

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
 Data File : BF078934.D
 Acq On : 5 May 2015 11:05
 Operator : TP/IZ
 Sample : PB83180BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Quant Time: May 06 01:09:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	65125	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	266947	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	130377	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	252743	20.00	ng	0.00
75) Chrysene-d12	16.26	240	272655	20.00	ng	-0.01
86) Perylene-d12	18.07	264	290566	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	508409	134.38	ng	0.01
7) Phenol-d6	6.90	99	643812	128.74	ng	0.00
23) Nitrobenzene-d5	8.04	82	360015	77.51	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	192523	136.50	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	765113	81.76	ng	0.00
78) Terphenyl-d14	14.95	244	923374	81.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	52190	31.73	ng	# 22
3) Pyridine	3.11	79	146281	30.39	ng	96
4) n-Nitrosodimethylamine	3.02	42	64884	31.46	ng	90
6) Aniline	6.95	93	149562	21.19	ng	98
8) 2-Chlorophenol	7.08	128	180159	41.98	ng	99
9) Benzaldehyde	6.81	77	60316	17.90	ng	96
10) Phenol	6.92	94	234151	40.36	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	162117	38.12	ng	99
12) 1,3-Dichlorobenzene	7.28	146	182839	37.91	ng	98
13) 1,4-Dichlorobenzene	7.38	146	187306	37.74	ng	97
14) 1,2-Dichlorobenzene	7.56	146	180441	39.05	ng	98
15) Benzyl Alcohol	7.53	79	146027	39.34	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.71	45	259939	39.95	ng	100
17) 2-Methylphenol	7.67	107	142363	41.23	ng	96
18) Hexachloroethane	7.98	117	62233	36.40	ng	# 79
19) n-Nitroso-di-n-propylamine	7.86	70	128742	38.11	ng	97
20) 3+4-Methylphenols	7.86	107	189396	41.16	ng	92
22) Acetophenone	7.86	105	257911	42.76	ng	98
24) Nitrobenzene	8.07	77	186879	40.59	ng	98
25) Isophorone	8.36	82	334225	38.81	ng	100
26) 2-Nitrophenol	8.47	139	72143	37.86	ng	97
27) 2,4-Dimethylphenol	8.51	122	161093	42.25	ng	98
28) bis(2-Chloroethoxy)methane	8.65	93	213236	40.17	ng	99
29) 2,4-Dichlorophenol	8.75	162	149525	44.10	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	144086	38.68	ng	99
31) Naphthalene	8.96	128	519020	40.80	ng	99
32) Benzoic acid	8.62	122	75158	33.64	ng	94
33) 4-Chloroaniline	9.03	127	122021	22.67	ng	99
34) Hexachlorobutadiene	9.12	225	78614	36.65	ng	98
35) Caprolactam	9.45	113	45504	41.50	ng	93
36) 4-Chloro-3-methylphenol	9.63	107	157140	44.12	ng	# 84
37) 2-Methylnaphthalene	9.82	142	357289	40.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	142222	38.73	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	148032	80.17	ng	98

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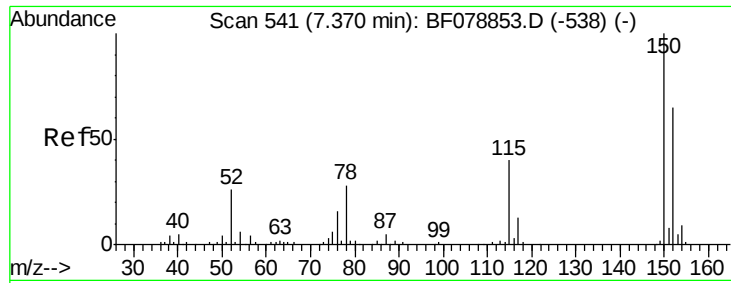
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Quant Time: May 06 01:09:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	10.17	196	99205	39.30	ng	98
43) 2,4,5-Trichlorophenol	10.20	196	103195	40.43	ng	# 91
45) 1,1'-Biphenyl	10.40	154	421031	40.62	ng	99
46) 2-Chloronaphthalene	10.42	162	330971	40.94	ng	98
47) 2-Nitroaniline	10.55	65	96520	41.20	ng	97
48) Acenaphthylene	10.94	152	549960	41.43	ng	100
49) Dimethylphthalate	10.79	163	392531	41.02	ng	100
50) 2,6-Dinitrotoluene	10.86	165	78992	41.83	ng	91
51) Acenaphthene	11.15	154	315117	39.81	ng	99
52) 3-Nitroaniline	11.06	138	73330	31.09	ng	# 91
53) 2,4-Dinitrophenol	11.19	184	41761	61.88	ng	90
54) Dibenzofuran	11.37	168	473859	41.44	ng	95
55) 4-Nitrophenol	11.27	139	153906	82.43	ng	85
56) 2,4-Dinitrotoluene	11.35	165	103529	41.47	ng	95
57) Fluorene	11.79	166	383135	40.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	84520	40.53	ng	# 100
59) Diethylphthalate	11.67	149	389374	41.07	ng	99
60) 4-Chlorophenyl-phenylether	11.79	204	167872	40.32	ng	# 85
61) 4-Nitroaniline	11.82	138	96513	40.90	ng	93
62) Azobenzene	11.99	77	403003	43.14	ng	91
64) 4,6-Dinitro-2-methylphenol	11.85	198	35517	37.16	ng	95
65) n-Nitrosodiphenylamine	11.94	169	322240	38.28	ng	99
66) 4-Bromophenyl-phenylether	12.41	248	106904	40.58	ng	# 89
67) Hexachlorobenzene	12.47	284	120832	40.13	ng	# 84
68) Atrazine	12.62	200	108948	44.51	ng	100
69) Pentachlorophenol	12.71	266	125893	72.19	ng	96
70) Phenanthrene	12.98	178	561532	39.71	ng	100
71) Anthracene	13.05	178	571868	41.23	ng	99
72) Carbazole	13.26	167	566994	42.89	ng	98
73) Di-n-butylphthalate	13.70	149	655882	41.37	ng	# 98
74) Fluoranthene	14.47	202	622090	42.22	ng	93
76) Benzidine	14.64	184	229920	31.29	ng	99
77) Pyrene	14.74	202	634366	40.38	ng	99
79) Butylbenzylphthalate	15.58	149	298056	43.40	ng	# 77
80) Benzo(a)anthracene	16.25	228	612398	41.02	ng	100
81) 3,3'-Dichlorobenzidine	16.23	252	177385	33.35	ng	# 98
82) Chrysene	16.30	228	579175	40.33	ng	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	441264	42.42	ng	98
84) Di-n-octyl phthalate	17.13	149	798935	43.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.58	276	786966	43.01	ng	# 100
87) Benzo(b)fluoranthene	17.60	252	666131	41.88	ng	99
88) Benzo(k)fluoranthene	17.63	252	586139	38.07	ng	99
89) Benzo(a)pyrene	18.01	252	625950	42.74	ng	99
90) Dibenzo(a,h)anthracene	19.61	278	625898	40.22	ng	99
91) Benzo(g,h,i)perylene	20.03	276	638530	40.93	ng	99

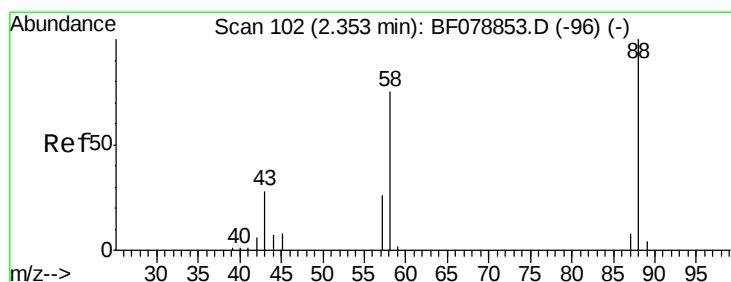
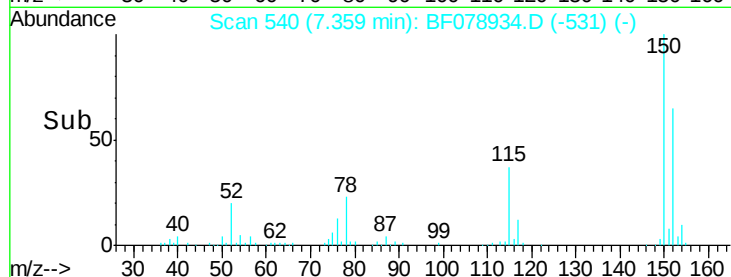
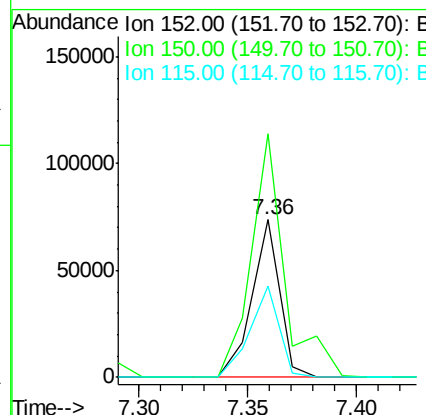
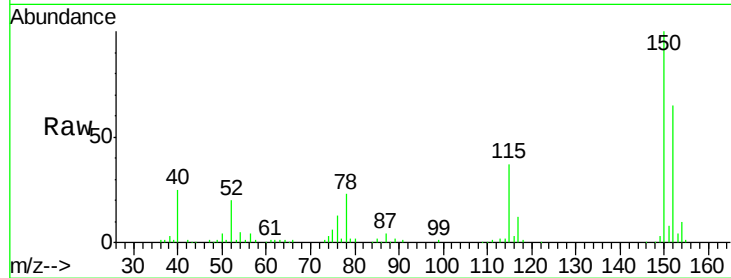
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

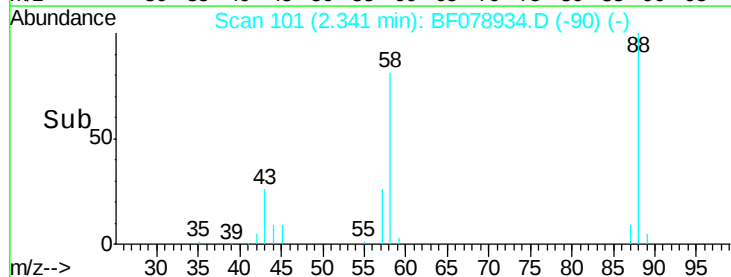
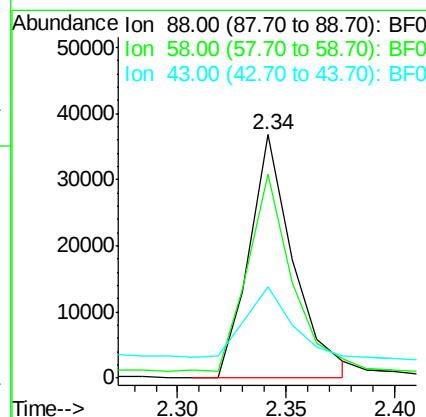
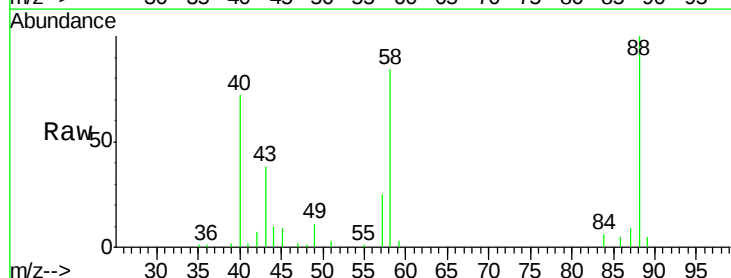
Instrument :
 BNA_F
 ClientSampled :
 PB83180BS

Tgt Ion:152 Resp: 65125
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.0 183.0
 115 57.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 31.73 ng
 RT: 2.34 min Scan# 101
 Delta R.T. 0.02 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion: 88 Resp: 52190
 Ion Ratio Lower Upper
 88 100
 58 81.2 0.0 0.0#
 43 29.7 3.3 4.9#





#3

Pyridine

Concen: 30.39 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

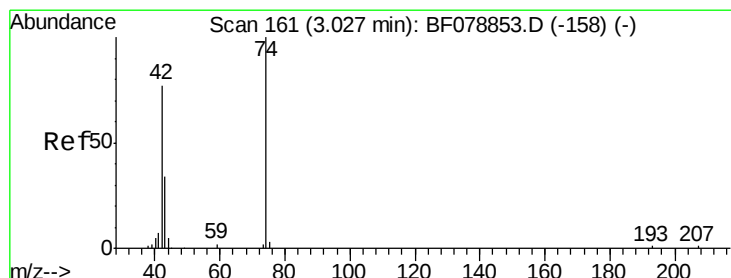
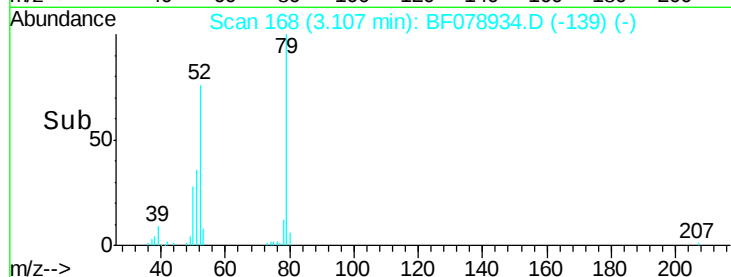
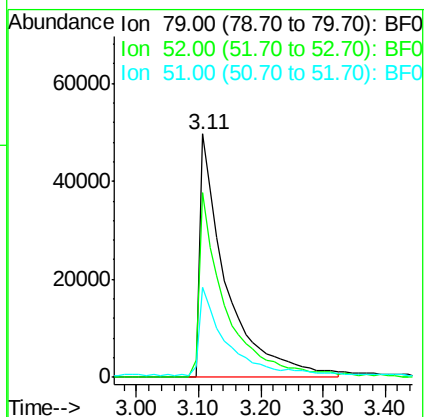
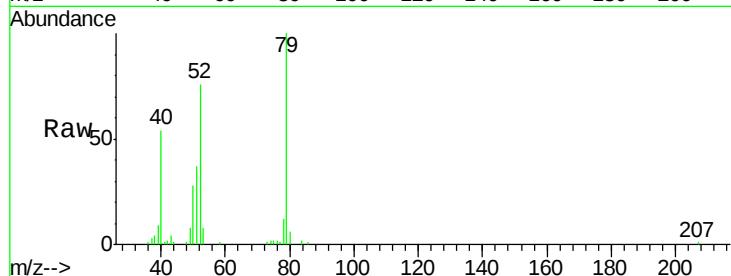
Tgt Ion: 79 Resp: 146281

Ion Ratio Lower Upper

79 100

52 75.9 57.2 85.8

51 37.1 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 31.46 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

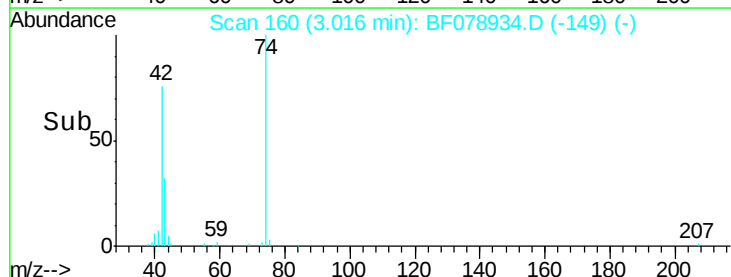
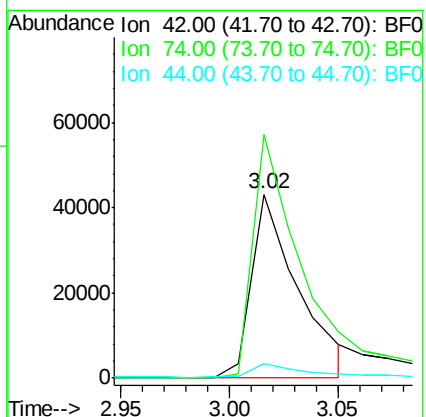
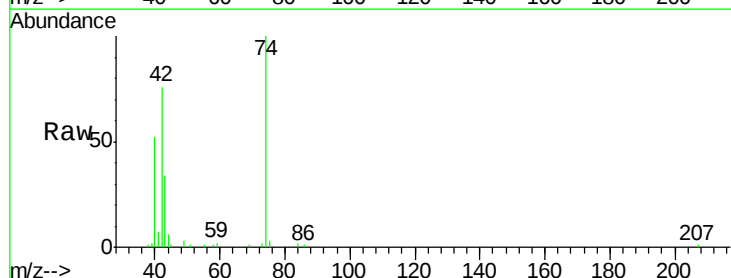
Tgt Ion: 42 Resp: 64884

Ion Ratio Lower Upper

42 100

74 132.3 96.5 144.7

44 7.8 6.1 9.1





#5

2-Fluorophenol

Concen: 134.38 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

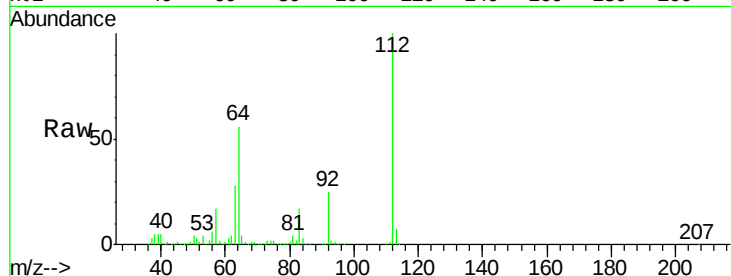
Tgt Ion: 112 Resp: 508409

Ion Ratio Lower Upper

112 100

64 55.8 53.5 80.3

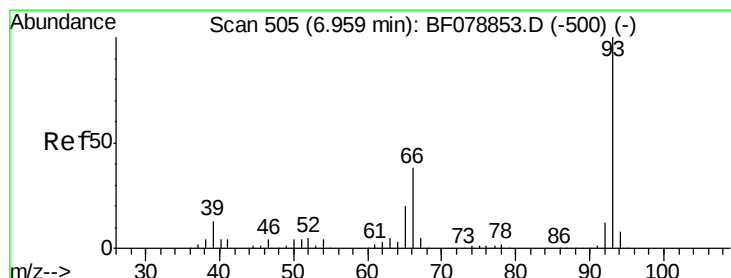
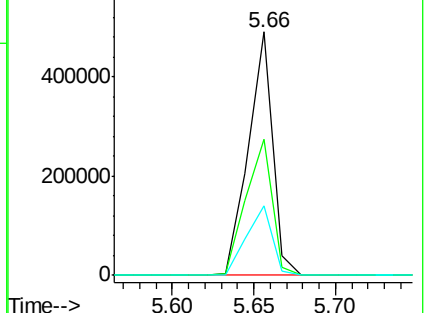
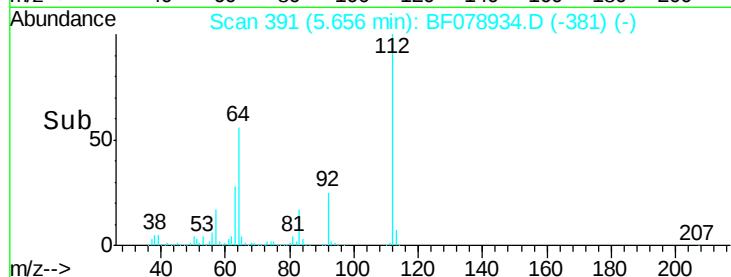
63 28.4 27.5 41.3



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: 21.19 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

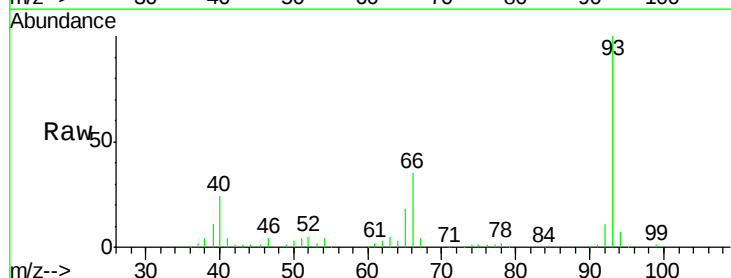
Tgt Ion: 93 Resp: 149562

Ion Ratio Lower Upper

93 100

66 35.4 29.7 44.5

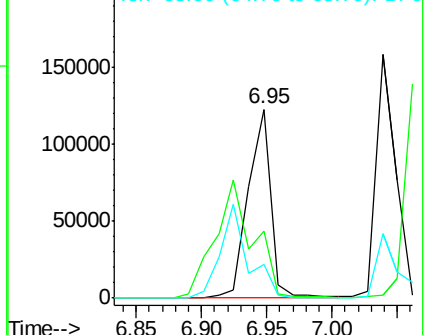
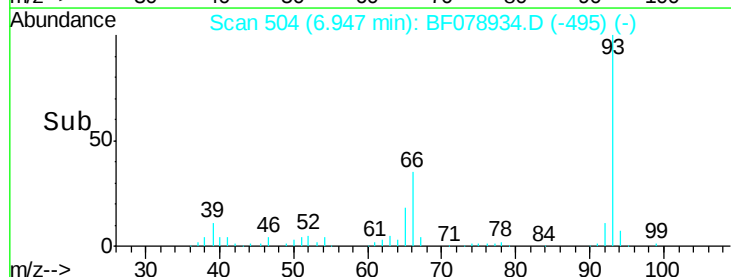
65 17.9 14.6 22.0



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: 128.74 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

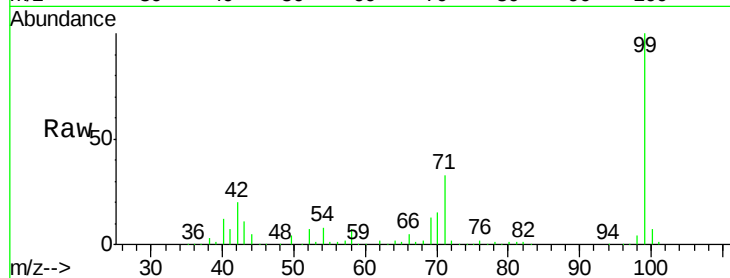
Tgt Ion: 99 Resp: 643812

Ion Ratio Lower Upper

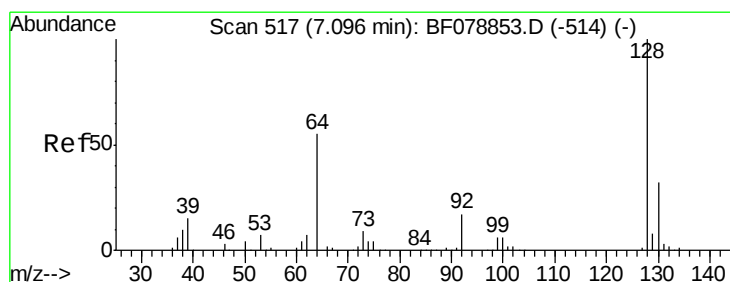
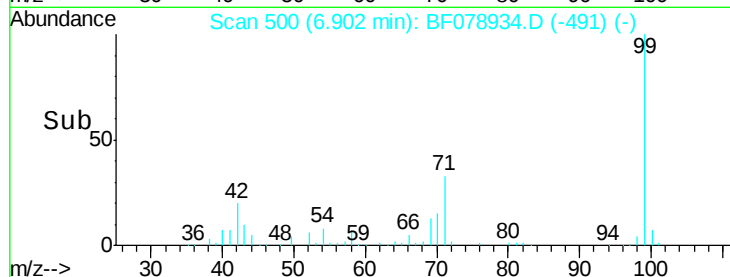
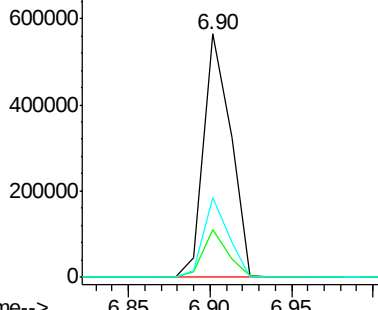
99 100

42 19.8 12.8 19.2#

71 32.6 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: 41.98 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

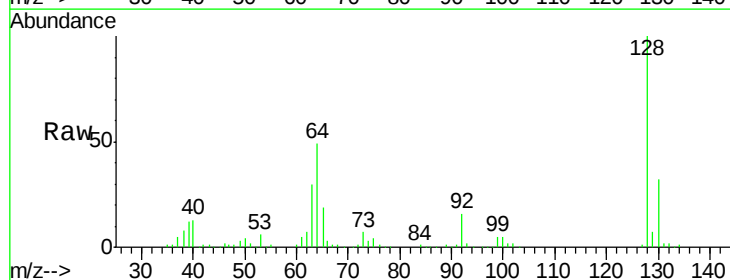
Tgt Ion: 128 Resp: 180159

Ion Ratio Lower Upper

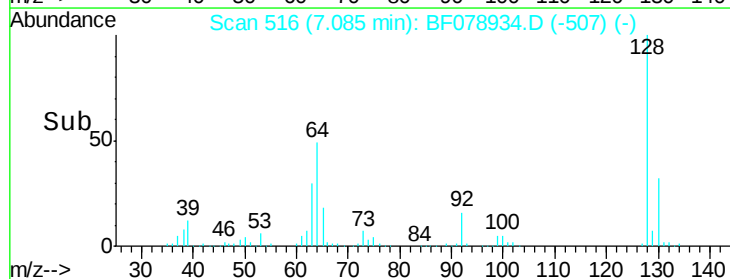
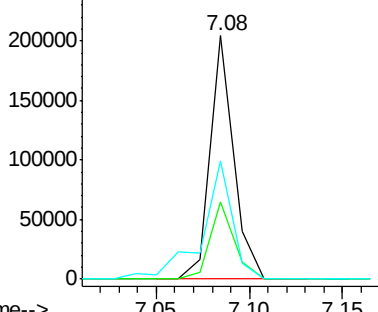
128 100

130 32.0 12.1 52.1

64 48.5 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: 17.90 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

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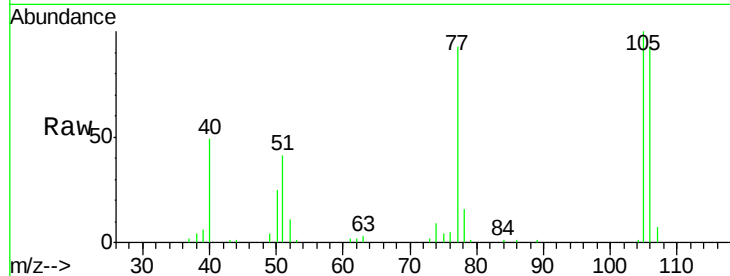
Tgt Ion: 77 Resp: 60316

Ion Ratio Lower Upper

77 100

105 107.9 81.7 121.7

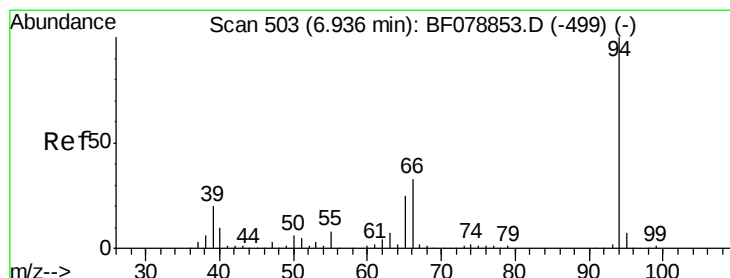
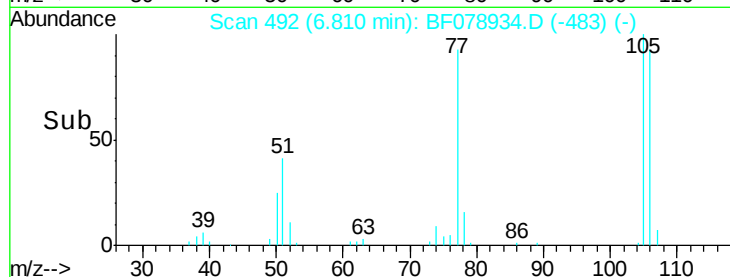
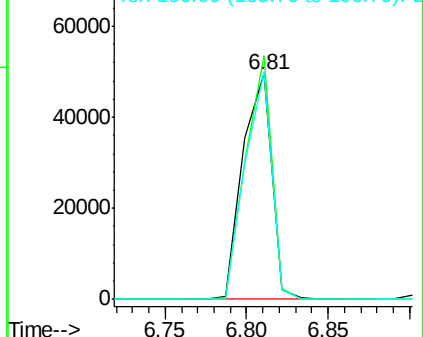
106 100.5 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.36 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

