

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078857.D
 Acq On : 30 Apr 2015 18:56
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 19:30:45 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 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87198	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	363415	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	173551	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	326231	20.00	ng	0.00
75) Chrysene-d12	16.29	240	339439	20.00	ng	-0.01
86) Perylene-d12	18.10	264	344928	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	390177	77.02	ng	0.00
7) Phenol-d6	6.91	99	491414	73.39	ng	-0.01
23) Nitrobenzene-d5	8.06	82	477213	75.47	ng	-0.01
41) 2,4,6-Tribromophenol	12.10	330	146923	78.25	ng	-0.01
44) 2-Fluorobiphenyl	10.30	172	965653	77.52	ng	0.00
78) Terphenyl-d14	14.97	244	1126524	79.46	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	86457	39.25	ng	# 18
3) Pyridine	3.11	79	232109	36.01	ng	99
4) n-Nitrosodimethylamine	3.03	42	108940	39.45	ng	88
6) Aniline	6.96	93	367989	38.93	ng	97
8) 2-Chlorophenol	7.10	128	215755	37.55	ng	94
9) Benzaldehyde	6.82	77	172939	38.34	ng	97
10) Phenol	6.94	94	302125	38.90	ng	93
11) bis(2-Chloroethyl)ether	7.06	93	209834	36.85	ng	87
12) 1,3-Dichlorobenzene	7.29	146	242560	37.56	ng	97
13) 1,4-Dichlorobenzene	7.39	146	253283	38.11	ng	98
14) 1,2-Dichlorobenzene	7.58	146	237050	38.31	ng	98
15) Benzyl Alcohol	7.54	79	184430	37.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.72	45	329773	37.85	ng	99
17) 2-Methylphenol	7.69	107	172703	37.35	ng	93
18) Hexachloroethane	8.00	117	88037	38.46	ng	96
19) n-Nitroso-di-n-propylamine	7.88	70	180524	39.92	ng	# 87
20) 3+4-Methylphenols	7.87	107	233831	37.96	ng	93
22) Acetophenone	7.87	105	299918	36.53	ng	# 91
24) Nitrobenzene	8.08	77	233894	37.32	ng	96
25) Isophorone	8.39	82	451751	38.54	ng	# 91
26) 2-Nitrophenol	8.48	139	105542	40.68	ng	94
27) 2,4-Dimethylphenol	8.54	122	201410	38.80	ng	95
28) bis(2-Chloroethoxy)methane	8.66	93	285287	39.48	ng	98
29) 2,4-Dichlorophenol	8.76	162	175100	37.93	ng	92
30) 1,2,4-Trichlorobenzene	8.88	180	193542	38.17	ng	97
31) Naphthalene	8.97	128	640085	36.96	ng	99
32) Benzoic acid	8.63	122	110389	35.80	ng	96
33) 4-Chloroaniline	9.04	127	280241	38.25	ng	94
34) Hexachlorobutadiene	9.13	225	111757	38.27	ng	98
35) Caprolactam	9.47	113	60637	40.62	ng	93
36) 4-Chloro-3-methylphenol	9.64	107	197959	40.83	ng	90
37) 2-Methylnaphthalene	9.84	142	459581	38.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	188215	38.51	ng	# 100
40) Hexachlorocyclopentadiene	10.02	237	94595	38.49	ng	100

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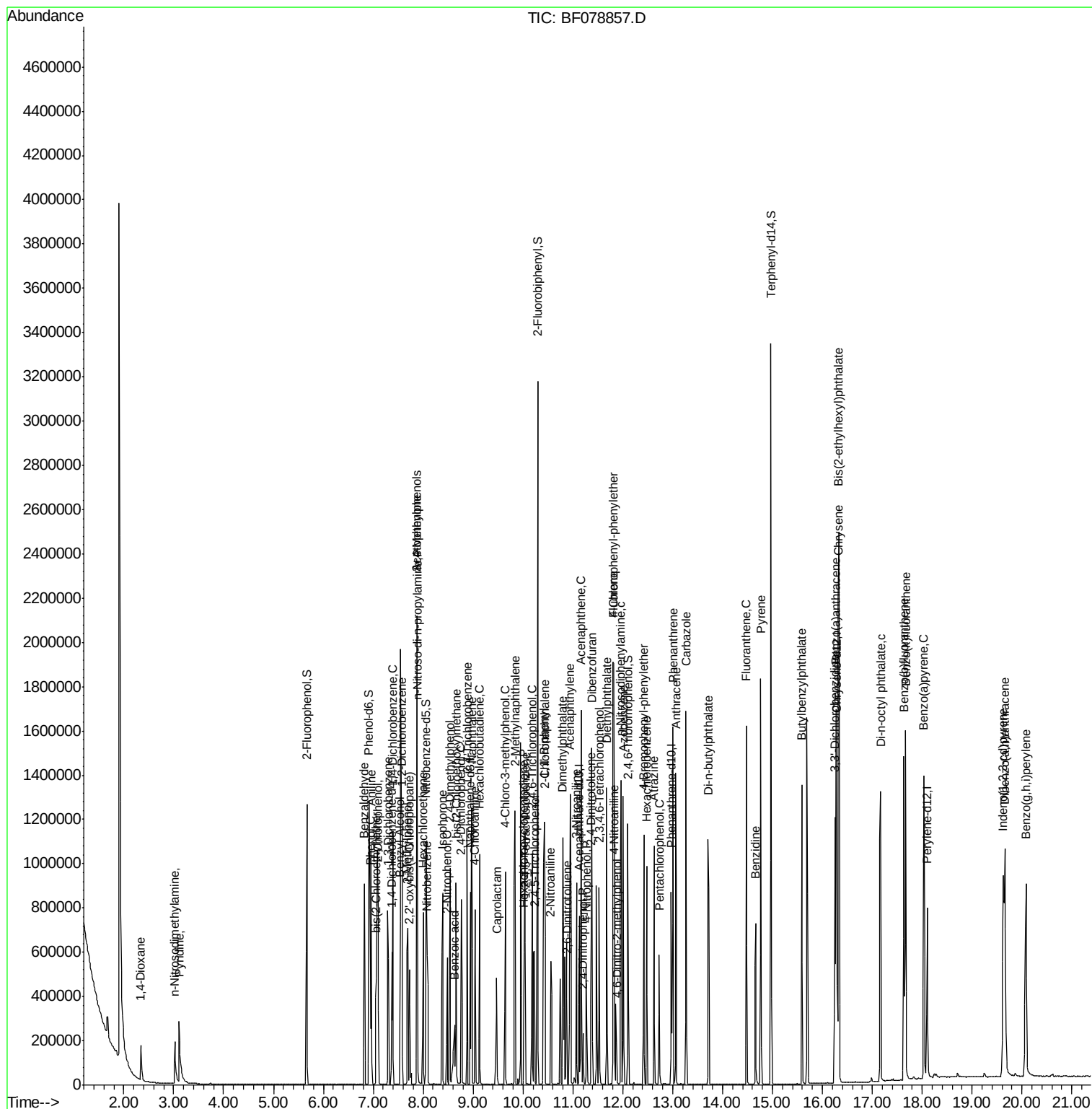
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	134616	40.06	nq	95
43) 2,4,5-Trichlorophenol	10.23	196	134853	39.69	nq #	88
45) 1,1'-Biphenyl	10.42	154	527215	38.21	nq	96
46) 2-Chloronaphthalene	10.43	162	402545	37.40	nq	98
47) 2-Nitroaniline	10.56	65	118205	37.91	nq	90
48) Acenaphthylene	10.95	152	673413	38.11	nq	99
49) Dimethylphthalate	10.80	163	473657	37.19	nq	99
50) 2,6-Dinitrotoluene	10.88	165	97309	38.71	nq #	65
51) Acenaphthene	11.16	154	399820	37.94	nq	99
52) 3-Nitroaniline	11.07	138	120578	38.40	nq #	82
53) 2,4-Dinitrophenol	11.20	184	25803	38.08	nq #	66
54) Dibenzofuran	11.38	168	581564	38.21	nq	99
55) 4-Nitrophenol	11.27	139	89826	36.14	nq #	69
56) 2,4-Dinitrotoluene	11.37	165	131927	39.70	nq #	68
57) Fluorene	11.81	166	466774	37.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.53	232	108444	39.06	nq #	100
59) Diethylphthalate	11.68	149	490502	38.87	nq	99
60) 4-Chlorophenyl-phenylether	11.82	204	213953	38.60	nq	95
61) 4-Nitroaniline	11.83	138	117877	37.52	nq	95
62) Azobenzene	12.01	77	484667	38.98	nq	97
64) 4,6-Dinitro-2-methylphenol	11.87	198	47763	38.30	nq #	58
65) n-Nitrosodiphenylamine	11.97	169	424654	39.09	nq	98
66) 4-Bromophenyl-phenylether	12.42	248	130201	38.29	nq	94
67) Hexachlorobenzene	12.48	284	146276	37.64	nq	93
68) Atrazine	12.63	200	119561	37.84	nq	98
69) Pentachlorophenol	12.73	266	76953	37.79	nq	98
70) Phenanthrene	13.01	178	698609	38.28	nq	99
71) Anthracene	13.06	178	675250	37.71	nq	100
72) Carbazole	13.27	167	655673	38.42	nq	99
73) Di-n-butylphthalate	13.71	149	805597	39.36	nq	99
74) Fluoranthene	14.48	202	733728	38.58	nq	99
76) Benzidine	14.66	184	370736	40.53	nq	100
77) Pyrene	14.77	202	781439	39.95	nq	99
79) Butylbenzylphthalate	15.59	149	346221	40.49	nq	98
80) Benzo(a)anthracene	16.27	228	723252	38.91	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	267728	40.44	nq #	98
82) Chrysene	16.32	228	681049	38.09	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	547387	42.27	nq	97
84) Di-n-octyl phthalate	17.17	149	904059	39.64	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.62	276	898025	39.42	nq #	100
87) Benzo(b)fluoranthene	17.63	252	700340	37.09	nq	98
88) Benzo(k)fluoranthene	17.67	252	595923	32.60	nq #	98
89) Benzo(a)pyrene	18.03	252	675852	38.88	nq #	97
90) Dibenzo(a,h)anthracene	19.66	278	720982	39.02	nq	98
91) Benzo(g,h,i)perylene	20.08	276	714145	38.57	nq	99

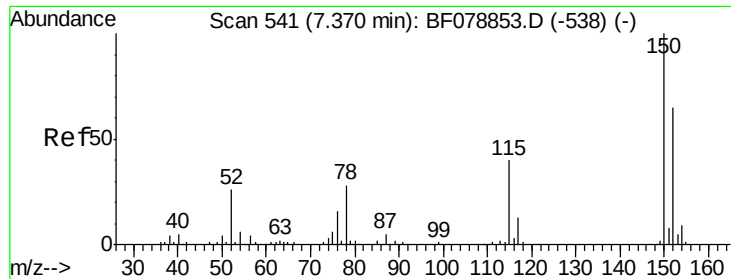
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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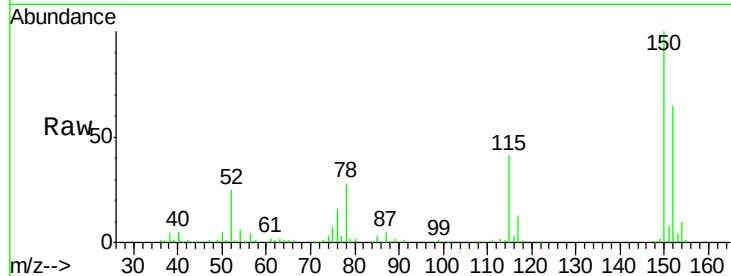


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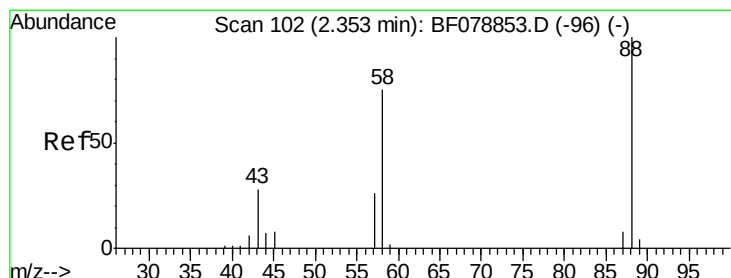
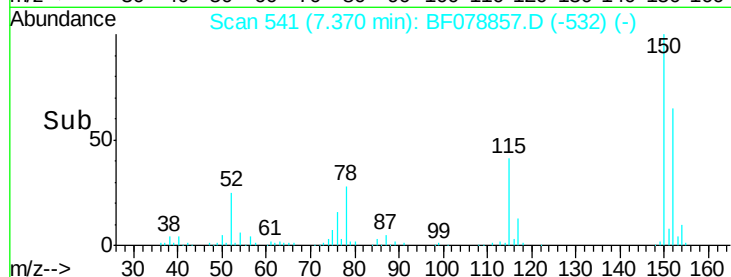
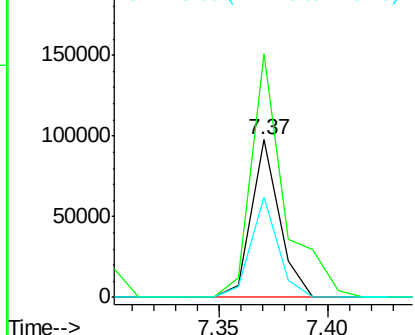
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87198
Ion Ratio Lower Upper
152 100
150 154.7 122.0 183.0
115 63.5 46.3 69.5



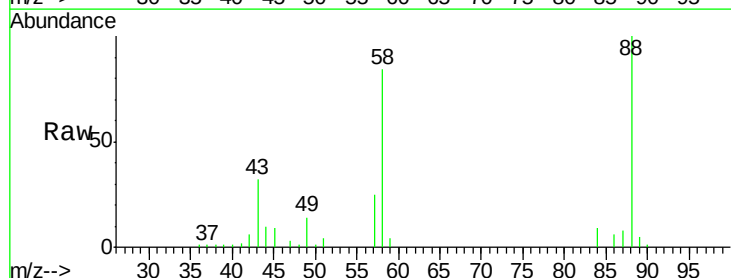
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



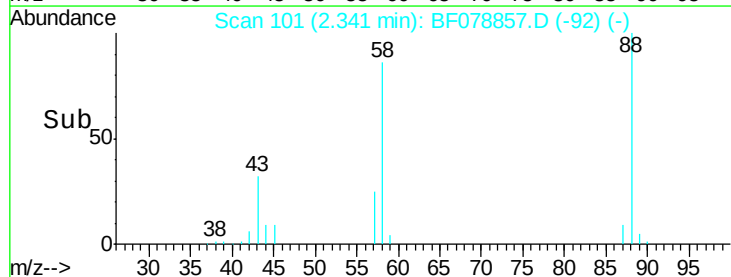
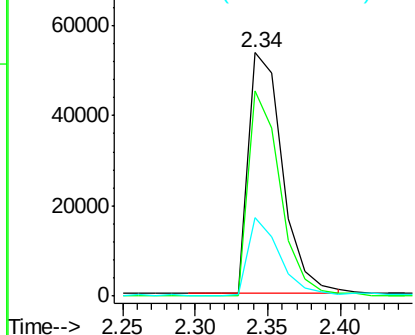
#2

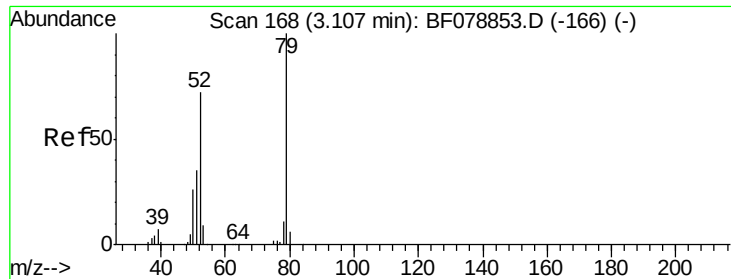
1,4-Dioxane
Concen: 39.25 ng
RT: 2.34 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion: 88 Resp: 86457
Ion Ratio Lower Upper
88 100
58 79.9 0.0 0.0#
43 31.0 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

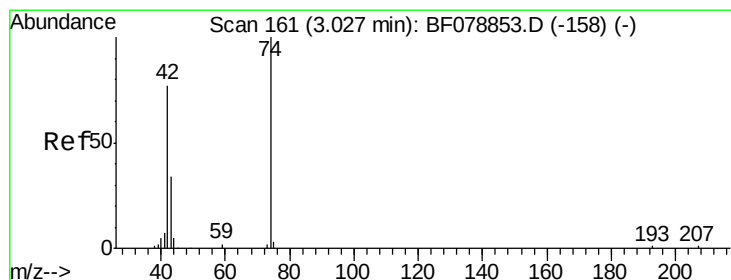
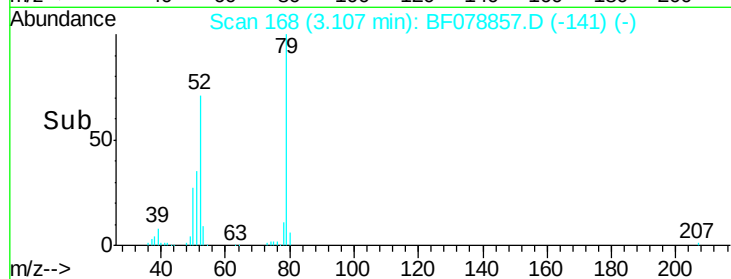
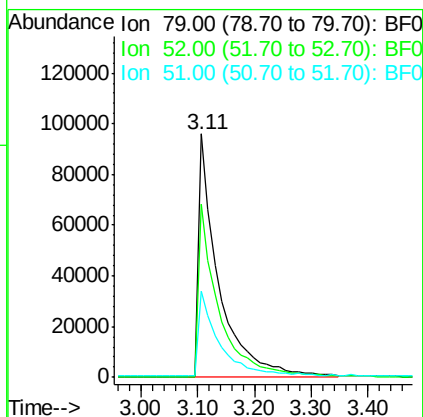
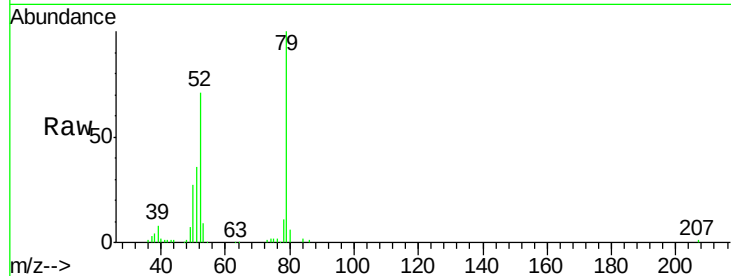




#3
 Pvridine
 Concen: 36.01 ng
 RT: 3.11 min Scan# 168
 Delta R.T. 0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

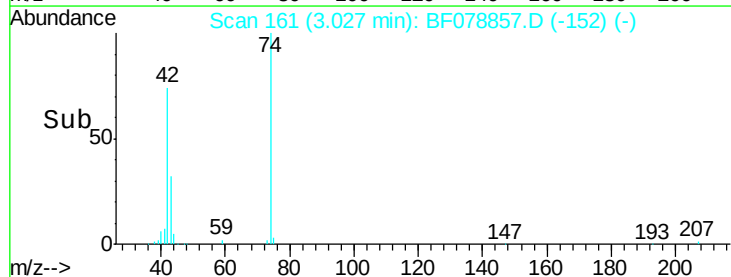
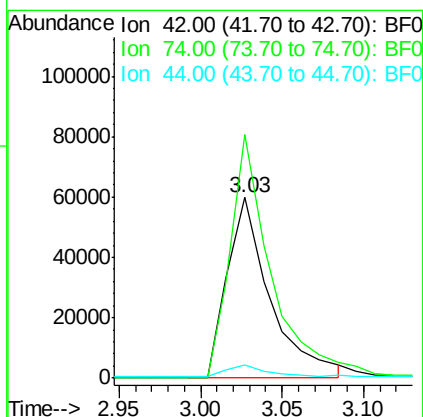
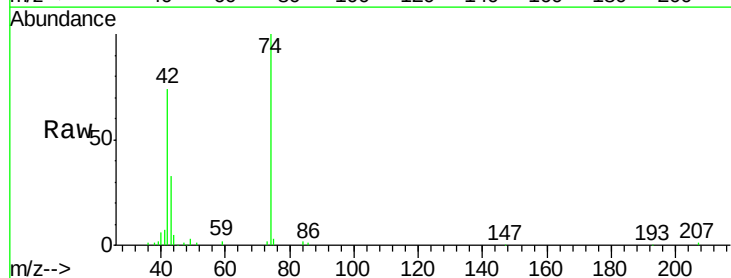
Instrument :
 BNA_F
 ClientSampleId :

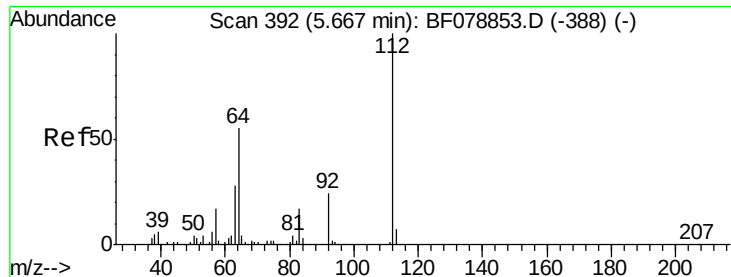
Tot Ion: 79 Resp: 232109
 Ion Ratio Lower Upper
 79 100
 52 71.0 57.2 85.8
 51 35.6 28.9 43.3



#4
 n-Nitrosodimethylamine
 Concen: 39.45 ng
 RT: 3.03 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion: 42 Resp: 108940
 Ion Ratio Lower Upper
 42 100
 74 134.8 96.5 144.7
 44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 77.02 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampled :

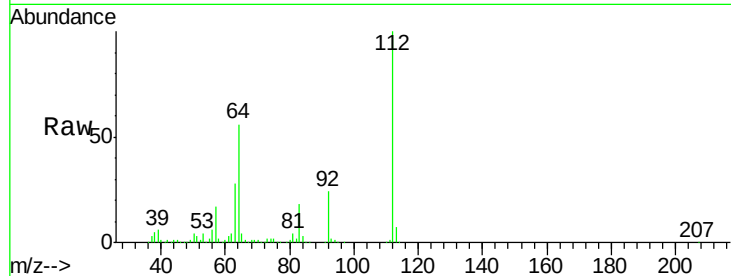
Tot Ion:112 Resp: 390177

Ion Ratio Lower Upper

112 100

64 55.5 53.5 80.3

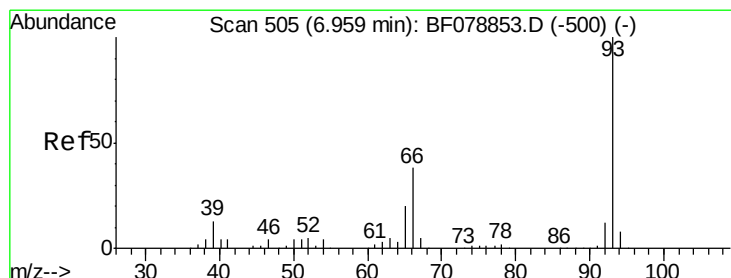
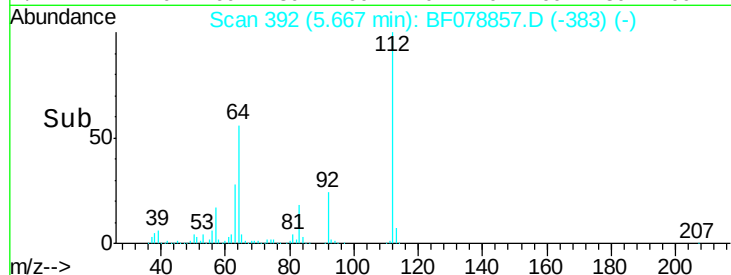
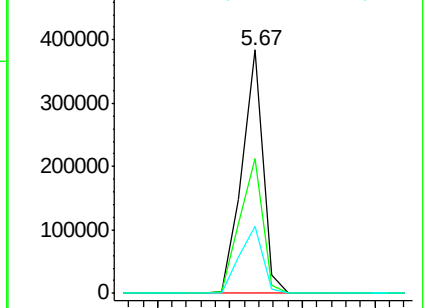
63 27.7 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.93 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

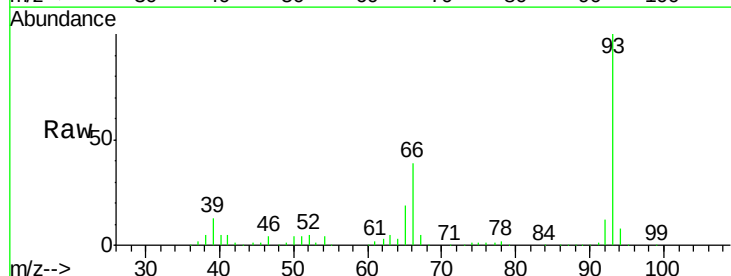
Tgt Ion: 93 Resp: 367989

Ion Ratio Lower Upper

93 100

66 38.9 29.7 44.5

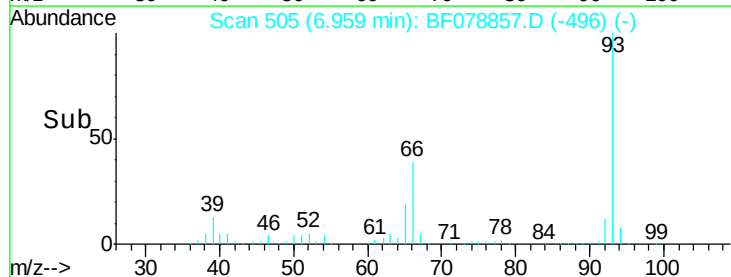
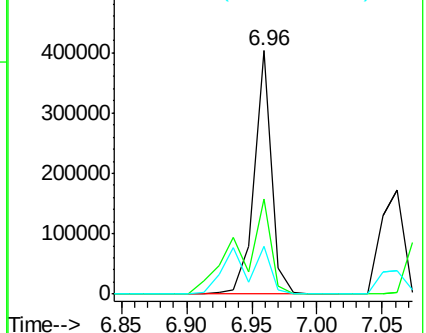
65 19.5 14.6 22.0

