

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078851.D
 Acq On : 30 Apr 2015 16:04
 Operator : TP/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 17:37:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 17:23:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	83883	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	349550	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	171033	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	314177	20.00	ng	0.00
75) Chrysene-d12	16.29	240	339939	20.00	ng	-0.01
86) Perylene-d12	18.09	264	349971	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	560618	122.75	ng	0.00
7) Phenol-d6	6.92	99	766692	125.70	ng	0.00
23) Nitrobenzene-d5	8.07	82	738523	152.12	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	221818	149.15	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	1326614	106.22	ng	0.00
78) Terphenyl-d14	14.97	244	1530924	107.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	128340	61.25	ng	# 24
3) Pyridine	3.10	79	389030	62.87	ng	95
4) n-Nitrosodimethylamine	3.03	42	164880	59.31	ng	94
6) Aniline	6.96	93	521803	58.57	ng	95
8) 2-Chlorophenol	7.11	128	323985	61.72	ng	88
9) Benzaldehyde	6.82	77	244817	55.62	ng	94
10) Phenol	6.94	94	458076	63.54	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	316985	59.45	ng	91
12) 1,3-Dichlorobenzene	7.30	146	352943	57.90	ng	# 90
13) 1,4-Dichlorobenzene	7.39	146	365822	58.62	ng	97
14) 1,2-Dichlorobenzene	7.58	146	333643	57.22	ng	97
15) Benzyl Alcohol	7.55	79	285258	62.76	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.72	45	479927	57.58	ng	99
17) 2-Methylphenol	7.69	107	266183	62.64	ng	96
18) Hexachloroethane	8.00	117	127738	61.97	ng	93
19) n-Nitroso-di-n-propylamine	7.88	70	245702	57.73	ng	92
20) 3+4-Methylphenols	7.88	107	356673	64.43	ng	# 75
22) Acetophenone	7.87	105	435075	56.18	ng	# 88
24) Nitrobenzene	8.09	77	355926	68.46	ng	# 87
25) Isophorone	8.39	82	674257	61.43	ng	# 93
26) 2-Nitrophenol	8.48	139	163092	118.83	ng	# 90
27) 2,4-Dimethylphenol	8.54	122	304095	62.46	ng	97
28) bis(2-Chloroethoxy)methane	8.66	93	420224	62.00	ng	99
29) 2,4-Dichlorophenol	8.78	162	262714	63.13	ng	95
30) 1,2,4-Trichlorobenzene	8.88	180	280934	58.78	ng	95
31) Naphthalene	8.97	128	935221	56.37	ng	99
32) Benzoic acid	8.64	122	183072	123.89	ng	97
33) 4-Chloroaniline	9.05	127	406614	58.24	ng	# 92
34) Hexachlorobutadiene	9.13	225	159860	59.28	ng	97
35) Caprolactam	9.48	113	84375	63.67	ng	99
36) 4-Chloro-3-methylphenol	9.64	107	288378	66.00	ng	95
37) 2-Methylnaphthalene	9.84	142	670249	60.05	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	273315	56.40	ng	# 100
40) Hexachlorocyclopentadiene	10.03	237	144148	70.76	ng	96

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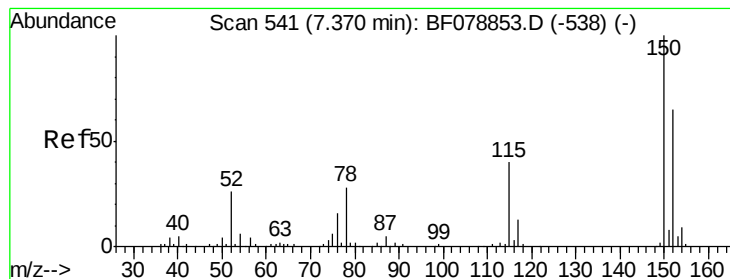
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 17:37:36 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	10.18	196	194343	65.82	nq	96
43) 2,4,5-Trichlorophenol	10.23	196	200639	63.84	nq	# 89
45) 1,1'-Biphenyl	10.42	154	769726	56.08	nq	97
46) 2-Chloronaphthalene	10.44	162	599517	55.89	nq	93
47) 2-Nitroaniline	10.57	65	184278	78.65	nq	# 69
48) Acenaphthylene	10.95	152	970381	55.28	nq	100
49) Dimethylphthalate	10.81	163	697046	57.33	nq	99
50) 2,6-Dinitrotoluene	10.88	165	150900	76.18	nq	# 68
51) Acenaphthene	11.16	154	566583	54.96	nq	100
52) 3-Nitroaniline	11.07	138	175229	68.18	nq	# 79
53) 2,4-Dinitrophenol	11.21	184	50495	183.57	nq	# 75
54) Dibenzofuran	11.38	168	818750	54.14	nq	98
55) 4-Nitrophenol	11.28	139	150312	85.29	nq	94
56) 2,4-Dinitrotoluene	11.37	165	202402	88.55	nq	# 71
57) Fluorene	11.80	166	684078	56.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.53	232	159315	67.69	nq	# 100
59) Diethylphthalate	11.68	149	686530	56.74	nq	97
60) 4-Chlorophenyl-phenylether	11.82	204	308866	57.42	nq	95
61) 4-Nitroaniline	11.84	138	190544	72.91	nq	88
62) Azobenzene	12.01	77	694645	56.31	nq	96
64) 4,6-Dinitro-2-methylphenol	11.87	198	85730	172.69	nq	# 64
65) n-Nitrosodiphenylamine	11.96	169	623611	61.39	nq	98
66) 4-Bromophenyl-phenylether	12.42	248	191082	60.25	nq	# 92
67) Hexachlorobenzene	12.49	284	215704	60.04	nq	# 74
68) Atrazine	12.64	200	185207	68.08	nq	93
69) Pentachlorophenol	12.73	266	122958	82.21	nq	97
70) Phenanthrene	13.01	178	1016907	59.78	nq	100
71) Anthracene	13.07	178	1000175	60.14	nq	99
72) Carbazole	13.27	167	924154	58.84	nq	98
73) Di-n-butylphthalate	13.73	149	1206206	66.30	nq	# 97
74) Fluoranthene	14.48	202	1061299	62.56	nq	99
76) Benzidine	14.66	184	578252	52.55	nq	98
77) Pyrene	14.77	202	1118967	56.34	nq	99
79) Butylbenzylphthalate	15.59	149	536010	70.38	nq	99
80) Benzo(a)anthracene	16.27	228	1056007	57.90	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	408575	65.82	nq	98
82) Chrysene	16.32	228	978986	55.07	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	811208	66.35	nq	99
84) Di-n-octyl phthalate	17.15	149	1391506	77.40	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.62	276	1371864	68.02	nq	# 100
87) Benzo(b)fluoranthene	17.62	252	1138304	60.09	nq	99
88) Benzo(k)fluoranthene	17.66	252	1017453	55.42	nq	99
89) Benzo(a)pyrene	18.03	252	1019930	60.17	nq	99
90) Dibenzo(a,h)anthracene	19.66	278	1112637	63.38	nq	99
91) Benzo(g,h,i)perylene	20.08	276	1113563	63.20	nq	97

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

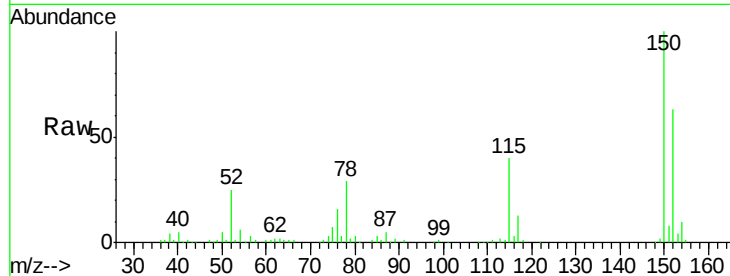


#1

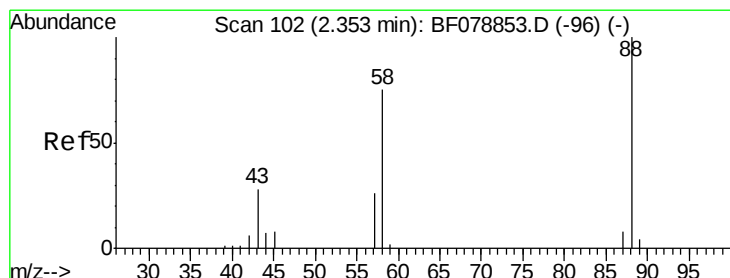
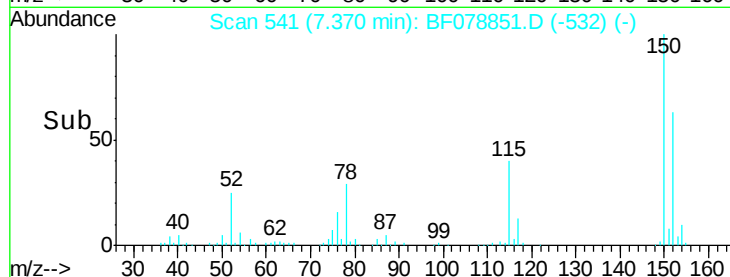
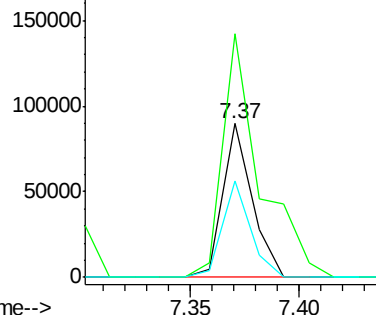
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83883
Ion Ratio Lower Upper
152 100
150 158.4 122.0 183.0
115 62.8 46.3 69.5



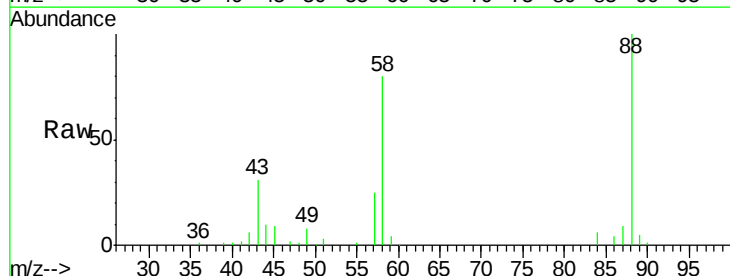
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



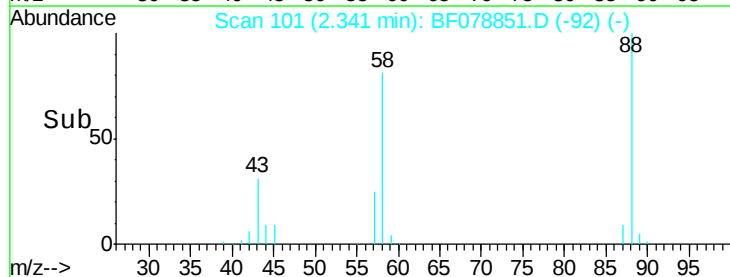
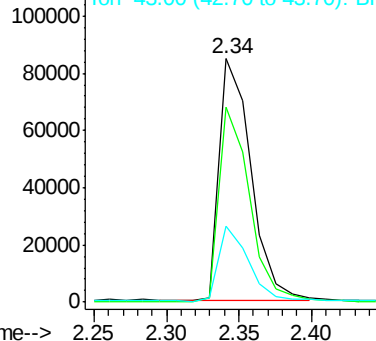
#2

1,4-Dioxane
Concen: 61.25 ng
RT: 2.34 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion: 88 Resp: 128340
Ion Ratio Lower Upper
88 100
58 77.8 0.0 0.0#
43 29.1 3.3 4.9#



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





#3

Pvridine

Concen: 62.87 ng

RT: 3.10 min Scan# 167

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

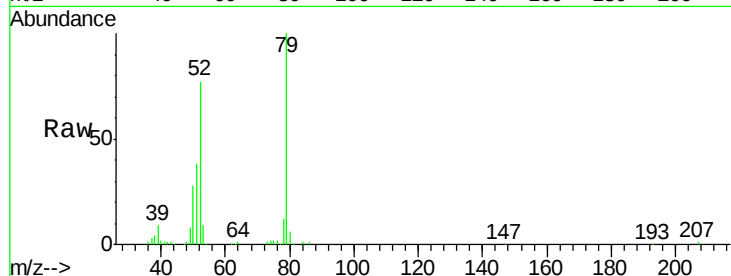
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 389030

Ion	Ratio	Lower	Upper
79	100		
52	76.8	57.2	85.8
51	38.0	28.9	43.3

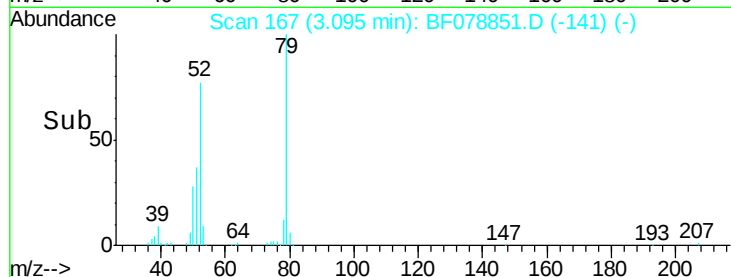


Abundance

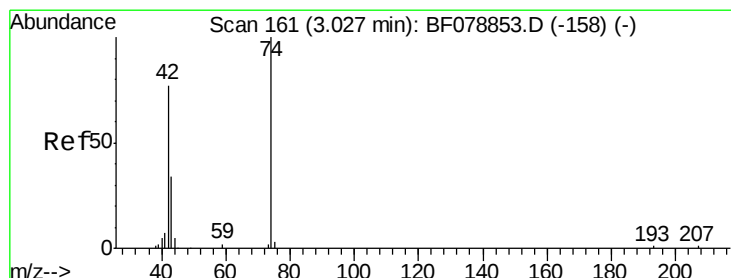
Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 59.31 ng

RT: 3.03 min Scan# 161

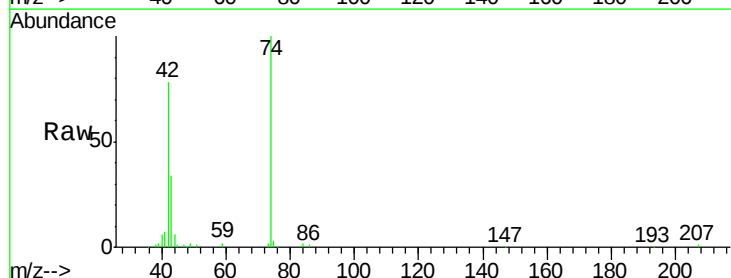
Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Tgt Ion: 42 Resp: 164880

Ion	Ratio	Lower	Upper
42	100		
74	128.3	96.5	144.7
44	7.5	6.1	9.1

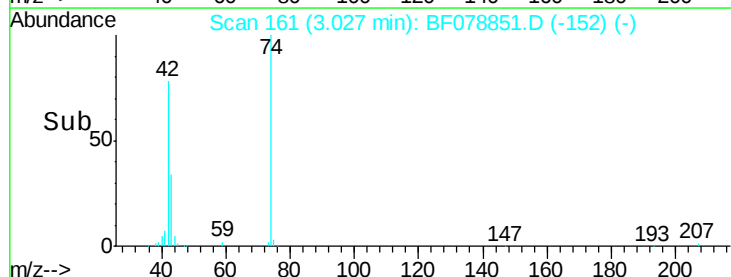


Abundance

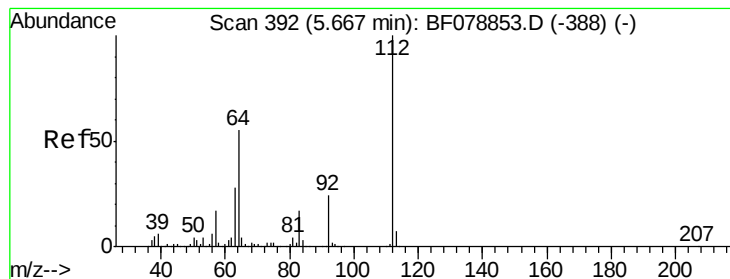
Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 122.75 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078851.D

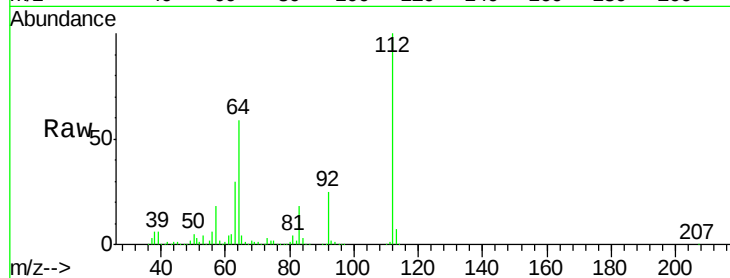
Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	560618
Ion	Ratio	Lower	Upper
112	100		
64	59.3	53.5	80.3
63	30.5	27.5	41.3

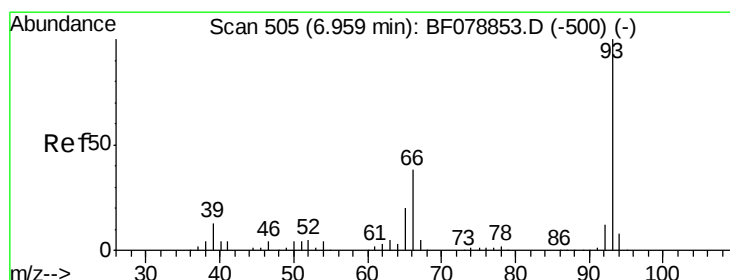
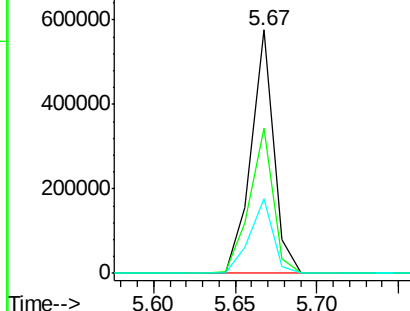
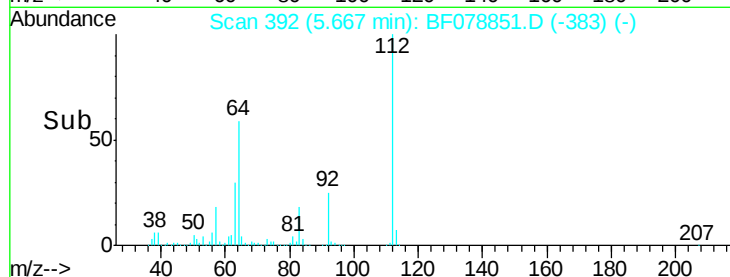


Abundance Ion 112.00 (111.70 to 112.70): BF078851.D (-388) (-)

Ion 64.00 (63.70 to 64.70): BF078851.D (-388) (-)

Ion 63.00 (62.70 to 63.70): BF078851.D (-388) (-)

Time-->



#6

Aniline

Concen: 58.57 ng

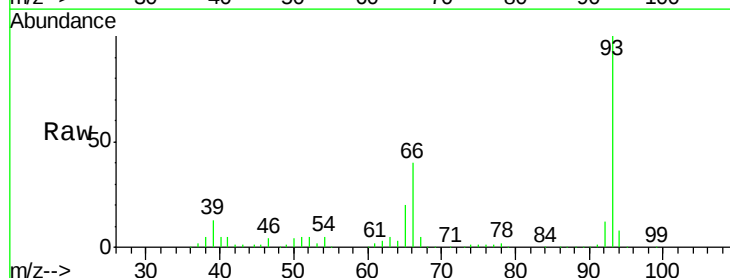
RT: 6.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Tgt Ion:	93	Resp:	521803
Ion	Ratio	Lower	Upper
93	100		
66	40.0	29.7	44.5
65	20.3	14.6	22.0

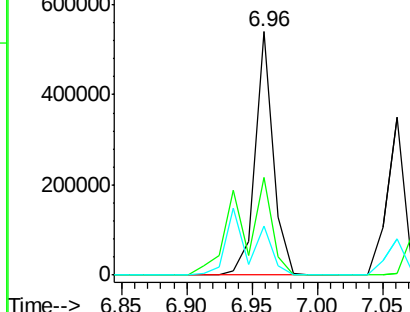
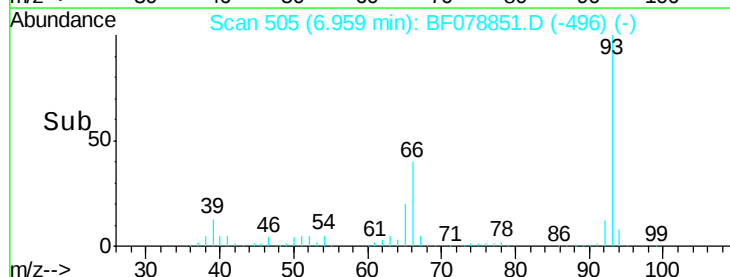


Abundance Ion 93.00 (92.70 to 93.70): BF078851.D (-496) (-)

Ion 66.00 (65.70 to 66.70): BF078851.D (-496) (-)

Ion 65.00 (64.70 to 65.70): BF078851.D (-496) (-)

Time-->





#7

Phenol-d6

Concen: 125.70 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

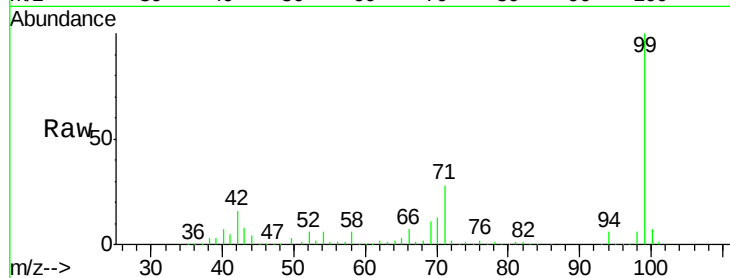
Tot Ion: 99 Resp: 766692

Ion Ratio Lower Upper

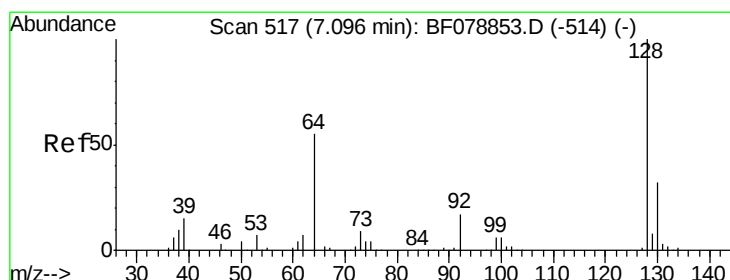
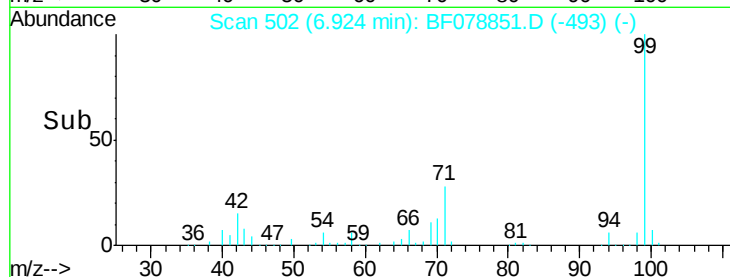
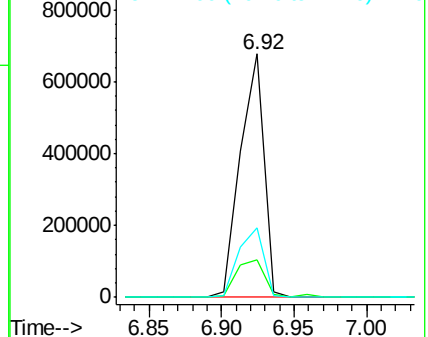
99 100

42 15.5 12.8 19.2

71 28.4 23.4 35.2



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



#8

2-Chlorophenol

Concen: 61.72 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

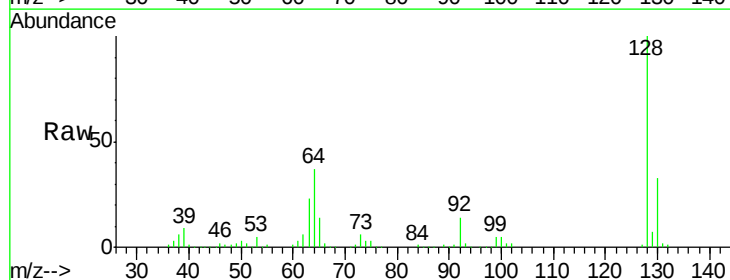
Tgt Ion: 128 Resp: 323985

Ion Ratio Lower Upper

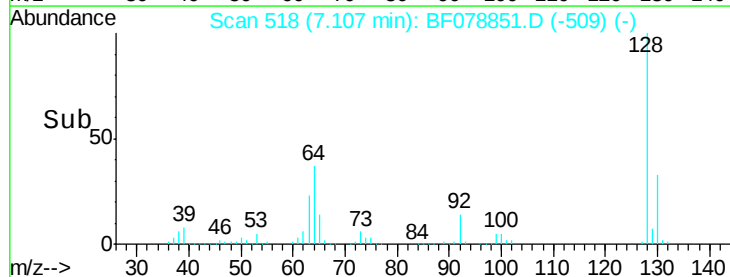
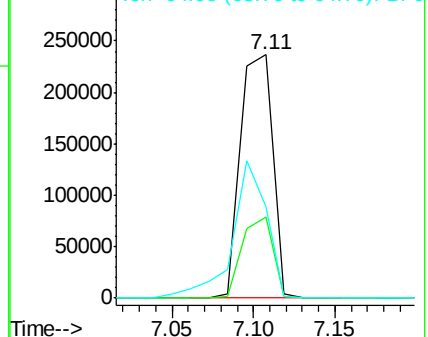
128 100

130 33.2 12.1 52.1

64 37.3 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: 55.62 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampled :

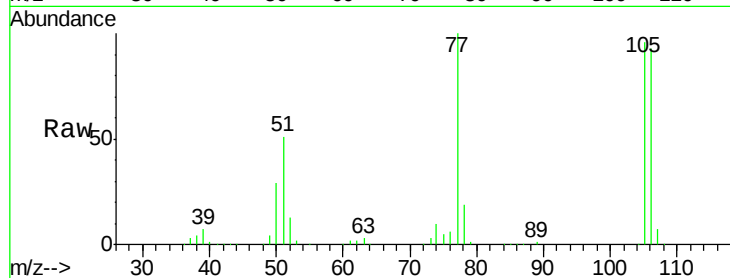
Tot Ion: 77 Resp: 244817

Ion Ratio Lower Upper

77 100

105 96.0 81.7 121.7

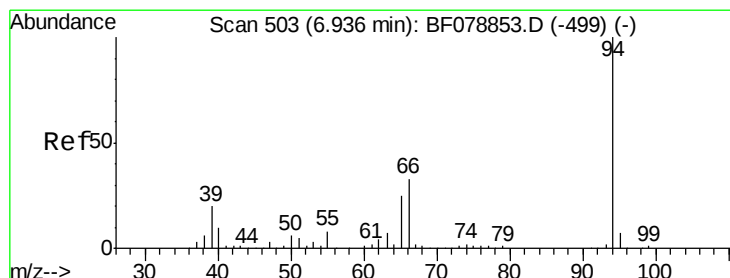
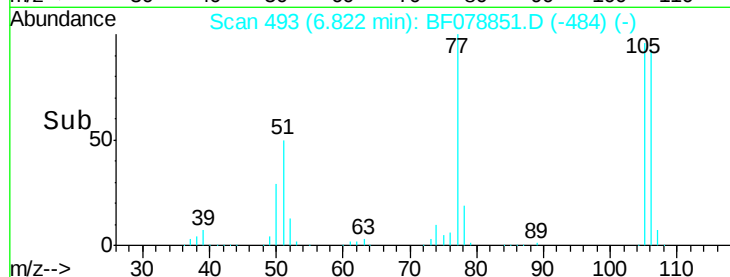
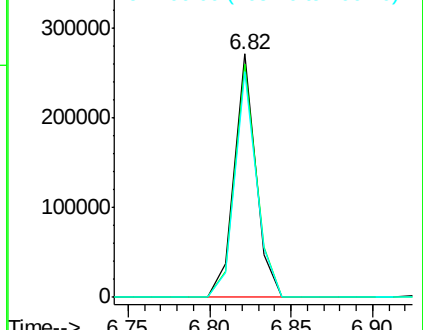
106 92.6 79.0 119.0



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: 63.54 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

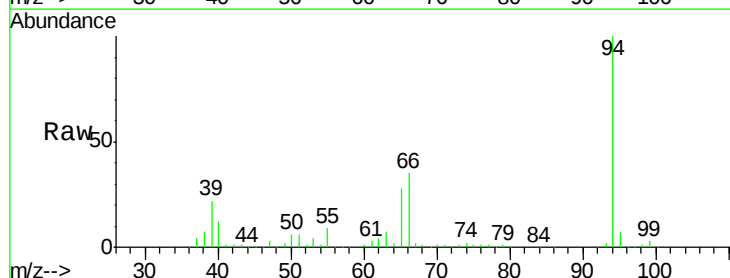
Tgt Ion: 94 Resp: 458076

Ion Ratio Lower Upper

94 100

65 27.9 8.5 48.5

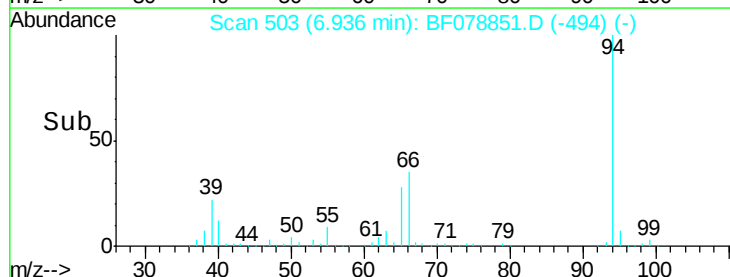
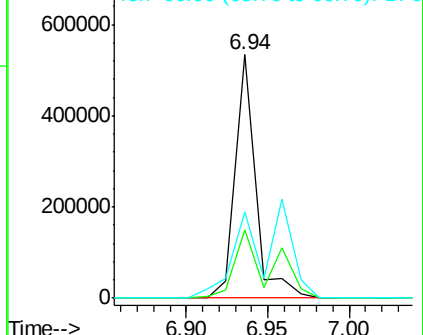
66 35.2 16.0 56.0