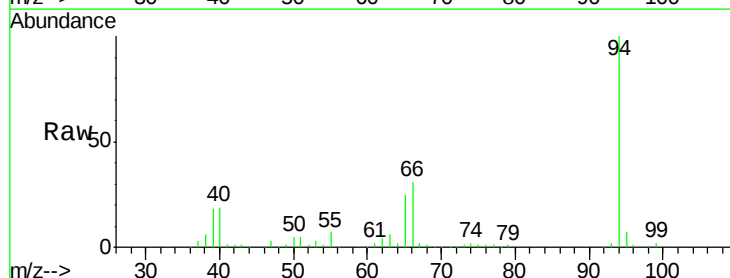
Tgt Ion: 94 Resp: 234151

Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

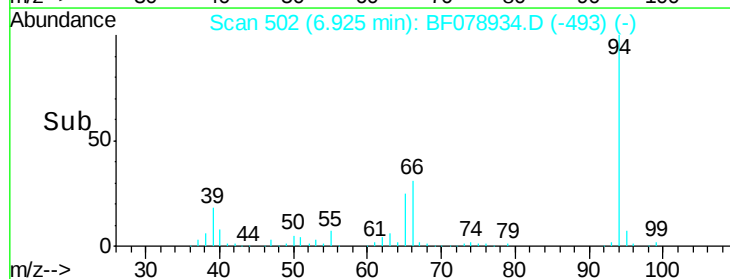
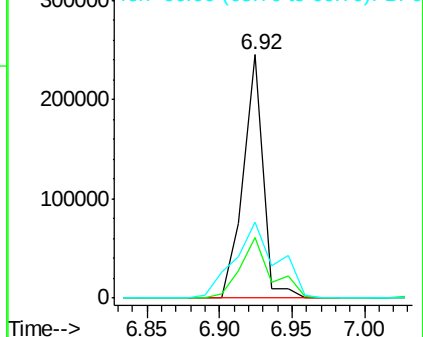
66 31.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

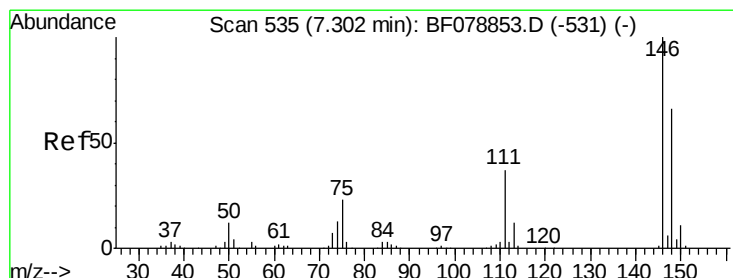
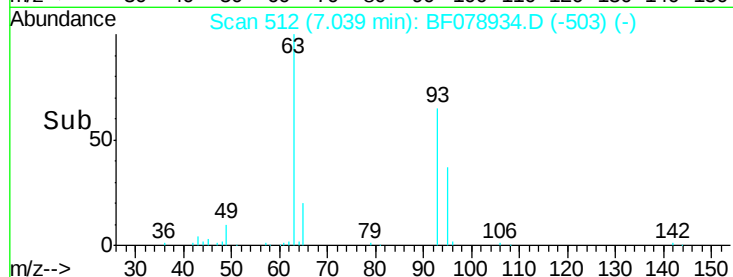
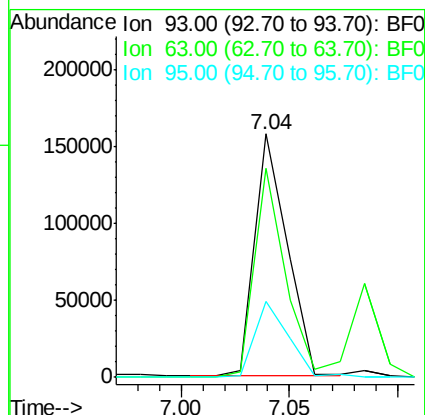
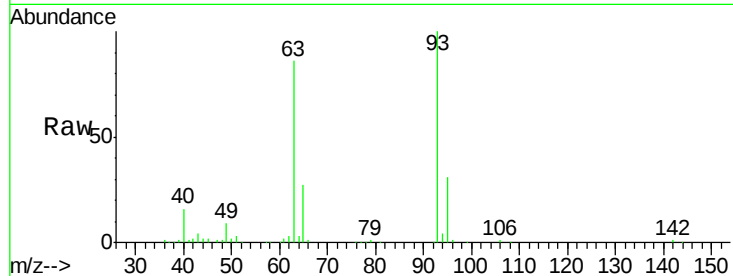




#11
bis(2-Chloroethyl)ether
Concen: 38.12 ng
RT: 7.04 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

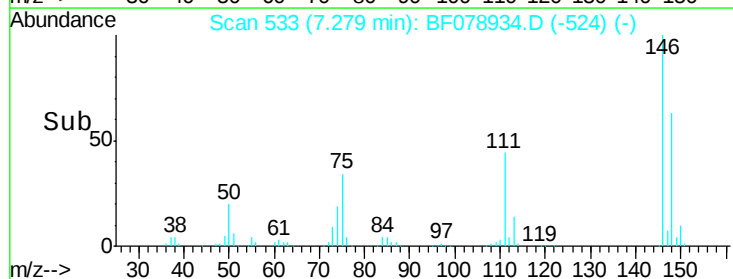
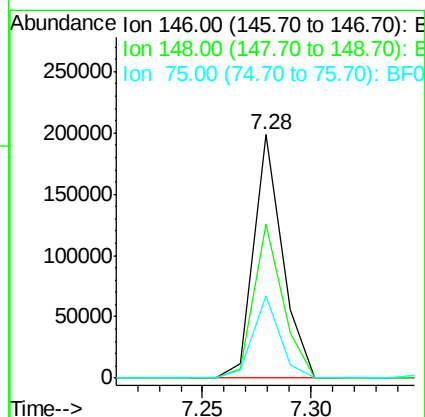
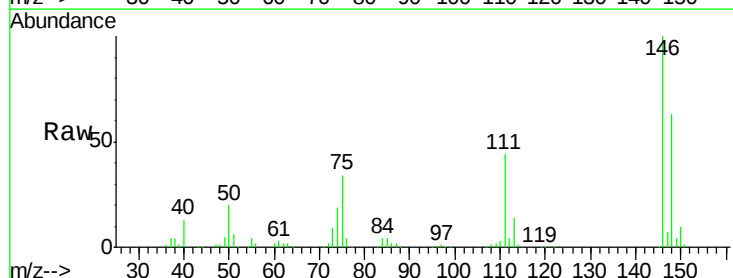
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion: 93 Resp: 162117
Ion Ratio Lower Upper
93 100
63 85.9 64.8 104.8
95 31.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.91 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion: 146 Resp: 182839
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
75 33.6 29.2 43.8

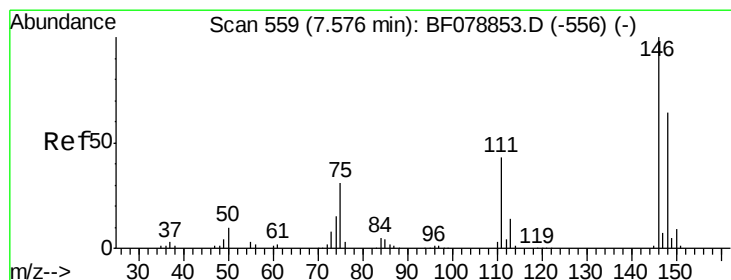
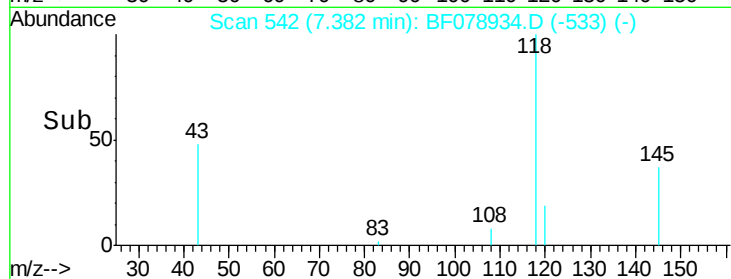
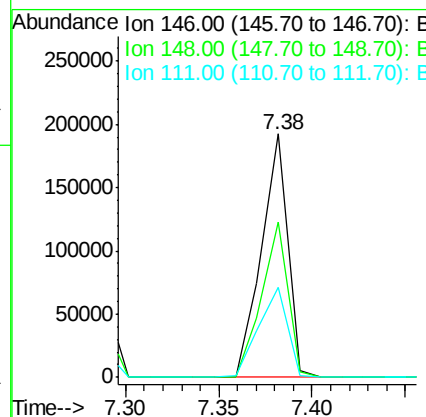
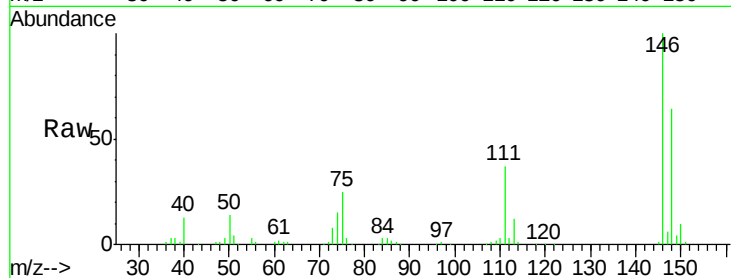




#13
 1,4-Dichlorobenzene
 Concen: 37.74 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

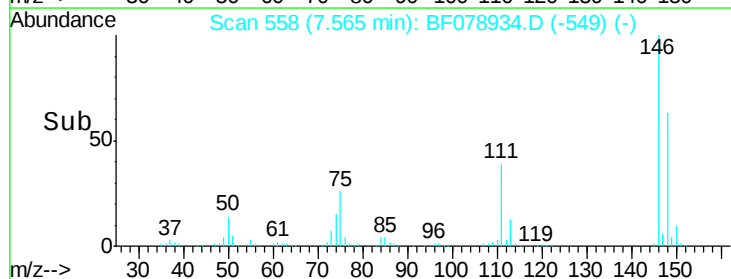
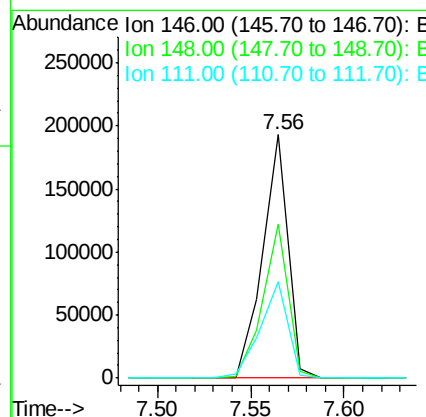
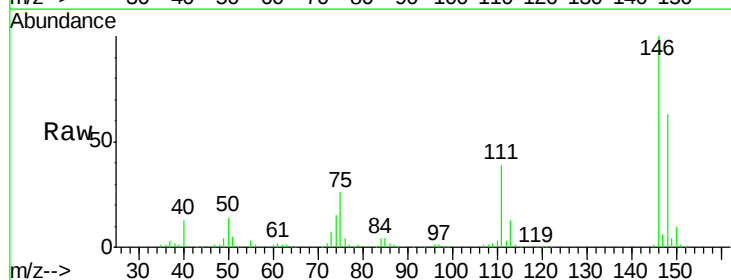
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

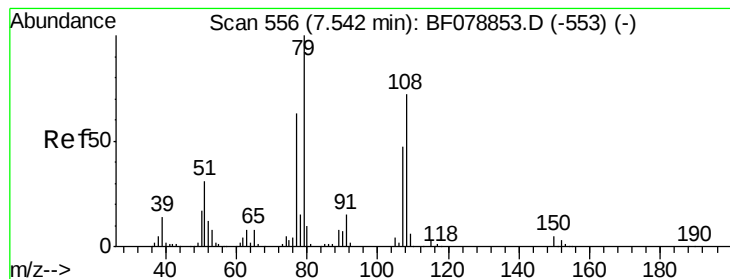
Tgt Ion:146 Resp: 187306
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.8 79.2
 111 37.1 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 39.05 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:146 Resp: 180441
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.2 76.8
 111 39.4 33.3 49.9





#15

Benzyl Alcohol

Concen: 39.34 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

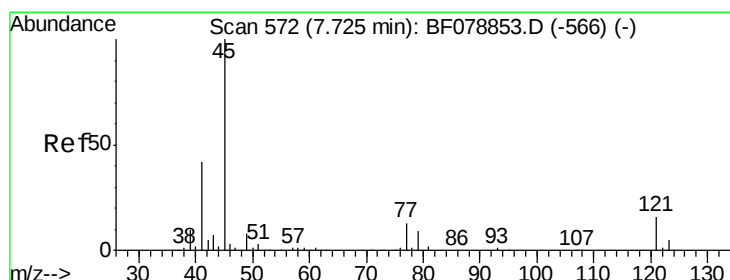
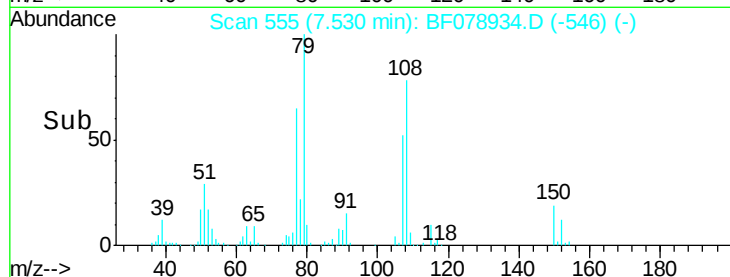
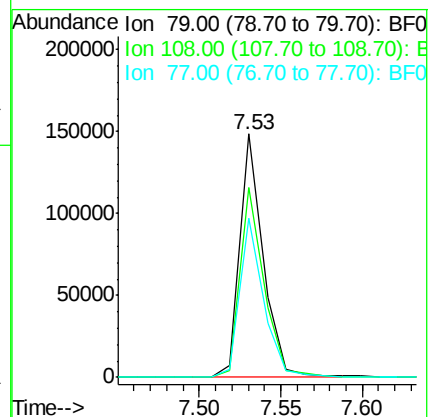
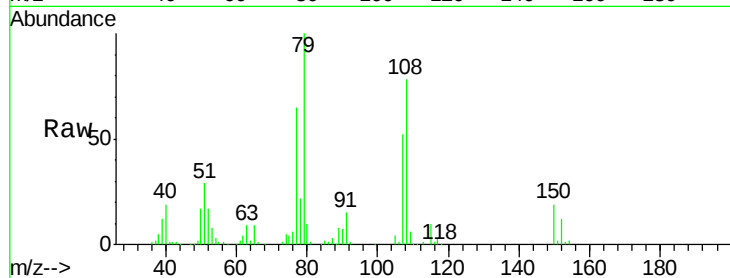
Tgt Ion: 79 Resp: 146027

Ion Ratio Lower Upper

79 100

108 78.0 62.5 93.7

77 65.4 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.95 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

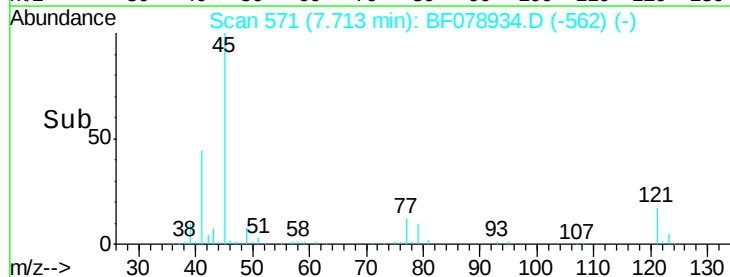
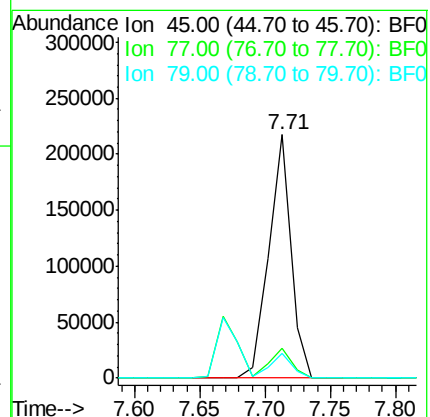
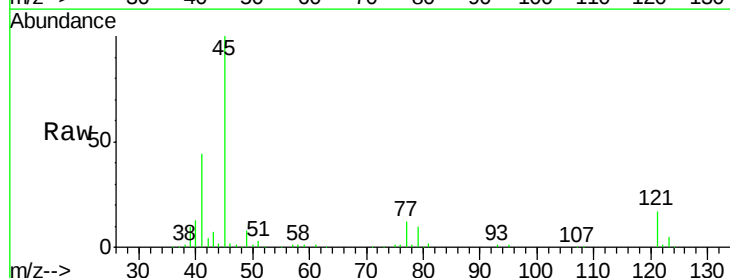
Tgt Ion: 45 Resp: 259939

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.3

79 10.1 0.0 30.1

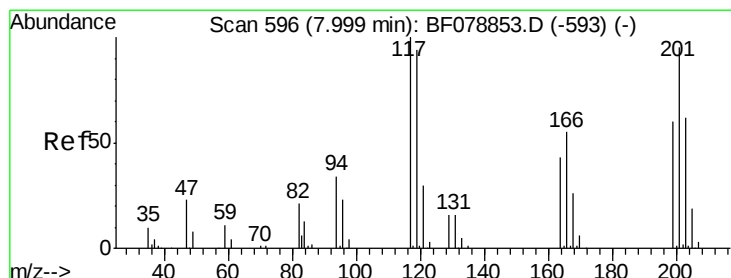
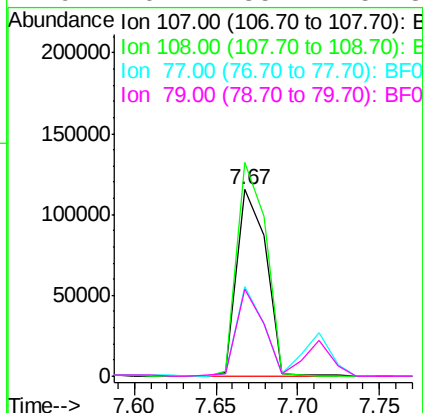
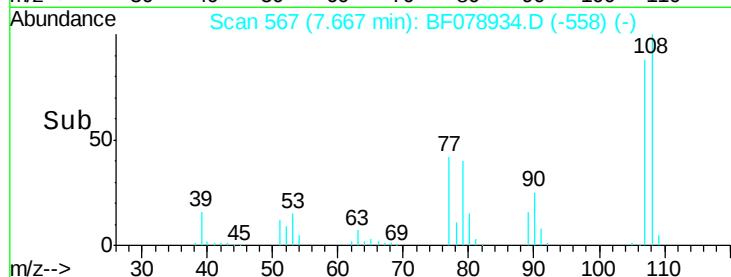
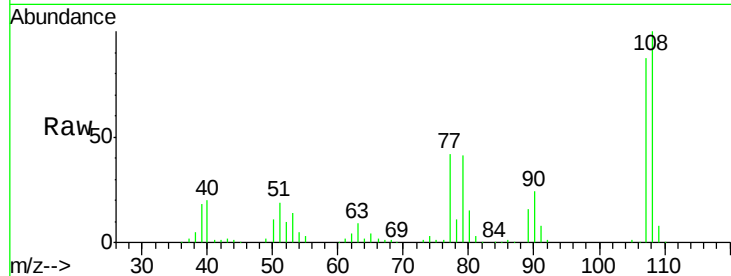




#17
2-Methylphenol
Concen: 41.23 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

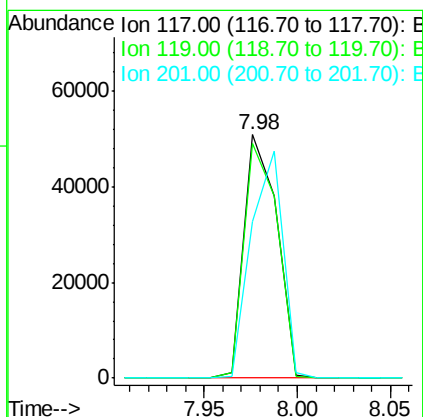
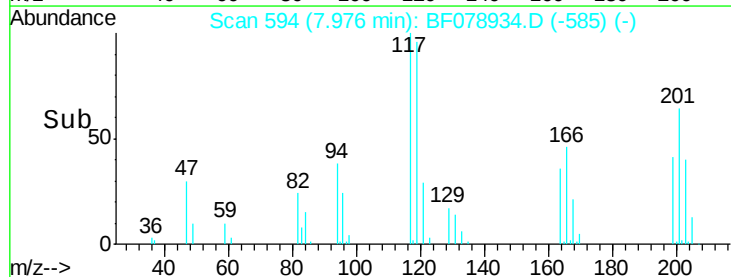
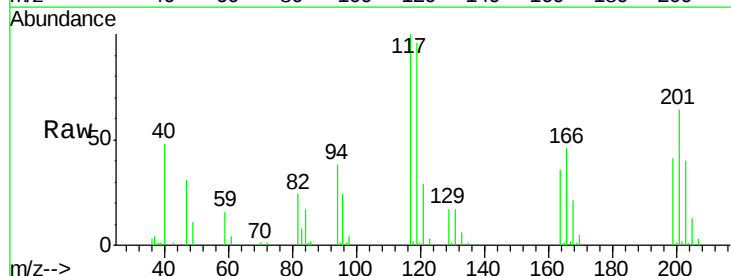
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:	107	Resp:	142363
Ion	Ratio	Lower	Upper
107	100		
108	114.4	94.9	142.3
77	48.3	36.2	54.4
79	46.4	35.2	52.8



#18
Hexachloroethane
Concen: 36.40 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:	117	Resp:	62233
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	64.4	83.2	124.8#

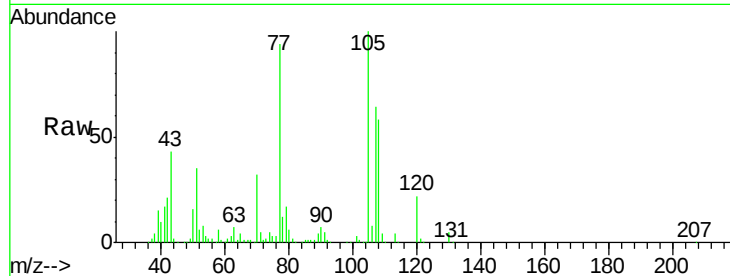




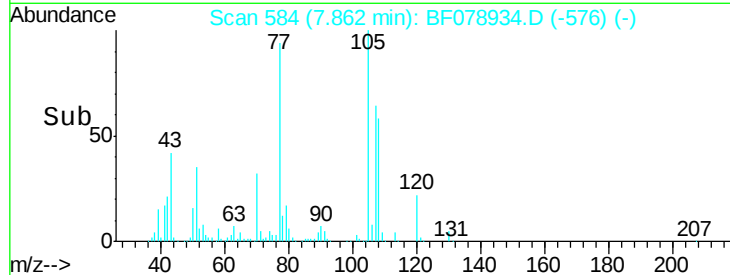
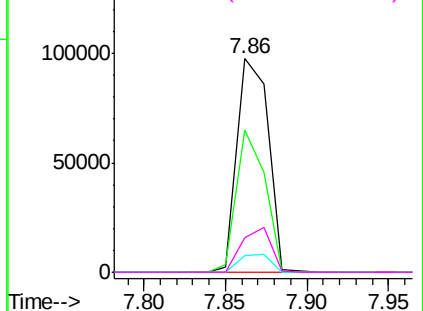
#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion: 70 Resp: 128742
Ion Ratio Lower Upper
70 100
42 66.4 55.4 83.0
101 8.1 6.6 10.0
130 15.9 11.9 17.9



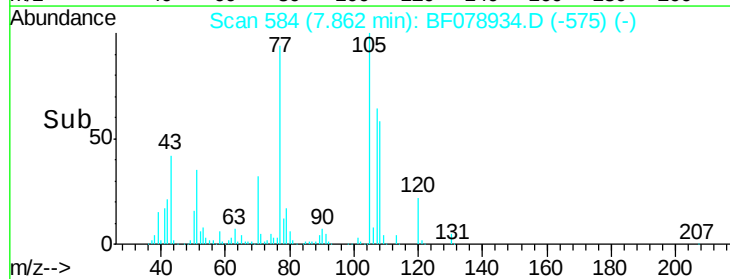
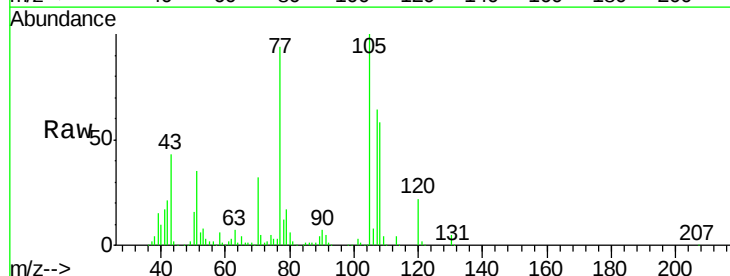
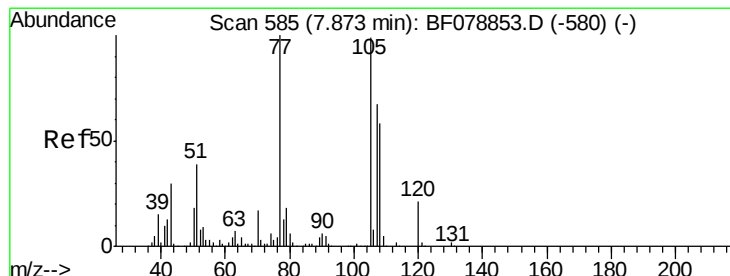
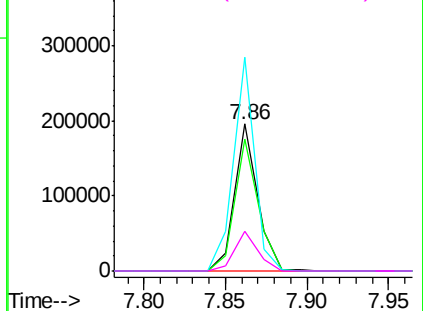
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.16 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:107 Resp: 189396
Ion Ratio Lower Upper
107 100
108 89.9 76.9 116.9
77 145.5 136.8 176.8
79 26.7 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

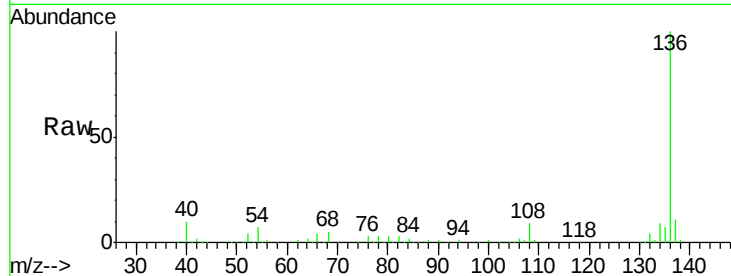




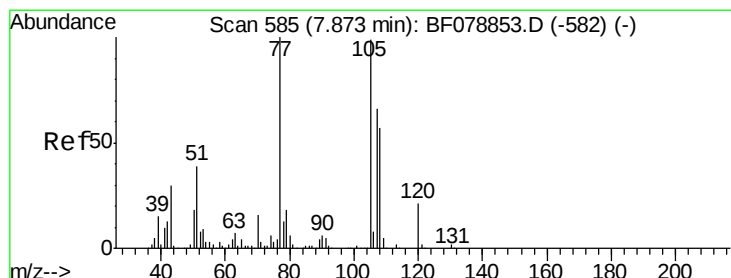
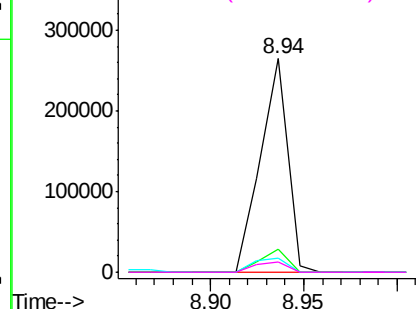
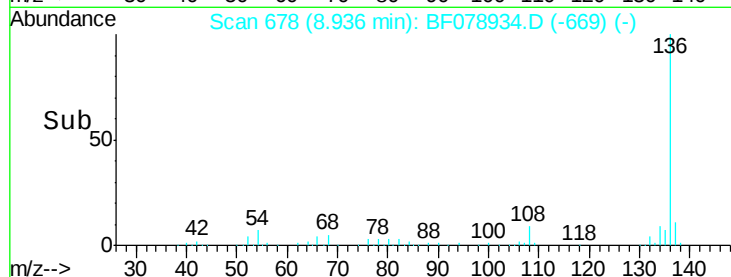
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:	136	Resp:	266947
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	4.8	4.2	6.4