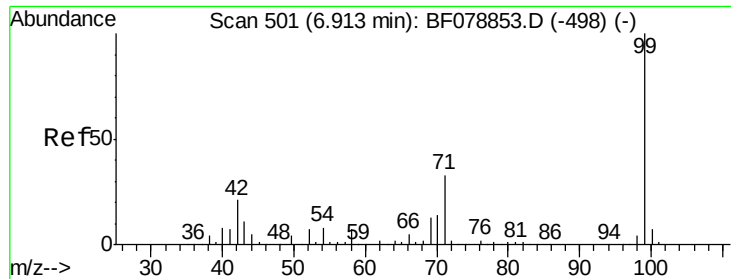


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.39 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

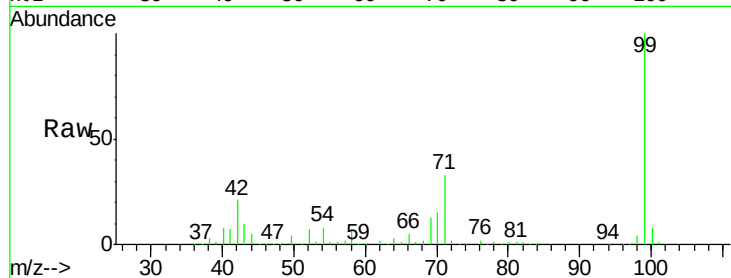
Tot Ion: 99 Resp: 491414

Ion Ratio Lower Upper

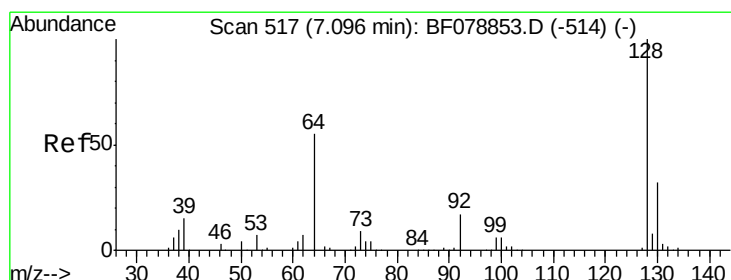
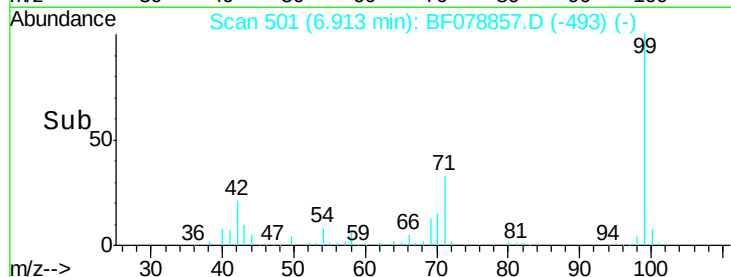
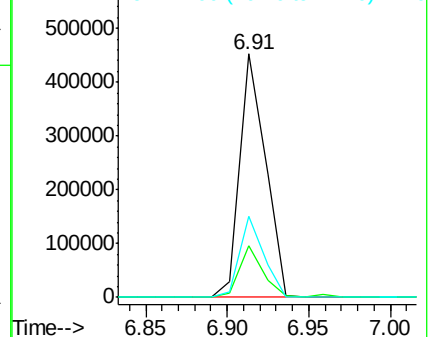
99 100

42 21.2 12.8 19.2#

71 33.3 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: 37.55 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

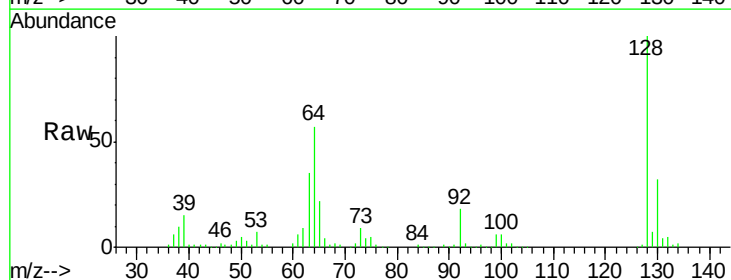
Tgt Ion: 128 Resp: 215755

Ion Ratio Lower Upper

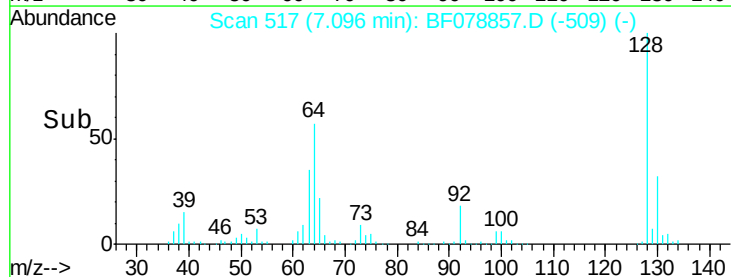
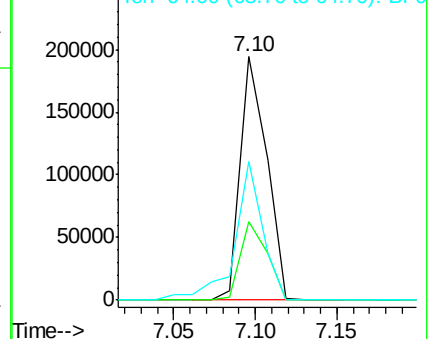
128 100

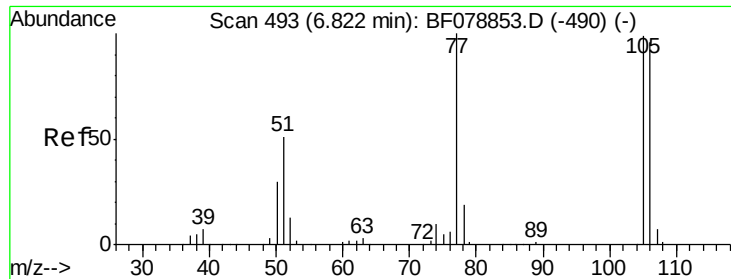
130 32.0 12.1 52.1

64 56.8 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: 38.34 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampled :

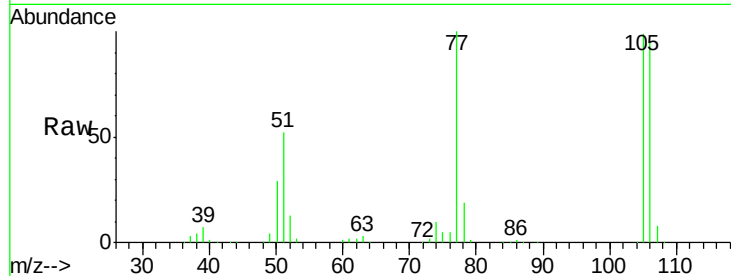
Tot Ion: 77 Resp: 172939

Ion Ratio Lower Upper

77 100

105 99.0 81.7 121.7

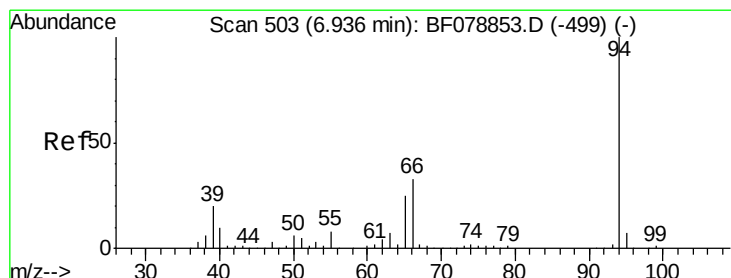
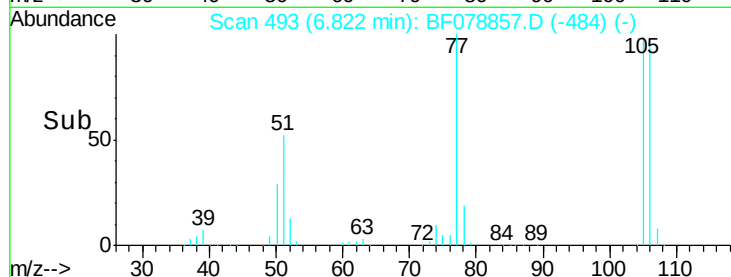
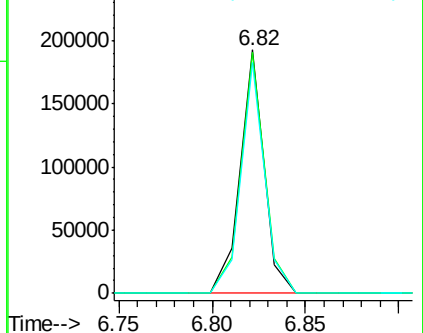
106 95.0 79.0 119.0



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: 38.90 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

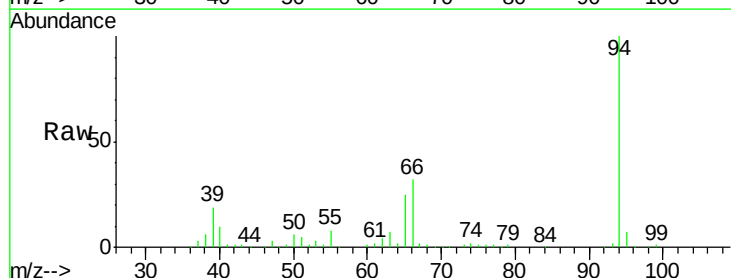
Tgt Ion: 94 Resp: 302125

Ion Ratio Lower Upper

94 100

65 25.5 8.5 48.5

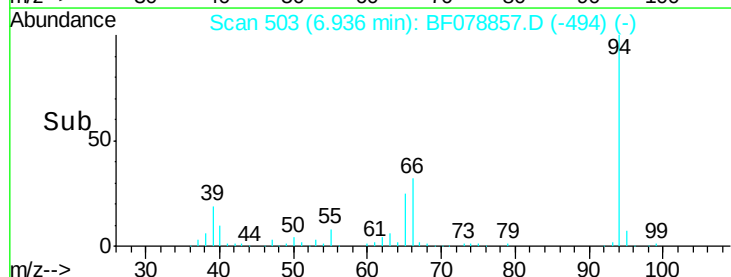
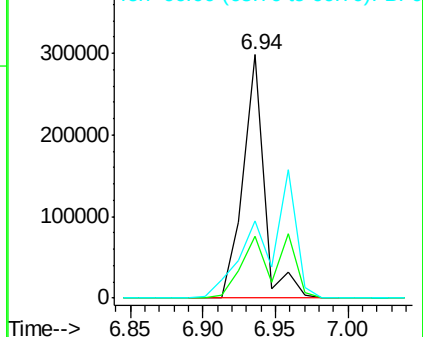
66 31.7 16.0 56.0

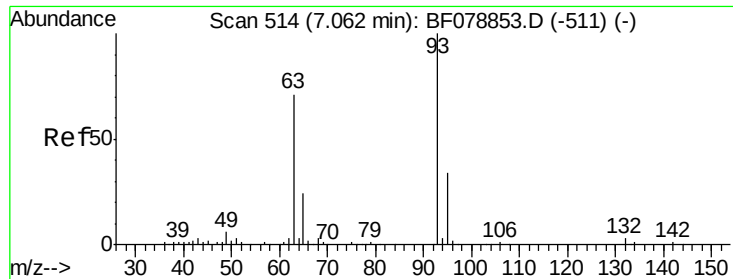


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

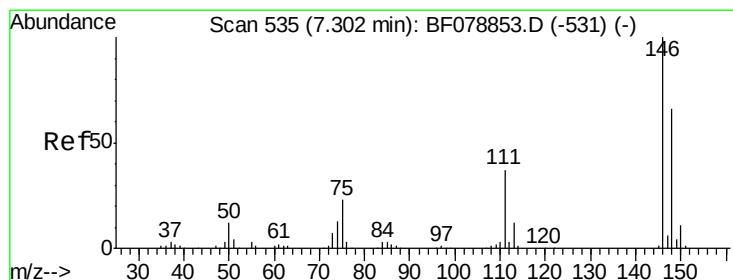
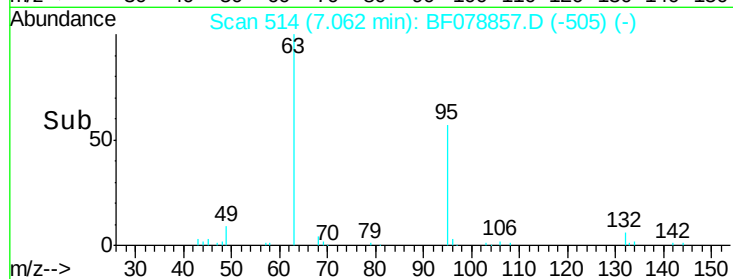
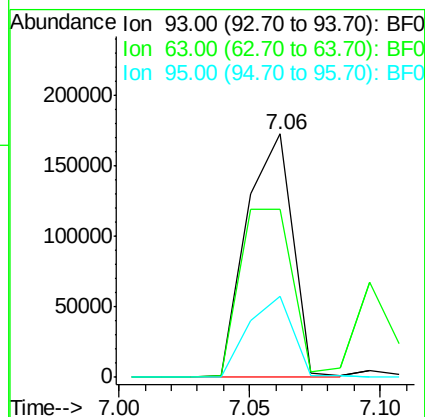
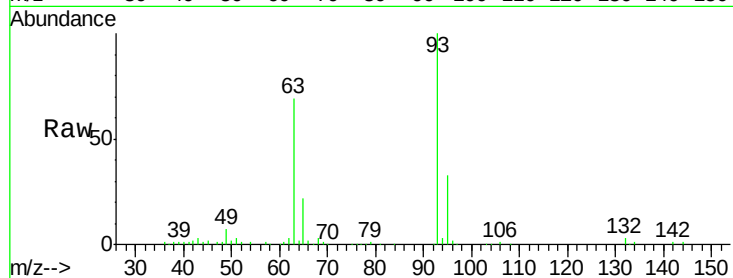




#11
bis(2-Chloroethyl)ether
Concen: 36.85 ng
RT: 7.06 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

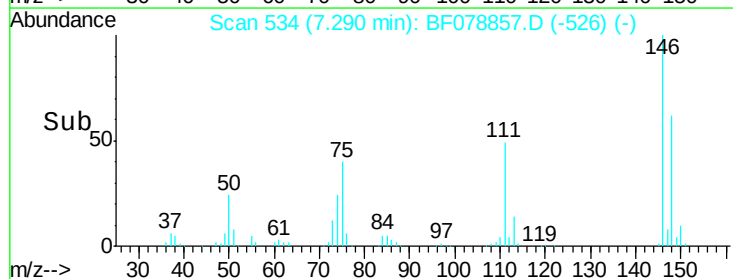
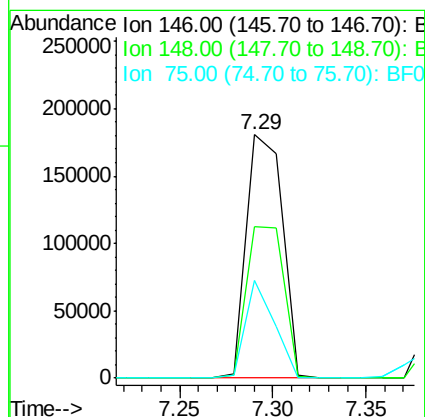
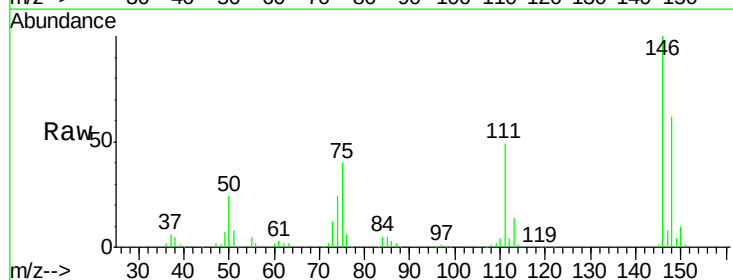
Instrument :
BNA_F
ClientSampled :

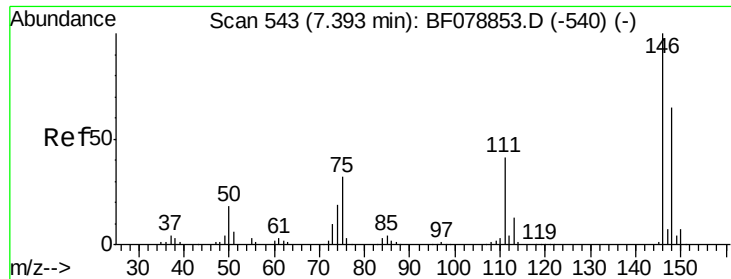
Tot Ion: 93 Resp: 209834
Ion Ratio Lower Upper
93 100
63 69.0 64.8 104.8
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.56 ng
RT: 7.29 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion: 146 Resp: 242560
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.2
75 39.9 29.2 43.8

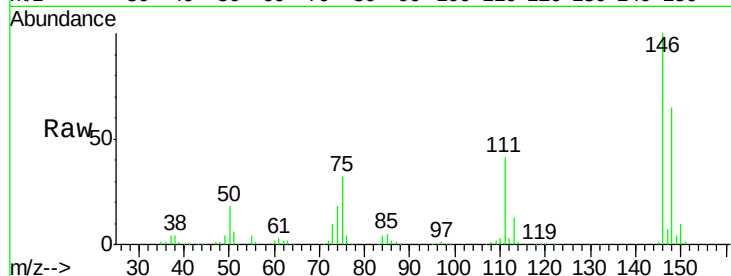




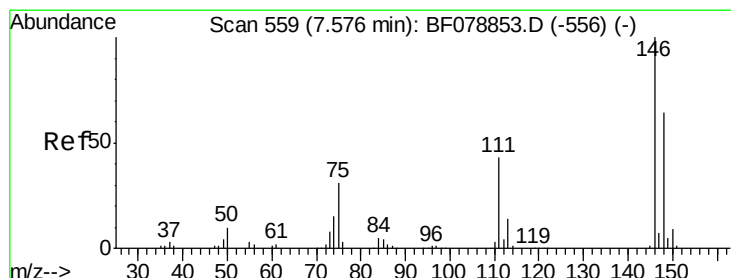
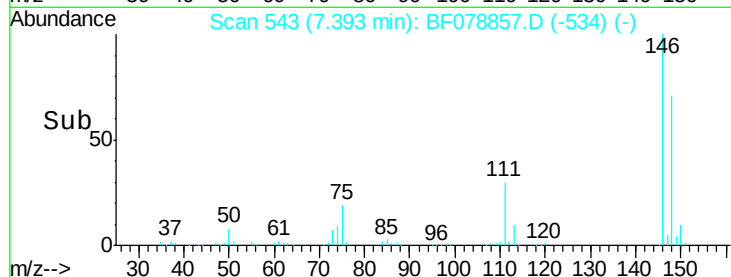
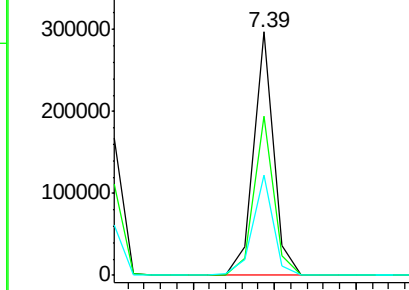
#13
 1,4-Dichlorobenzene
 Concen: 38.11 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 253283
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.8 79.2
 111 41.4 31.7 47.5

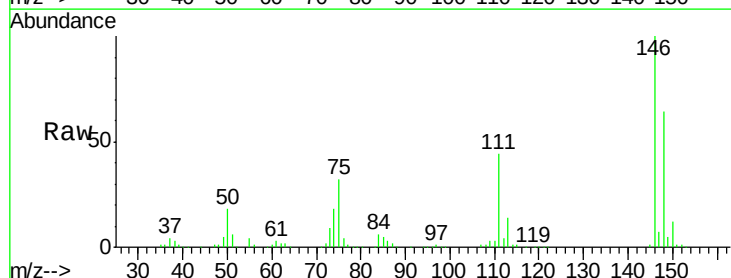


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

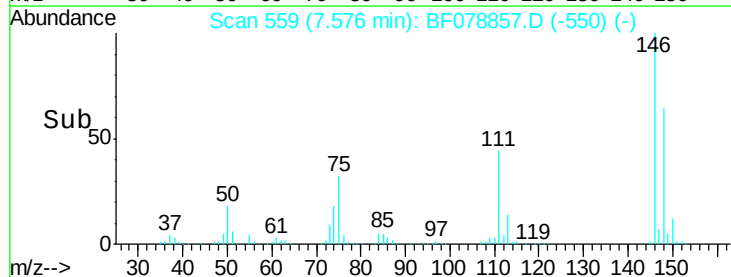
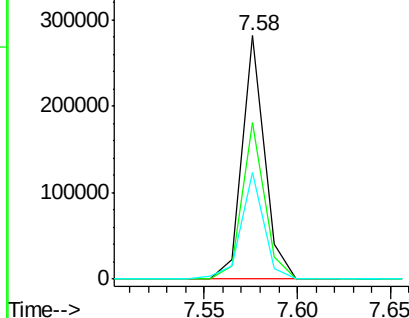


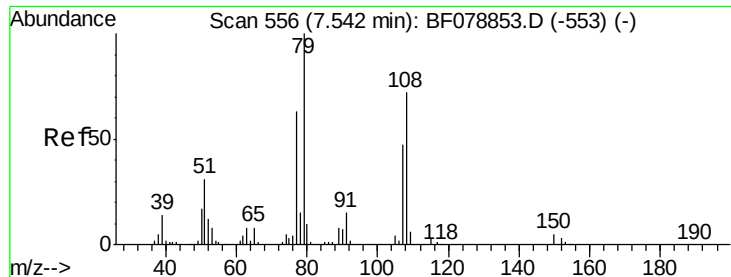
#14
 1,2-Dichlorobenzene
 Concen: 38.31 ng
 RT: 7.58 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion:146 Resp: 237050
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 43.7 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 37.10 ng

RT: 7.54 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

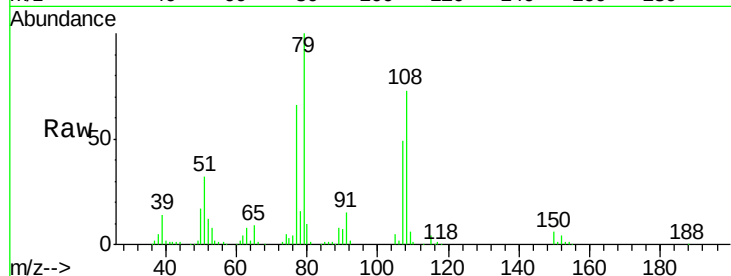
Tot Ion: 79 Resp: 184430

Ion Ratio Lower Upper

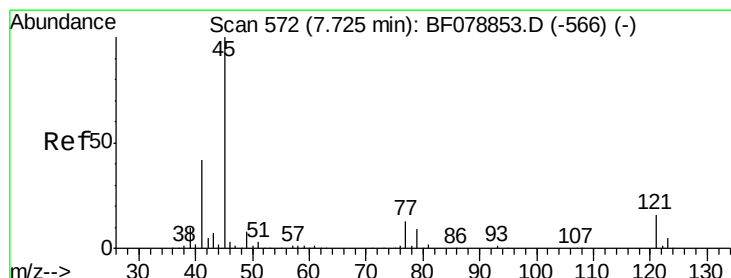
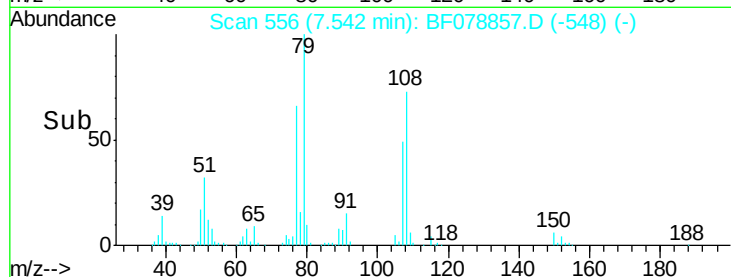
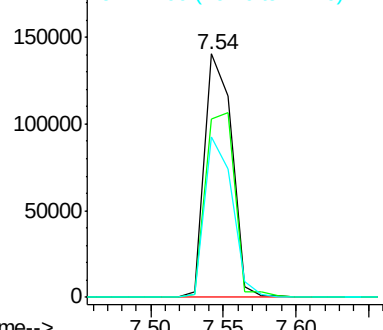
79 100

108 73.2 62.5 93.7

77 66.1 52.2 78.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.85 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

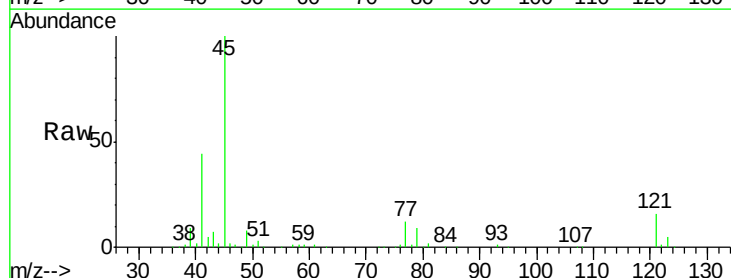
Tgt Ion: 45 Resp: 329773

Ion Ratio Lower Upper

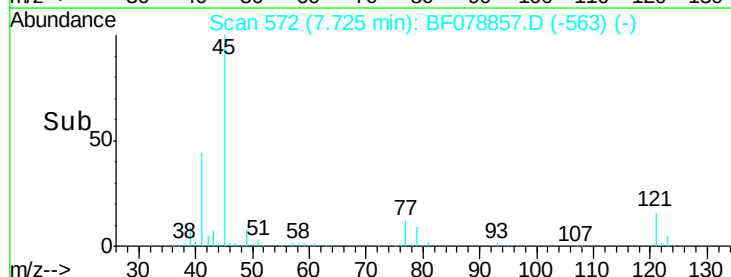
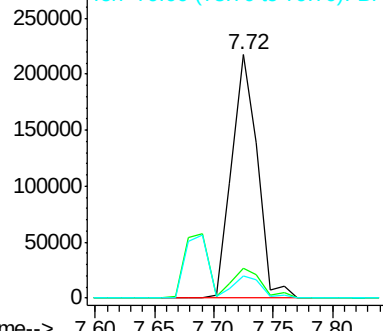
45 100