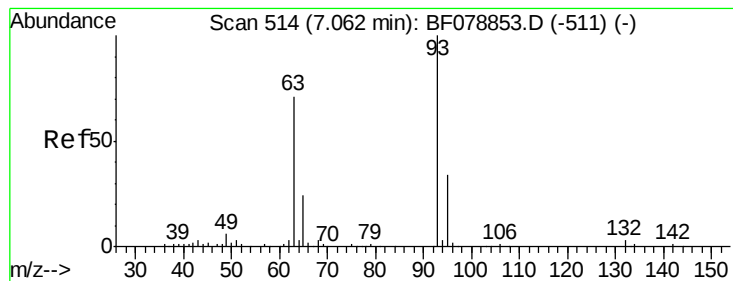


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

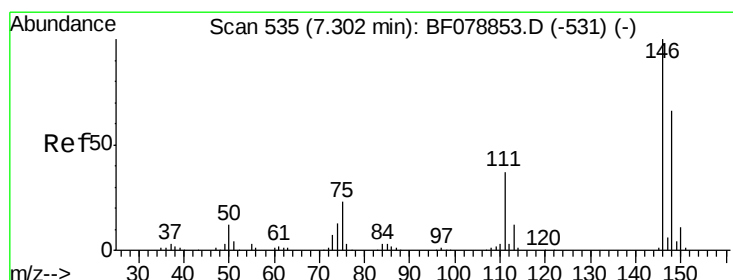
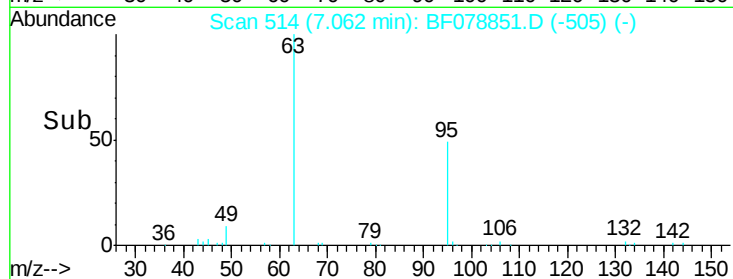
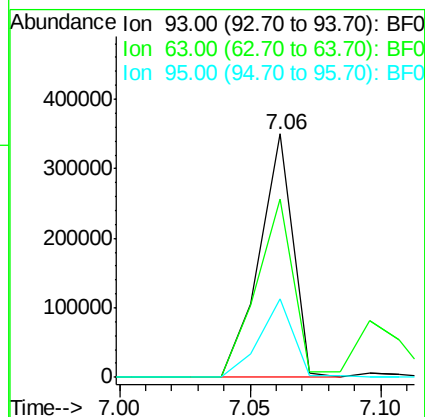
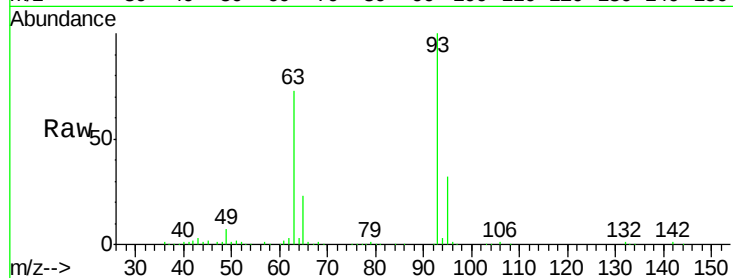




#11
bis(2-Chloroethyl)ether
Concen: 59.45 ng
RT: 7.06 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

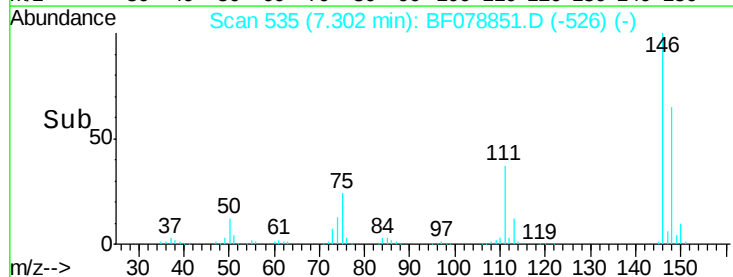
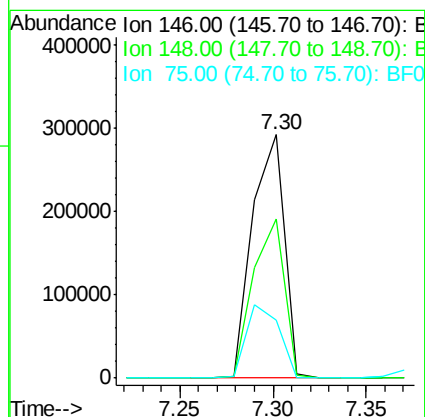
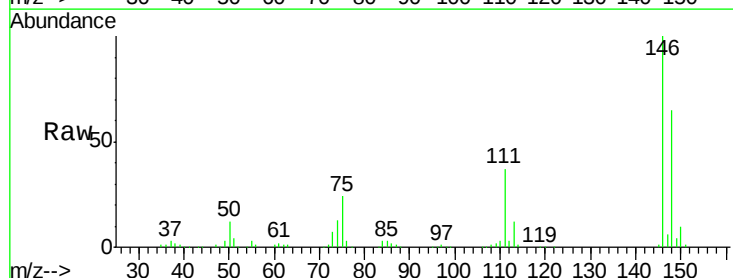
Instrument :
BNA_F
ClientSampleId :

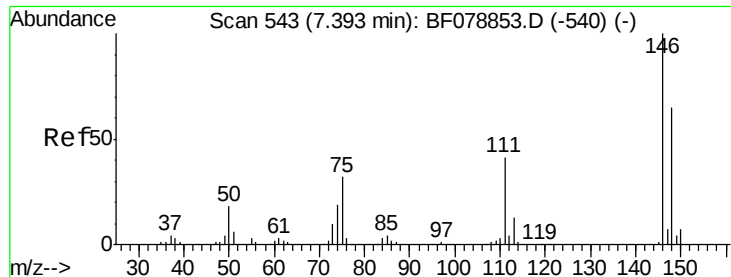
Tot Ion	93	Resp	316985
Ion Ratio	Lower	Upper	
93	100		
63	73.5	64.8	104.8
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 57.90 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion	146	Resp	352943
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
75	23.7	29.2	43.8#

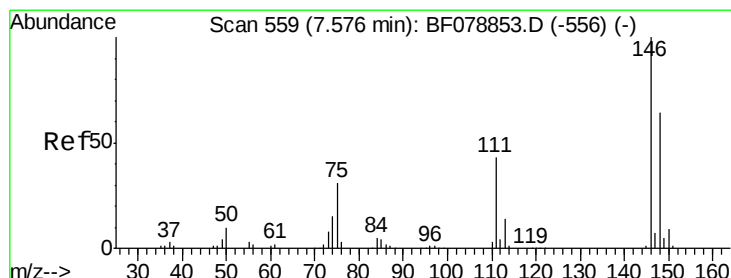
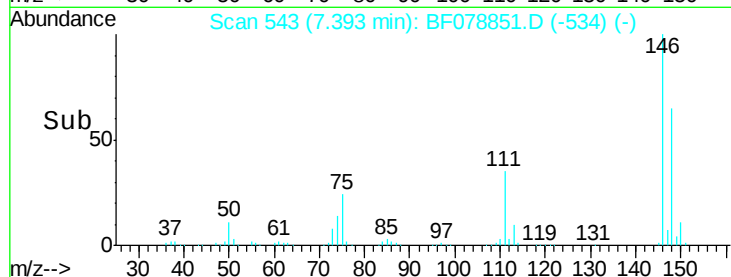
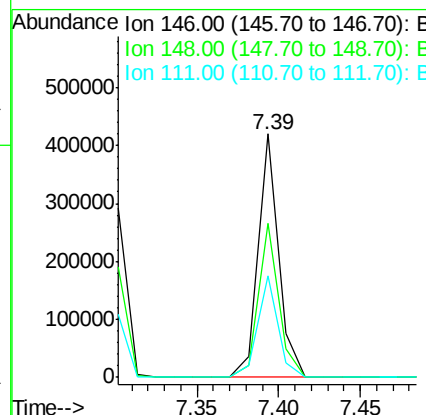
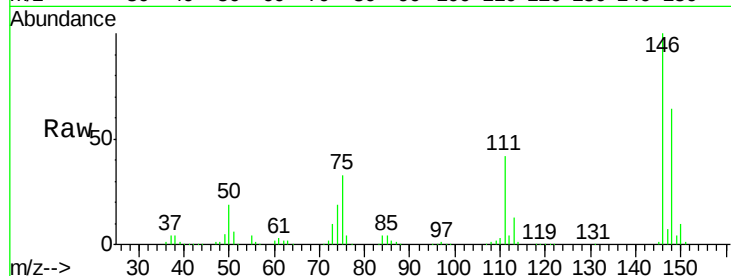




#13
 1,4-Dichlorobenzene
 Concen: 58.62 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

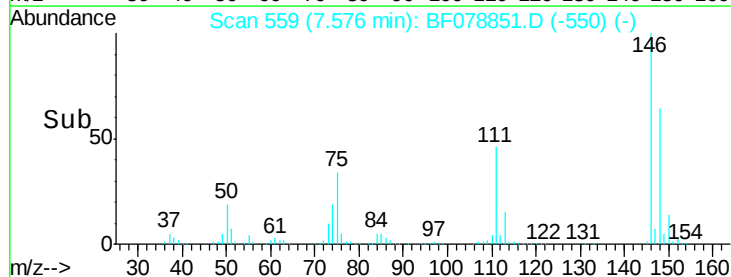
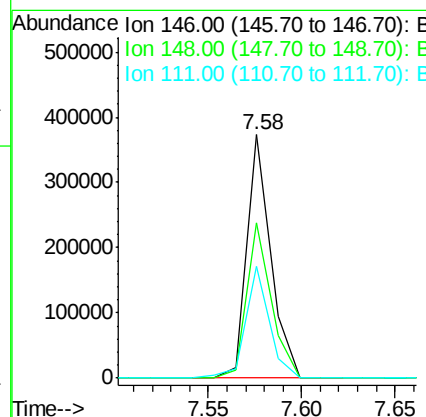
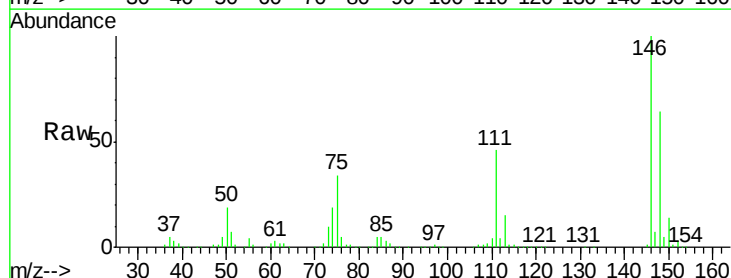
Instrument :
 BNA_F
 ClientSampleId :

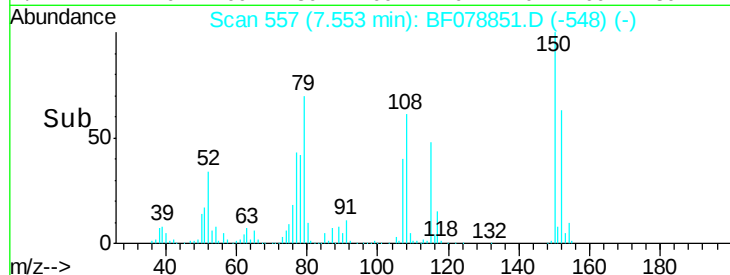
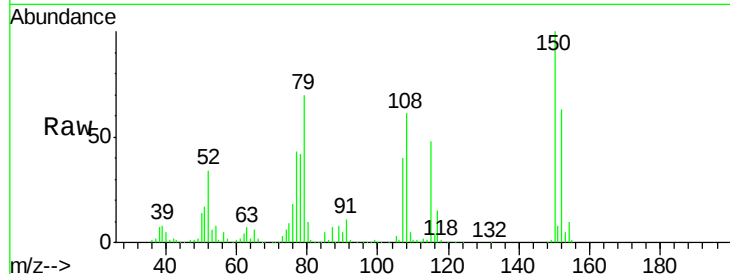
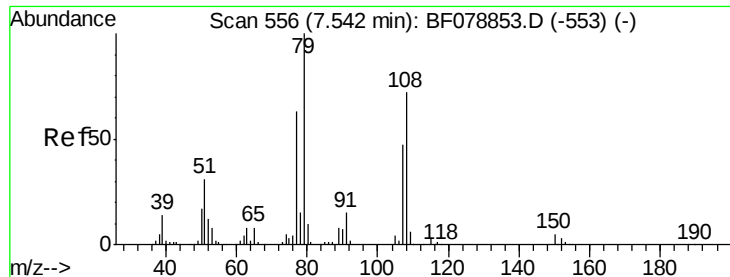
Tot Ion:146 Resp: 365822
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 41.7 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 57.22 ng
 RT: 7.58 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

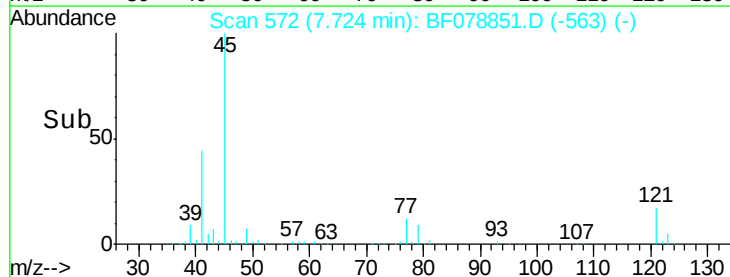
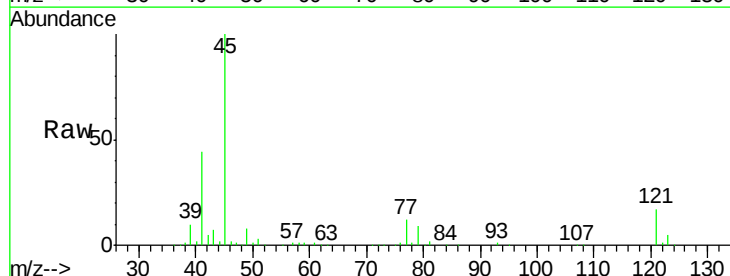
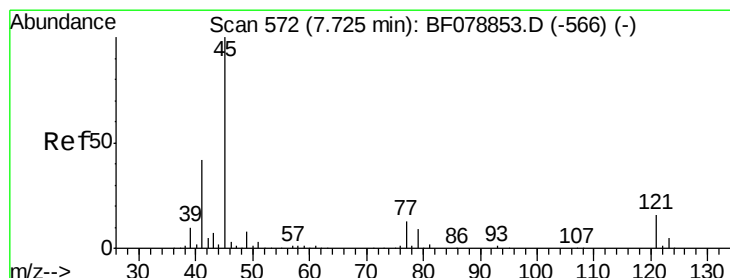
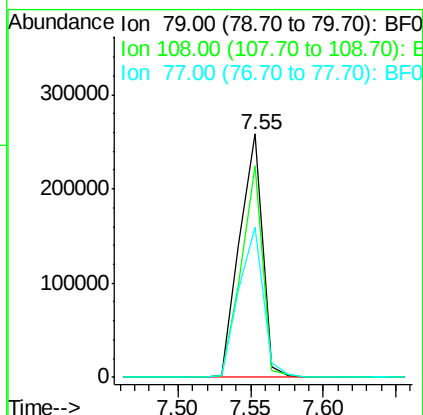
Tgt Ion:146 Resp: 333643
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 45.8 33.3 49.9





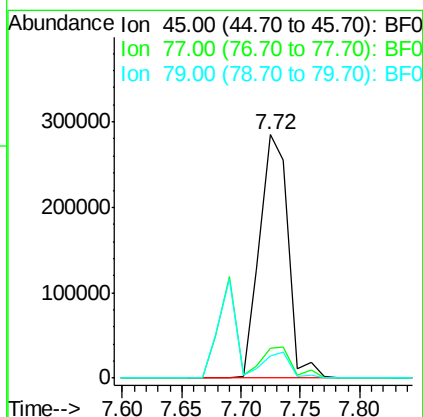
#15
Benzyl Alcohol
Concen: 62.76 ng
RT: 7.55 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

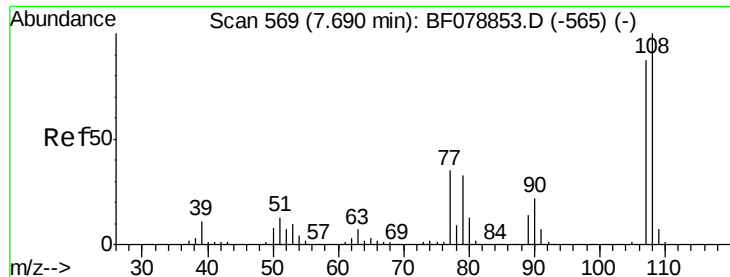
Tot Ion	Ratio	Lower	Upper
79	100		
108	86.8	62.5	93.7
77	61.9	52.2	78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.58 ng
RT: 7.72 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.3
79	9.3	0.0	30.1

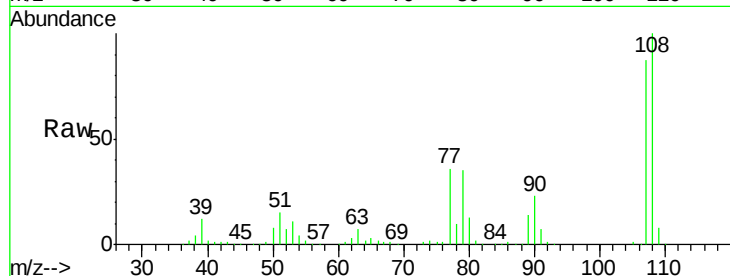




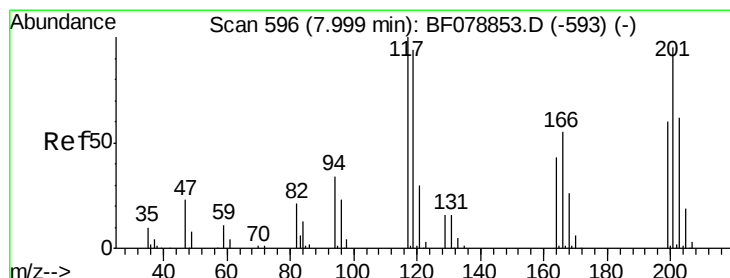
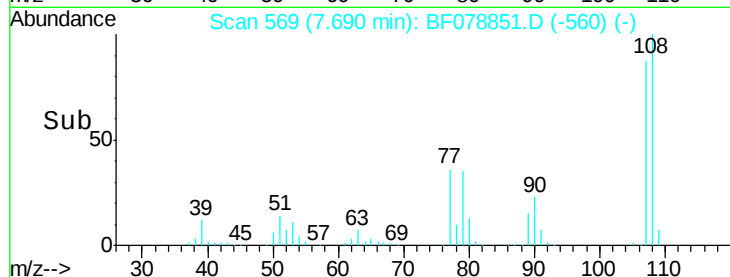
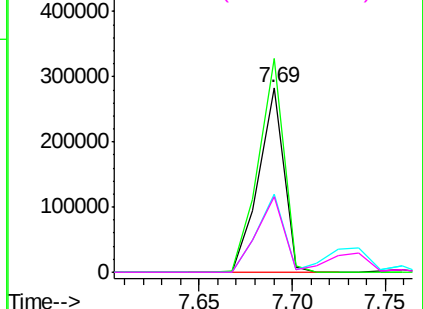
#17
2-Methylphenol
Concen: 62.64 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	266183
Ion	Ratio	Lower	Upper
107	100		
108	115.6	94.9	142.3
77	42.1	36.2	54.4
79	40.7	35.2	52.8

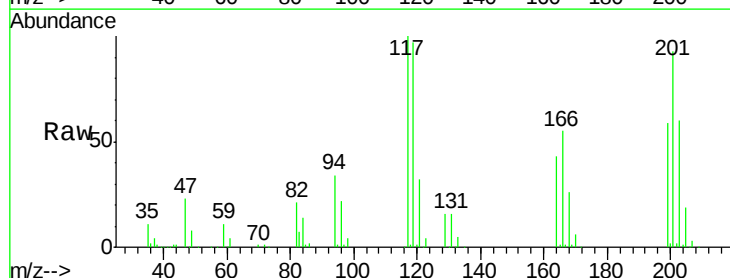


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

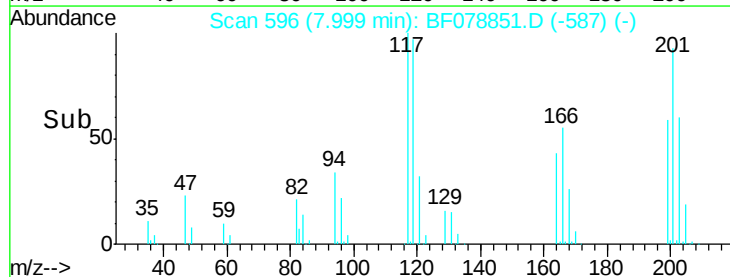
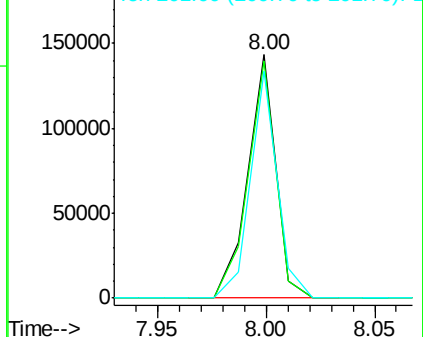


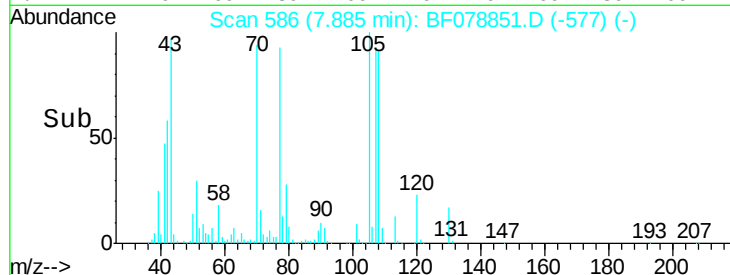
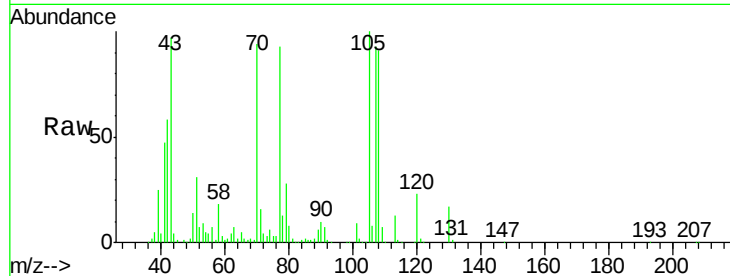
#18
Hexachloroethane
Concen: 61.97 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:	117	Resp:	127738
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.4	113.0
201	93.2	83.2	124.8



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

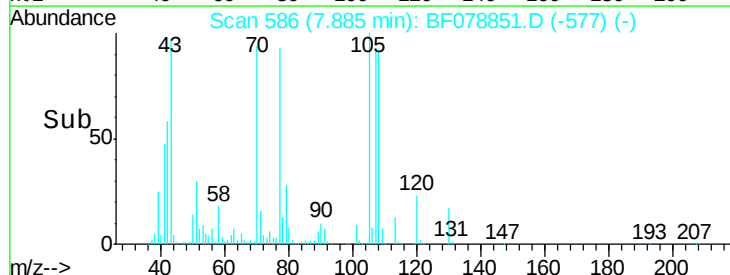
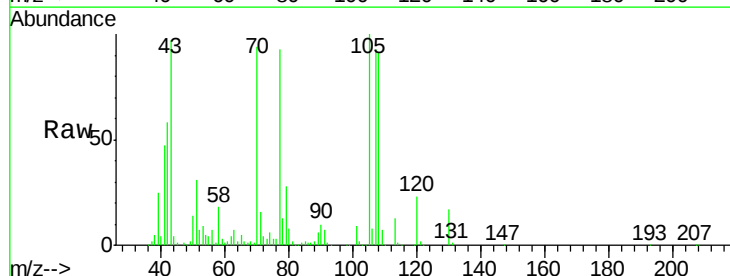
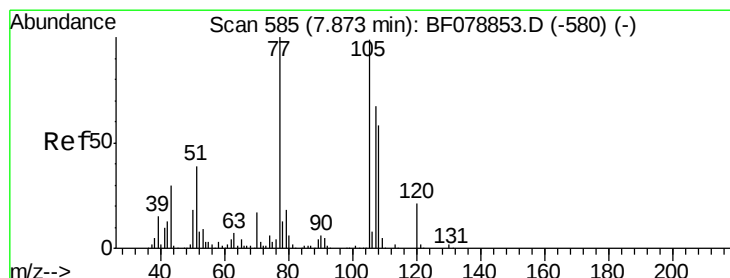
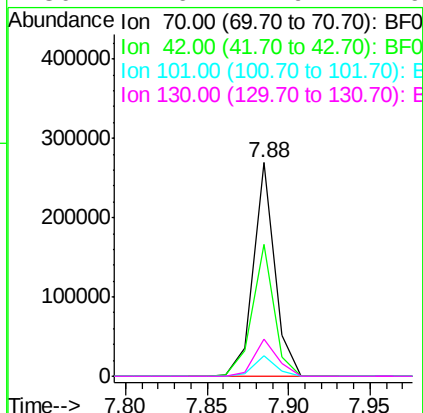




#19
n-Nitroso-di-n-propylamine
Concen: 57.73 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

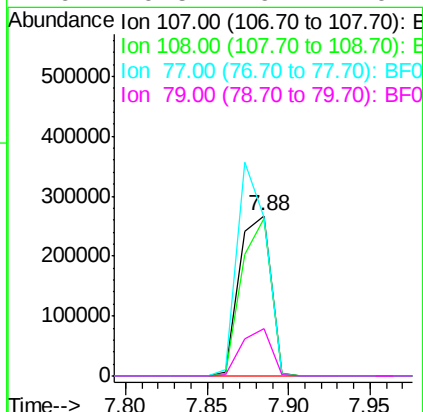
Instrument :
BNA_F
ClientSampleId :

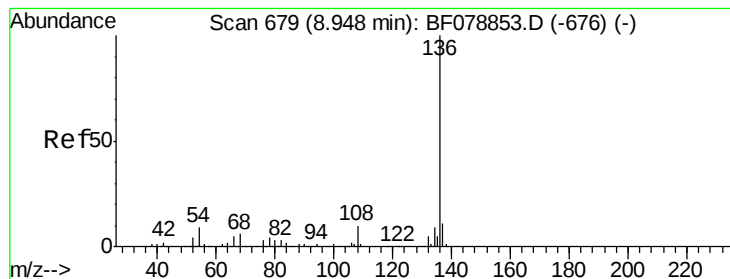
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.9	55.4	83.0	
101	9.4	6.6	10.0	
130	17.6	11.9	17.9	



#20
3+4-Methylphenols
Concen: 64.43 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	98.1	76.9	116.9	
77	99.3	136.8	176.8#	
79	29.5	9.7	49.7	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 349550

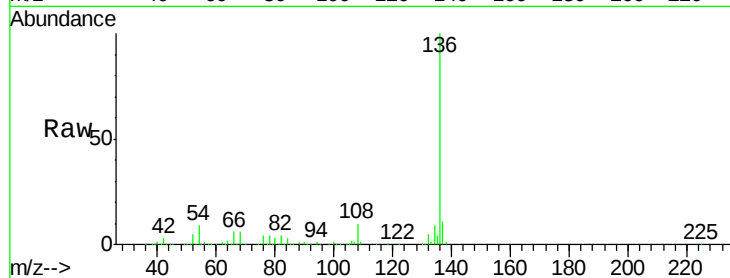
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 5.8 8.8#

