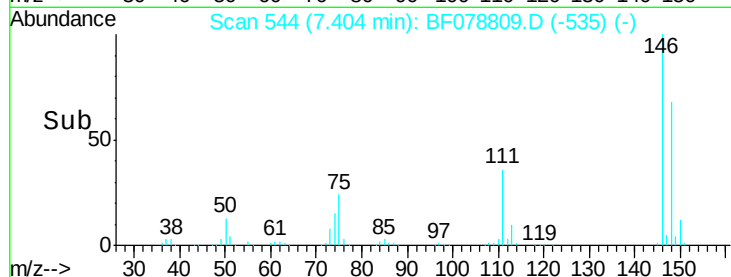
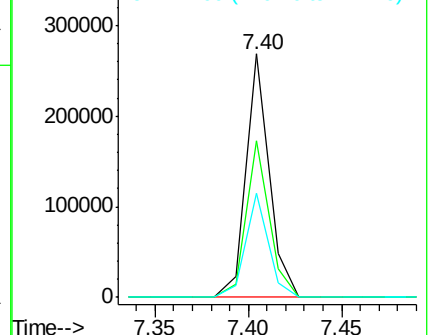
111 42.9 31.7 47.5



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: 40.70 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

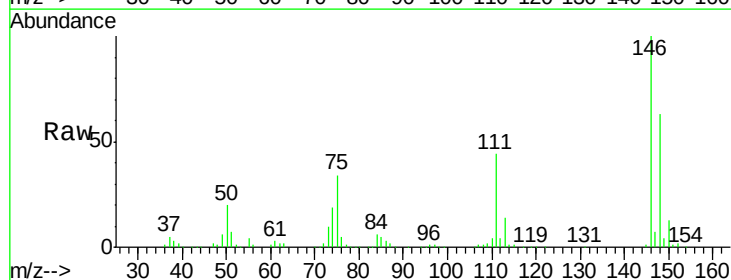
Tgt Ion:146 Resp: 224495

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

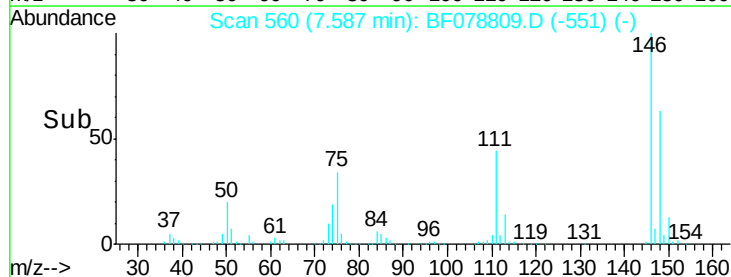
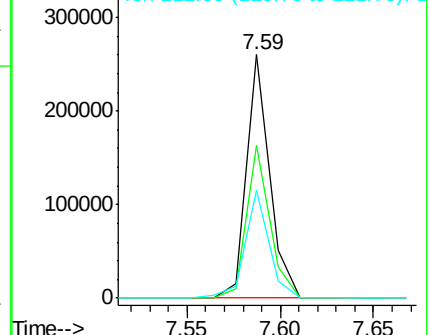
111 44.4 33.3 49.9

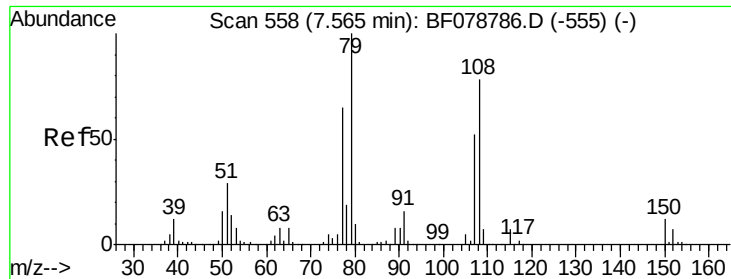


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.50 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

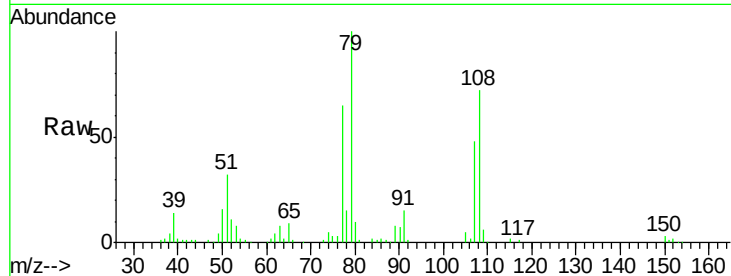
Tgt Ion: 79 Resp: 174124

Ion Ratio Lower Upper

79 100

108 72.4 62.5 93.7

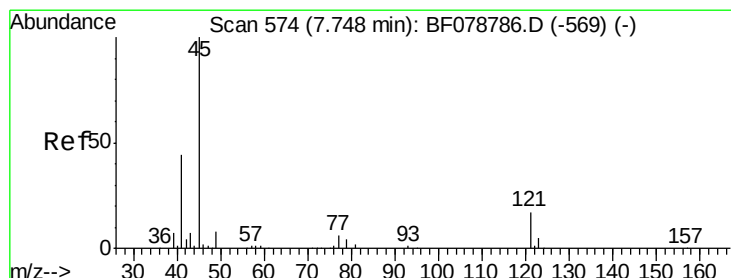
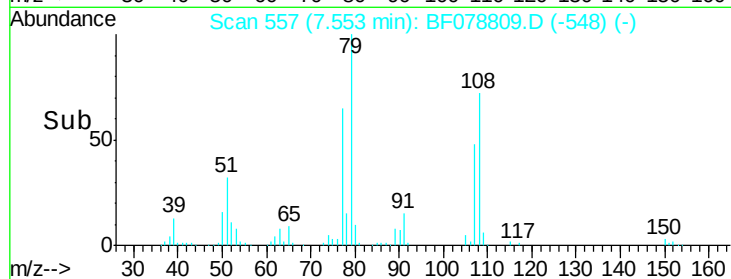
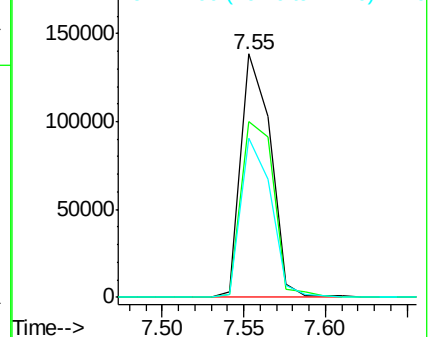
77 65.5 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.48 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

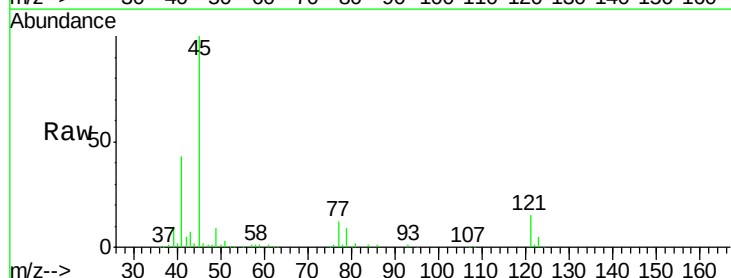
Tgt Ion: 45 Resp: 319138

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.3

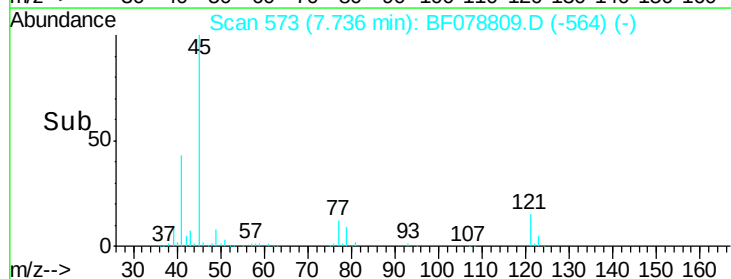
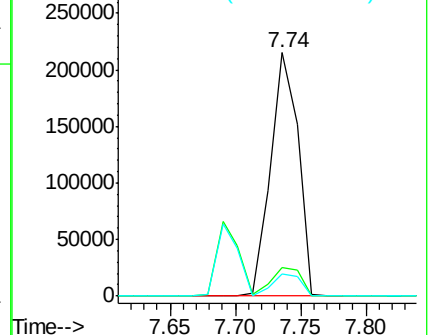
79 9.2 0.0 30.1

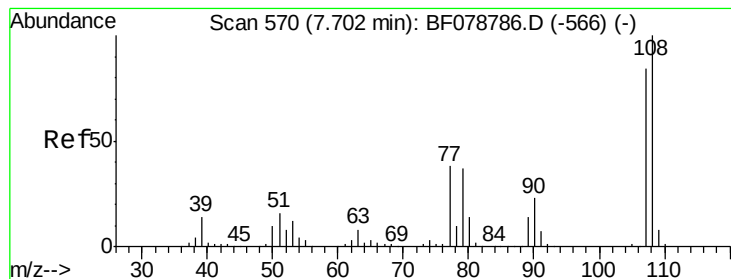


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.51 ng

RT: 7.69 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

Tgt Ion:107 Resp: 170887

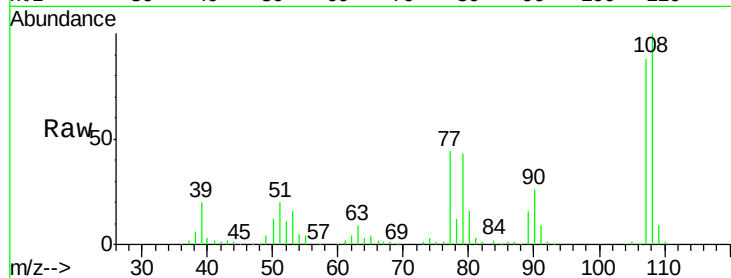
Ion Ratio Lower Upper

107 100

108 113.1 94.9 142.3

77 50.3 36.2 54.4

79 48.7 35.2 52.8

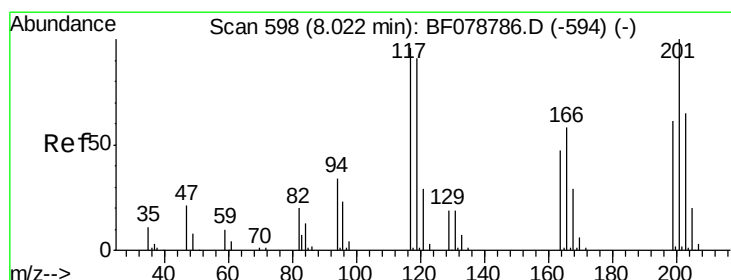
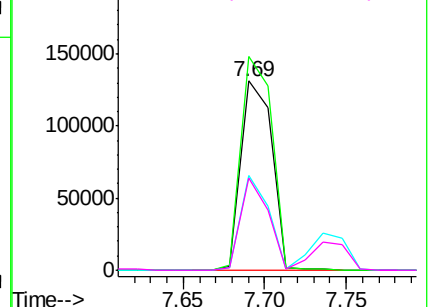
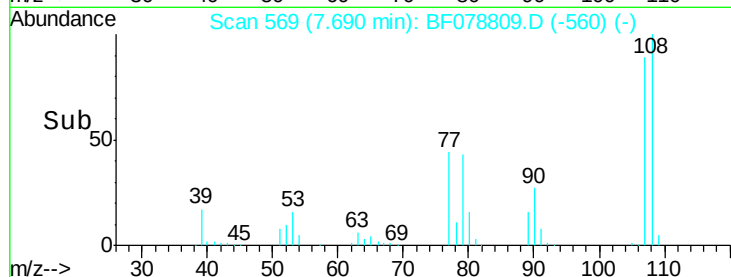


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.24 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

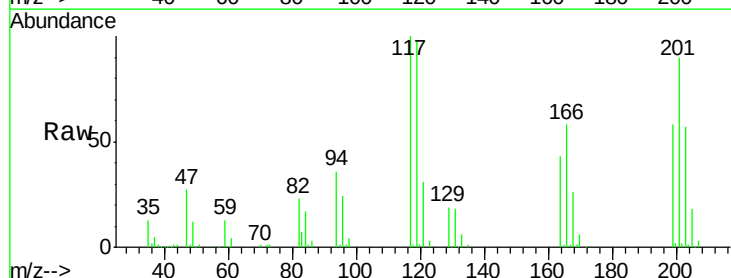
Tgt Ion:117 Resp: 80410

Ion Ratio Lower Upper

117 100

119 97.7 75.4 113.0

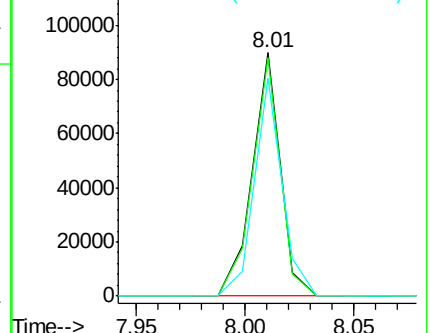
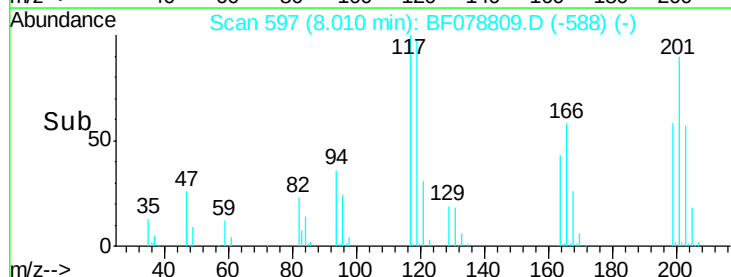
201 89.8 83.2 124.8

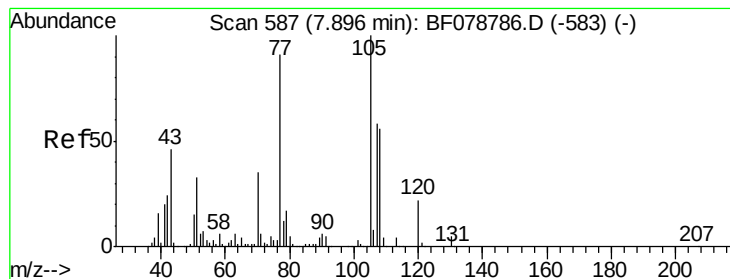


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.33 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

Tgt Ion: 70 Resp: 166382

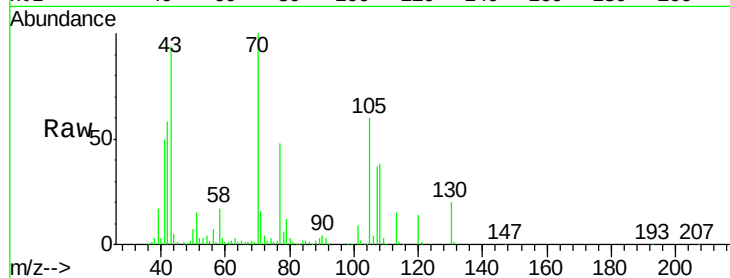
Ion Ratio Lower Upper

70 100

42 57.5 55.4 83.0

101 9.1 6.6 10.0

130 19.8 11.9 17.9#

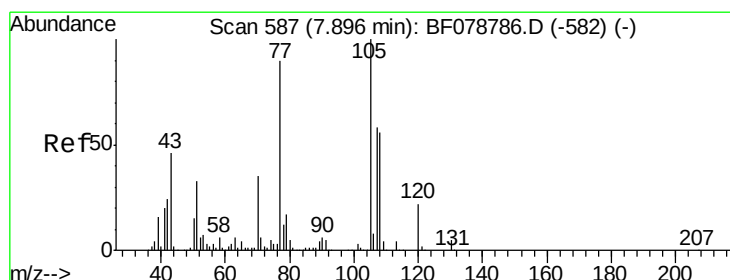
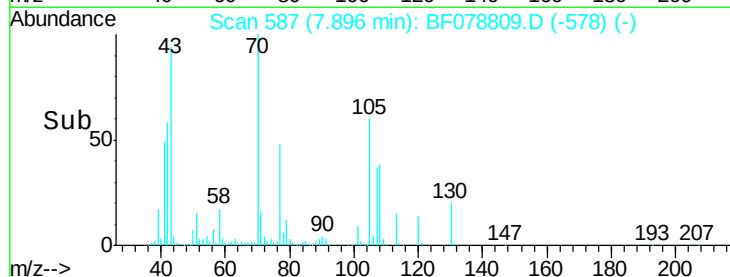
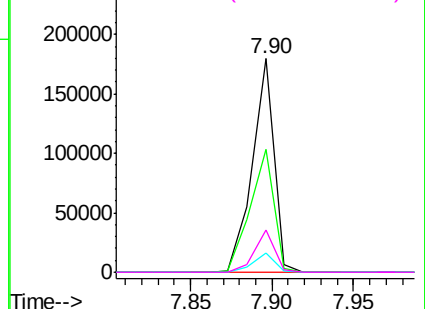


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 43.62 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Tgt Ion:107 Resp: 228446

Ion Ratio Lower Upper

107 100

108 89.3 76.9 116.9

77 141.2 136.8 176.8

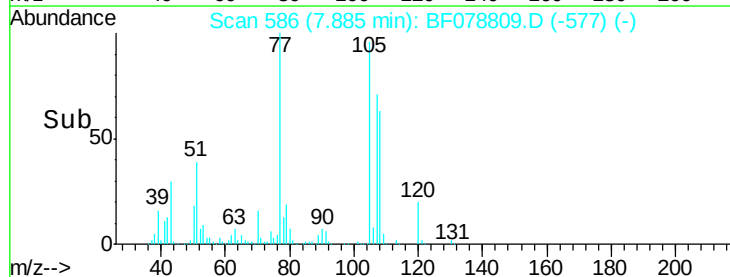
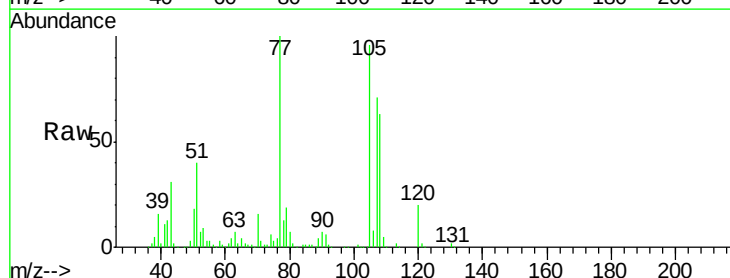
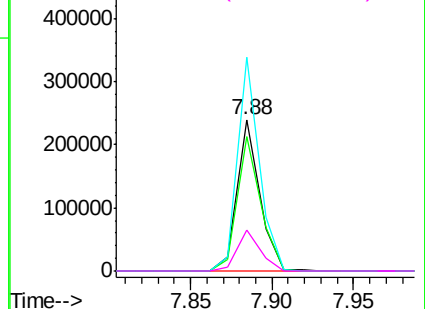
79 27.3 9.7 49.7

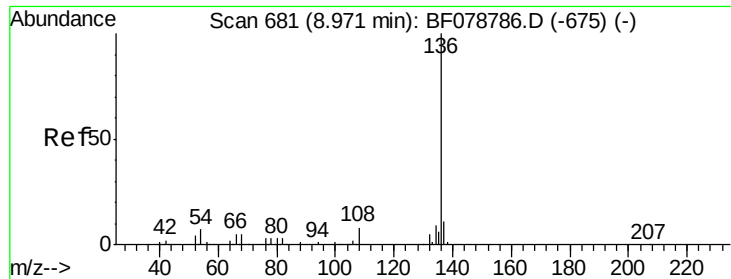
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

Tgt Ion:136 Resp: 329780

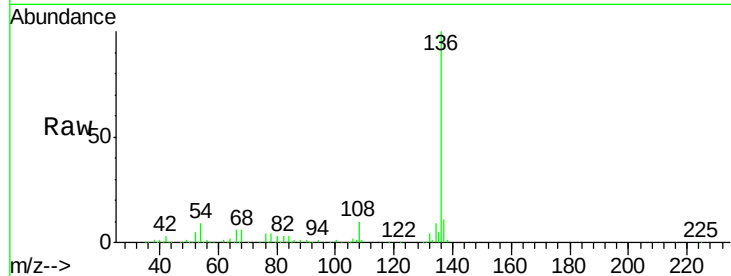
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 5.8 8.8#

68 6.4 4.2 6.4#

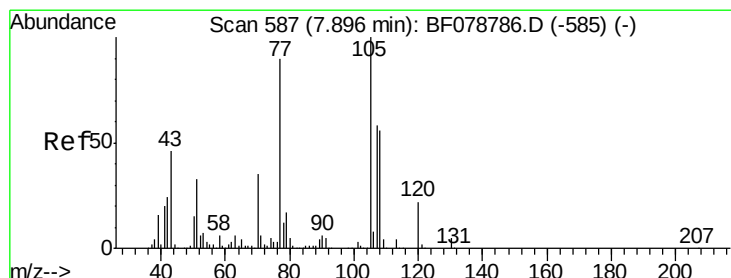
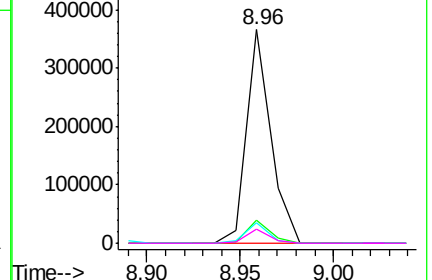
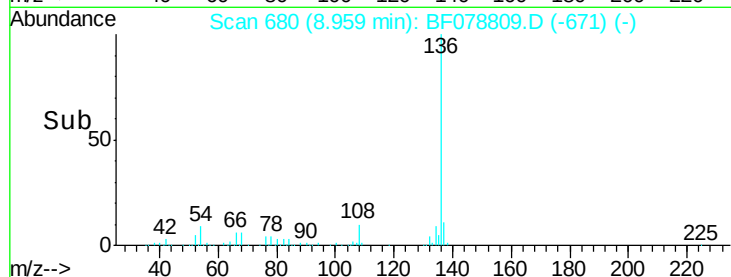


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.82 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Tgt Ion:105 Resp: 305569

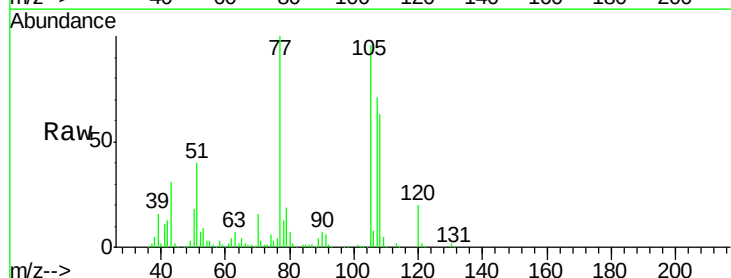
Ion Ratio Lower Upper

105 100

71 2.9 4.6 6.8#

51 41.4 26.7 40.1#

120 20.6 17.4 26.0

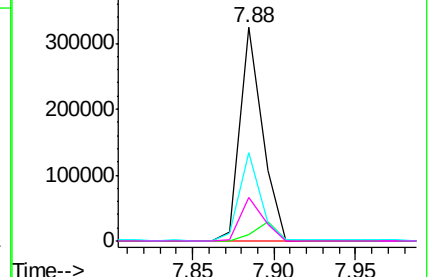
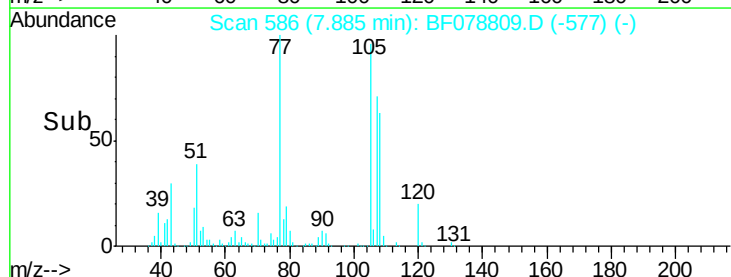


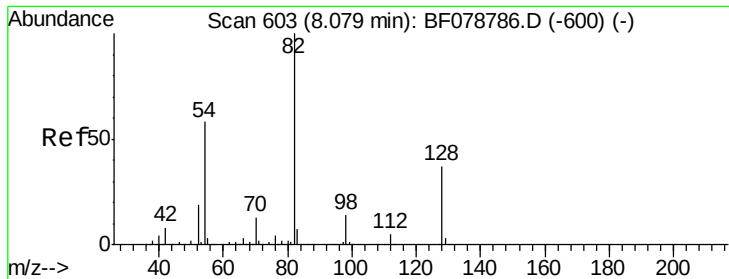
Abundance Ion 105.00 (104.70 to 105.70): E