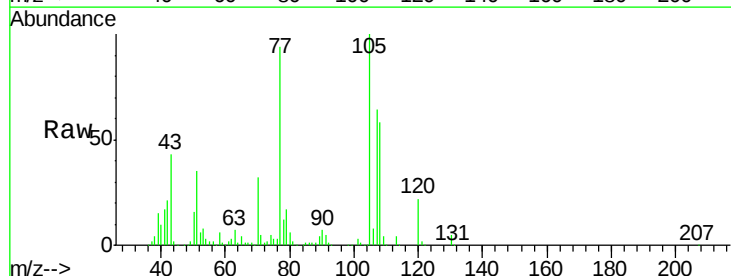


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

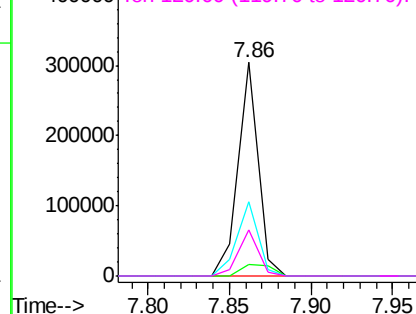
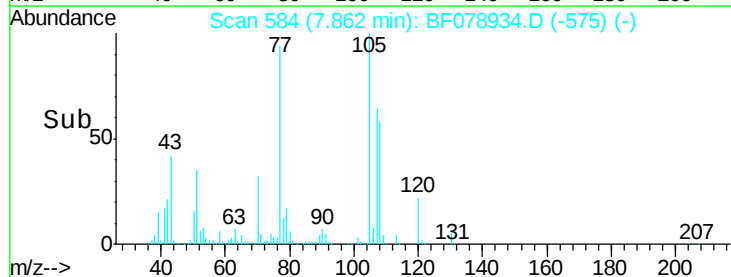


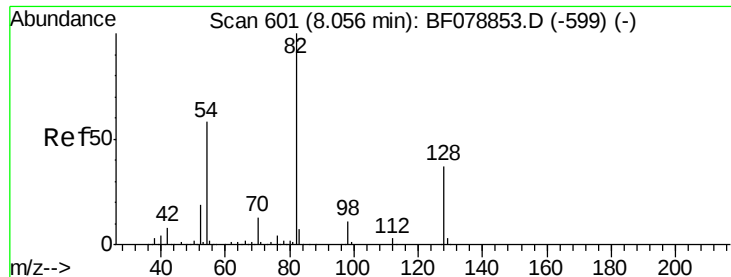
#22
Acetophenone
Concen: 42.76 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:	105	Resp:	257911
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.6	6.8
51	35.0	26.7	40.1
120	21.5	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

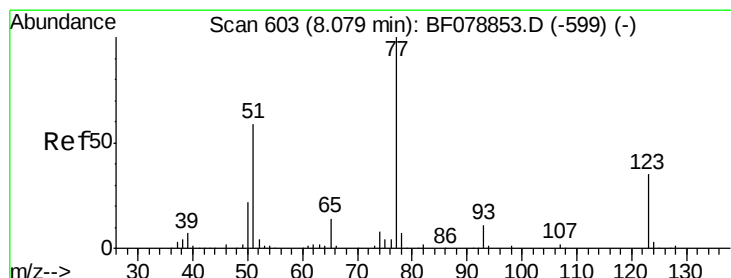
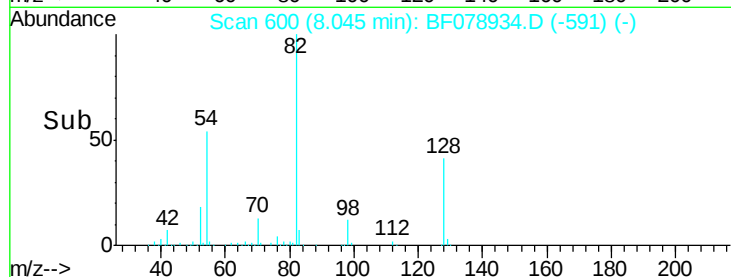
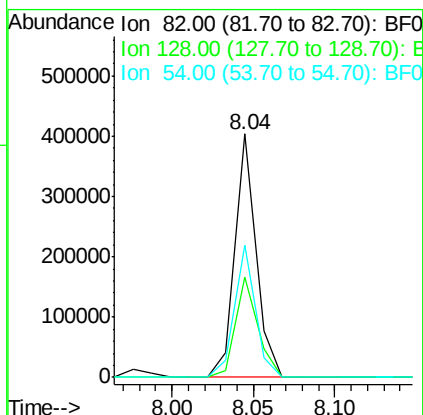
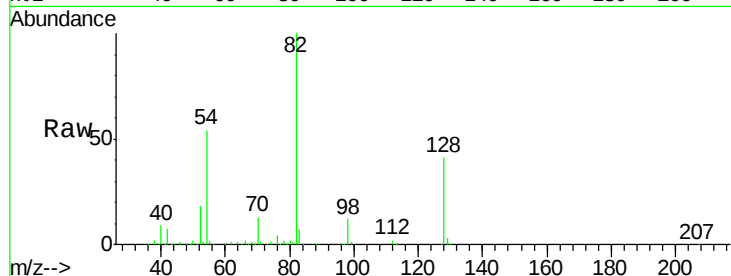




#23
 Nitrobenzene-d5
 Concen: 77.51 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

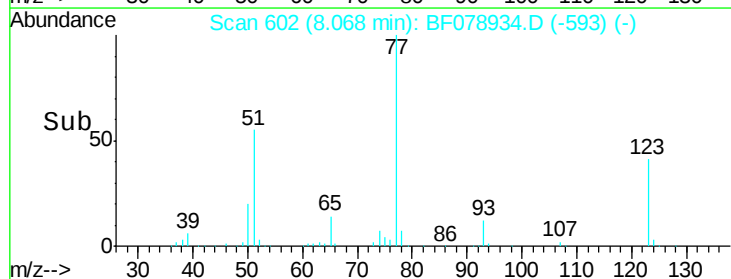
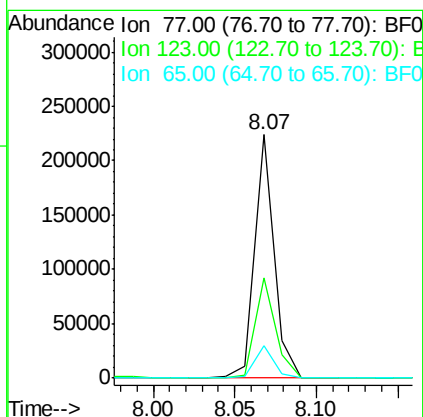
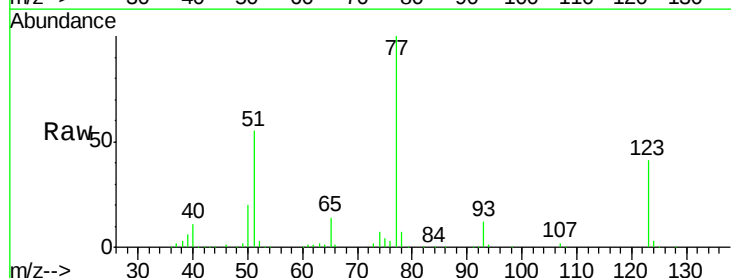
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

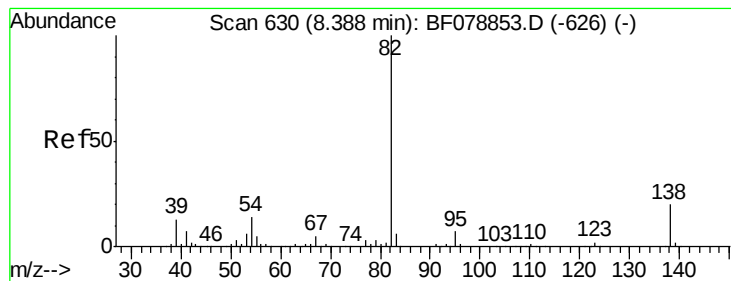
Tgt Ion: 82 Resp: 360015
 Ion Ratio Lower Upper
 82 100
 128 41.3 30.0 45.0
 54 54.4 46.4 69.6



#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion: 77 Resp: 186879
 Ion Ratio Lower Upper
 77 100
 123 41.4 31.8 47.8
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 38.81 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

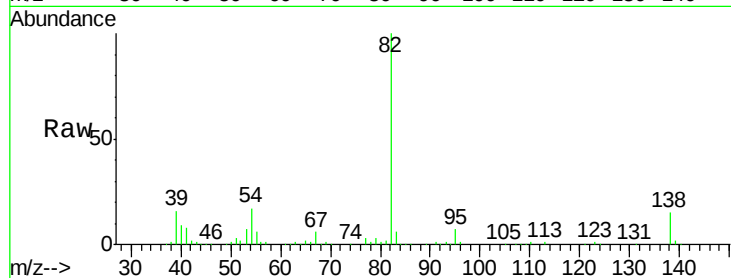
Tgt Ion: 82 Resp: 334225

Ion Ratio Lower Upper

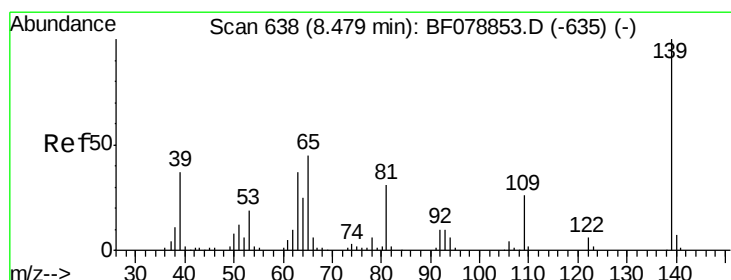
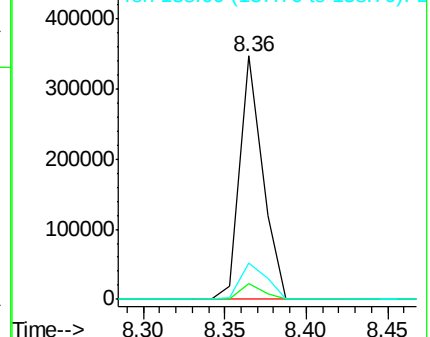
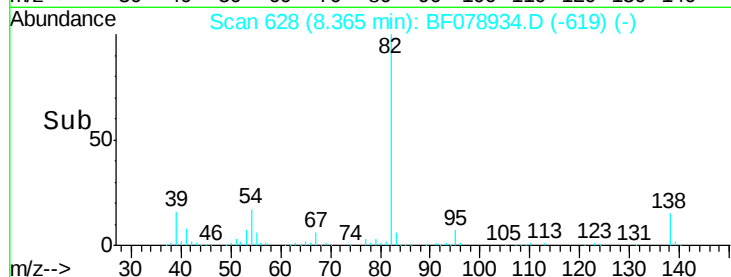
82 100

95 6.5 5.3 7.9

138 15.0 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): BF0



#26

2-Nitrophenol

Concen: 37.86 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

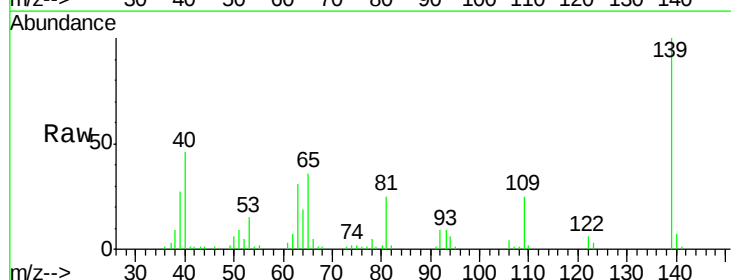
Tgt Ion: 139 Resp: 72143

Ion Ratio Lower Upper

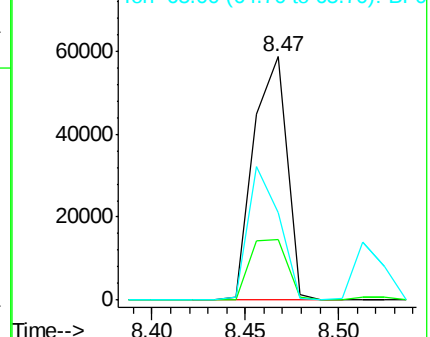
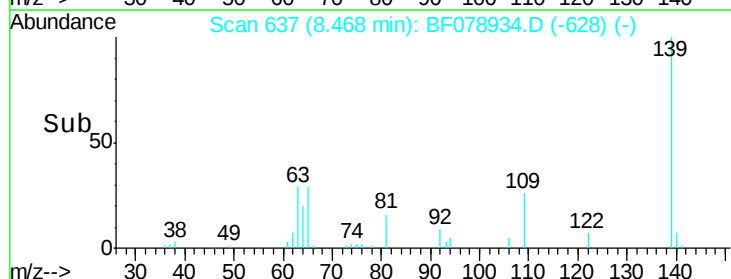
139 100

109 25.0 21.0 31.4

65 35.8 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

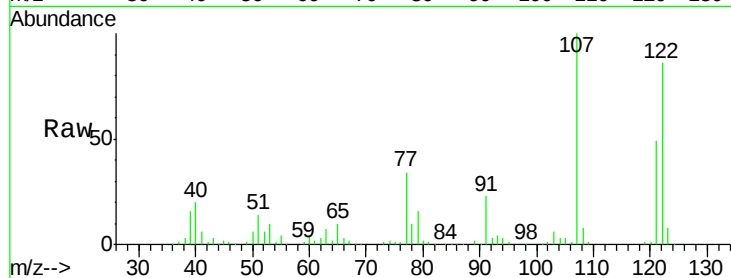




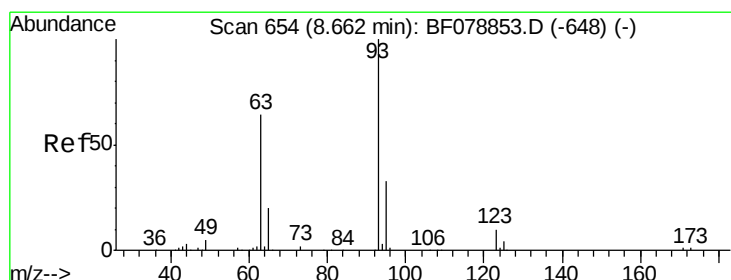
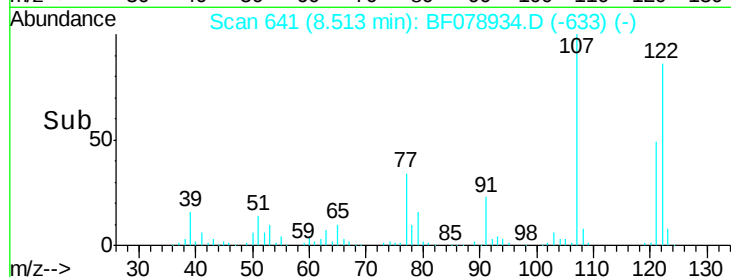
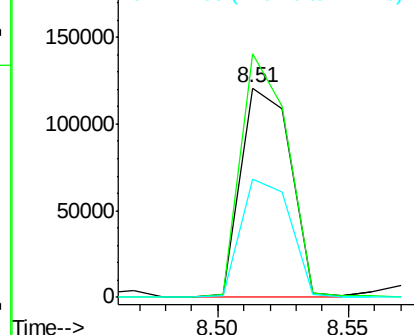
#27
 2,4-Dimethylphenol
 Concen: 42.25 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:122 Resp: 161093
 Ion Ratio Lower Upper
 122 100
 107 116.3 90.6 135.8
 121 56.6 45.4 68.2

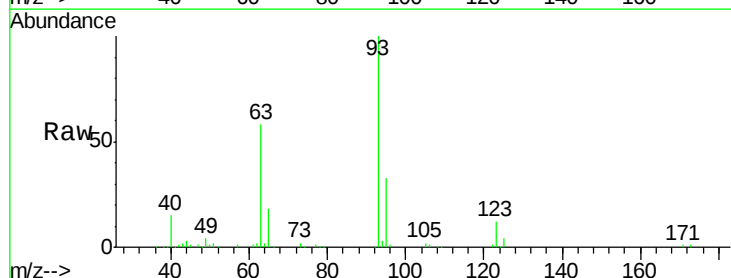


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

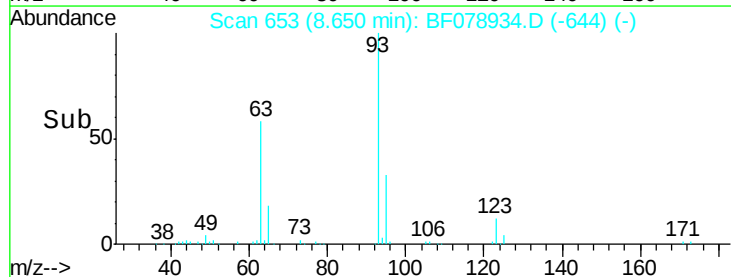
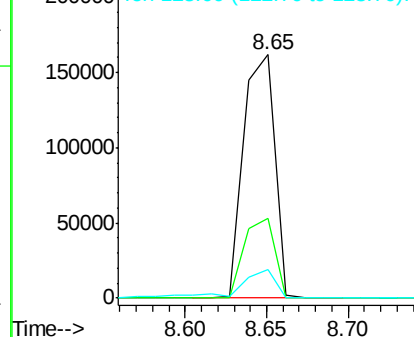


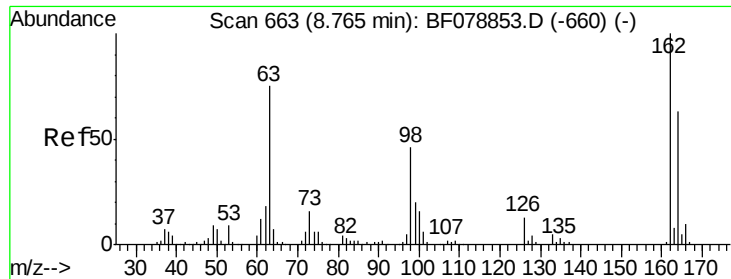
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.17 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion: 93 Resp: 213236
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.7 40.1
 123 11.8 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

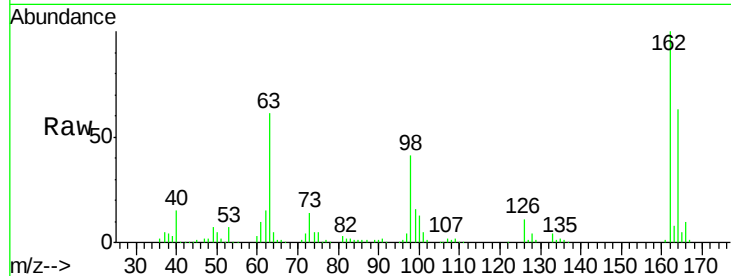




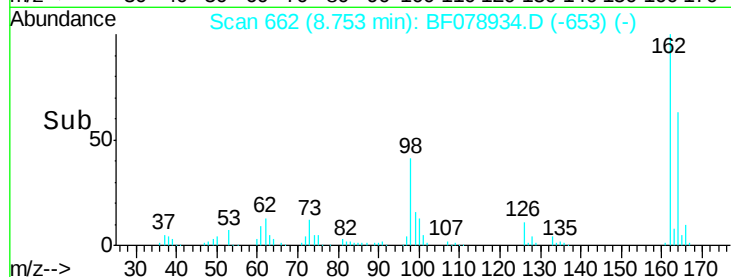
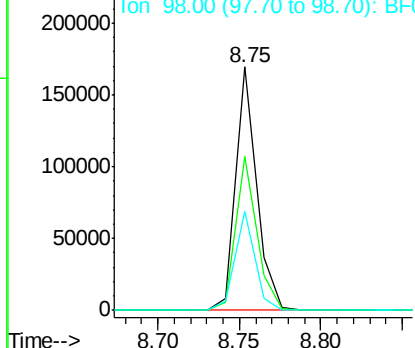
#29
 2,4-Dichlorophenol
 Concen: 44.10 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	40.8	16.5	56.5

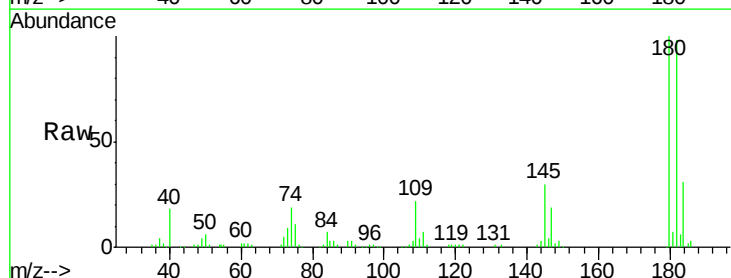


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

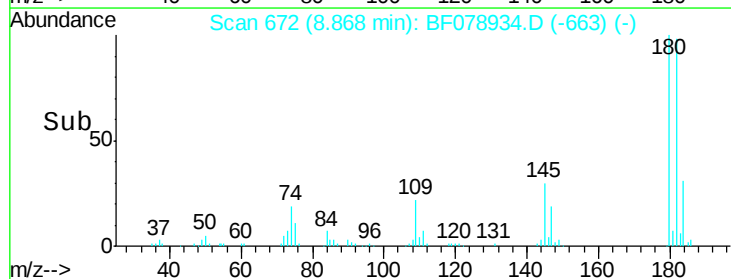
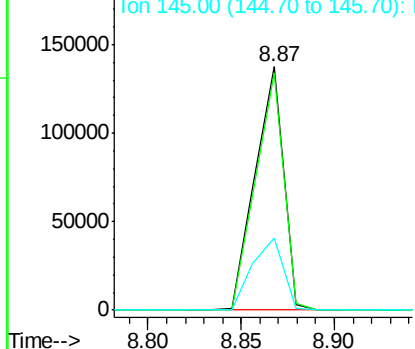


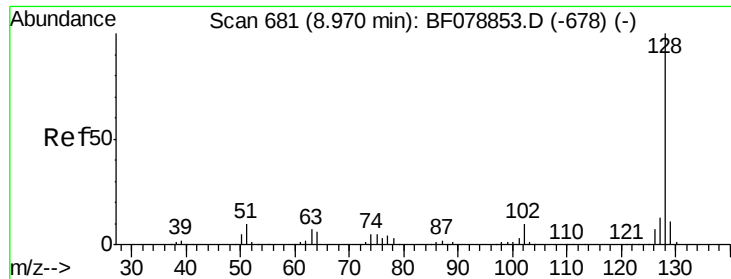
#30
 1,2,4-Trichlorobenzene
 Concen: 38.68 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.9	118.3
145	29.6	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

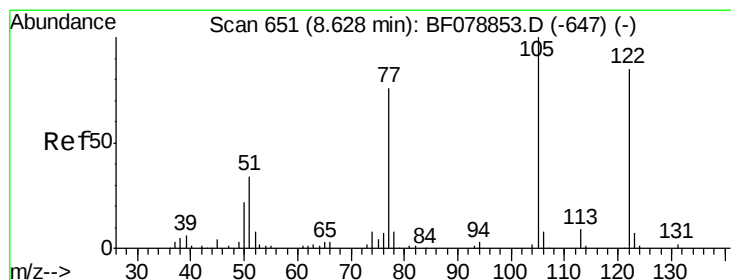
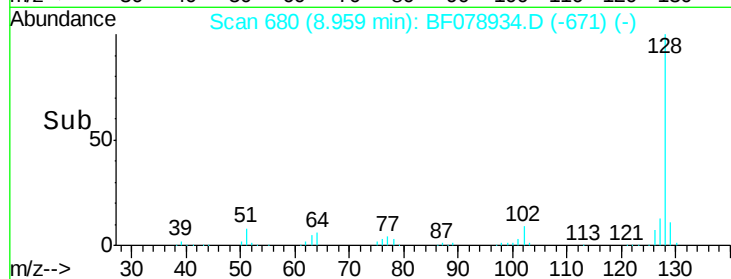
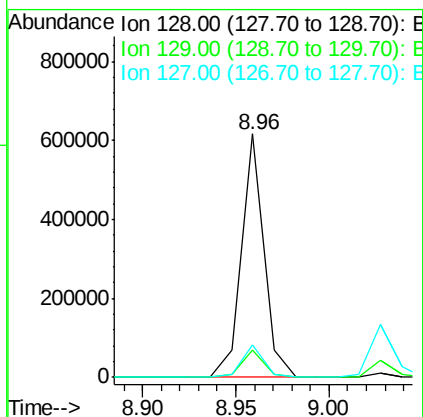
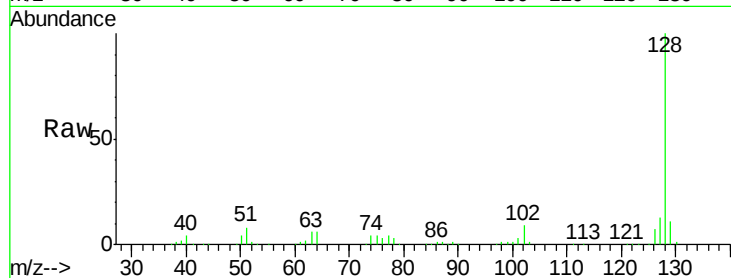




#31
Naphthalene
Concen: 40.80 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

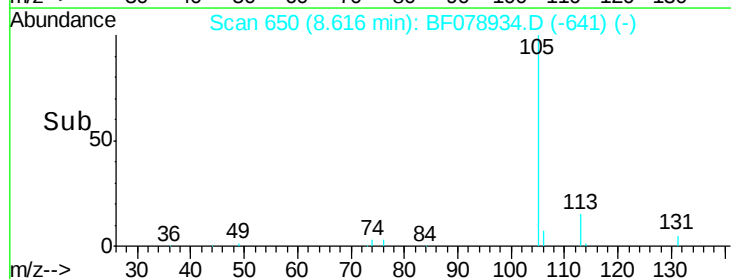
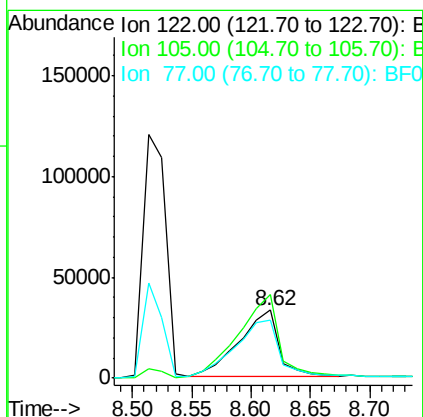
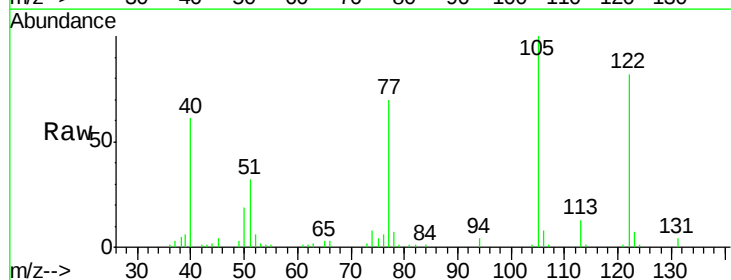
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:128 Resp: 519020
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 33.64 ng
RT: 8.62 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:122 Resp: 75158
Ion Ratio Lower Upper
122 100
105 122.6 107.1 147.1
77 85.8 73.9 113.9

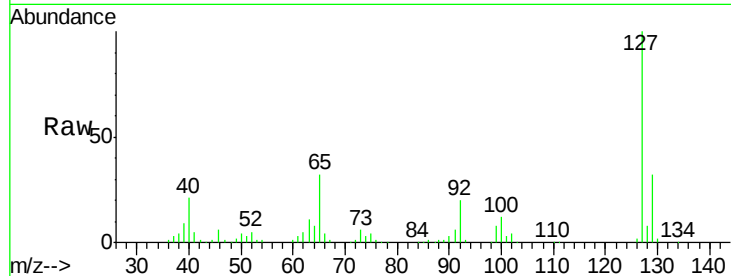




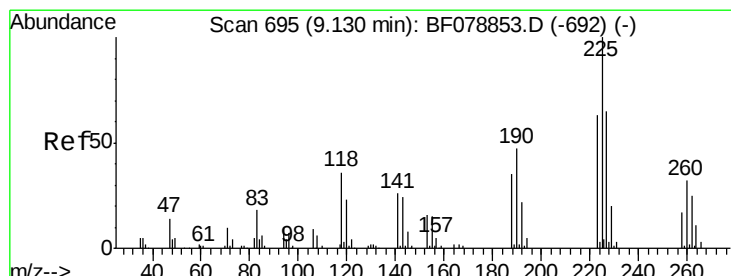
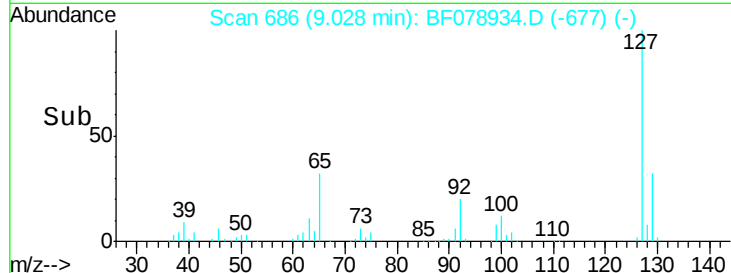
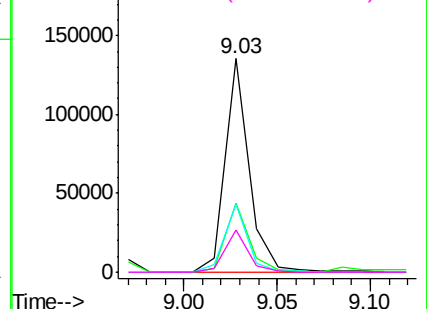
#33
4-Chloroaniline
Concen: 22.67 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:	127	Resp:	122021
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	31.7	25.8	38.6
92	19.6	15.5	23.3