68 6.2 4.2 6.4

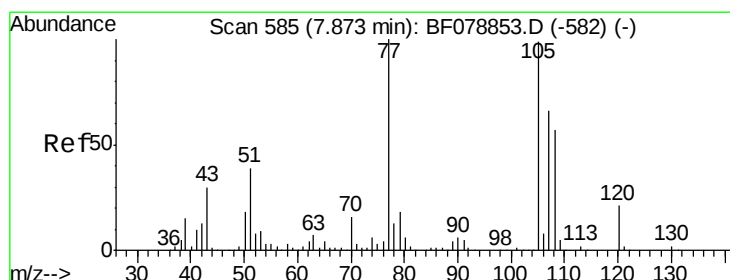
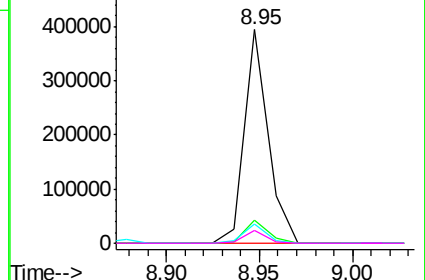
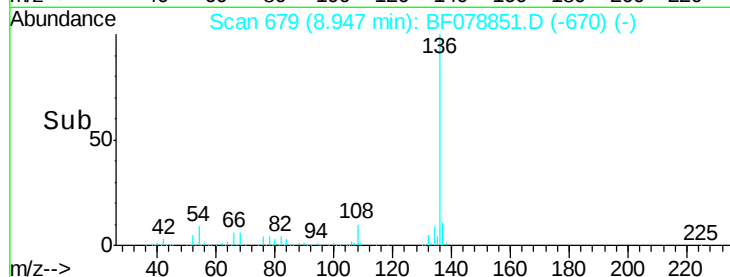


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.18 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Tgt Ion:105 Resp: 435075

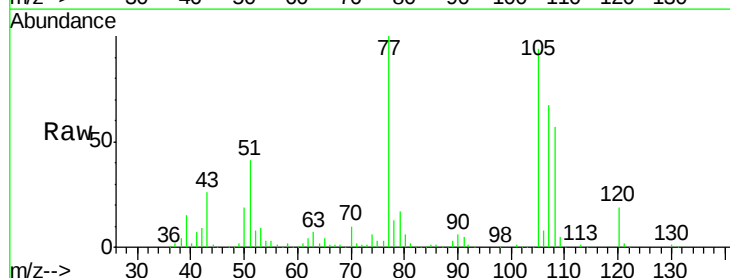
Ion Ratio Lower Upper

105 100

71 1.9 4.6 6.8#

51 43.5 26.7 40.1#

120 20.4 17.4 26.0

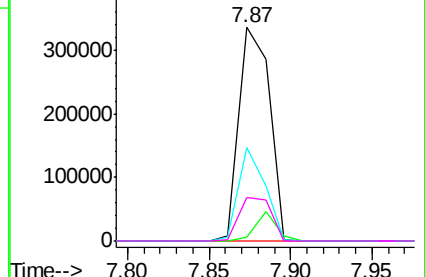
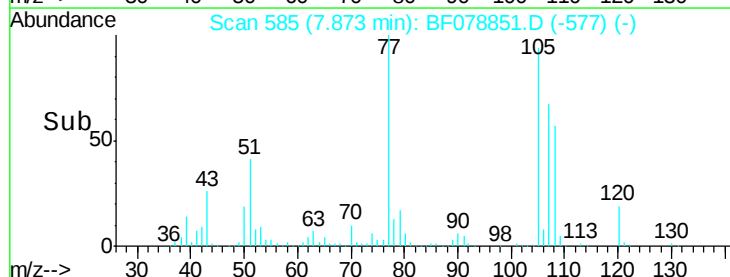


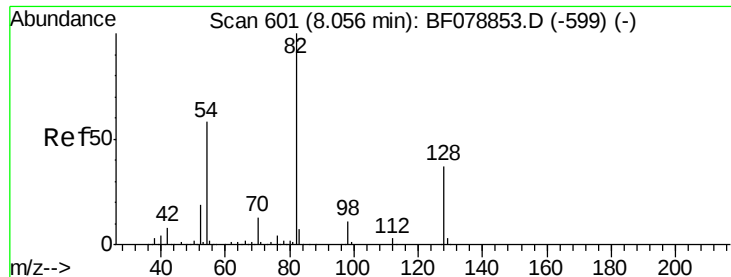
Abundance Ion 105.00 (104.70 to 105.70): E

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

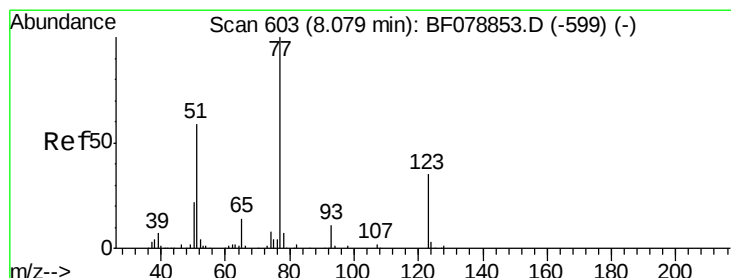
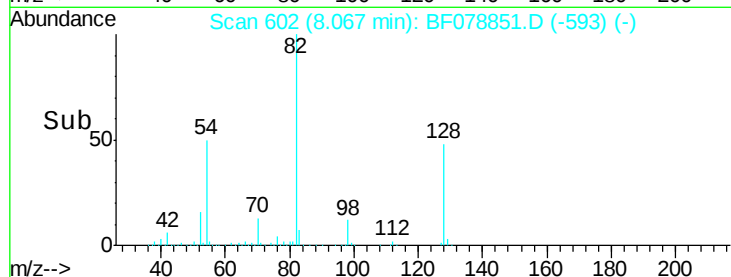
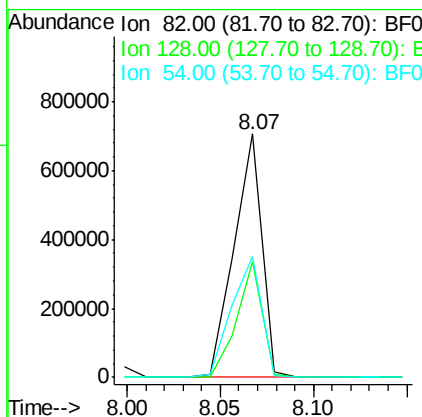
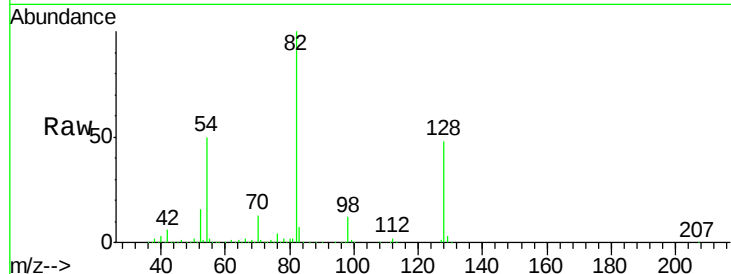




#23
 Nitrobenzene-d5
 Concen: 152.12 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

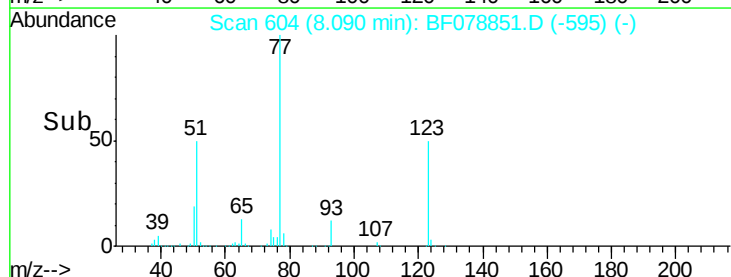
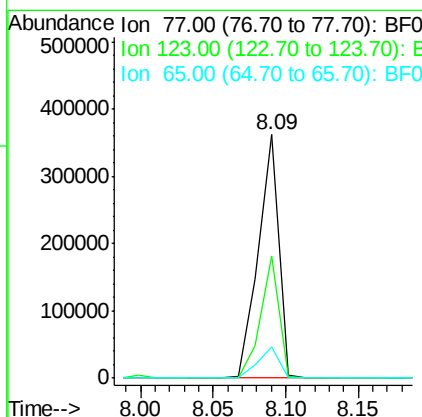
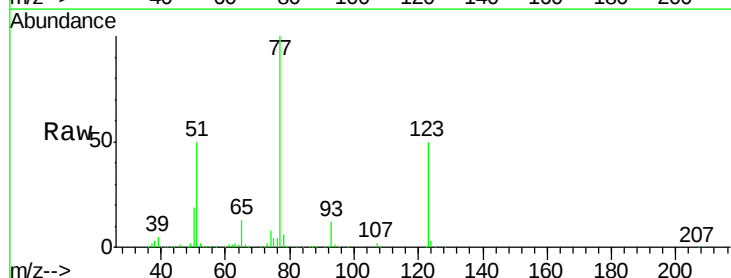
Instrument :
 BNA_F
 ClientSampleId :

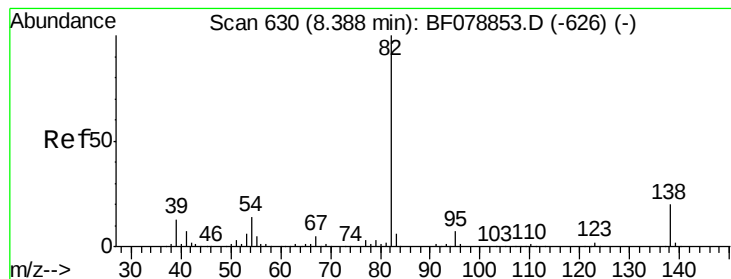
Tot Ion: 82 Resp: 738523
 Ion Ratio Lower Upper
 82 100
 128 47.5 30.0 45.0#
 54 49.5 46.4 69.6



#24
 Nitrobenzene
 Concen: 68.46 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion: 77 Resp: 355926
 Ion Ratio Lower Upper
 77 100
 123 50.1 31.8 47.8#
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 61.43 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

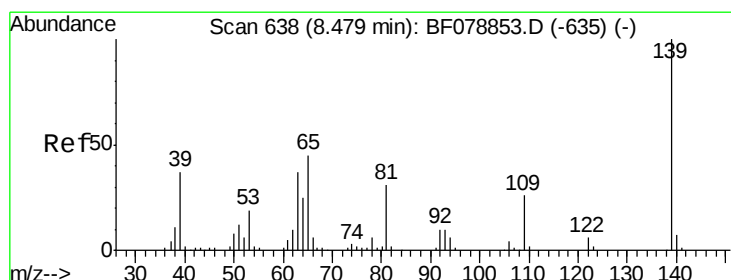
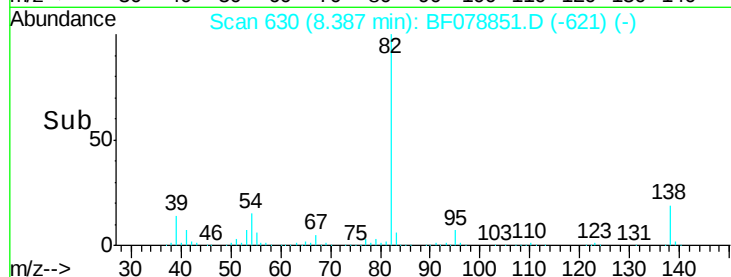
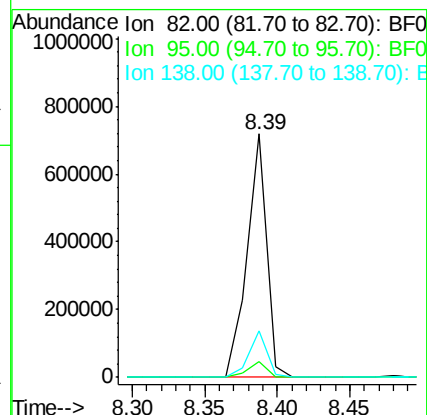
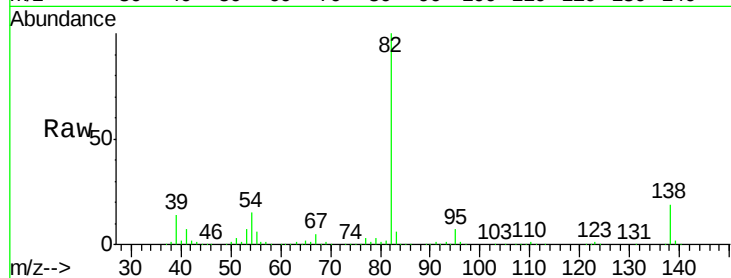
Tot Ion: 82 Resp: 674257

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 12.0 18.0#



#26

2-Nitrophenol

Concen: 118.83 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

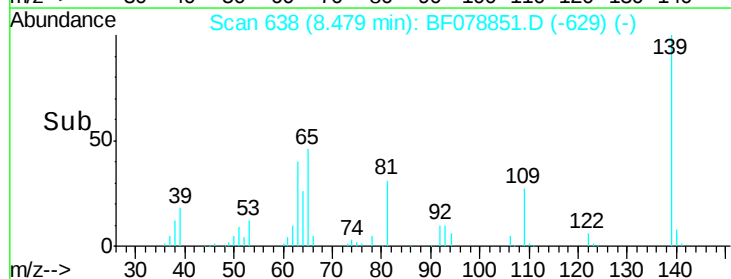
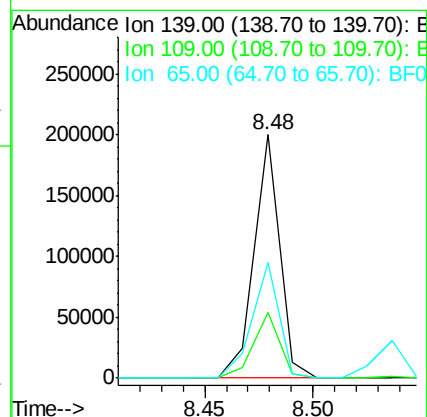
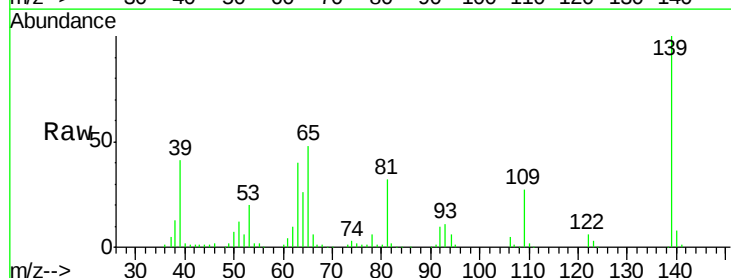
Tgt Ion: 139 Resp: 163092

Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

65 47.6 30.5 45.7#

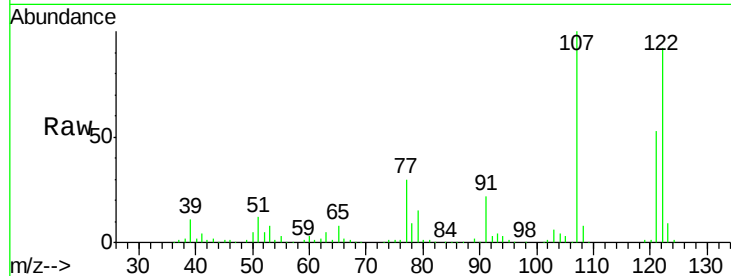




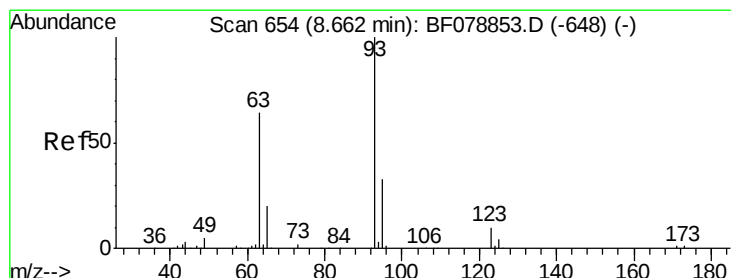
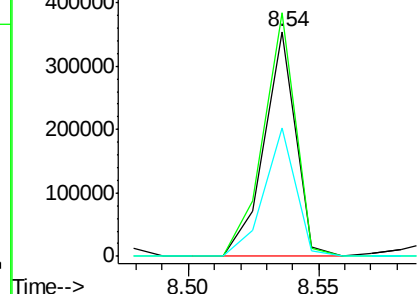
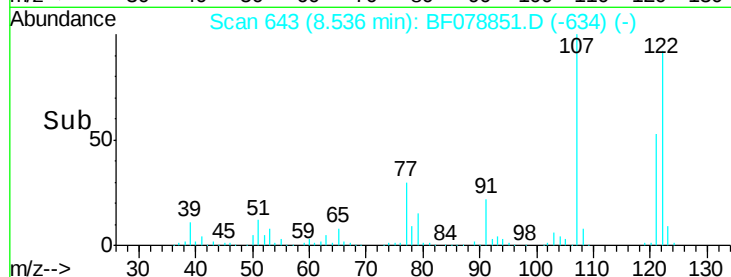
#27
 2,4-Dimethylphenol
 Concen: 62.46 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 304095
 Ion Ratio Lower Upper
 122 100
 107 108.2 90.6 135.8
 121 57.3 45.4 68.2

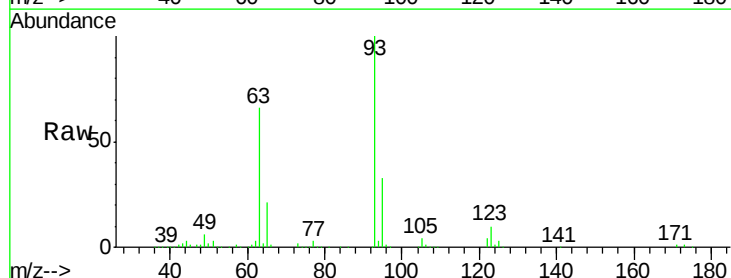


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

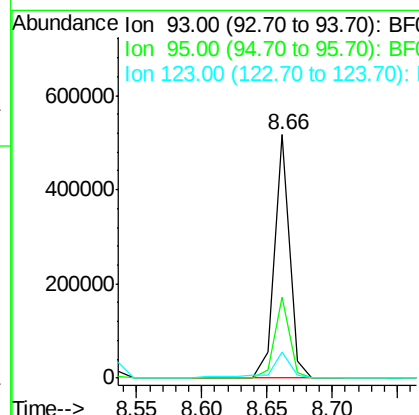
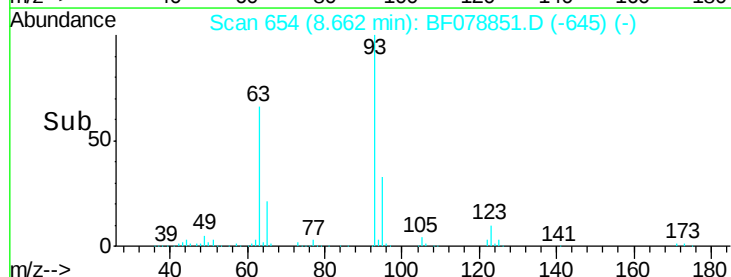


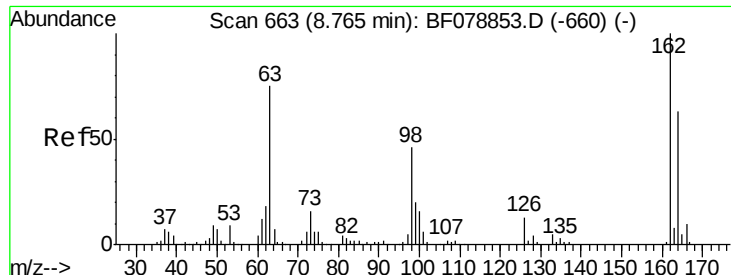
#28
 bis(2-Chloroethoxy)methane
 Concen: 62.00 ng
 RT: 8.66 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion: 93 Resp: 420224
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.7 40.1
 123 10.5 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

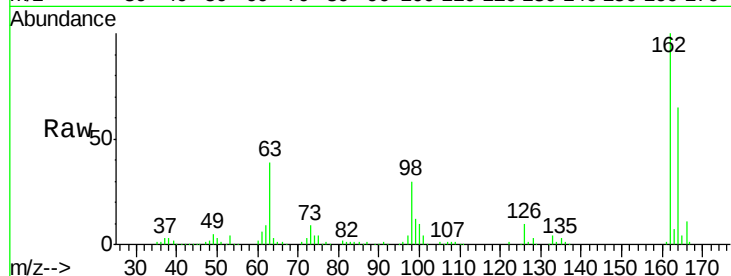




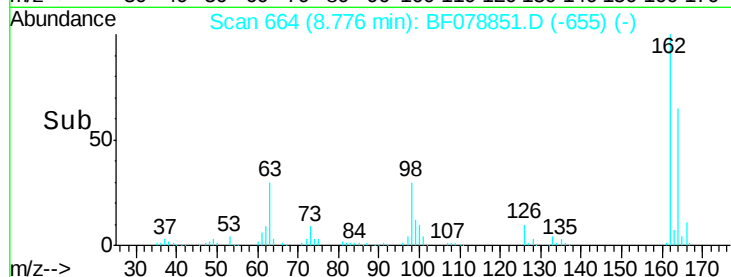
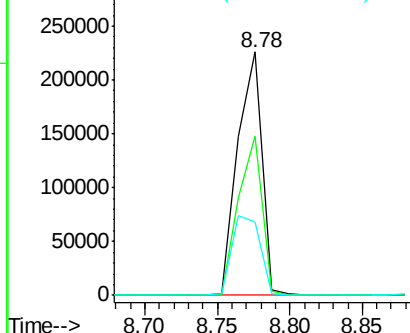
#29
 2,4-Dichlorophenol
 Concen: 63.13 ng
 RT: 8.78 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 262714
 Ion Ratio Lower Upper
 162 100
 164 65.4 43.6 83.6
 98 30.1 16.5 56.5

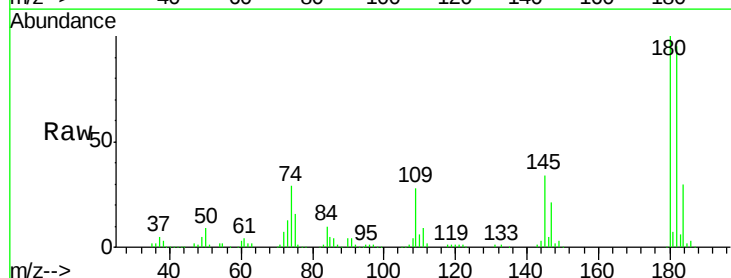


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

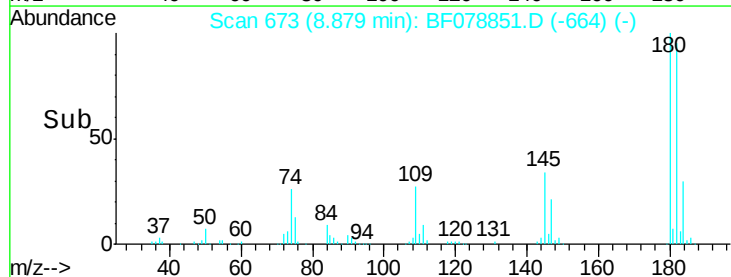
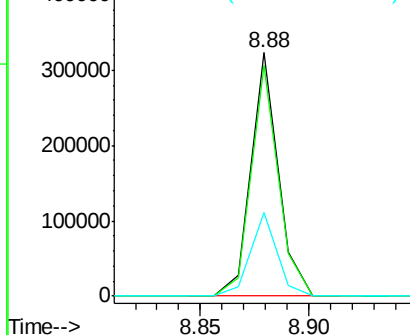


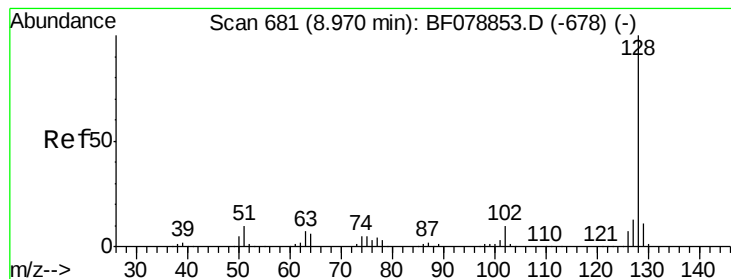
#30
 1,2,4-Trichlorobenzene
 Concen: 58.78 ng
 RT: 8.88 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:180 Resp: 280934
 Ion Ratio Lower Upper
 180 100
 182 94.8 78.9 118.3
 145 34.3 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: 56.37 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampled :

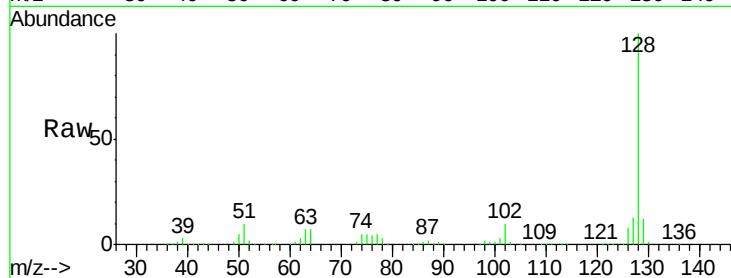
Tot Ion:128 Resp: 935221

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

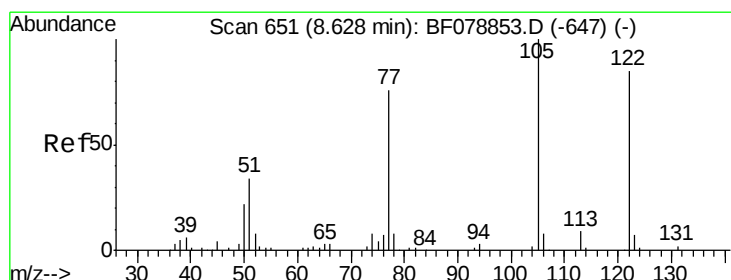
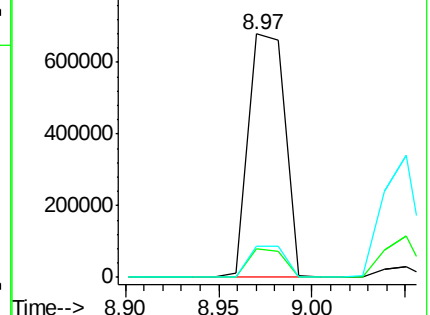
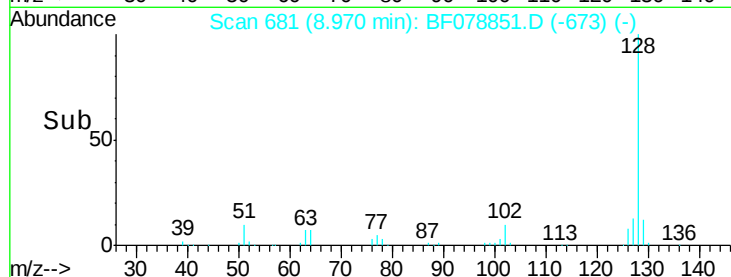
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 123.89 ng

RT: 8.64 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

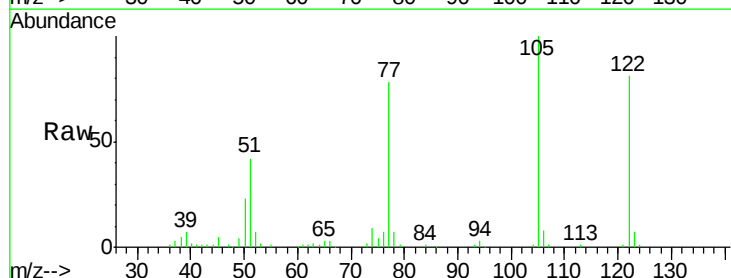
Tgt Ion:122 Resp: 183072

Ion Ratio Lower Upper

122 100

105 123.1 107.1 147.1

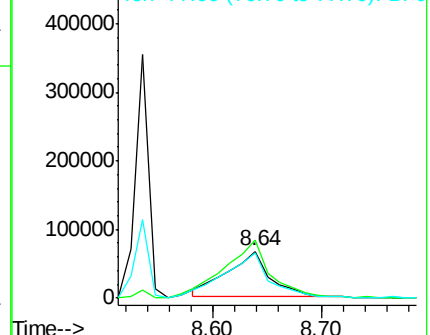
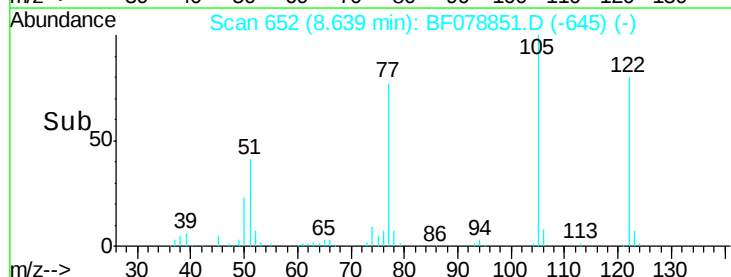
77 95.7 73.9 113.9