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

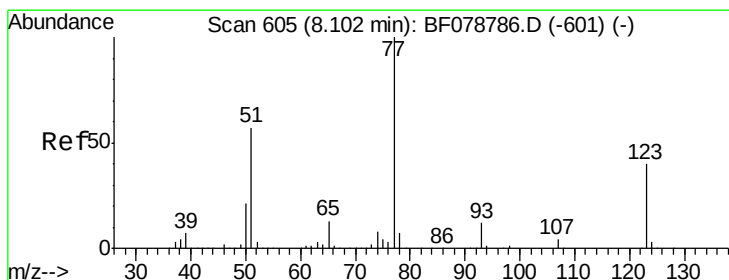
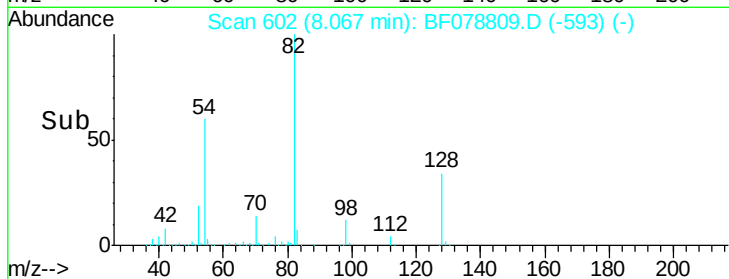
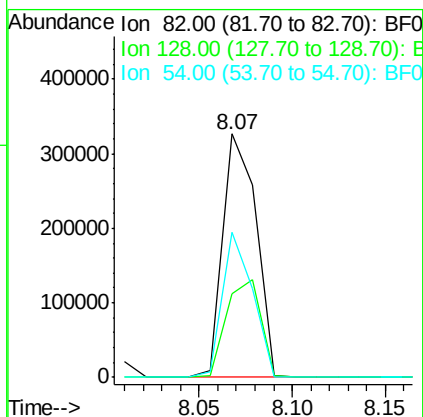
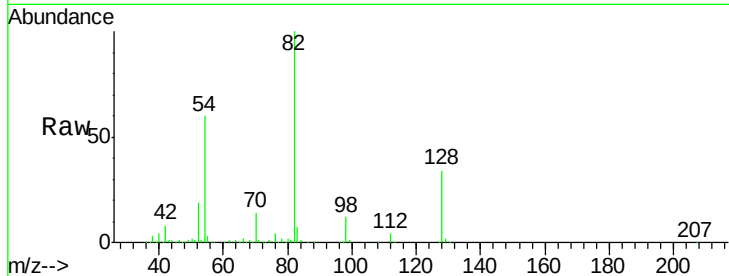




#23
 Nitrobenzene-d5
 Concen: 89.57 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

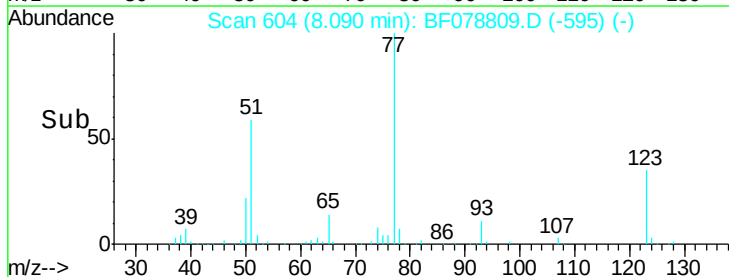
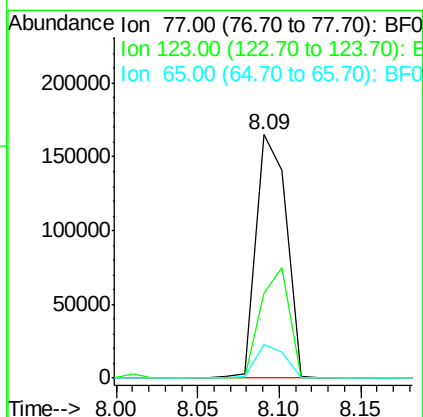
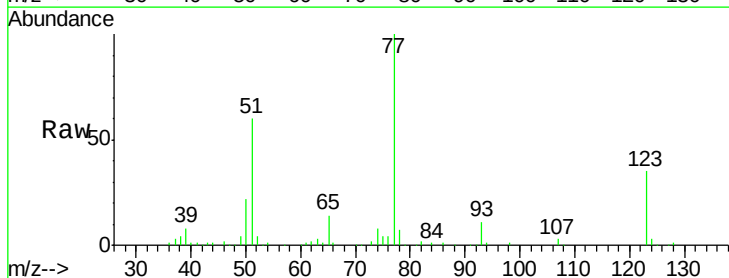
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

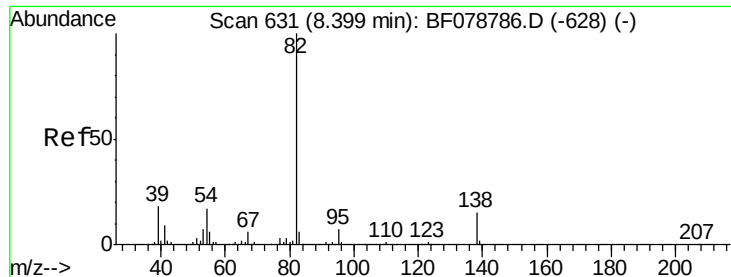
Tgt Ion: 82 Resp: 410281
 Ion Ratio Lower Upper
 82 100
 128 34.4 30.0 45.0
 54 59.8 46.4 69.6



#24
 Nitrobenzene
 Concen: 43.52 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion: 77 Resp: 213471
 Ion Ratio Lower Upper
 77 100
 123 34.7 31.8 47.8
 65 14.0 10.6 15.8





#25

Isophorone

Concen: 39.64 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

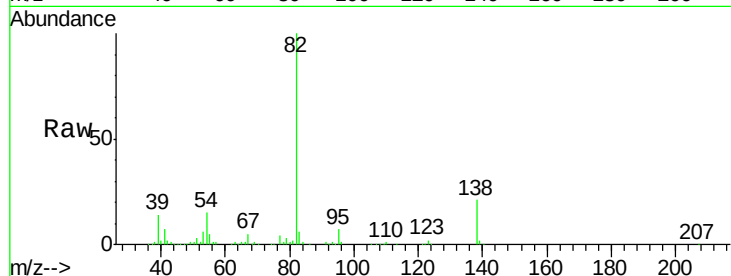
Tgt Ion: 82 Resp: 410476

Ion Ratio Lower Upper

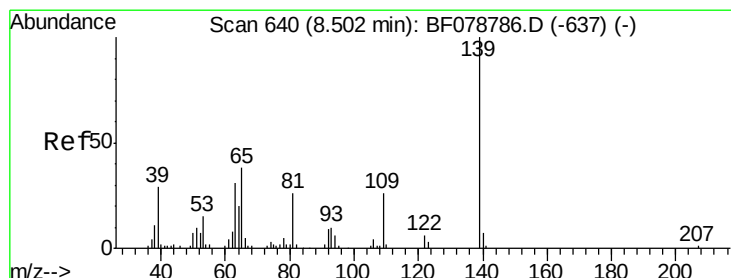
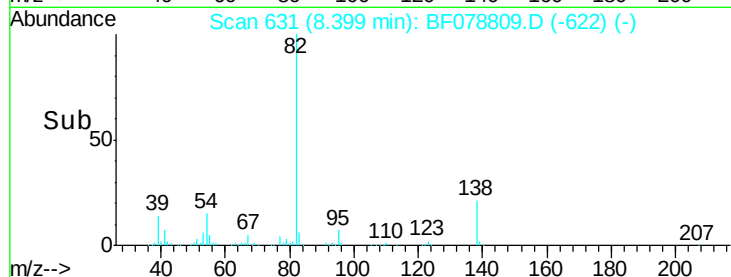
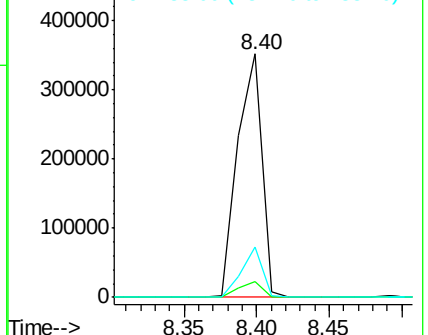
82 100

95 6.6 5.3 7.9

138 20.6 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 56.08 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

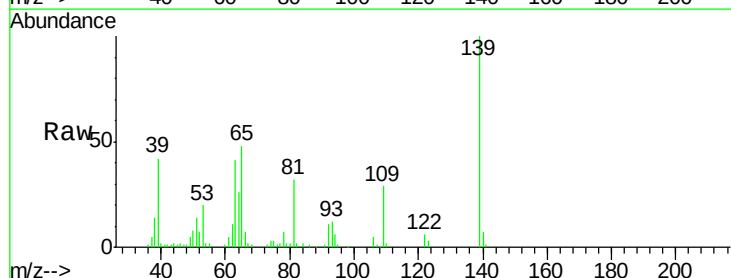
Tgt Ion: 139 Resp: 81158

Ion Ratio Lower Upper

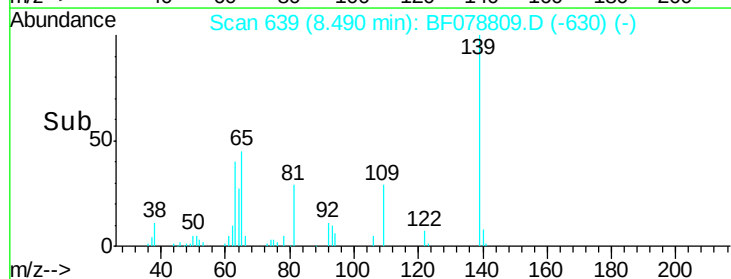
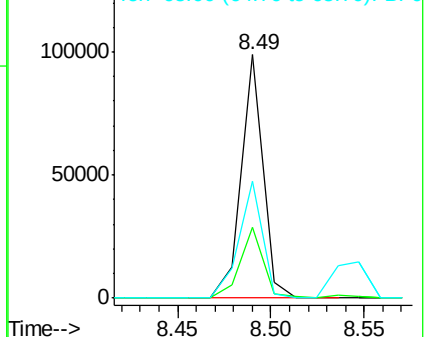
139 100

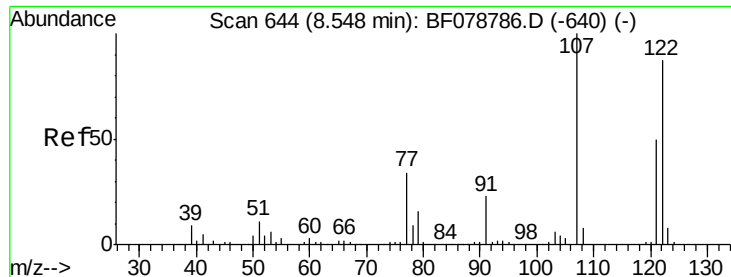
109 29.0 21.0 31.4

65 47.9 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: 42.50 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

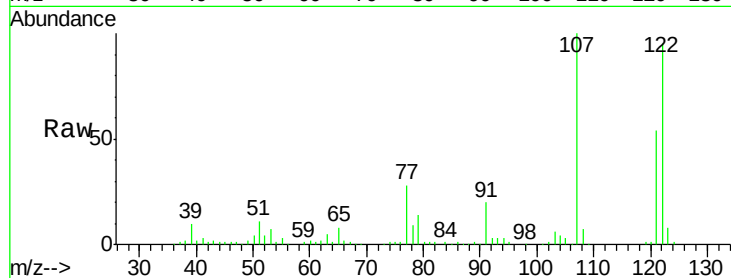
Tgt Ion:122 Resp: 195223

Ion Ratio Lower Upper

122 100

107 105.7 90.6 135.8

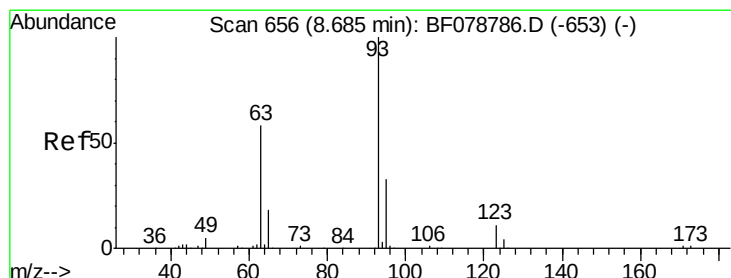
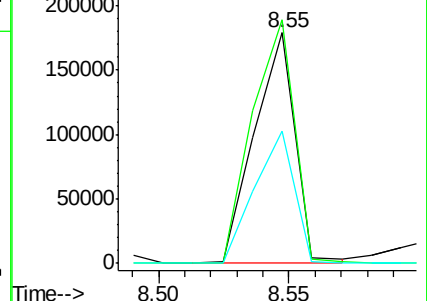
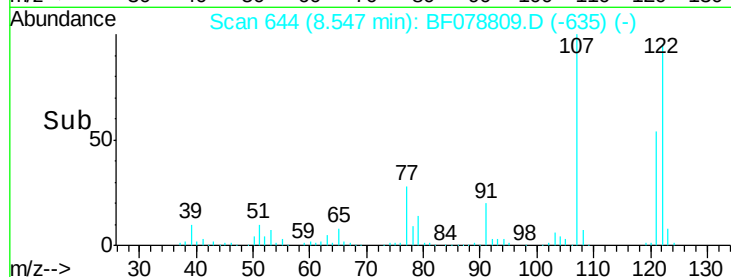
121 57.5 45.4 68.2



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: 42.77 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

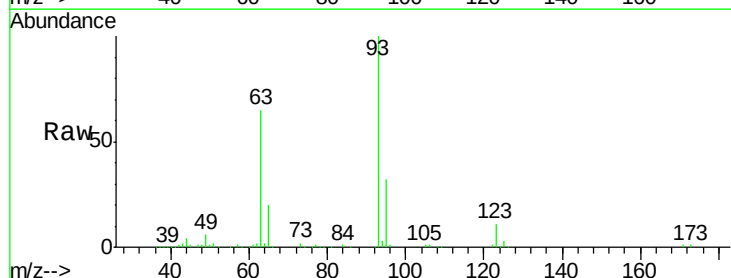
Tgt Ion: 93 Resp: 273489

Ion Ratio Lower Upper

93 100

95 32.2 26.7 40.1

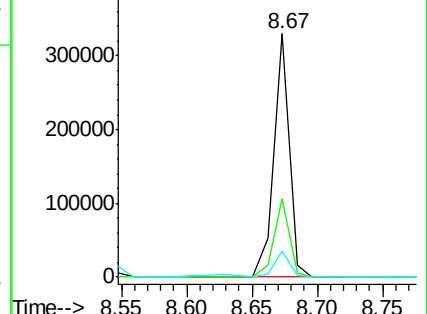
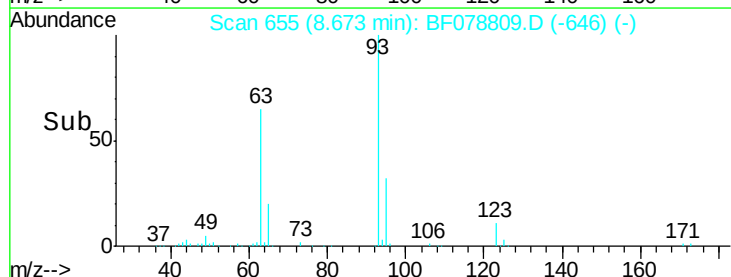
123 10.9 9.1 13.7

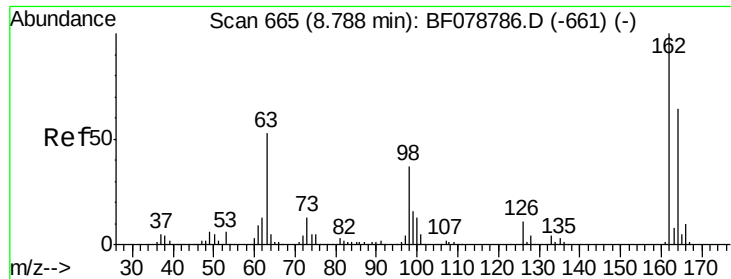


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

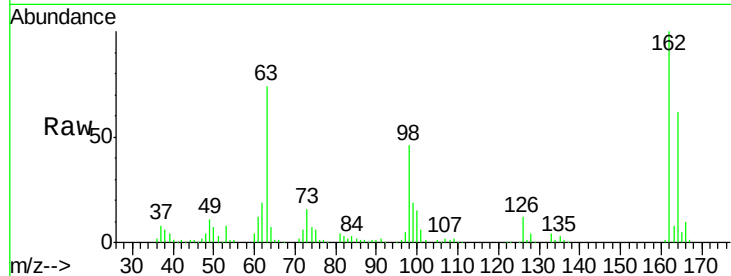




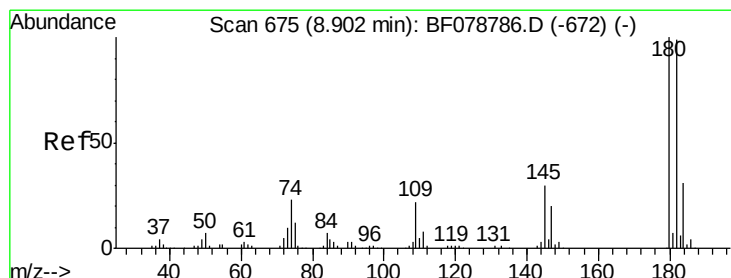
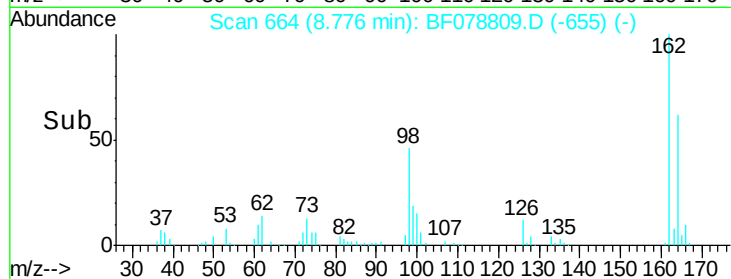
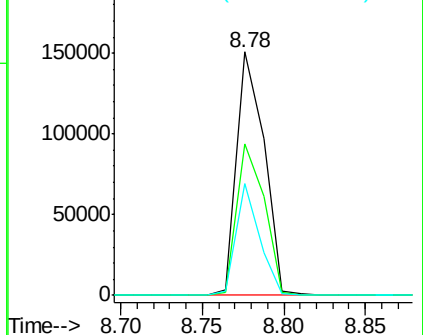
#29
 2,4-Dichlorophenol
 Concen: 44.45 ng
 RT: 8.78 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion:162 Resp: 174531
 Ion Ratio Lower Upper
 162 100
 164 62.3 43.6 83.6
 98 45.7 16.5 56.5

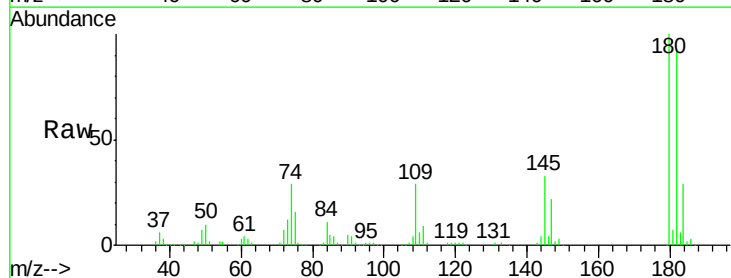


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

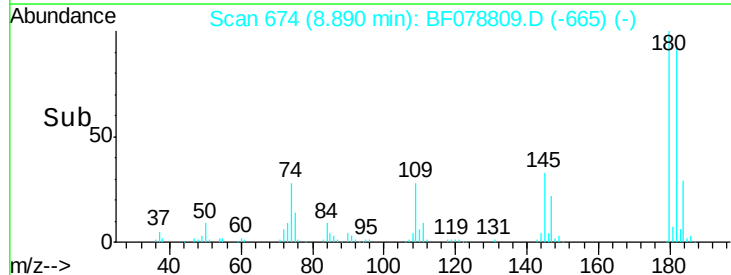
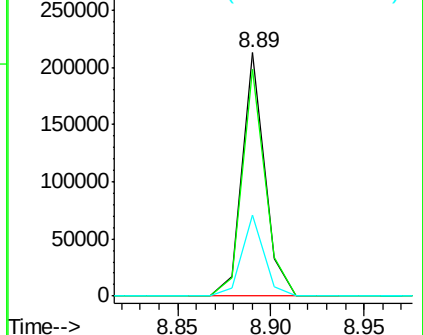


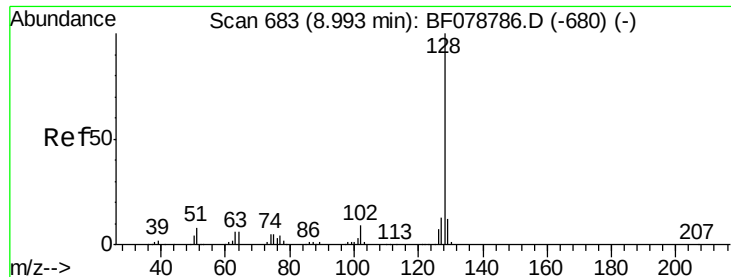
#30
 1,2,4-Trichlorobenzene
 Concen: 40.04 ng
 RT: 8.89 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:180 Resp: 180520
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.9 118.3
 145 33.2 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

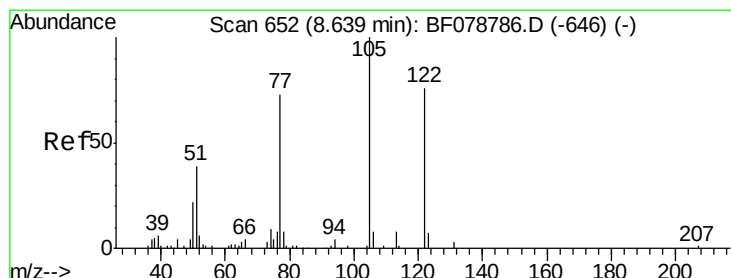
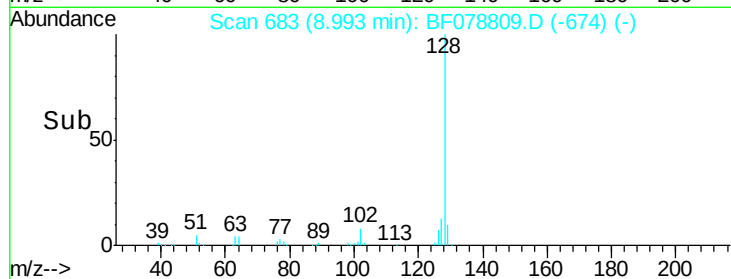
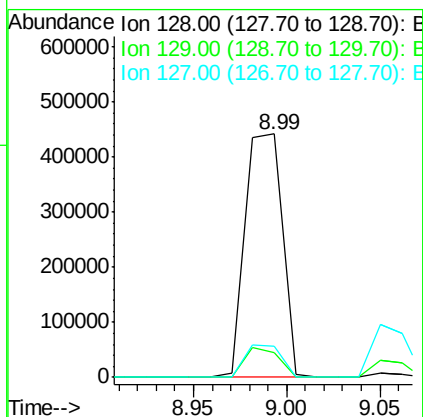
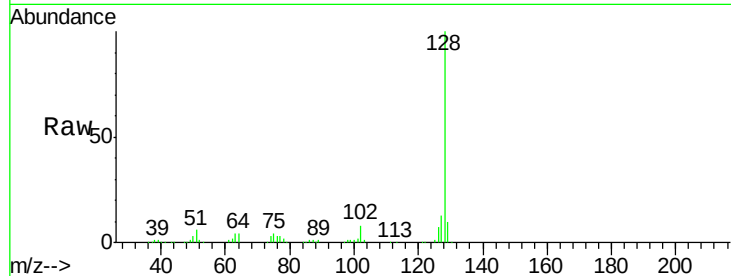




#31
Naphthalene
Concen: 39.04 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

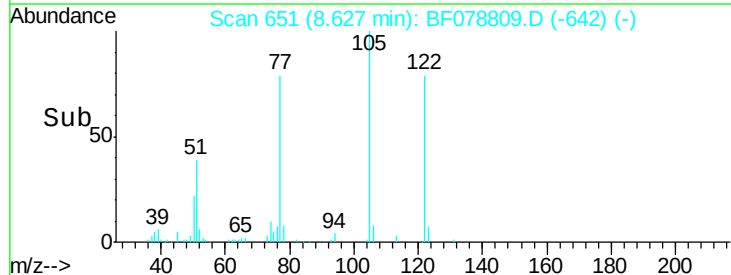
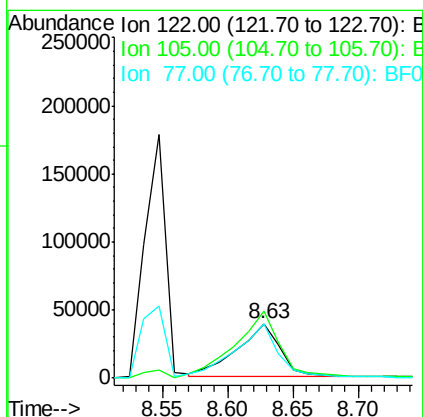
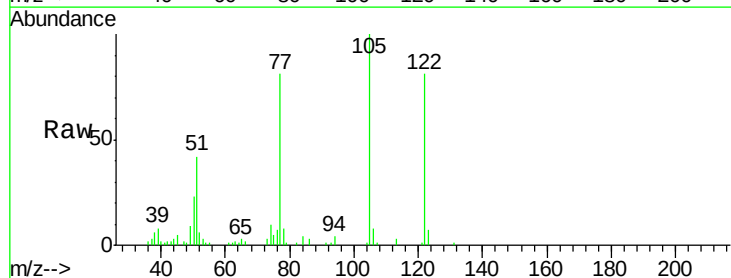
Instrument :
BNA_F
ClientSampleId :
PB83058BSD

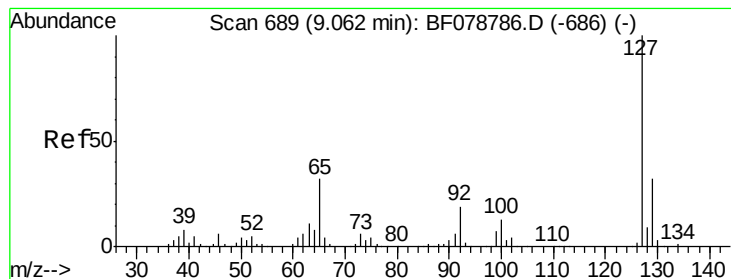
Tgt Ion:128 Resp: 611076
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 62.65 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion:122 Resp: 87332
Ion Ratio Lower Upper
122 100
105 122.8 107.1 147.1
77 99.0 73.9 113.9