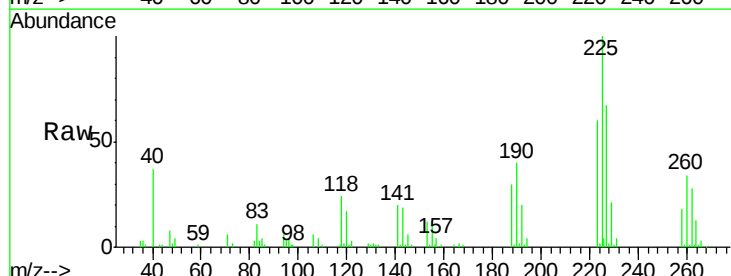


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

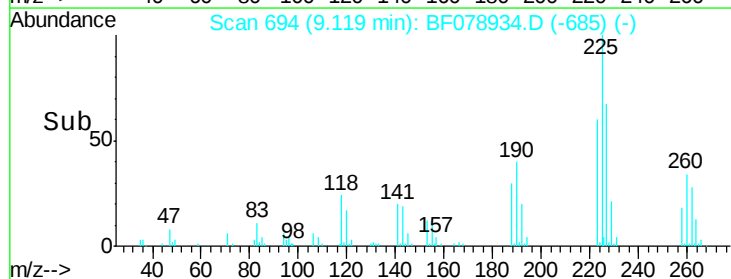
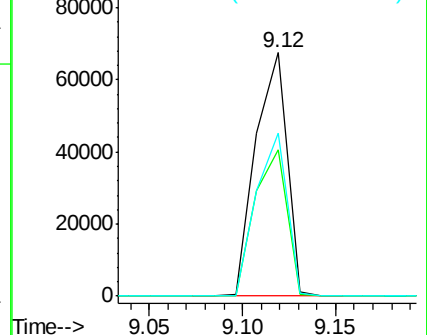


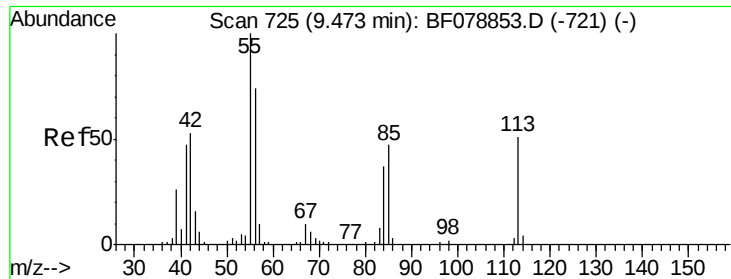
#34
Hexachlorobutadiene
Concen: 36.65 ng
RT: 9.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:	225	Resp:	78614
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.2	72.4
227	67.0	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

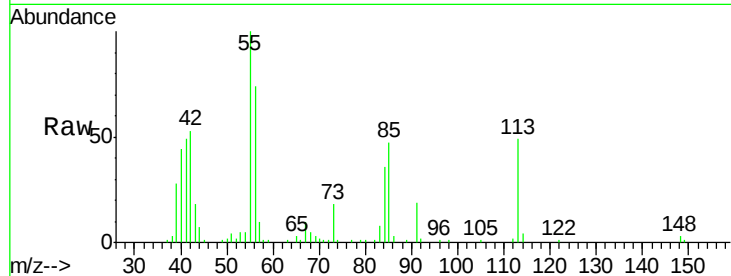




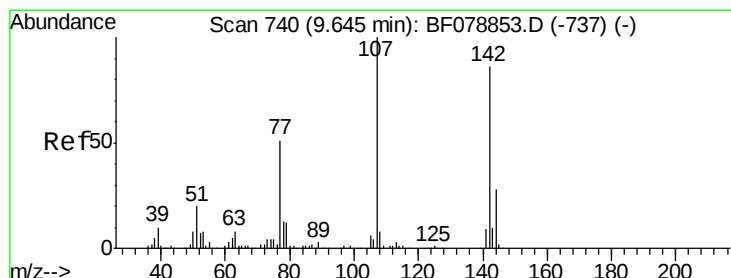
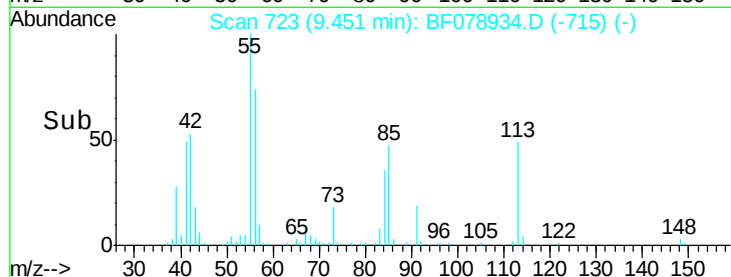
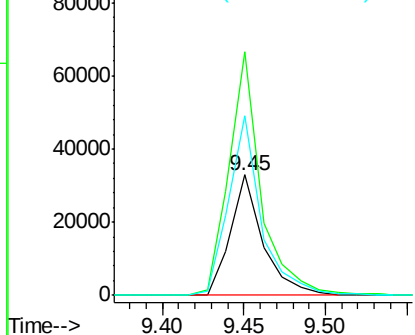
#35
 Caprolactam
 Concen: 41.50 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleID :
 PB83180BS

Tgt Ion:113 Resp: 45504
 Ion Ratio Lower Upper
 113 100
 55 202.6 169.7 209.7
 56 149.1 122.5 162.5

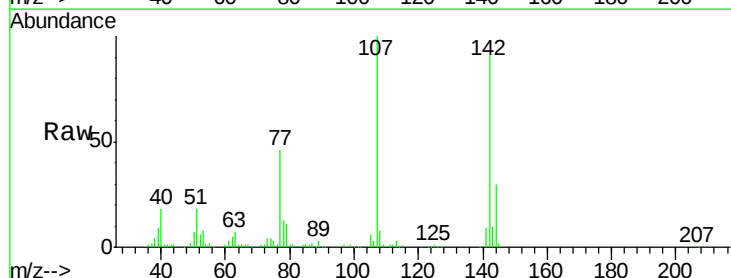


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

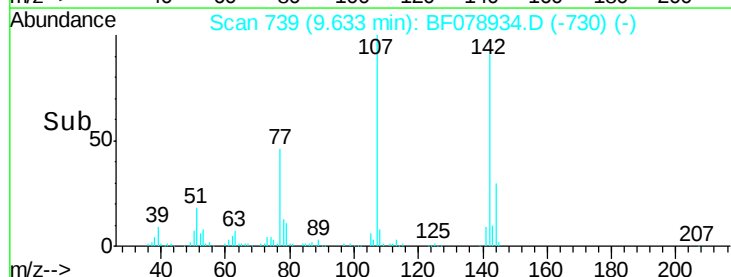
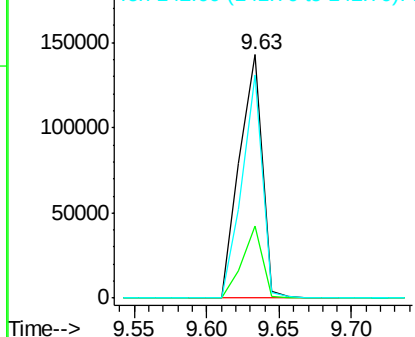


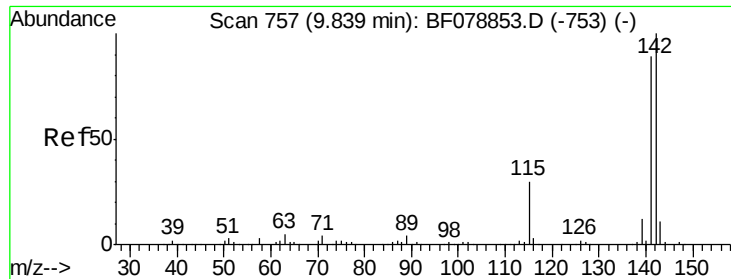
#36
 4-Chloro-3-methylphenol
 Concen: 44.12 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:107 Resp: 157140
 Ion Ratio Lower Upper
 107 100
 144 29.6 19.8 29.6
 142 91.5 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

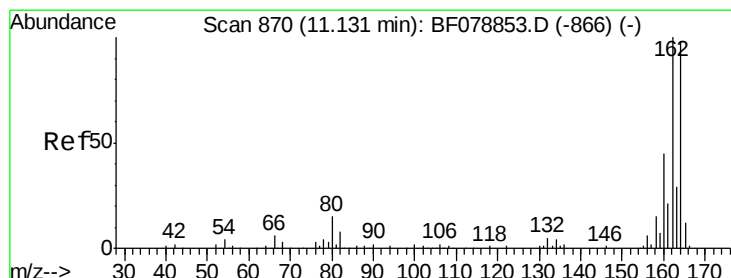
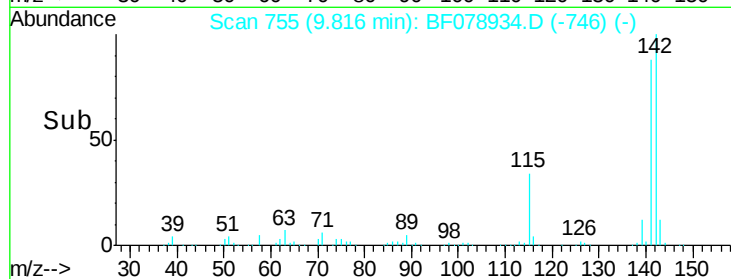
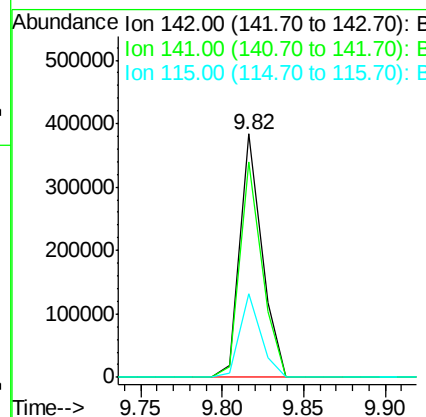
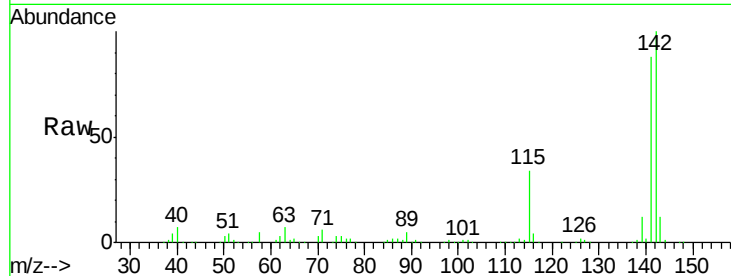




#37
 2-Methylnaphthalene
 Concen: 40.53 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

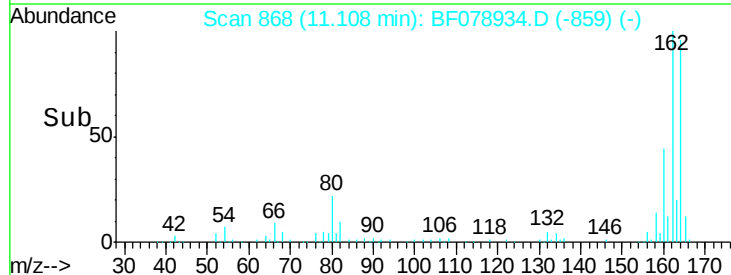
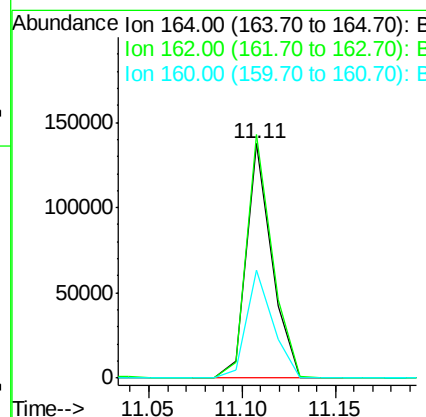
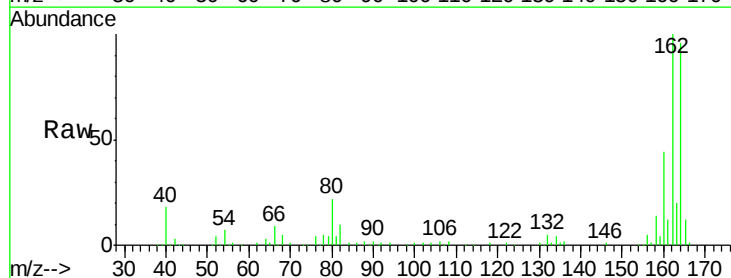
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

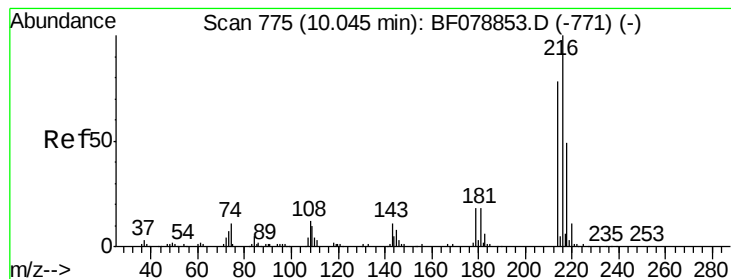
Tgt Ion:142 Resp: 357289
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.9 106.3
 115 34.3 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:164 Resp: 130377
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.7 124.1
 160 46.1 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.73 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

Tgt Ion:216 Resp: 142222

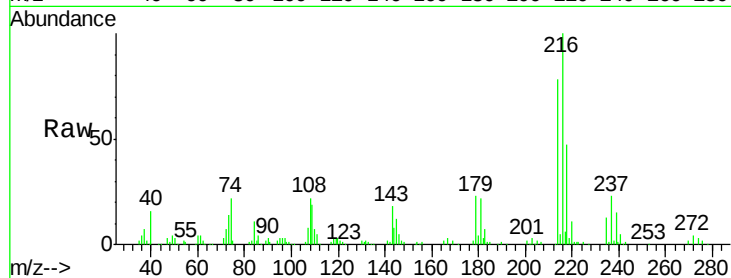
Ion Ratio Lower Upper

216 100

214 77.4 0.0 0.0#

179 22.3 0.0 0.0#

108 24.6 0.0 0.0#

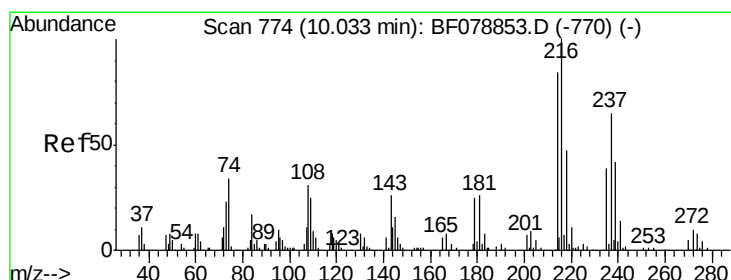
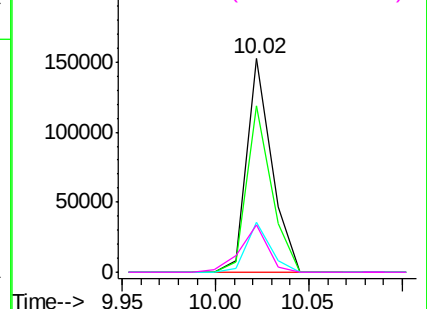
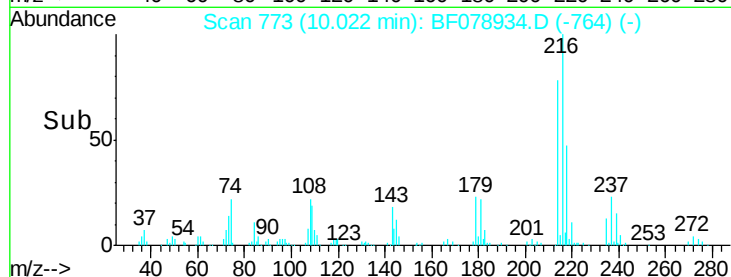


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.17 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

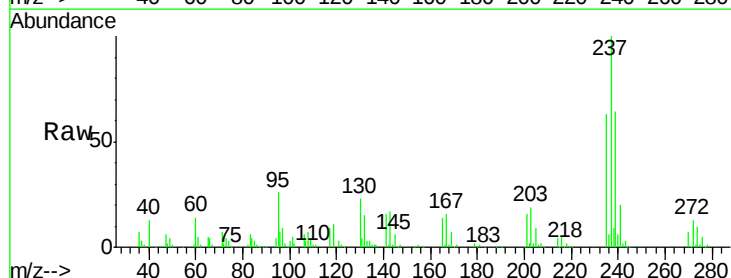
Tgt Ion:237 Resp: 148032

Ion Ratio Lower Upper

237 100

235 62.8 44.7 84.7

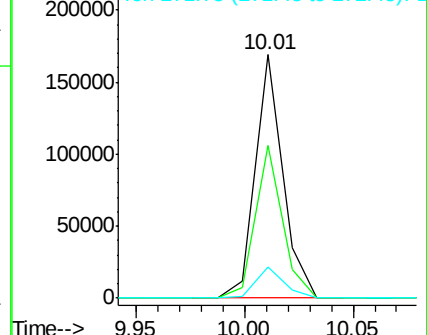
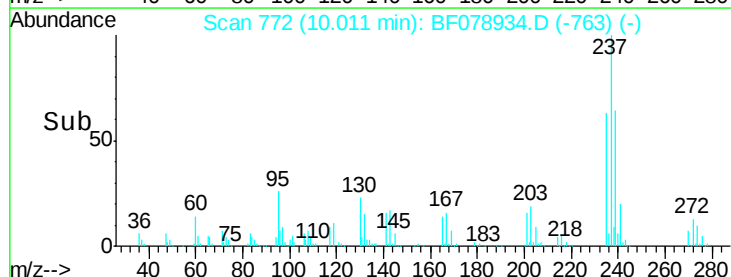
272 12.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

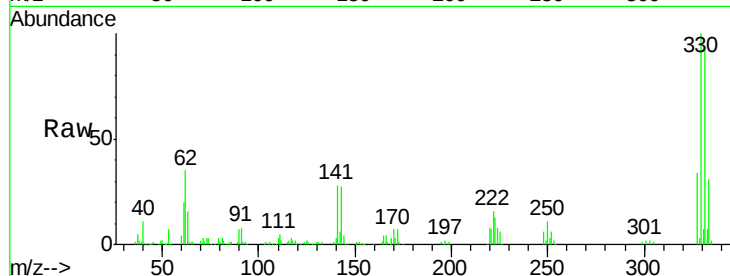




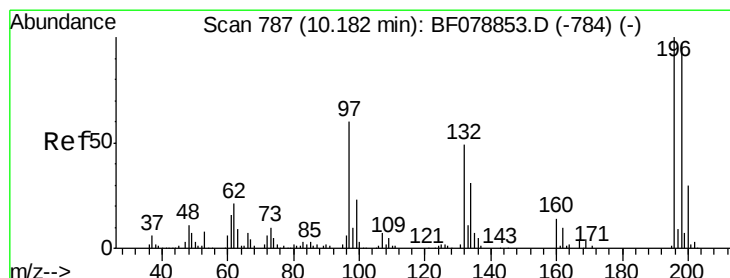
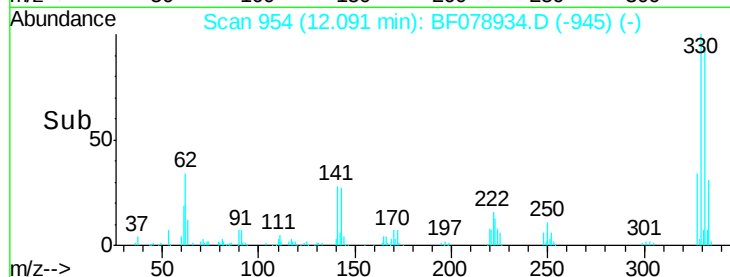
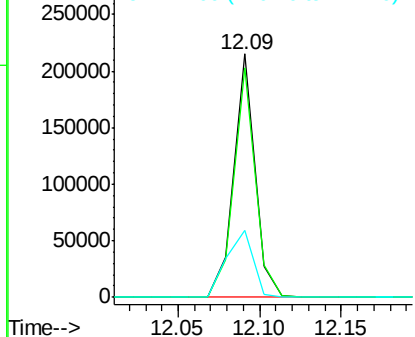
#41
 2,4,6-Tribromophenol
 Concen: 136.50 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:330 Resp: 192523
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 34.6 0.0 0.0#

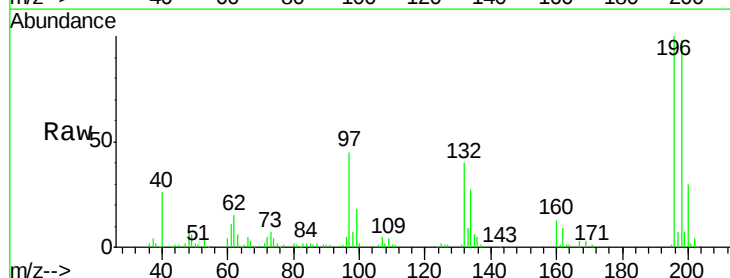


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

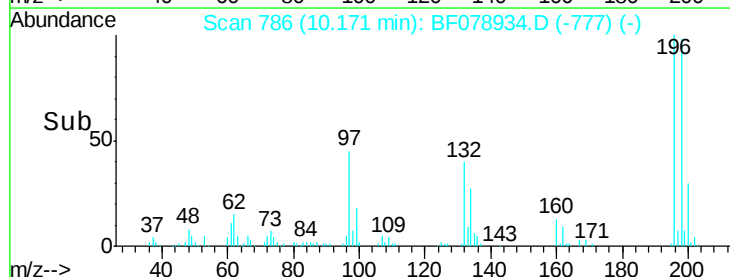
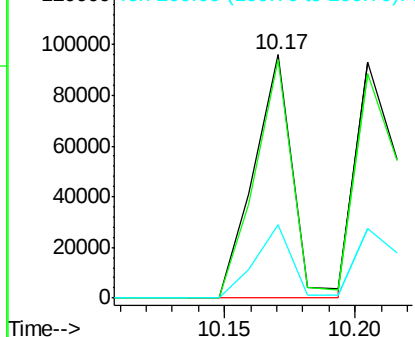


#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:196 Resp: 99205
 Ion Ratio Lower Upper
 196 100
 198 98.0 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

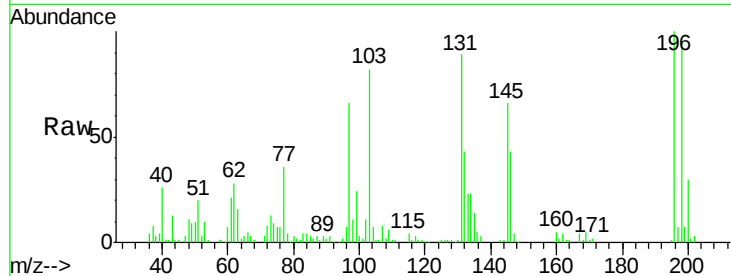




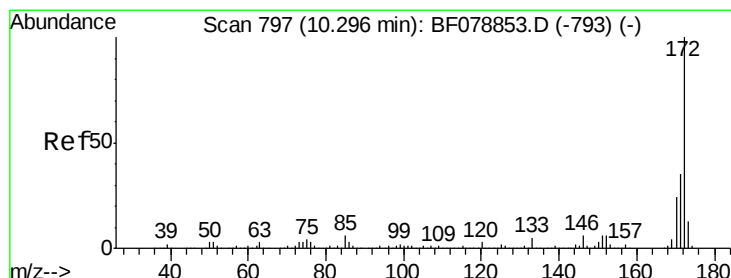
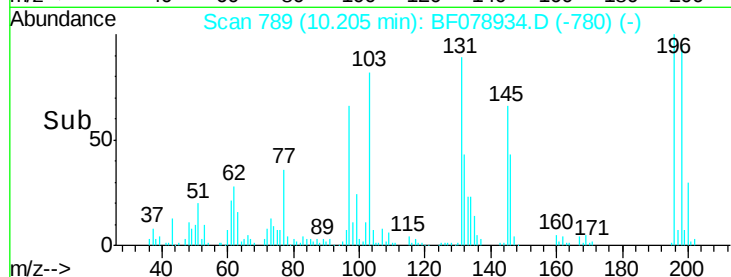
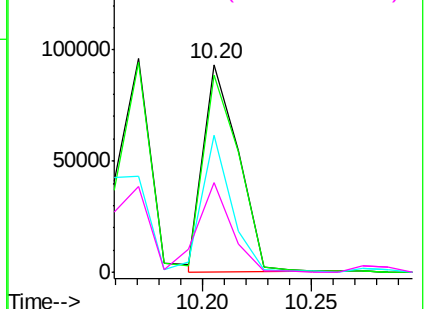
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.8	119.6
97	66.3	46.0	69.0
132	43.4	26.6	40.0

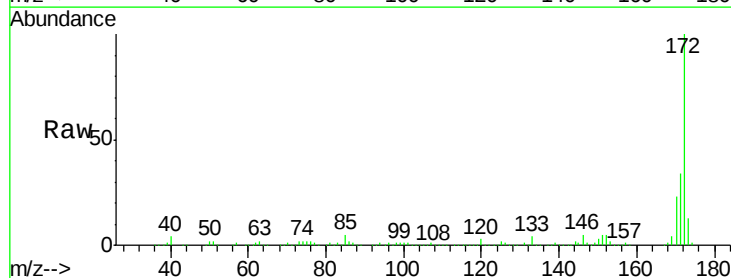


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

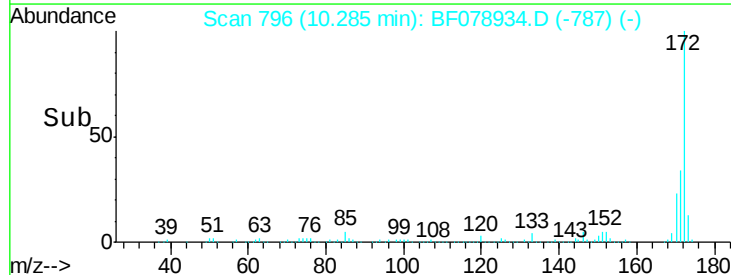
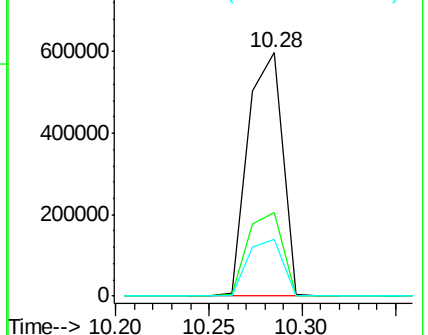


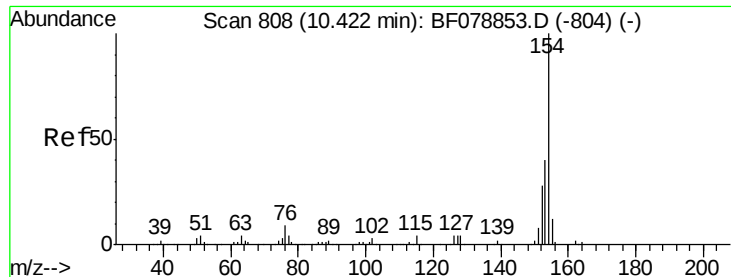
#44
 2-Fluorobiphenyl
 Concen: 81.76 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.4	19.4	29.0