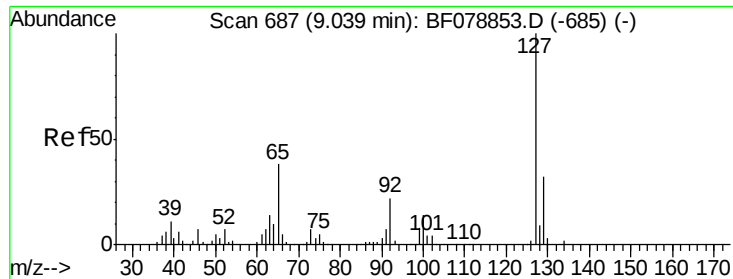


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

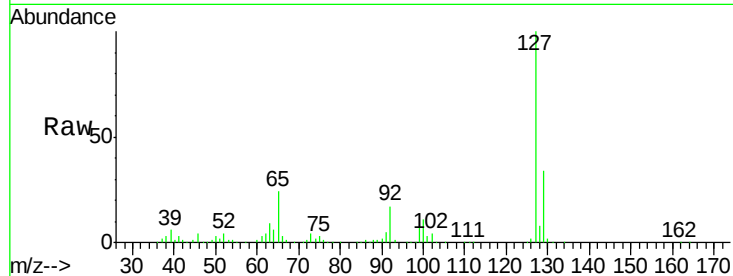




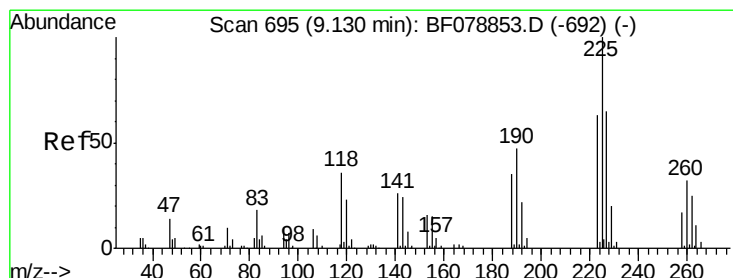
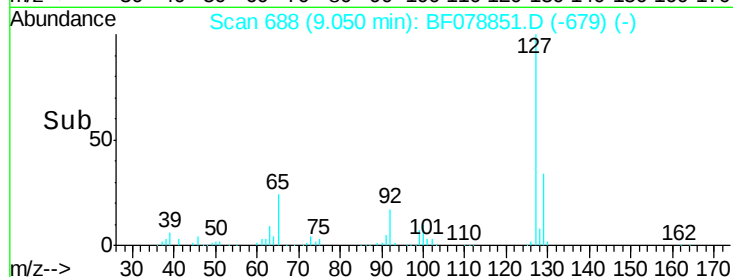
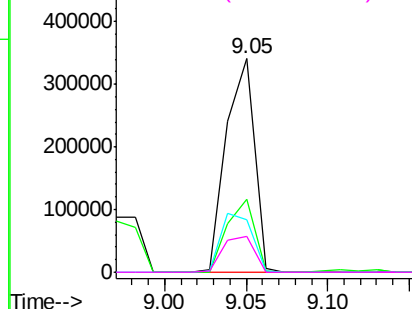
#33
4-Chloroaniline
Concen: 58.24 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	406614
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	24.4	25.8	38.6#
92	16.9	15.5	23.3

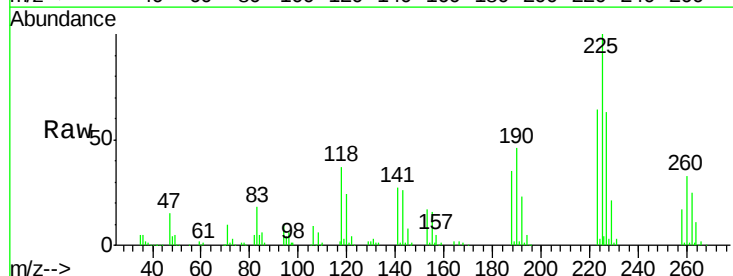


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

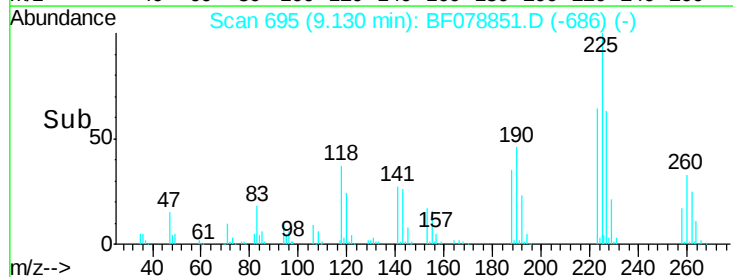
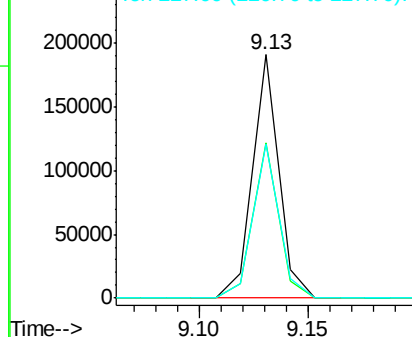


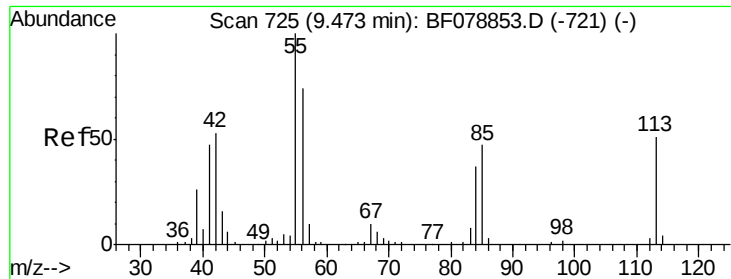
#34
Hexachlorobutadiene
Concen: 59.28 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:	225	Resp:	159860
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.2	72.4
227	63.1	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

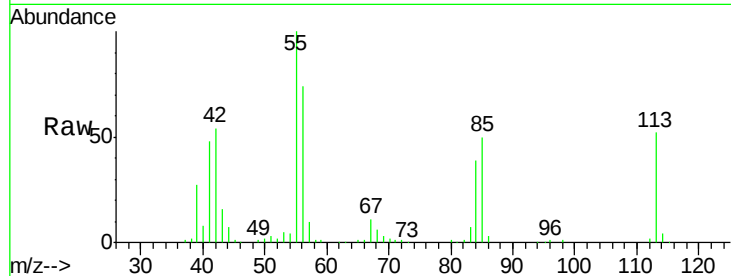




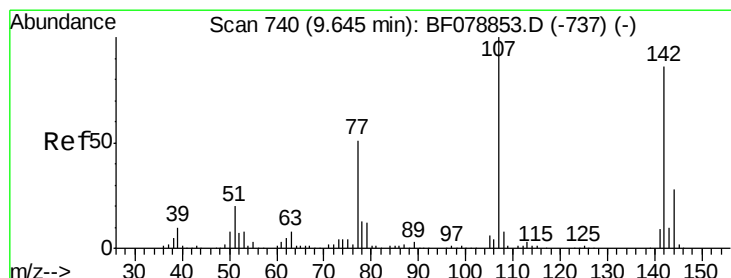
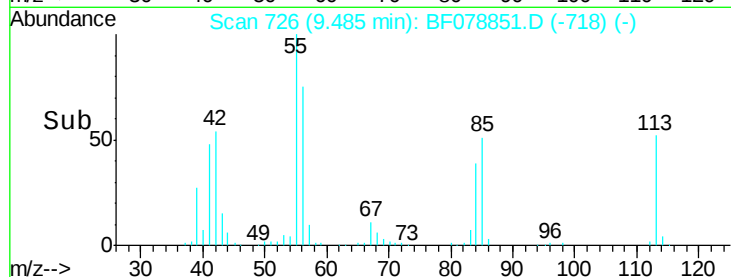
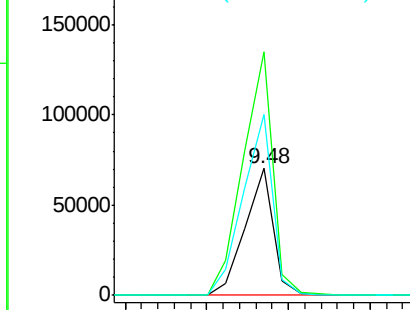
#35
Caprolactam
Concen: 63.67 ng
RT: 9.48 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 84375
Ion Ratio Lower Upper
113 100
55 192.2 169.7 209.7
56 143.1 122.5 162.5

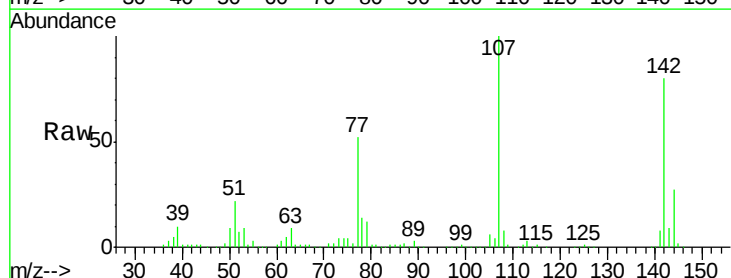


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

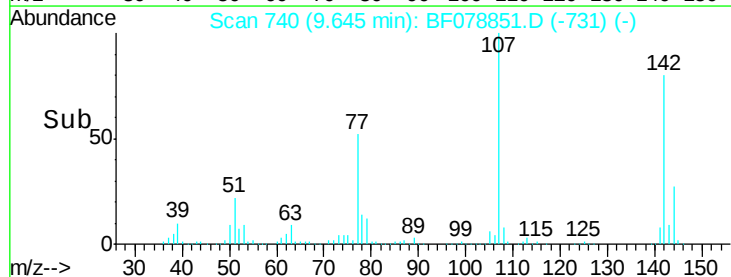
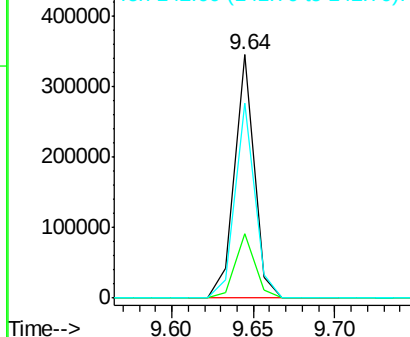


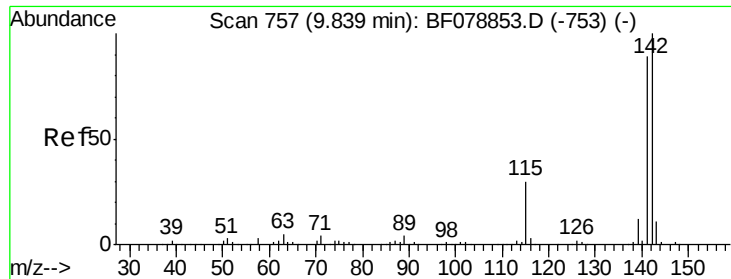
#36
4-Chloro-3-methylphenol
Concen: 66.00 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:107 Resp: 288378
Ion Ratio Lower Upper
107 100
144 26.5 19.8 29.6
142 79.9 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

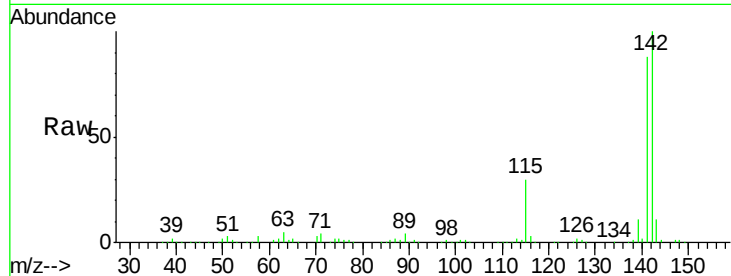




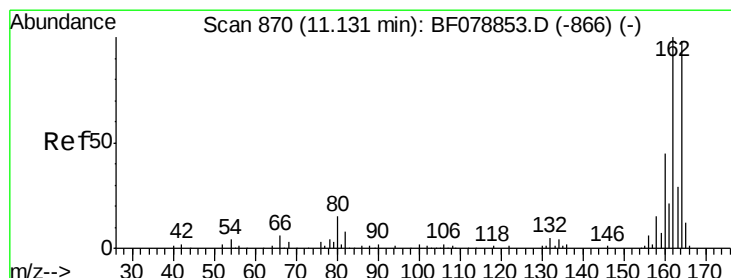
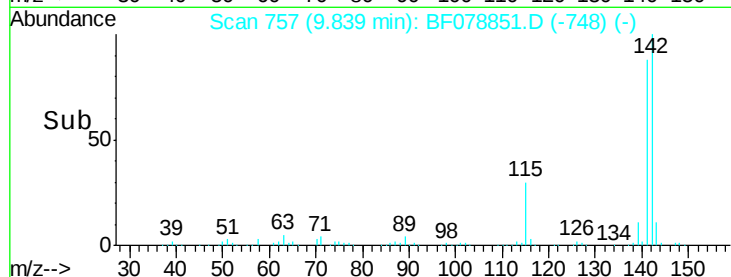
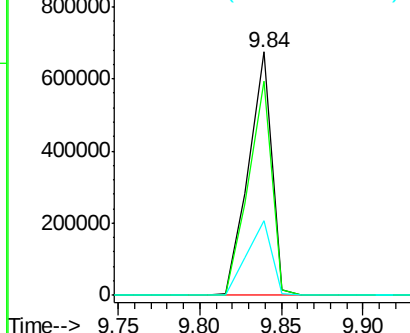
#37
2-Methylnaphthalene
Concen: 60.05 ng
RT: 9.84 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 670249
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3
115 30.5 28.5 42.7

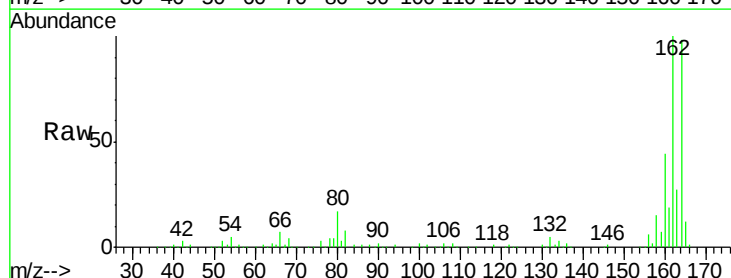


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

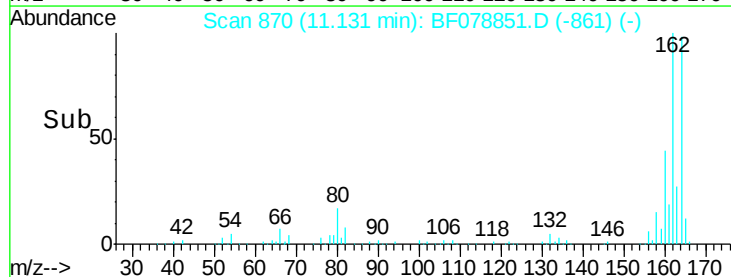
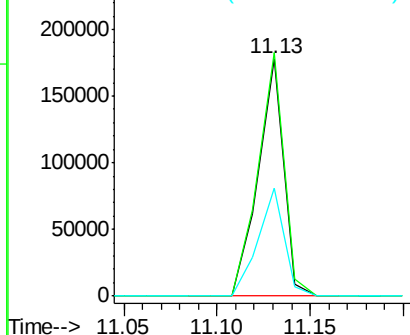


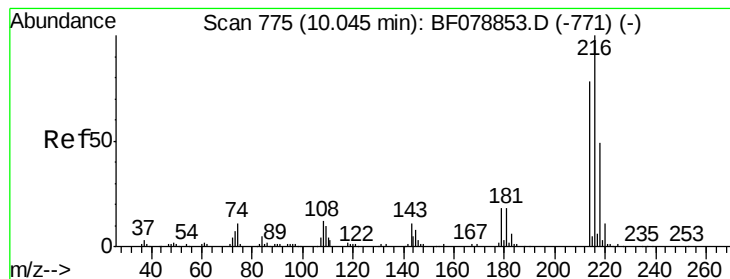
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:164 Resp: 171033
Ion Ratio Lower Upper
164 100
162 102.6 82.7 124.1
160 45.3 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.40 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 273315

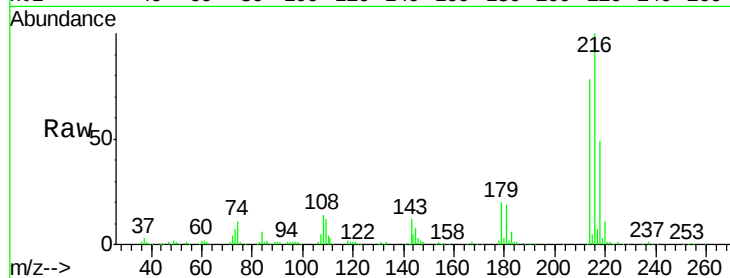
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 22.1 0.0 0.0#

108 21.8 0.0 0.0#

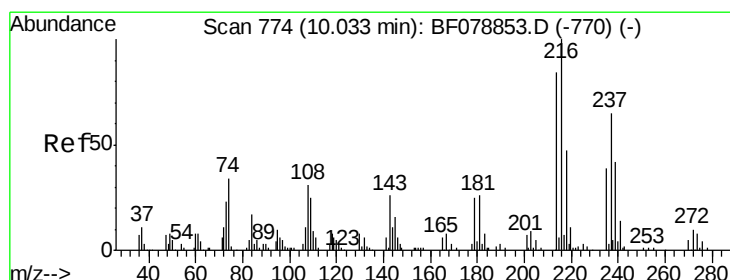
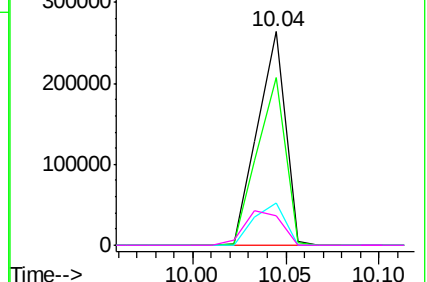
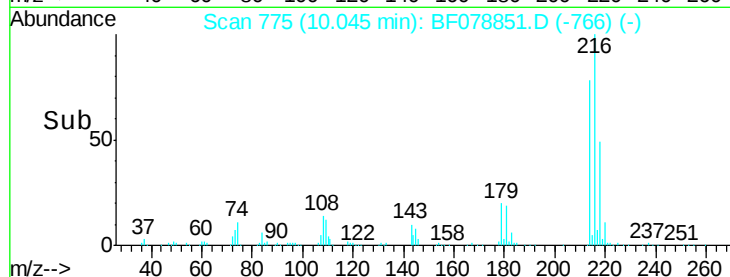


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.76 ng

RT: 10.03 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

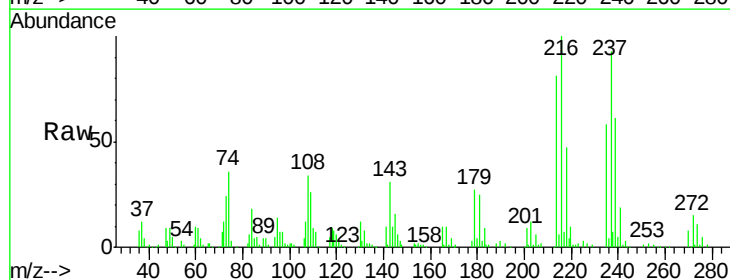
Tgt Ion:237 Resp: 144148

Ion Ratio Lower Upper

237 100

235 62.2 44.7 84.7

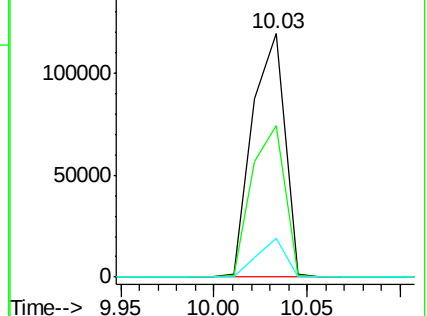
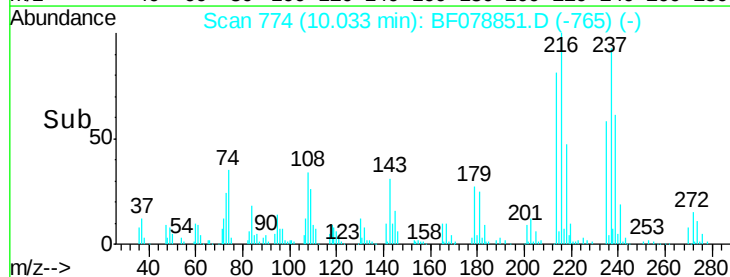
272 15.8 0.0 32.6

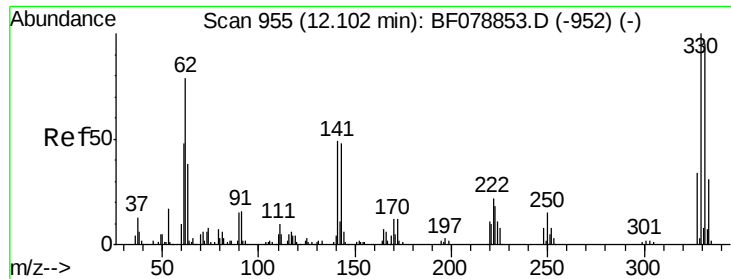


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.15 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampled :

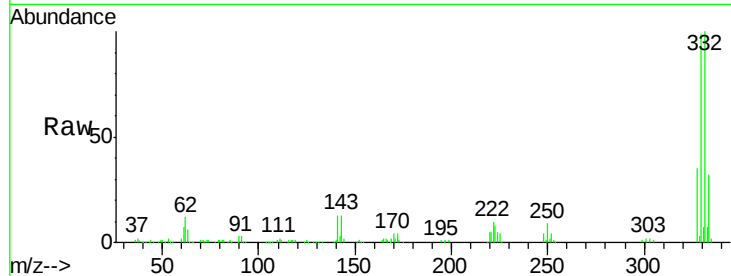
Tot Ion:330 Resp: 221818

Ion Ratio Lower Upper

330 100

332 98.4 0.0 0.0#

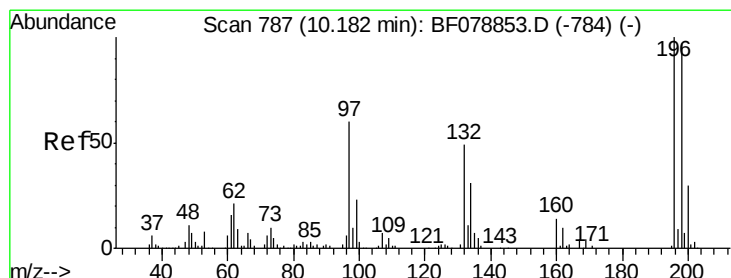
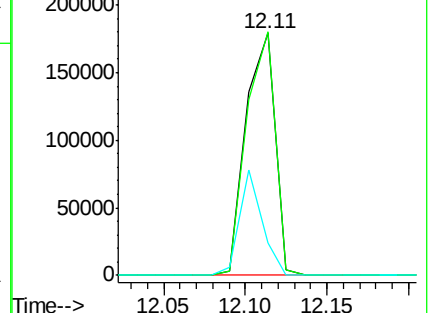
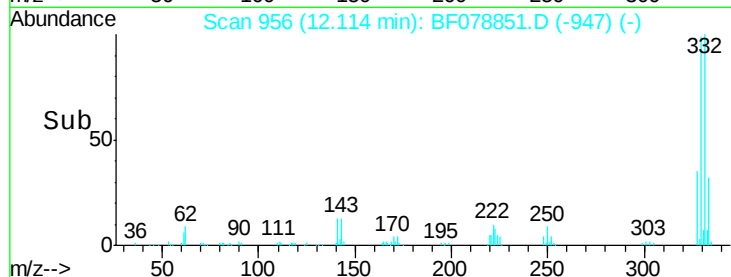
141 33.6 0.0 0.0#



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: 65.82 ng

RT: 10.18 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

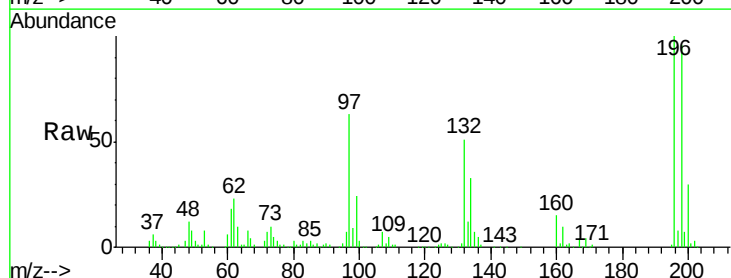
Tgt Ion:196 Resp: 194343

Ion Ratio Lower Upper

196 100

198 96.0 80.5 120.7

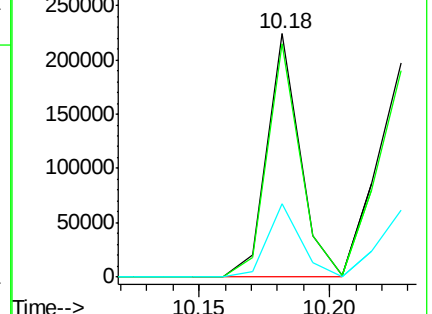
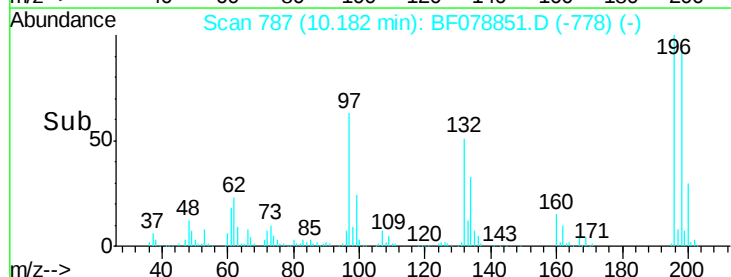
200 30.4 24.9 37.3



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

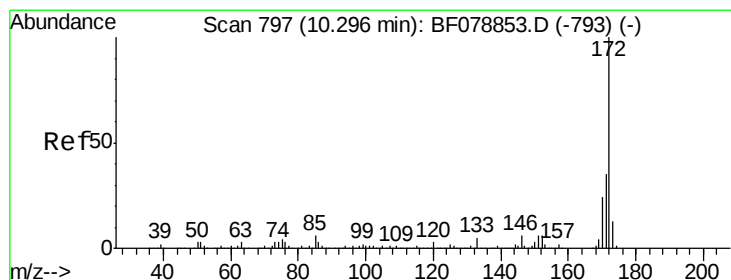
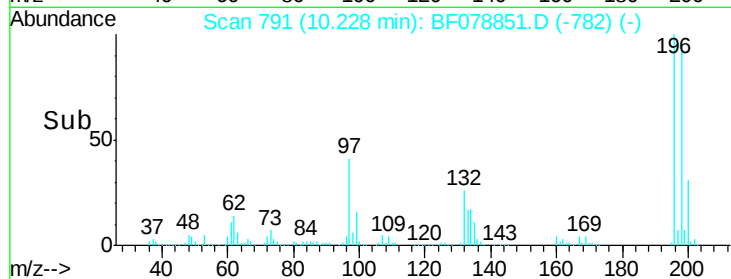
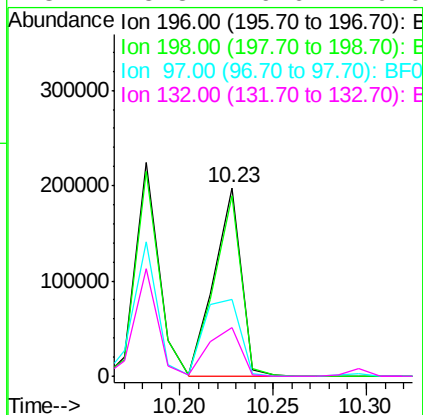
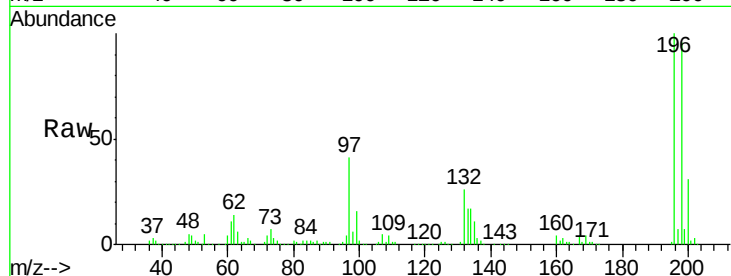




#43
 2,4,5-Trichlorophenol
 Concen: 63.84 ng
 RT: 10.23 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

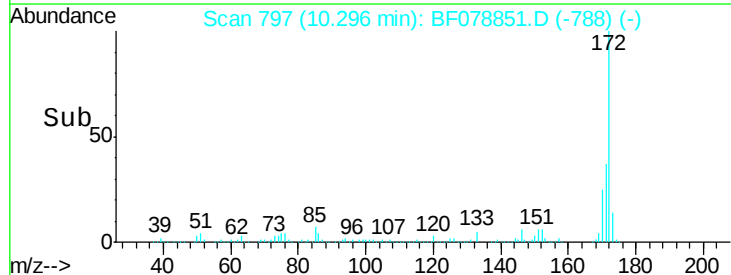
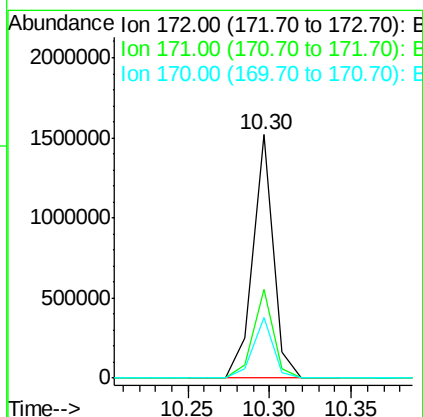
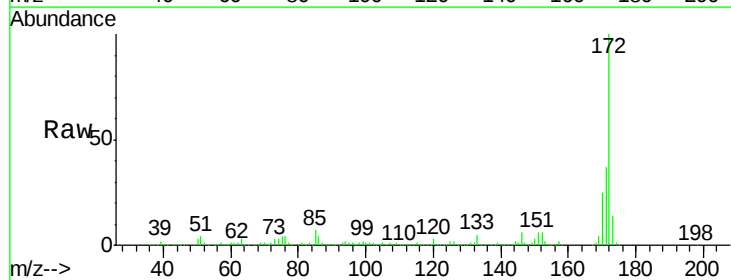
Instrument :
 BNA_F
 ClientSampleId :