#33

4-Chloroaniline

Concen: 19.18 ng

RT: 9.05 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

Tgt Ion:127 Resp: 126373

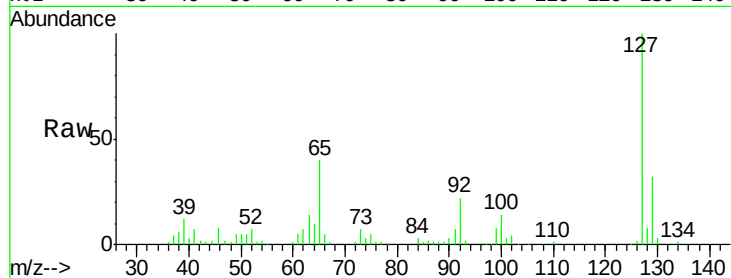
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 39.9 25.8 38.6#

92 21.5 15.5 23.3

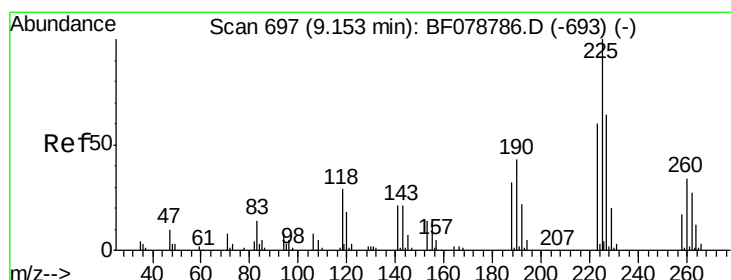
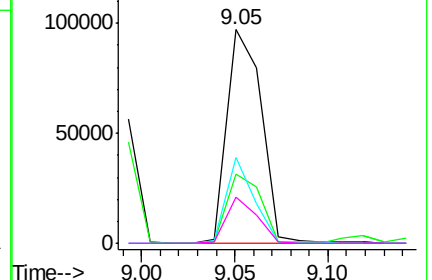
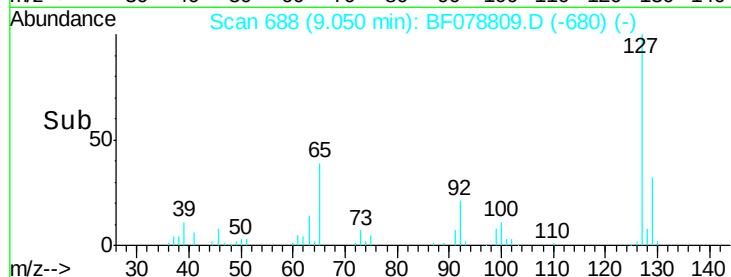


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.95 ng

RT: 9.14 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

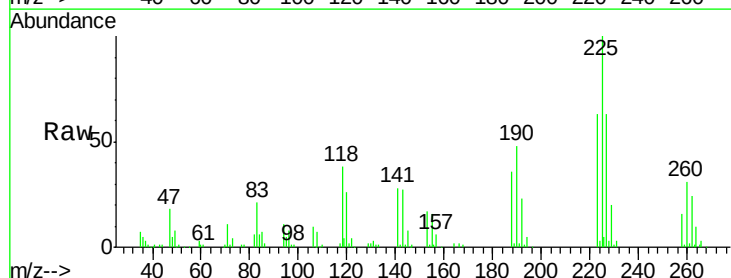
Tgt Ion:225 Resp: 101636

Ion Ratio Lower Upper

225 100

223 63.4 48.2 72.4

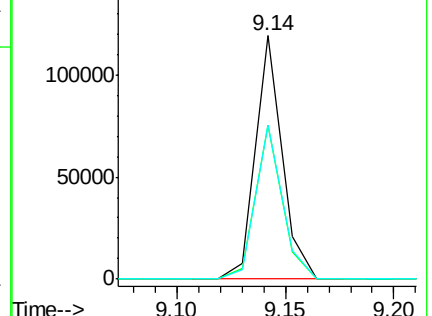
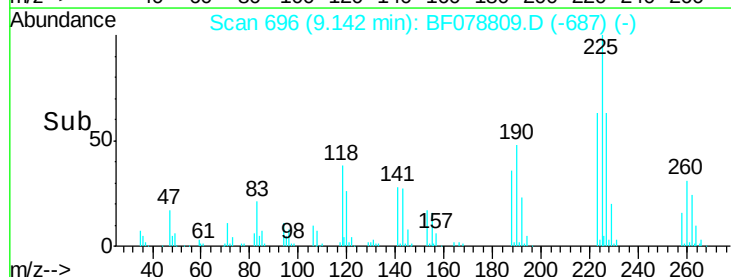
227 63.1 51.4 77.0

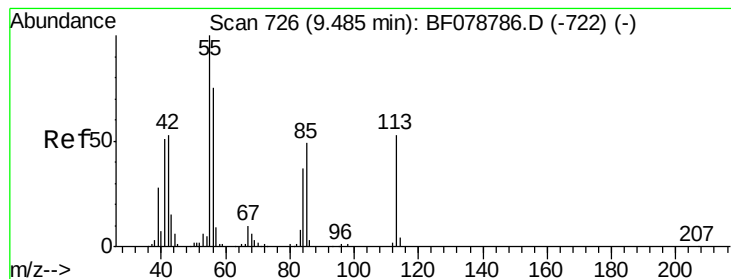


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.46 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

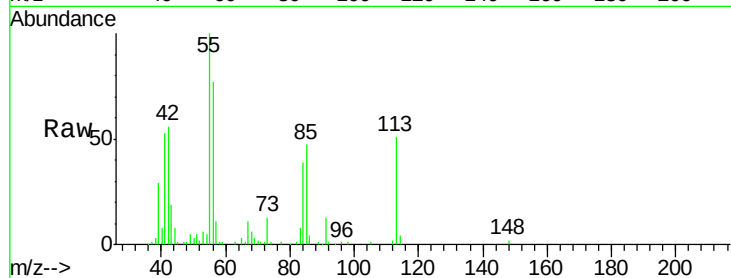
Tgt Ion:113 Resp: 54336

Ion Ratio Lower Upper

113 100

55 195.4 169.7 209.7

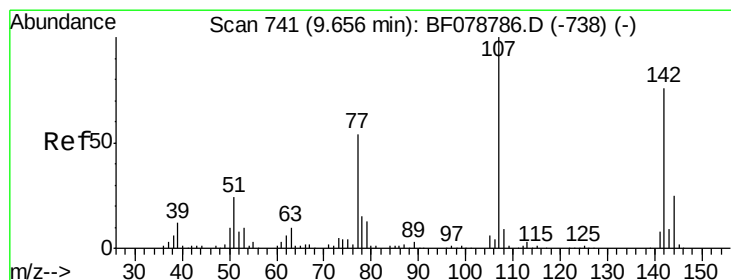
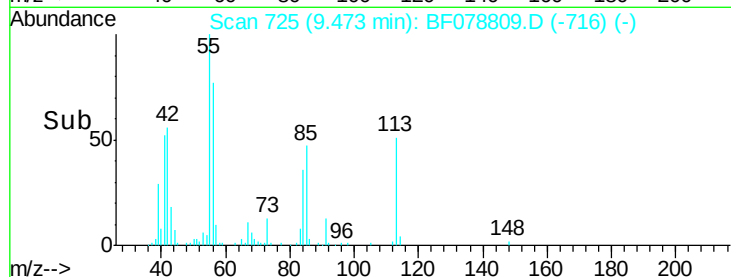
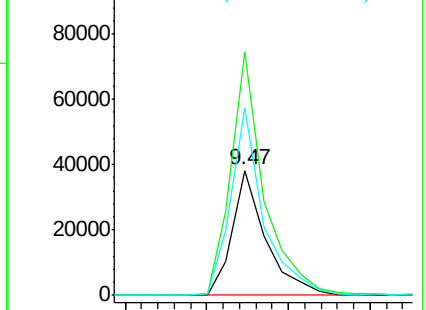
56 150.7 122.5 162.5



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: 45.43 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

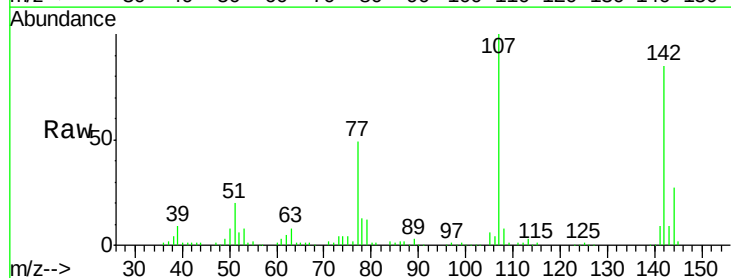
Tgt Ion:107 Resp: 187267

Ion Ratio Lower Upper

107 100

144 27.0 19.8 29.6

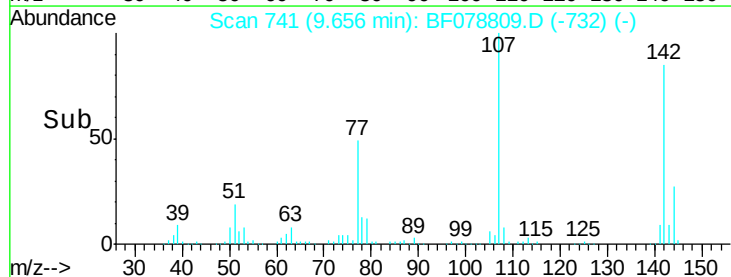
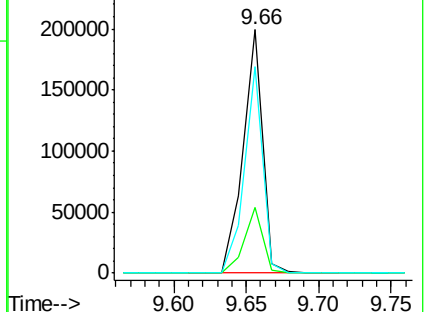
142 84.6 60.6 91.0

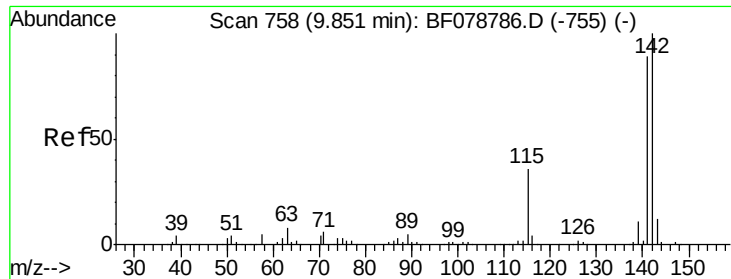


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

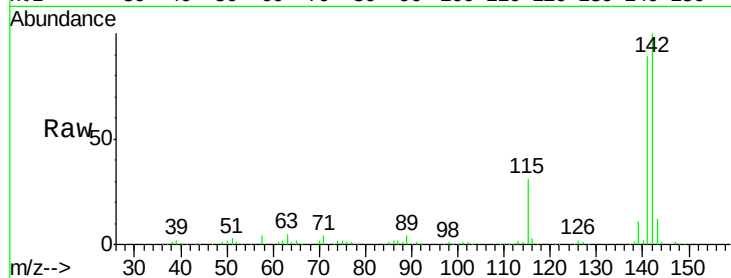




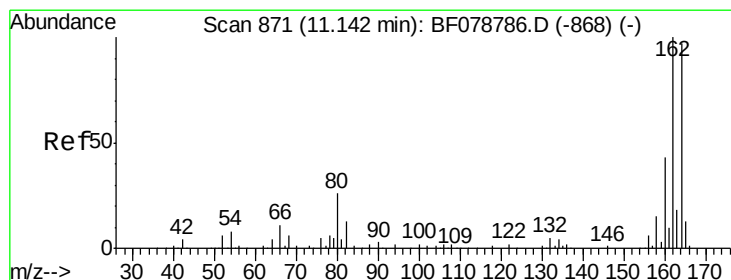
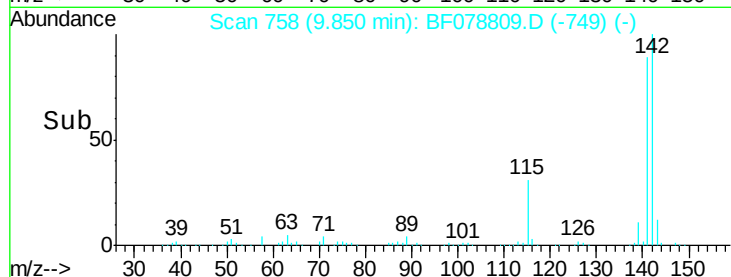
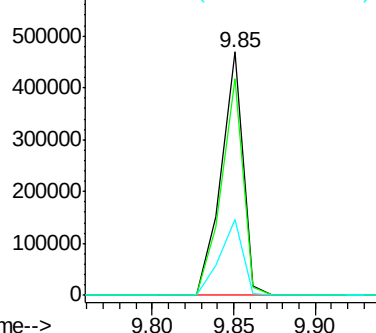
#37
 2-Methylnaphthalene
 Concen: 41.62 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion:142 Resp: 438277
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.9 106.3
 115 31.1 28.5 42.7

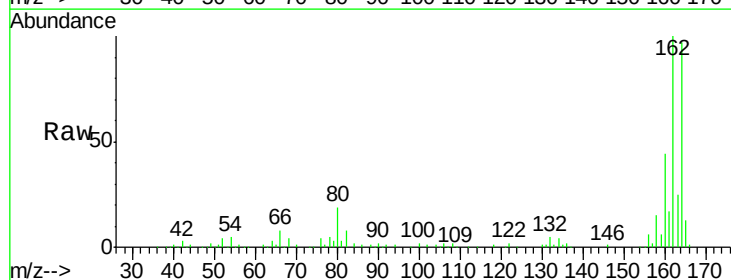


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

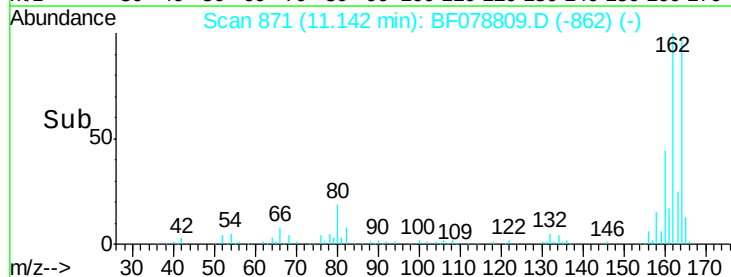
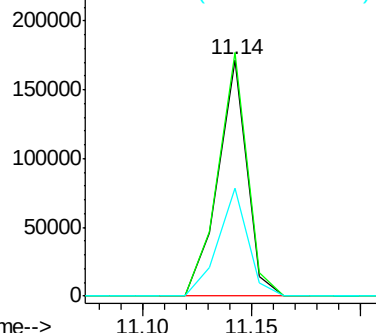


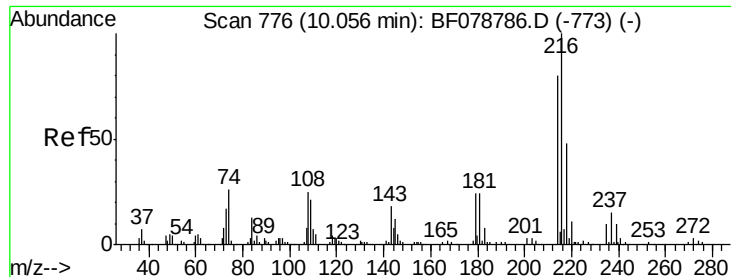
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:164 Resp: 158886
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.7 124.1
 160 45.6 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

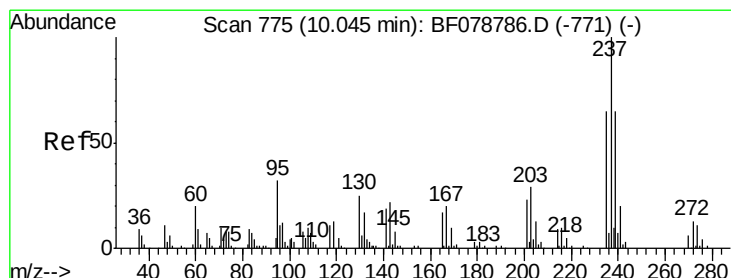
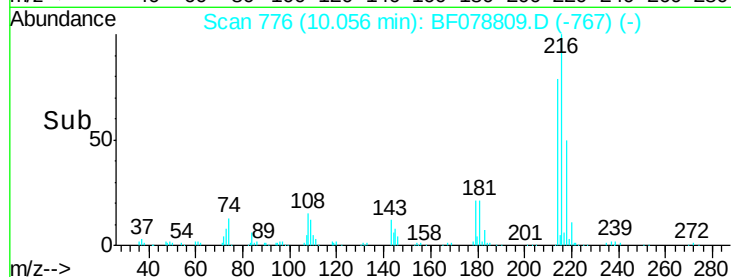
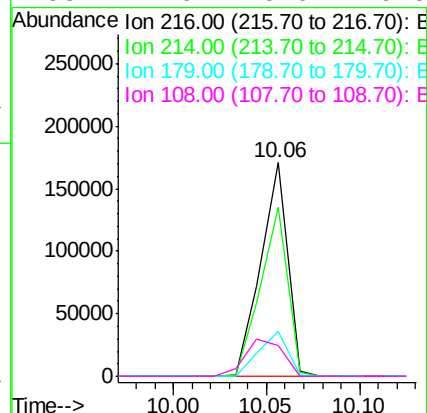
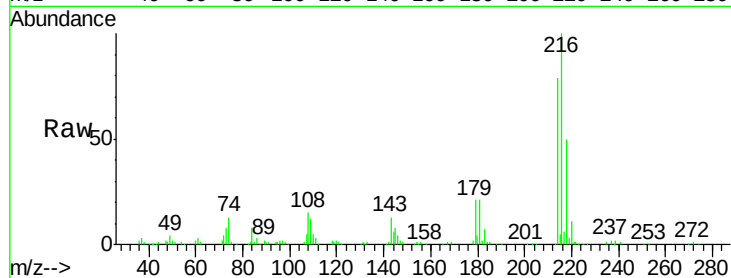




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.82 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

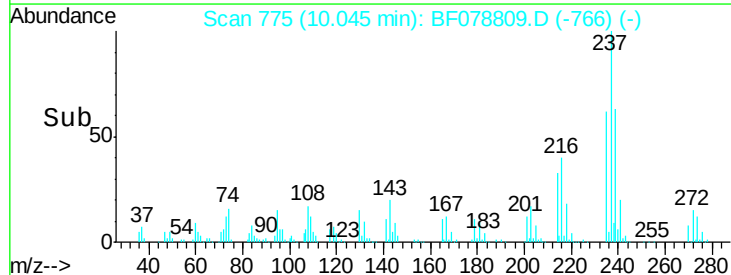
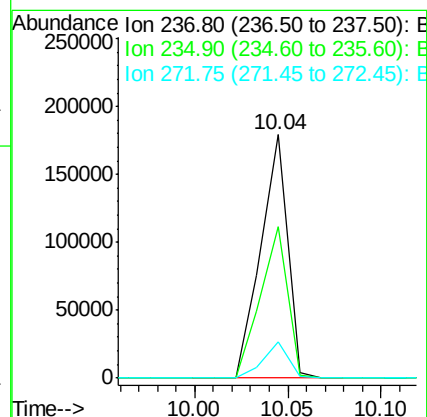
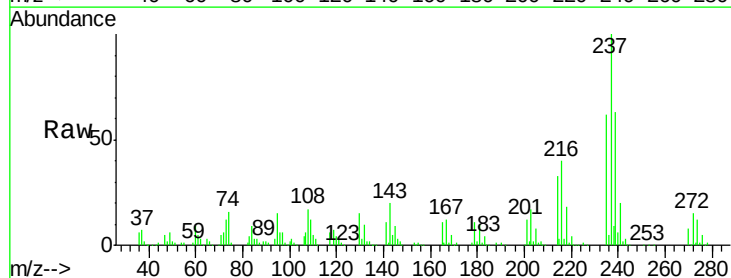
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

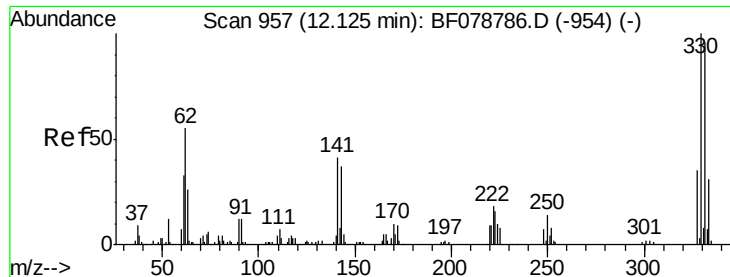
Tgt Ion:	216	Resp:	170276
Ion	Ratio	Lower	Upper
216	100		
214	79.6	0.0	0.0#
179	22.4	0.0	0.0#
108	24.6	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 94.14 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:	237	Resp:	178142
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.7	84.7
272	15.1	0.0	32.6

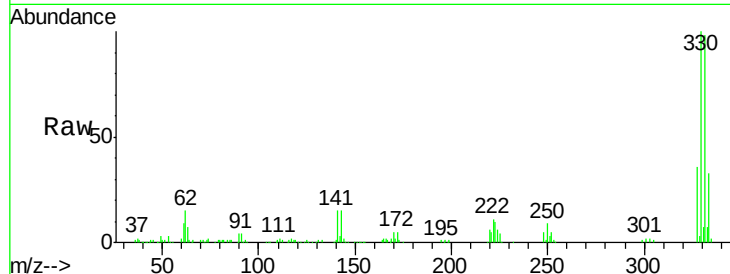




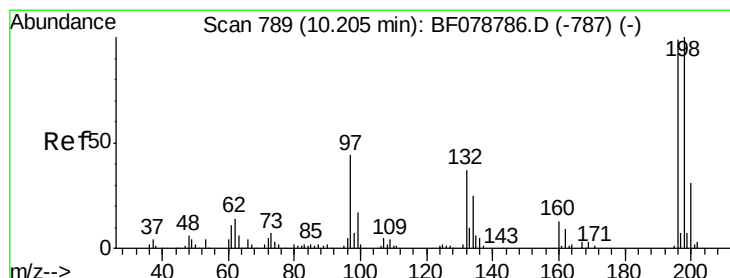
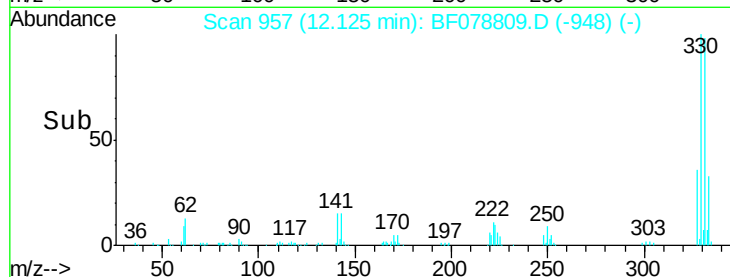
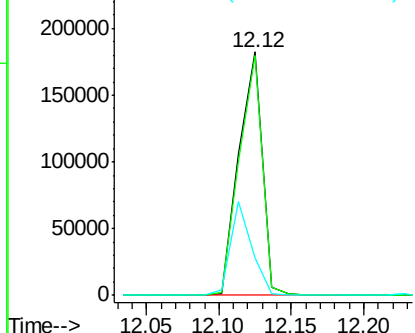
#41
 2,4,6-Tribromophenol
 Concen: 129.39 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	35.0	0.0	0.0#

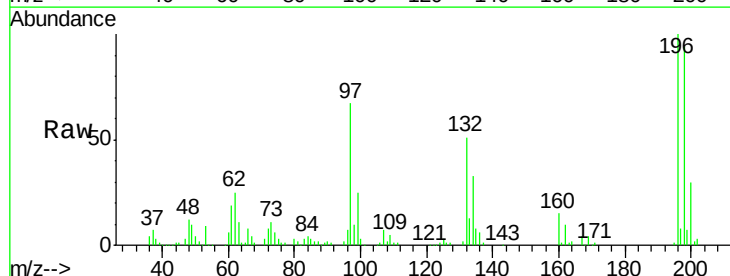


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

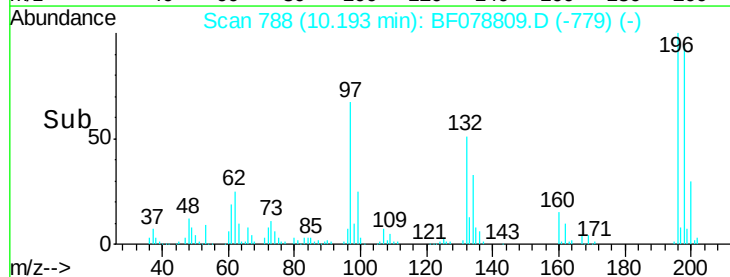
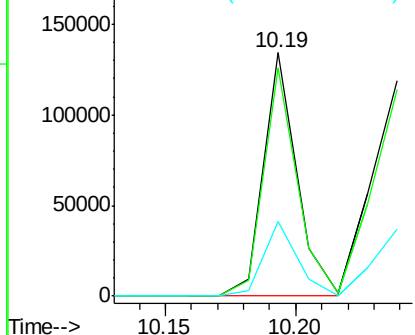


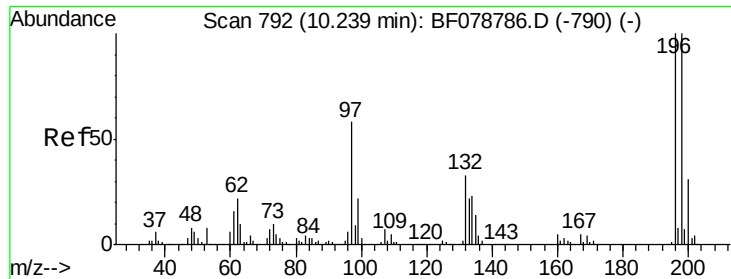
#42
 2,4,6-Trichlorophenol
 Concen: 42.94 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	80.5	120.7
200	30.4	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