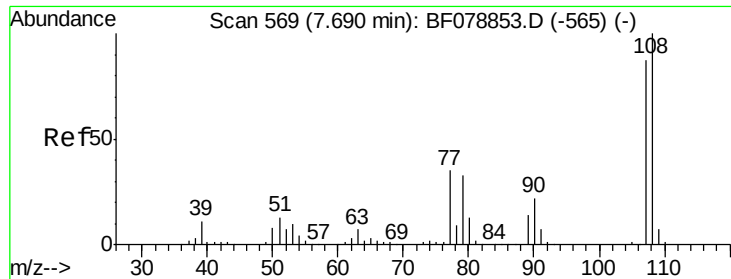
77 12.4 0.0 32.3

79 9.2 0.0 30.1



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

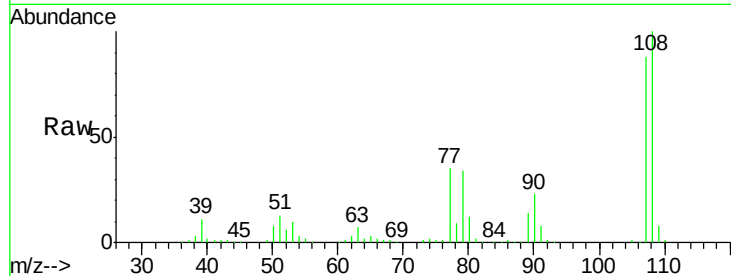




#17
2-Methylphenol
Concen: 37.35 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	172703
Ion	Ratio	Lower	Upper
107	100		
108	113.4	94.9	142.3
77	39.1	36.2	54.4
79	38.2	35.2	52.8



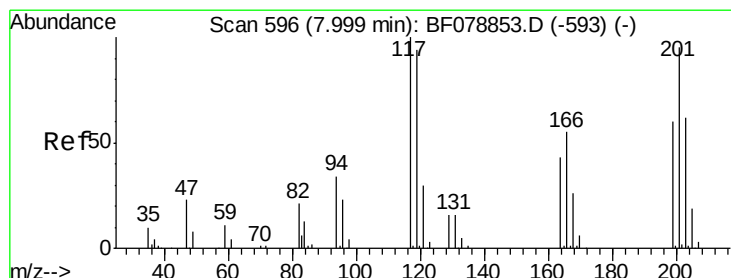
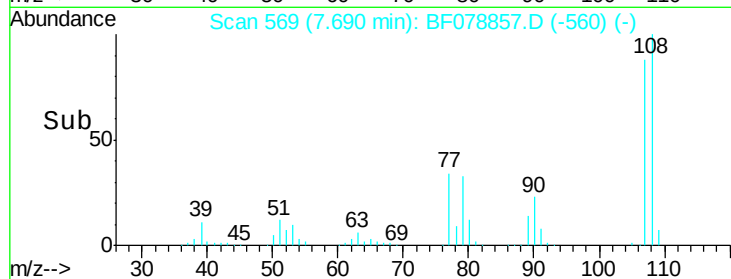
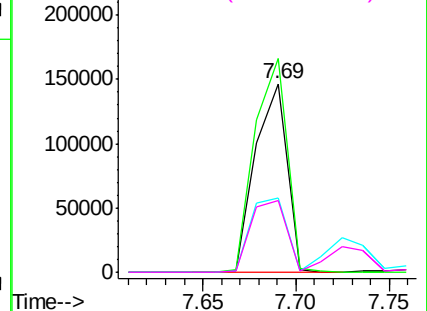
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

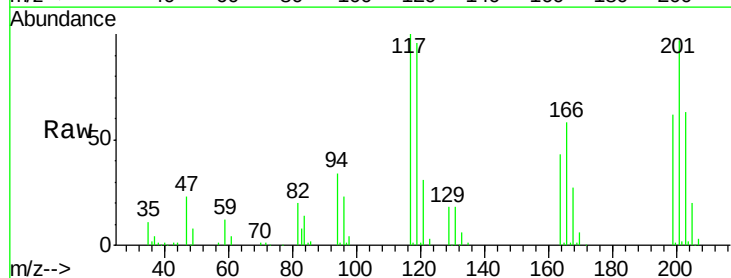
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.46 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:	117	Resp:	88037
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
201	97.0	83.2	124.8

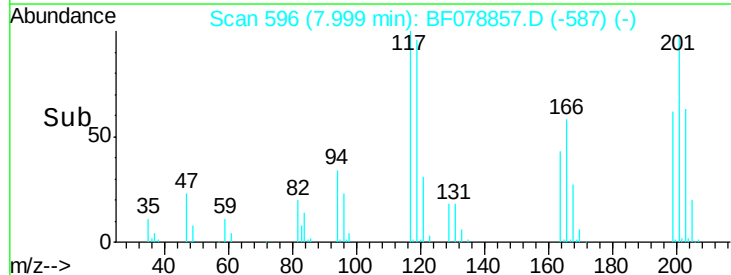
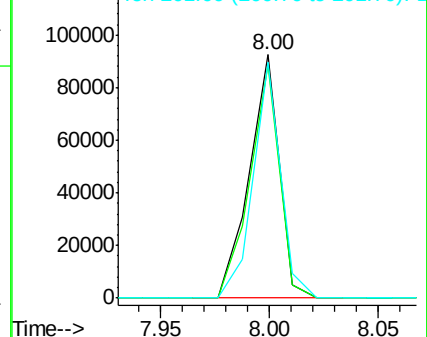


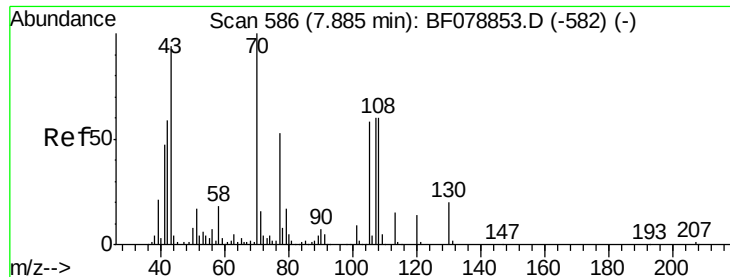
Abundance

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: 39.92 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 180524

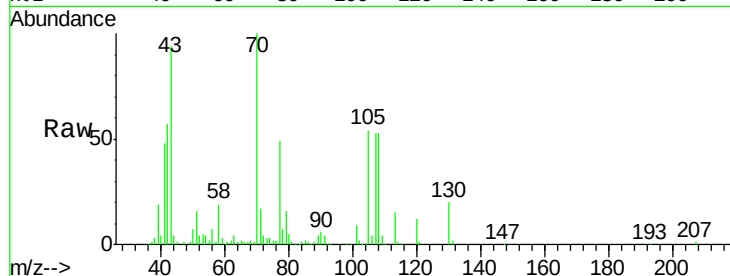
Ion Ratio Lower Upper

70 100

42 57.3 55.4 83.0

101 9.2 6.6 10.0

130 19.8 11.9 17.9#



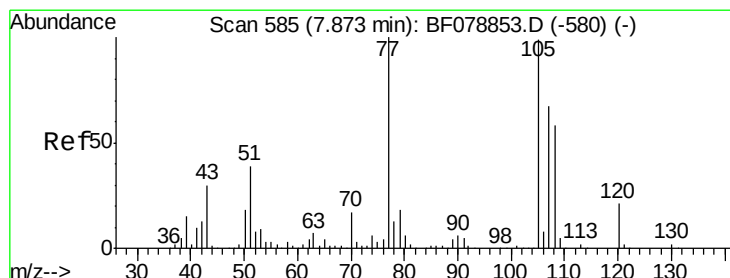
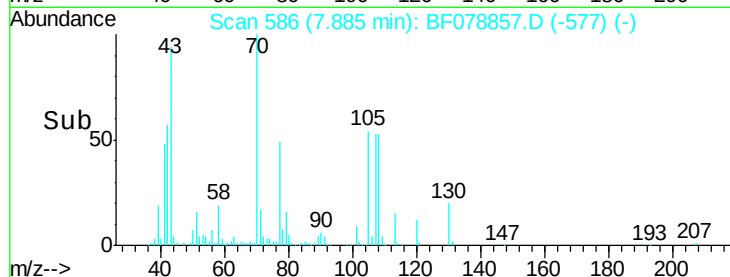
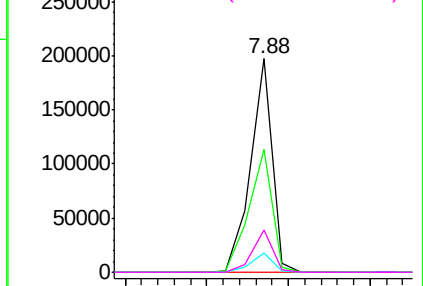
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.96 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Tgt Ion:107 Resp: 233831

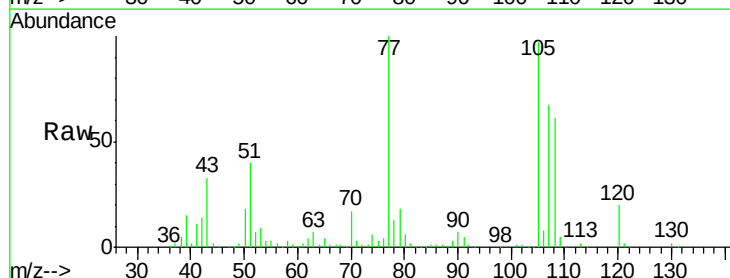
Ion Ratio Lower Upper

107 100

108 89.8 76.9 116.9

77 148.2 136.8 176.8

79 26.4 9.7 49.7



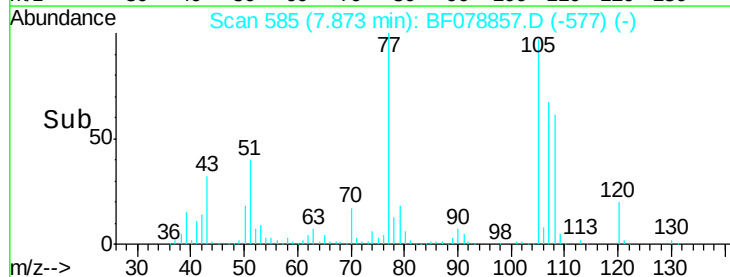
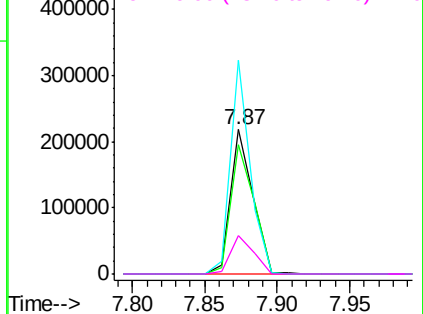
Abundance

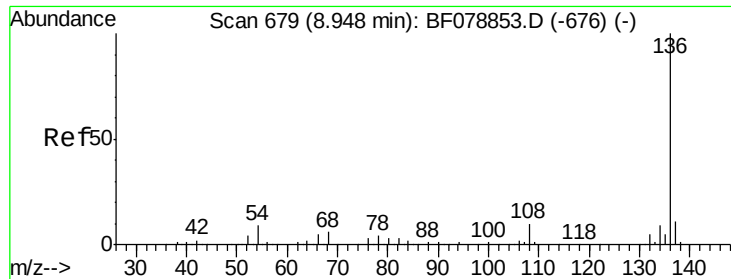
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

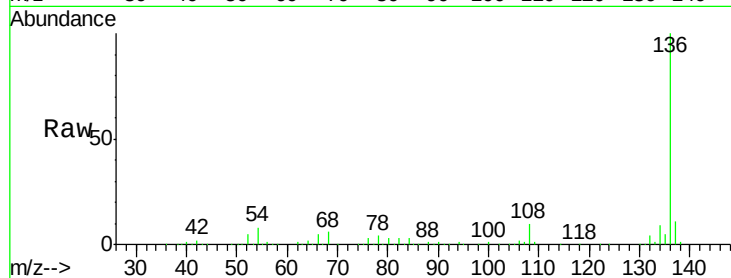




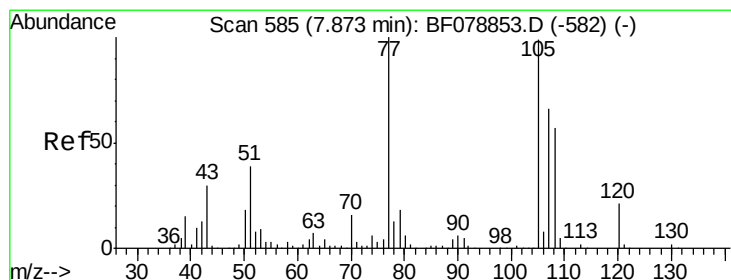
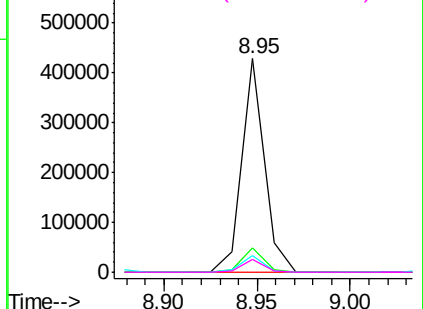
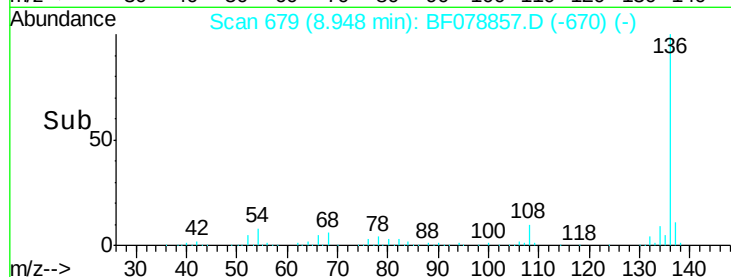
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	363415
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.0	5.8 8.8
68	5.8	4.2 6.4

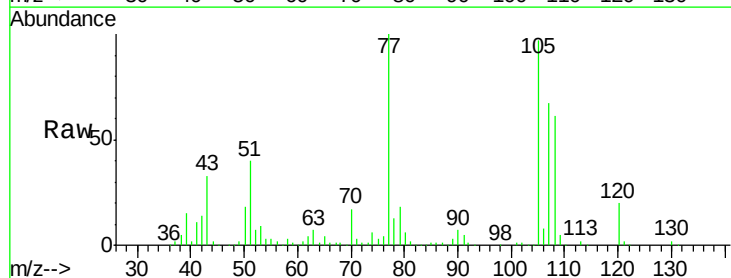


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

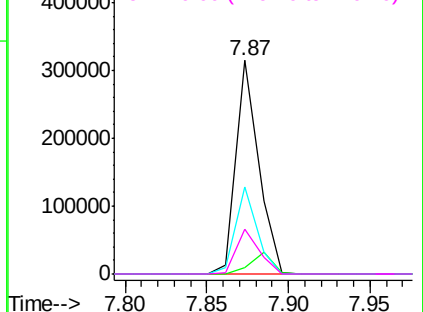
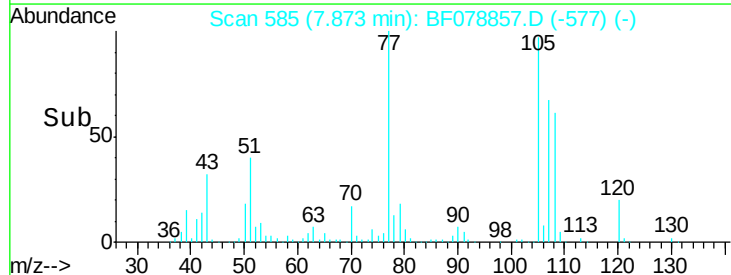


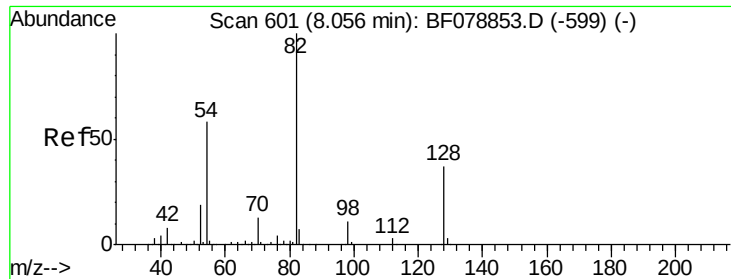
#22
Acetophenone
Concen: 36.53 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:105	Resp:	299918
Ion Ratio	Lower	Upper
105	100	
71	3.1	4.6 6.8#
51	40.7	26.7 40.1#
120	20.7	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

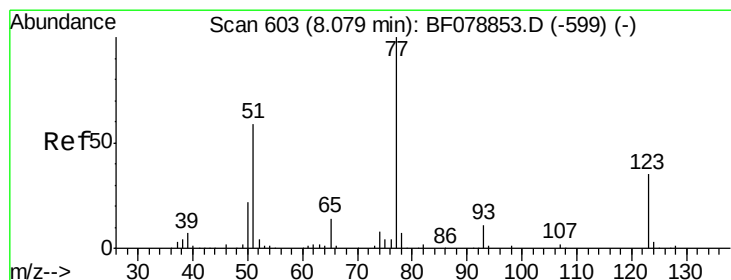
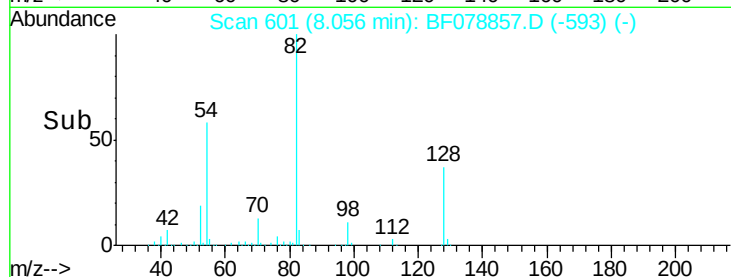
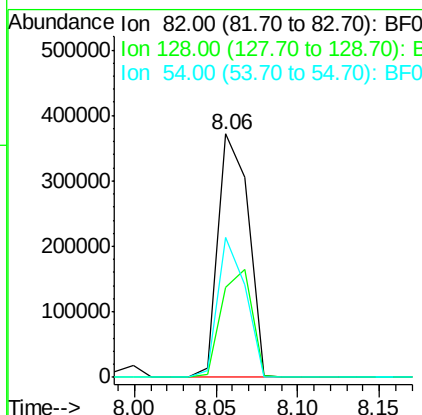
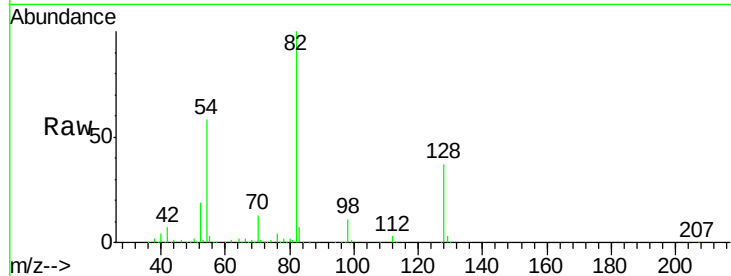




#23
 Nitrobenzene-d5
 Concen: 75.47 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

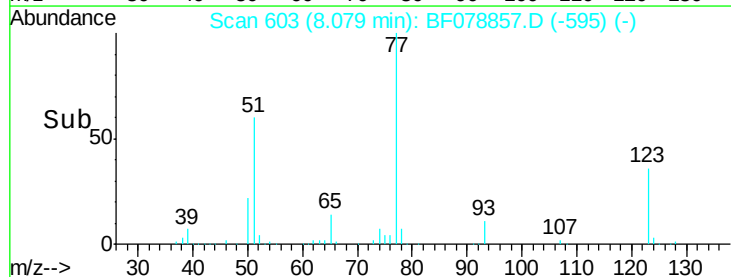
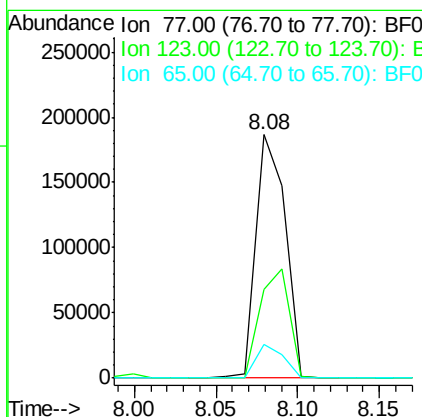
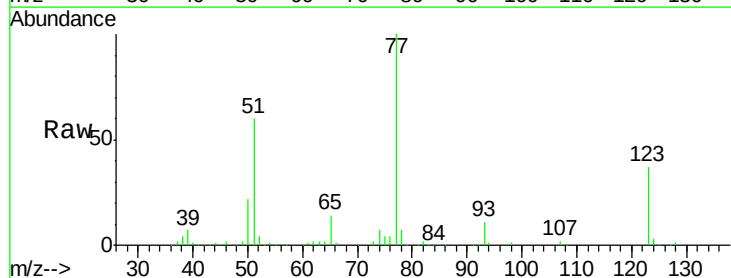
Instrument :
 BNA_F
 ClientSampleId :

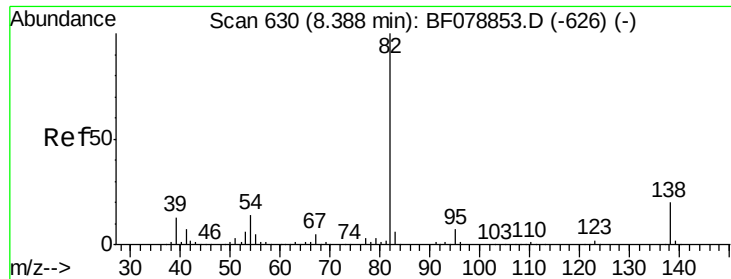
Tot Ion	82	Resp	477213
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.0	45.0
54	57.6	46.4	69.6



#24
 Nitrobenzene
 Concen: 37.32 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion	77	Resp	233894
Ion Ratio	Lower	Upper	
77	100		
123	36.7	31.8	47.8
65	13.9	10.6	15.8





#25

Isophorone

Concen: 38.54 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

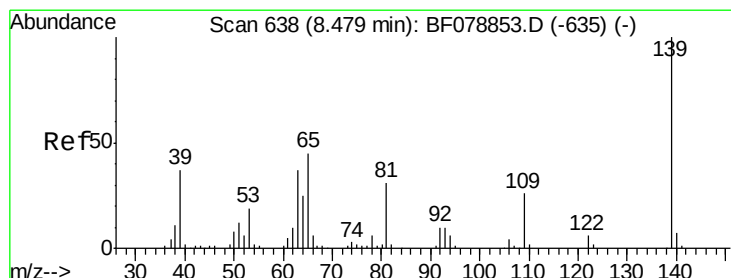
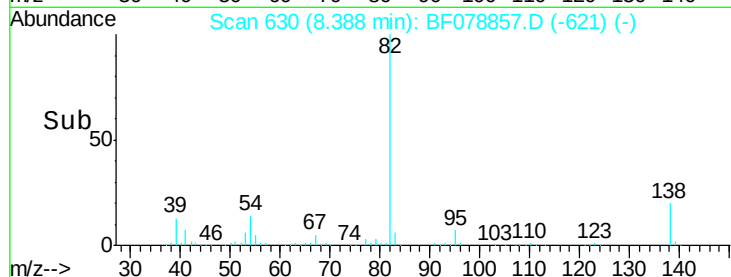
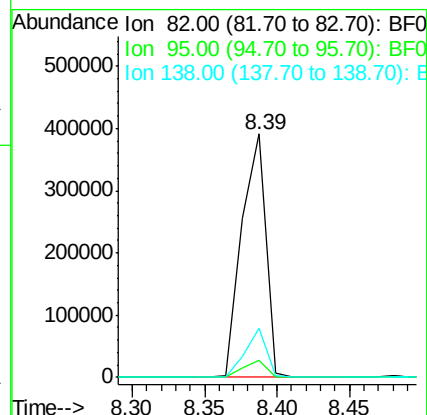
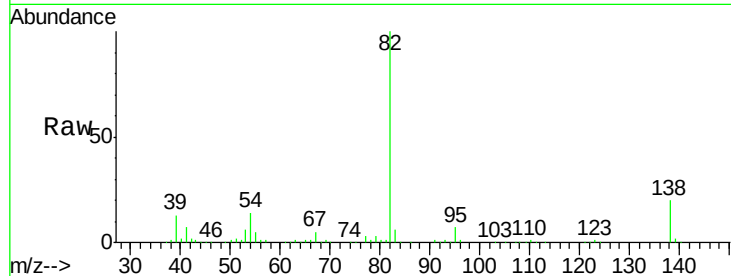
Tot Ion: 82 Resp: 451751

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.2 12.0 18.0#



#26

2-Nitrophenol

Concen: 40.68 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

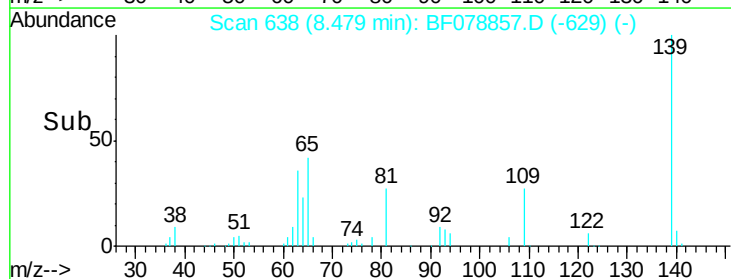
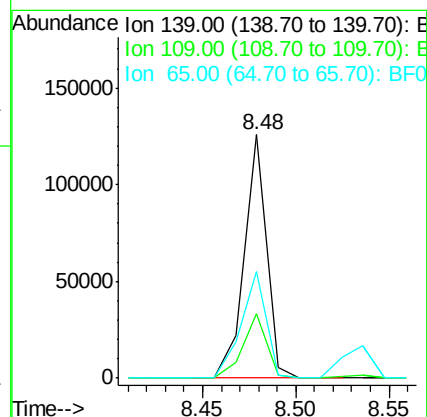
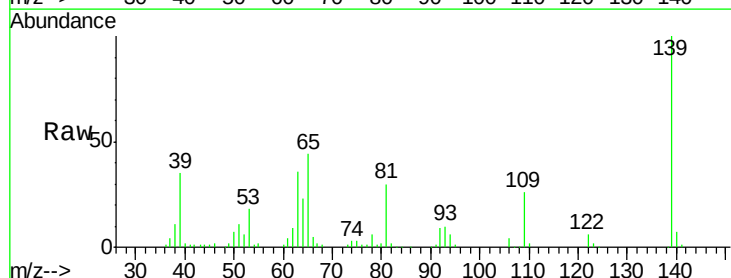
Tgt Ion: 139 Resp: 105542