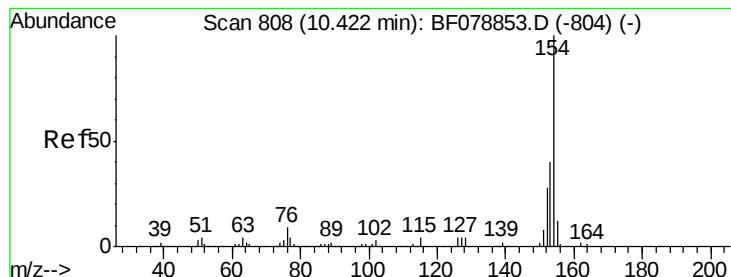
Tot Ion:196	Resp:	200639
Ion Ratio	Lower	Upper
196	100	
198	96.1	79.8 119.6
97	40.9	46.0 69.0#
132	25.8	26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 106.22 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:172	Resp:	1326614
Ion Ratio	Lower	Upper
172	100	
171	36.6	27.9 41.9
170	25.0	19.4 29.0





#45

1,1'-Biphenyl

Concen: 56.08 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

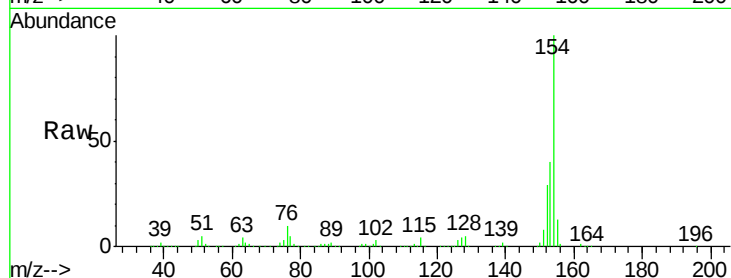
Tot Ion:154 Resp: 769726

Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

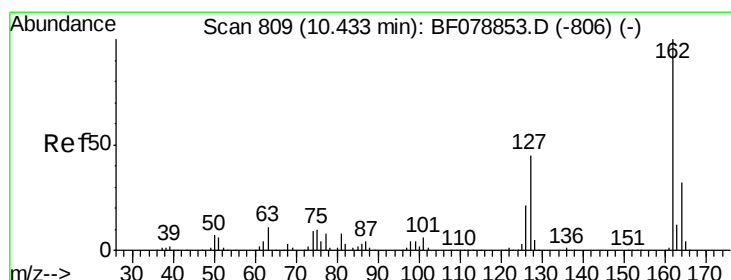
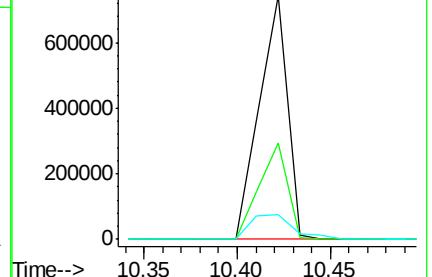
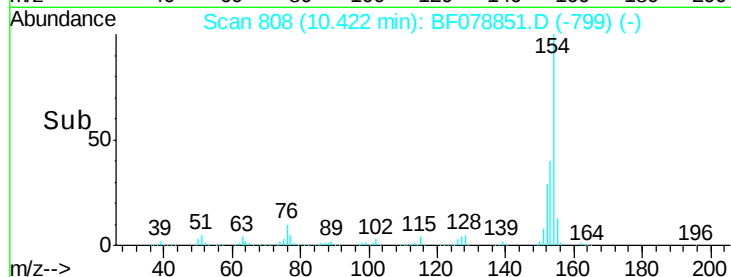
76 10.0 0.0 35.0



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: 55.89 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

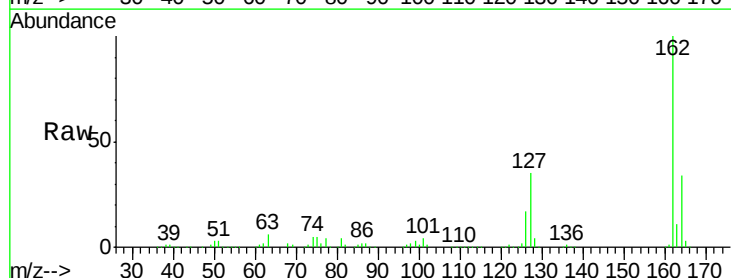
Tgt Ion:162 Resp: 599517

Ion Ratio Lower Upper

162 100

127 34.7 33.9 50.9

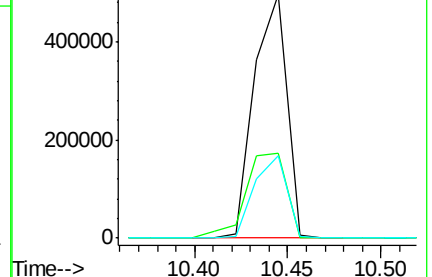
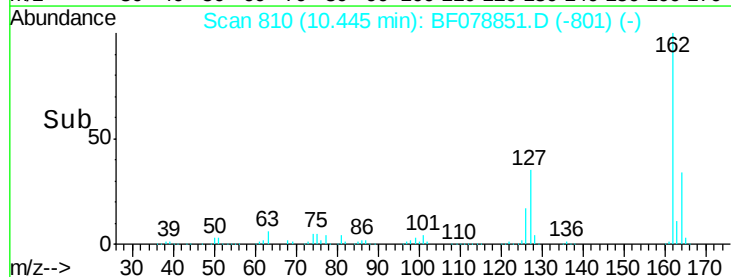
164 33.6 26.3 39.5

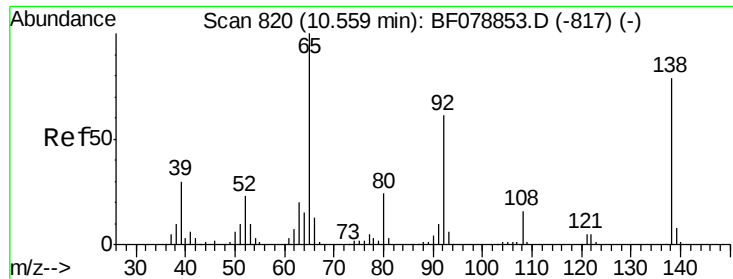


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

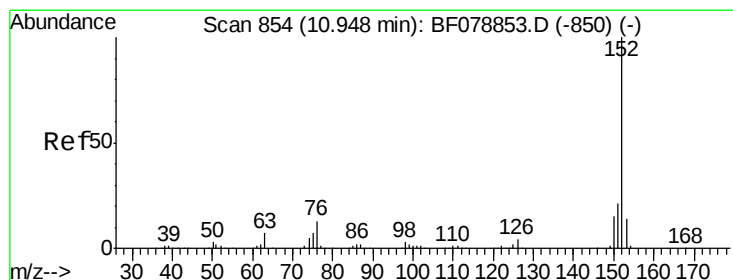
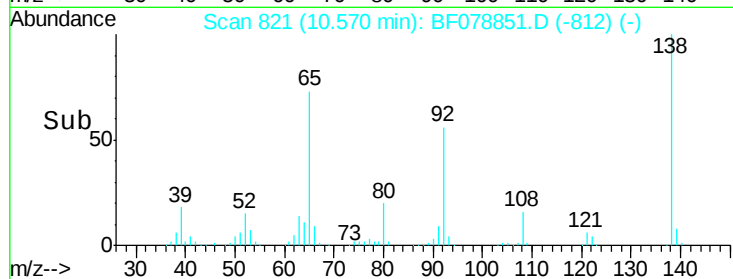
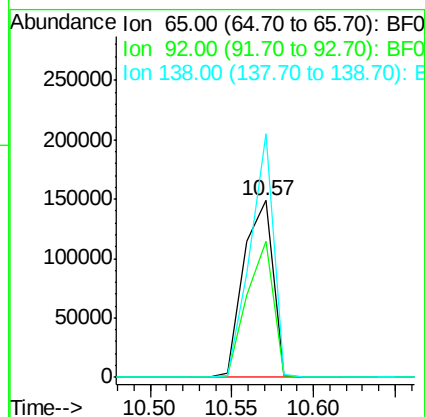
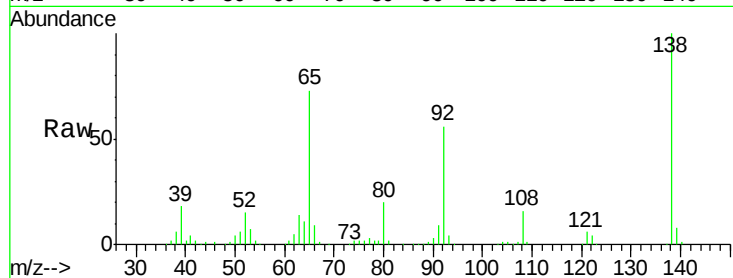




#47
2-Nitroaniline
Concen: 78.65 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

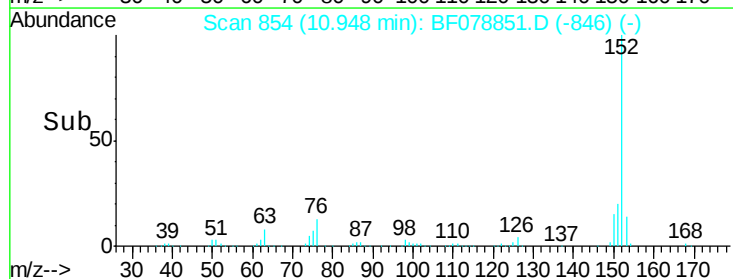
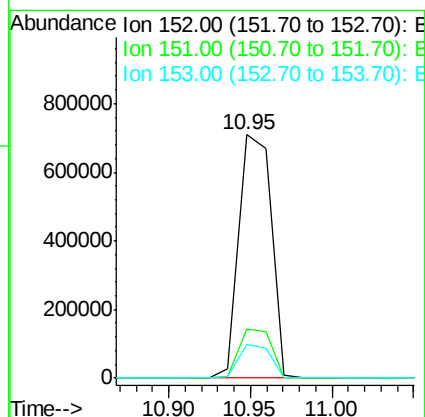
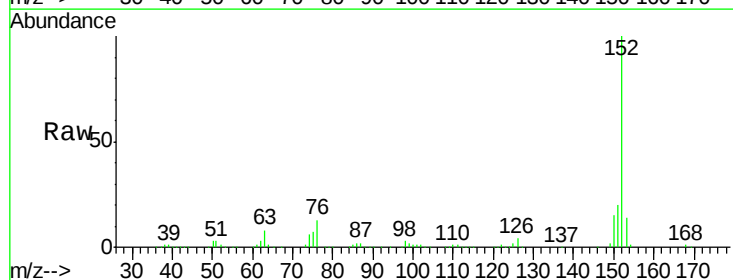
Instrument :
BNA_F
ClientSampled :

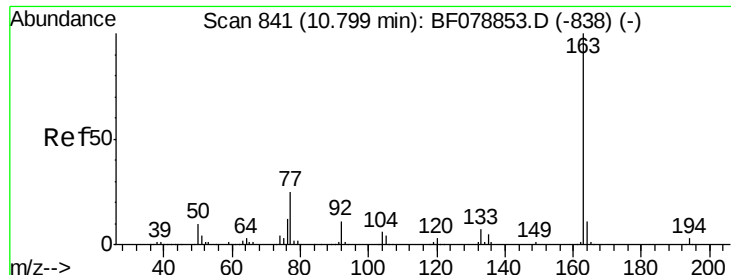
Tot Ion: 65 Resp: 184278
Ion Ratio Lower Upper
65 100
92 76.9 54.0 81.0
138 137.8 75.0 112.6#



#48
Acenaphthylene
Concen: 55.28 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion: 152 Resp: 970381
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.8 10.9 16.3





#49

Dimethylphthalate

Concen: 57.33 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

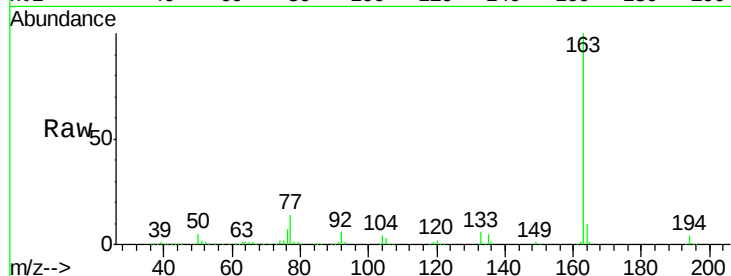
Tot Ion:163 Resp: 697046

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

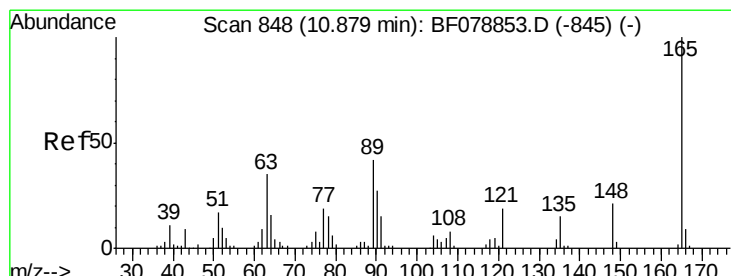
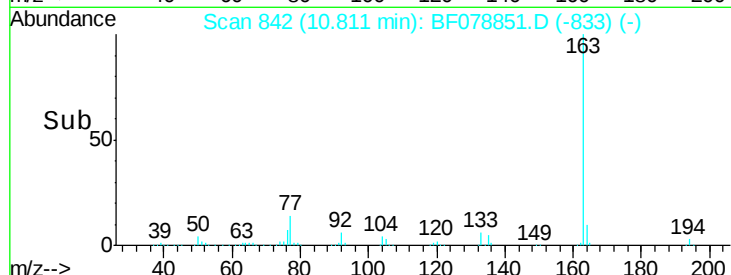
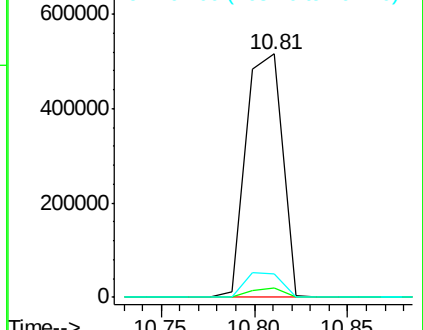
164 9.6 8.1 12.1



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: 76.18 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

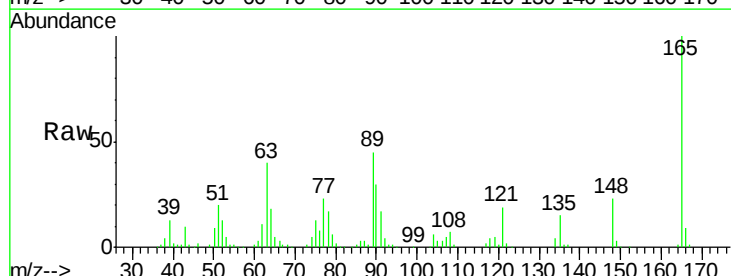
Tgt Ion:165 Resp: 150900

Ion Ratio Lower Upper

165 100

63 40.0 54.4 81.6#

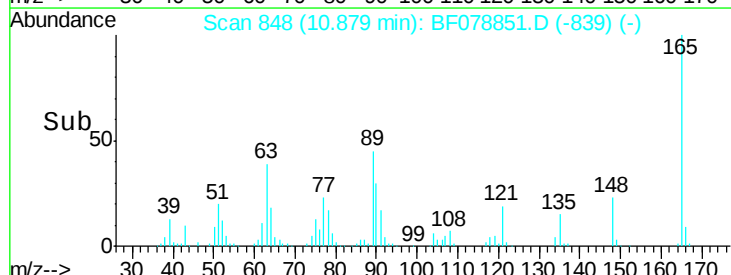
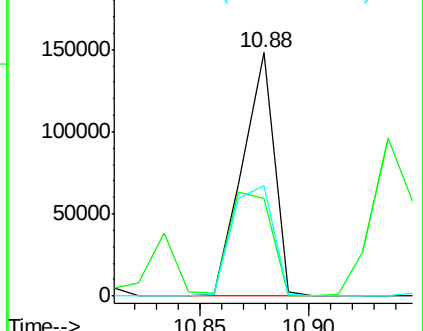
89 45.2 55.7 83.5#

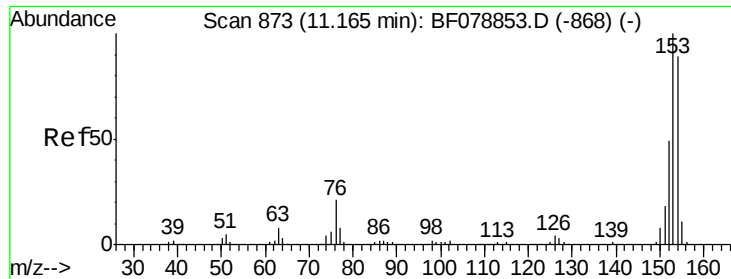


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

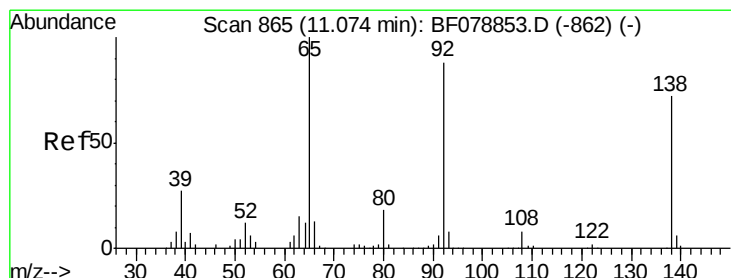
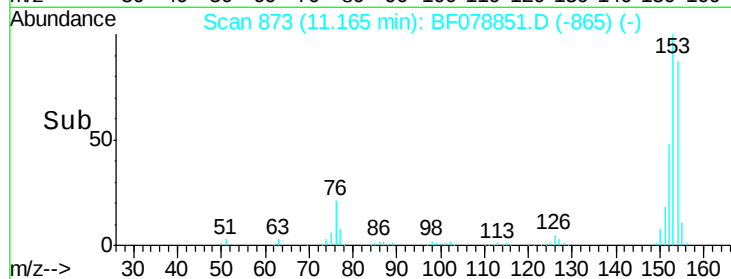
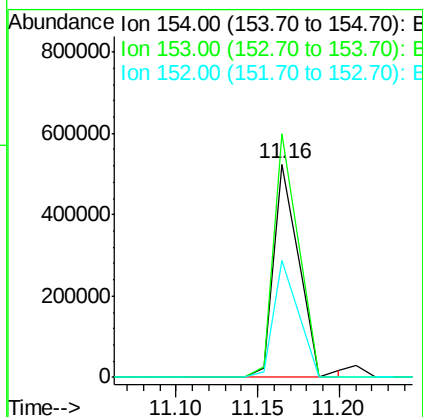
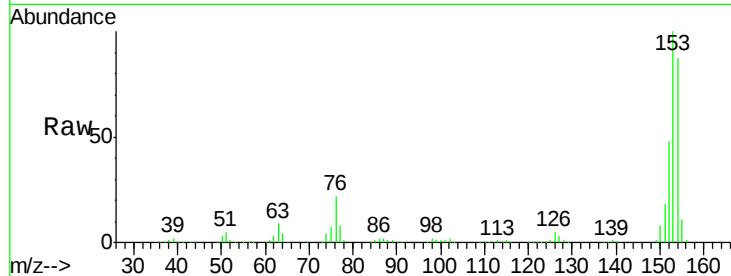




#51
Acenaphthene
Concen: 54.96 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

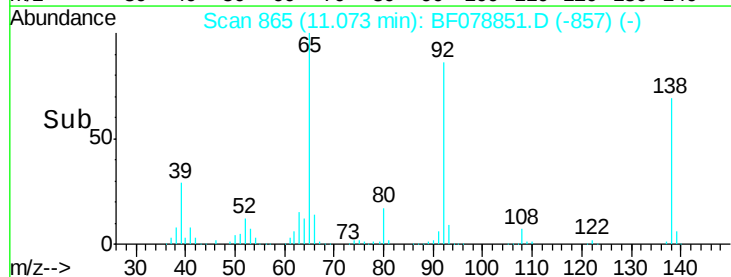
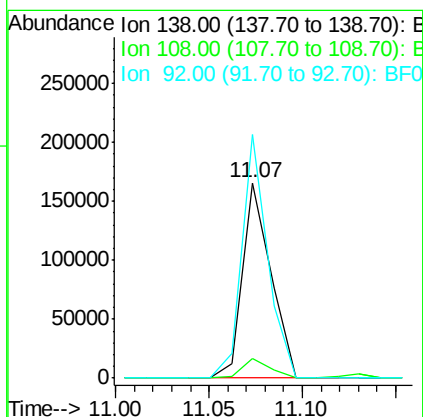
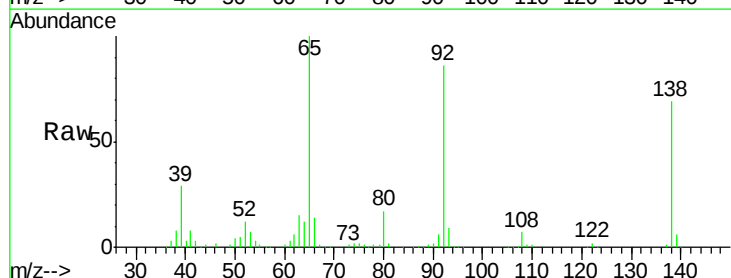
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 566583
Ion Ratio Lower Upper
154 100
153 114.4 91.5 137.3
152 54.8 44.2 66.4



#52
3-Nitroaniline
Concen: 68.18 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:138 Resp: 175229
Ion Ratio Lower Upper
138 100
108 9.9 10.6 16.0#
92 124.8 81.8 122.6#

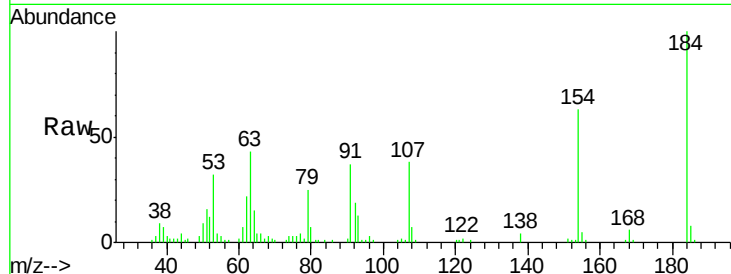




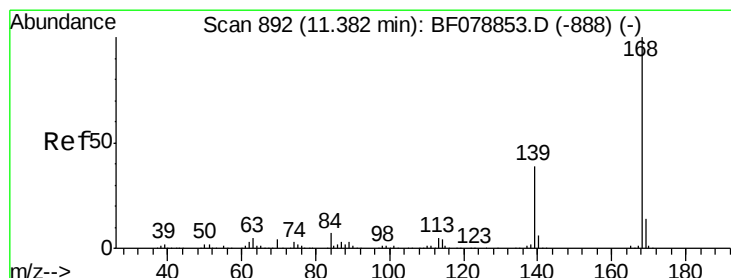
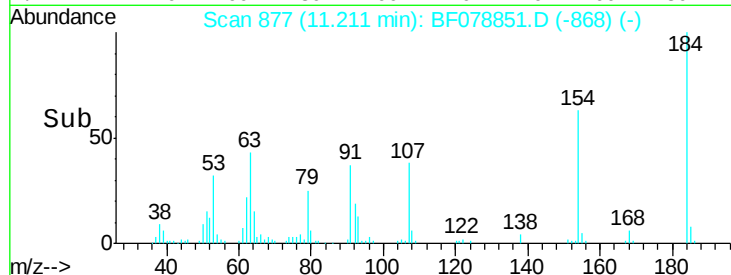
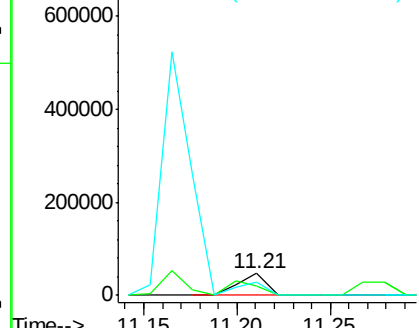
#53
 2,4-Dinitrophenol
 Concen: 183.57 ng
 RT: 11.21 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 50495
 Ion Ratio Lower Upper
 184 100
 63 43.1 63.3 94.9#
 154 63.0 53.8 80.6

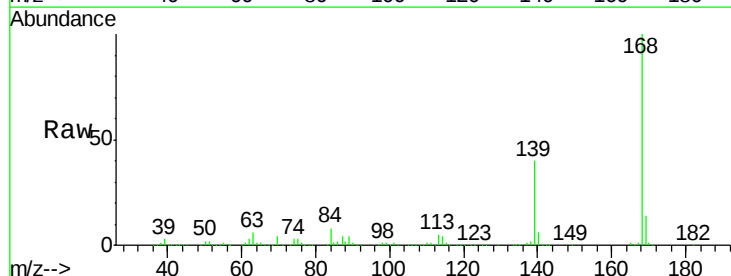


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

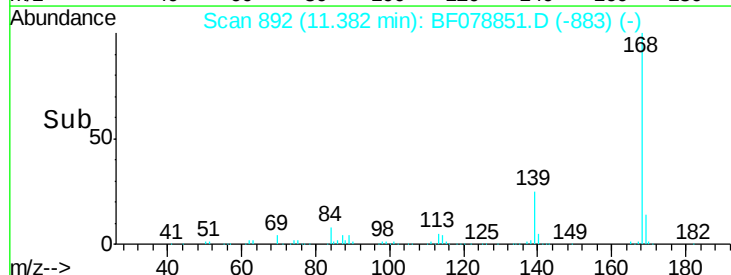
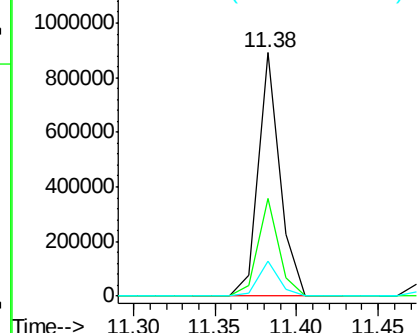


#54
 Dibenzofuran
 Concen: 54.14 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:168 Resp: 818750
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.0 46.4
 169 14.2 10.6 16.0



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

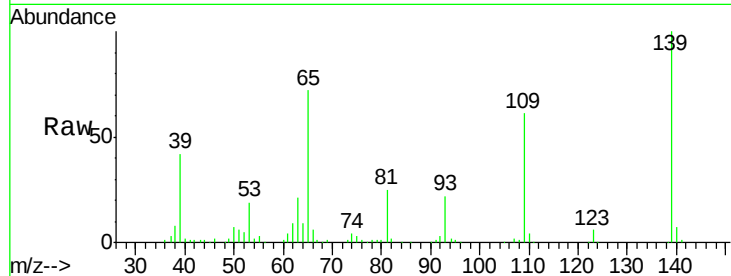




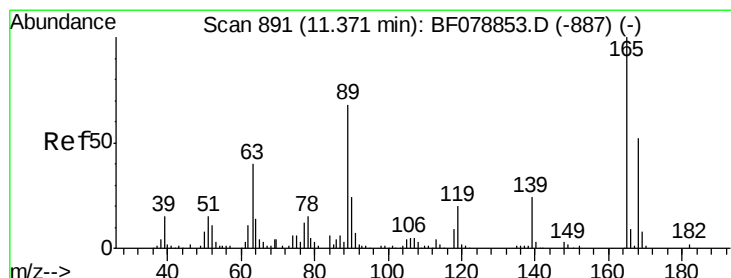
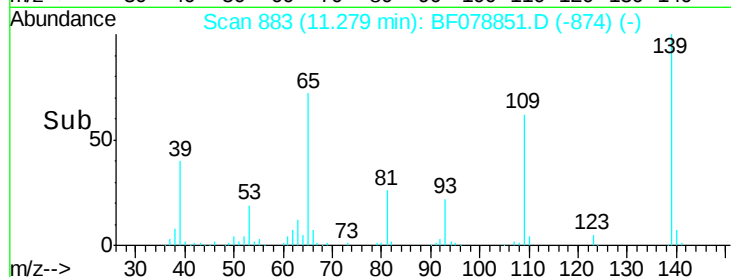
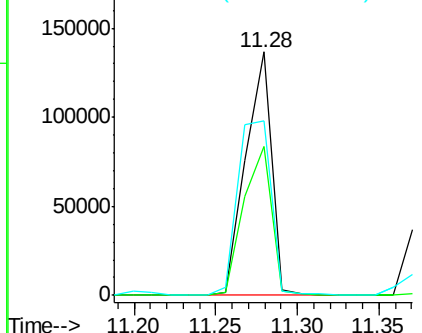
#55
4-Nitrophenol
Concen: 85.29 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 150312
Ion Ratio Lower Upper
139 100
109 61.0 47.6 87.6
65 71.6 54.3 94.3