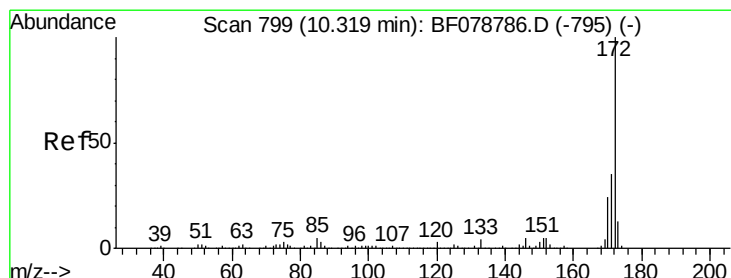
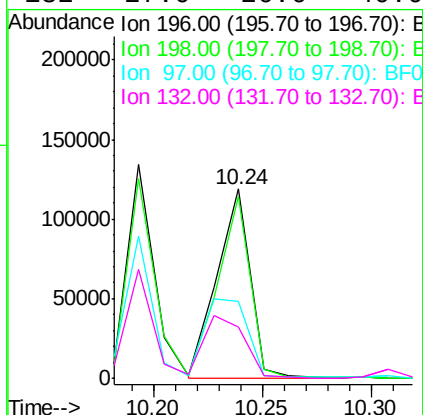
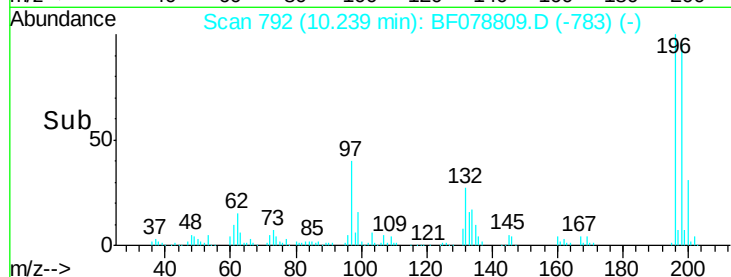
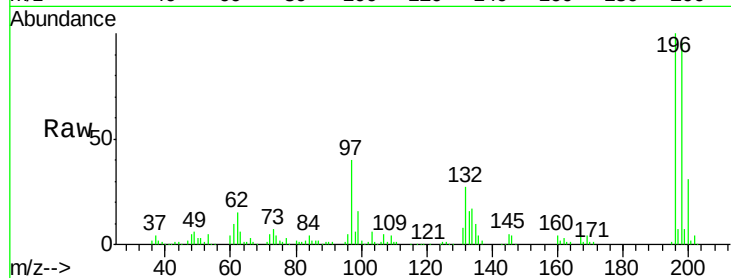




#43
 2,4,5-Trichlorophenol
 Concen: 42.98 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

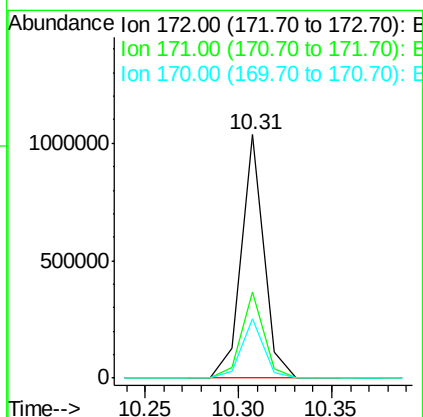
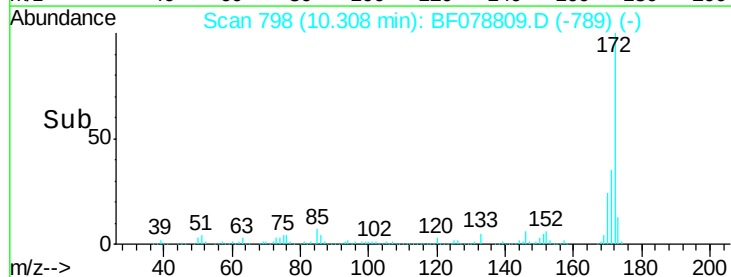
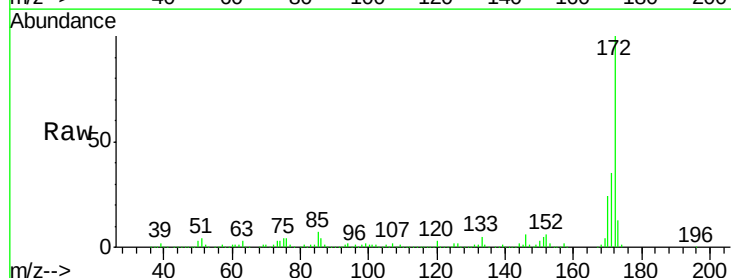
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

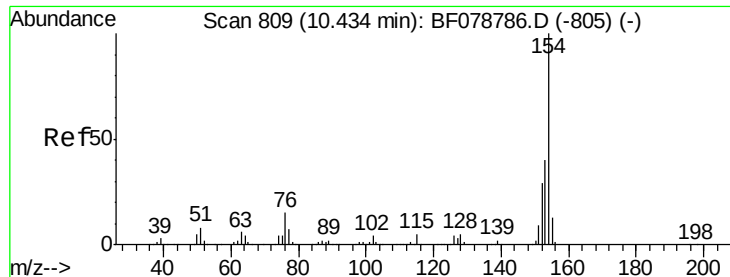
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.8	119.6
97	40.4	46.0	69.0
132	27.0	26.6	40.0



#44
 2-Fluorobiphenyl
 Concen: 75.47 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.3	19.4	29.0





#45

1,1'-Biphenyl

Concen: 40.95 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

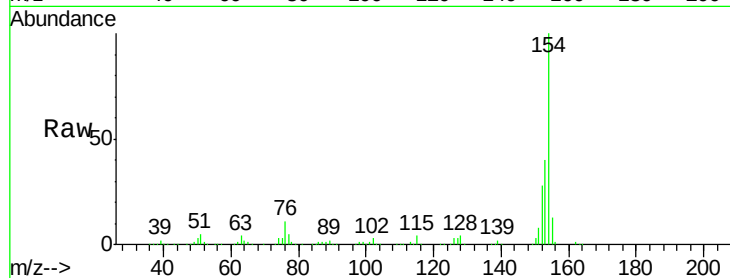
Tgt Ion:154 Resp: 522213

Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

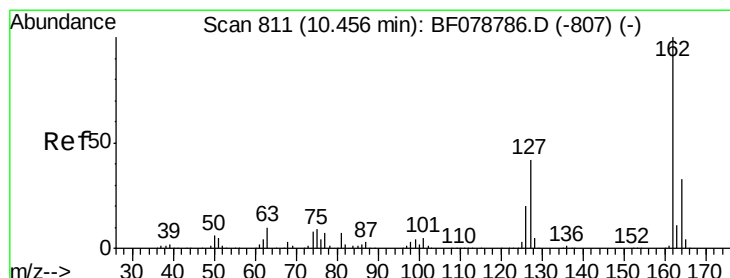
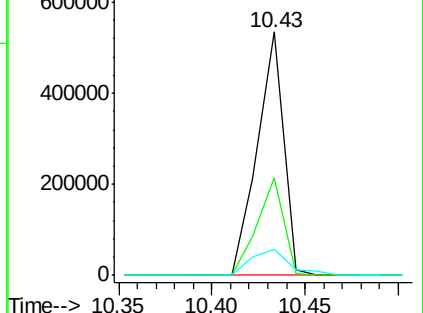
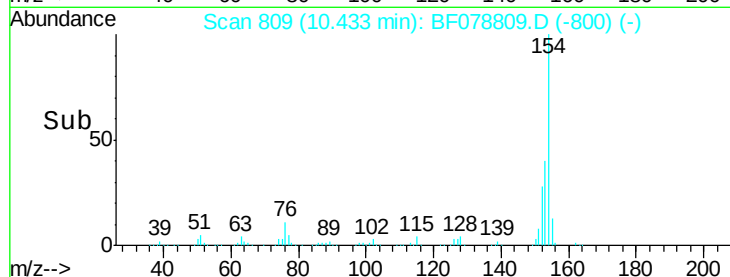
76 10.5 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.57 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

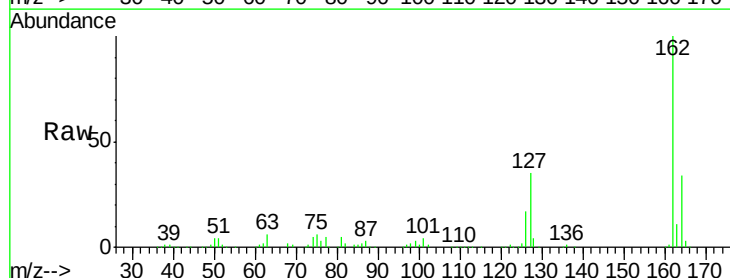
Tgt Ion:162 Resp: 384339

Ion Ratio Lower Upper

162 100

127 35.5 33.9 50.9

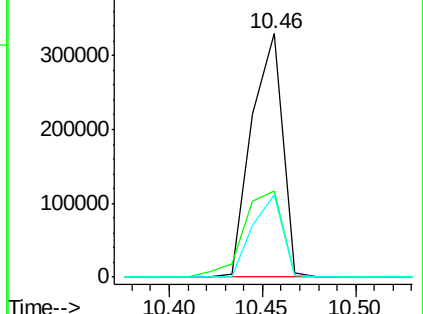
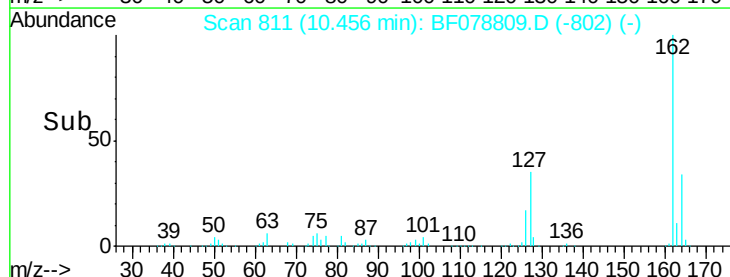
164 34.0 26.3 39.5

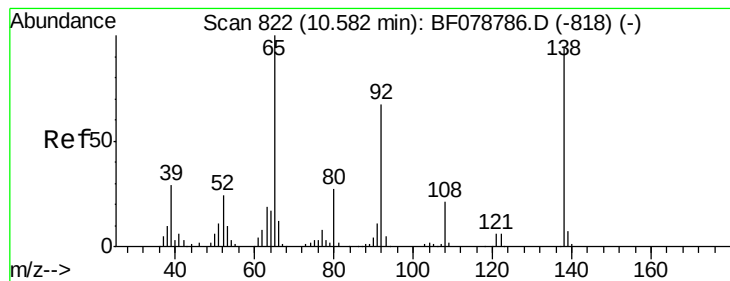


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.38 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

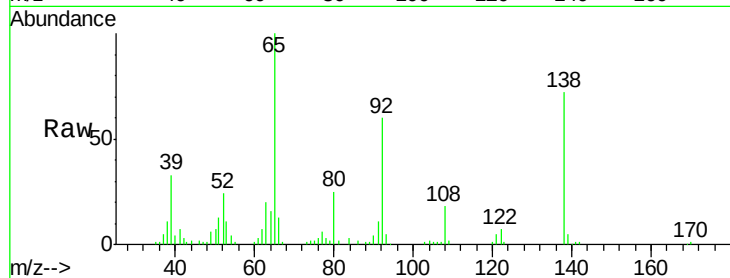
Tgt Ion: 65 Resp: 103118

Ion Ratio Lower Upper

65 100

92 59.6 54.0 81.0

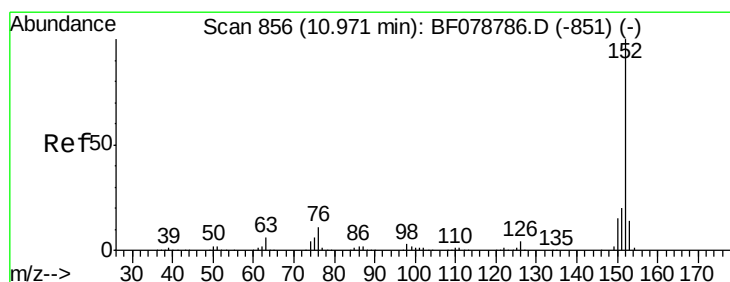
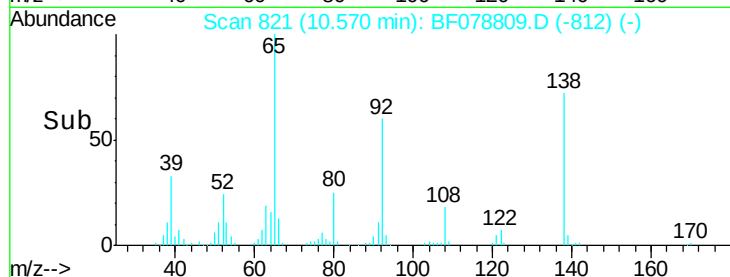
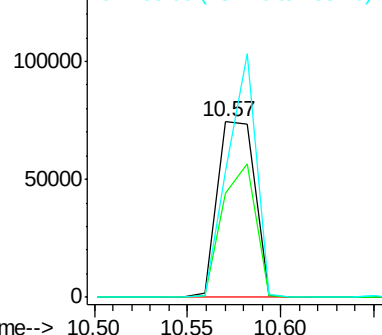
138 72.1 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BF078786.D (-818) (-)

Ion 92.00 (91.70 to 92.70): BF078786.D (-818) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-818) (-)



#48

Acenaphthylene

Concen: 38.93 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

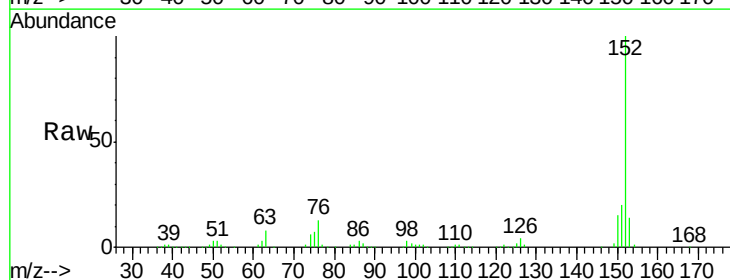
Tgt Ion: 152 Resp: 634840

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

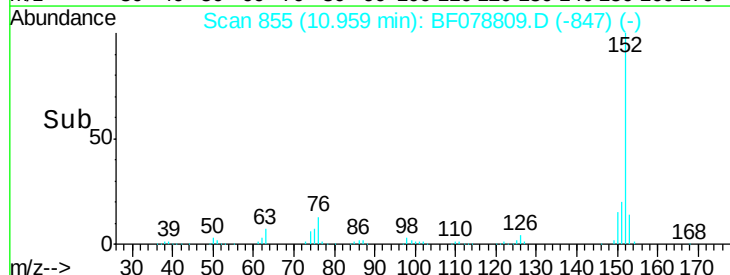
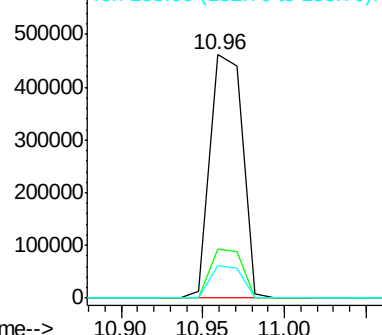
153 13.5 10.9 16.3

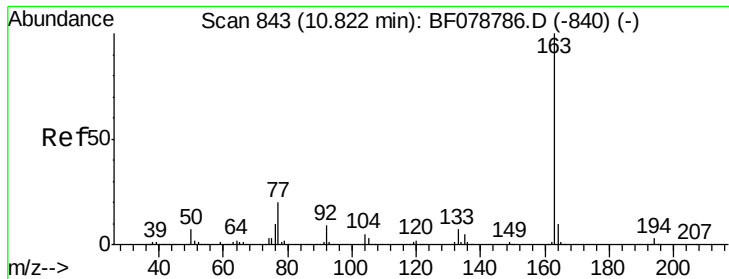


Abundance Ion 152.00 (151.70 to 152.70): BF078786.D (-851) (-)

Ion 151.00 (150.70 to 151.70): BF078786.D (-851) (-)

Ion 153.00 (152.70 to 153.70): BF078786.D (-851) (-)





#49

Dimethylphthalate

Concen: 39.58 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

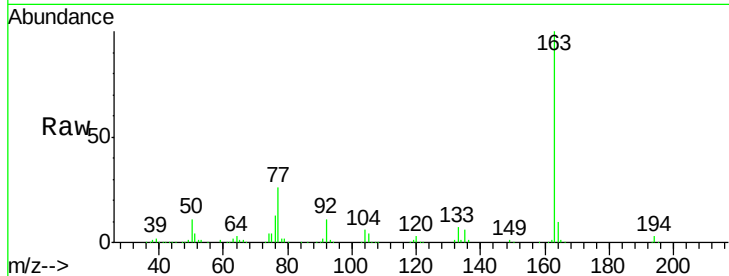
Tgt Ion:163 Resp: 447095

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

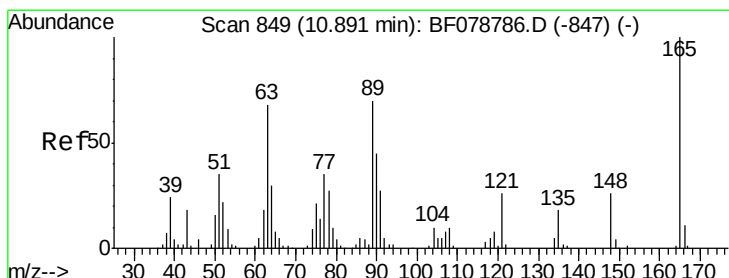
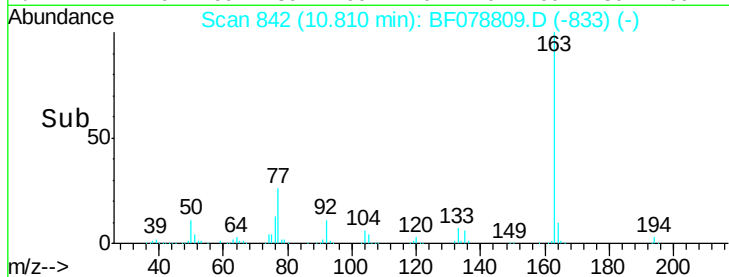
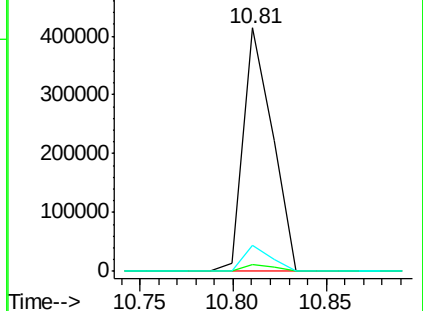
164 10.5 8.1 12.1



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: 46.44 ng

RT: 10.89 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

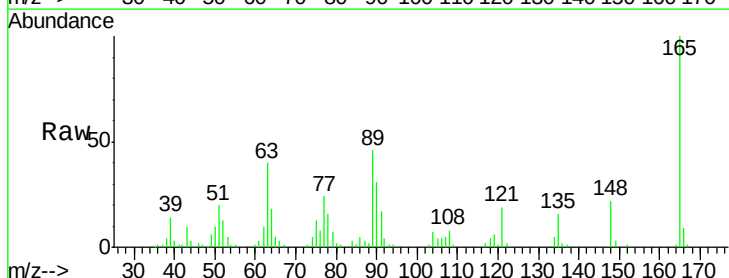
Tgt Ion:165 Resp: 85451

Ion Ratio Lower Upper

165 100

63 40.0 54.4 81.6#

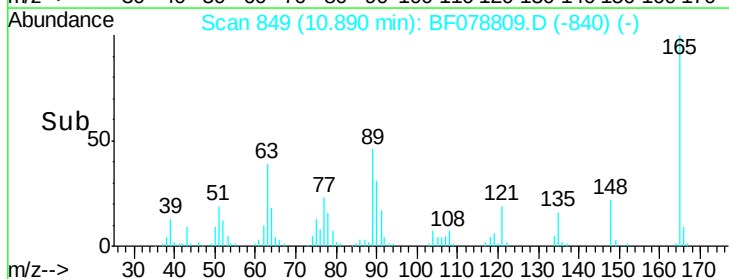
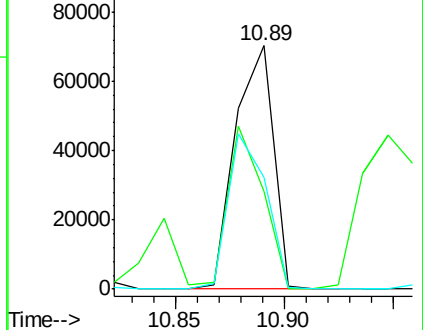
89 45.7 55.7 83.5#

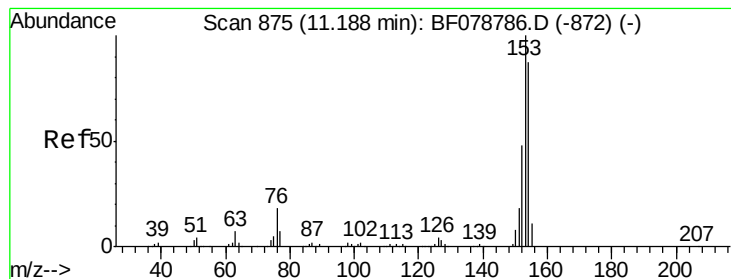


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.83 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

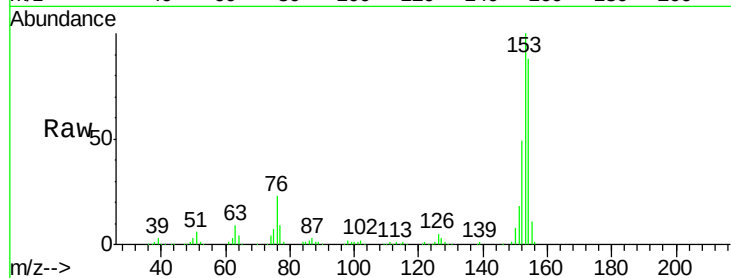
Tgt Ion:154 Resp: 381394

Ion Ratio Lower Upper

154 100

153 113.3 91.5 137.3

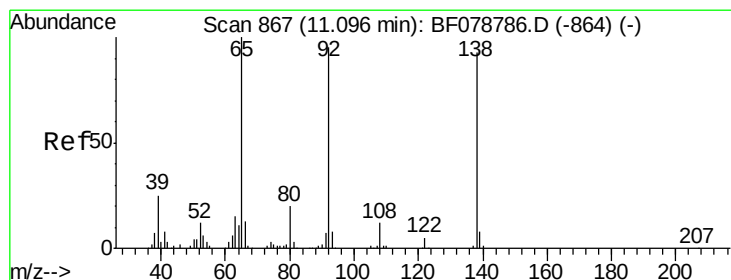
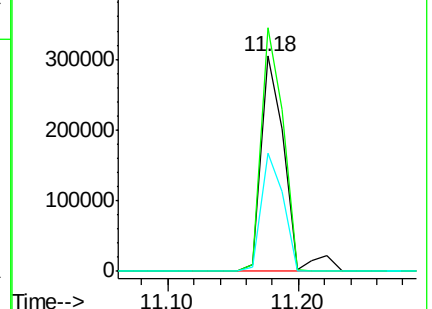
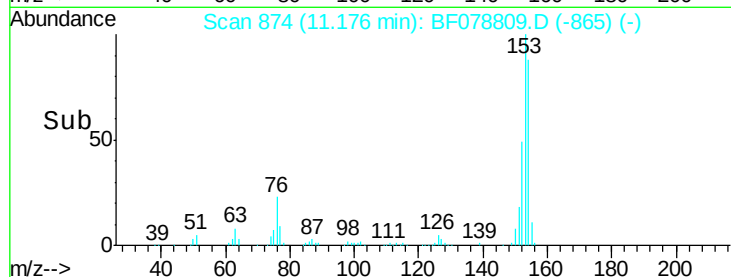
152 55.3 44.2 66.4



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: 28.90 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

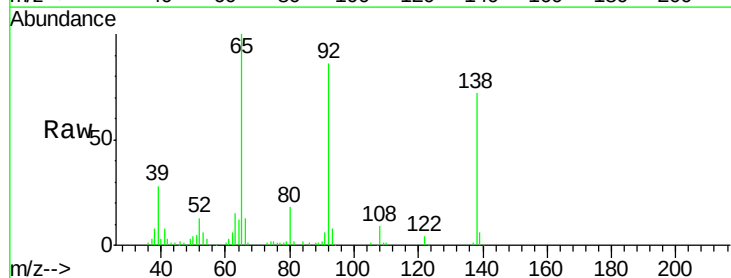
Tgt Ion:138 Resp: 69010

Ion Ratio Lower Upper

138 100

108 12.5 10.6 16.0

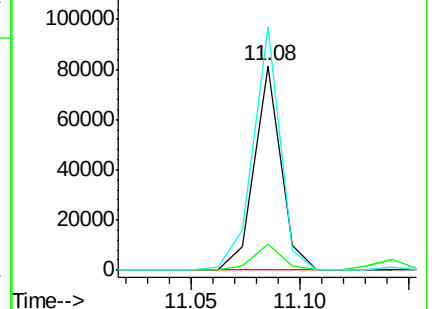
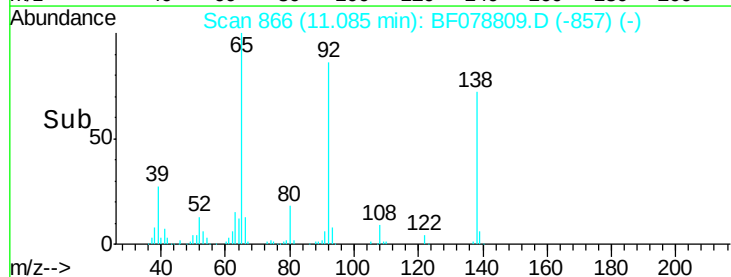
92 119.4 81.8 122.6