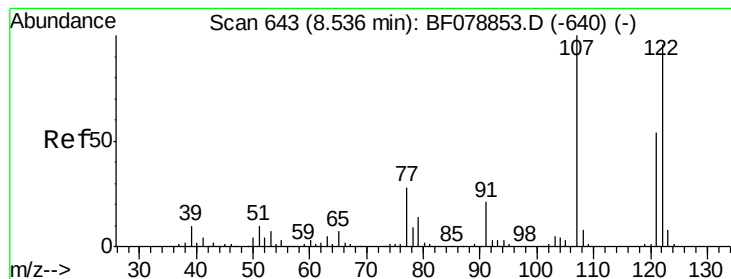
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.4

65 44.0 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 38.80 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampled :

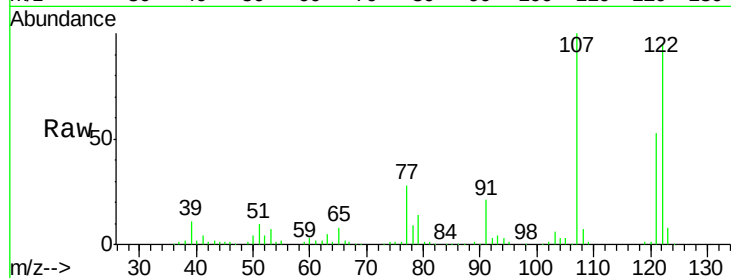
Tot Ion:122 Resp: 201410

Ion Ratio Lower Upper

122 100

107 105.0 90.6 135.8

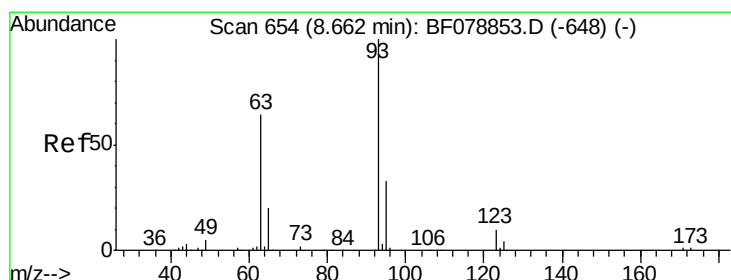
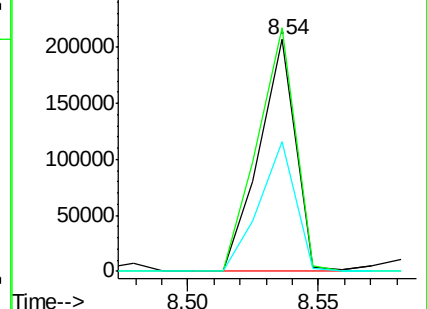
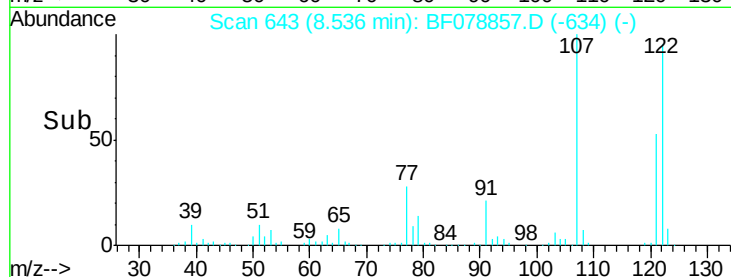
121 56.2 45.4 68.2



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: 39.48 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

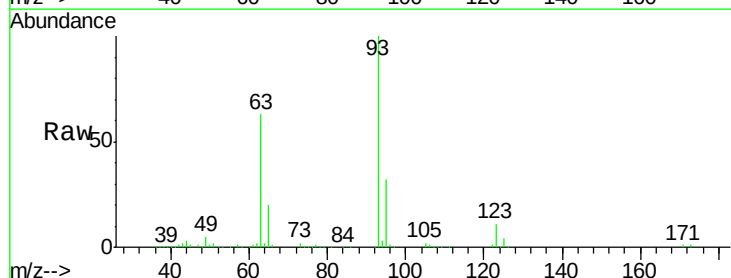
Tgt Ion: 93 Resp: 285287

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

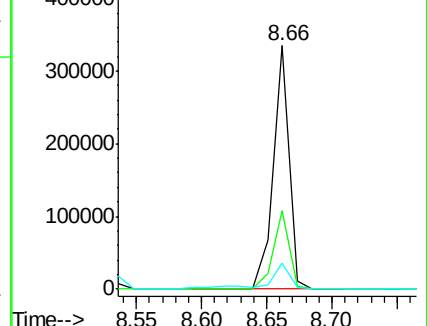
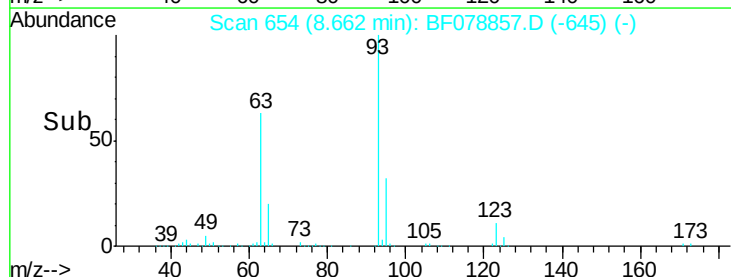
123 10.8 9.1 13.7

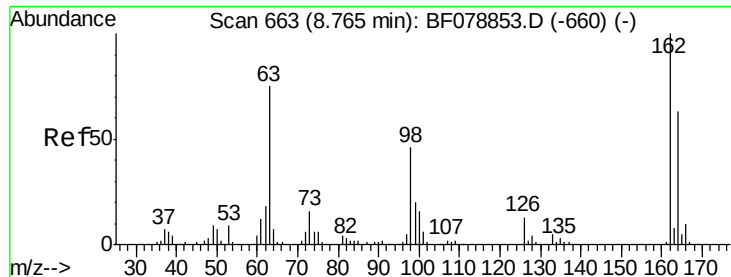


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

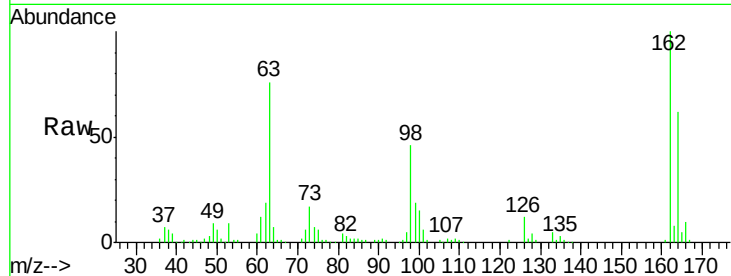




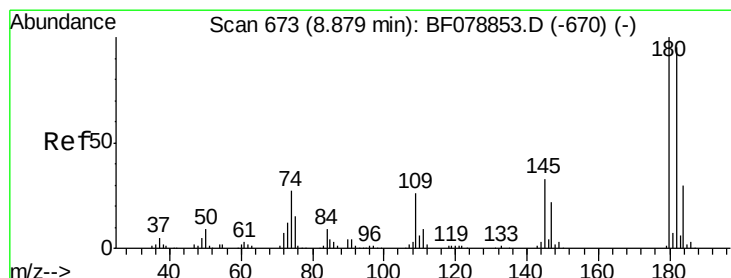
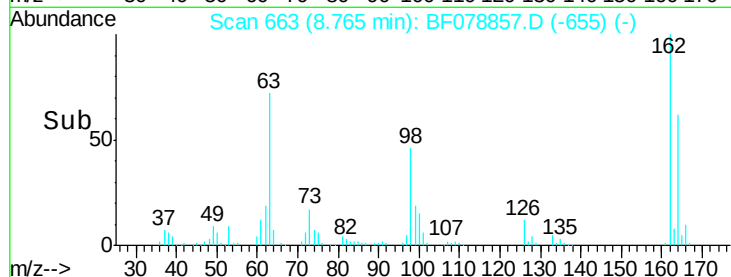
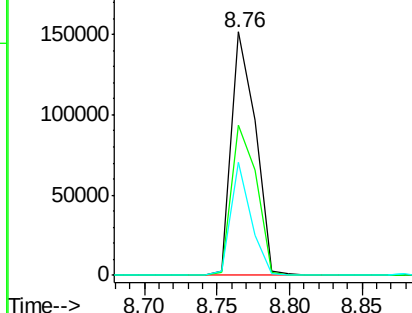
#29
 2,4-Dichlorophenol
 Concen: 37.93 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.6	83.6
98	46.3	16.5	56.5

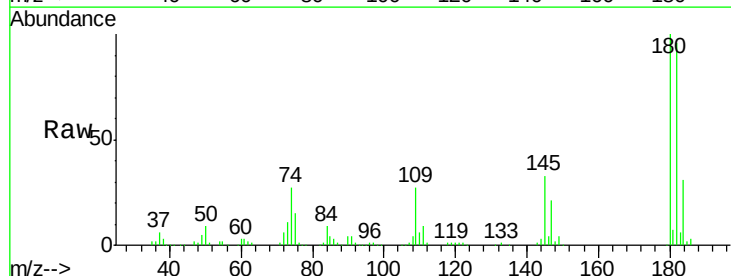


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

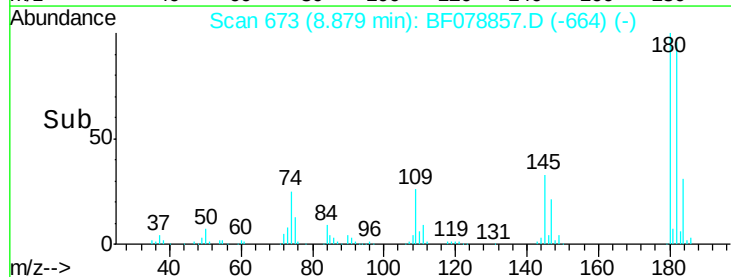
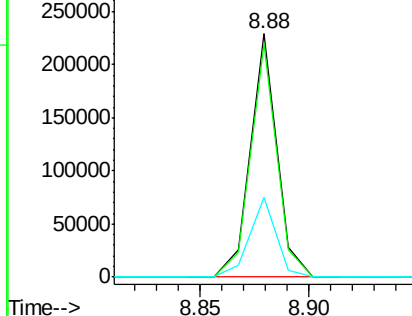


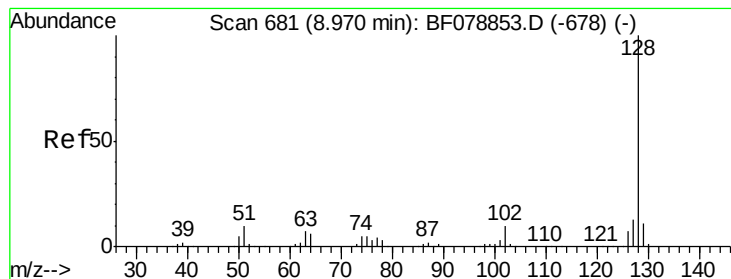
#30
 1,2,4-Trichlorobenzene
 Concen: 38.17 ng
 RT: 8.88 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.9	118.3
145	32.7	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: 36.96 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

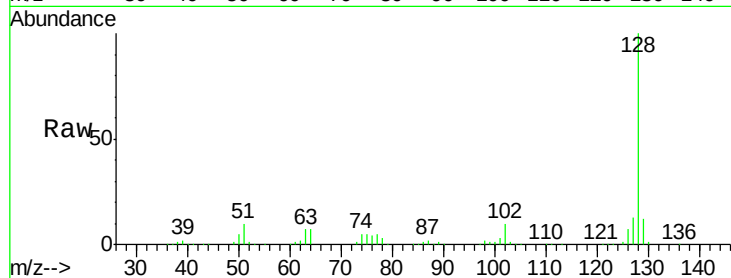
Tot Ion:128 Resp: 640085

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

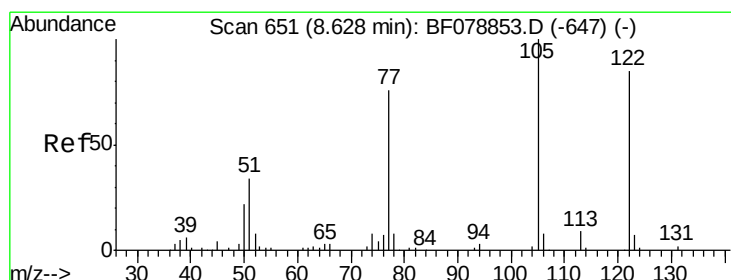
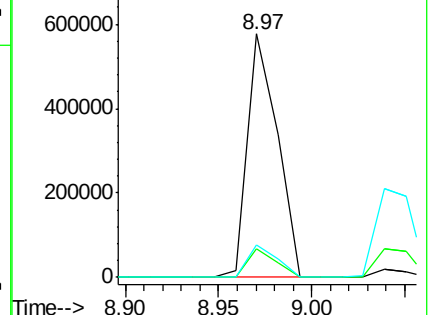
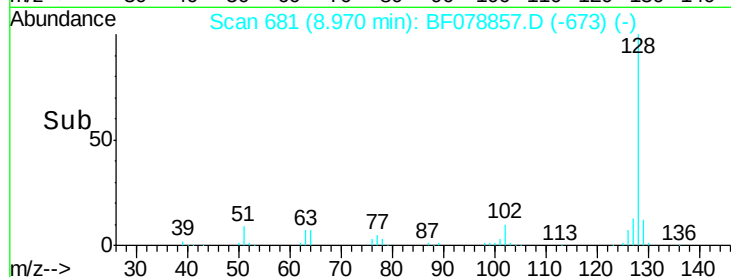
127 13.1 10.7 16.1



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: 35.80 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

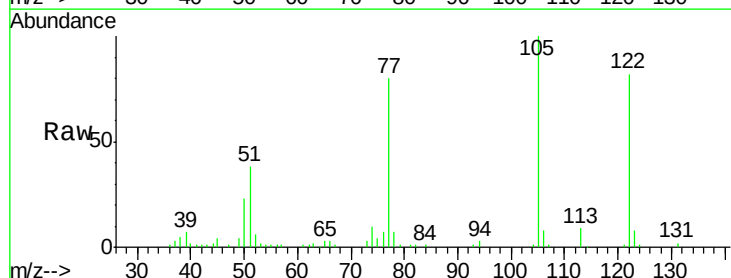
Tgt Ion:122 Resp: 110389

Ion Ratio Lower Upper

122 100

105 121.8 107.1 147.1

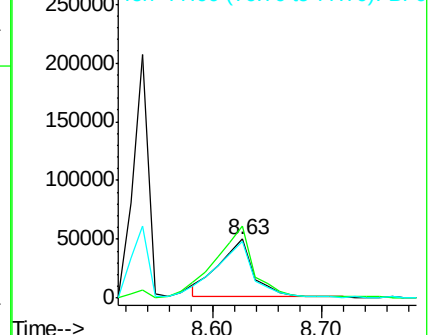
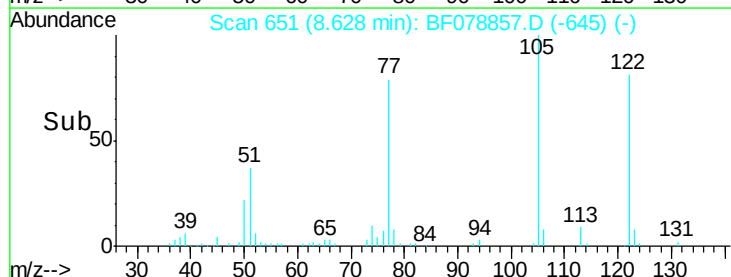
77 97.3 73.9 113.9

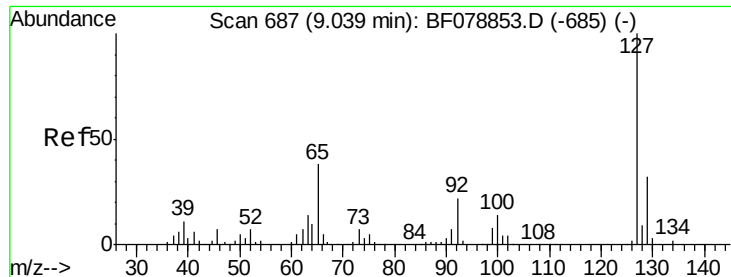


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

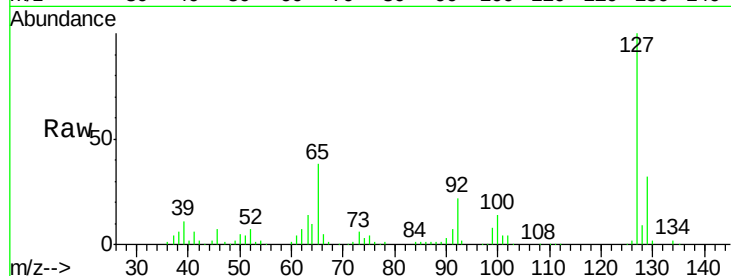




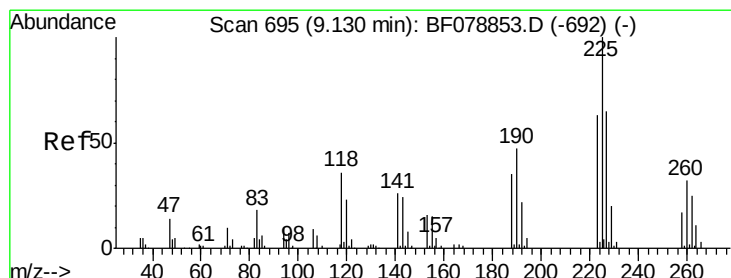
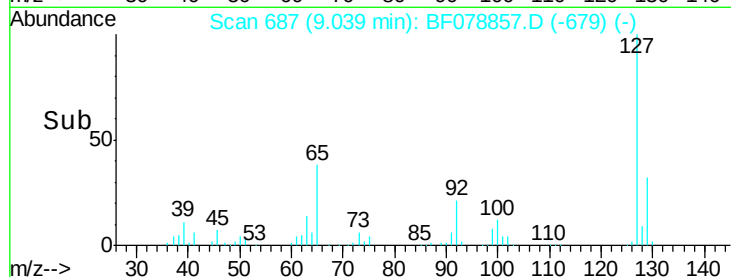
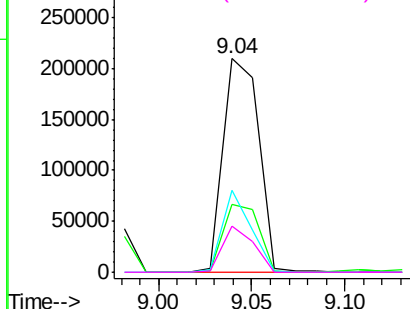
#33
4-Chloroaniline
Concen: 38.25 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	280241
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	38.3	25.8	38.6
92	21.6	15.5	23.3

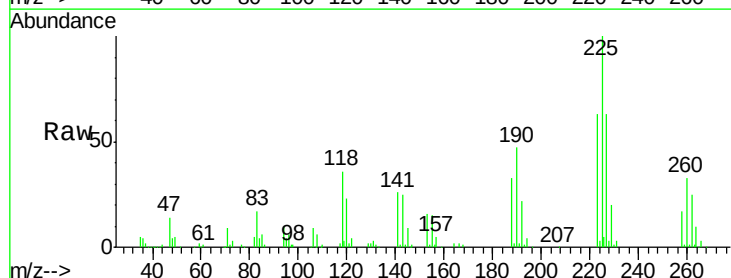


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

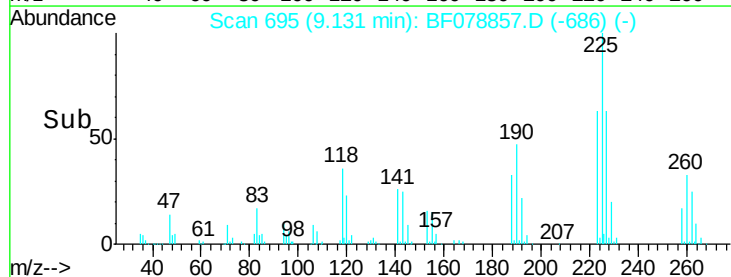
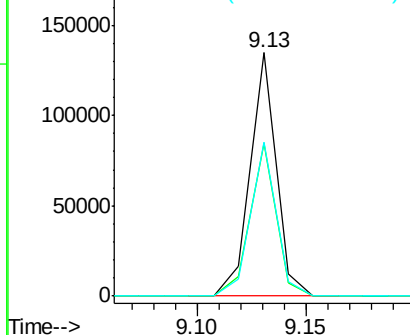


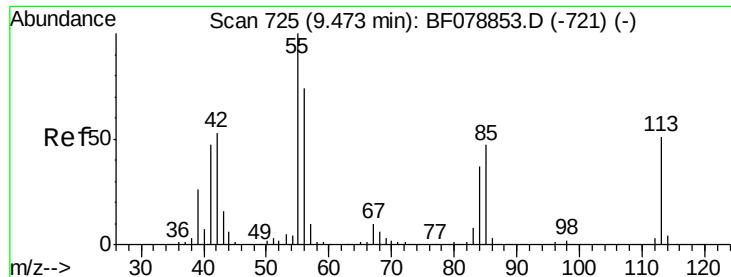
#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:	225	Resp:	111757
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.2	72.4
227	63.3	51.4	77.0



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





#35

Caprolactam

Concen: 40.62 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampled :

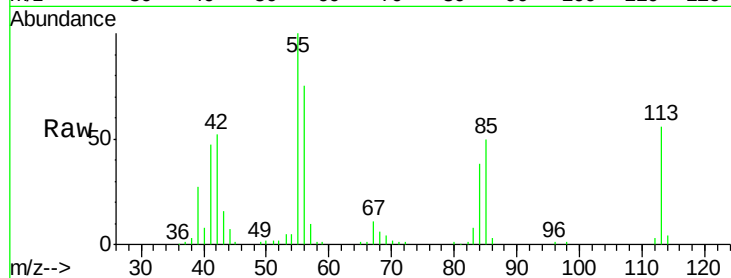
Tot Ion:113 Resp: 60637

Ion Ratio Lower Upper

113 100

55 179.2 169.7 209.7

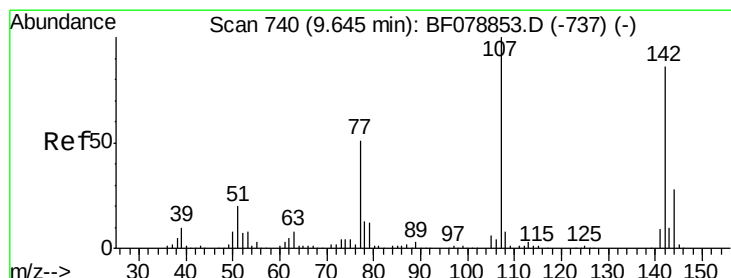
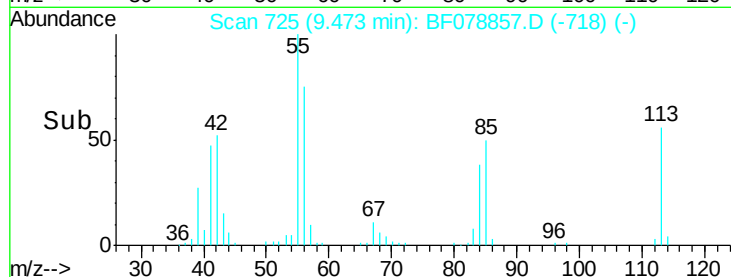
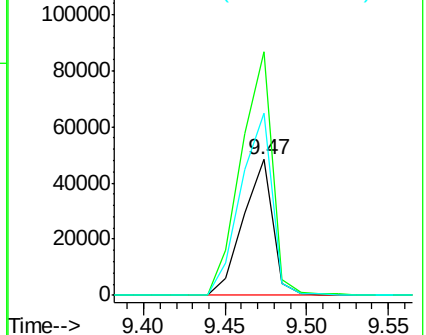
56 134.5 122.5 162.5



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: 40.83 ng

RT: 9.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

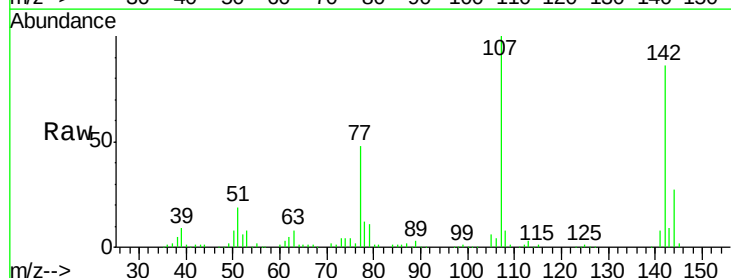
Tgt Ion:107 Resp: 197959

Ion Ratio Lower Upper

107 100

144 27.5 19.8 29.6

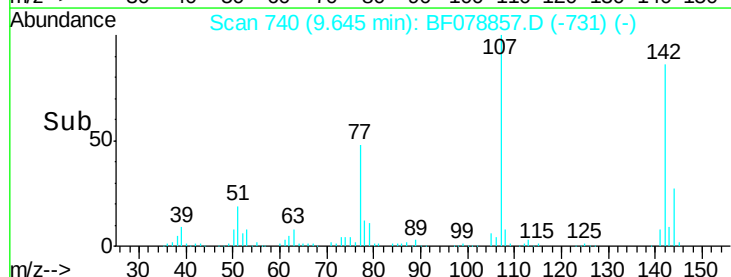
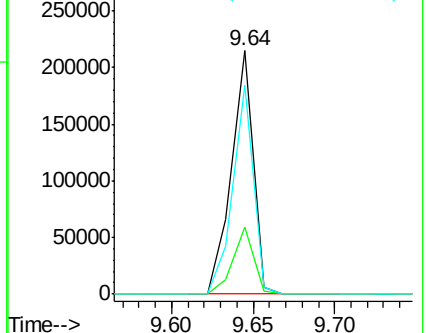
142 85.6 60.6 91.0