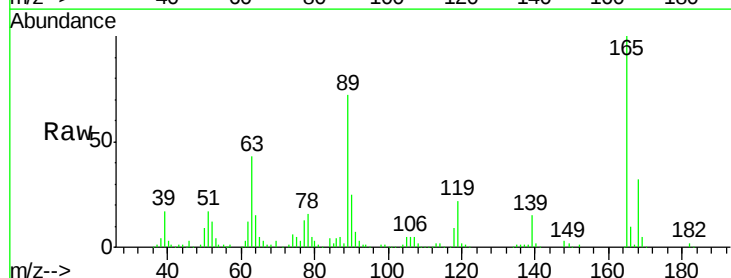


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

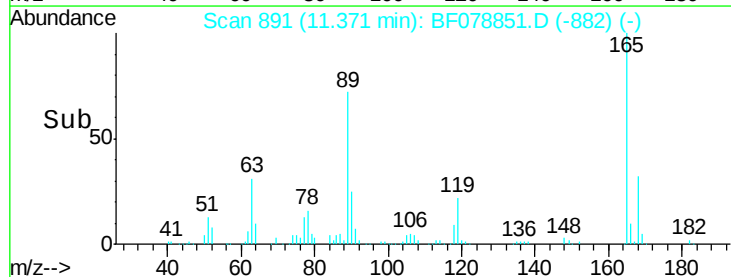
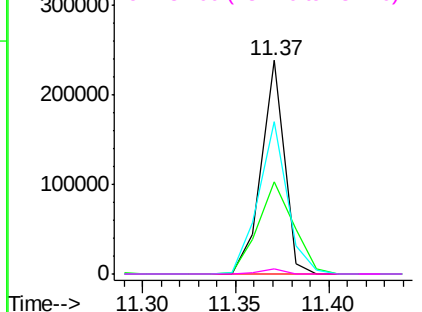


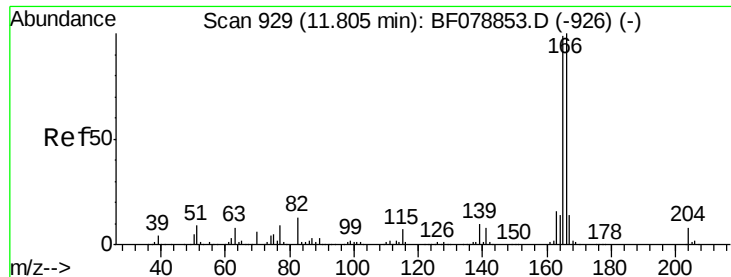
#56
2,4-Dinitrotoluene
Concen: 88.55 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:165 Resp: 202402
Ion Ratio Lower Upper
165 100
63 43.4 51.2 76.8#
89 71.6 82.7 124.1#
182 2.2 1.4 2.2#



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

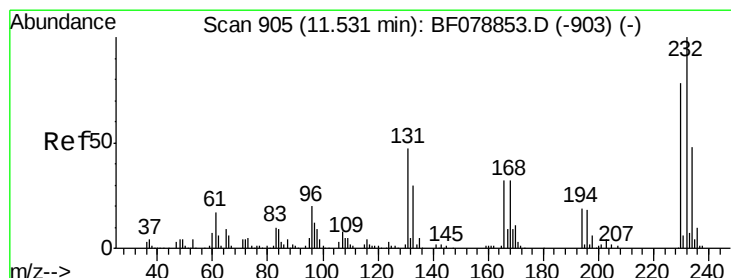
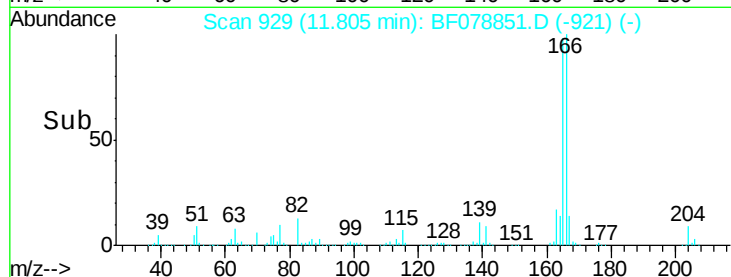
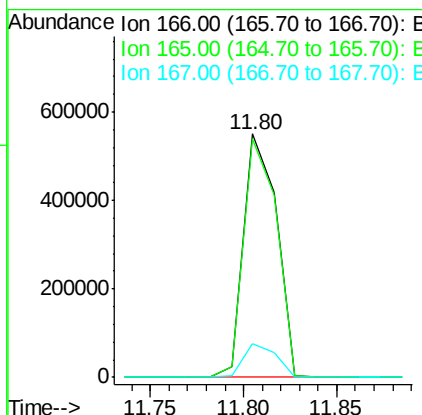
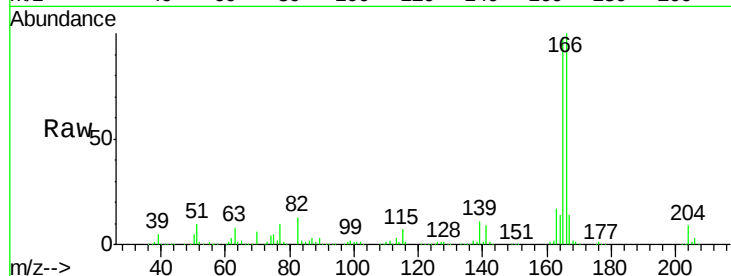




#57
 Fluorene
 Concen: 56.59 ng
 RT: 11.80 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

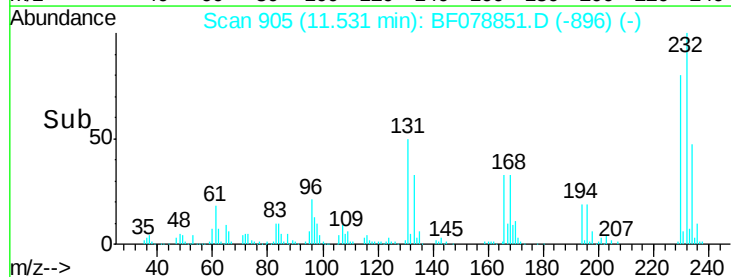
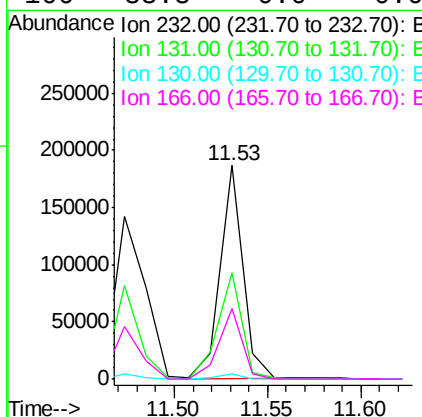
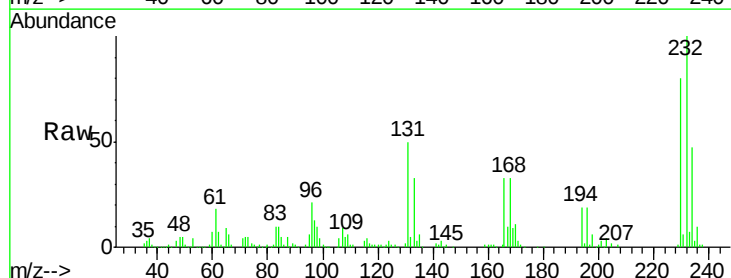
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 684078
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 13.8 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 67.69 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:232 Resp: 159315
 Ion Ratio Lower Upper
 232 100
 131 53.2 0.0 0.0#
 130 2.6 0.0 0.0#
 166 33.8 0.0 0.0#





#59

Diethylphthalate

Concen: 56.74 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

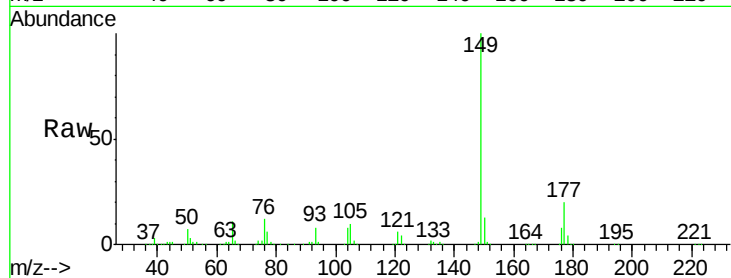
Tot Ion:149 Resp: 686530

Ion Ratio Lower Upper

149 100

177 20.2 17.5 26.3

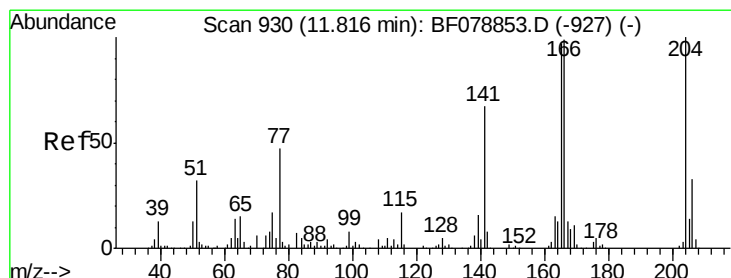
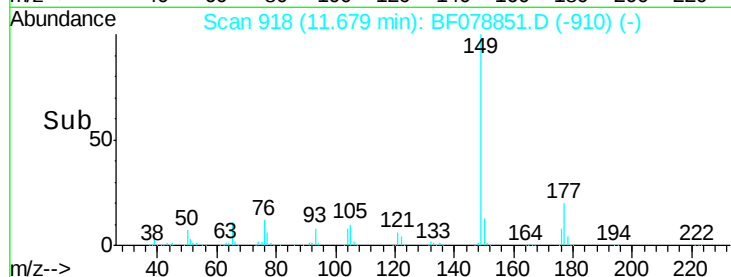
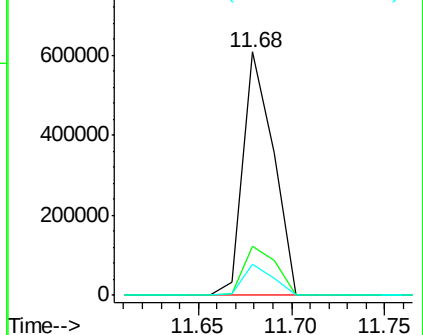
150 13.0 9.6 14.4



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: 57.42 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

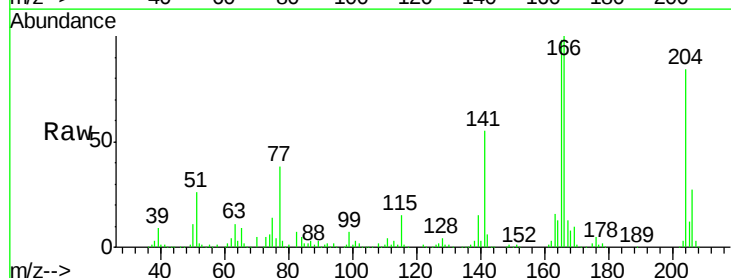
Tgt Ion:204 Resp: 308866

Ion Ratio Lower Upper

204 100

206 32.6 26.9 40.3

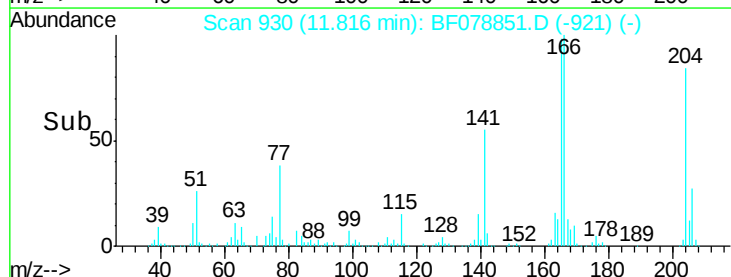
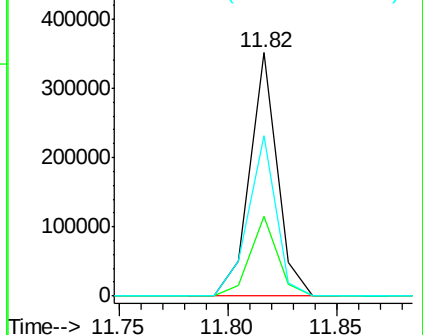
141 65.8 48.3 72.5



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

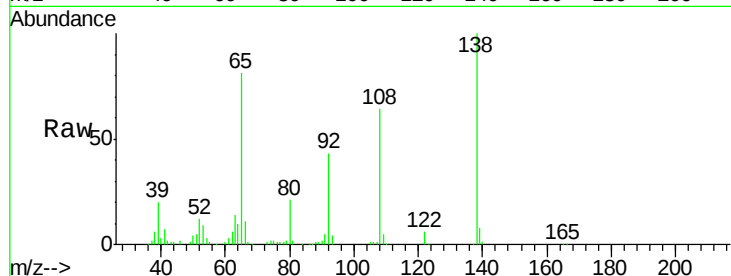




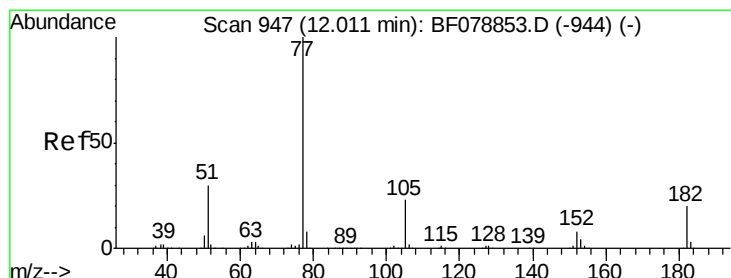
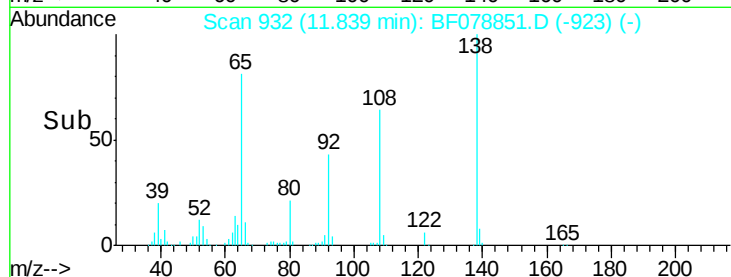
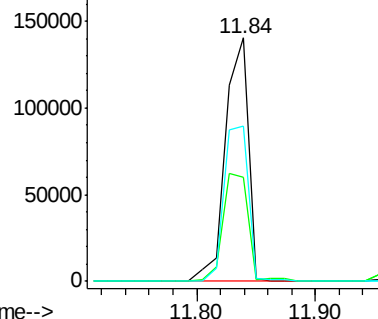
#61
4-Nitroaniline
Concen: 72.91 ng
RT: 11.84 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 190544
Ion Ratio Lower Upper
138 100
92 42.9 28.0 68.0
108 63.8 56.3 96.3

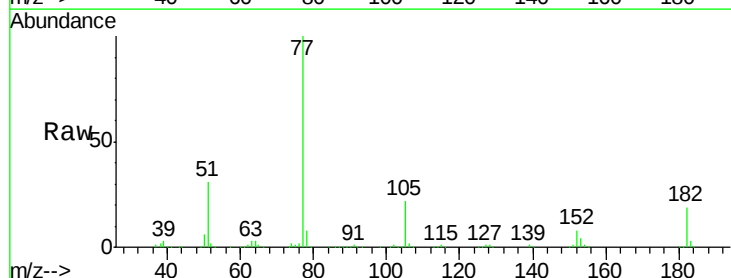


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

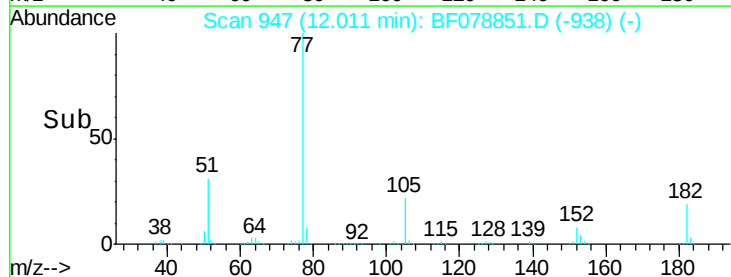
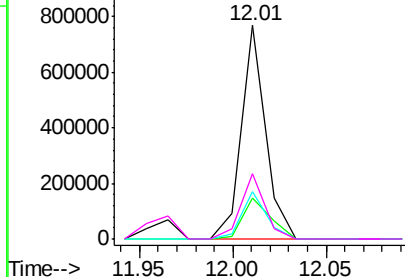


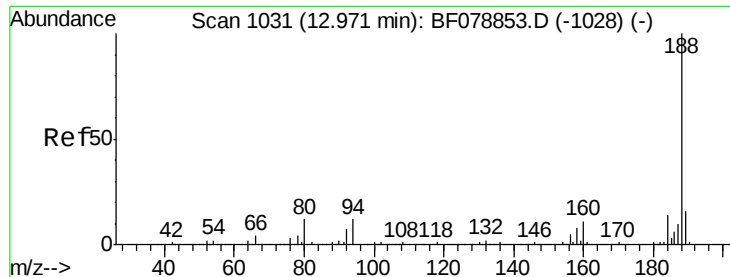
#62
Azobenzene
Concen: 56.31 ng
RT: 12.01 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion: 77 Resp: 694645
Ion Ratio Lower Upper
77 100
182 19.4 3.8 43.8
105 22.4 3.9 43.9
51 30.8 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

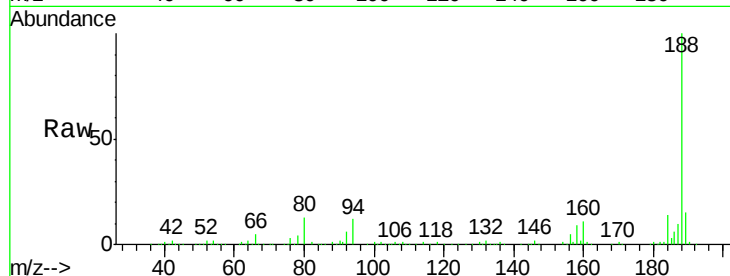




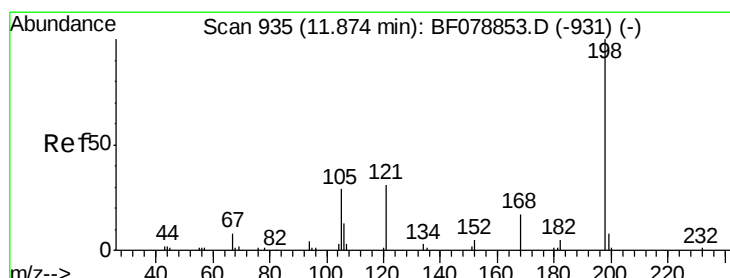
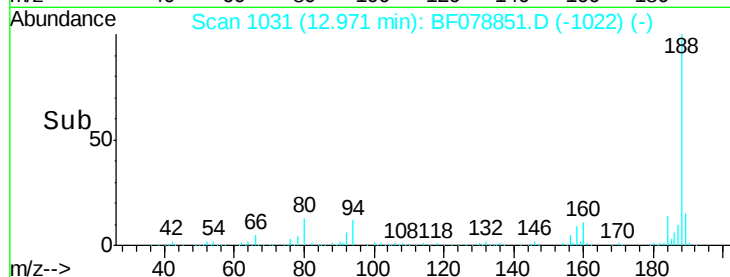
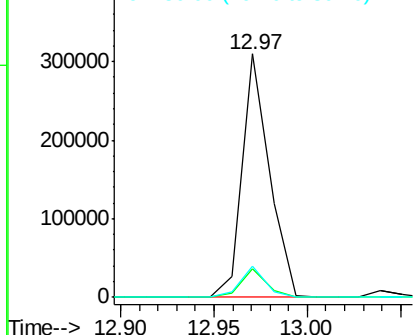
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 314177
Ion Ratio Lower Upper
188 100
94 12.0 8.2 12.2
80 12.9 8.9 13.3

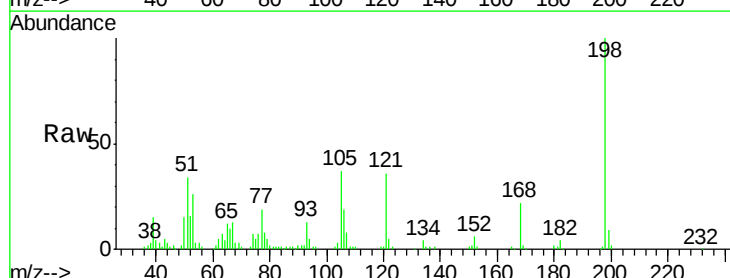


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

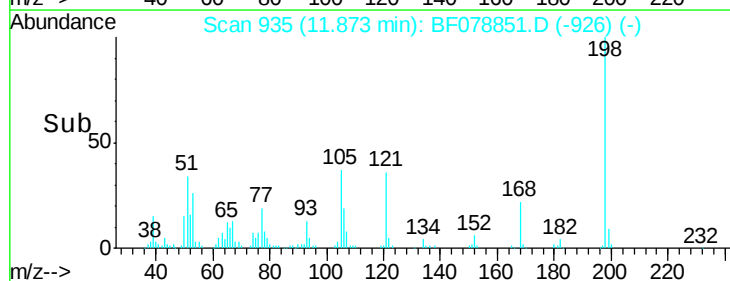
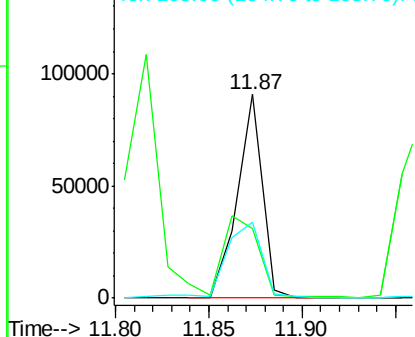


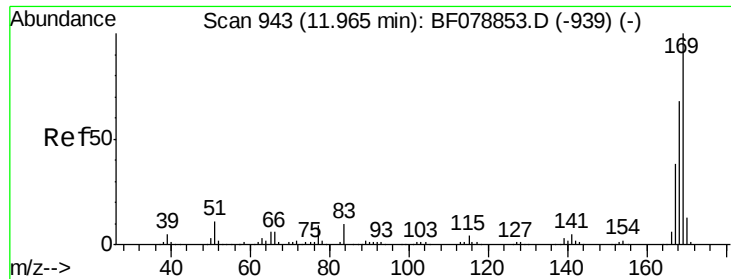
#64
4,6-Dinitro-2-methylphenol
Concen: 172.69 ng
RT: 11.87 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:198 Resp: 85730
Ion Ratio Lower Upper
198 100
51 33.9 47.3 87.3#
105 37.4 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

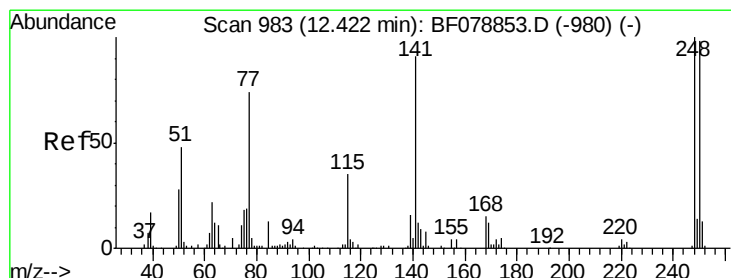
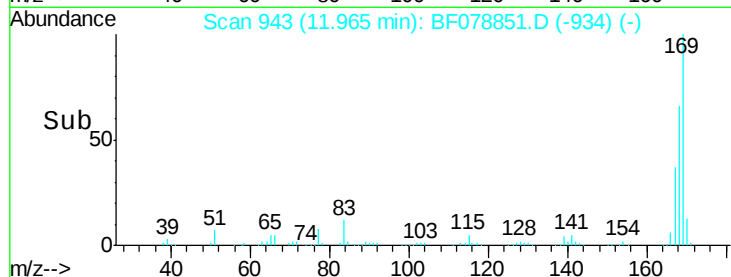
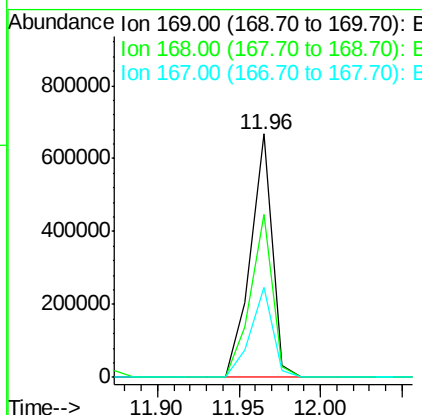
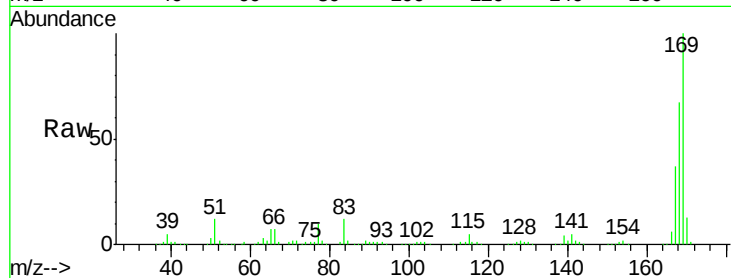




#65
 n-Nitrosodiphenylamine
 Concen: 61.39 ng
 RT: 11.96 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

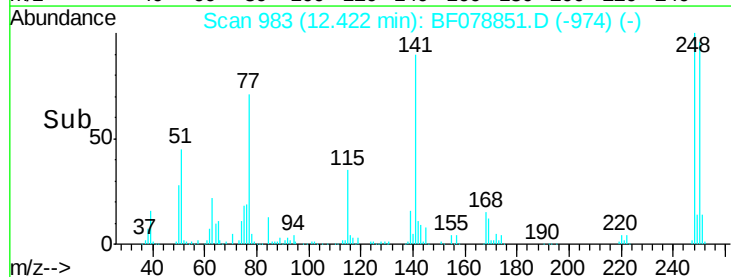
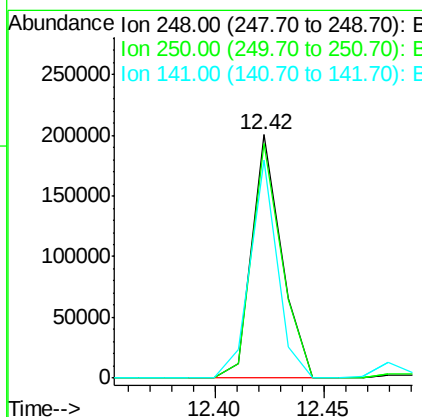
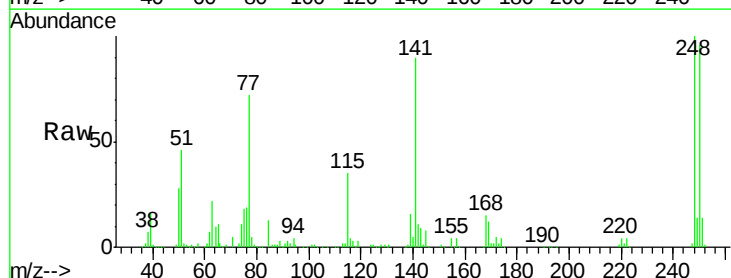
Instrument :
 BNA_F
 ClientSampleId :

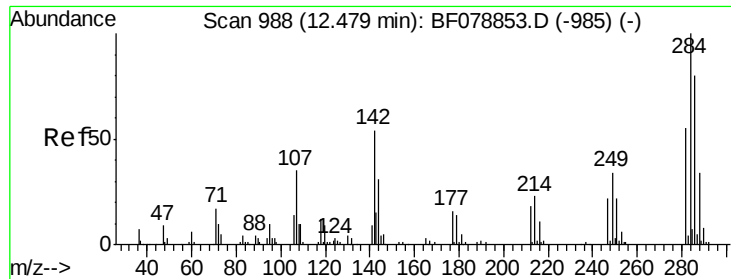
Tot Ion:169 Resp: 623611
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.6 82.0
 167 37.1 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 60.25 ng
 RT: 12.42 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:248 Resp: 191082
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 89.6 58.8 88.2#

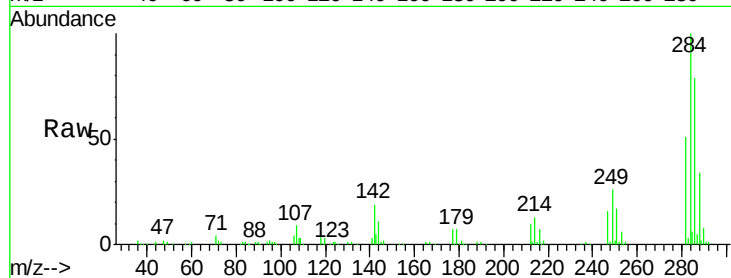




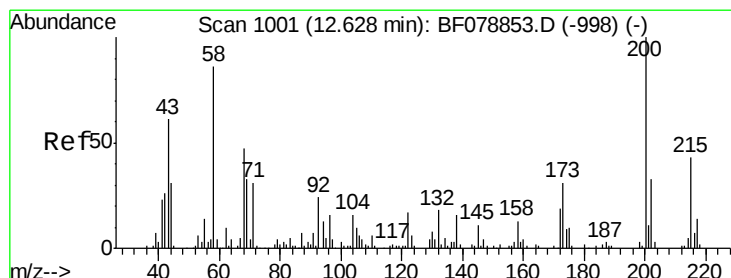
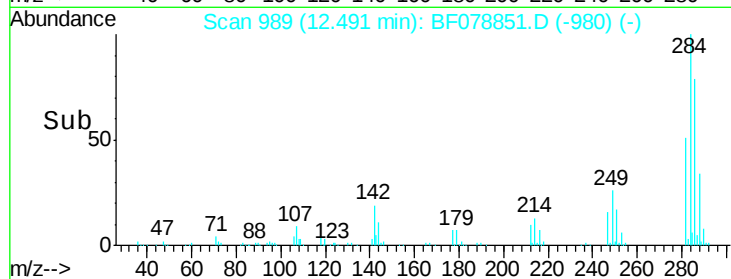
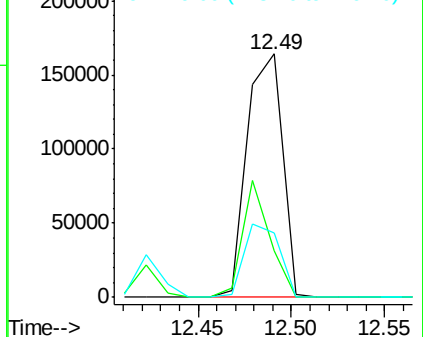
#67
Hexachlorobenzene
Concen: 60.04 ng
RT: 12.49 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 215704
Ion Ratio Lower Upper
284 100
142 19.0 35.2 52.8#
249 26.5 25.4 38.2