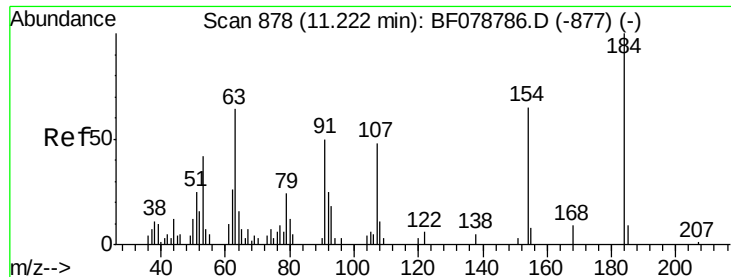


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

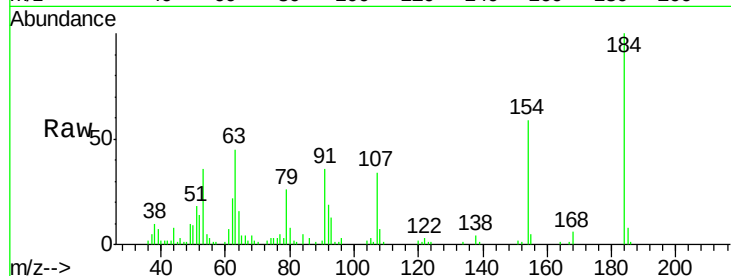




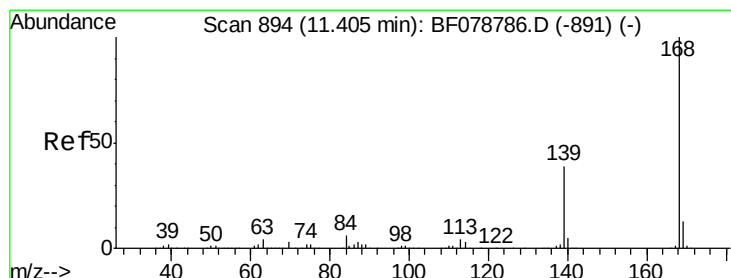
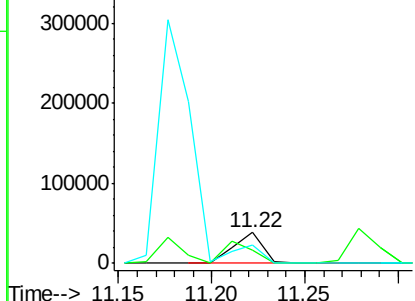
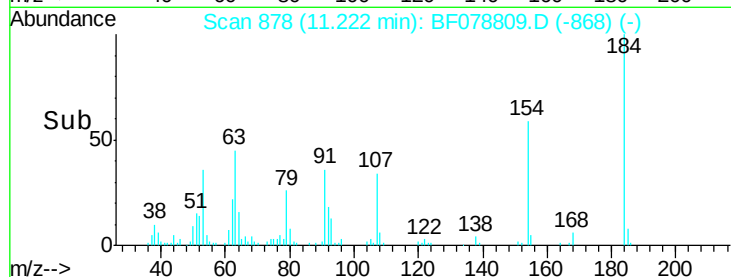
#53
 2,4-Dinitrophenol
 Concen: 141.68 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion:184 Resp: 41658
 Ion Ratio Lower Upper
 184 100
 63 44.5 63.3 94.9#
 154 58.8 53.8 80.6

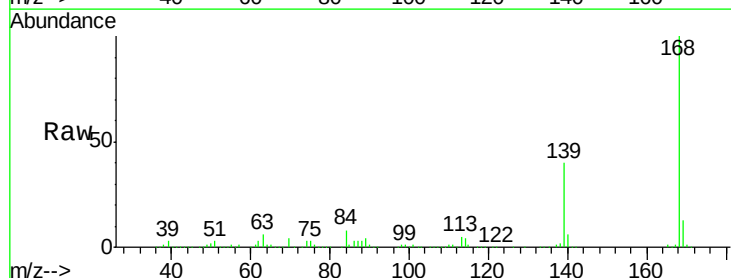


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

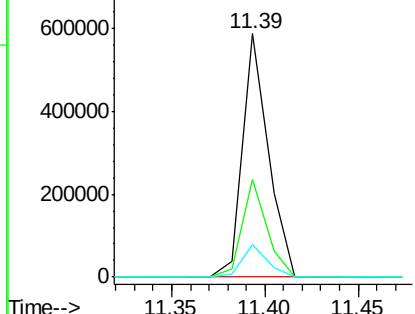
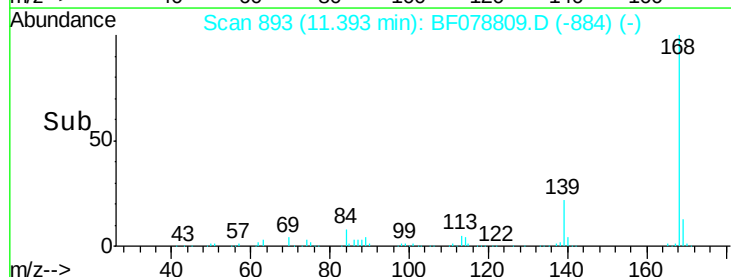


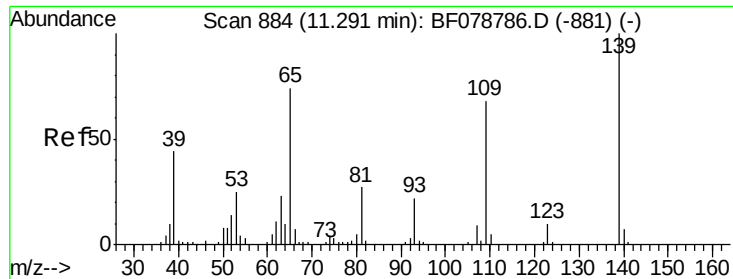
#54
 Dibenzofuran
 Concen: 40.41 ng
 RT: 11.39 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:168 Resp: 567742
 Ion Ratio Lower Upper
 168 100
 139 40.3 31.0 46.4
 169 13.5 10.6 16.0



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

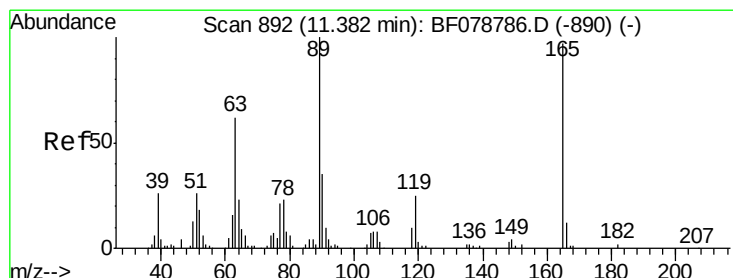
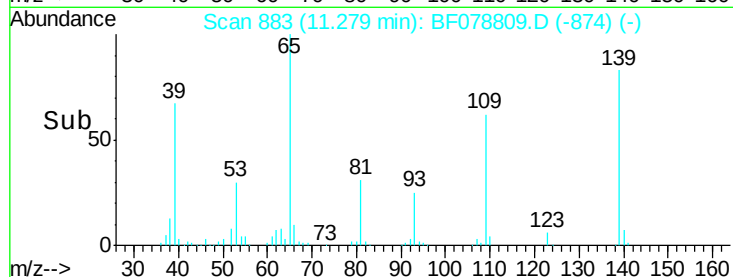
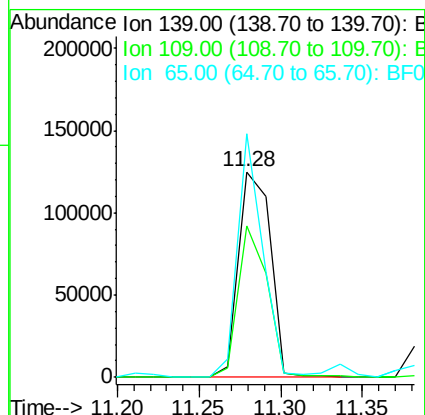
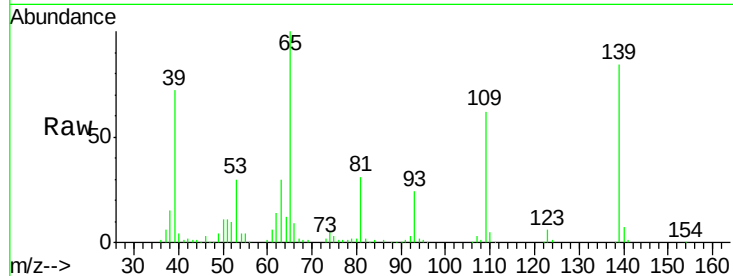




#55
4-Nitrophenol
Concen: 87.49 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

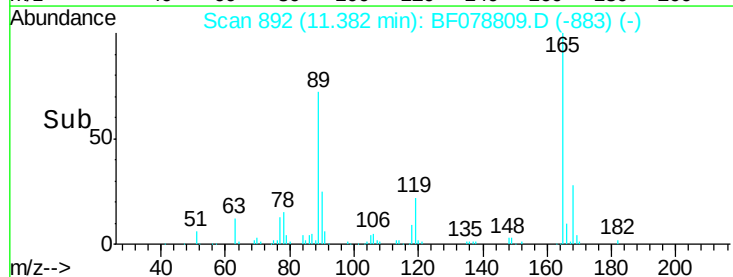
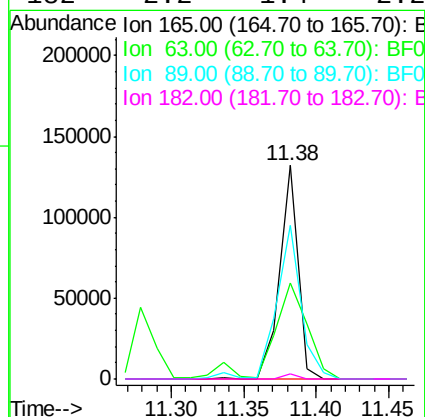
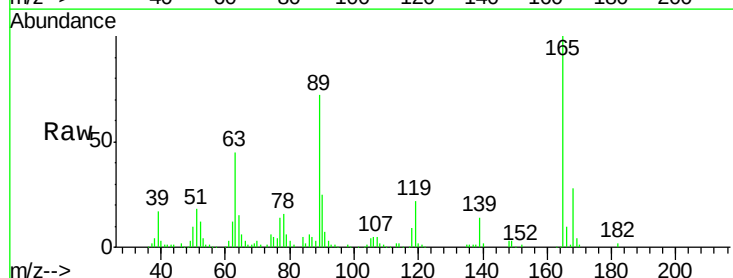
Instrument :
BNA_F
ClientSampleId :
PB83058BSD

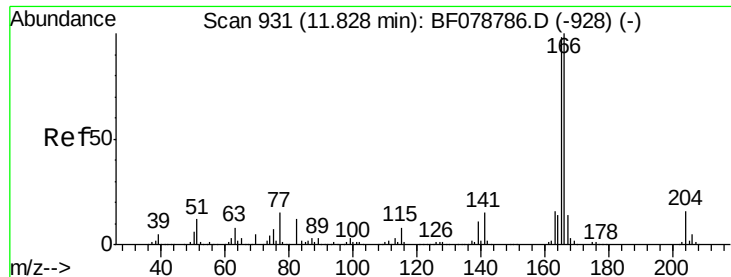
Tgt Ion:139 Resp: 168886
Ion Ratio Lower Upper
139 100
109 73.6 47.6 87.6
65 118.6 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 51.31 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion:165 Resp: 116091
Ion Ratio Lower Upper
165 100
63 45.0 51.2 76.8#
89 72.2 82.7 124.1#
182 2.2 1.4 2.2#

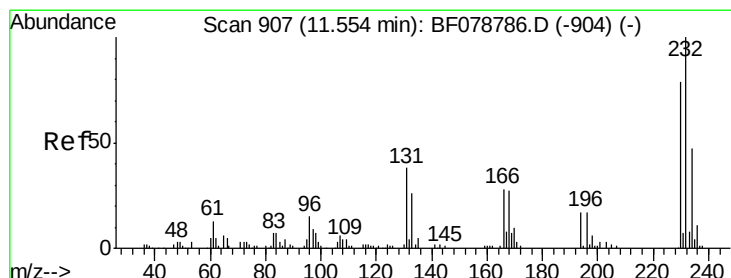
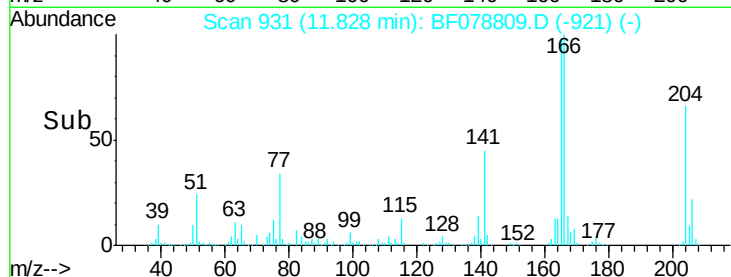
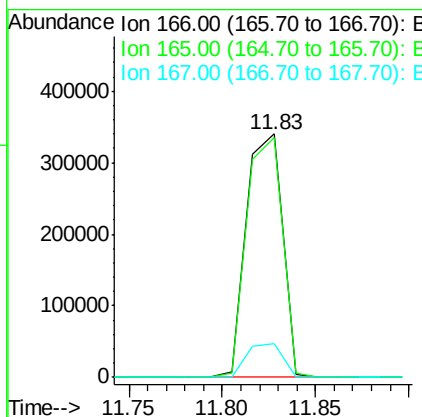
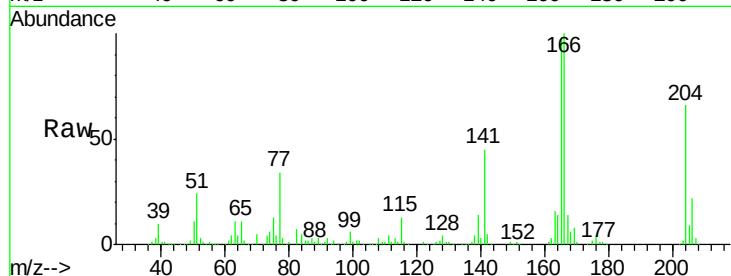




#57
 Fluorene
 Concen: 40.61 ng
 RT: 11.83 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

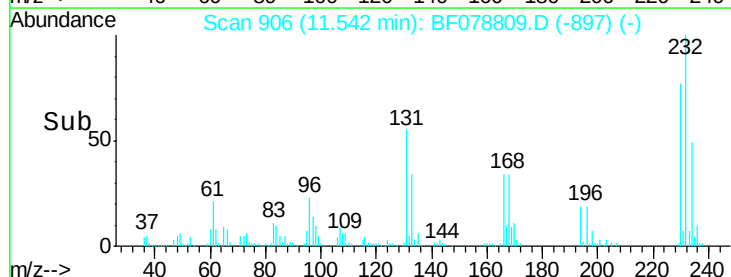
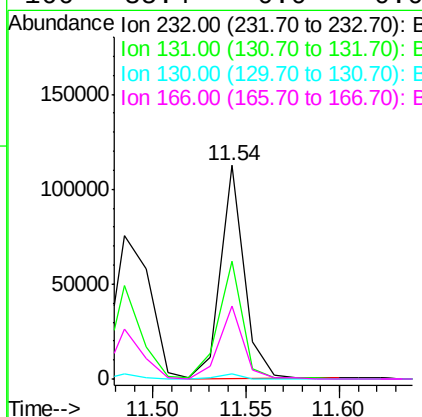
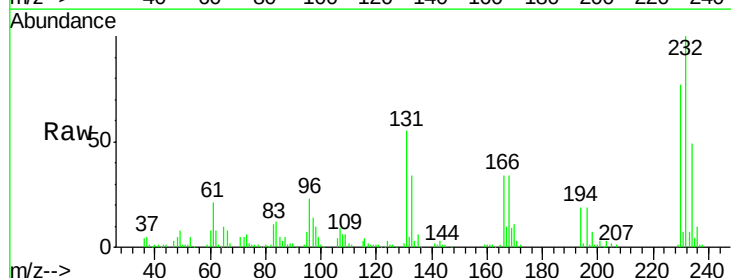
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

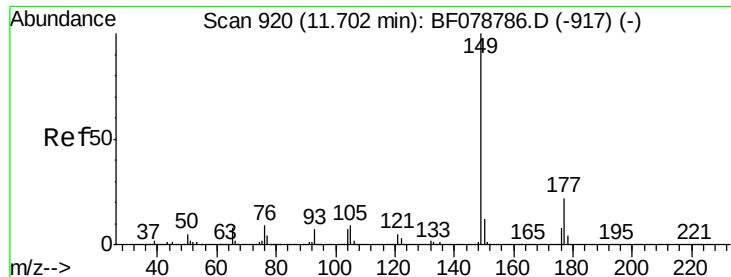
Tgt Ion:166 Resp: 456063
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.5 117.7
 167 13.6 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.48 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:232 Resp: 99441
 Ion Ratio Lower Upper
 232 100
 131 56.9 0.0 0.0#
 130 2.2 0.0 0.0#
 166 35.4 0.0 0.0#

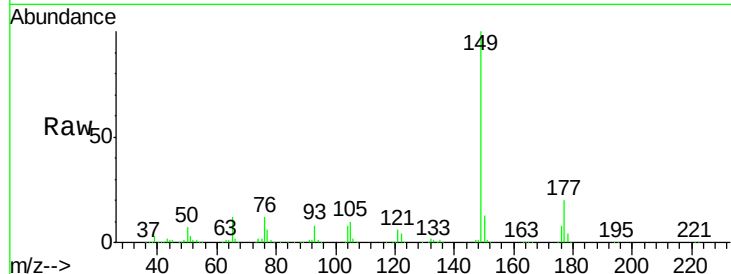




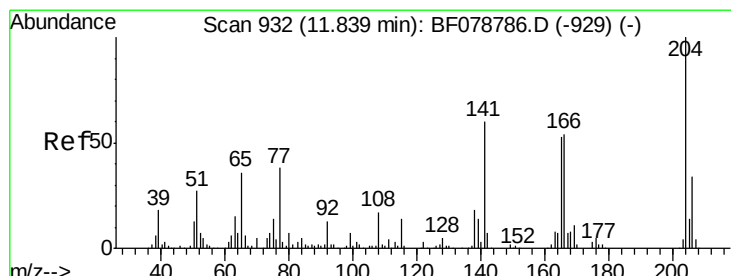
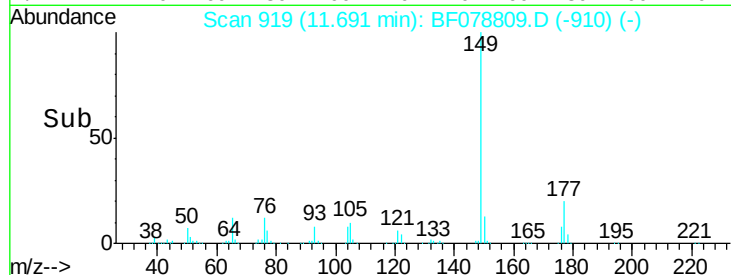
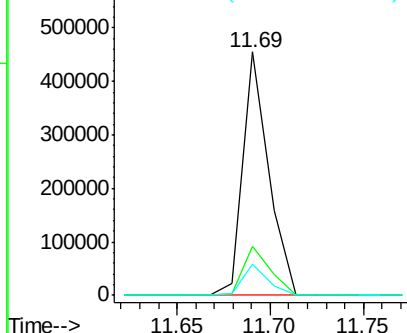
#59
Diethylphthalate
Concen: 38.92 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Instrument :
BNA_F
ClientSampleId :
PB83058BSD

Tgt Ion:149 Resp: 437522
Ion Ratio Lower Upper
149 100
177 20.1 17.5 26.3
150 12.8 9.6 14.4

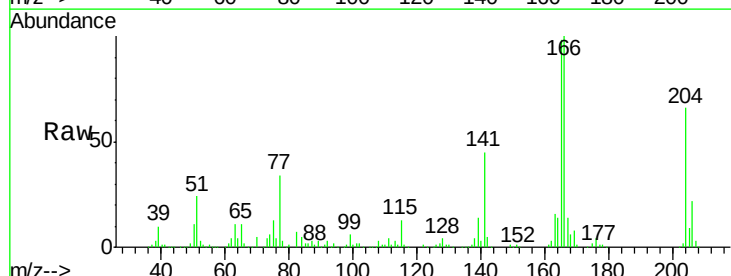


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

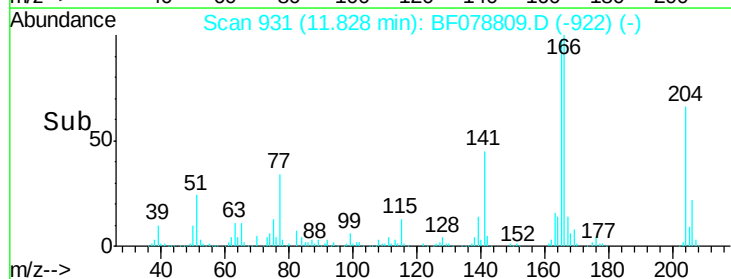
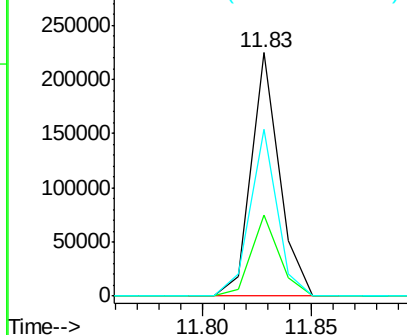


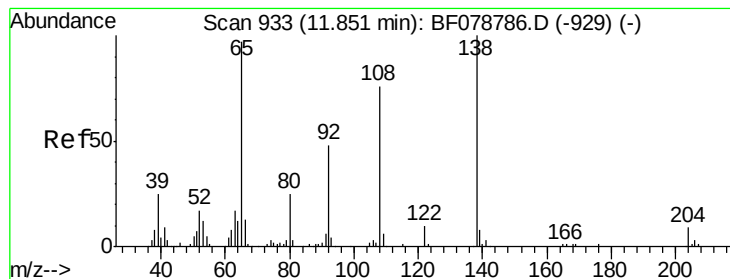
#60
4-Chlorophenyl-phenylether
Concen: 40.32 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion:204 Resp: 201487
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 68.4 48.3 72.5



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





#61

4-Nitroaniline

Concen: 40.12 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

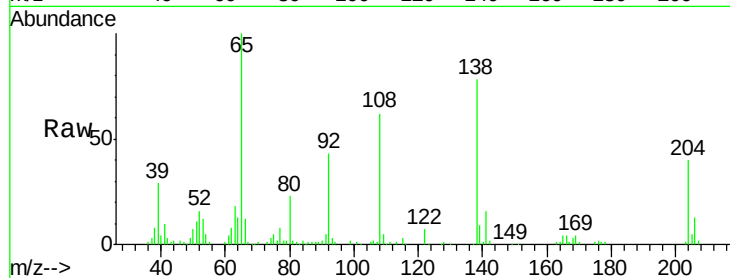
Tgt Ion:138 Resp: 95577

Ion Ratio Lower Upper

138 100

92 55.2 28.0 68.0

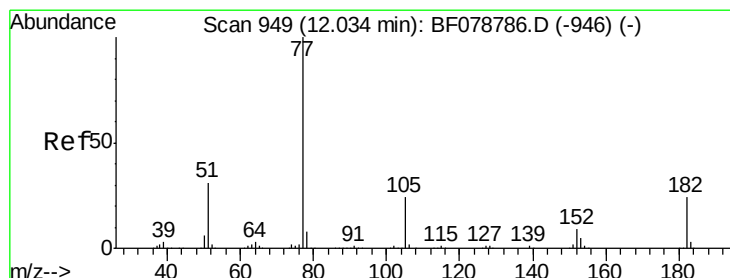
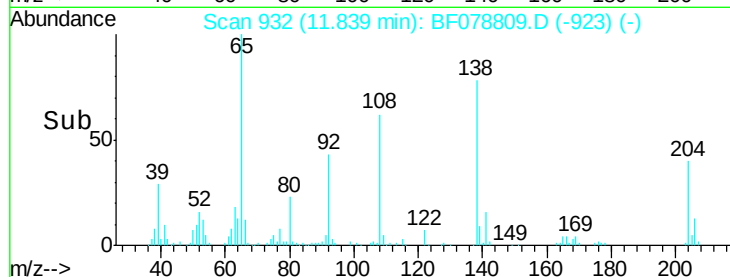
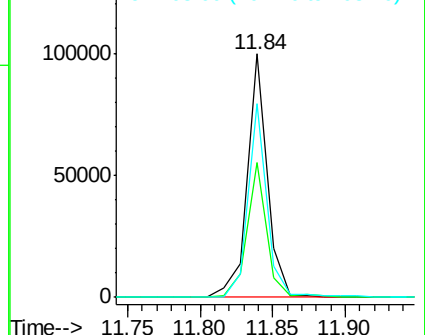
108 79.3 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.85 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Tgt Ion: 77 Resp: 479590