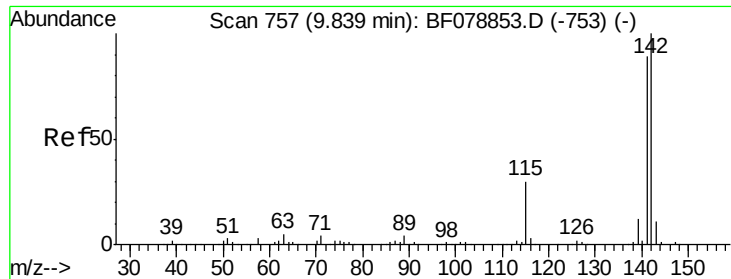


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

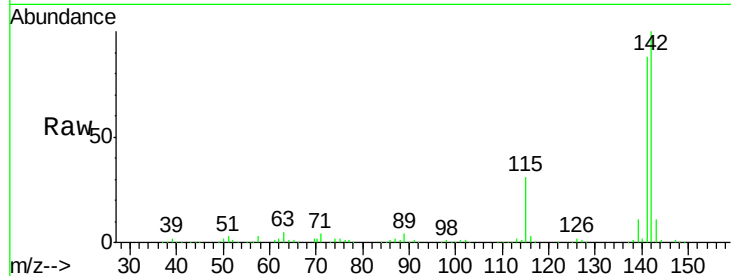




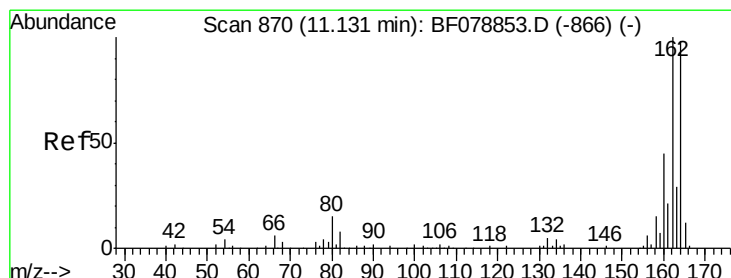
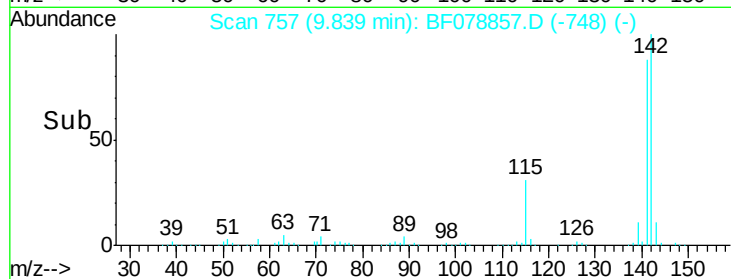
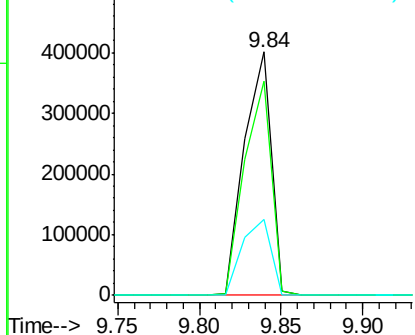
#37
 2-Methylnaphthalene
 Concen: 38.30 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	31.1	28.5	42.7

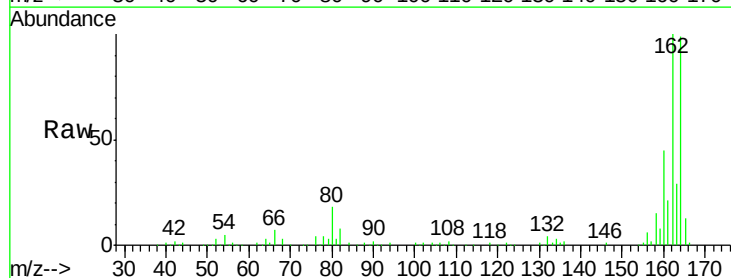


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

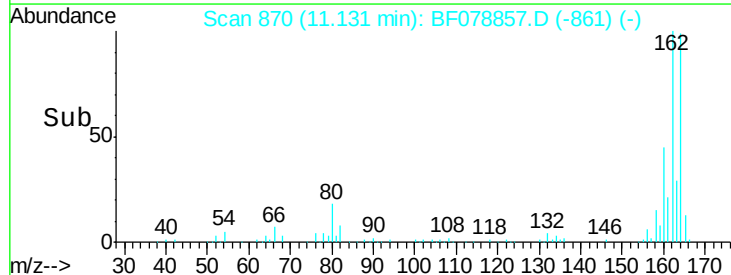
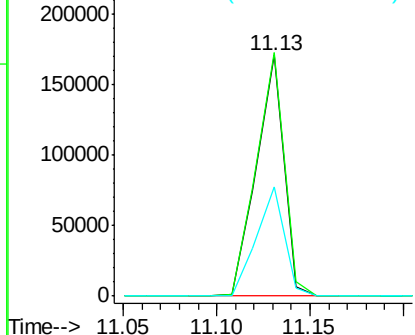


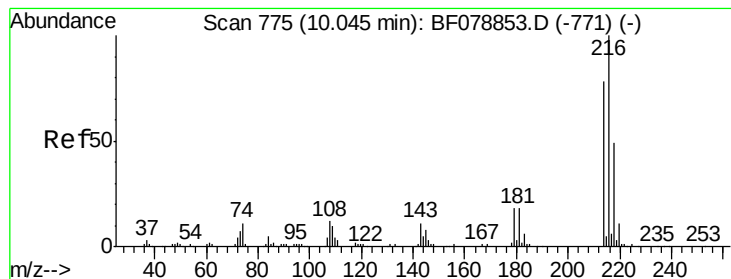
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	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: 38.51 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 188215

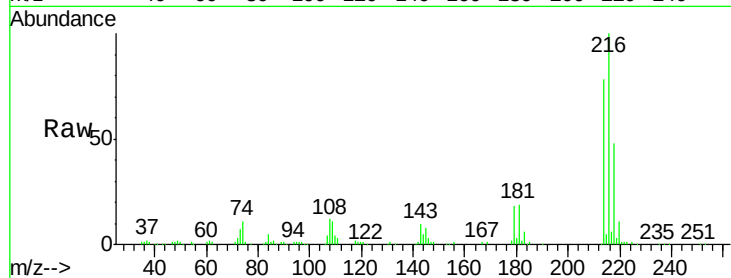
Ion Ratio Lower Upper

216 100

214 80.0 0.0 0.0#

179 21.5 0.0 0.0#

108 21.8 0.0 0.0#

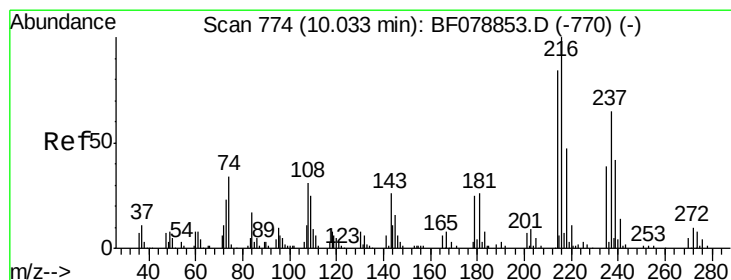
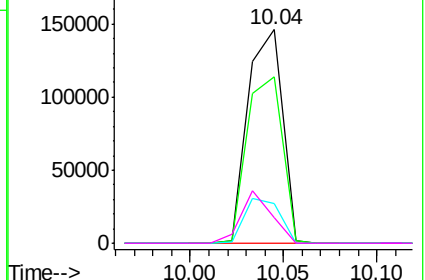
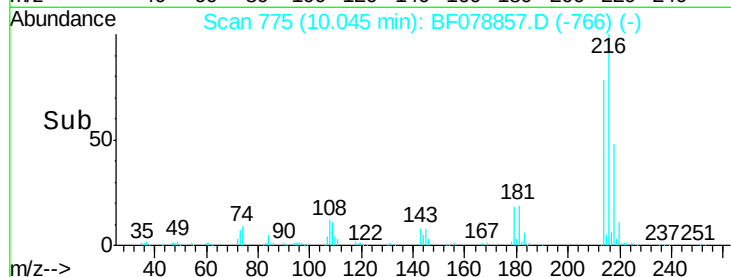


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.49 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

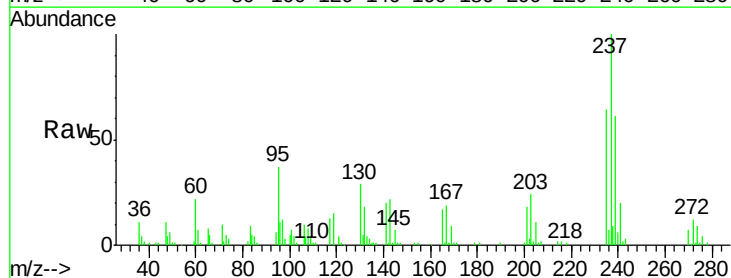
Tgt Ion:237 Resp: 94595

Ion Ratio Lower Upper

237 100

235 64.5 44.7 84.7

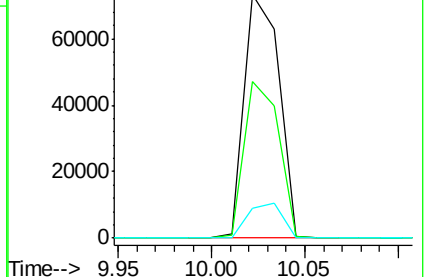
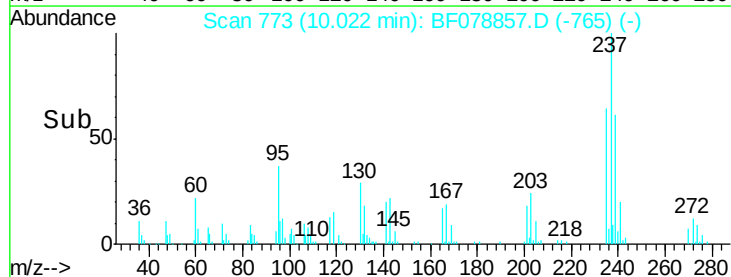
272 12.4 0.0 32.6

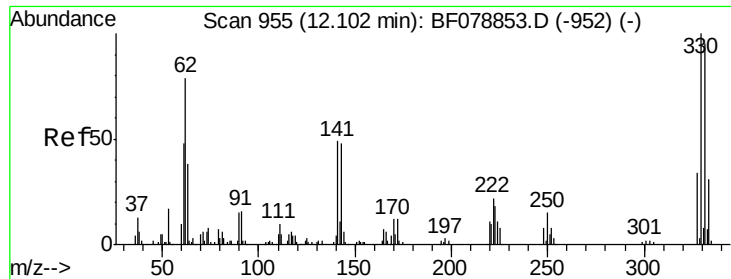


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.25 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

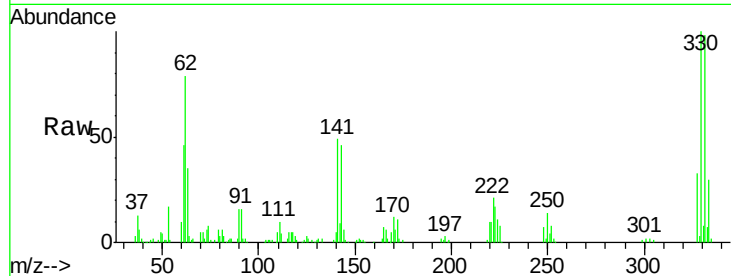
Tot Ion:330 Resp: 146923

Ion Ratio Lower Upper

330 100

332 98.4 0.0 0.0#

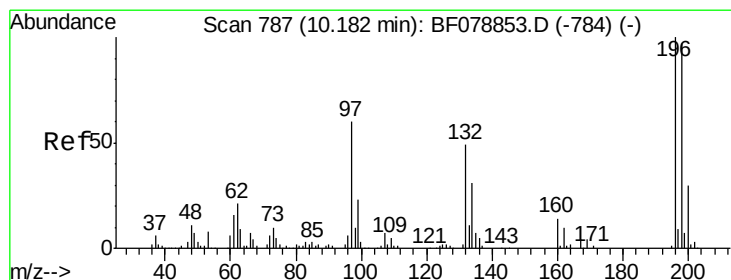
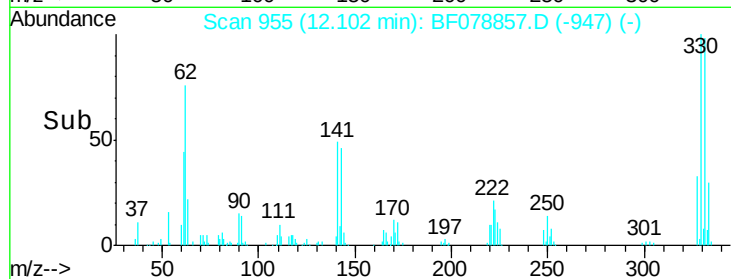
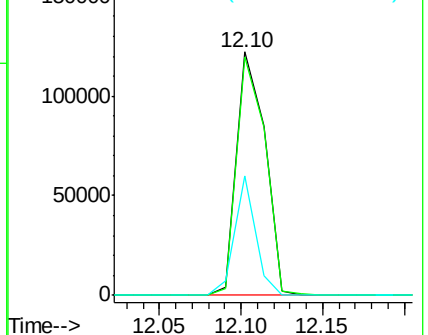
141 36.4 0.0 0.0#



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: 40.06 ng

RT: 10.18 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

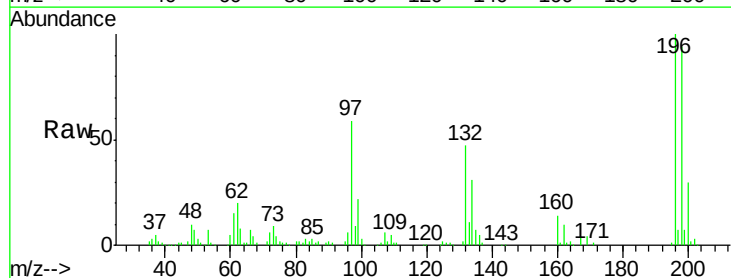
Tgt Ion:196 Resp: 134616

Ion Ratio Lower Upper

196 100

198 94.4 80.5 120.7

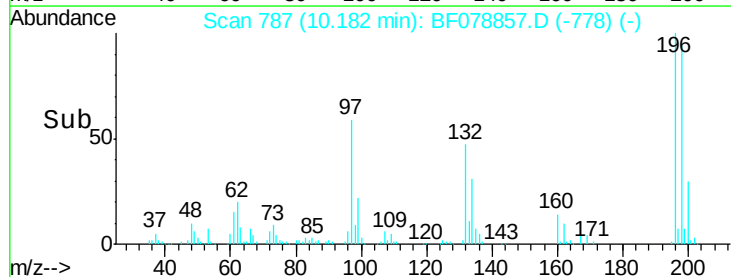
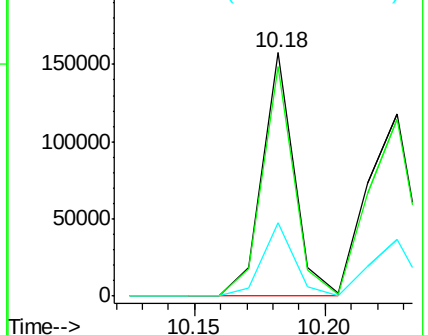
200 30.3 24.9 37.3

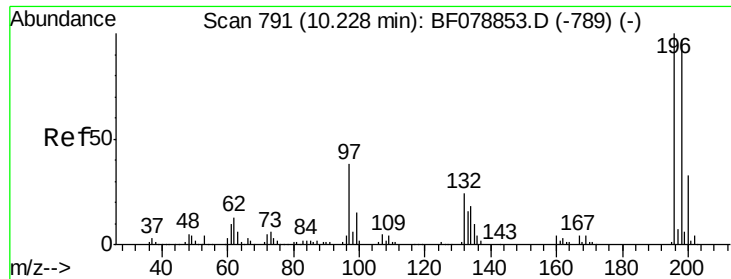


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

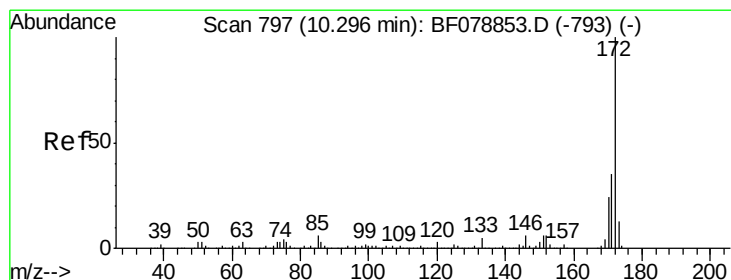
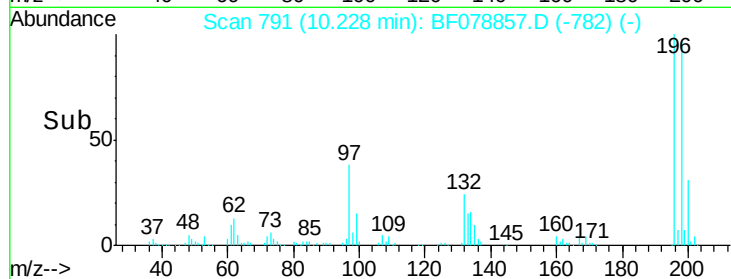
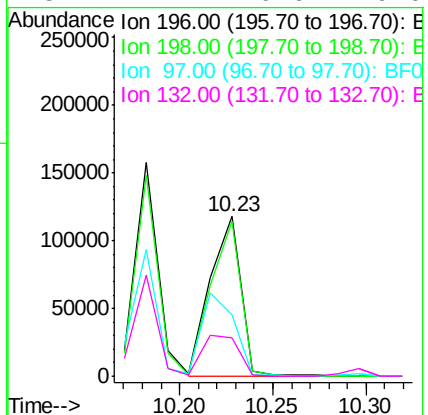
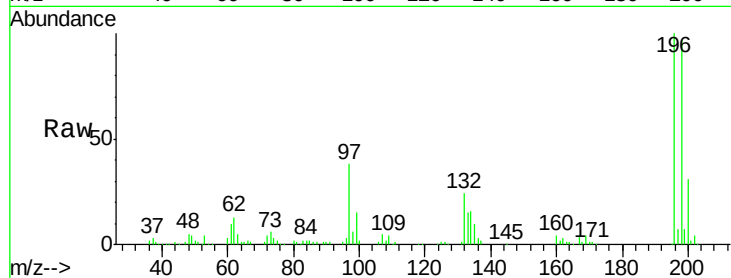




#43
 2,4,5-Trichlorophenol
 Concen: 39.69 ng
 RT: 10.23 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

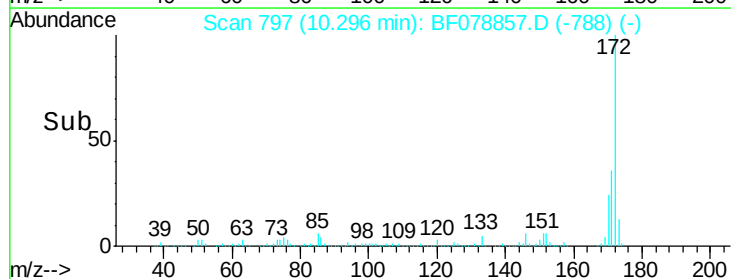
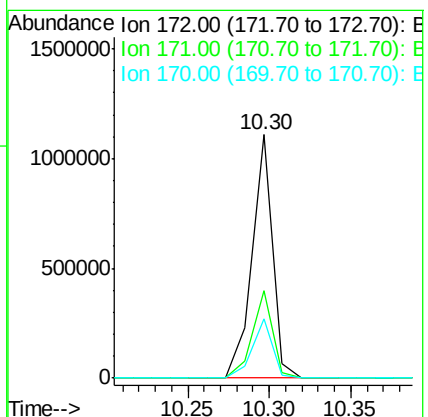
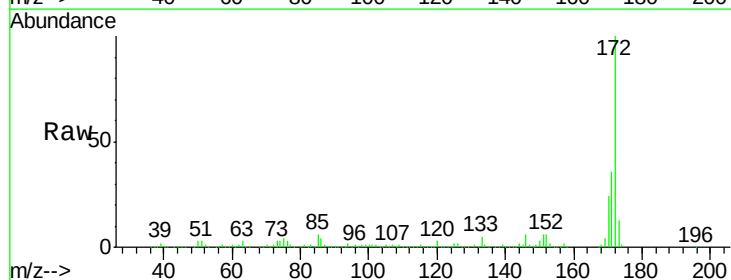
Instrument :
 BNA_F
 ClientSampled :

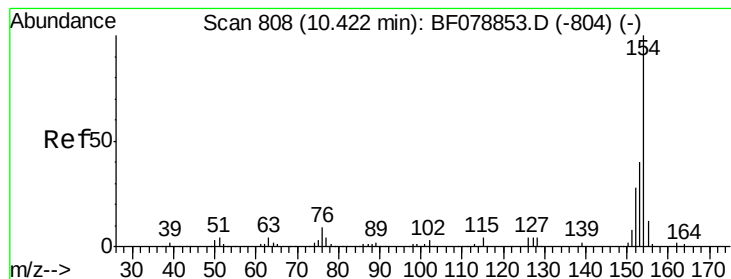
Tot Ion:	196	Resp:	134853
Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.8	119.6
97	38.1	46.0	69.0#
132	24.4	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion:	172	Resp:	965653
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.5	19.4	29.0





#45

1,1'-Biphenyl

Concen: 38.21 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

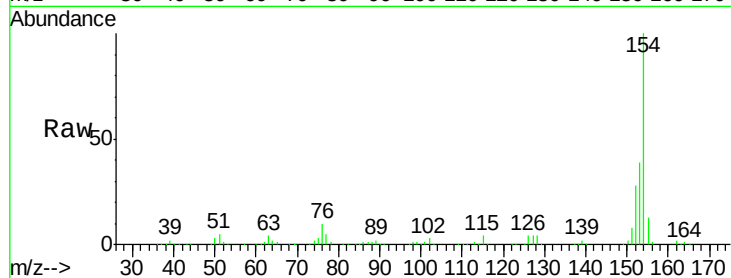
Tot Ion:154 Resp: 527215

Ion Ratio Lower Upper

154 100

153 39.4 19.9 59.9

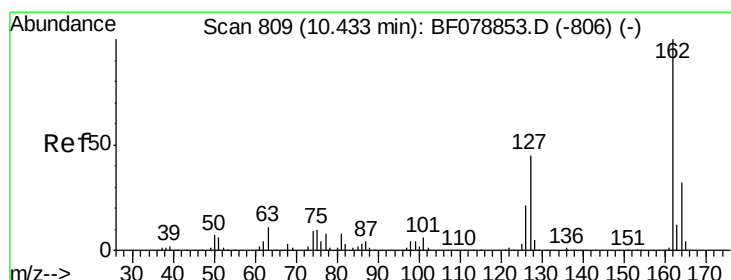
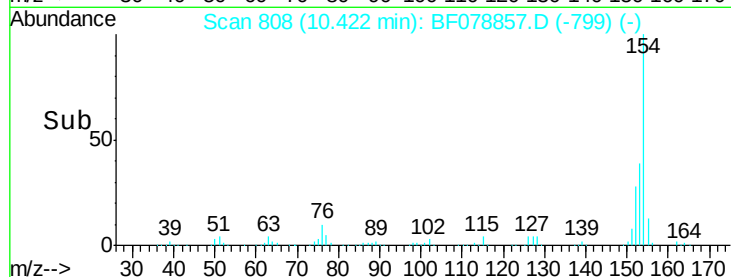
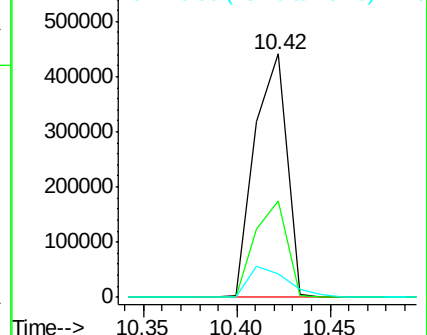
76 9.6 0.0 35.0



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: 37.40 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

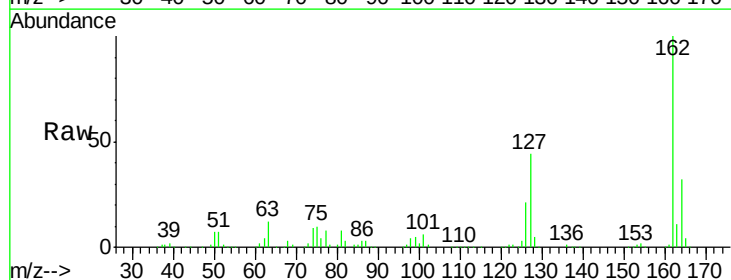
Tgt Ion:162 Resp: 402545

Ion Ratio Lower Upper

162 100

127 44.1 33.9 50.9

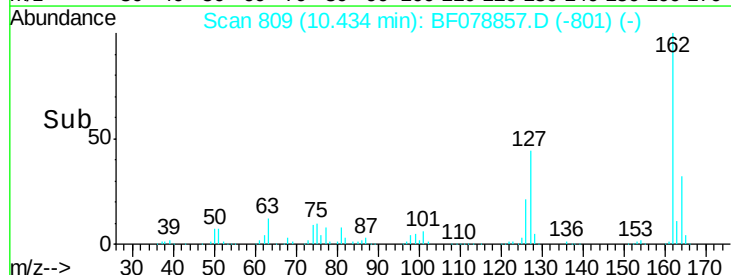
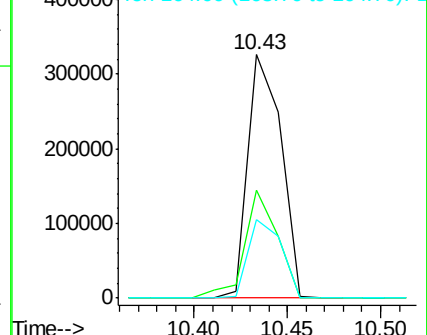
164 32.2 26.3 39.5