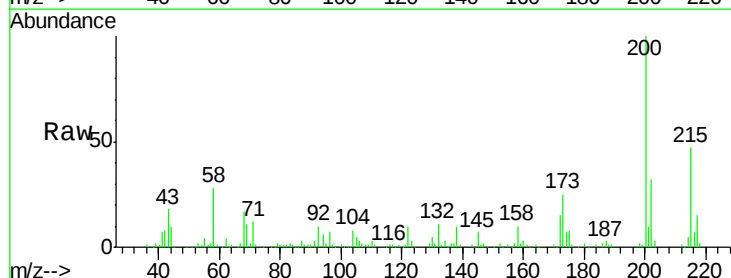


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

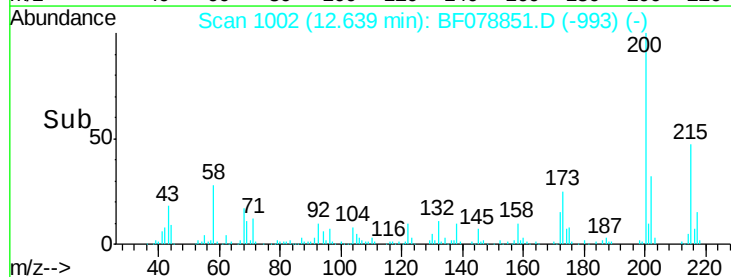
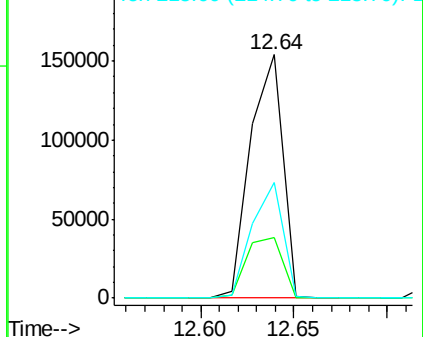


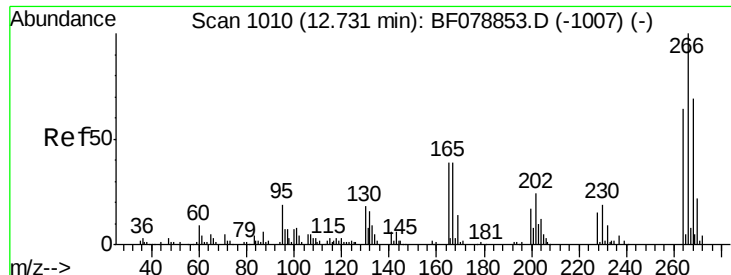
#68
Atrazine
Concen: 68.08 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:200 Resp: 185207
Ion Ratio Lower Upper
200 100
173 24.6 8.1 48.1
215 47.3 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

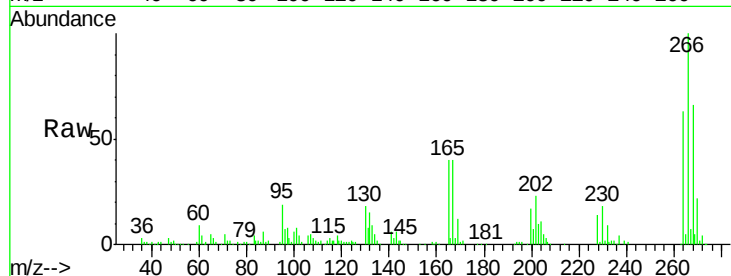




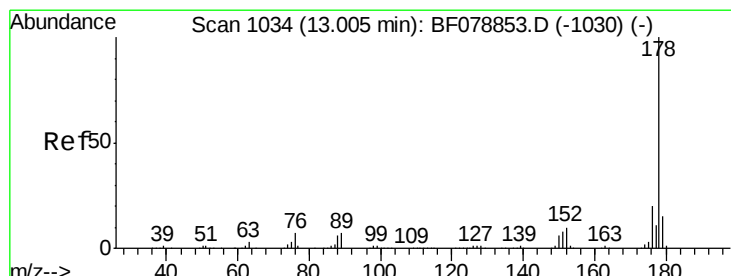
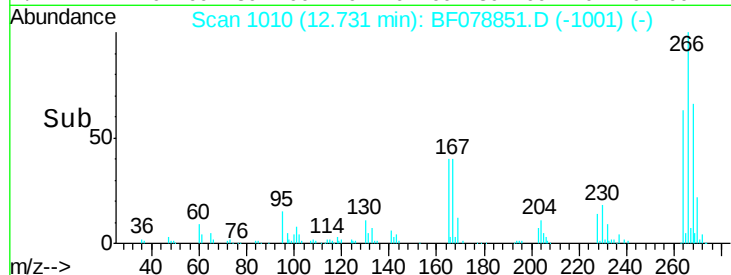
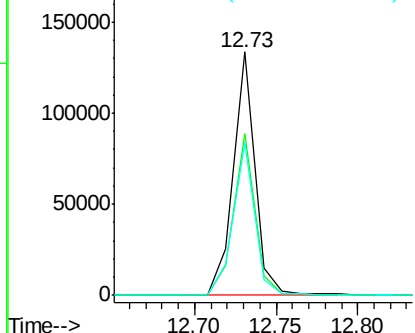
#69
 Pentachlorophenol
 Concen: 82.21 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 122958
 Ion Ratio Lower Upper
 266 100
 268 66.4 55.0 82.6
 264 62.7 48.2 72.2

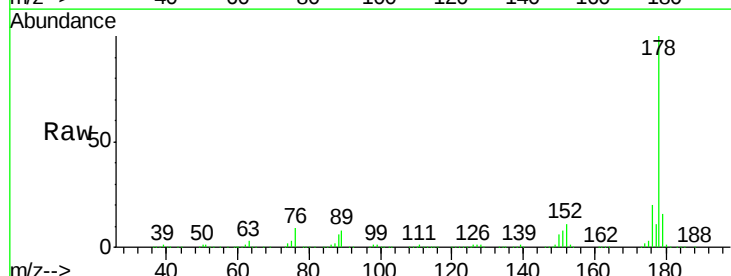


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

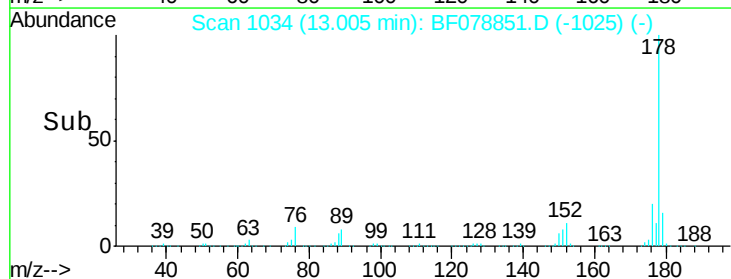
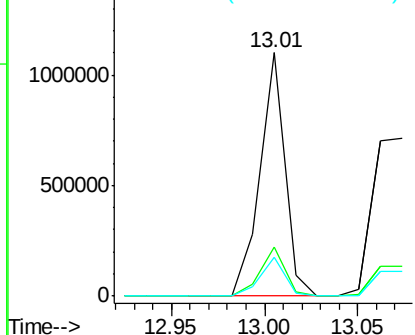


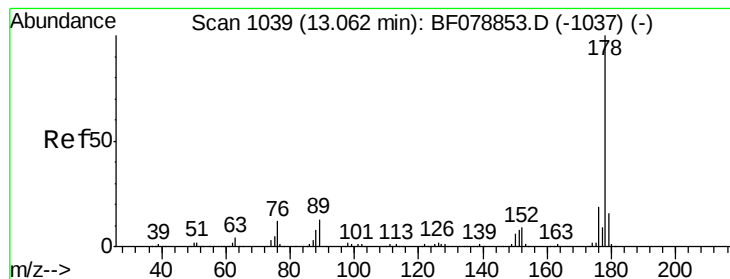
#70
 Phenanthrene
 Concen: 59.78 ng
 RT: 13.01 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:178 Resp: 1016907
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 12.5 18.7



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





#71

Anthracene

Concen: 60.14 ng

RT: 13.07 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

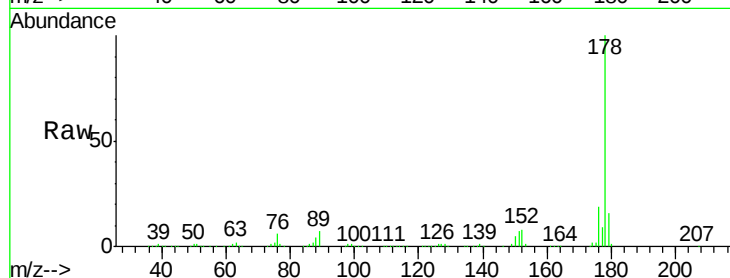
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 1000175

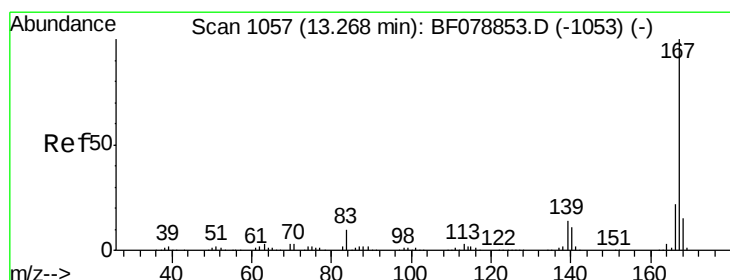
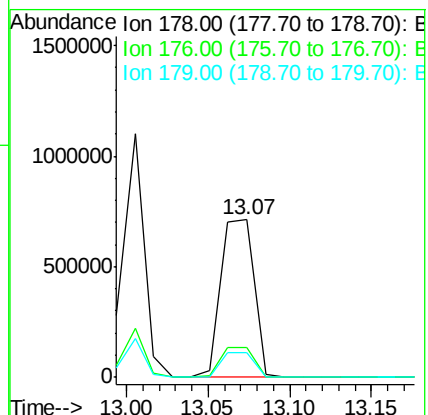
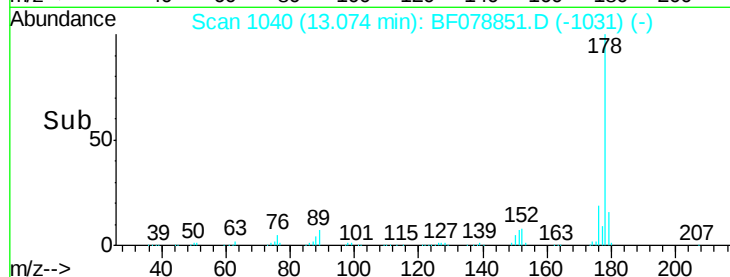
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.7	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 58.84 ng

RT: 13.27 min Scan# 1057

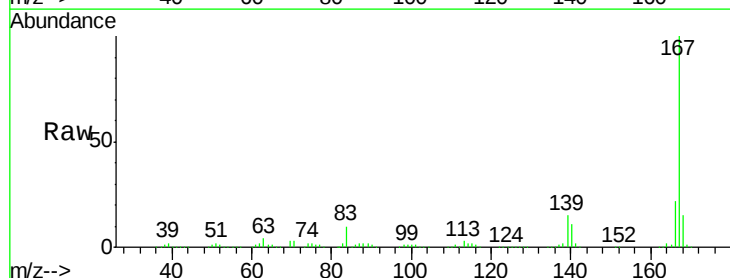
Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Tgt Ion:167 Resp: 924154

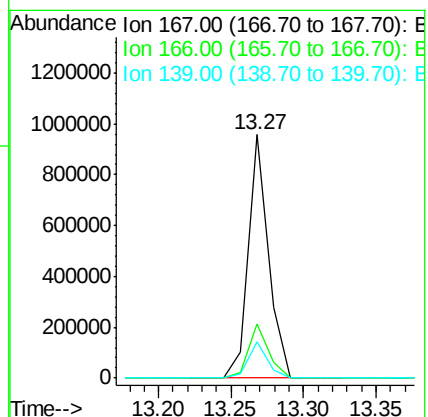
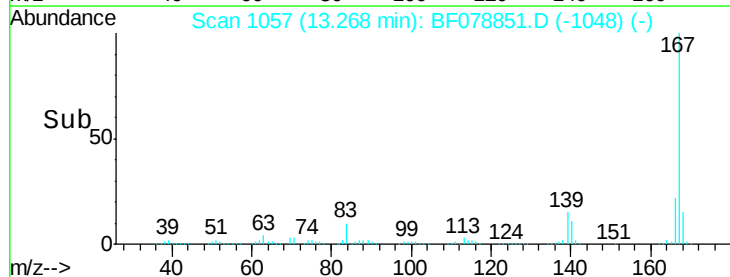
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.7	10.6	16.0

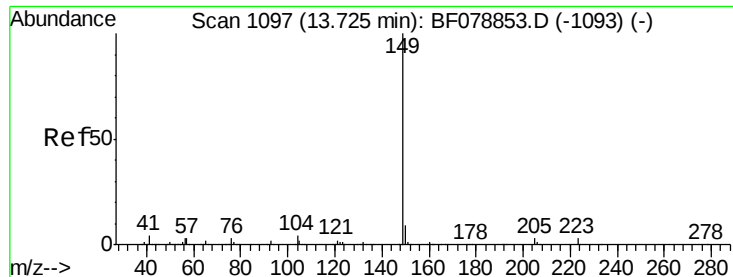


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 66.30 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

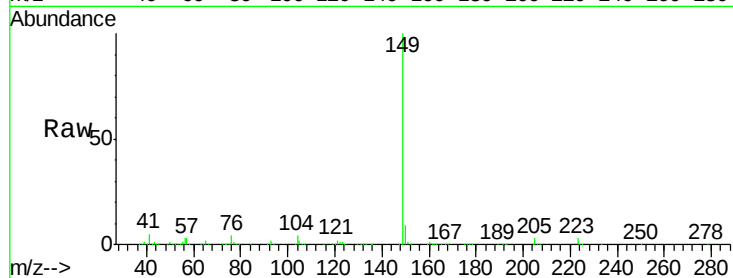
Tot Ion:149 Resp: 1206206

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

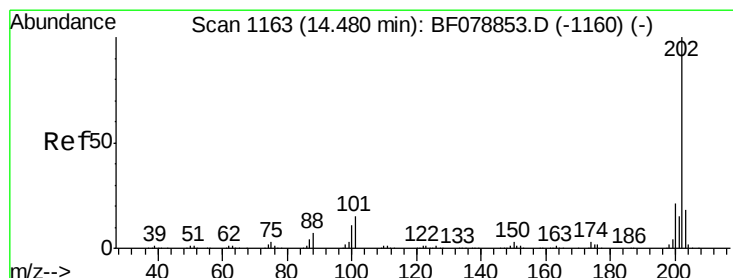
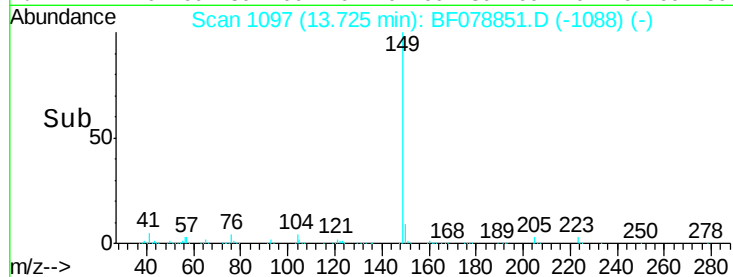
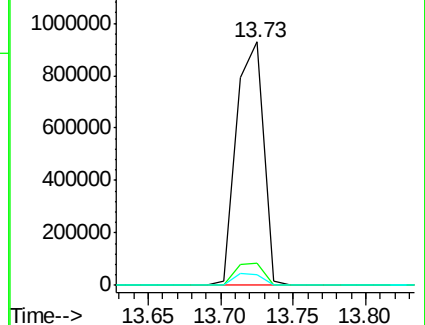
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 62.56 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

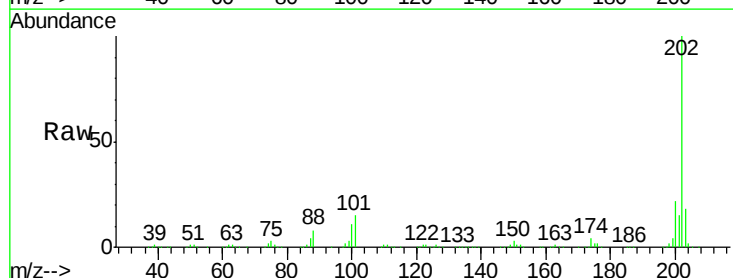
Tgt Ion:202 Resp: 1061299

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

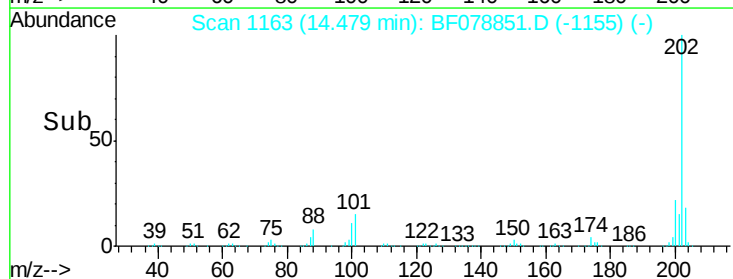
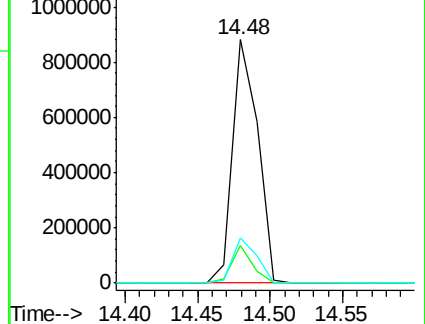
203 18.4 0.0 38.4

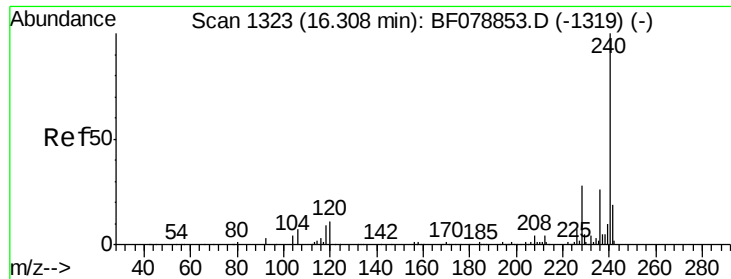


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

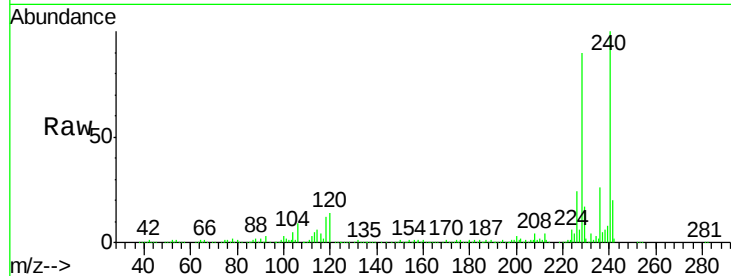
Tot Ion:240 Resp: 339939

Ion Ratio Lower Upper

240 100

120 13.9 9.7 14.5

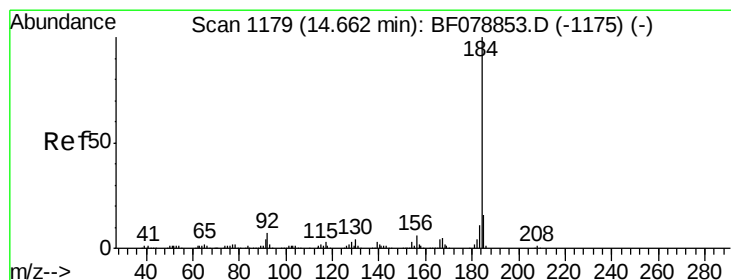
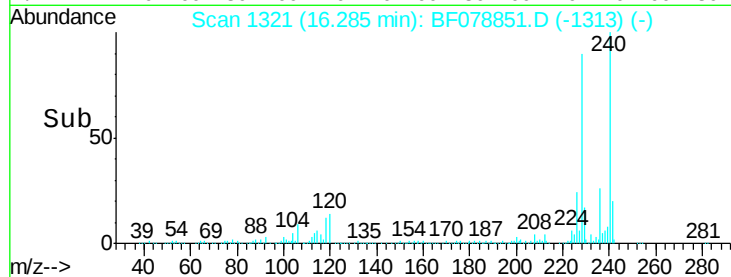
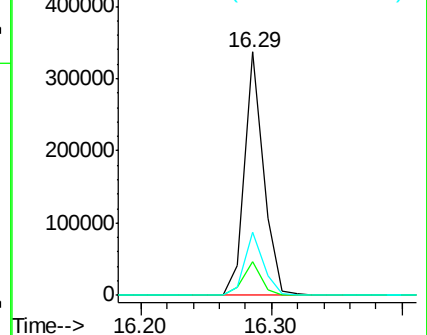
236 25.7 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.55 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

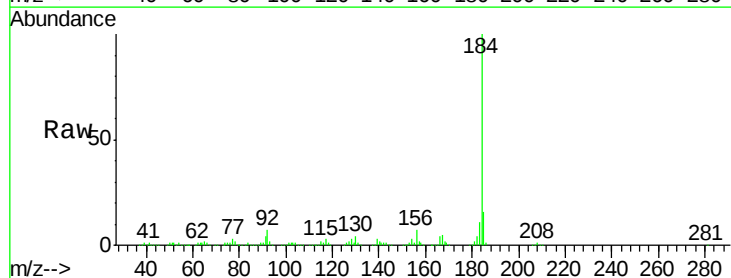
Tgt Ion:184 Resp: 578252

Ion Ratio Lower Upper

184 100

185 16.4 12.3 18.5

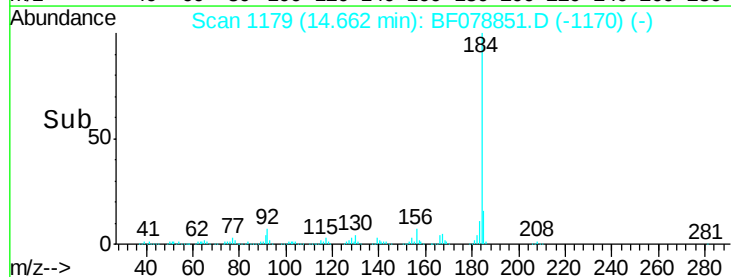
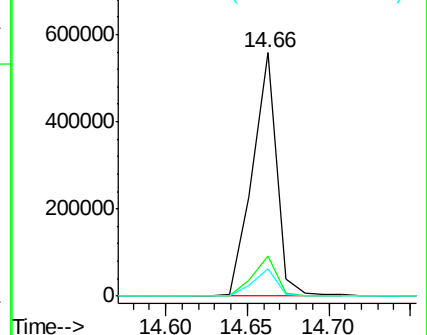
183 11.4 8.4 12.6

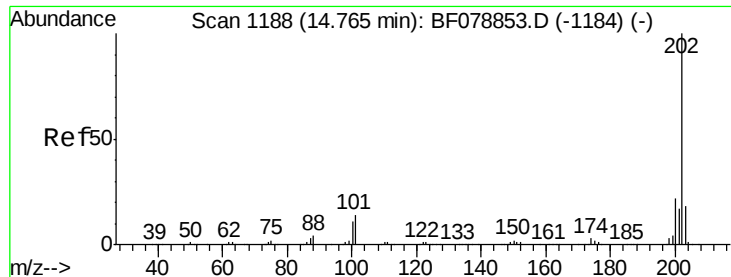


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 56.34 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

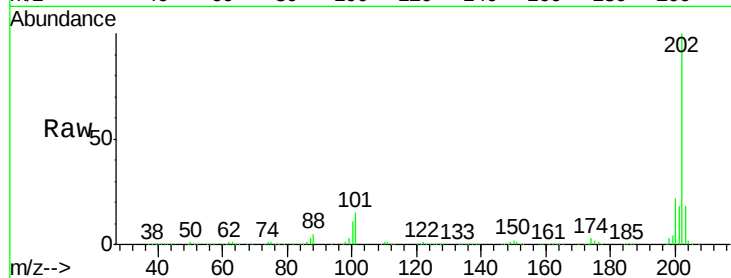
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1118967

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	18.2	13.9	20.9

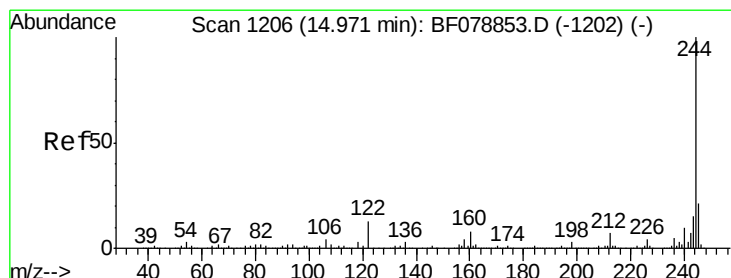
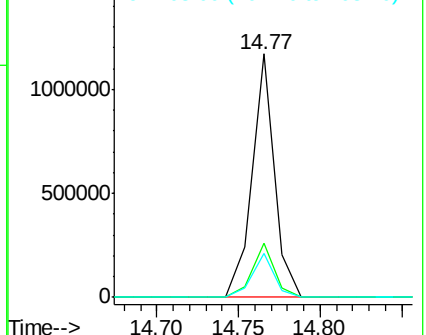
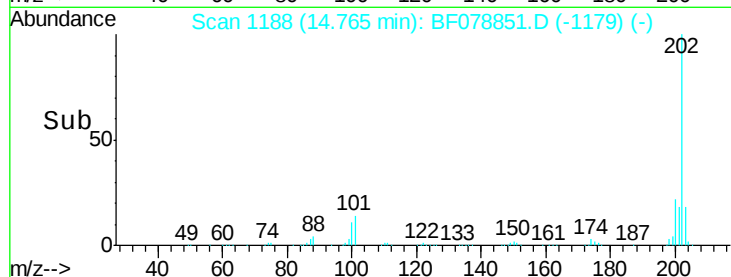


Abundance

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: 107.25 ng

RT: 14.97 min Scan# 1206

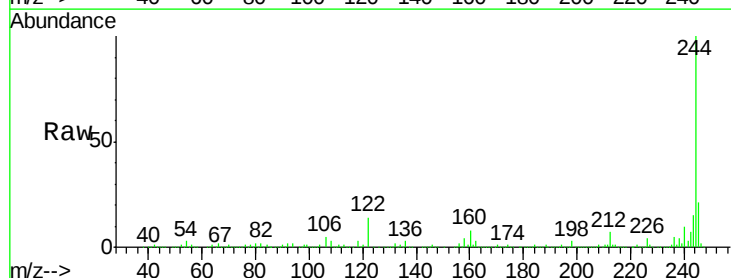
Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Tgt Ion:244 Resp: 1530924

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	14.0	10.3	15.5

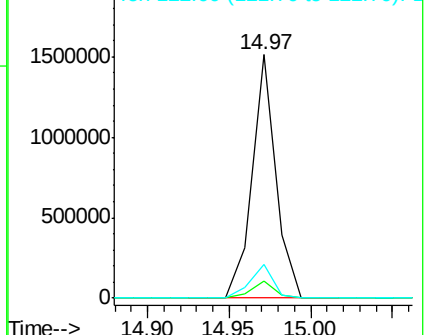
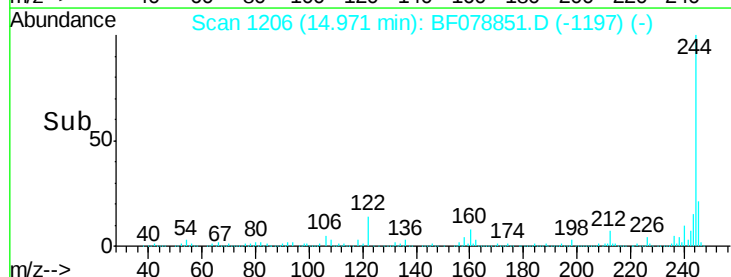