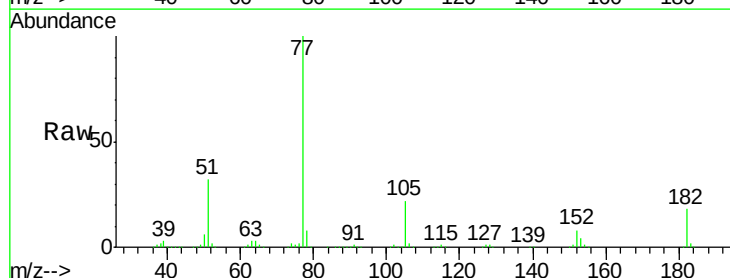
Ion Ratio Lower Upper

77 100

182 17.7 3.8 43.8

105 22.2 3.9 43.9

51 32.5 10.8 50.8

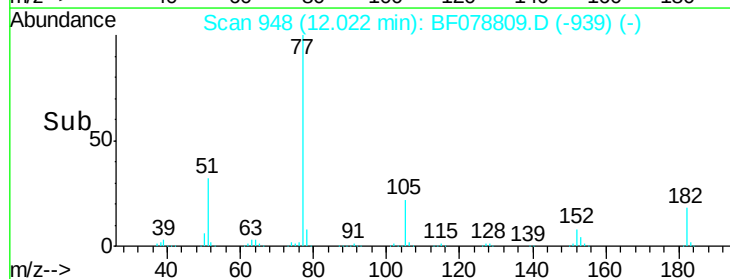
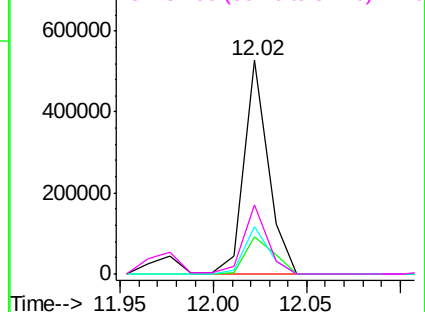


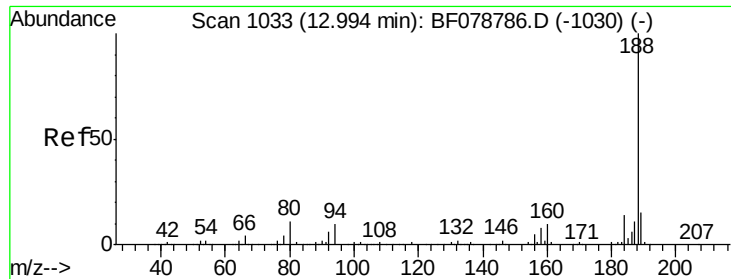
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

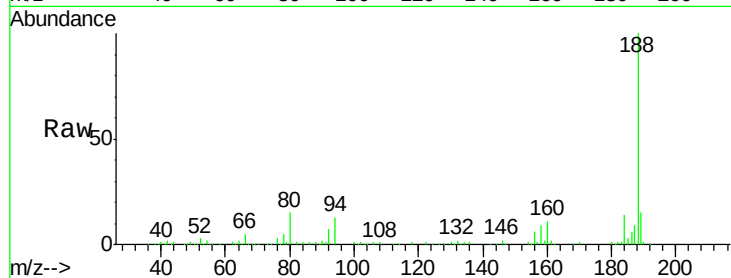




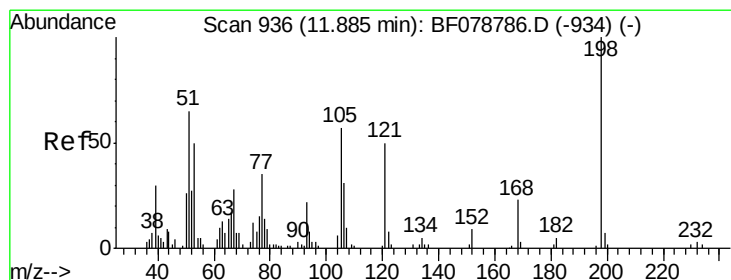
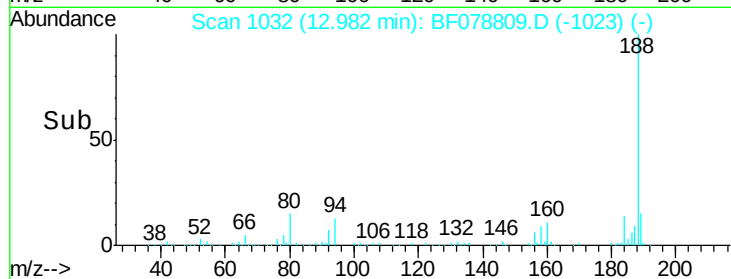
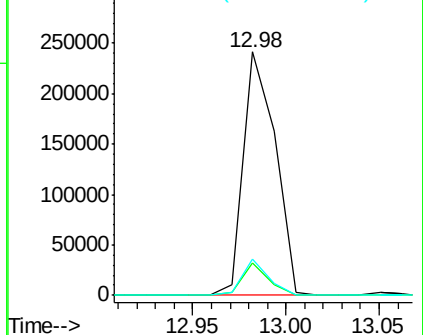
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Instrument :
BNA_F
ClientSampleId :
PB83058BSD

Tgt Ion:188 Resp: 286326
Ion Ratio Lower Upper
188 100
94 13.3 8.2 12.2#
80 15.0 8.9 13.3#

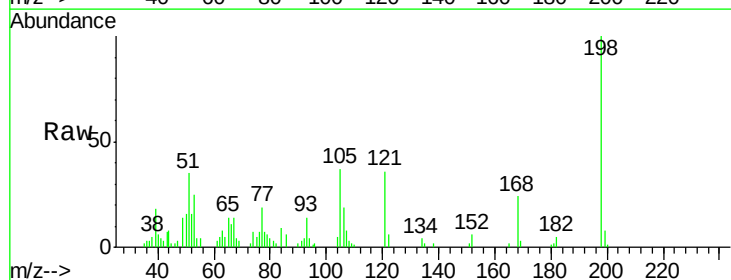


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

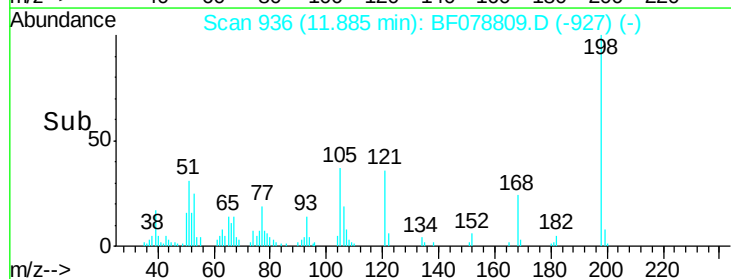
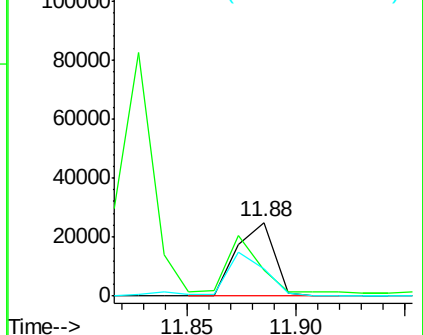


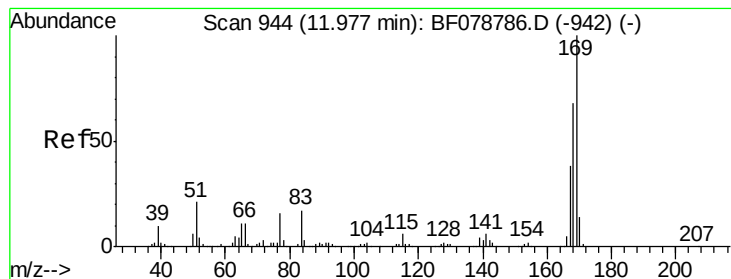
#64
4,6-Dinitro-2-methylphenol
Concen: 58.47 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion:198 Resp: 29738
Ion Ratio Lower Upper
198 100
51 34.8 47.3 87.3#
105 37.3 38.8 78.8#



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

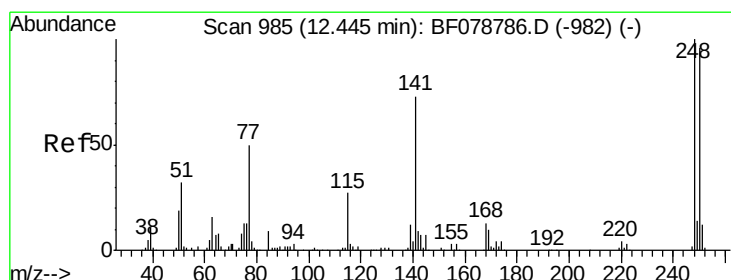
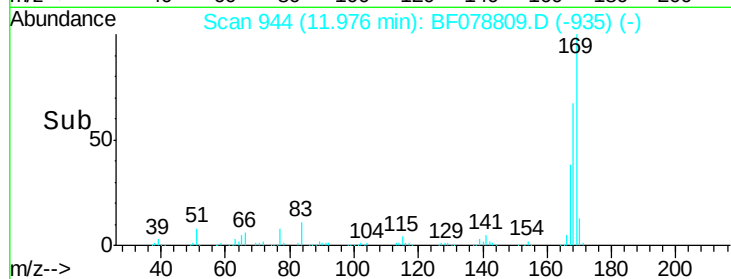
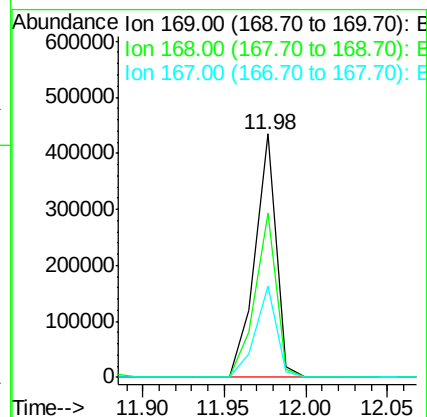
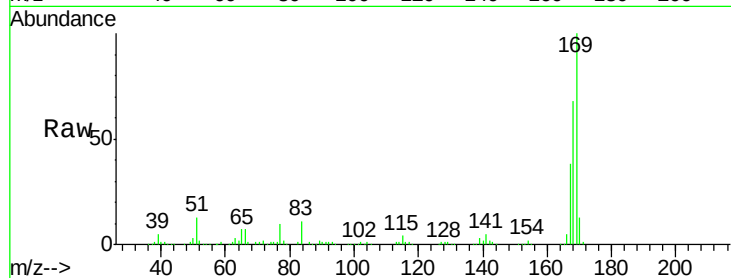




#65
 n-Nitrosodiphenylamine
 Concen: 42.52 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

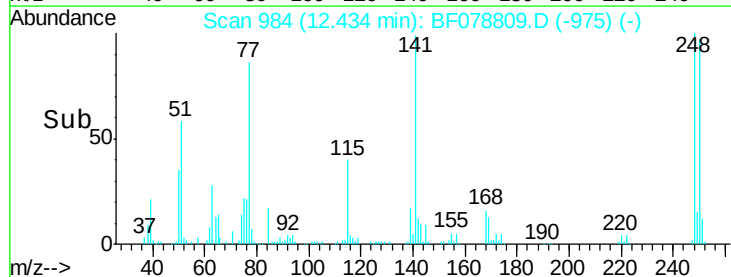
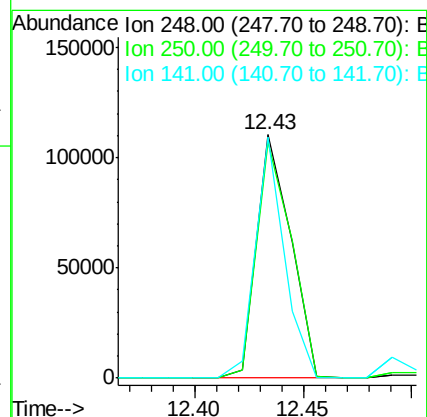
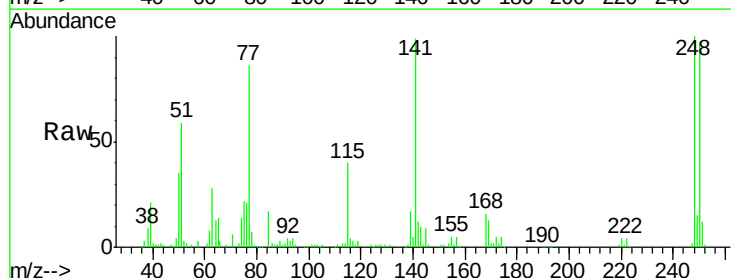
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

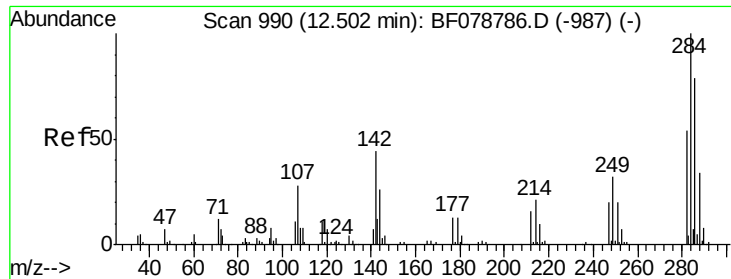
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.6	82.0
167	37.7	30.6	45.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.88 ng
 RT: 12.43 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.1	115.7
141	98.8	58.8	88.2





#67

Hexachlorobenzene

Concen: 42.19 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

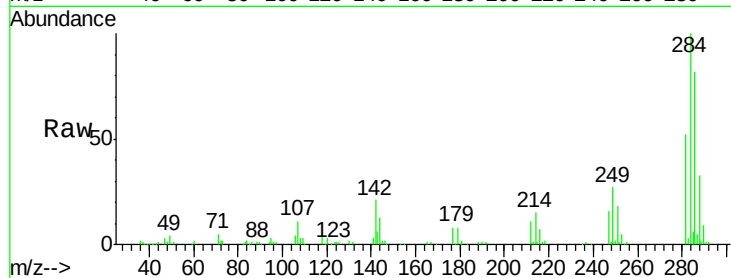
Tgt Ion:284 Resp: 138113

Ion Ratio Lower Upper

284 100

142 21.2 35.2 52.8#

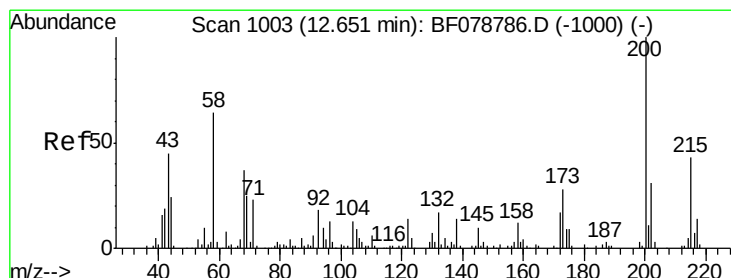
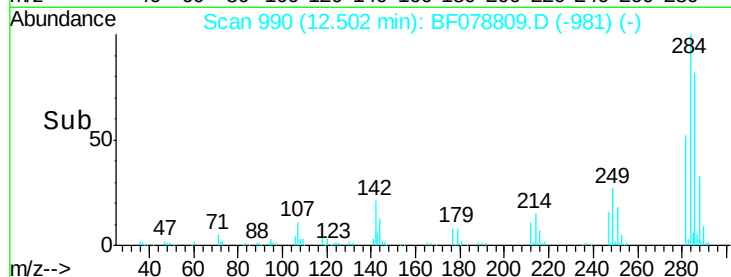
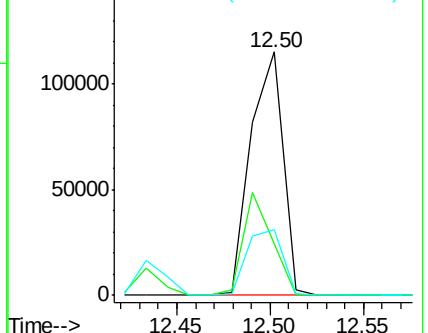
249 26.8 25.4 38.2



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: 47.02 ng

RT: 12.65 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

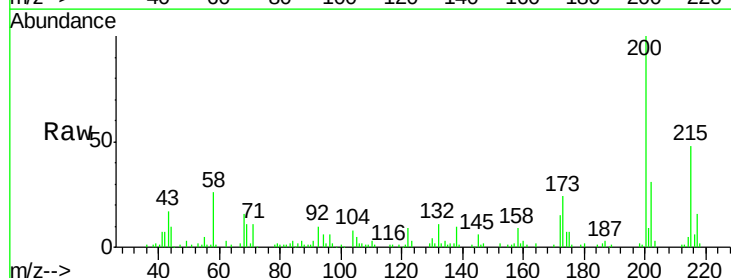
Tgt Ion:200 Resp: 116581

Ion Ratio Lower Upper

200 100

173 24.3 8.1 48.1

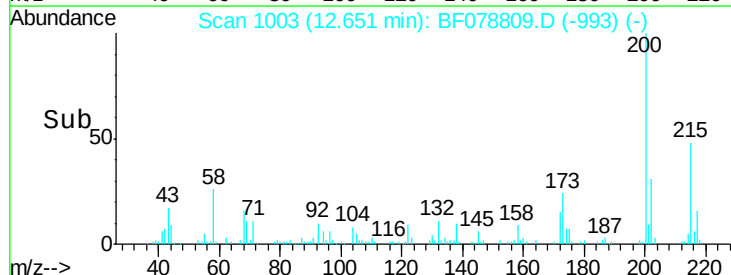
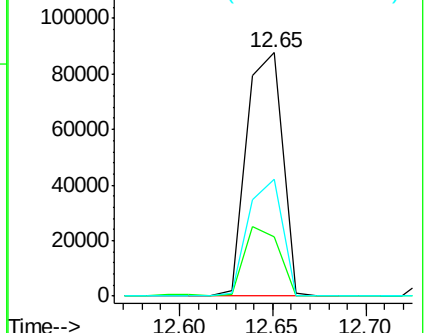
215 47.9 22.9 62.9

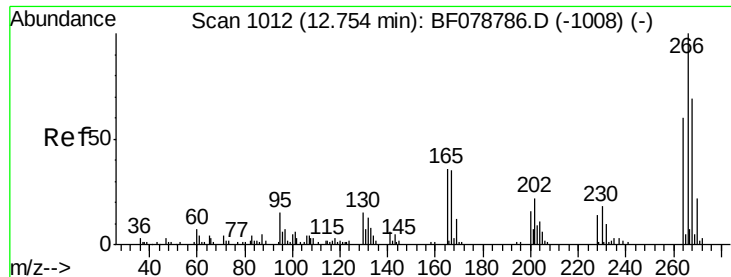


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

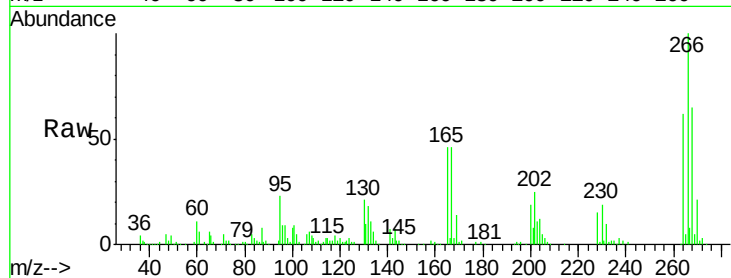




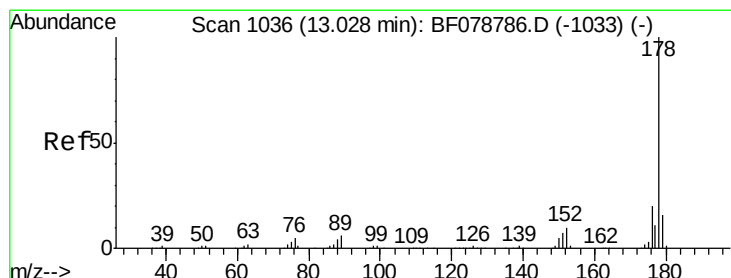
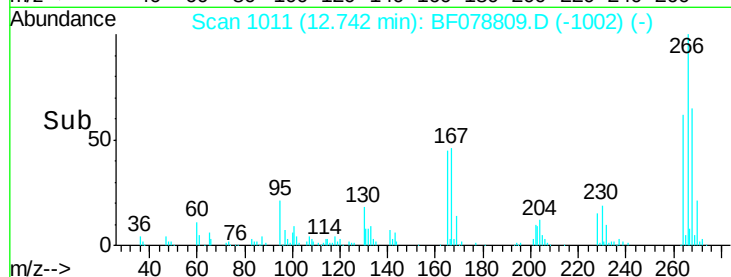
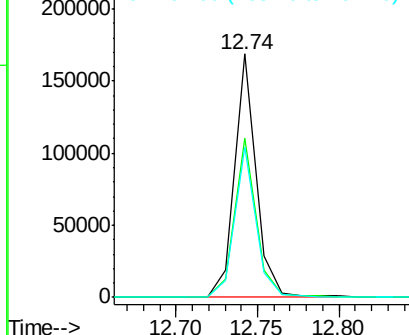
#69
 Pentachlorophenol
 Concen: 86.52 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion: 266 Resp: 152671
 Ion Ratio Lower Upper
 266 100
 268 65.4 55.0 82.6
 264 61.7 48.2 72.2

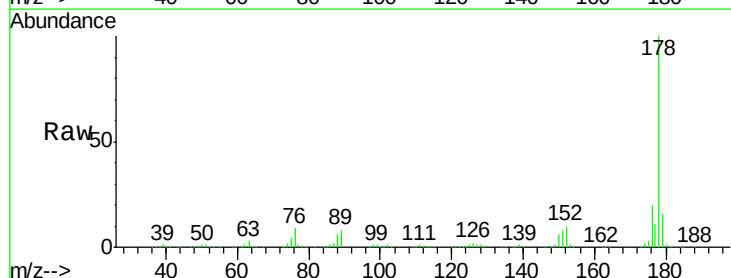


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

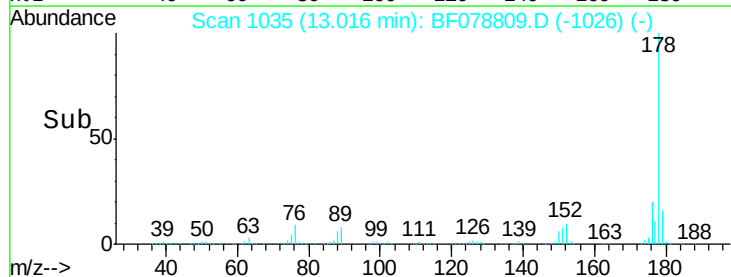
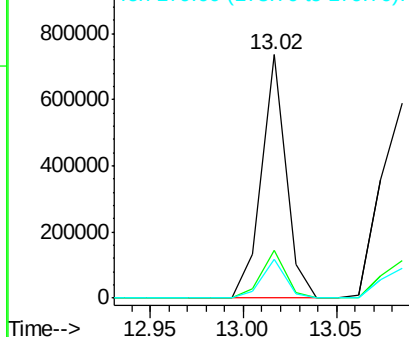


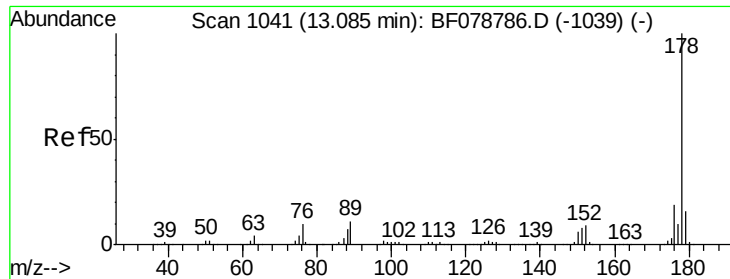
#70
 Phenanthrene
 Concen: 43.01 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion: 178 Resp: 666855
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 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

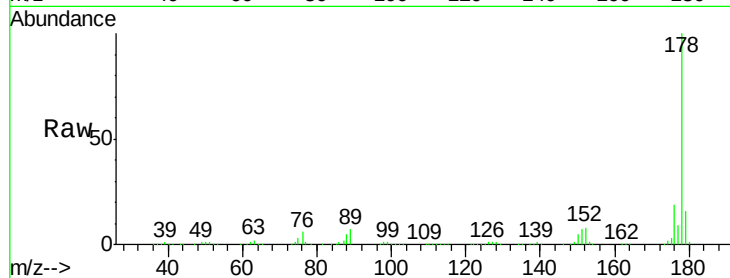




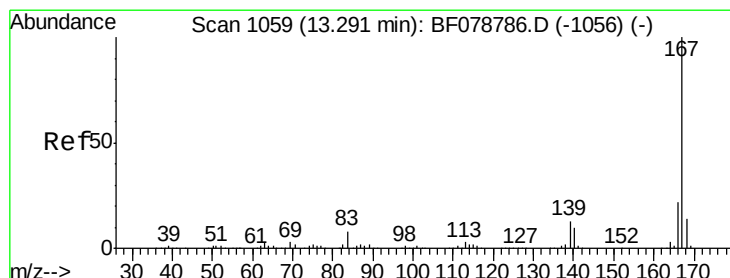
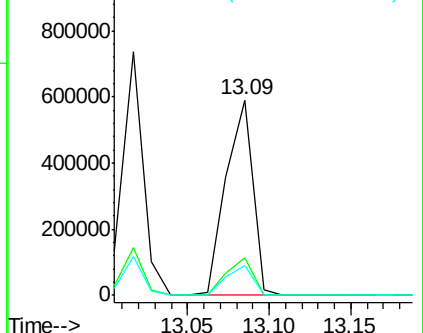
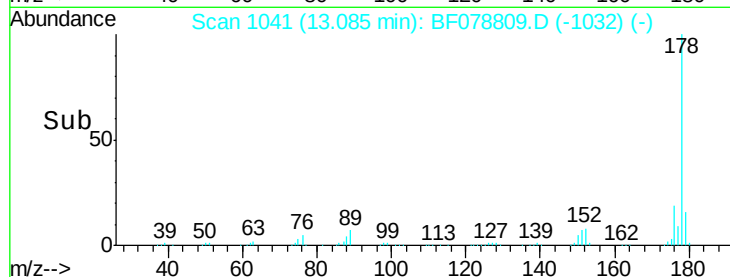
#71
 Anthracene
 Concen: 44.05 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