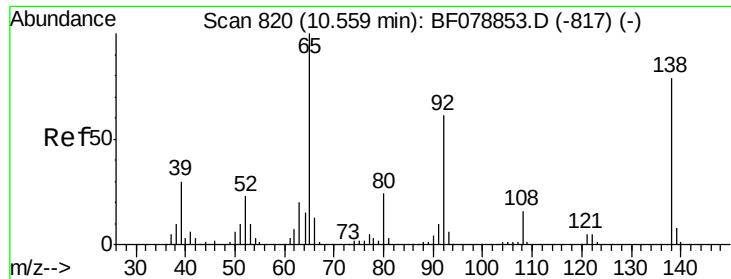


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

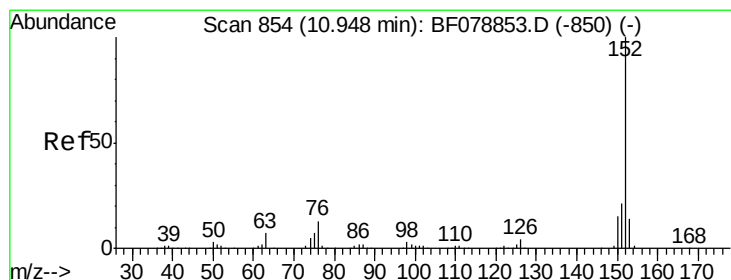
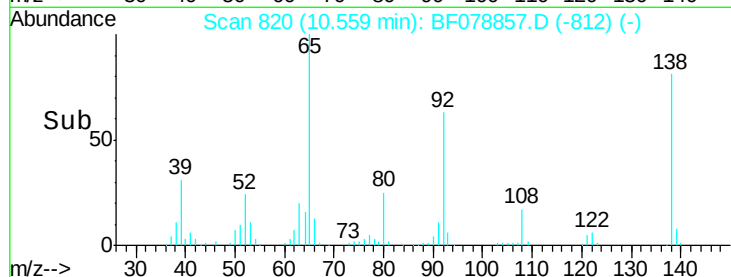
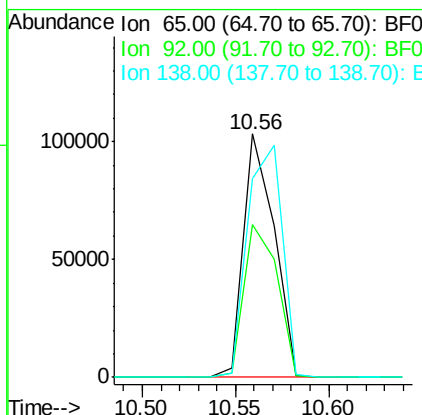
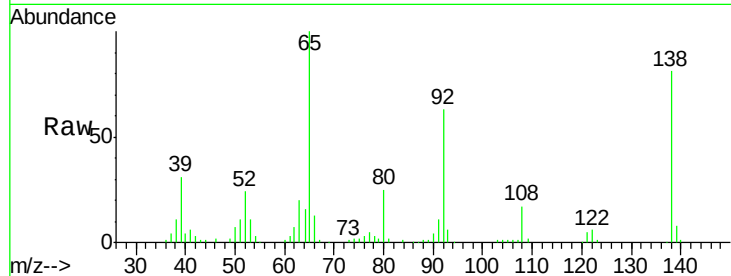




#47
 2-Nitroaniline
 Concen: 37.91 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

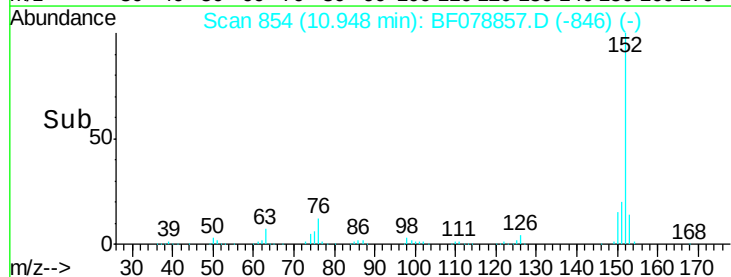
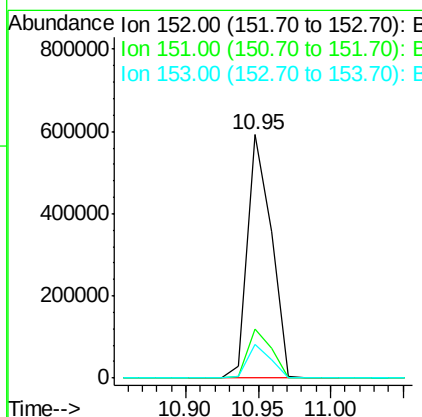
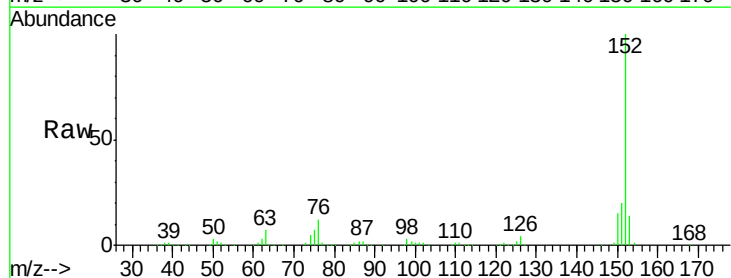
Instrument :
 BNA_F
 ClientSampleId :

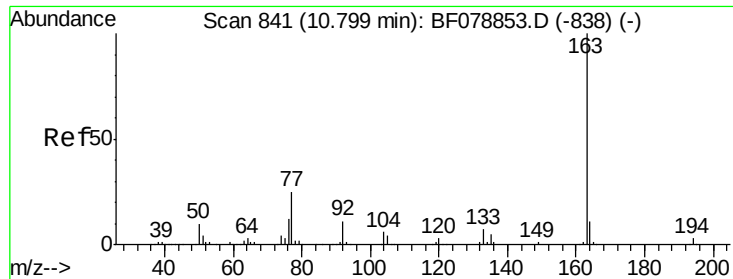
Tot Ion: 65 Resp: 118205
 Ion Ratio Lower Upper
 65 100
 92 62.6 54.0 81.0
 138 81.5 75.0 112.6



#48
 Acenaphthylene
 Concen: 38.11 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion: 152 Resp: 673413
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4
 153 13.8 10.9 16.3

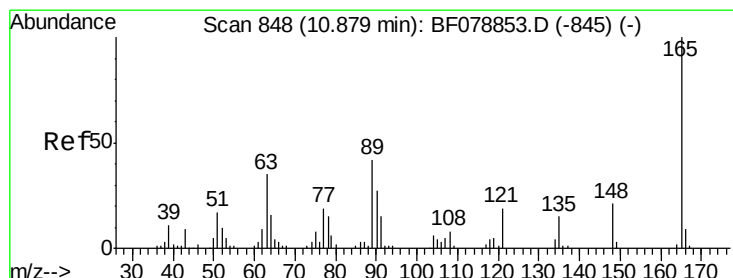
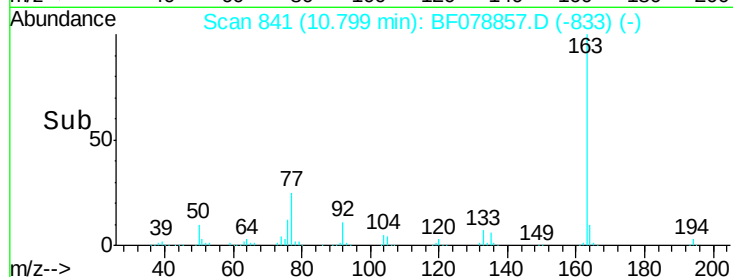
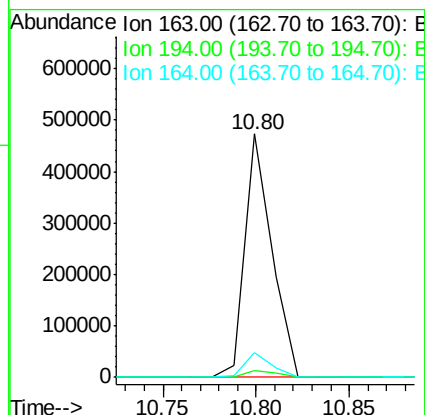
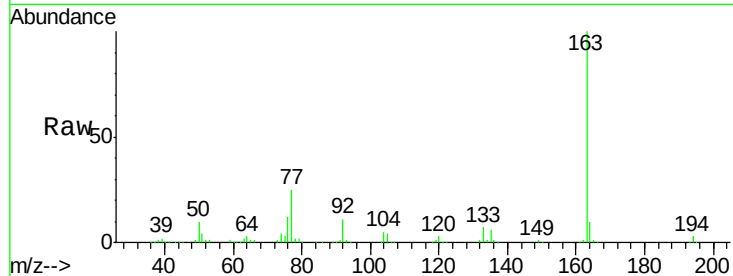




#49
Dimethylphthalate
Concen: 37.19 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

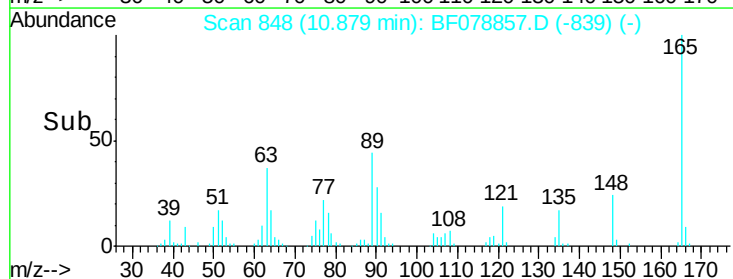
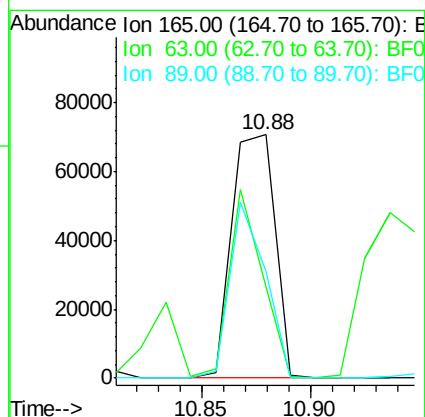
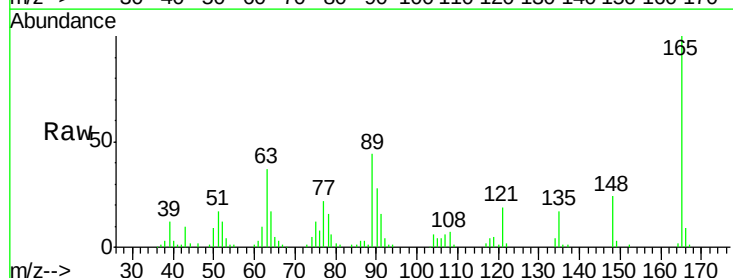
Instrument :
BNA_F
ClientSampleId :

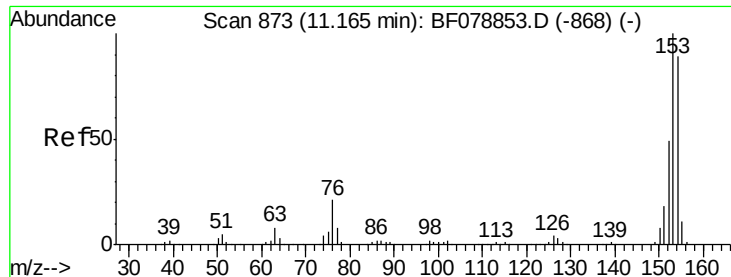
Tot Ion:163 Resp: 473657
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.71 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:165 Resp: 97309
Ion Ratio Lower Upper
165 100
63 37.3 54.4 81.6#
89 43.9 55.7 83.5#





#51

Acenaphthene

Concen: 37.94 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

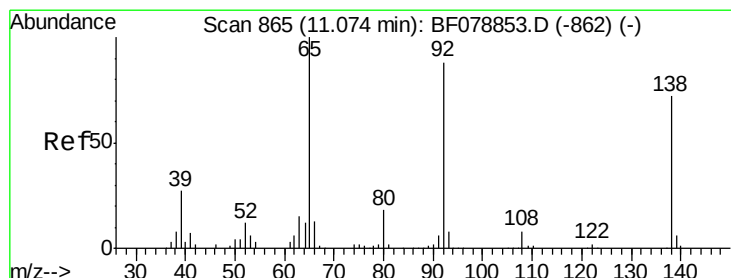
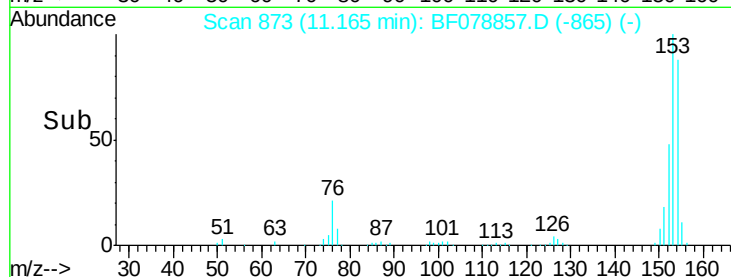
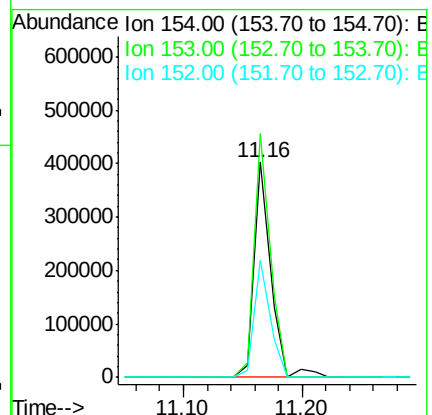
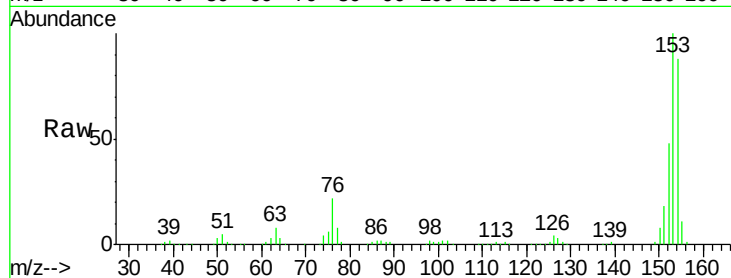
Tot Ion:154 Resp: 399820

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

152 54.4 44.2 66.4



#52

3-Nitroaniline

Concen: 38.40 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

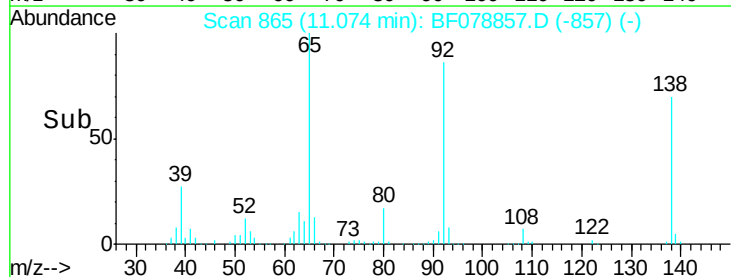
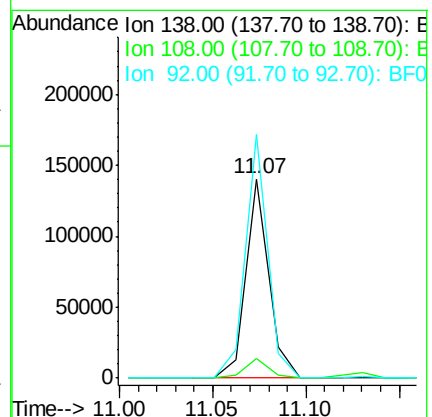
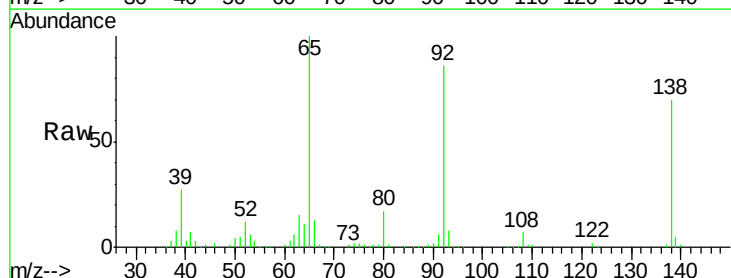
Tgt Ion:138 Resp: 120578

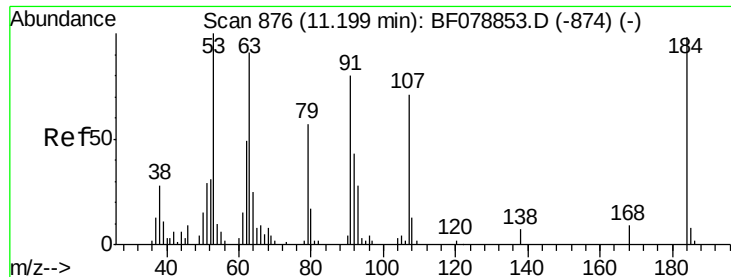
Ion Ratio Lower Upper

138 100

108 10.1 10.6 16.0#

92 122.3 81.8 122.6

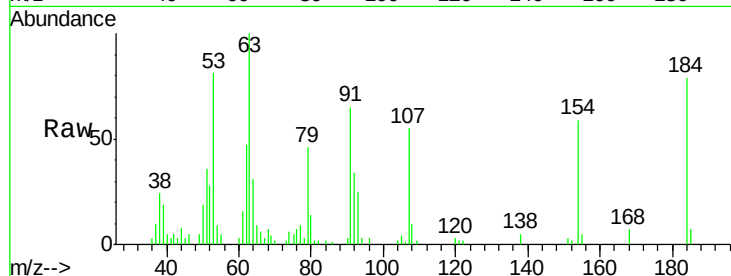




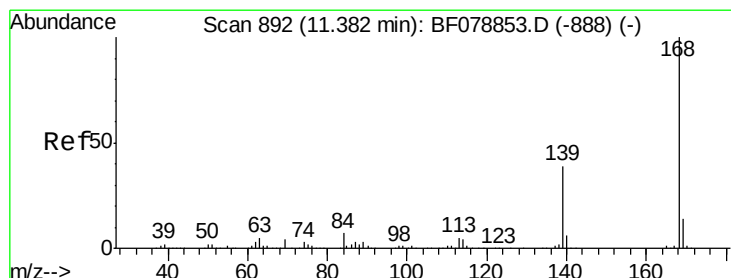
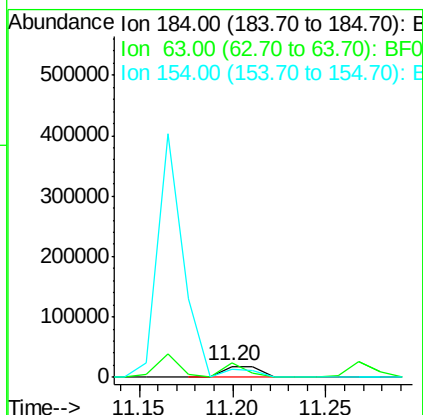
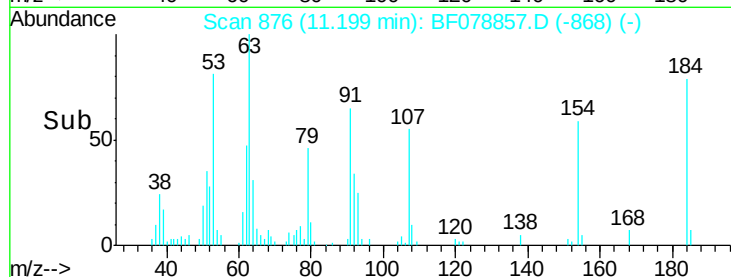
#53
2,4-Dinitrophenol
Concen: 38.08 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 25803
Ion Ratio Lower Upper
184 100
63 127.3 63.3 94.9#
154 75.2 53.8 80.6

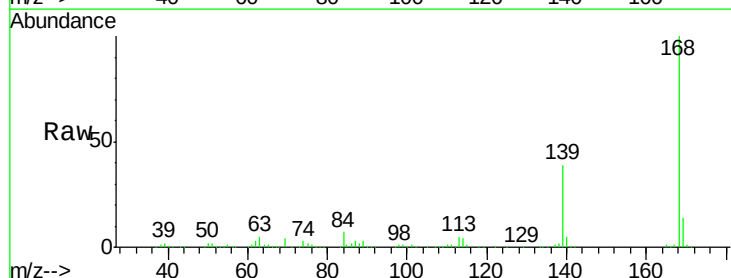


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

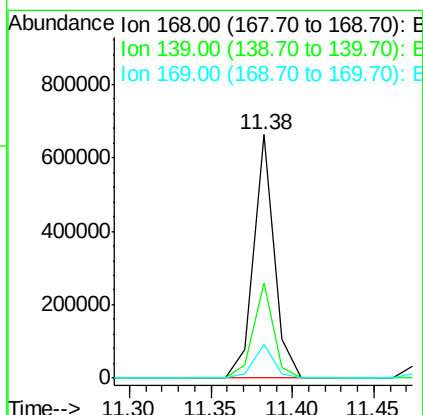
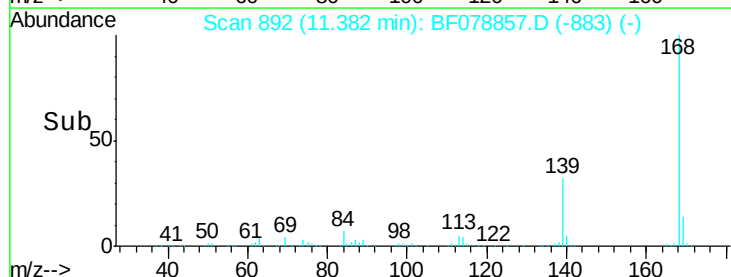


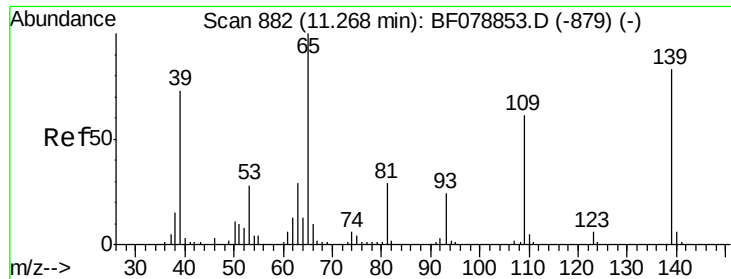
#54
Dibenzofuran
Concen: 38.21 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:168 Resp: 581564
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 13.8 10.6 16.0



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

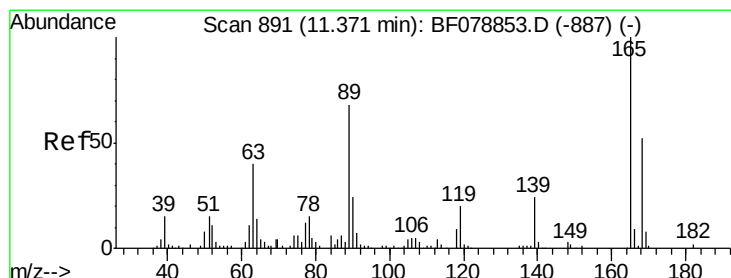
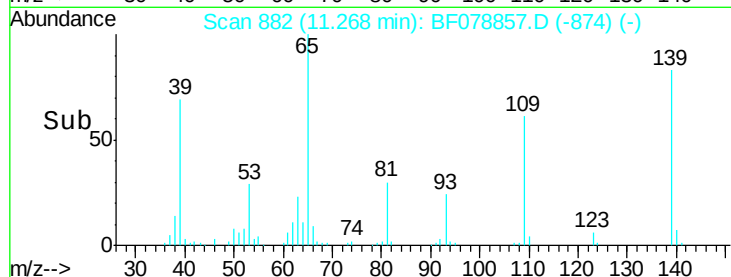
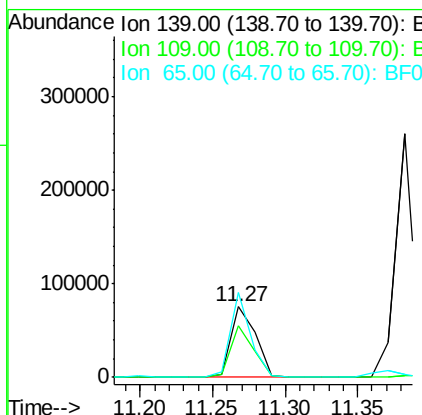
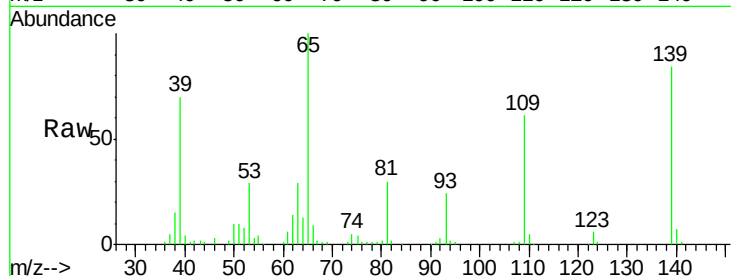




#55
4-Nitrophenol
Concen: 36.14 na
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

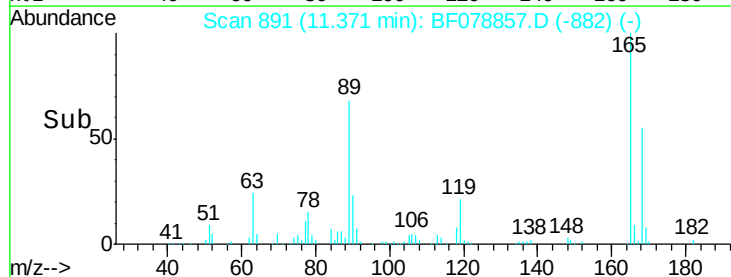
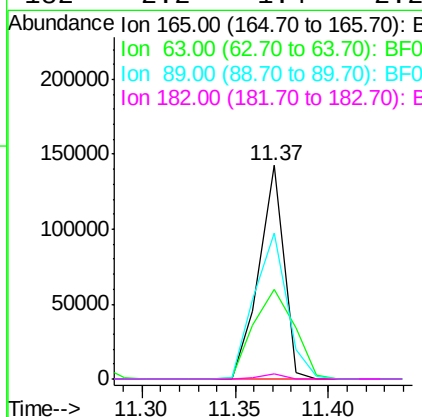
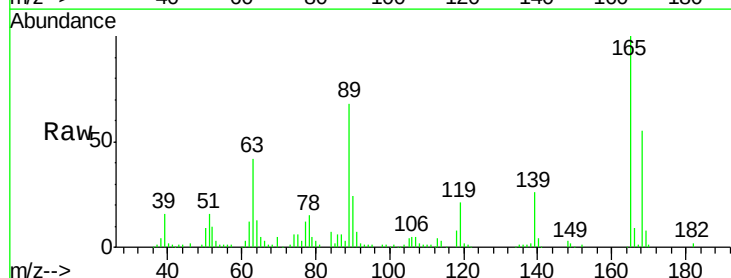
Instrument :
BNA_F
ClientSampleId :