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

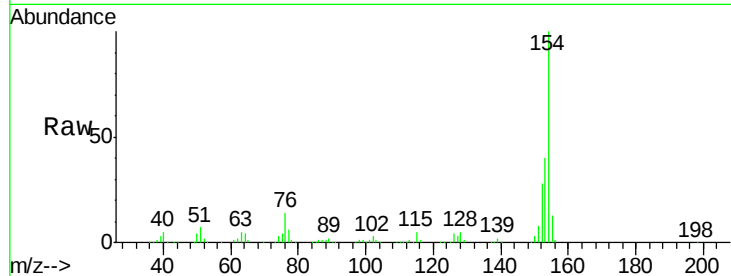




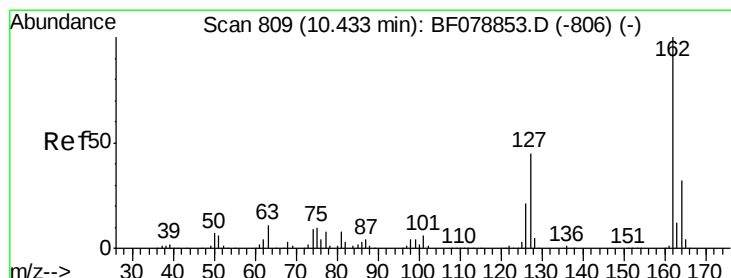
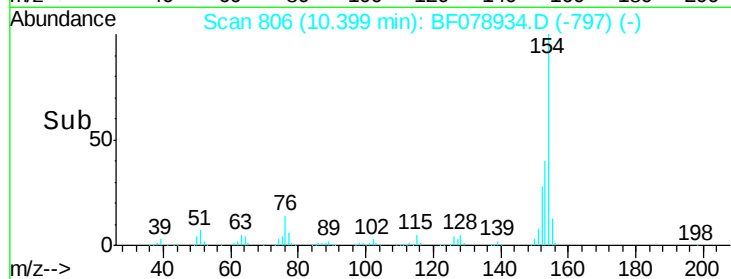
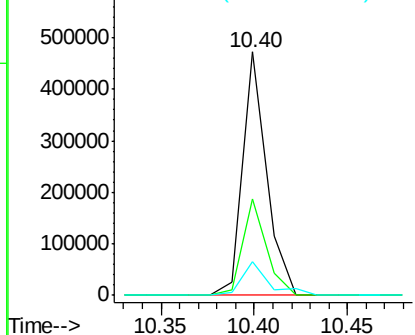
#45
 1,1'-Biphenyl
 Concen: 40.62 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:154 Resp: 421031
 Ion Ratio Lower Upper
 154 100
 153 39.7 19.9 59.9
 76 14.1 0.0 35.0

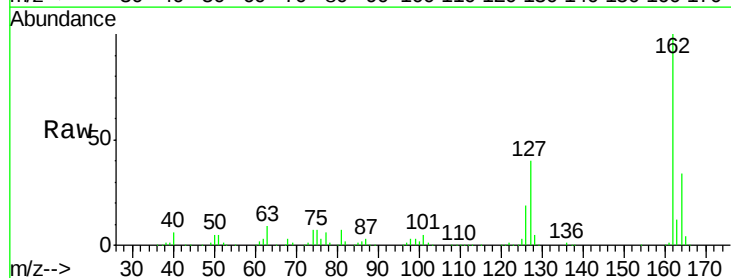


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

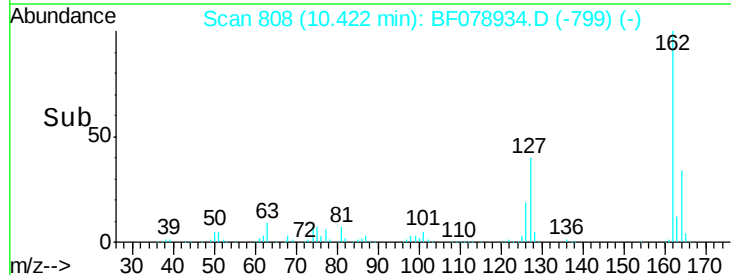
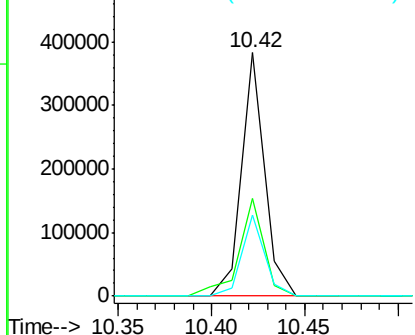


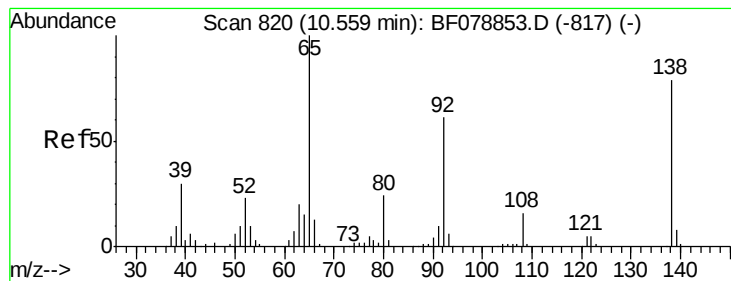
#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:162 Resp: 330971
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.9 50.9
 164 33.5 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: 41.20 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

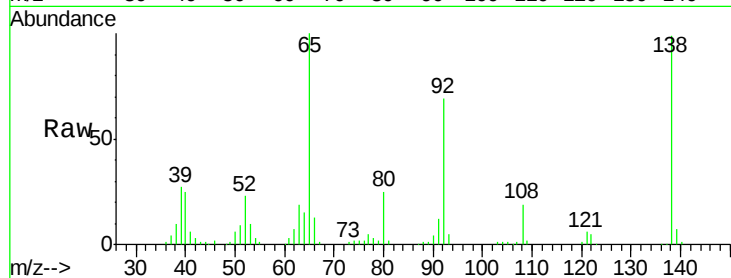
Tgt Ion: 65 Resp: 96520

Ion Ratio Lower Upper

65 100

92 68.7 54.0 81.0

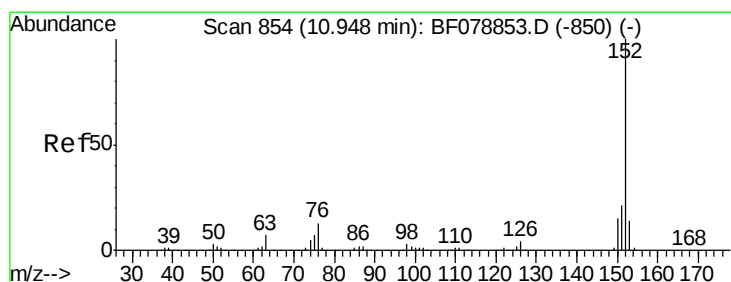
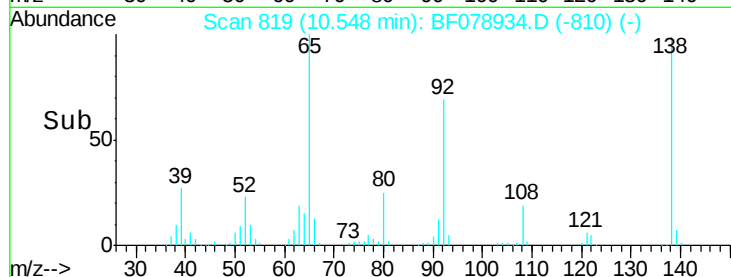
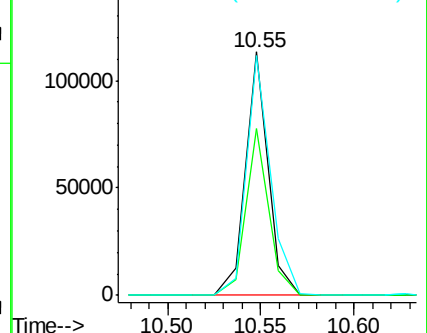
138 98.5 75.0 112.6



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.43 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

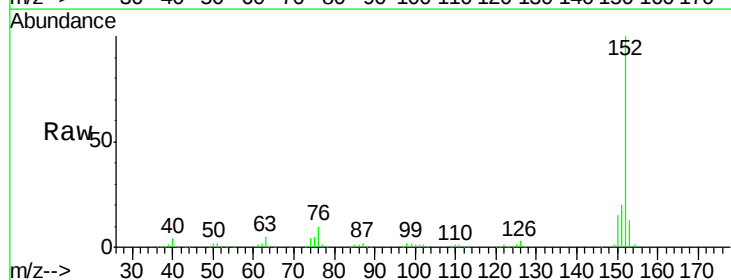
Tgt Ion: 152 Resp: 549960

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

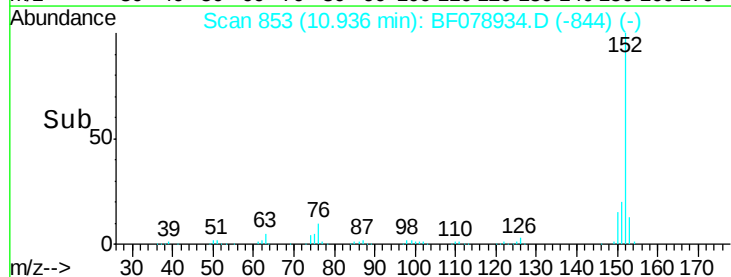
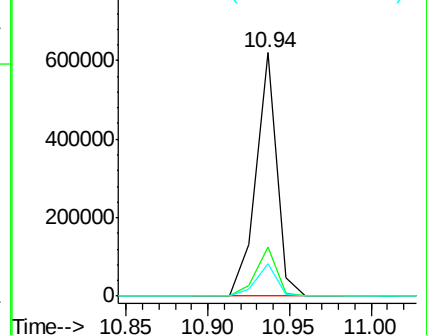
153 13.4 10.9 16.3

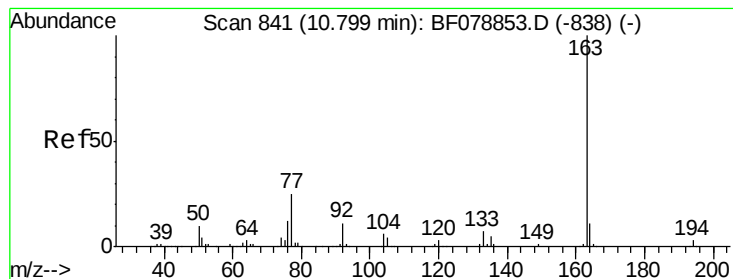


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.02 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

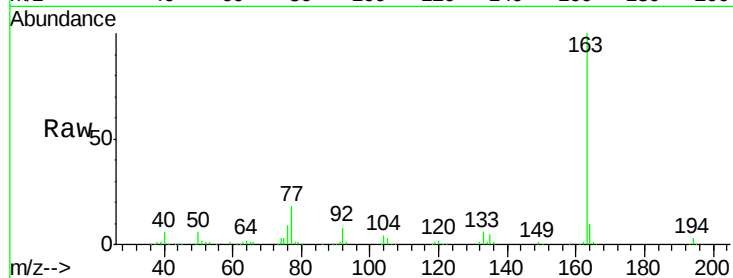
Tgt Ion:163 Resp: 392531

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

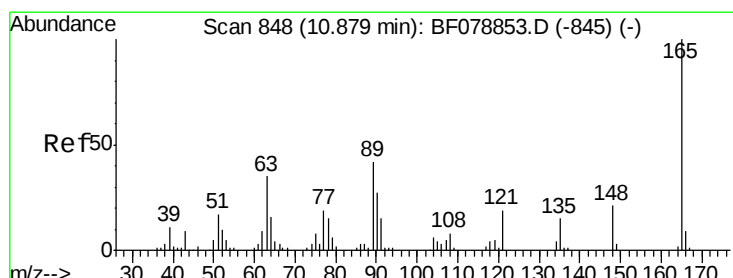
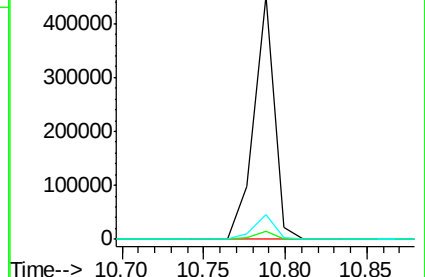
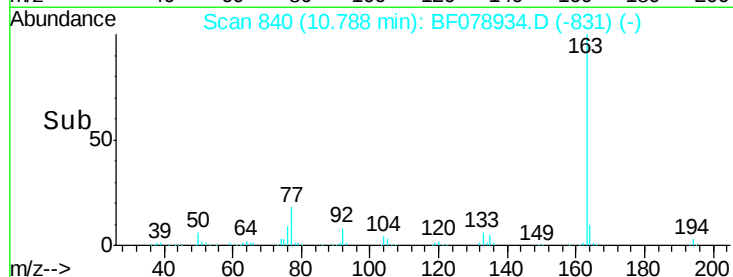
164 9.9 8.1 12.1



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: 41.83 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

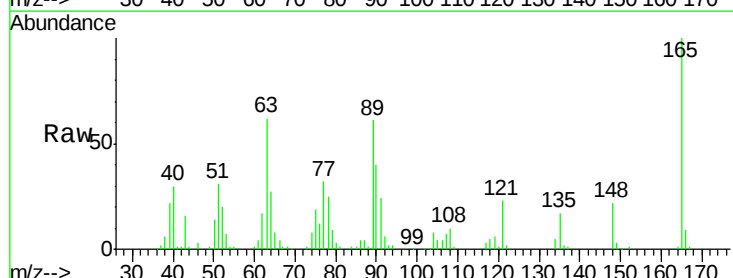
Tgt Ion:165 Resp: 78992

Ion Ratio Lower Upper

165 100

63 62.2 54.4 81.6

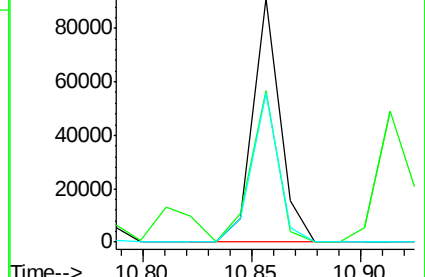
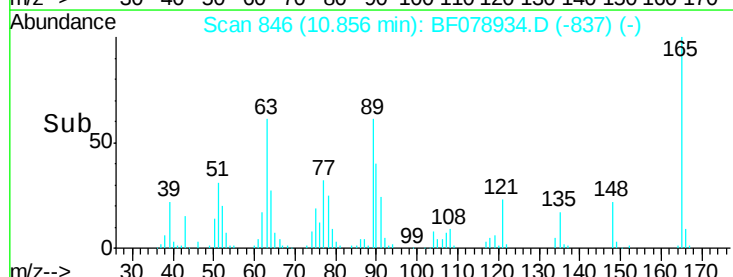
89 61.1 55.7 83.5



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: 39.81 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

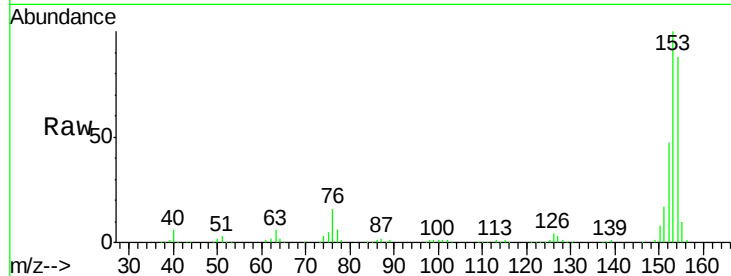
Tgt Ion:154 Resp: 315117

Ion Ratio Lower Upper

154 100

153 114.2 91.5 137.3

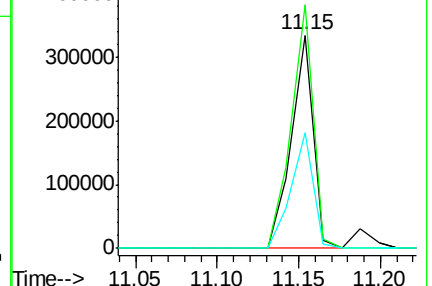
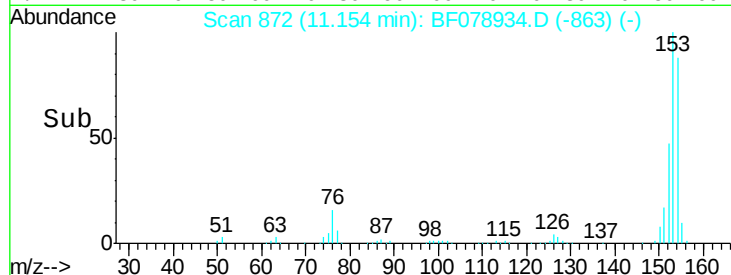
152 54.2 44.2 66.4



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: 31.09 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

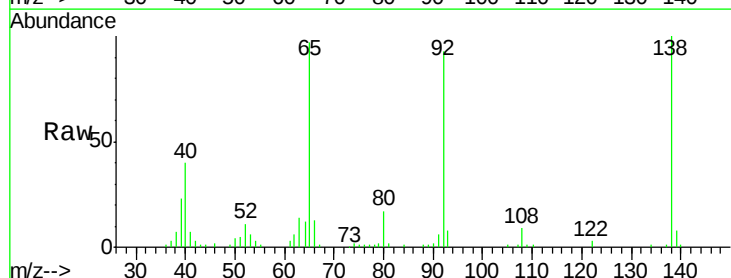
Tgt Ion:138 Resp: 73330

Ion Ratio Lower Upper

138 100

108 9.2 10.6 16.0#

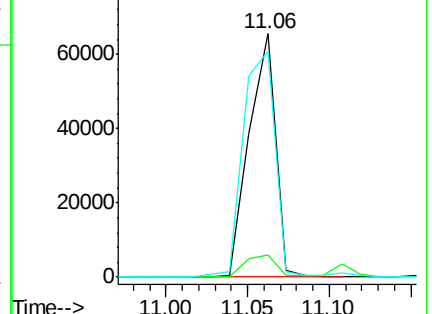
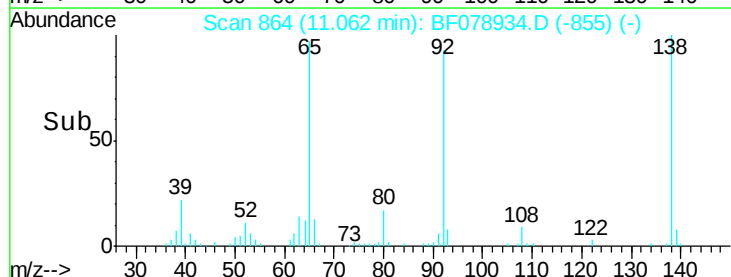
92 92.8 81.8 122.6

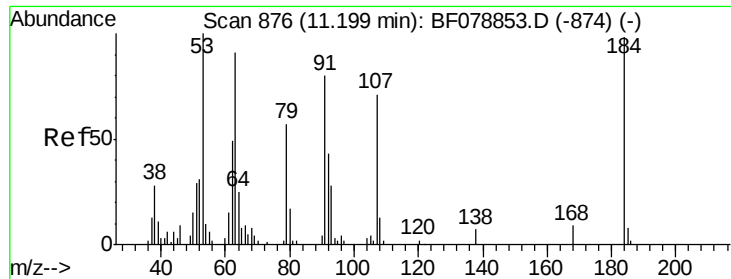


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

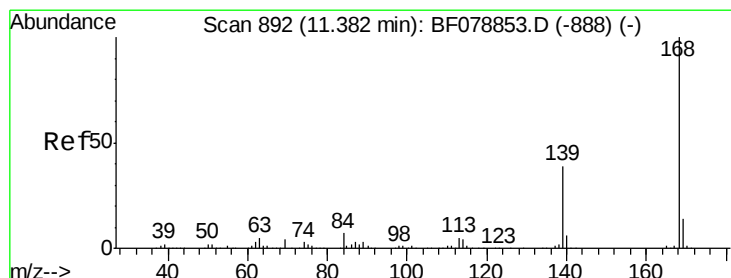
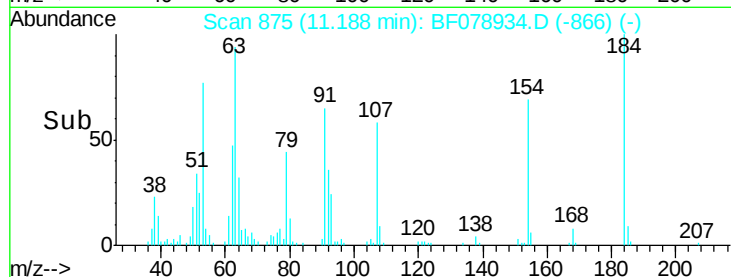
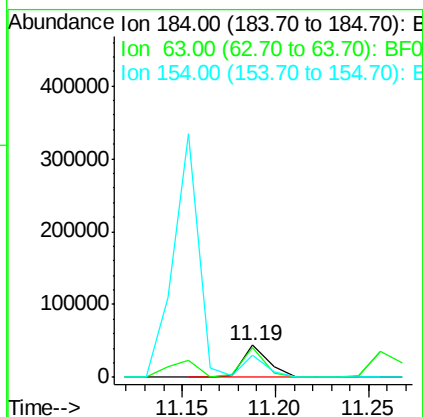
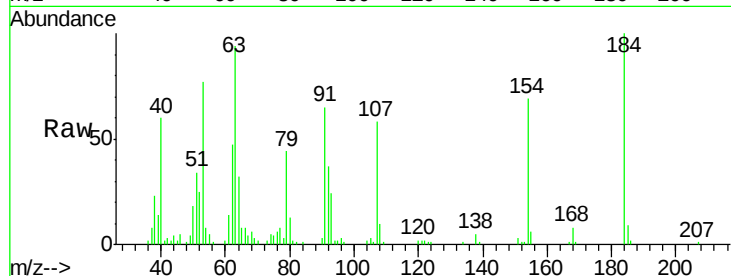




#53
2,4-Dinitrophenol
Concen: 61.88 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

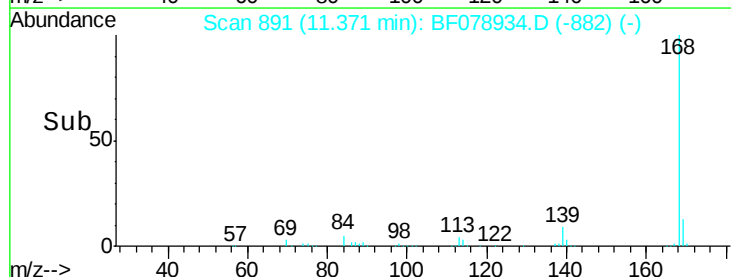
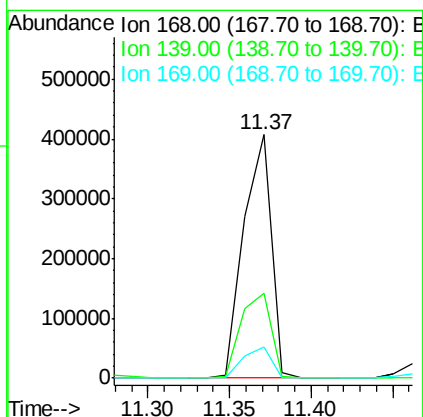
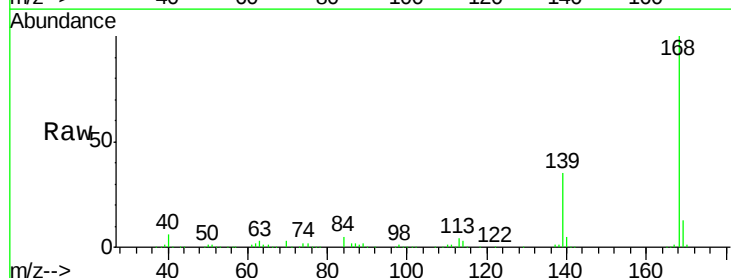
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:184 Resp: 41761
Ion Ratio Lower Upper
184 100
63 94.1 63.3 94.9
154 69.4 53.8 80.6



#54
Dibenzofuran
Concen: 41.44 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:168 Resp: 473859
Ion Ratio Lower Upper
168 100
139 34.7 31.0 46.4
169 12.8 10.6 16.0

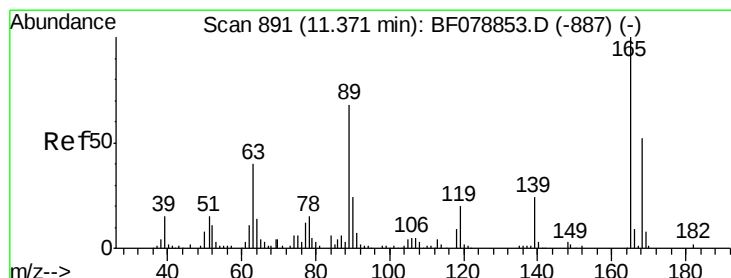
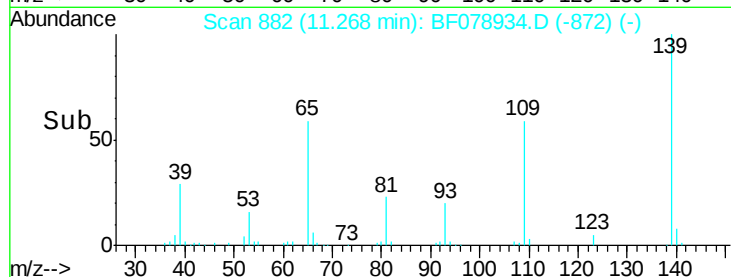
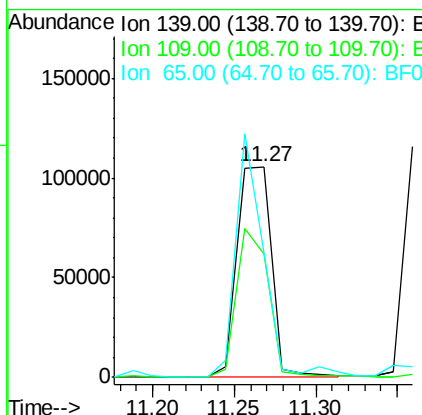
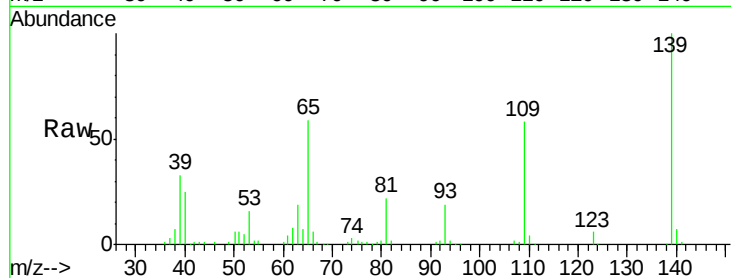




#55
 4-Nitrophenol
 Concen: 82.43 ng
 RT: 11.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

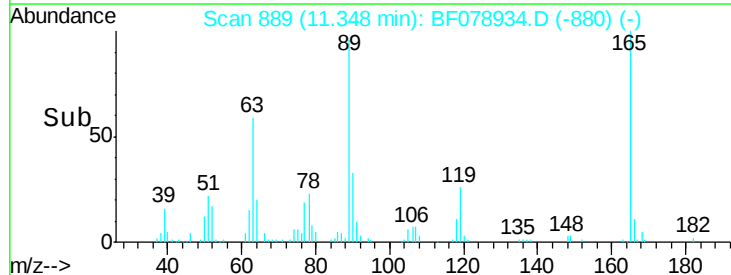
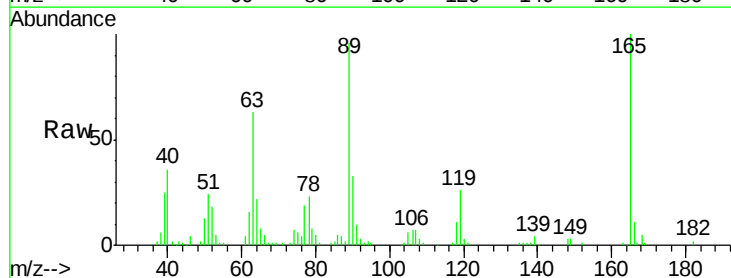
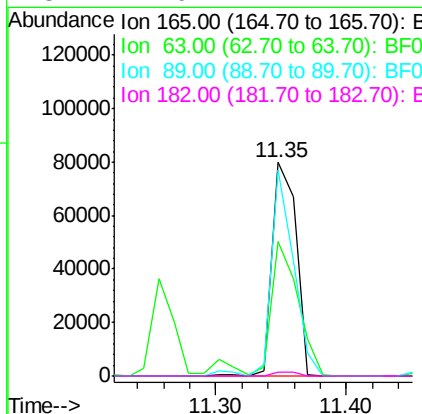
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

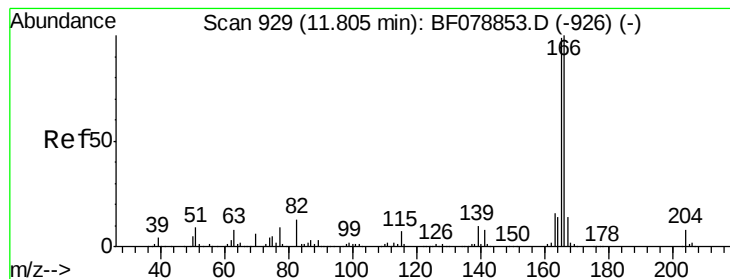
Tgt Ion:139 Resp: 153906
 Ion Ratio Lower Upper
 139 100
 109 58.5 47.6 87.6
 65 59.3 54.3 94.3



#56
 2,4-Dinitrotoluene
 Concen: 41.47 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:165 Resp: 103529
 Ion Ratio Lower Upper
 165 100
 63 62.9 51.2 76.8
 89 96.4 82.7 124.1
 182 1.9 1.4 2.2