Tgt Ion:178 Resp: 667736
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.5 12.7 19.1

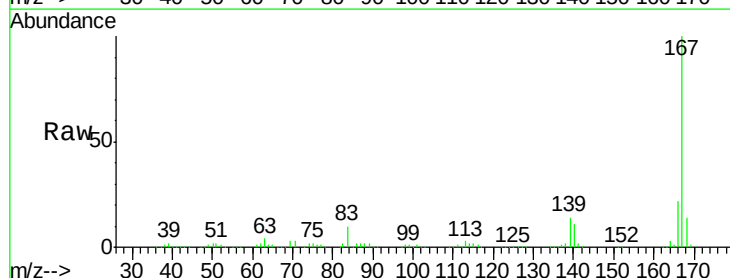


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

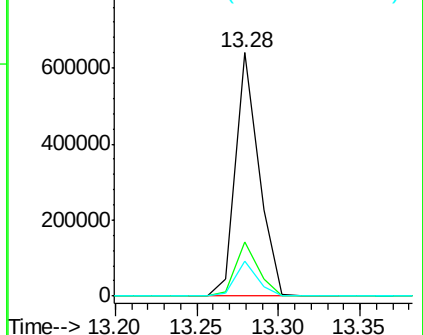
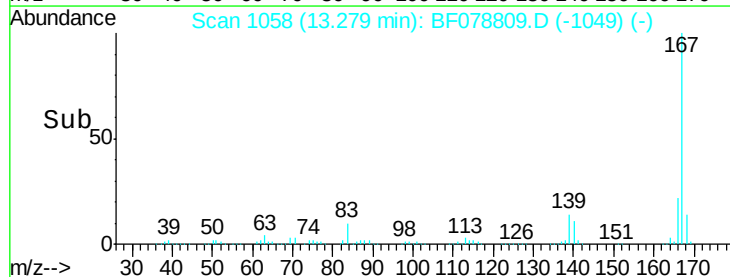


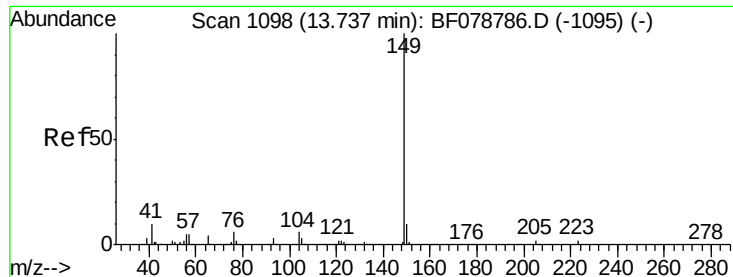
#72
 Carbazole
 Concen: 43.83 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion:167 Resp: 627381
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 14.2 10.6 16.0



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





#73

Di-n-butylphthalate

Concen: 42.70 ng

RT: 13.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

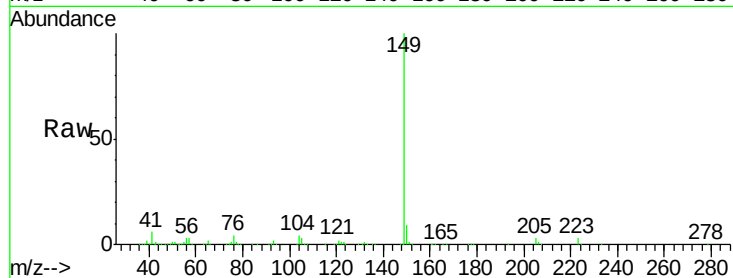
Tgt Ion:149 Resp: 708024

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

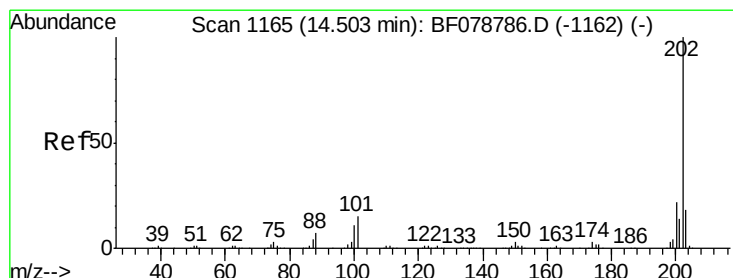
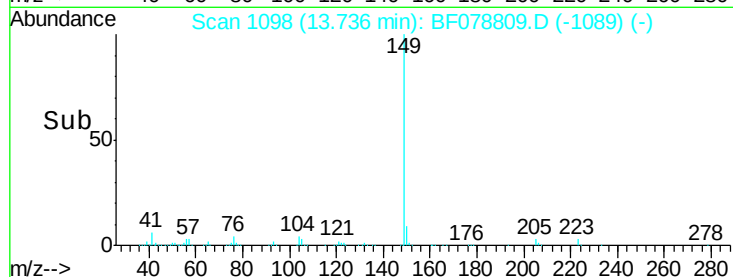
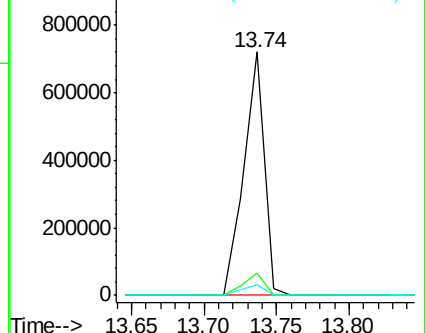
104 4.5 4.6 7.0#



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: 45.05 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

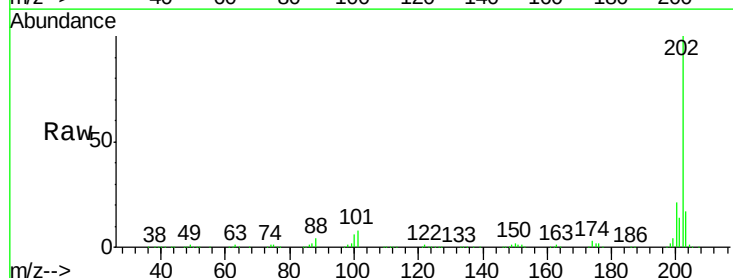
Tgt Ion:202 Resp: 696490

Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.6

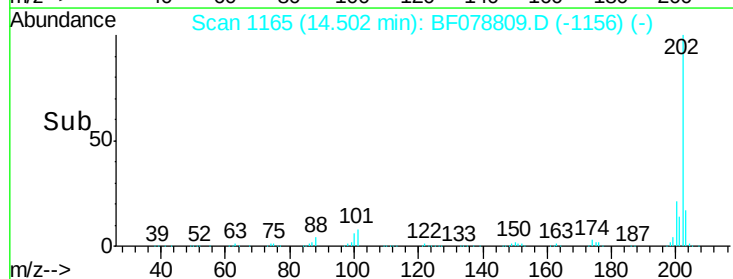
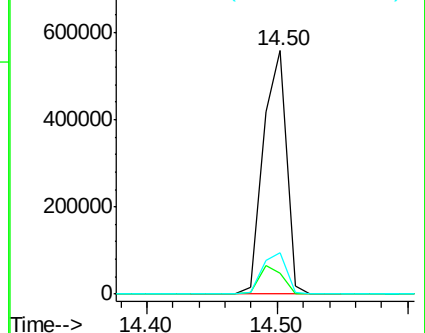
203 17.2 0.0 38.4

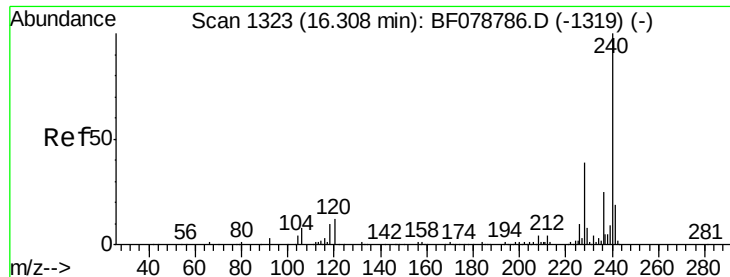


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.30 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

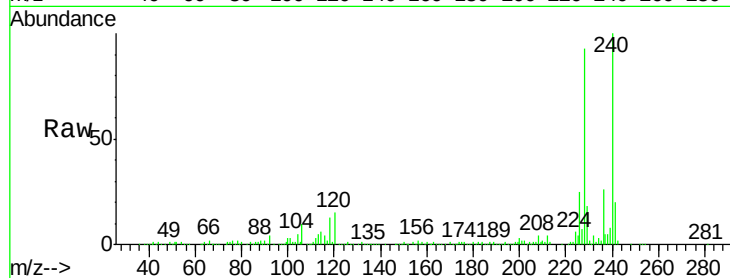
Tgt Ion:240 Resp: 297302

Ion Ratio Lower Upper

240 100

120 14.6 9.7 14.5#

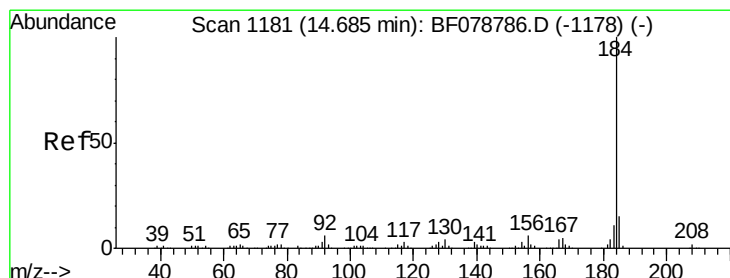
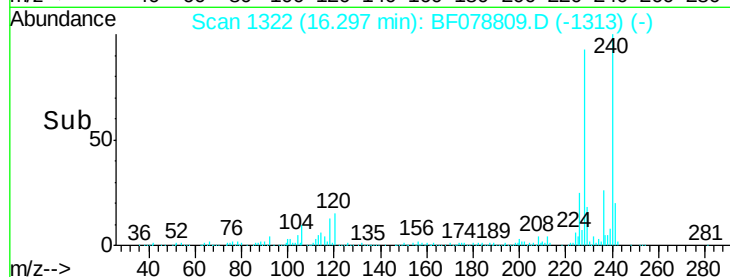
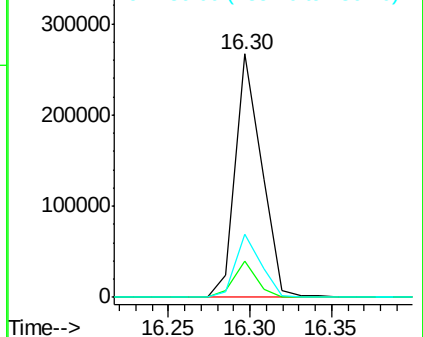
236 25.7 20.2 30.4



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: 25.13 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

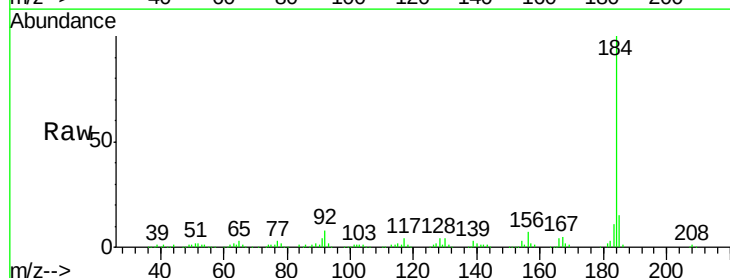
Tgt Ion:184 Resp: 241818

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

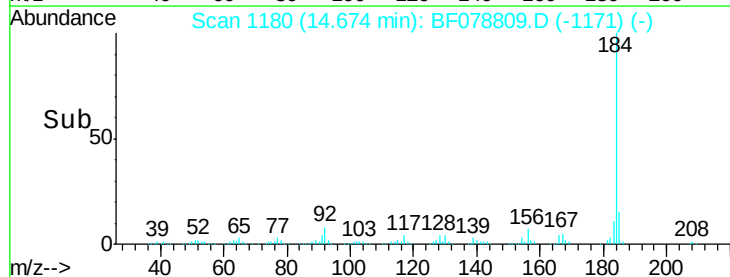
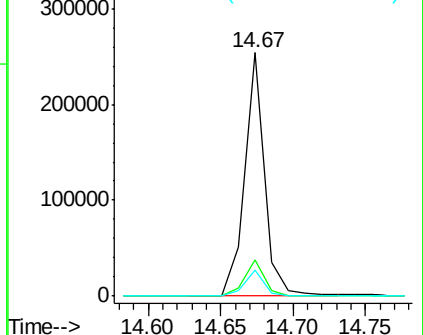
183 10.7 8.4 12.6

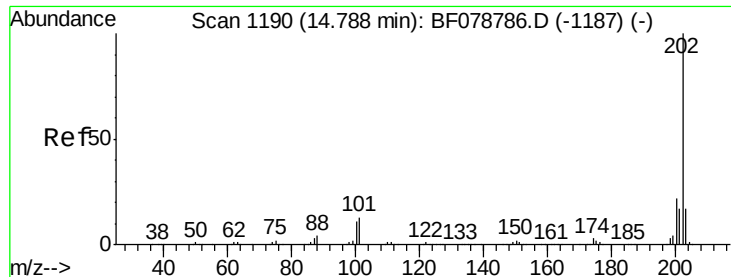


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

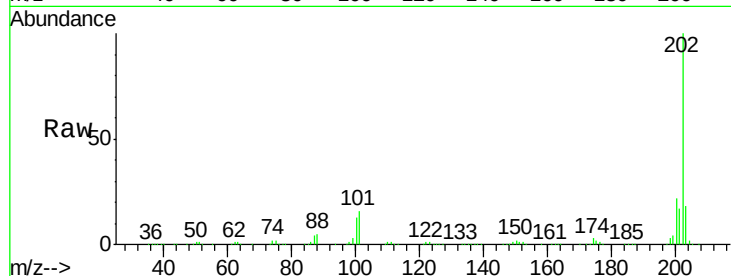




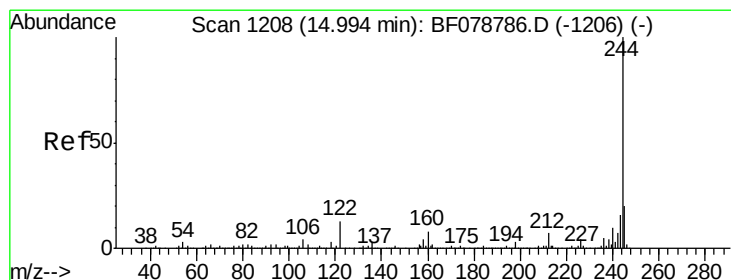
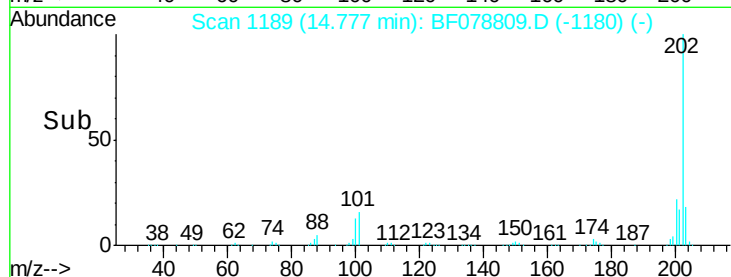
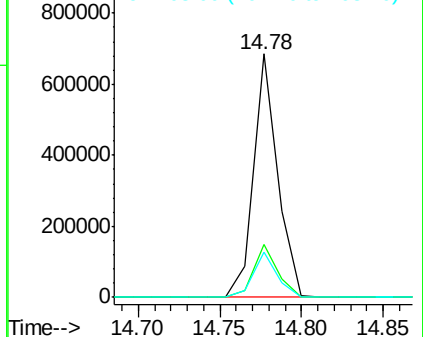
#77
Pyrene
Concen: 40.46 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Instrument :
BNA_F
ClientSampleId :
PB83058BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.4	13.9	20.9

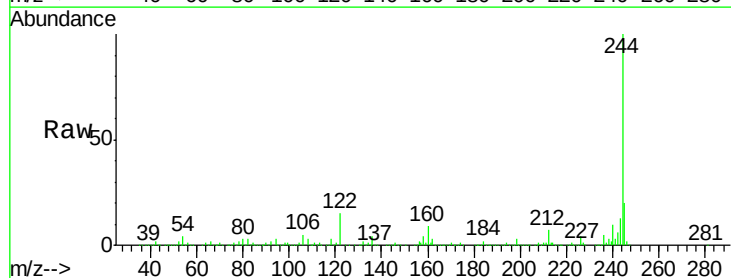


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

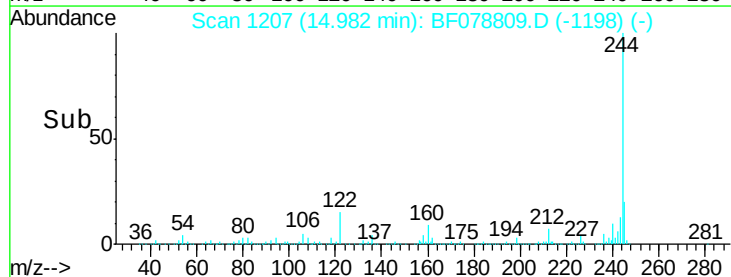
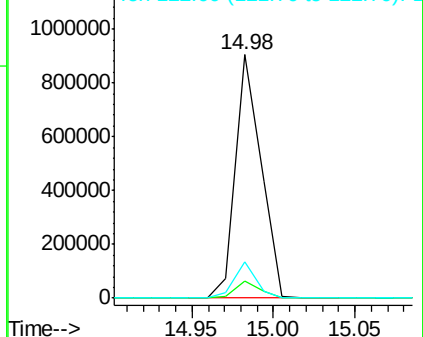


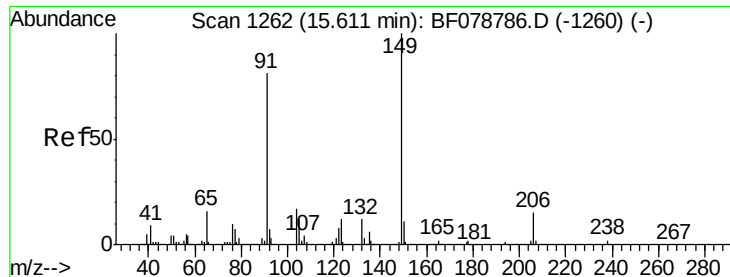
#78
Terphenyl-d14
Concen: 78.34 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	14.9	10.3	15.5



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

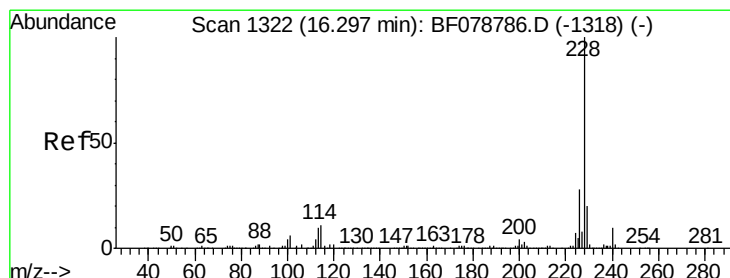
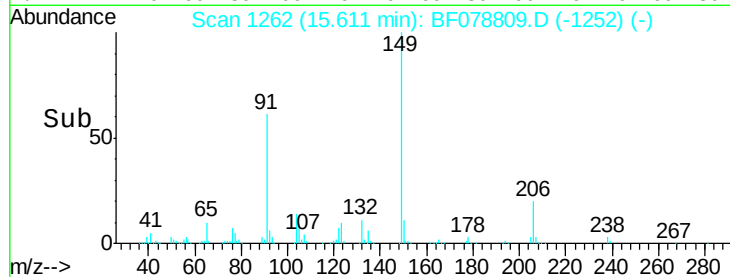
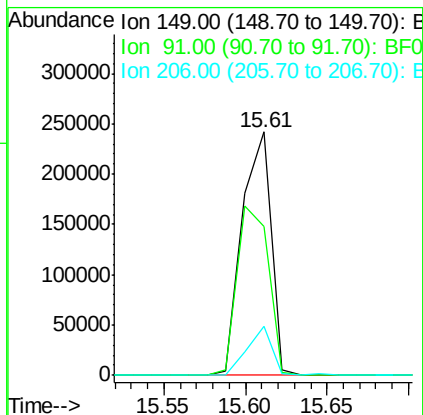
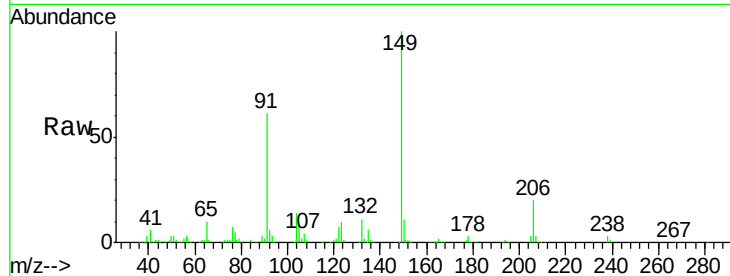




#79
Butylbenzylphthalate
Concen: 44.75 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

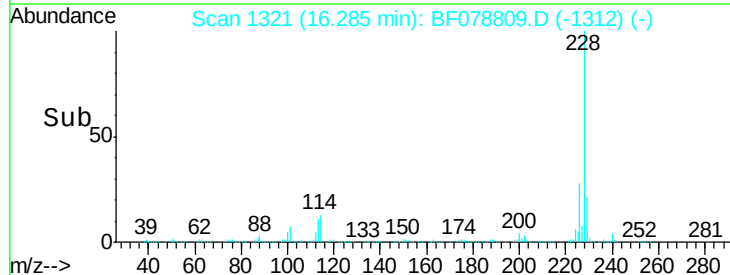
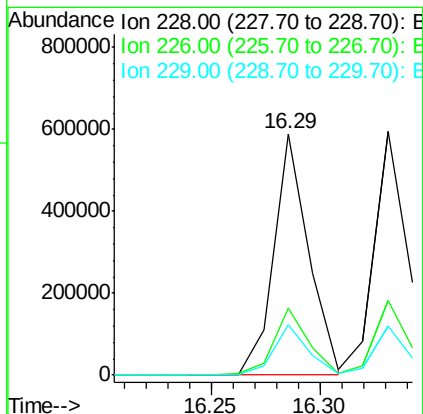
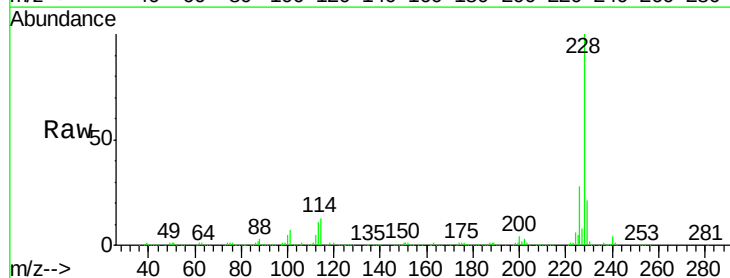
Instrument :
BNA_F
ClientSampleId :
PB83058BSD

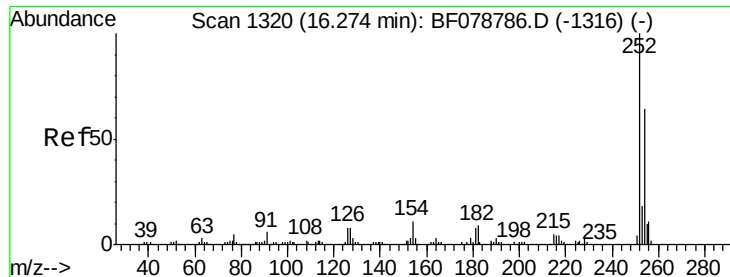
Tgt Ion:149 Resp: 298089
Ion Ratio Lower Upper
149 100
91 61.0 64.6 97.0#
206 20.3 12.2 18.4#



#80
Benzo(a)anthracene
Concen: 41.37 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion:228 Resp: 659902
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.6 15.9 23.9

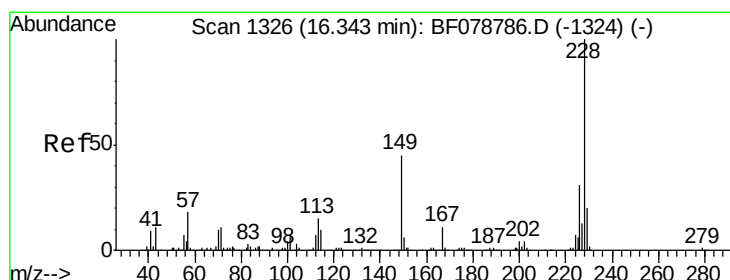
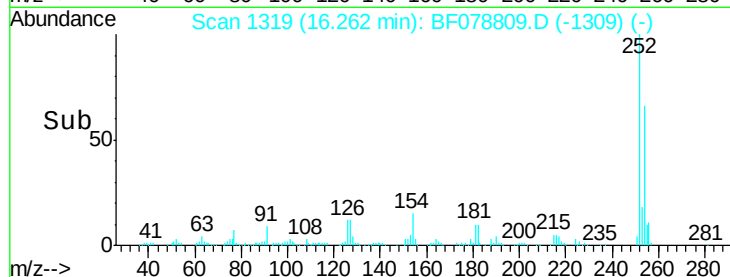
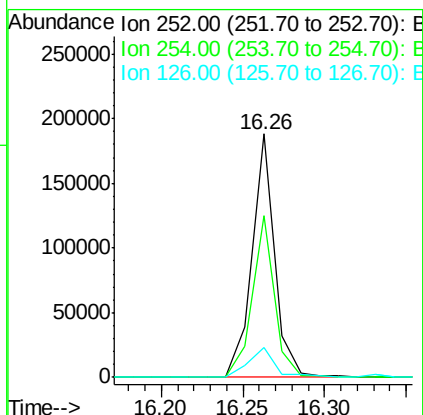
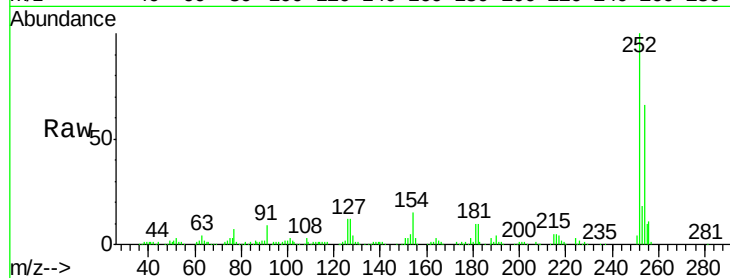