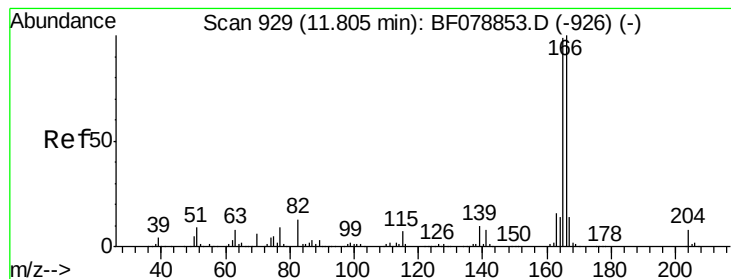
Tot Ion:139 Resp: 89826
Ion Ratio Lower Upper
139 100
109 73.0 47.6 87.6
65 119.6 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 39.70 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:165 Resp: 131927
Ion Ratio Lower Upper
165 100
63 42.2 51.2 76.8#
89 68.0 82.7 124.1#
182 2.2 1.4 2.2#





#57

Fluorene

Concen: 37.36 ng

RT: 11.81 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

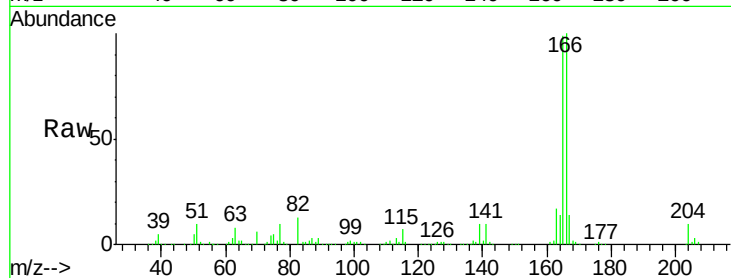
Tot Ion:166 Resp: 466774

Ion Ratio Lower Upper

166 100

165 99.2 78.5 117.7

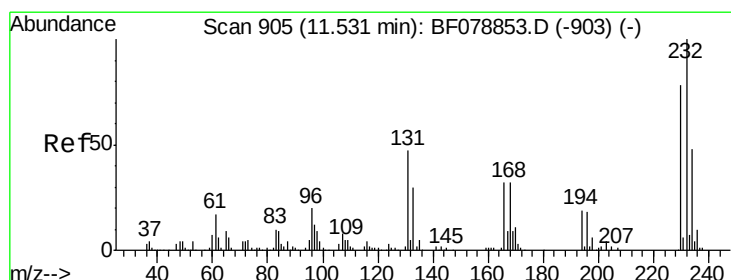
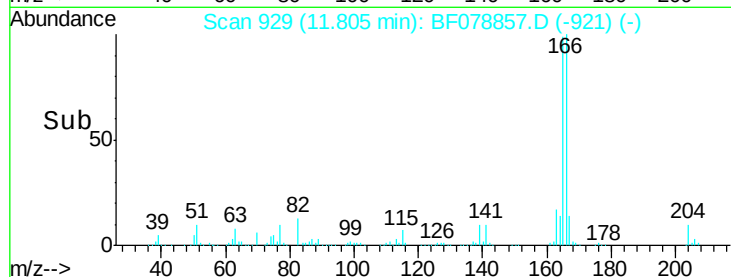
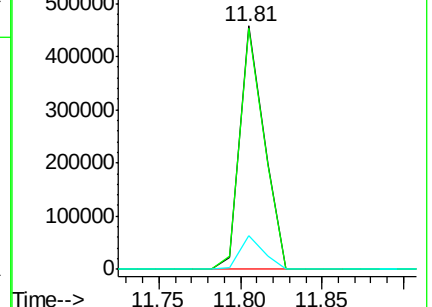
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.06 ng

RT: 11.53 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Tgt Ion:232 Resp: 108444

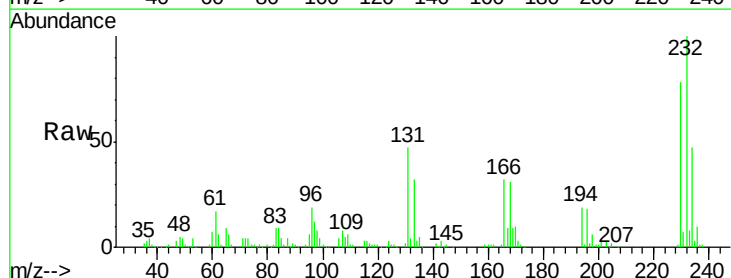
Ion Ratio Lower Upper

232 100

131 52.0 0.0 0.0#

130 2.4 0.0 0.0#

166 33.0 0.0 0.0#

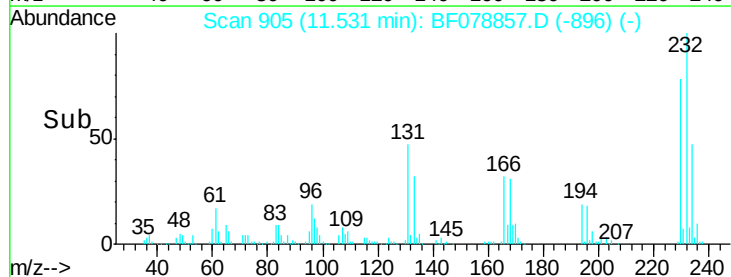
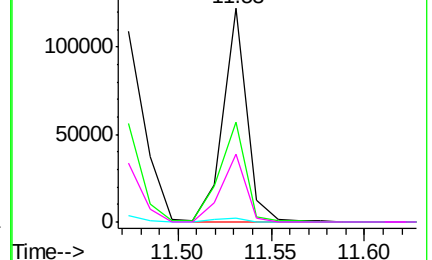


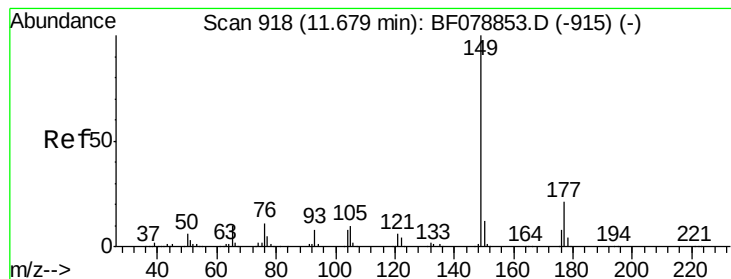
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.87 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

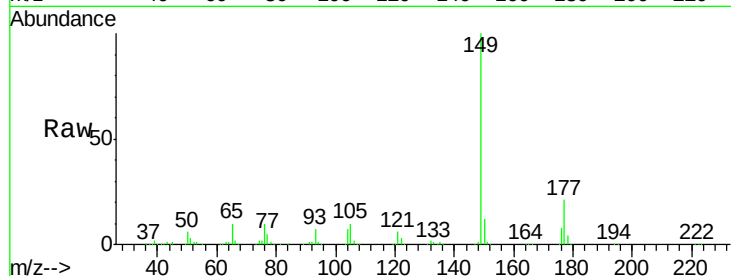
Tot Ion:149 Resp: 490502

Ion Ratio Lower Upper

149 100

177 21.2 17.5 26.3

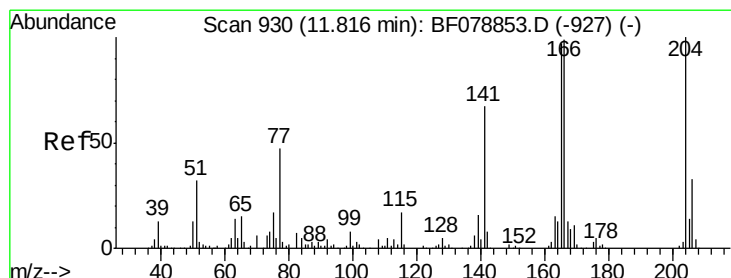
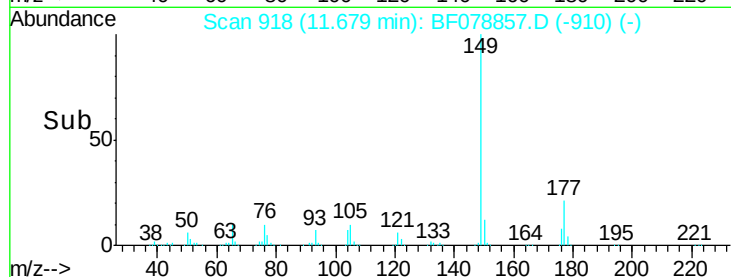
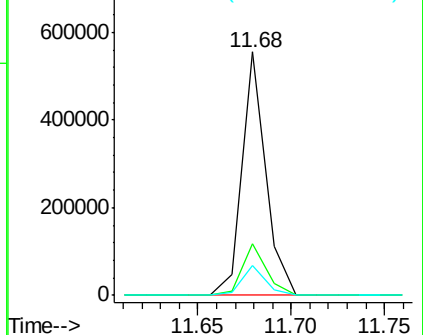
150 12.4 9.6 14.4



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: 38.60 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

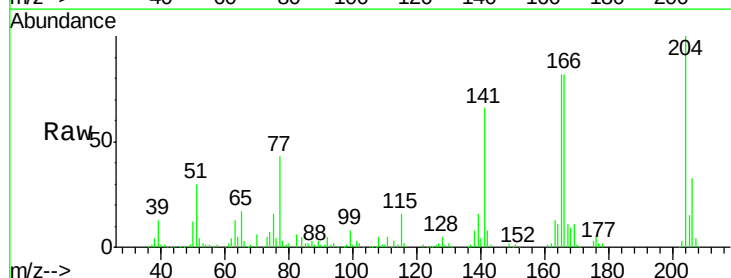
Tgt Ion:204 Resp: 213953

Ion Ratio Lower Upper

204 100

206 32.6 26.9 40.3

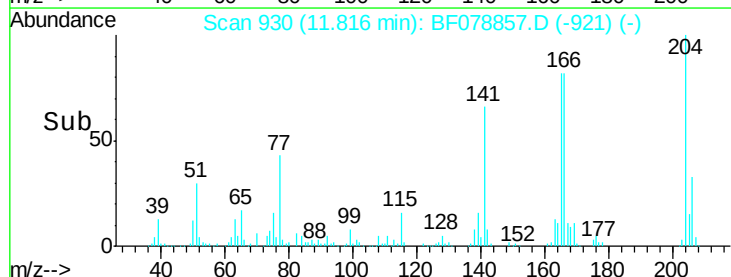
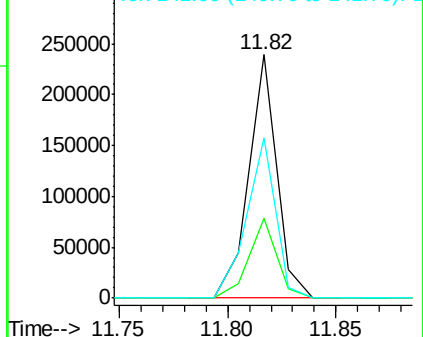
141 65.7 48.3 72.5

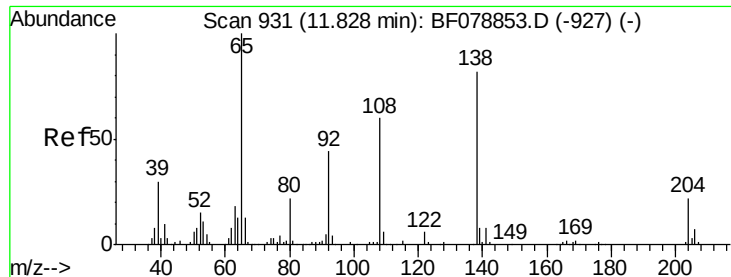


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

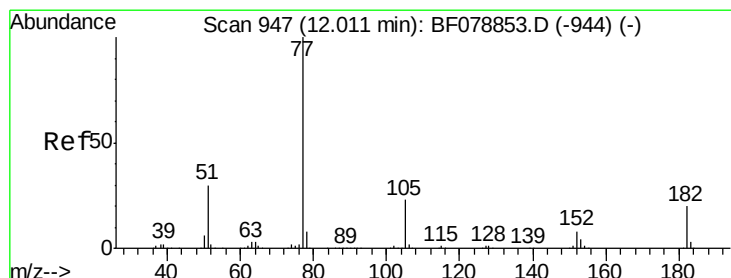
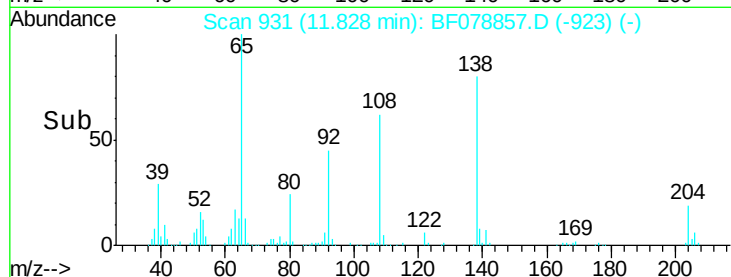
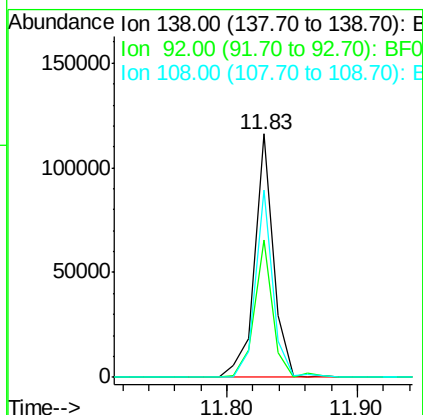
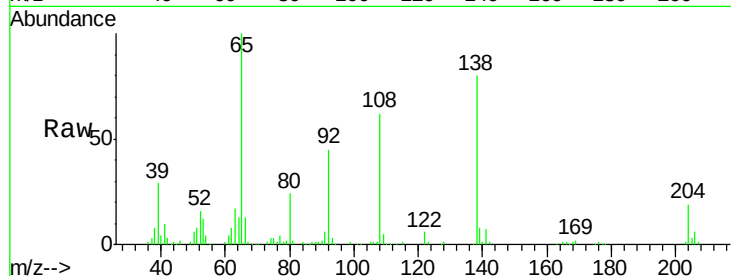




#61
4-Nitroaniline
Concen: 37.52 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

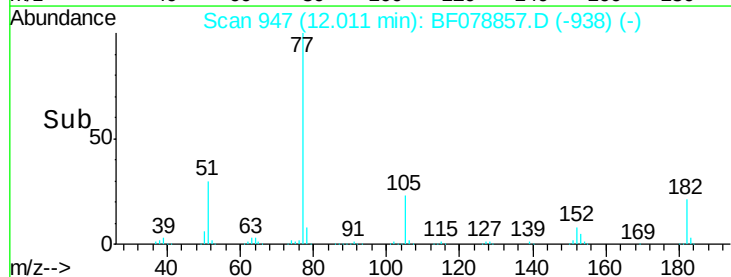
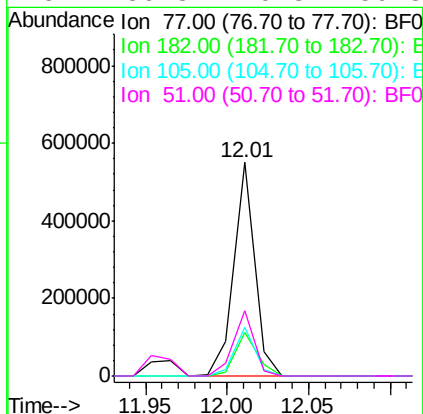
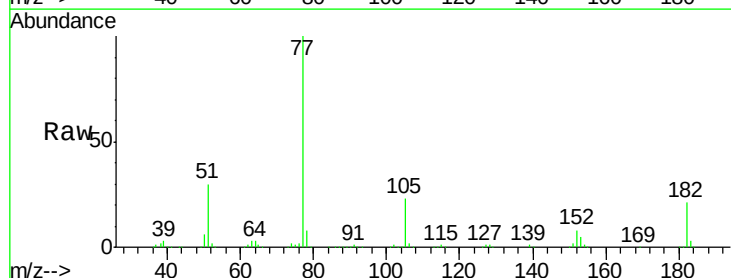
Instrument :
BNA_F
ClientSampleId :

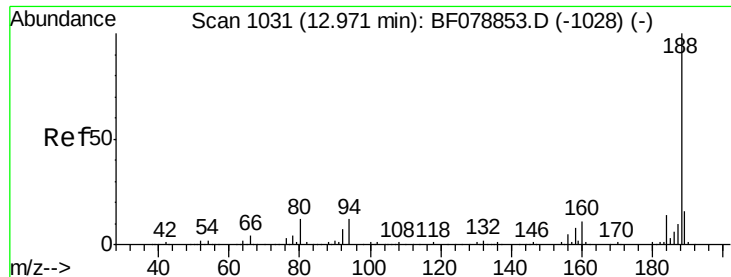
Tot Ion:138 Resp: 117877
Ion Ratio Lower Upper
138 100
92 56.3 28.0 68.0
108 77.1 56.3 96.3



#62
Azobenzene
Concen: 38.98 ng
RT: 12.01 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion: 77 Resp: 484667
Ion Ratio Lower Upper
77 100
182 20.6 3.8 43.8
105 22.9 3.9 43.9
51 30.3 10.8 50.8

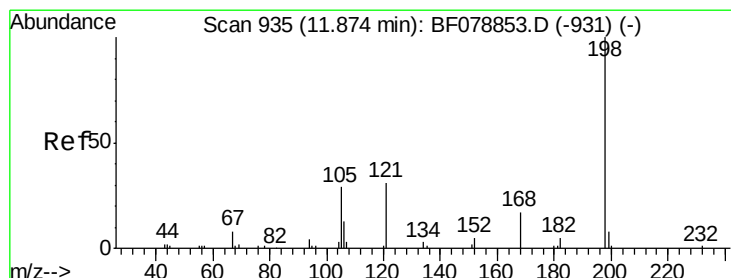
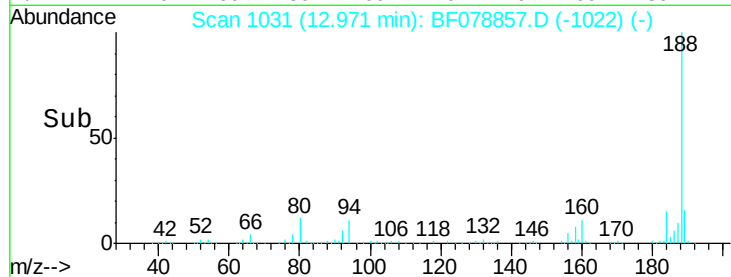
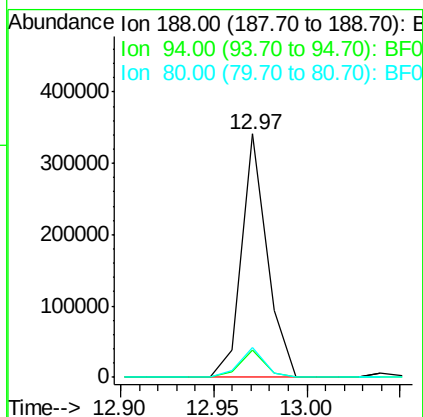
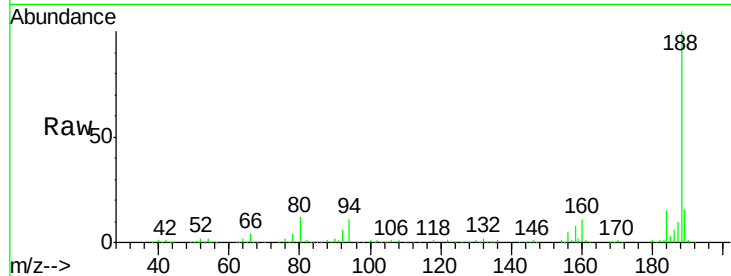




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

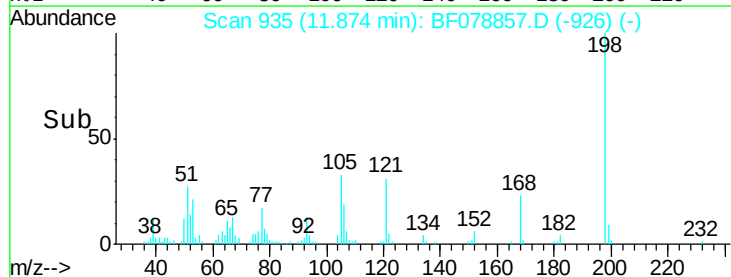
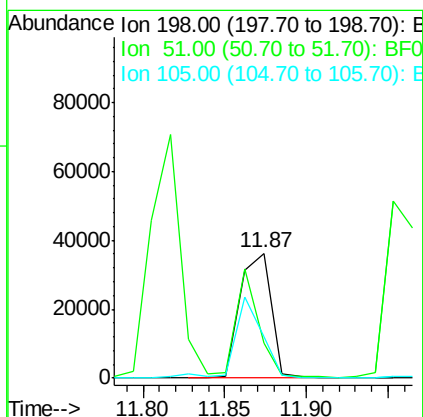
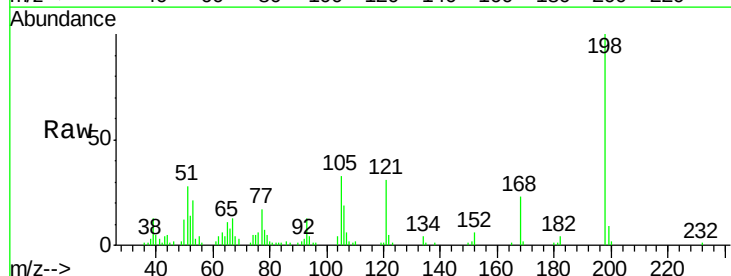
Instrument :
BNA_F
ClientSampleId :

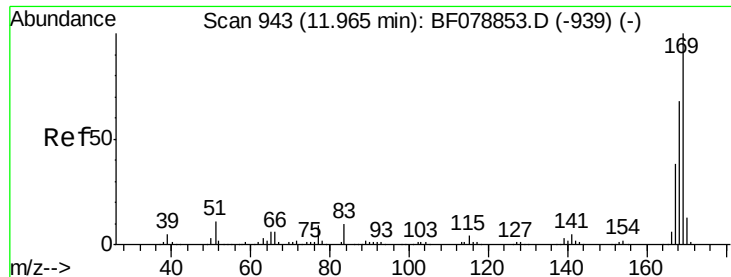
Tot Ion:188 Resp: 326231
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 12.0 8.9 13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 38.30 ng
RT: 11.87 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion:198 Resp: 47763
Ion Ratio Lower Upper
198 100
51 28.4 47.3 87.3#
105 32.8 38.8 78.8#

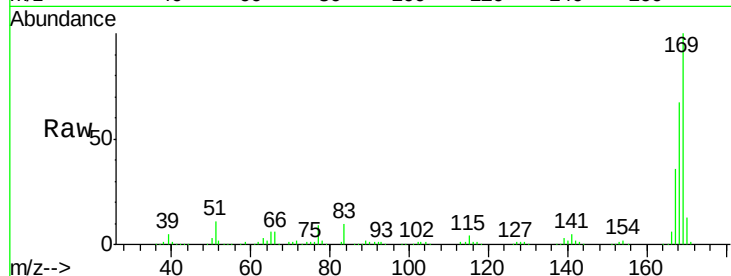




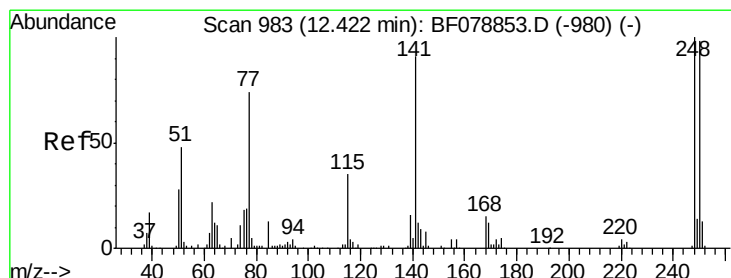
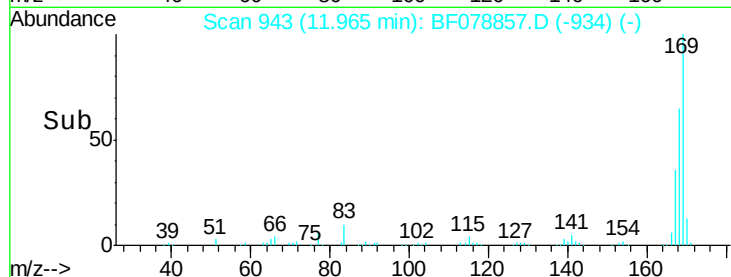
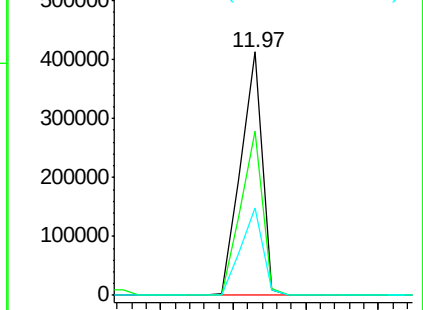
#65
 n-Nitrosodiphenylamine
 Concen: 39.09 ng
 RT: 11.97 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 424654
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.6 82.0
 167 36.0 30.6 45.8