#57

Fluorene

Concen: 40.82 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampled :

PB83180BS

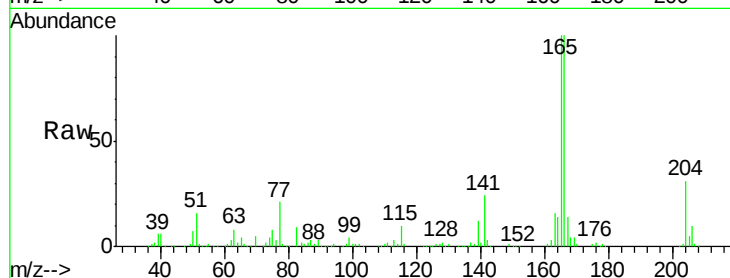
Tgt Ion:166 Resp: 383135

Ion Ratio Lower Upper

166 100

165 100.3 78.5 117.7

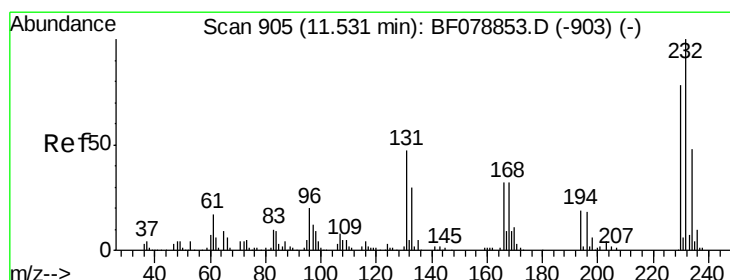
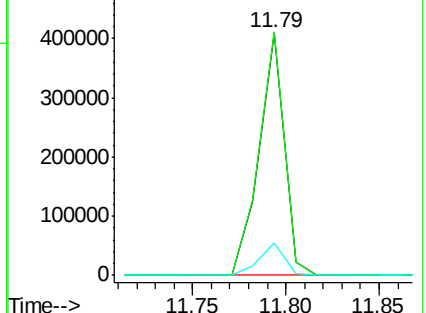
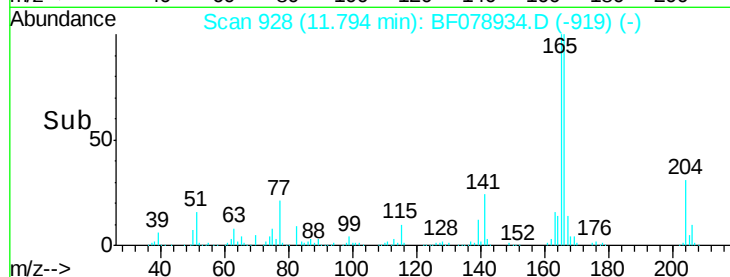
167 13.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.53 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Tgt Ion:232 Resp: 84520

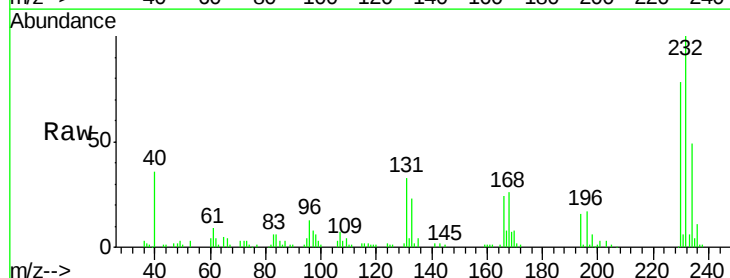
Ion Ratio Lower Upper

232 100

131 52.0 0.0 0.0#

130 2.6 0.0 0.0#

166 32.1 0.0 0.0#

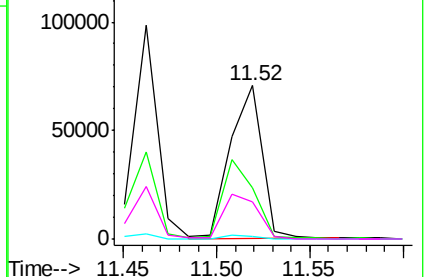
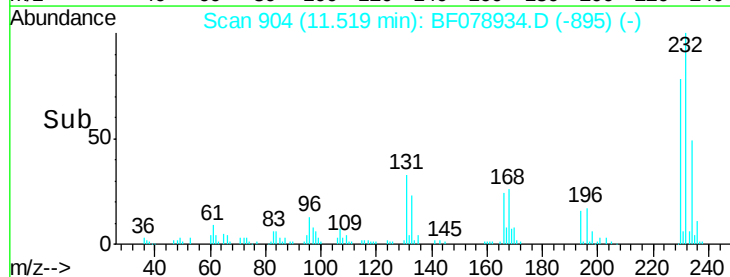


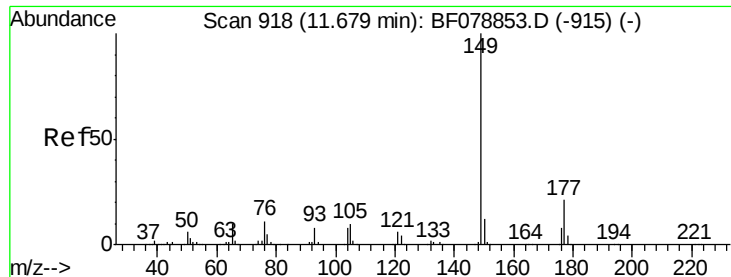
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

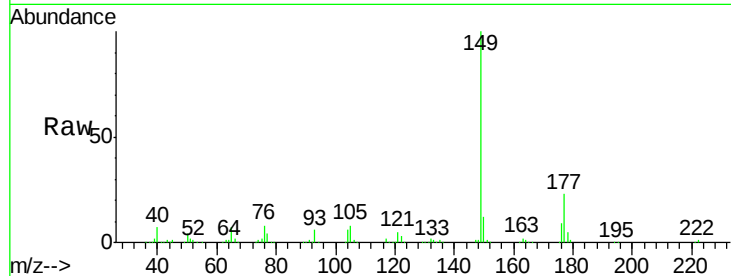




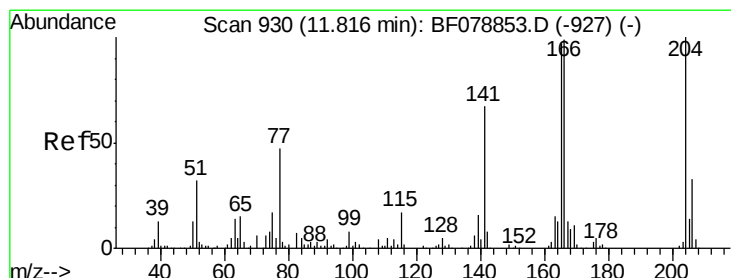
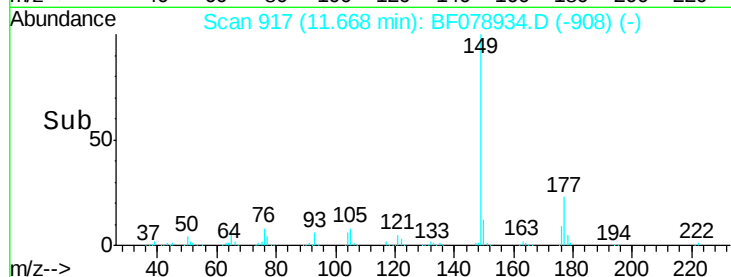
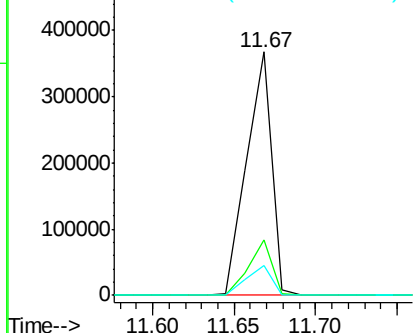
#59
Diethylphthalate
Concen: 41.07 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:149 Resp: 389374
Ion Ratio Lower Upper
149 100
177 22.8 17.5 26.3
150 12.1 9.6 14.4

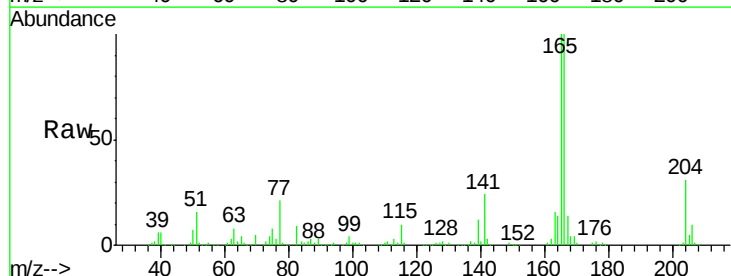


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

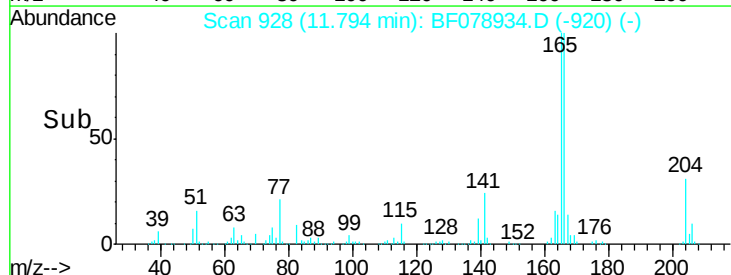
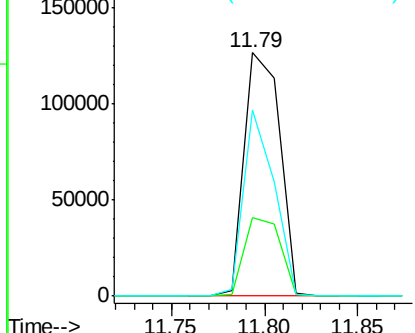


#60
4-Chlorophenyl-phenylether
Concen: 40.32 ng
RT: 11.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:204 Resp: 167872
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 76.6 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

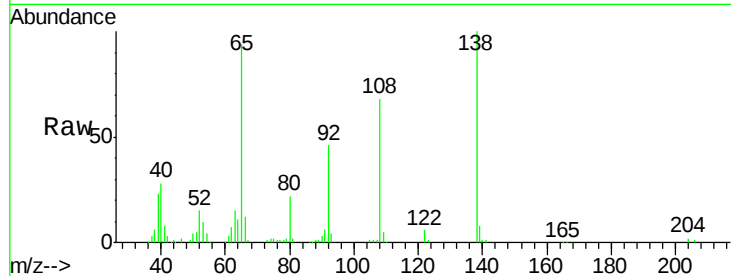




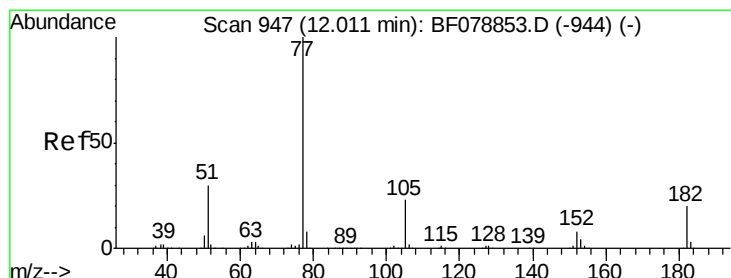
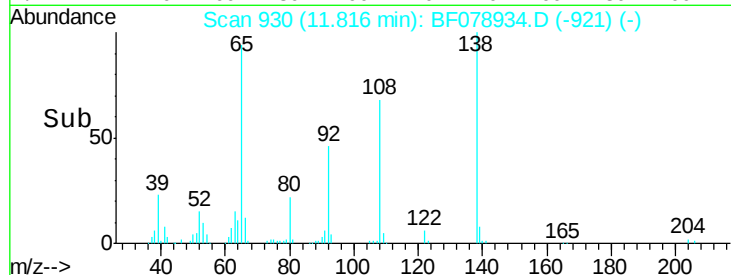
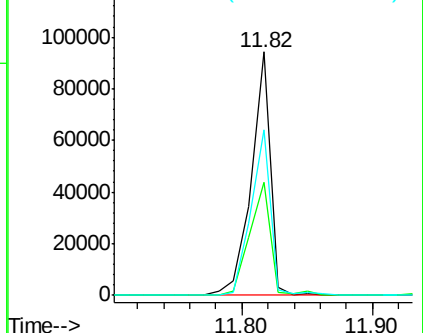
#61
4-Nitroaniline
Concen: 40.90 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:138 Resp: 96513
Ion Ratio Lower Upper
138 100
92 46.3 28.0 68.0
108 68.2 56.3 96.3

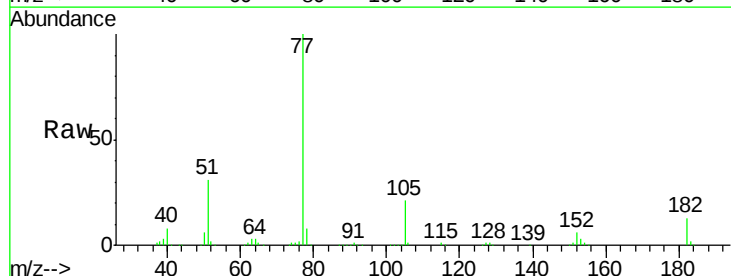


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

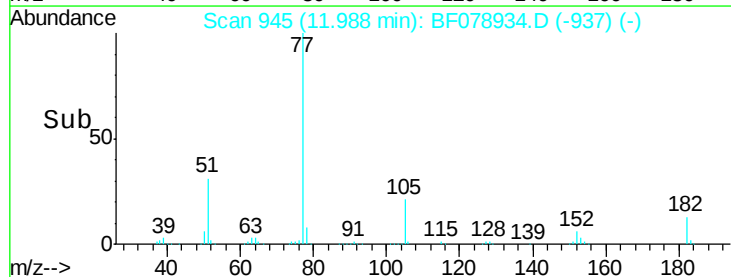
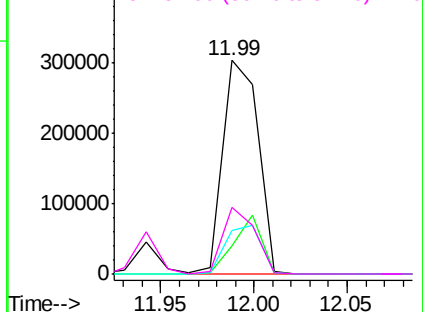


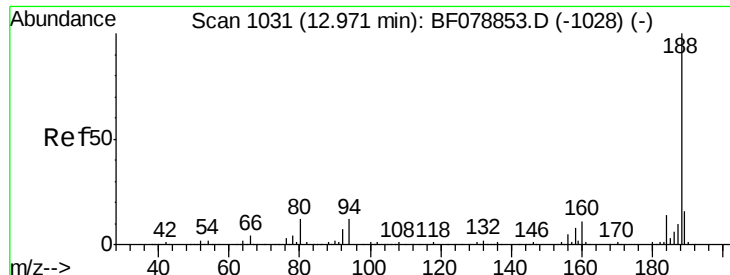
#62
Azobenzene
Concen: 43.14 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion: 77 Resp: 403003
Ion Ratio Lower Upper
77 100
182 13.4 3.8 43.8
105 20.6 3.9 43.9
51 31.1 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

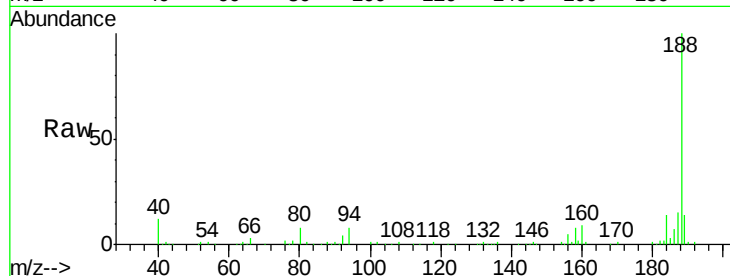




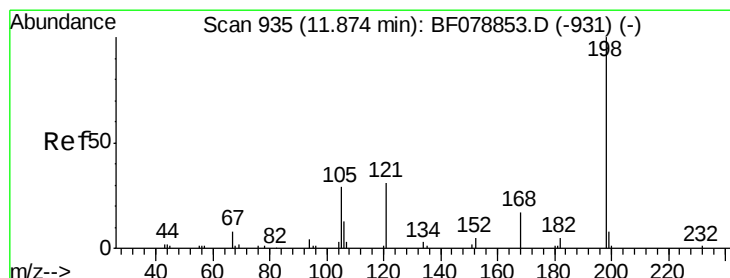
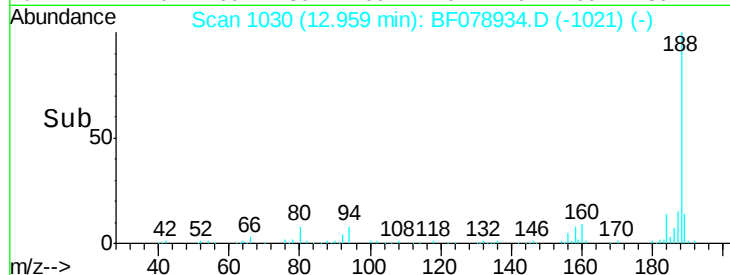
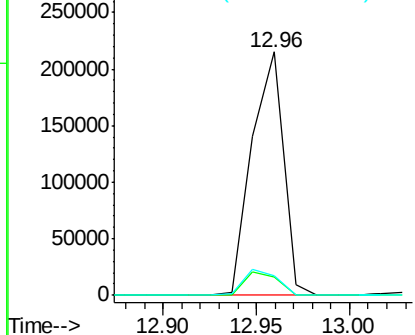
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:188 Resp: 252743
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 8.1 8.9 13.3#

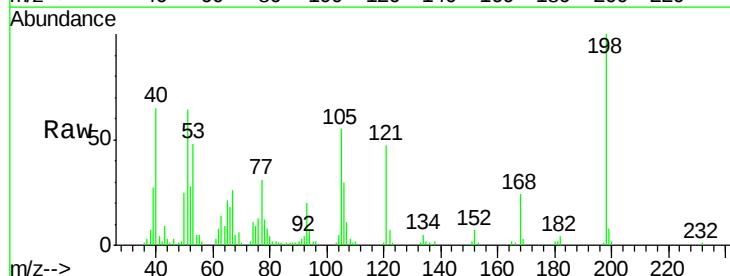


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

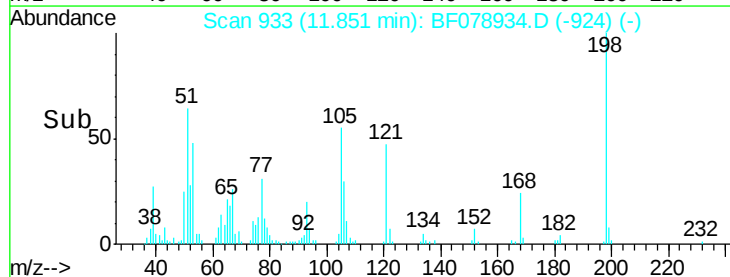
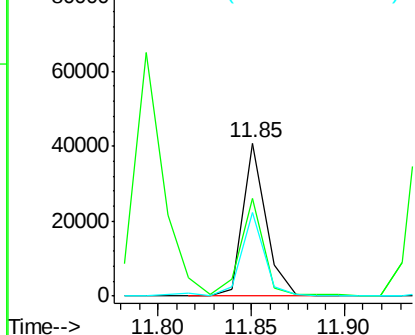


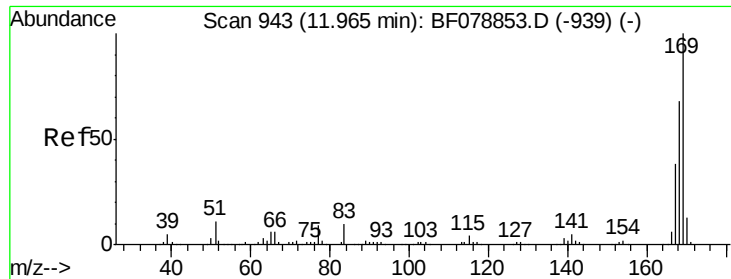
#64
4,6-Dinitro-2-methylphenol
Concen: 37.16 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:198 Resp: 35517
Ion Ratio Lower Upper
198 100
51 63.6 47.3 87.3
105 54.8 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: 38.28 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

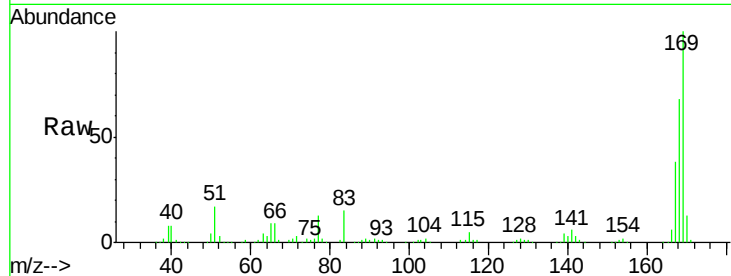
Tgt Ion:169 Resp: 322240

Ion Ratio Lower Upper

169 100

168 68.0 54.6 82.0

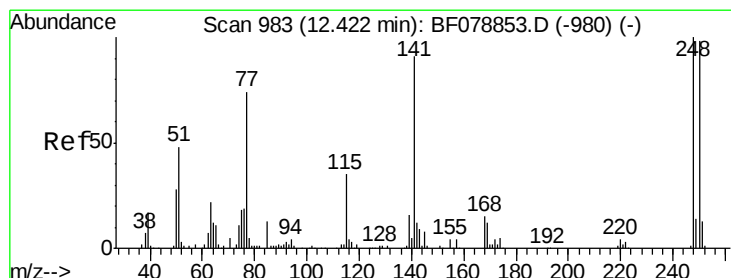
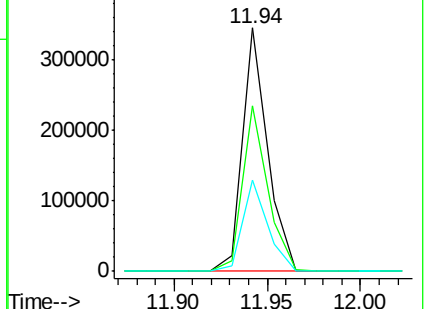
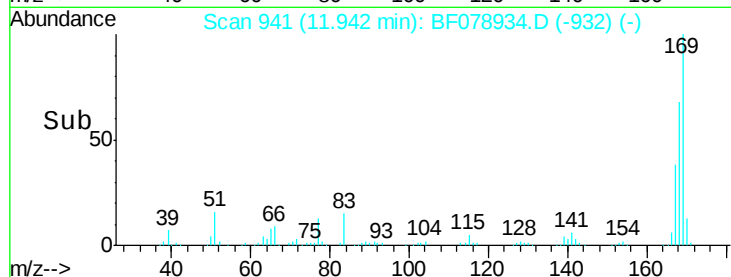
167 37.7 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.58 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

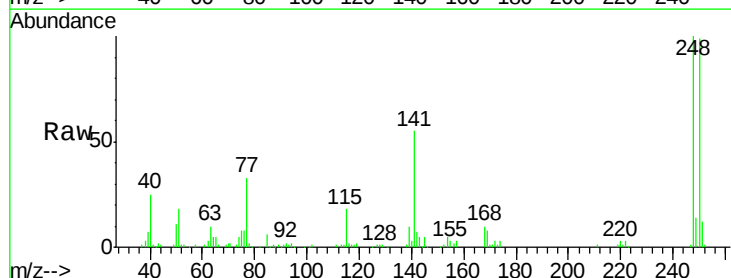
Tgt Ion:248 Resp: 106904

Ion Ratio Lower Upper

248 100

250 98.9 77.1 115.7

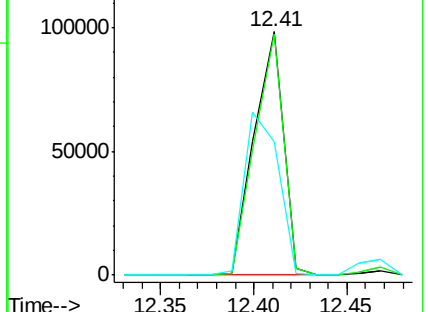
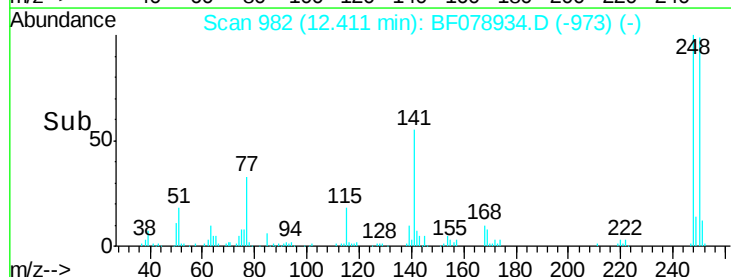
141 54.7 58.8 88.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

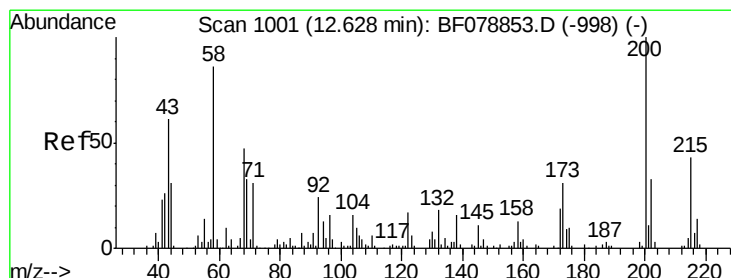
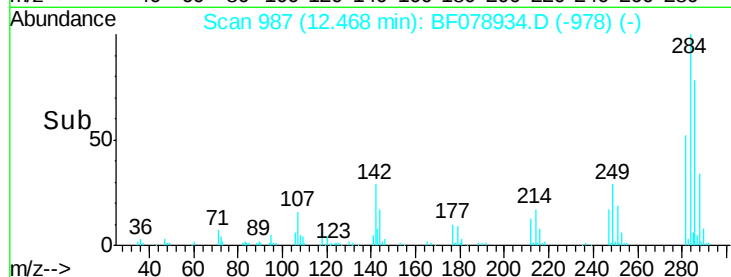
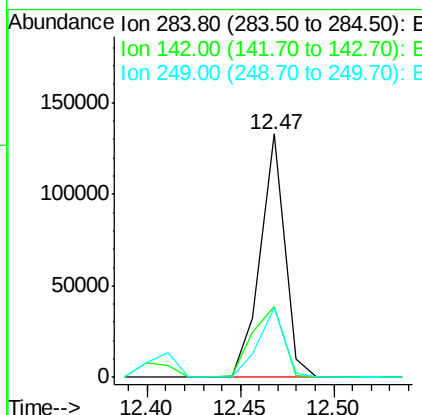
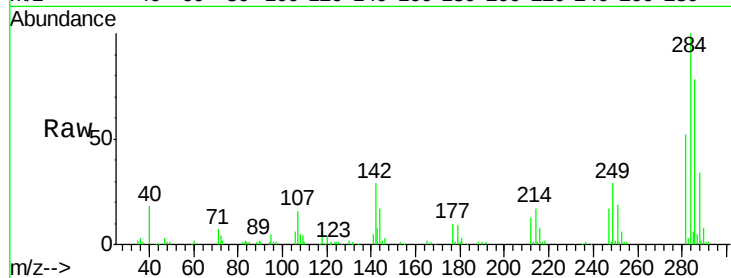




#67
Hexachlorobenzene
Concen: 40.13 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

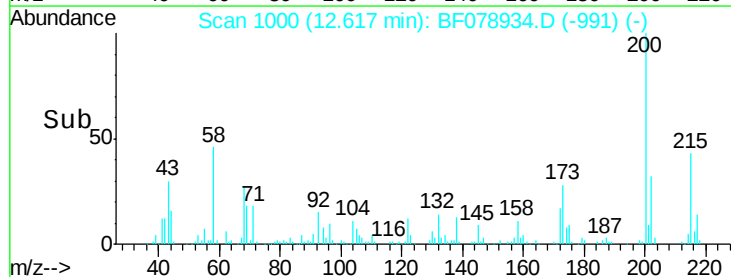
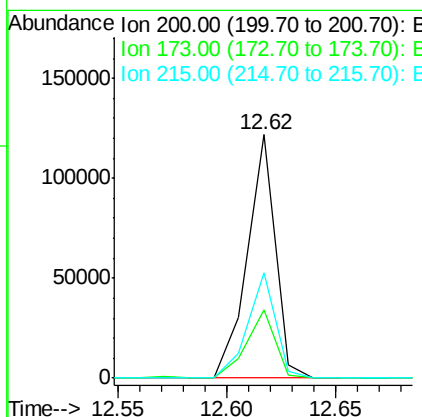
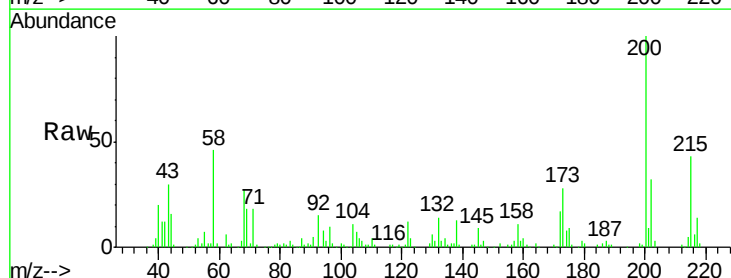
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion: 284 Resp: 120832
Ion Ratio Lower Upper
284 100
142 28.8 35.2 52.8#
249 28.8 25.4 38.2