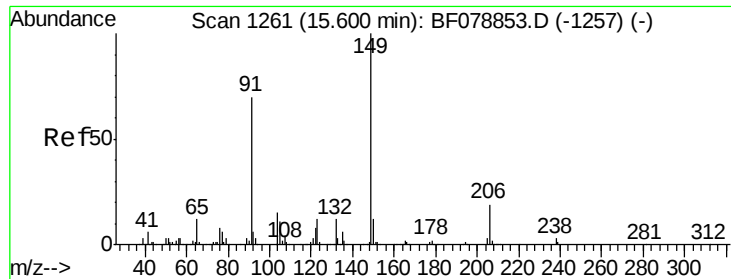
Abundance

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

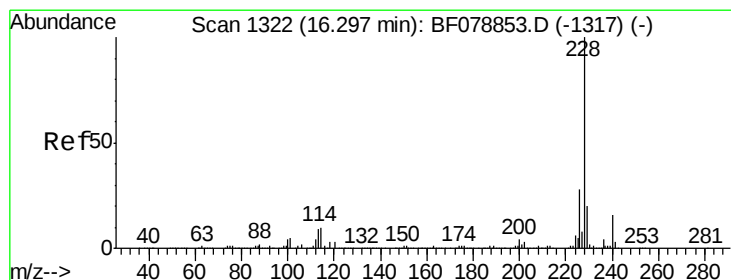
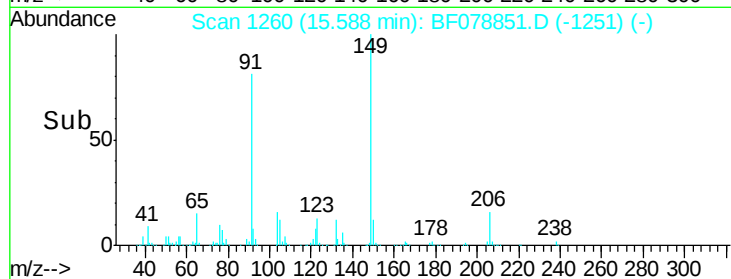
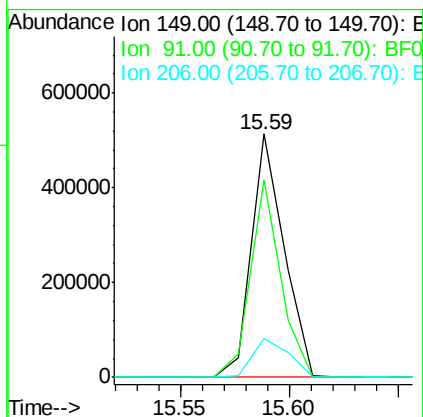
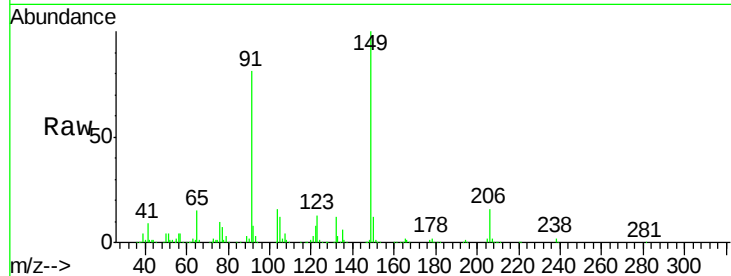




#79
Butylbenzylphthalate
Concen: 70.38 ng
RT: 15.59 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

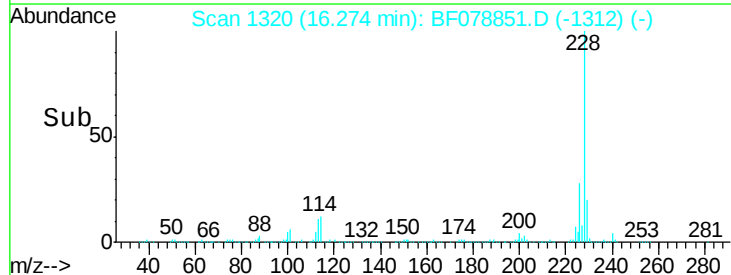
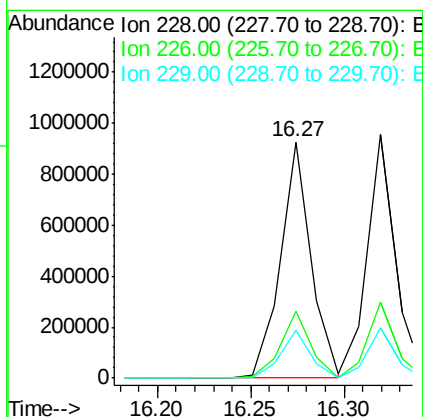
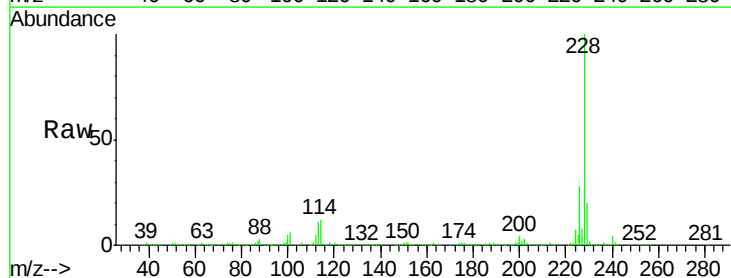
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 536010
Ion Ratio Lower Upper
149 100
91 81.3 64.6 97.0
206 16.0 12.2 18.4



#80
Benzo(a)anthracene
Concen: 57.90 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:228 Resp: 1056007
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.3 15.9 23.9

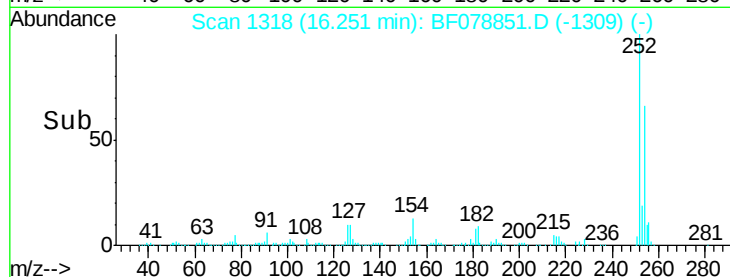
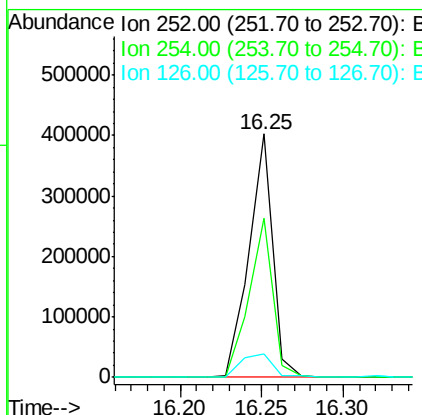
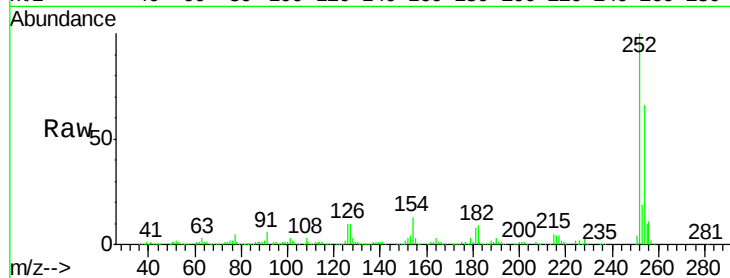




#81
 3,3'-Dichlorobenzidine
 Concen: 65.82 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

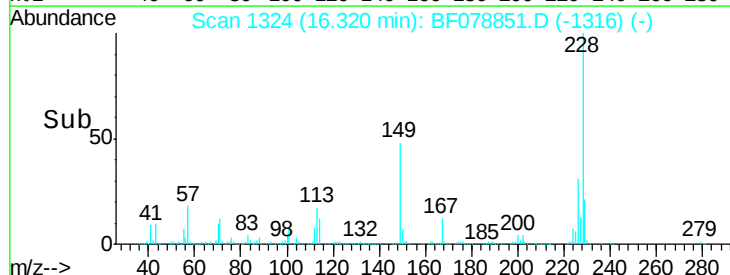
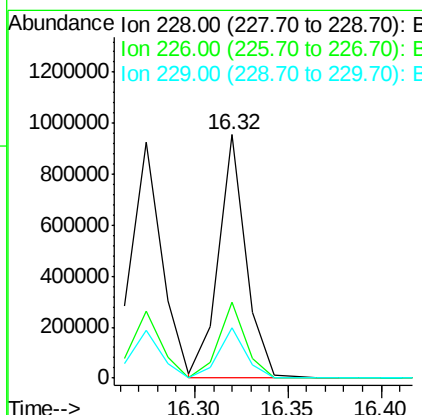
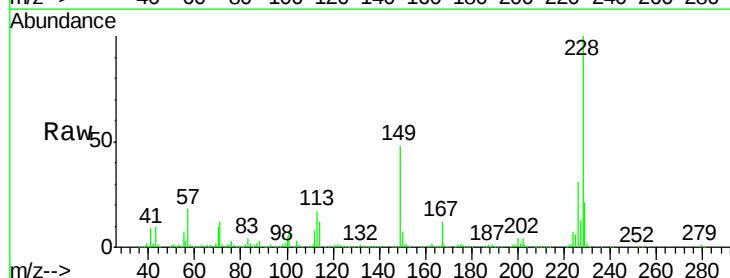
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 408575
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.3 76.9
 126 9.7 6.6 10.0



#82
 Chrysene
 Concen: 55.07 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:228 Resp: 978986
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.7 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 66.35 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

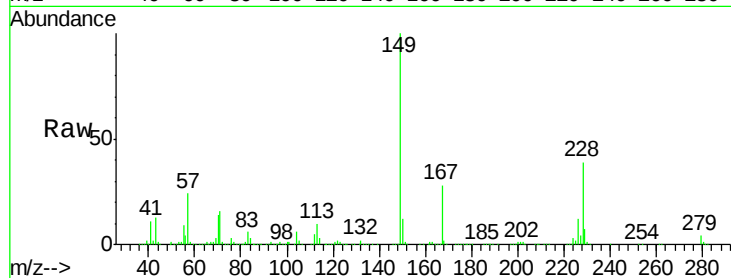
Tot Ion:149 Resp: 811208

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

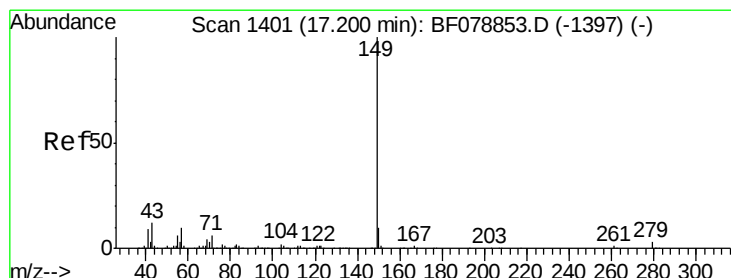
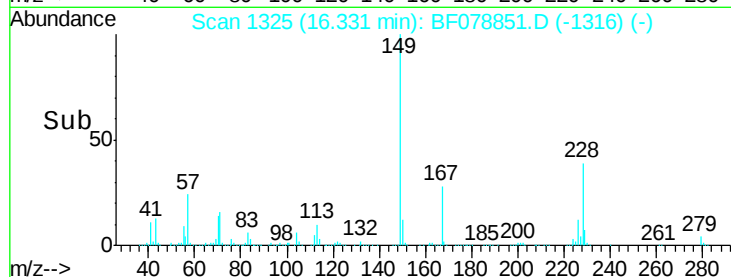
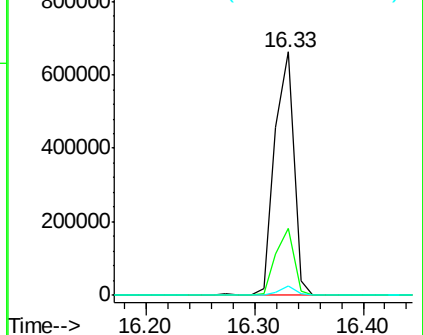
279 4.0 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 77.40 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

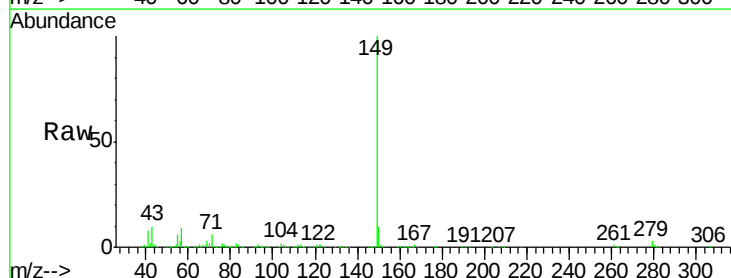
Tgt Ion:149 Resp: 1391506

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

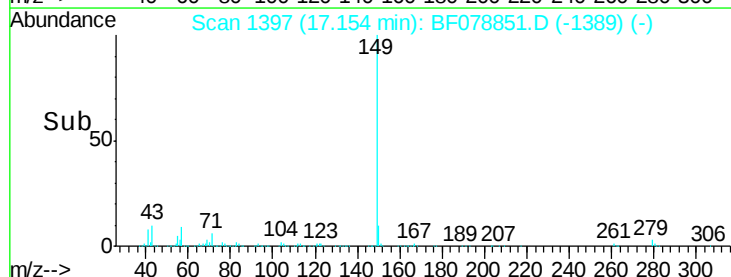
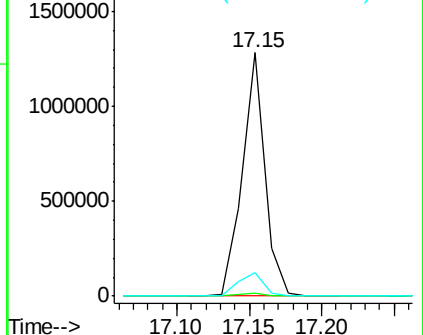
43 11.0 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

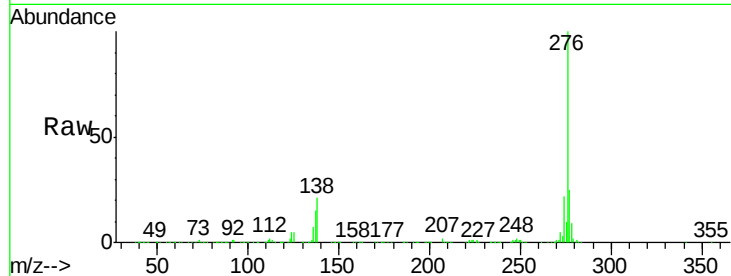




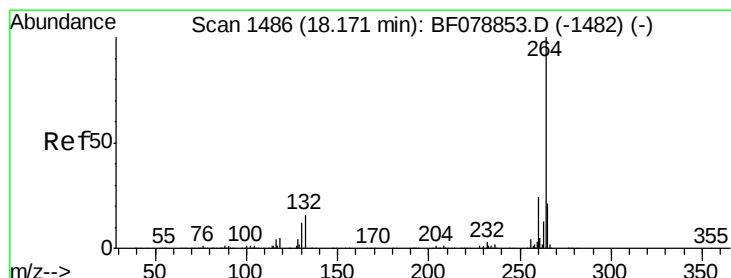
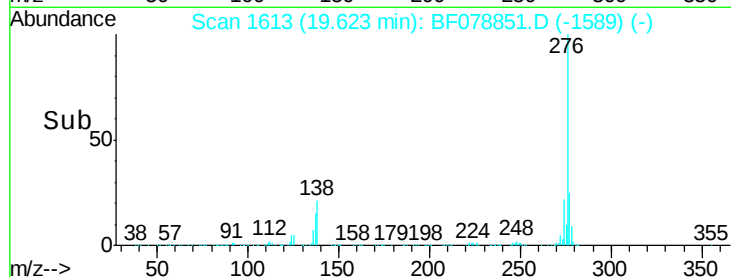
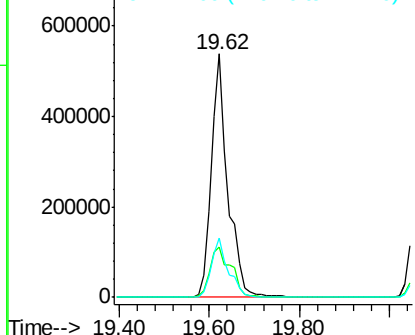
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.02 ng
 RT: 19.62 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1371864
 Ion Ratio Lower Upper
 276 100
 138 26.7 0.0 0.0#
 277 25.2 0.0 0.0#

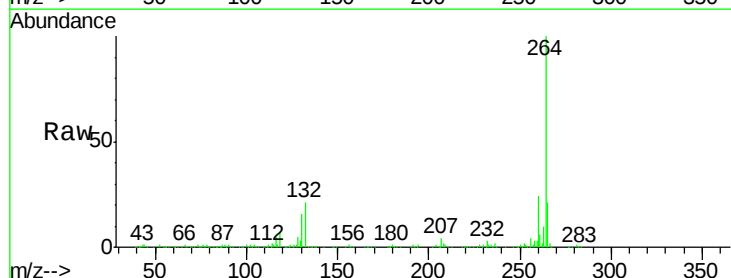


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

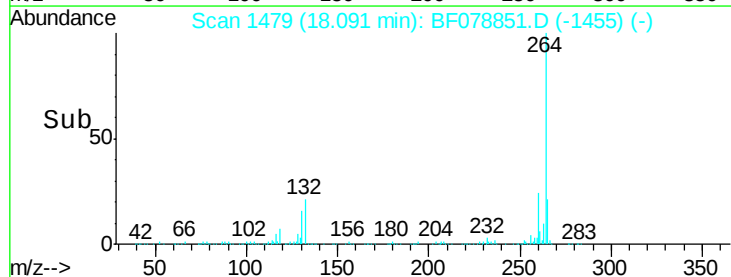
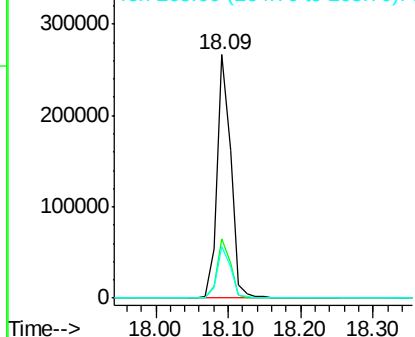


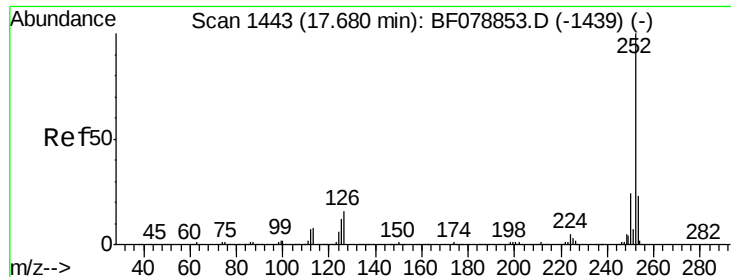
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Tgt Ion:264 Resp: 349971
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.2 18.3 27.5



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





#87

Benzo(b)fluoranthene

Concen: 60.09 ng

RT: 17.62 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

Instrument :

BNA_F

ClientSampleId :

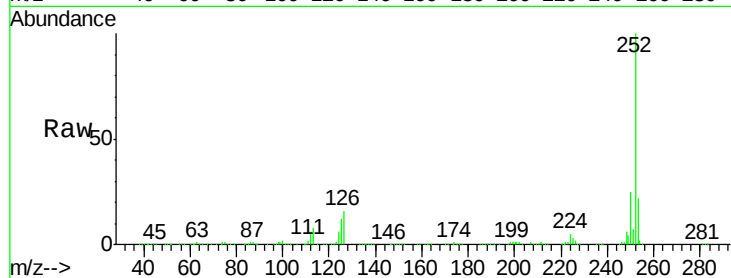
Tot Ion:252 Resp: 1138304

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

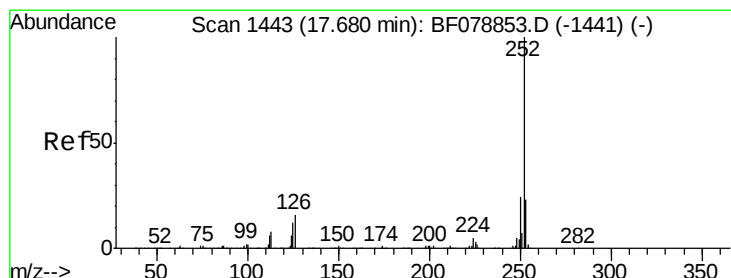
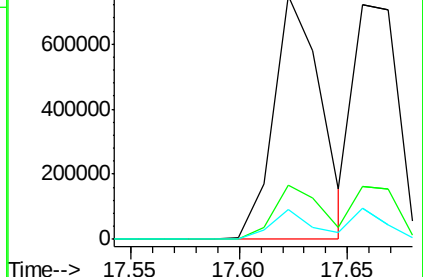
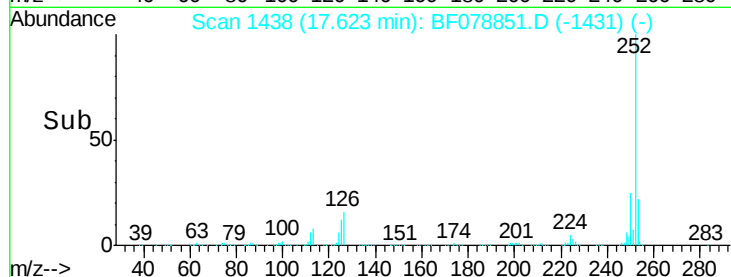
125 12.0 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.42 ng

RT: 17.66 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF078851.D

Acq: 30 Apr 2015 16:04

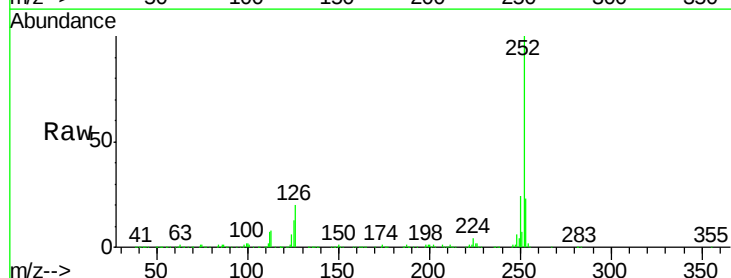
Tgt Ion:252 Resp: 1017453

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

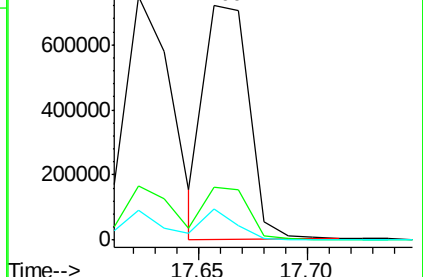
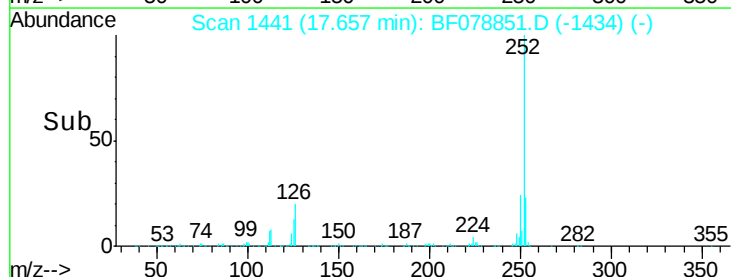
125 13.3 10.0 15.0

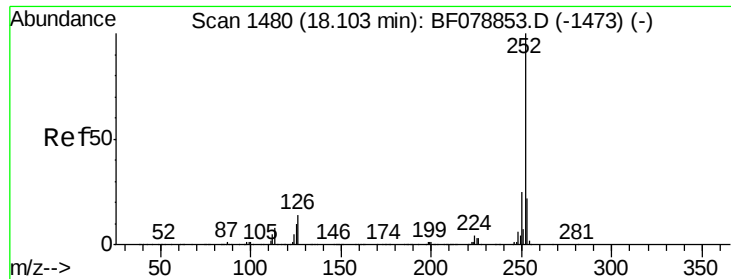


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

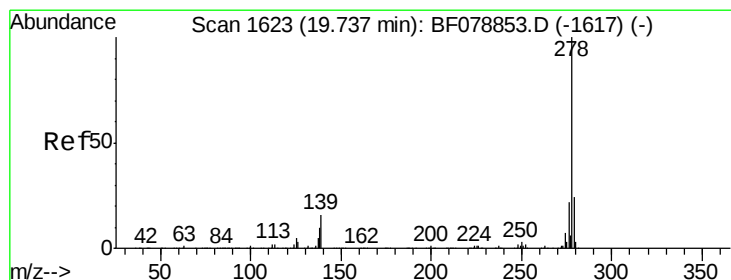
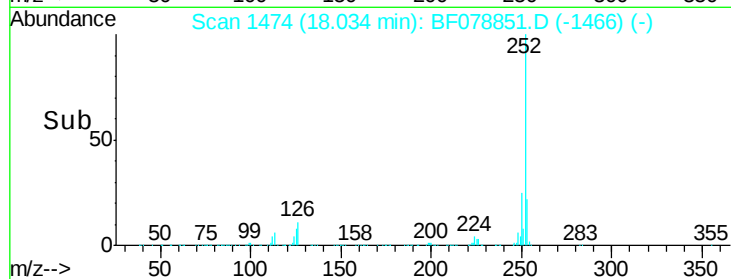
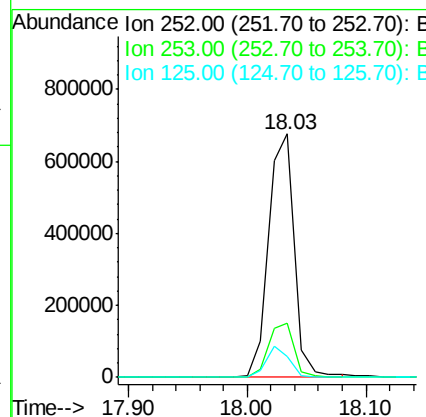
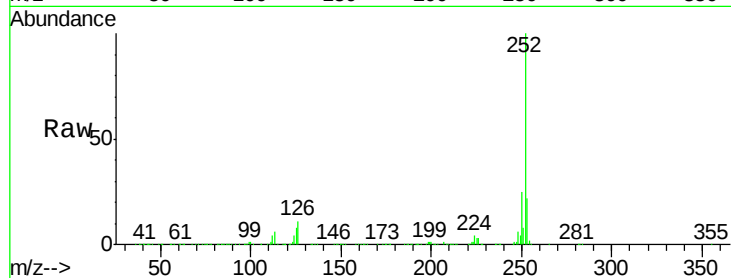




#89
Benzo(a)pyrene
Concen: 60.17 ng
RT: 18.03 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

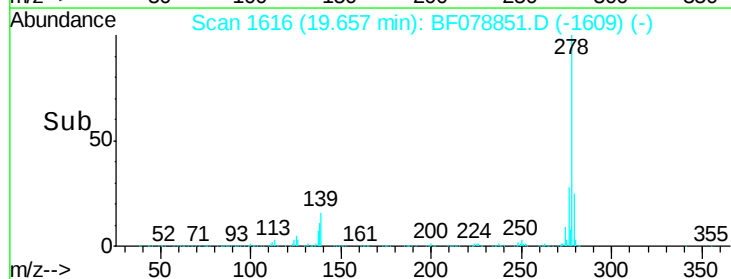
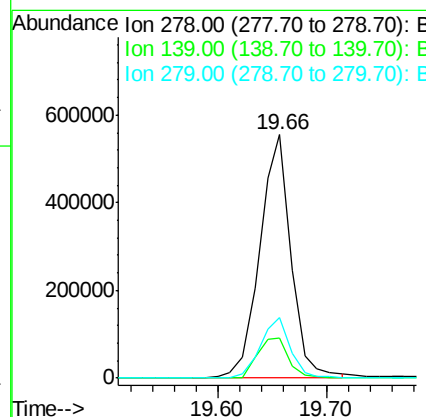
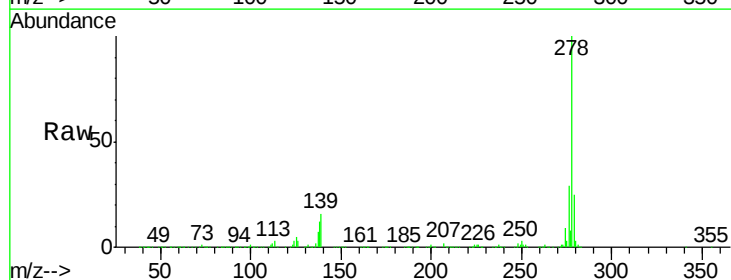
Instrument :
BNA_F
ClientSampleId :

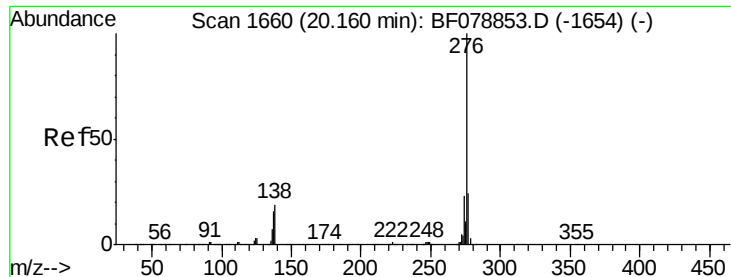
Tot Ion:252 Resp: 1019930
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.4 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 63.38 ng
RT: 19.66 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF078851.D
Acq: 30 Apr 2015 16:04

Tgt Ion:278 Resp: 1112637
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 24.7 19.6 29.4

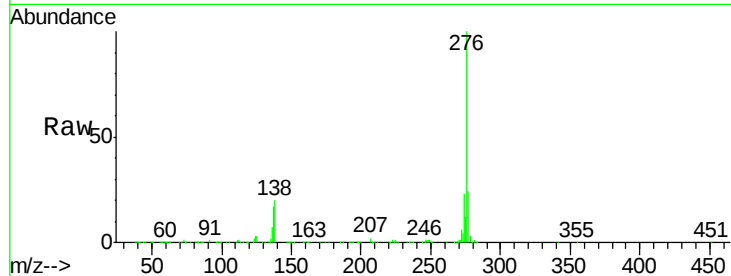




#91
 Benzo(a,h,i)perylene
 Concen: 63.20 ng
 RT: 20.08 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF078851.D
 Acq: 30 Apr 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1113563
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 28.0
 138 19.8 17.4 26.0



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