#81
 3,3'-Dichlorobenzidine
 Concen: 33.41 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

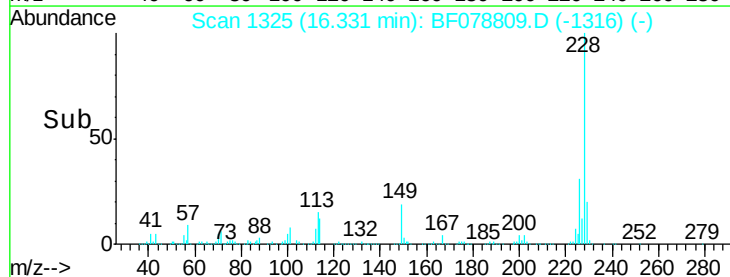
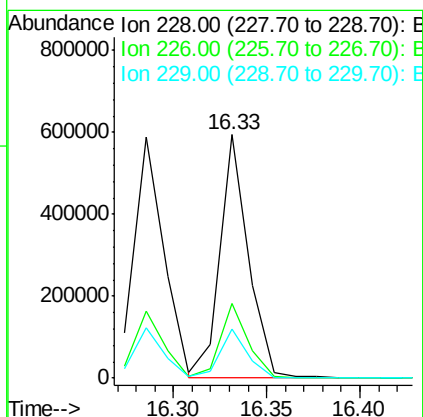
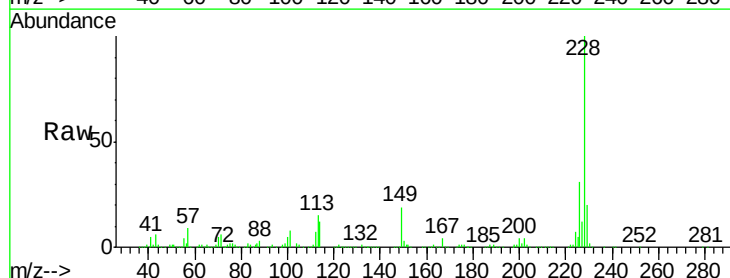
Instrument :
 BNA_F
 ClientSampleId :
 PB83058BSD

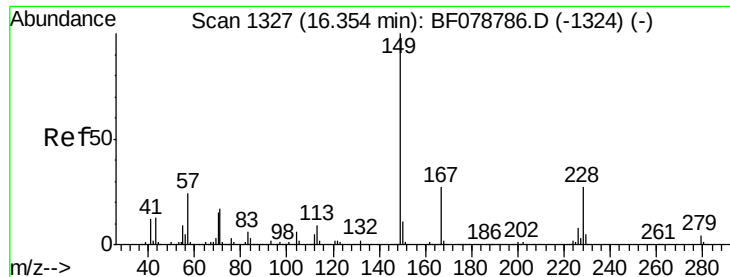
Tgt Ion: 252 Resp: 181386
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.3 76.9
 126 12.1 6.6 10.0#



#82
 Chrysene
 Concen: 40.50 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF078809.D
 Acq: 29 Apr 2015 13:15

Tgt Ion: 228 Resp: 629766
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.3 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.17 ng

RT: 16.34 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

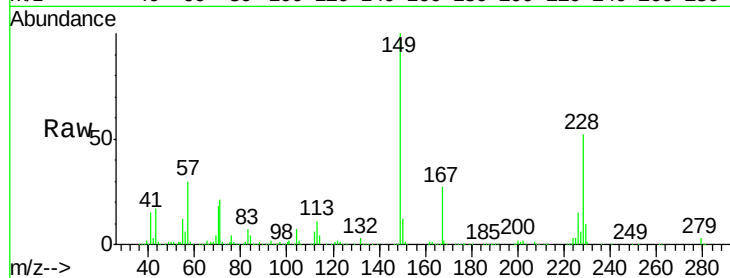
Tgt Ion:149 Resp: 450893

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

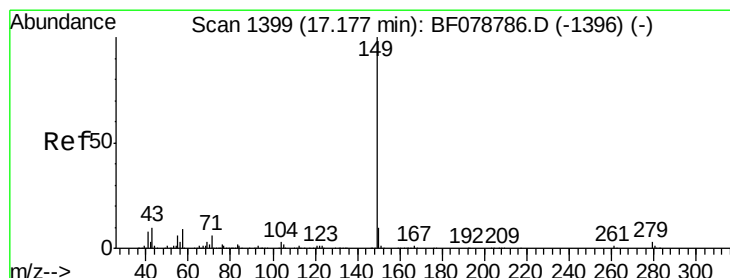
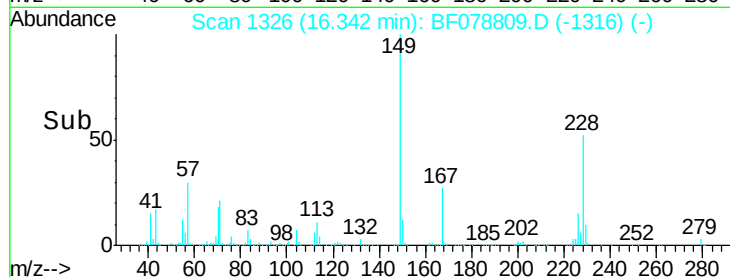
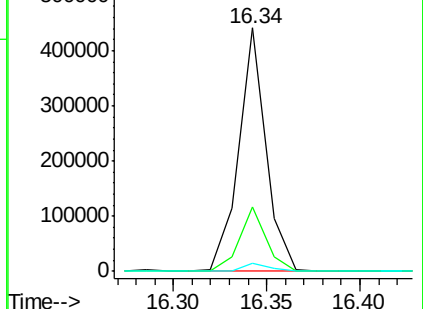
279 3.1 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.21 ng

RT: 17.17 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

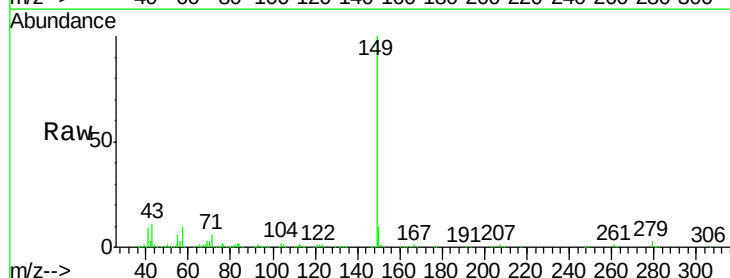
Tgt Ion:149 Resp: 735707

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

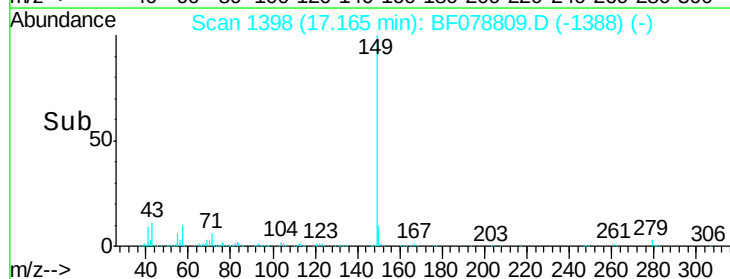
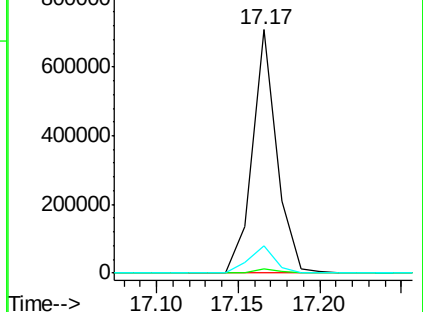
43 11.6 0.0 0.0#

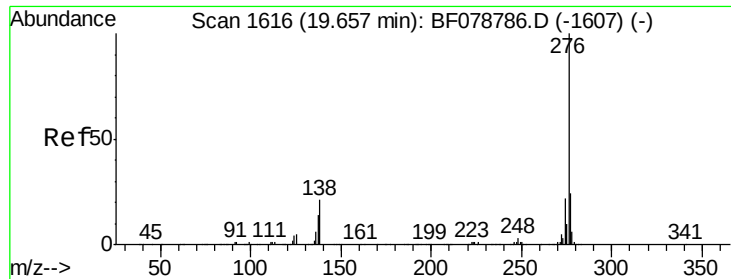


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.93 ng

RT: 19.63 min Scan# 1614

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

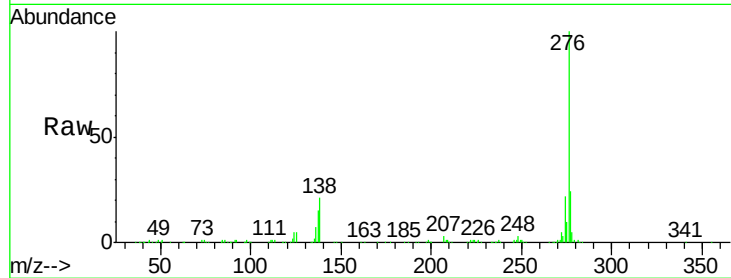
Tgt Ion: 276 Resp: 774969

Ion Ratio Lower Upper

276 100

138 26.8 0.0 0.0#

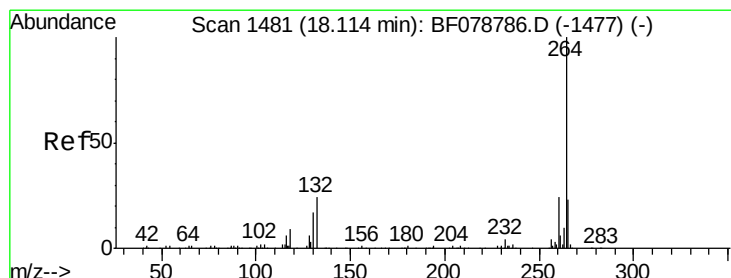
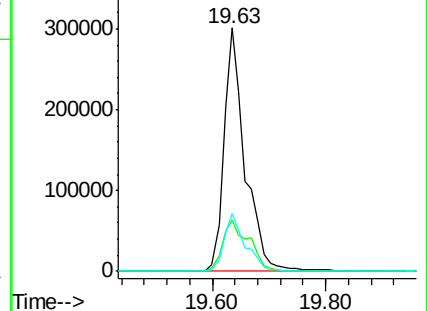
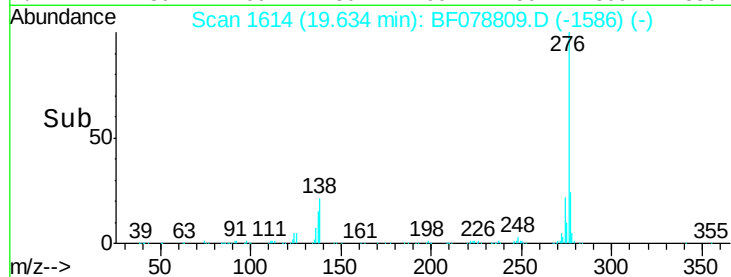
277 24.6 0.0 0.0#



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: 18.10 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

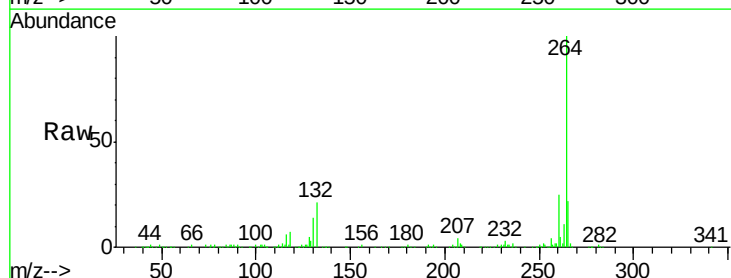
Tgt Ion: 264 Resp: 294395

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

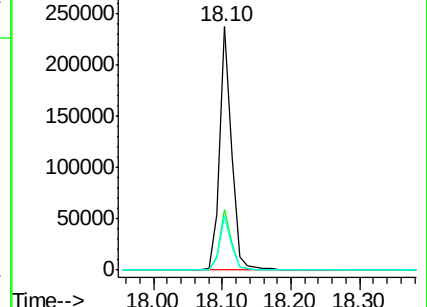
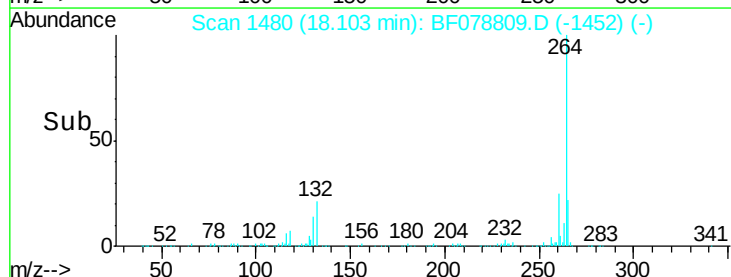
265 22.0 18.3 27.5

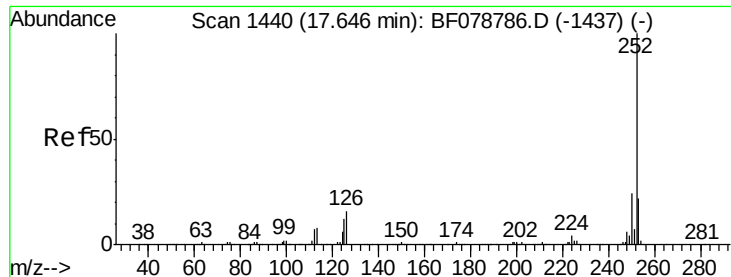


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

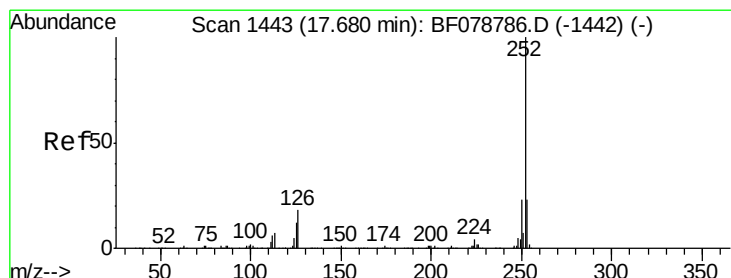
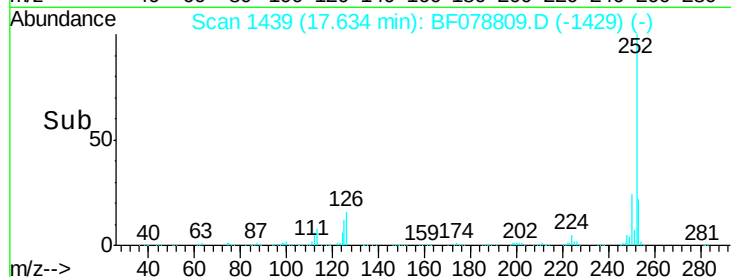
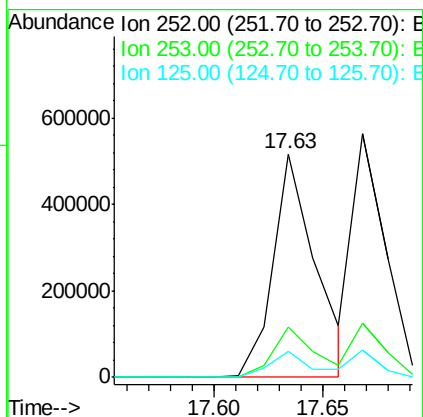
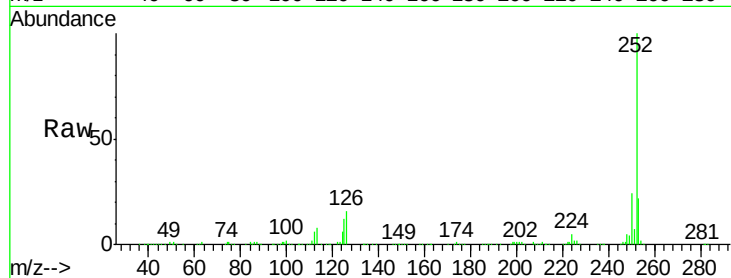




#87
Benzo(b)fluoranthene
Concen: 44.38 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

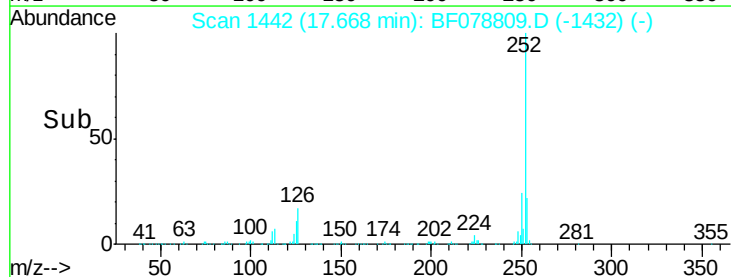
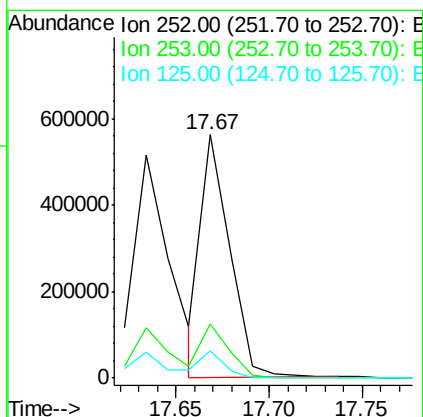
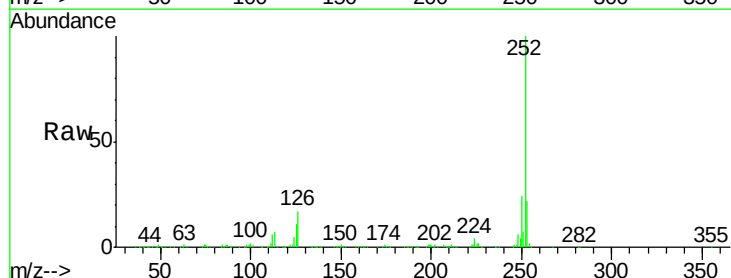
Instrument :
BNA_F
ClientSampleId :
PB83058BSD

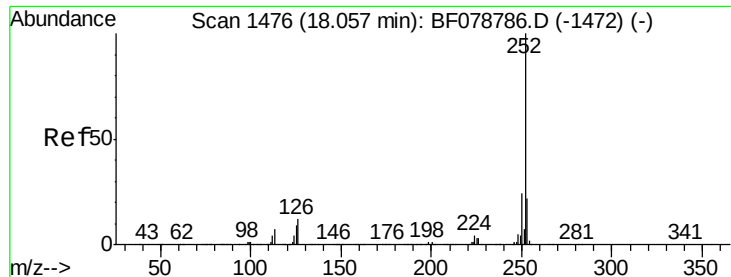
Tgt Ion: 252 Resp: 707188
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.6 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 38.70 ng
RT: 17.67 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF078809.D
Acq: 29 Apr 2015 13:15

Tgt Ion: 252 Resp: 597638
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.4 10.0 15.0





#89

Benzo(a)pyrene

Concen: 44.69 ng

RT: 18.03 min Scan# 1474

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

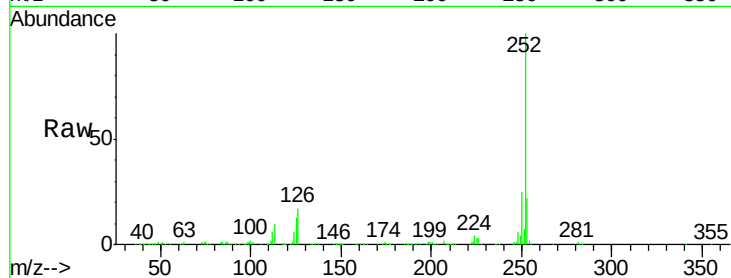
Tgt Ion:252 Resp: 637139

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

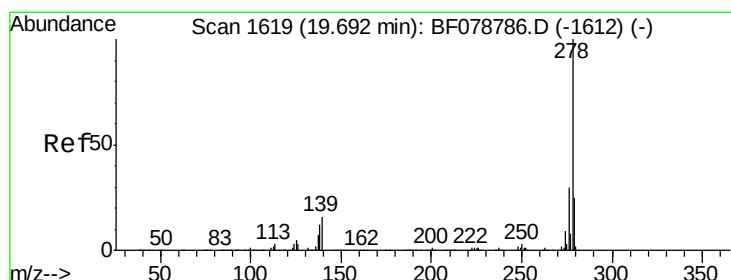
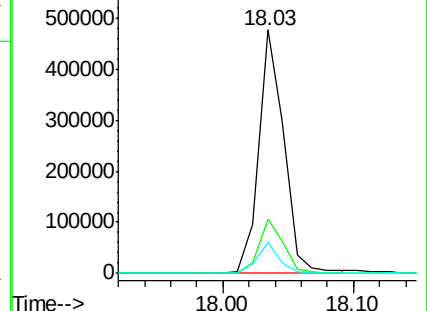
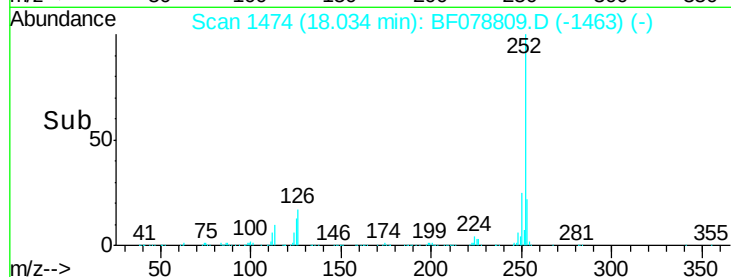
125 12.7 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.60 ng

RT: 19.67 min Scan# 1617

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

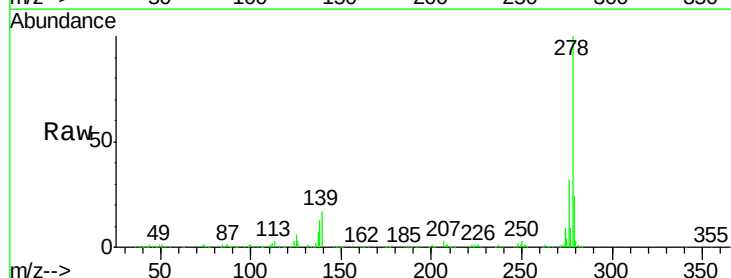
Tgt Ion:278 Resp: 629080

Ion Ratio Lower Upper

278 100

139 16.9 12.8 19.2

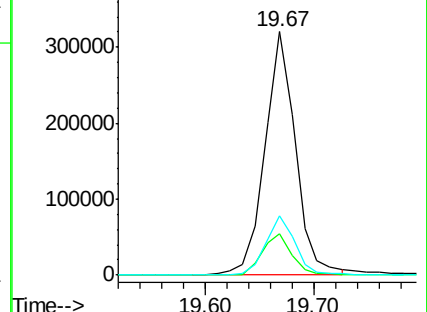
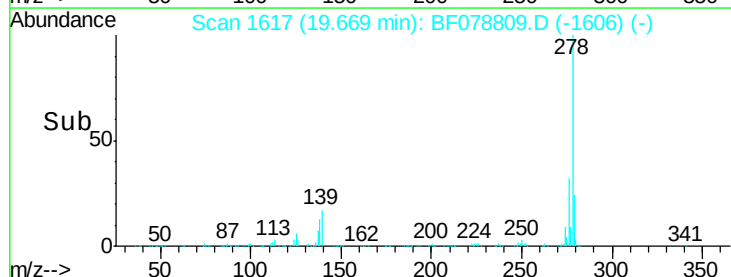
279 24.1 19.6 29.4

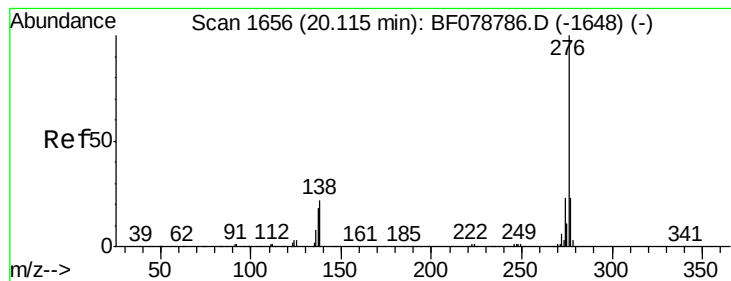


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.15 ng

RT: 20.09 min Scan# 1654

Delta R.T. 0.02 min

Lab File: BF078809.D

Acq: 29 Apr 2015 13:15

Instrument :

BNA_F

ClientSampleId :

PB83058BSD

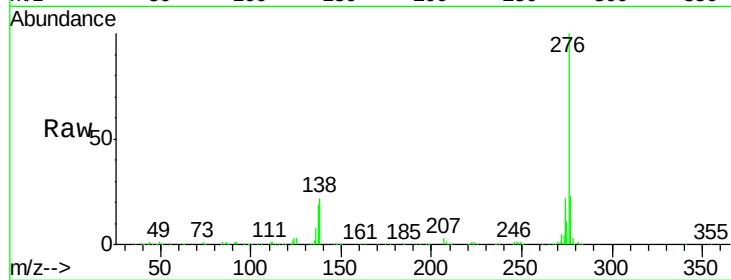
Tgt Ion: 276 Resp: 639497

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 22.4 17.4 26.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