#68
Atrazine
Concen: 44.51 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion: 200 Resp: 108948
Ion Ratio Lower Upper
200 100
173 28.1 8.1 48.1
215 43.1 22.9 62.9

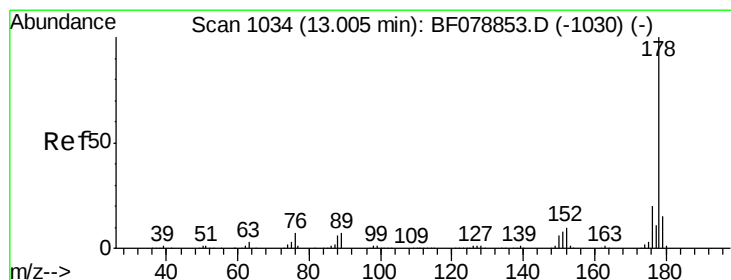
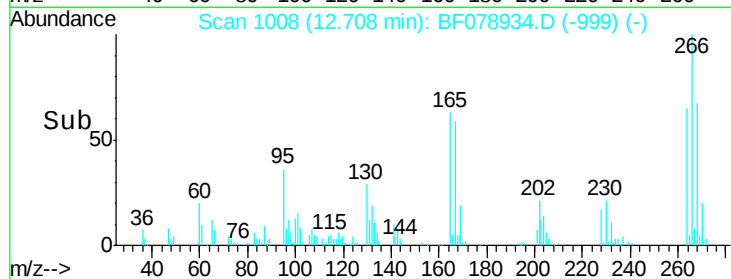
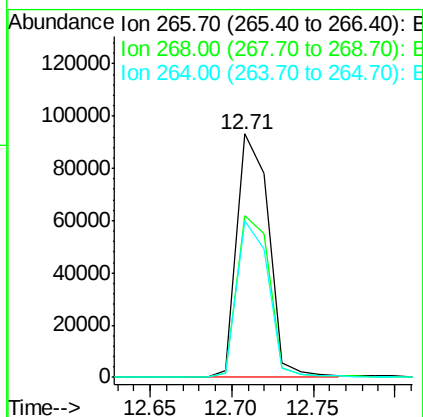
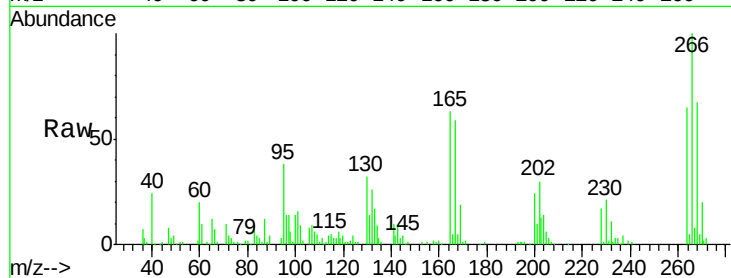




#69
 Pentachlorophenol
 Concen: 72.19 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

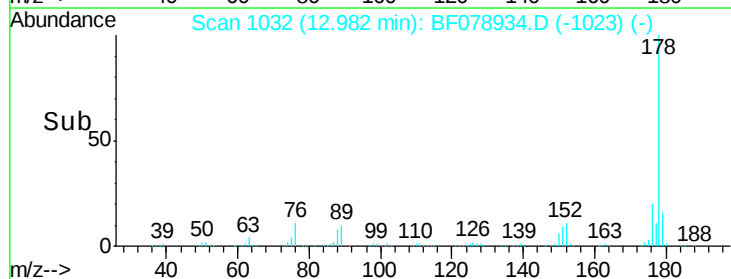
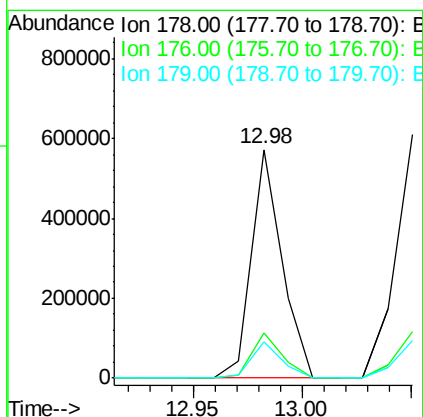
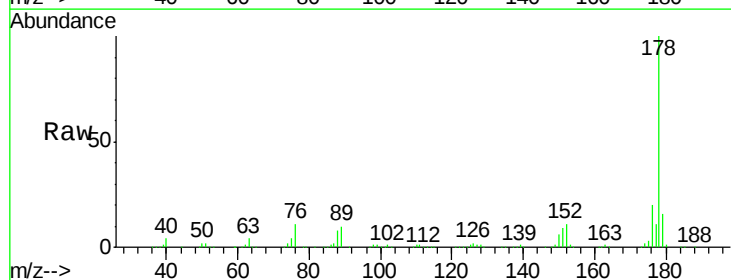
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

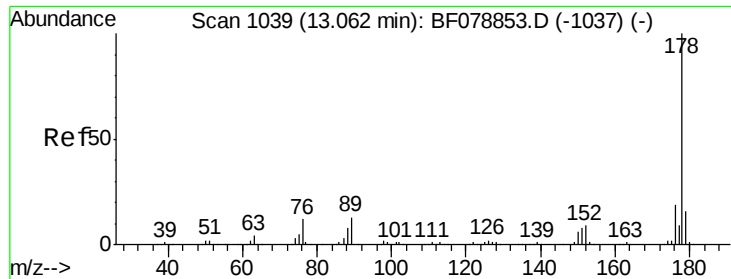
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	64.6	48.2	72.2



#70
 Phenanthrene
 Concen: 39.71 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	12.5	18.7

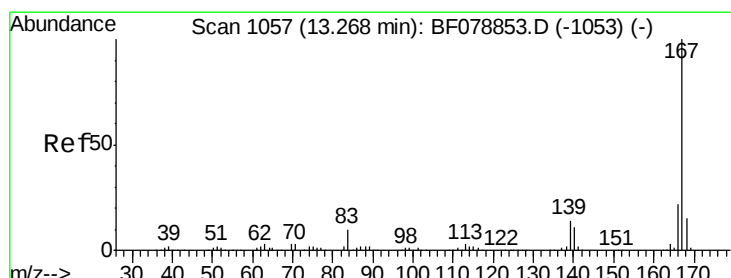
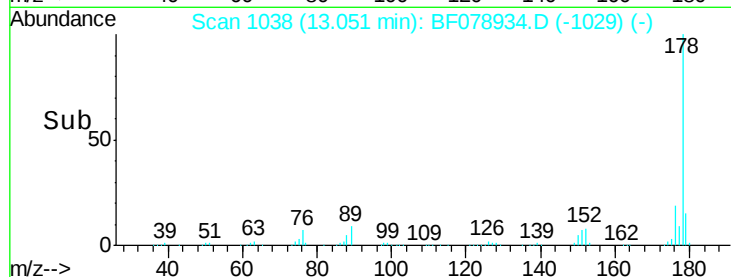
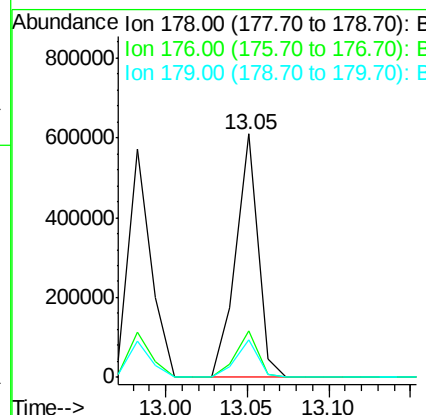
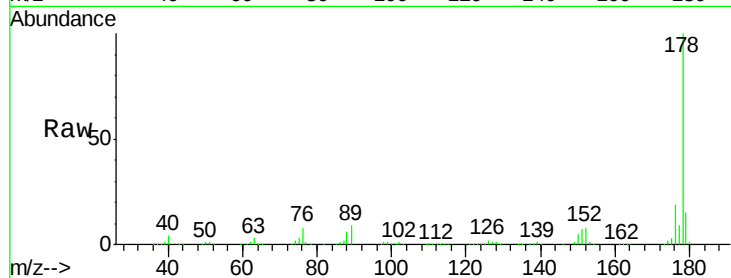




#71
 Anthracene
 Concen: 41.23 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

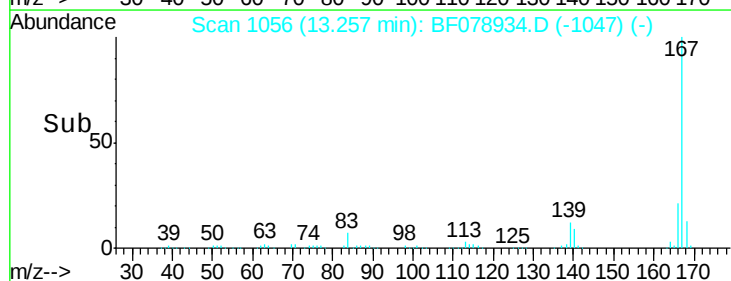
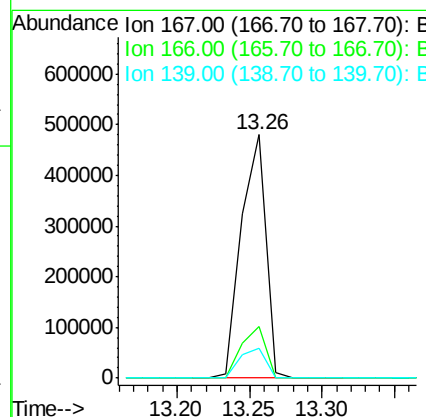
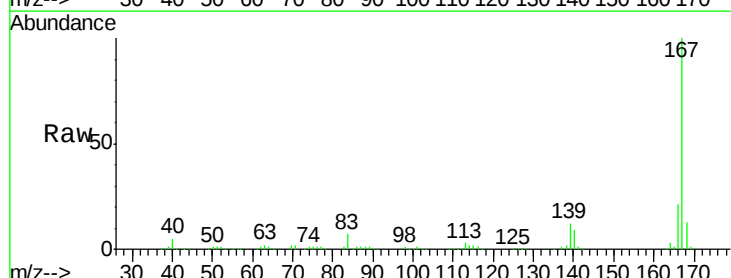
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

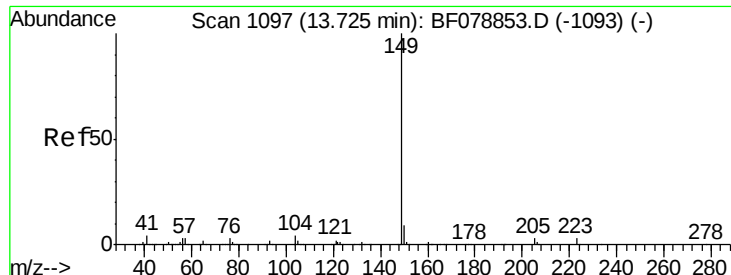
Tgt Ion:178 Resp: 571868
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 42.89 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:167 Resp: 566994
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.8 26.8
 139 12.4 10.6 16.0





#73

Di-n-butylphthalate

Concen: 41.37 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

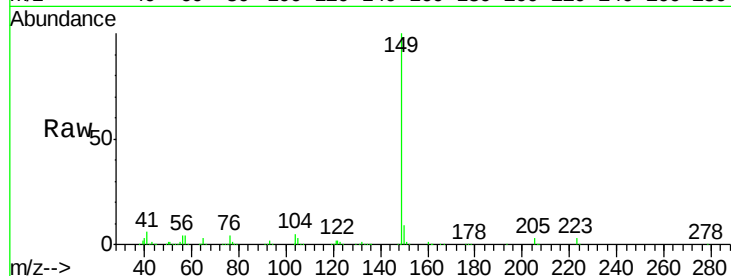
Tgt Ion:149 Resp: 655882

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

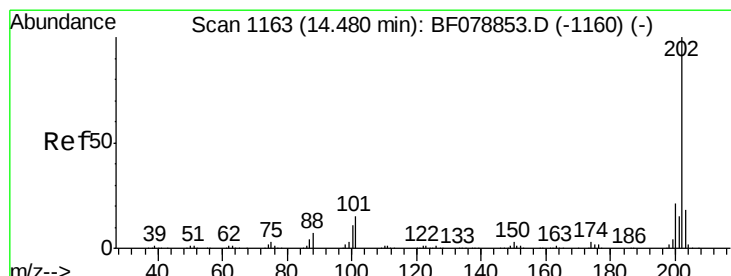
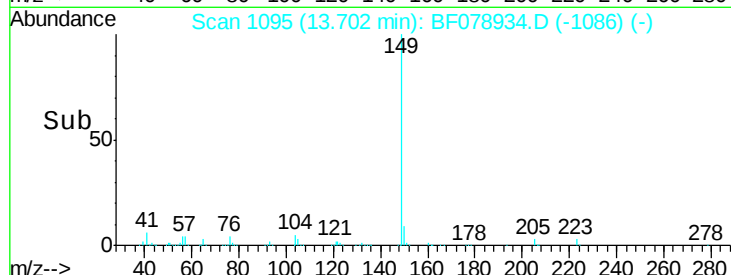
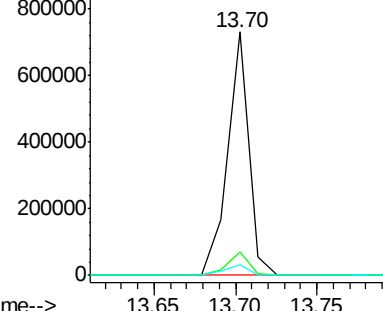
104 4.6 4.6 7.0#



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: 42.22 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

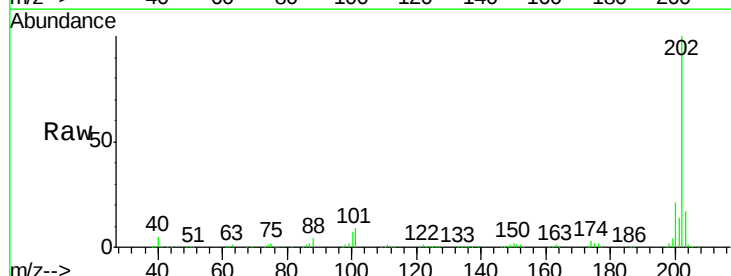
Tgt Ion:202 Resp: 622090

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.6

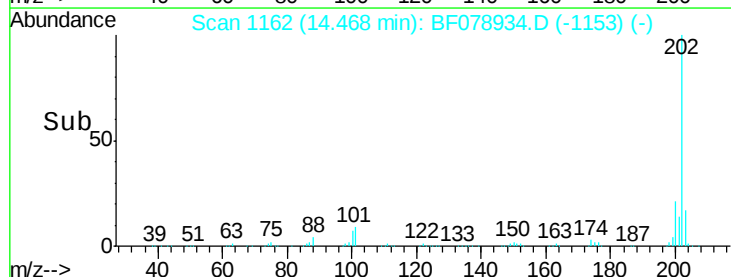
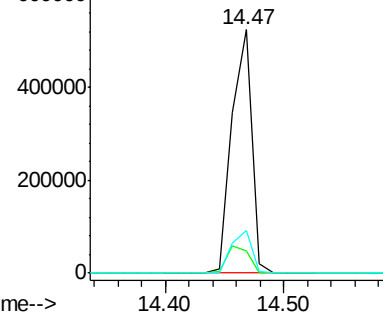
203 17.5 0.0 38.4

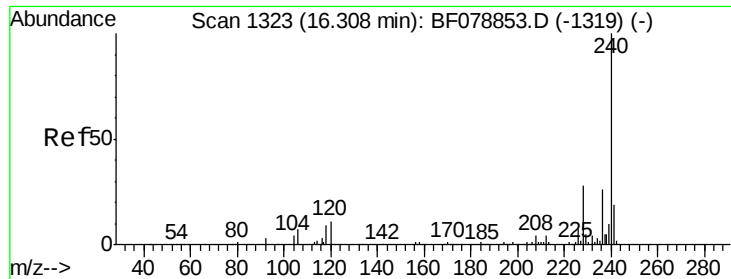


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

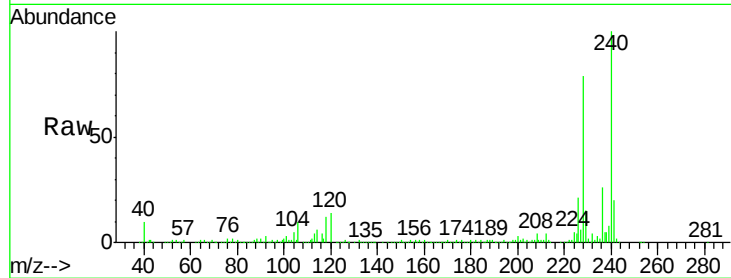
Tgt Ion:240 Resp: 272655

Ion Ratio Lower Upper

240 100

120 14.1 9.7 14.5

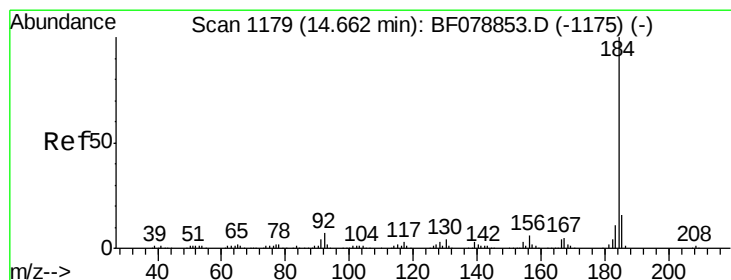
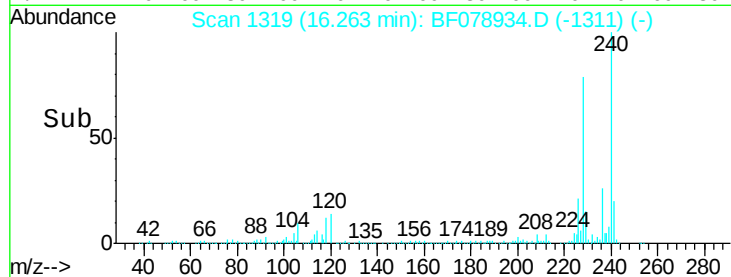
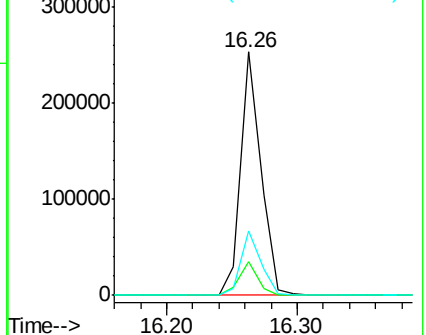
236 26.3 20.2 30.4



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: 31.29 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

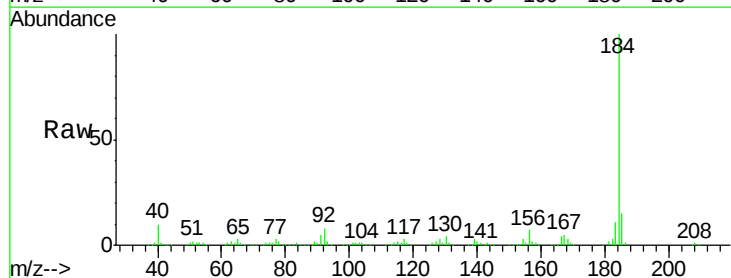
Tgt Ion:184 Resp: 229920

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

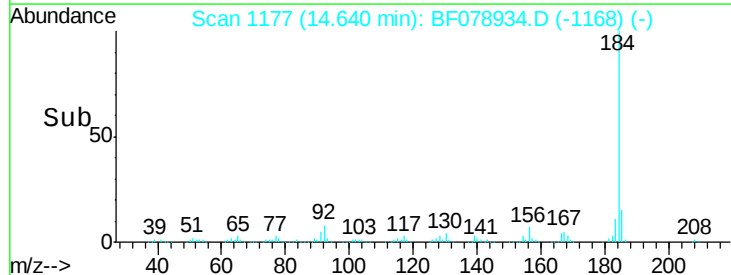
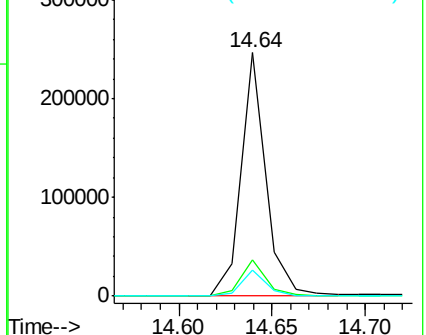
183 10.6 8.4 12.6

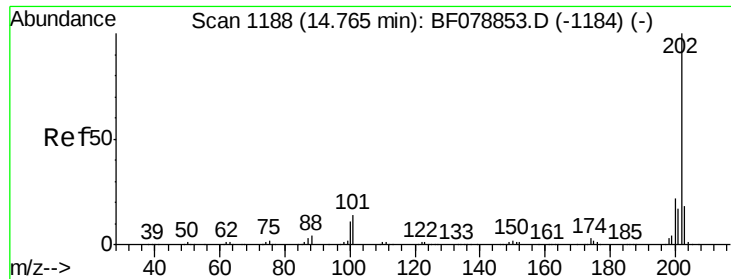


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

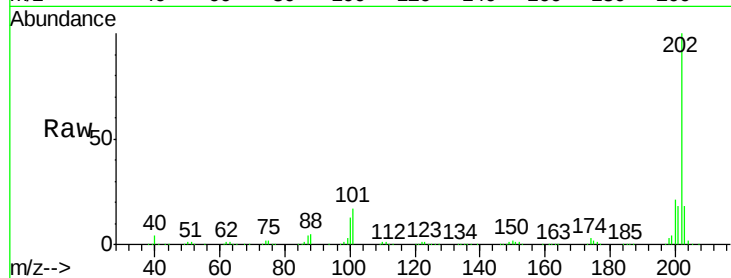




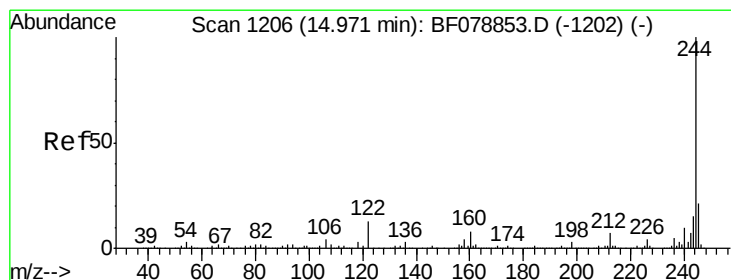
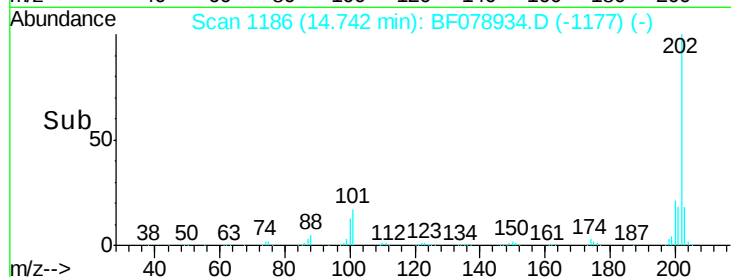
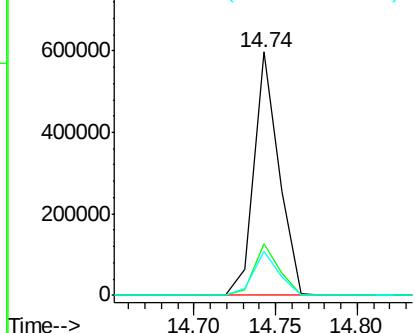
#77
 Pyrene
 Concen: 40.38 ng
 RT: 14.74 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.9	13.9	20.9

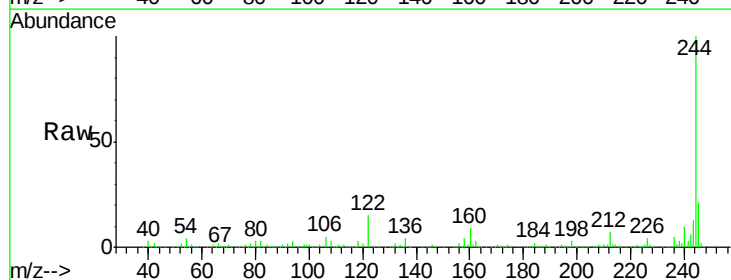


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

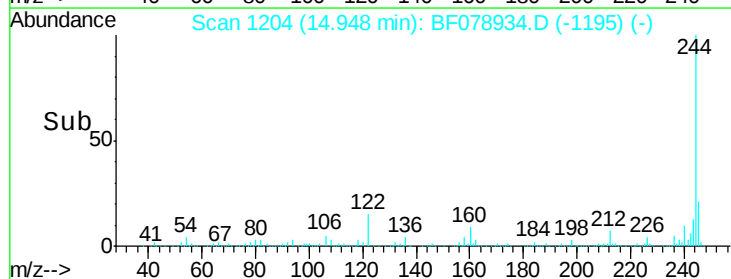
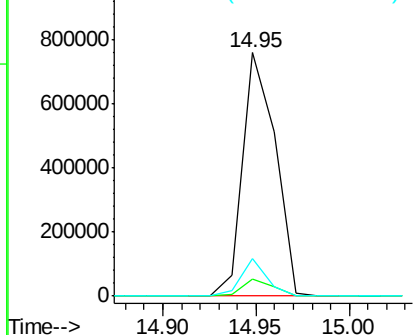


#78
 Terphenyl-d14
 Concen: 81.08 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	15.4	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

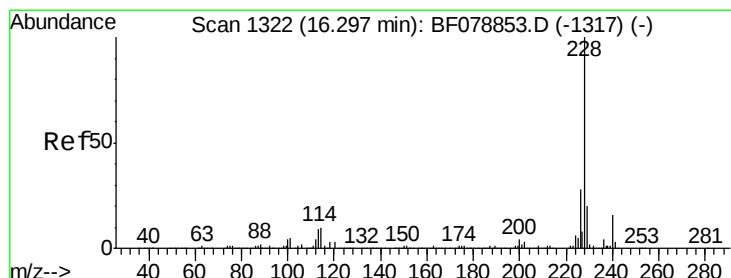
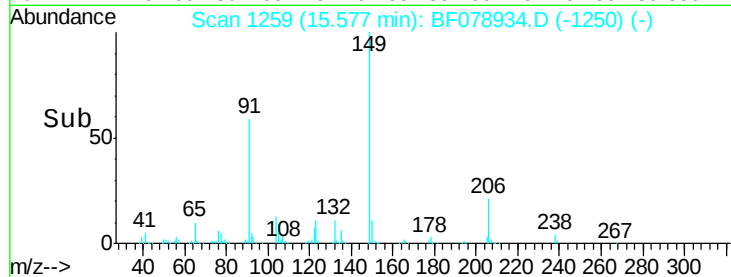
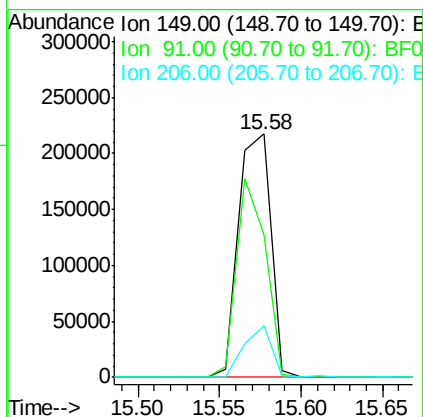
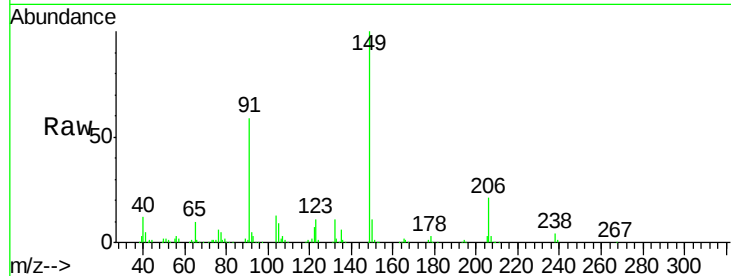




#79
Butylbenzylphthalate
Concen: 43.40 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

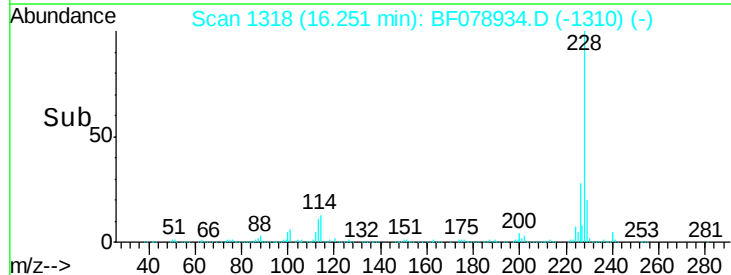
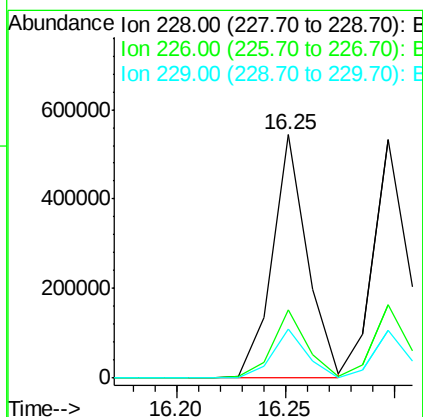
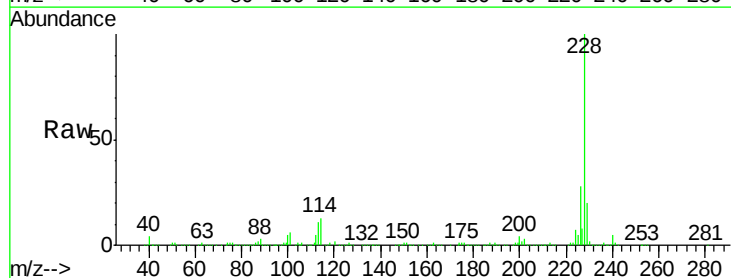
Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.6	64.6	97.0#
206	21.2	12.2	18.4#



#80
Benzo(a)anthracene
Concen: 41.02 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.9	15.9	23.9

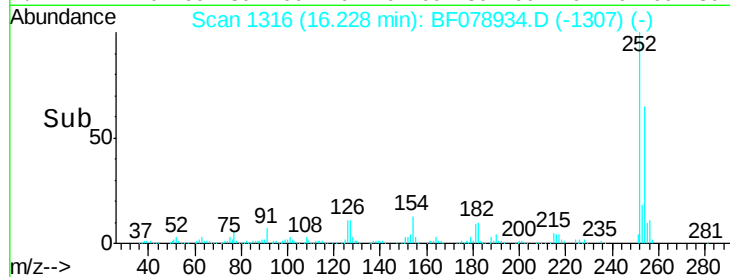
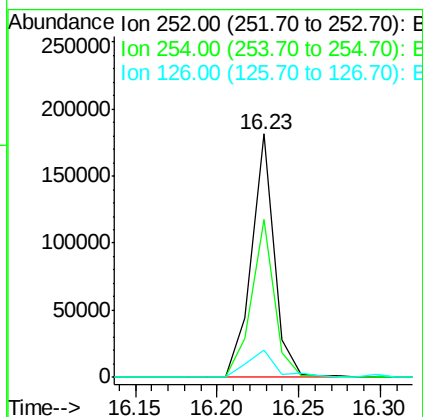
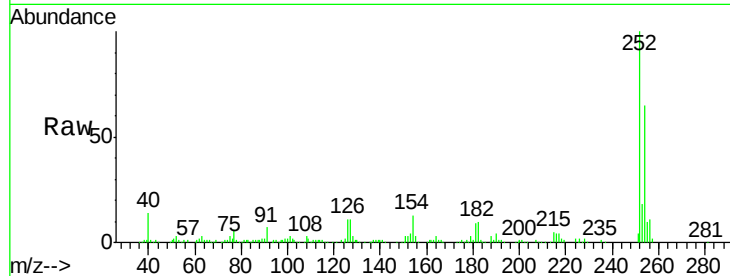




#81
 3,3'-Dichlorobenzidine
 Concen: 33.35 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

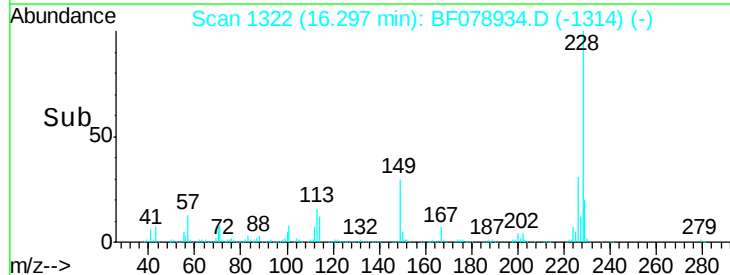
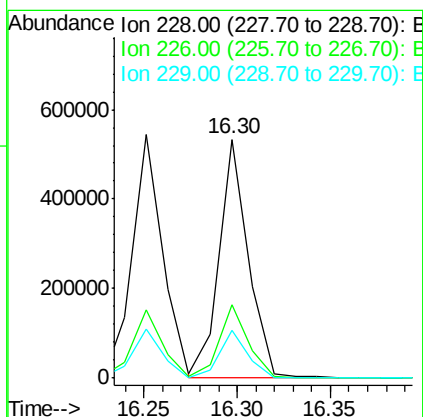
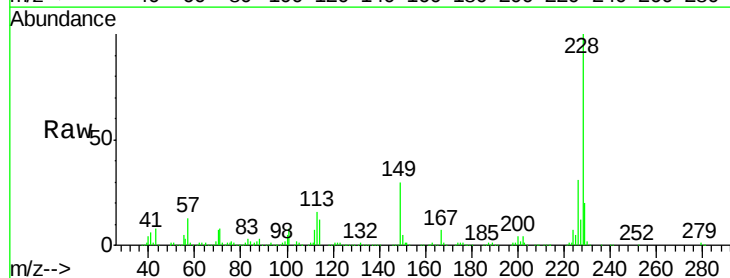
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	11.0	6.6	10.0



#82
 Chrysene
 Concen: 40.33 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.2	16.0	24.0

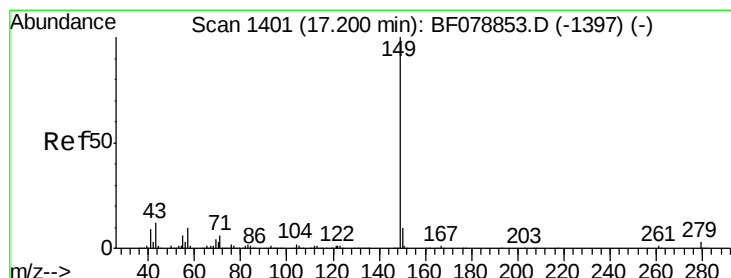
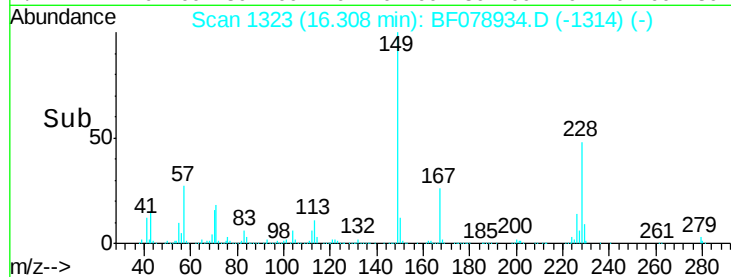
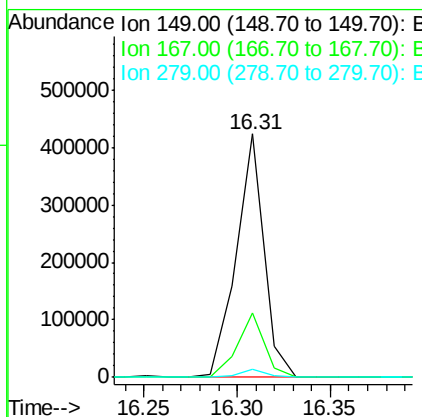
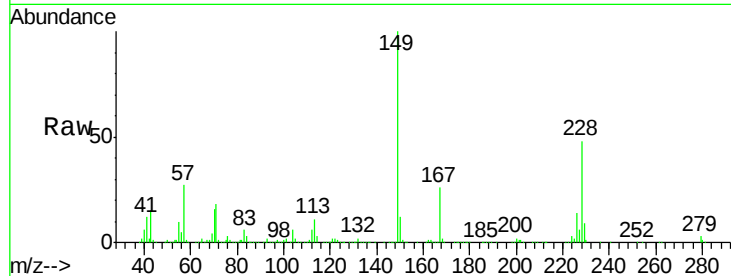




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.42 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

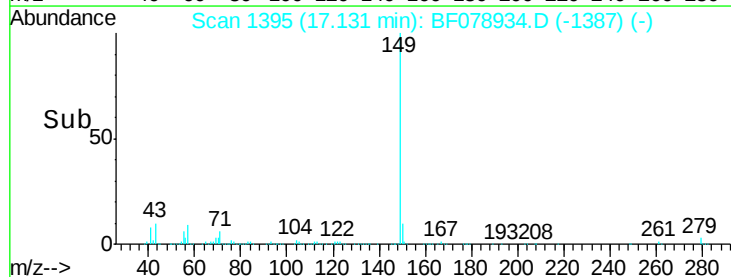
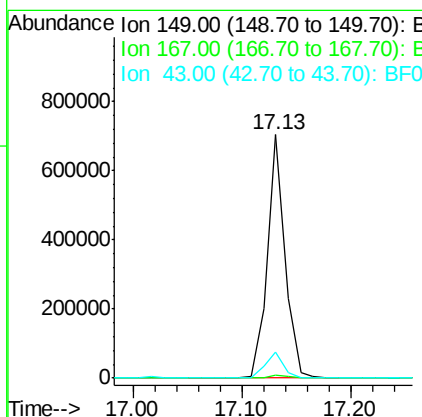
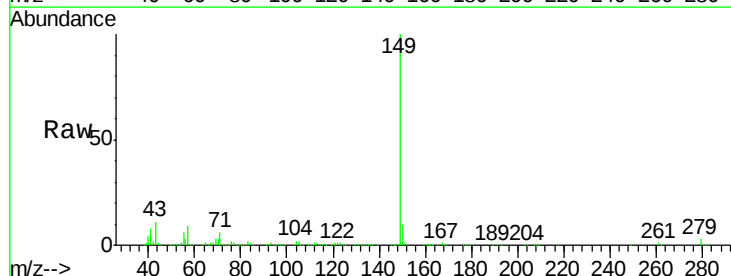
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

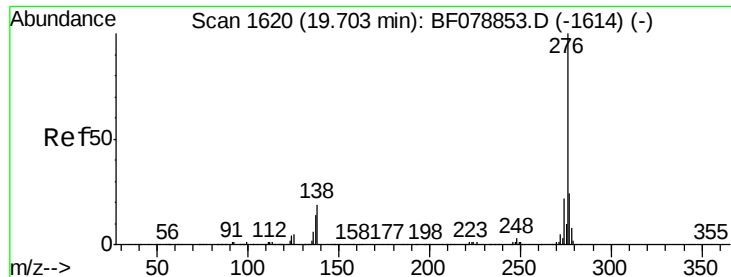
Tgt Ion:149 Resp: 441264
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.8
 279 3.5 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 43.61 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion:149 Resp: 798935
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.4 0.0 0.0#

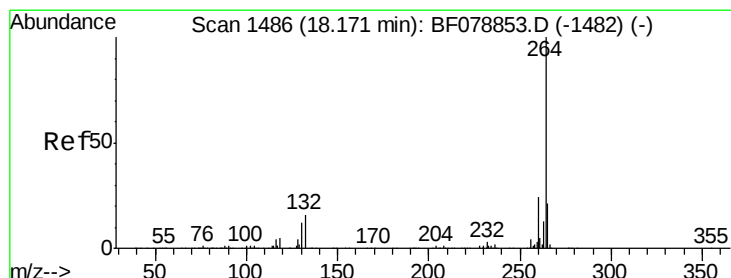
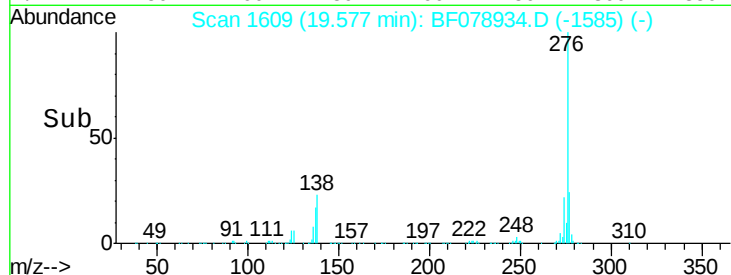
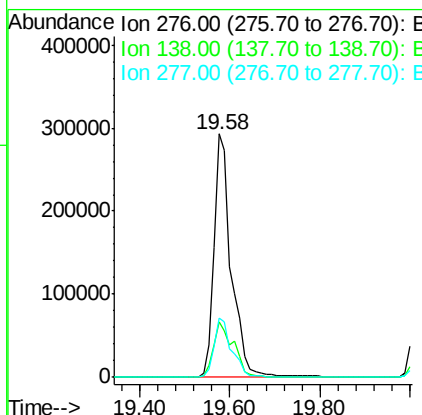
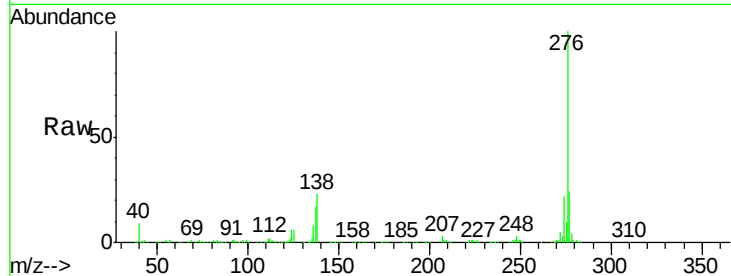




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.01 ng
 RT: 19.58 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

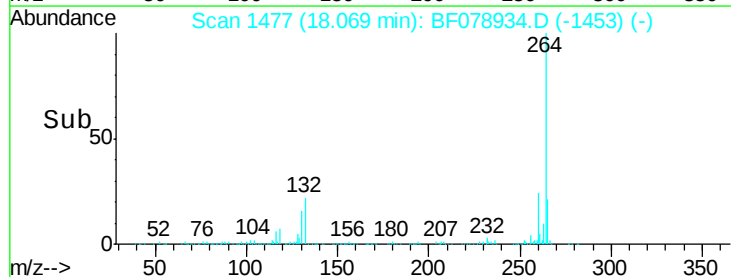
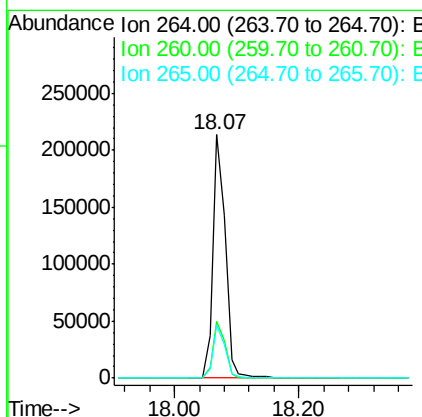
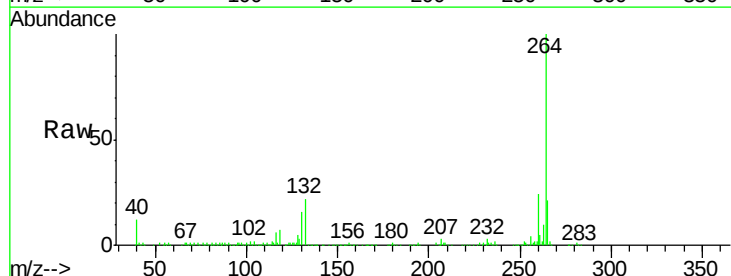
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

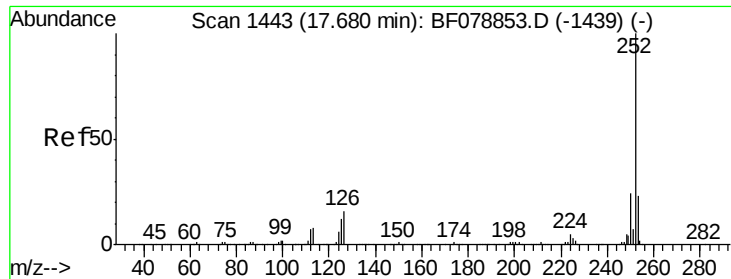
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	25.2	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BF078934.D
 Acq: 5 May 2015 11:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	18.3	27.5

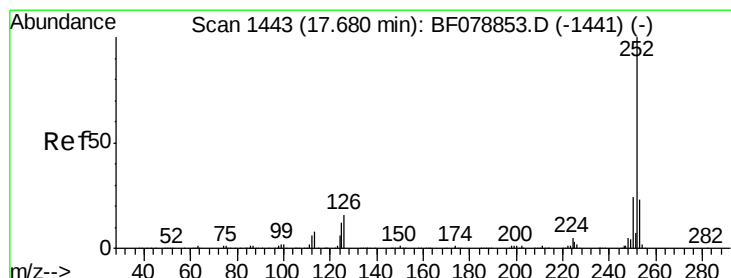
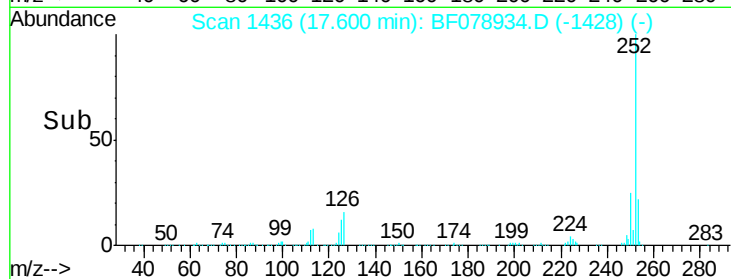
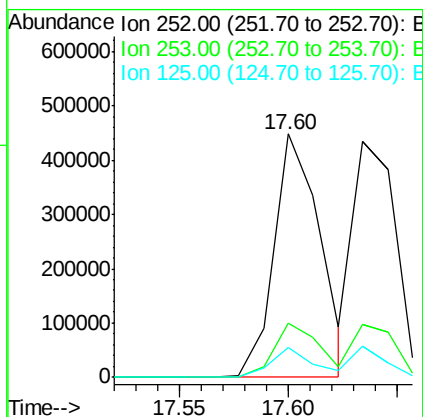
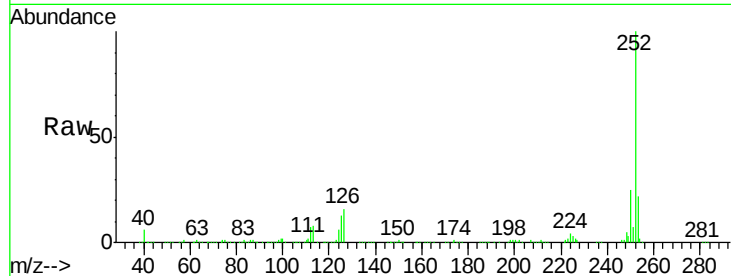




#87
Benzo(b)fluoranthene
Concen: 41.88 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

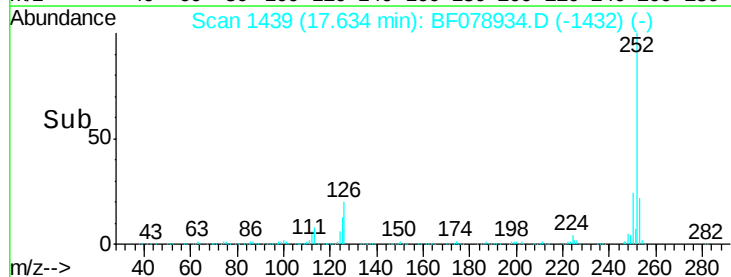
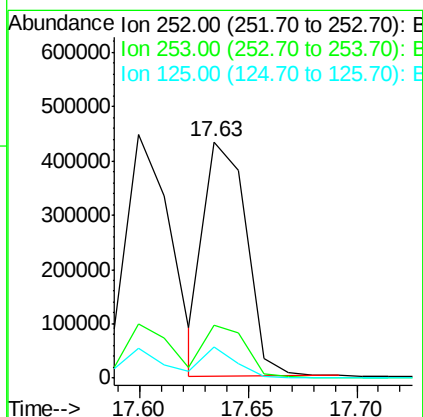
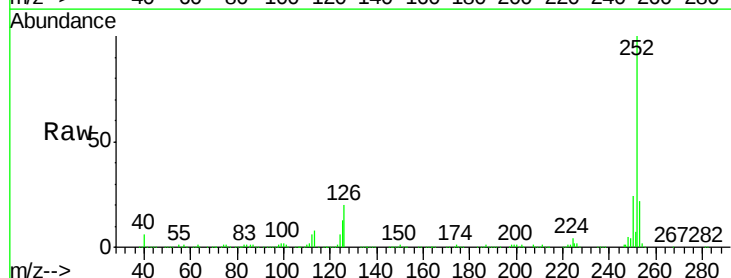
Instrument :
BNA_F
ClientSampleId :
PB83180BS

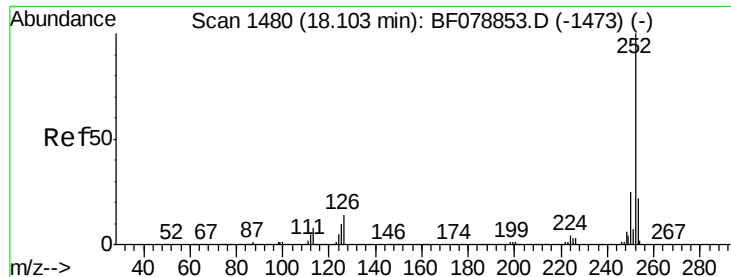
Tgt Ion:252 Resp: 666131
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.5 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 38.07 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF078934.D
Acq: 5 May 2015 11:05

Tgt Ion:252 Resp: 586139
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.0 10.0 15.0





#89

Benzo(a)pyrene

Concen: 42.74 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

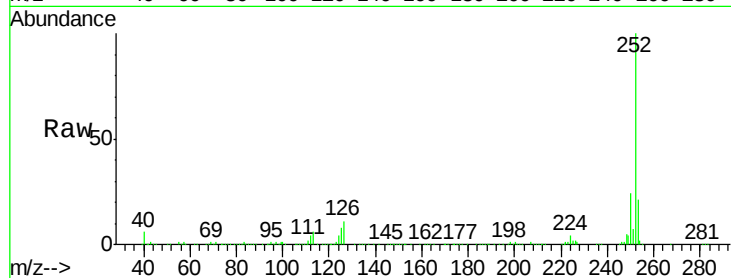
Tgt Ion:252 Resp: 625950

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

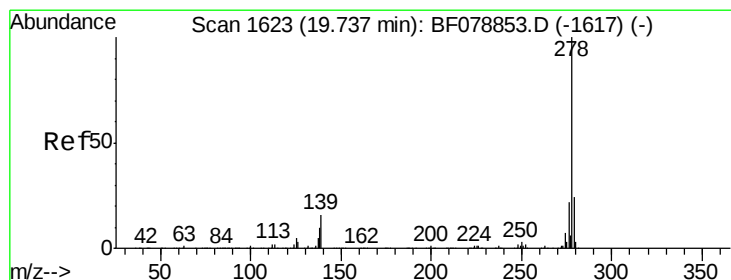
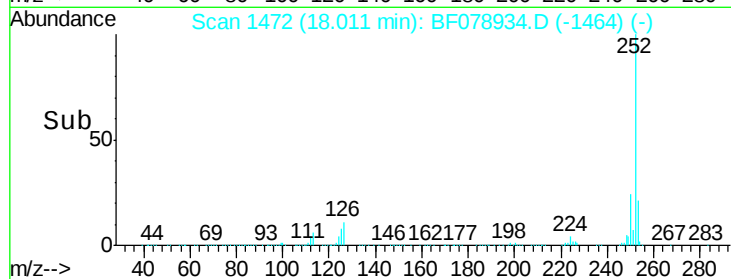
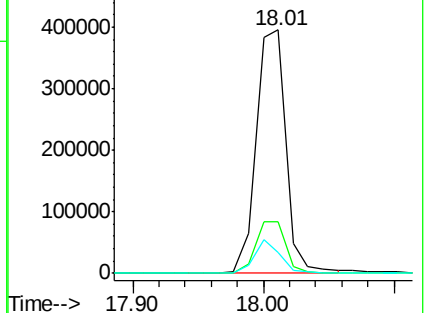
125 8.5 7.0 10.6



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: 40.22 ng

RT: 19.61 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

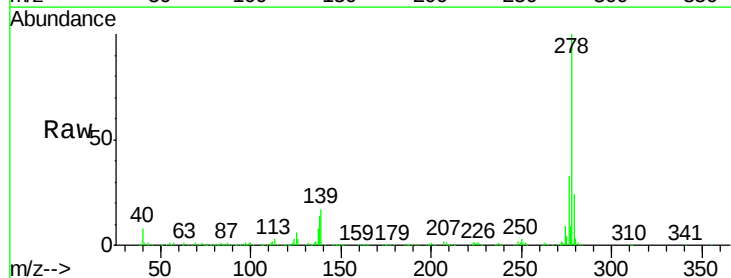
Tgt Ion:278 Resp: 625898

Ion Ratio Lower Upper

278 100

139 17.5 12.8 19.2

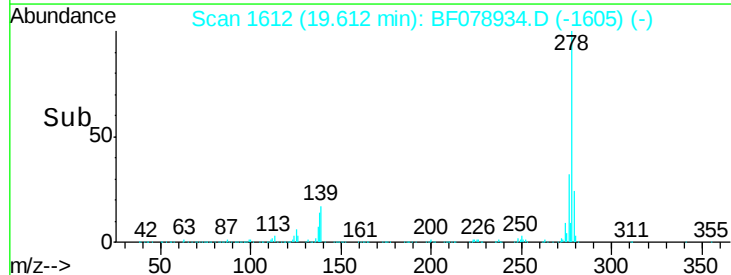
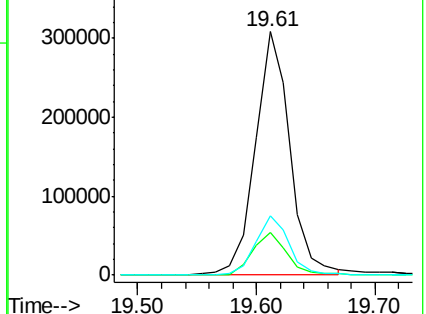
279 24.4 19.6 29.4

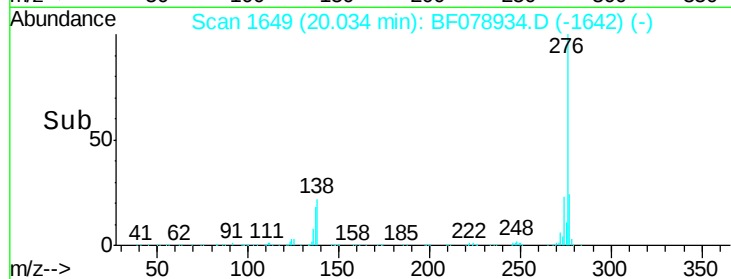
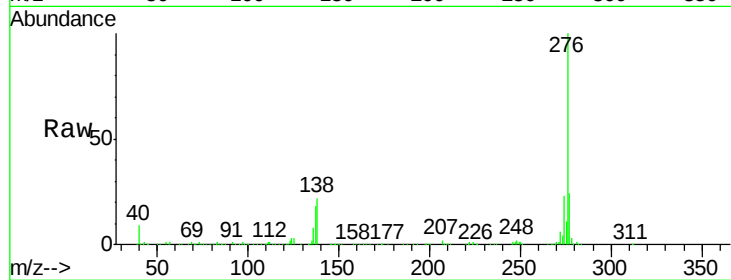
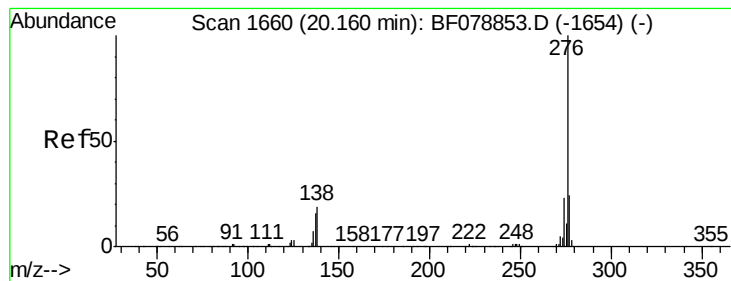


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.93 ng

RT: 20.03 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BF078934.D

Acq: 5 May 2015 11:05

Instrument :

BNA_F

ClientSampleId :

PB83180BS

Tgt Ion: 276 Resp: 638530

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 22.0 17.4 26.0