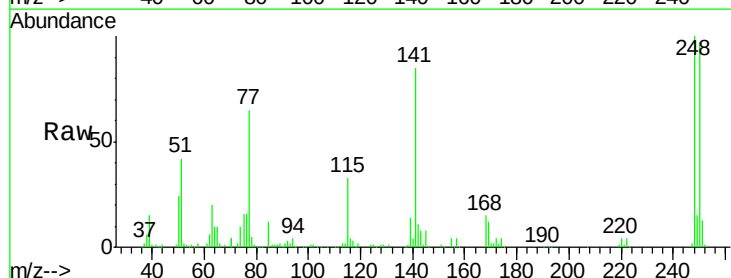


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

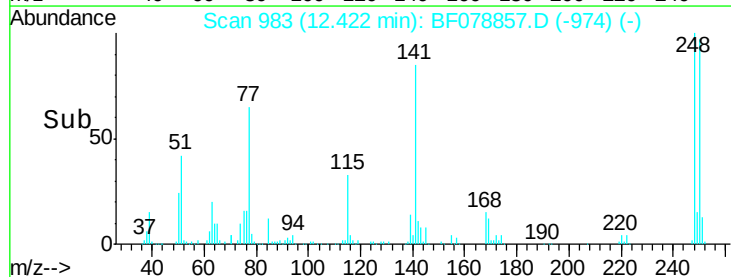
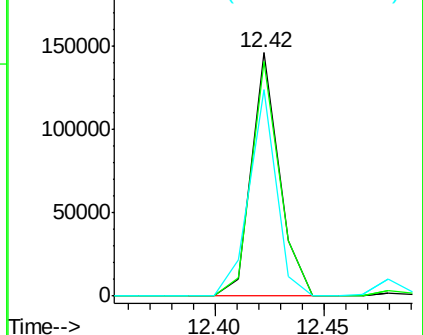


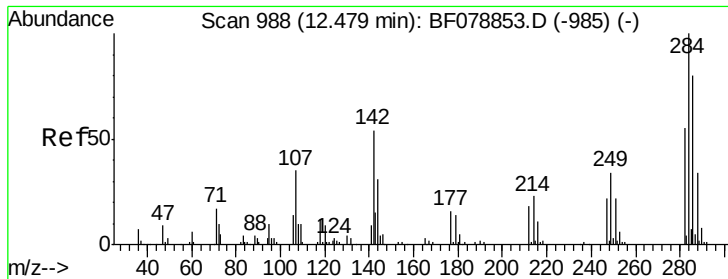
#66
 4-Bromophenyl-phenylether
 Concen: 38.29 ng
 RT: 12.42 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion:248 Resp: 130201
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 85.0 58.8 88.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.64 ng

RT: 12.48 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

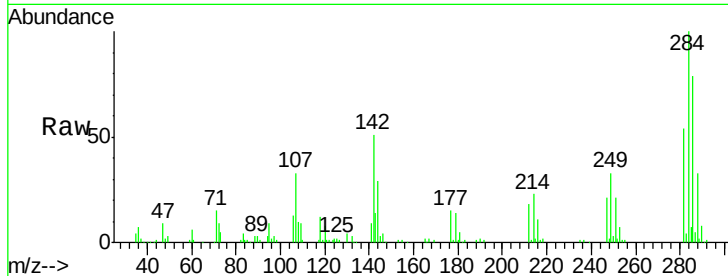
Tot Ion:284 Resp: 146276

Ion Ratio Lower Upper

284 100

142 50.7 35.2 52.8

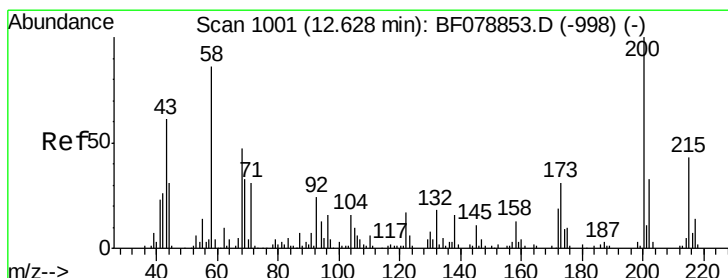
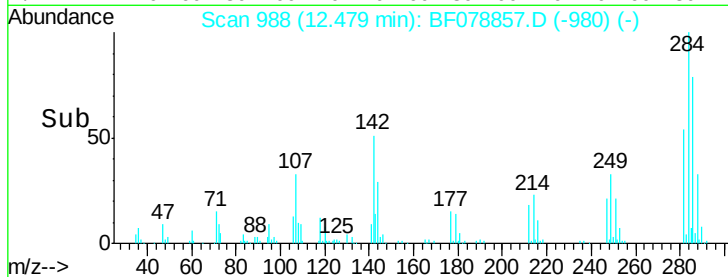
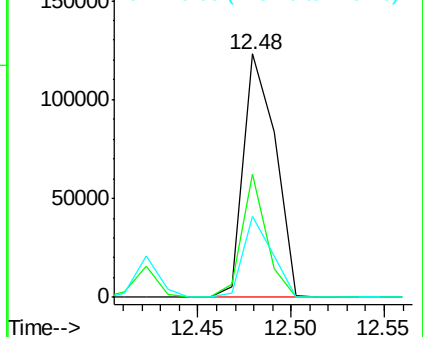
249 33.4 25.4 38.2



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: 37.84 ng

RT: 12.63 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

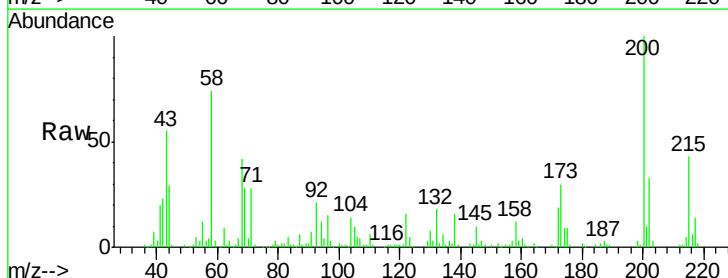
Tgt Ion:200 Resp: 119561

Ion Ratio Lower Upper

200 100

173 30.2 8.1 48.1

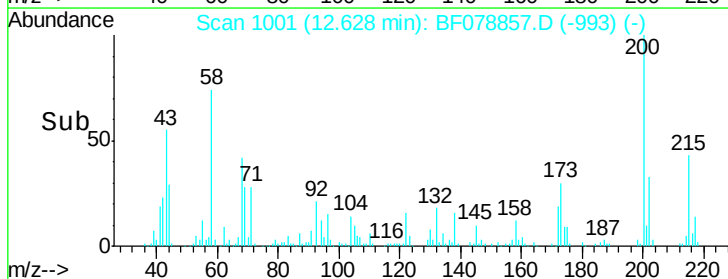
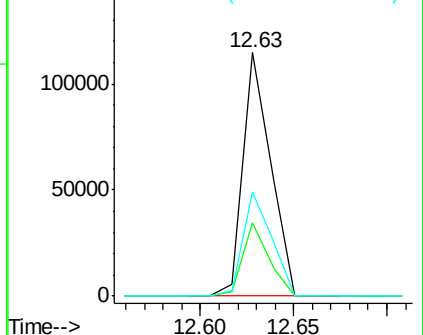
215 42.8 22.9 62.9

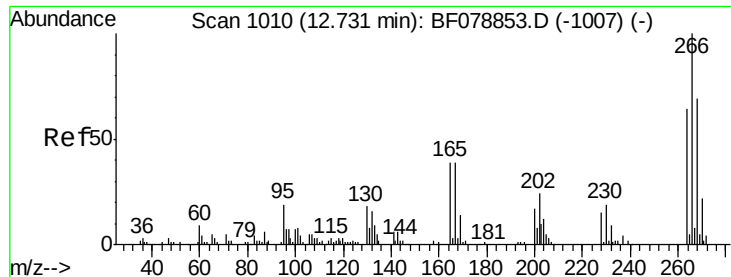


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

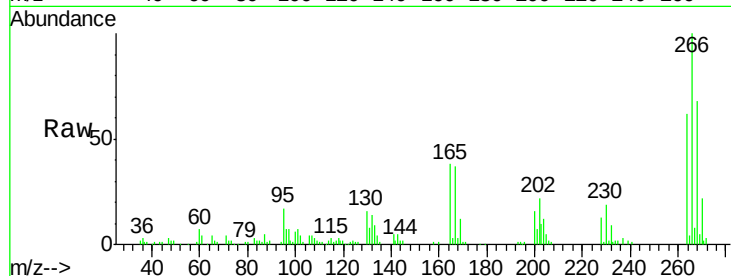




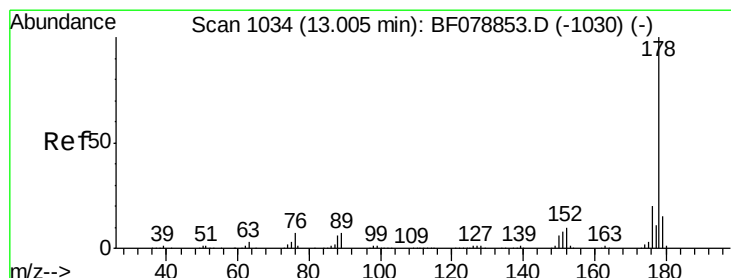
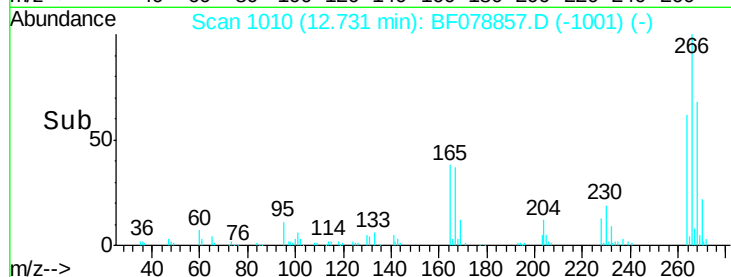
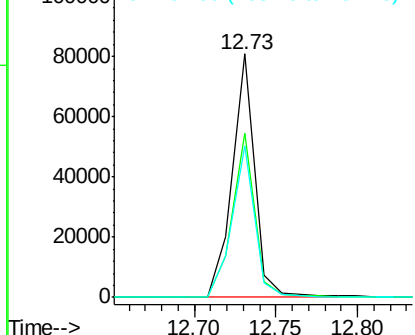
#69
 Pentachlorophenol
 Concen: 37.79 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 76953
 Ion Ratio Lower Upper
 266 100
 268 67.6 55.0 82.6
 264 62.4 48.2 72.2

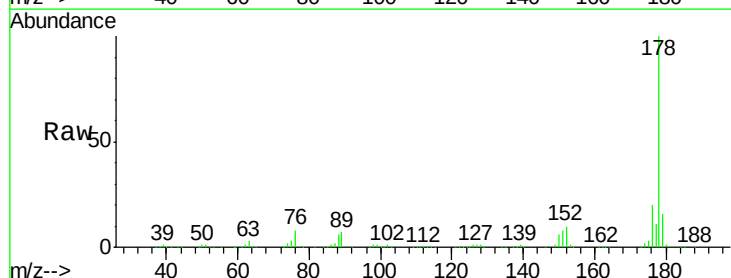


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

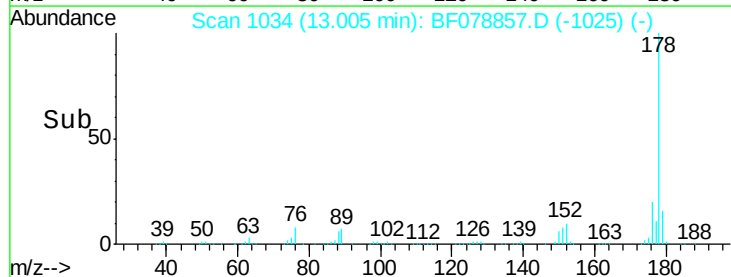
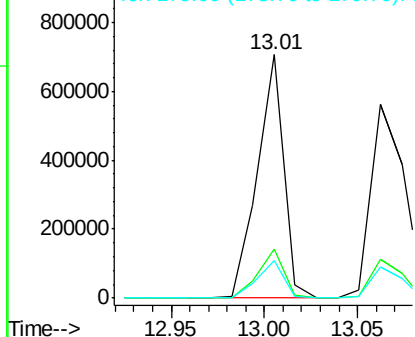


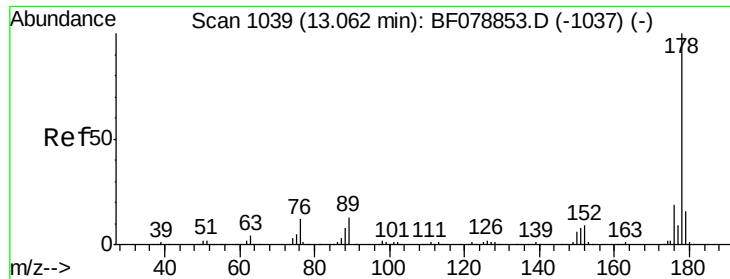
#70
 Phenanthrene
 Concen: 38.28 ng
 RT: 13.01 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion:178 Resp: 698609
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.6 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

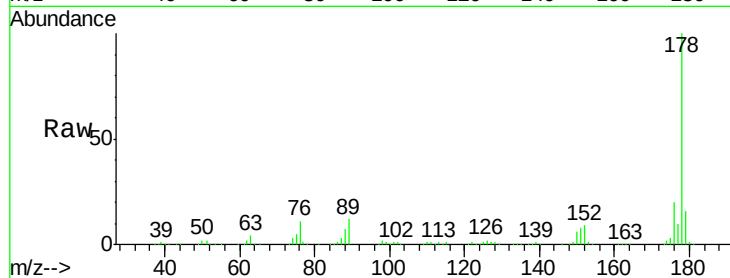




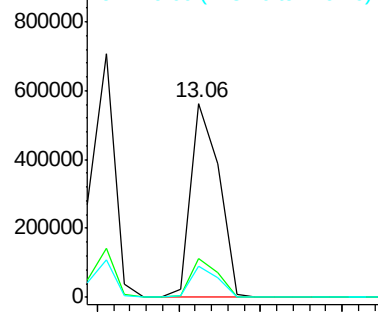
#71
 Anthracene
 Concen: 37.71 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampled :

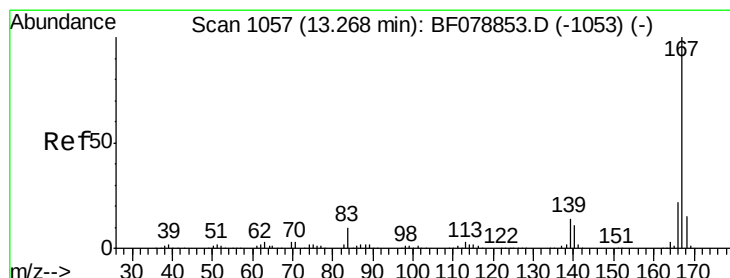
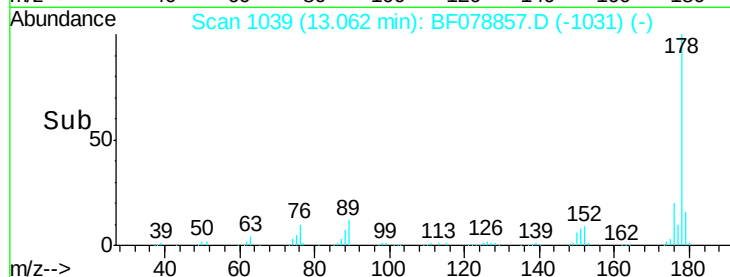
Tot Ion:178 Resp: 675250
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.9 12.7 19.1



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

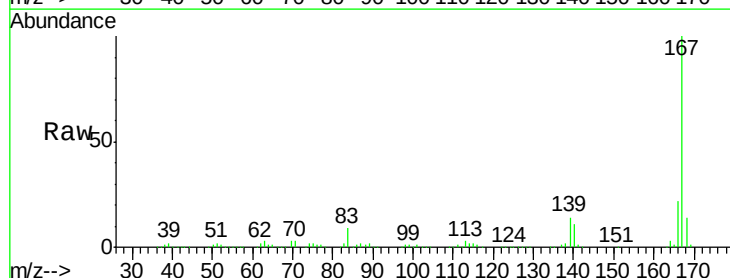


Time--> 13.00 13.05 13.10 13.15

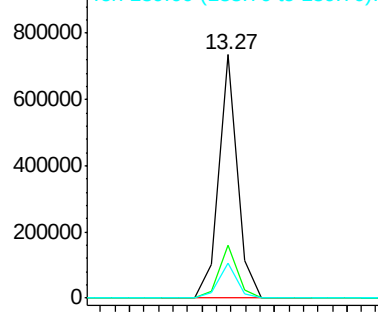


#72
 Carbazole
 Concen: 38.42 ng
 RT: 13.27 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

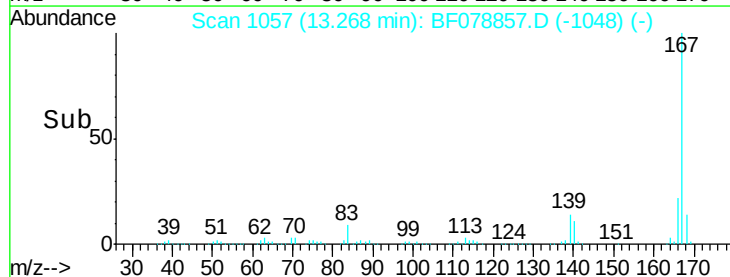
Tgt Ion:167 Resp: 655673
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 14.3 10.6 16.0

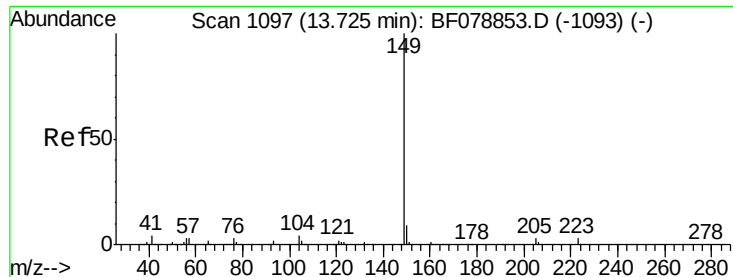


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 13.20 13.25 13.30 13.35





#73

Di-n-butylphthalate

Concen: 39.36 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

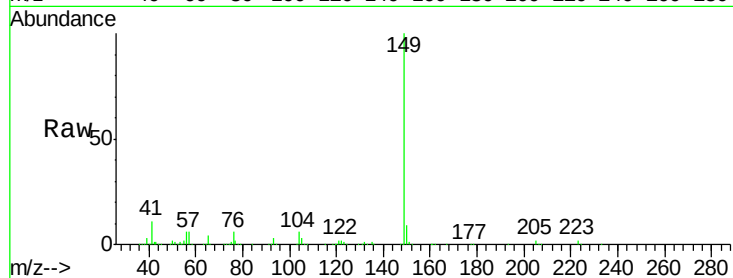
Tot Ion:149 Resp: 805597

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

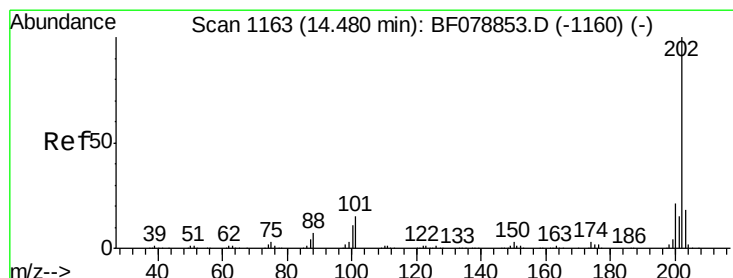
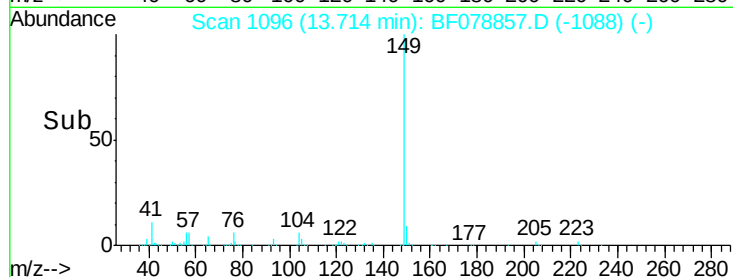
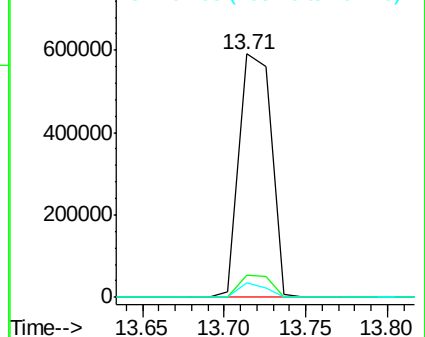
104 5.8 4.6 7.0



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: 38.58 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

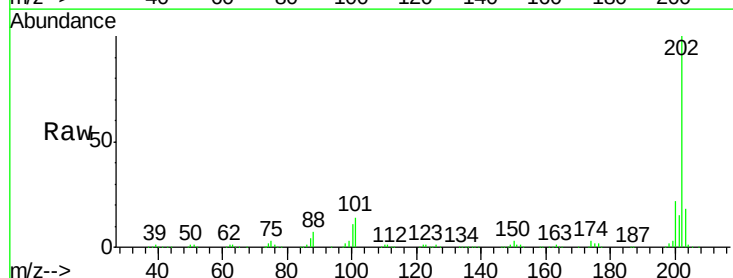
Tgt Ion:202 Resp: 733728

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

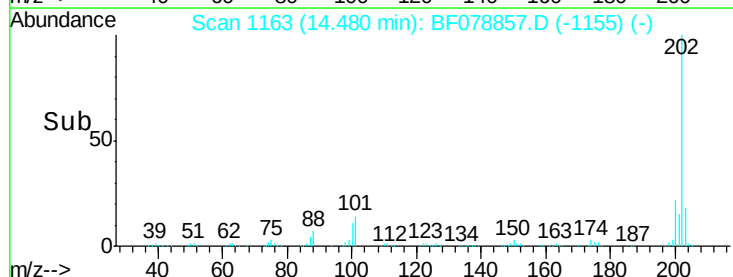
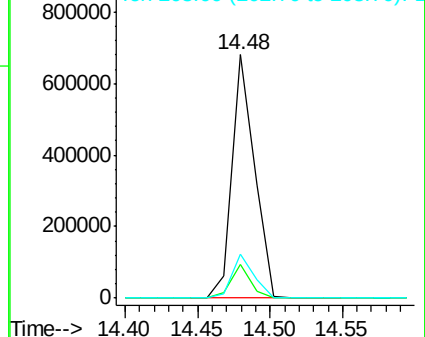
203 18.0 0.0 38.4

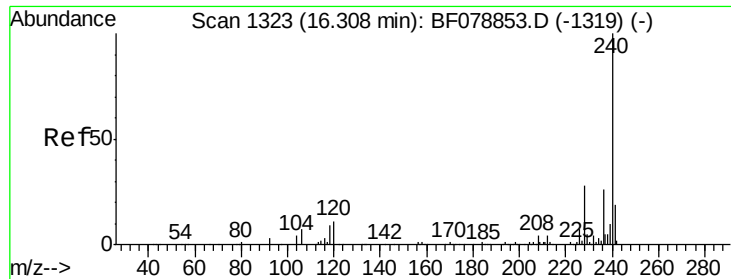


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

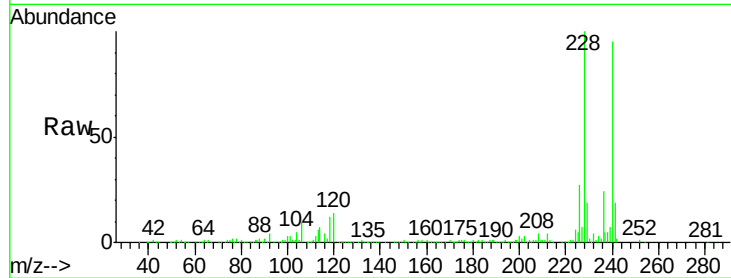
Tot Ion:240 Resp: 339439

Ion Ratio Lower Upper

240 100

120 14.8 9.7 14.5#

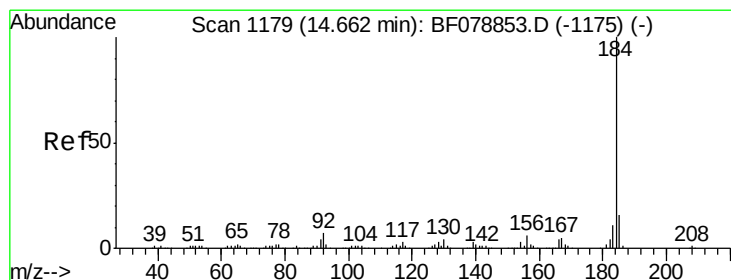
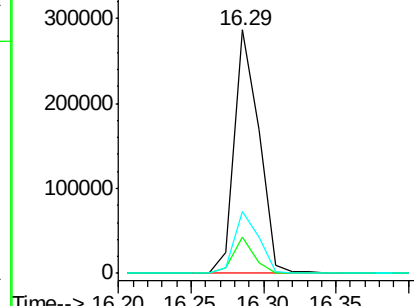
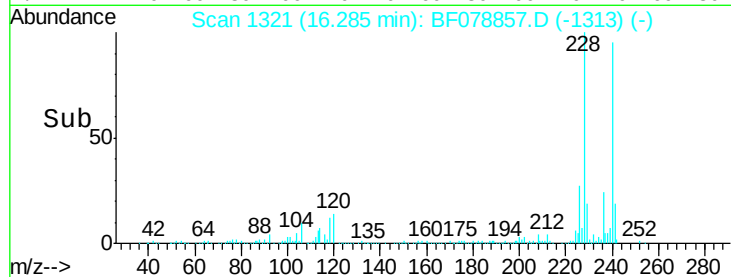
236 25.4 20.2 30.4



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: 40.53 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

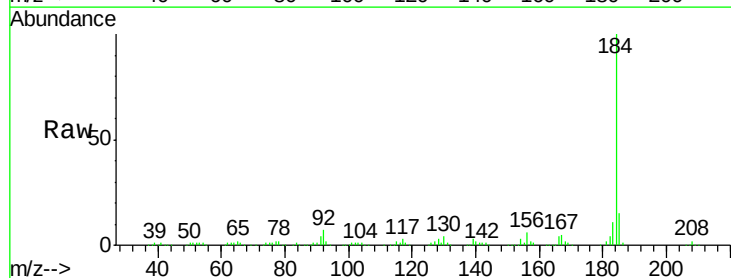
Tgt Ion:184 Resp: 370736

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

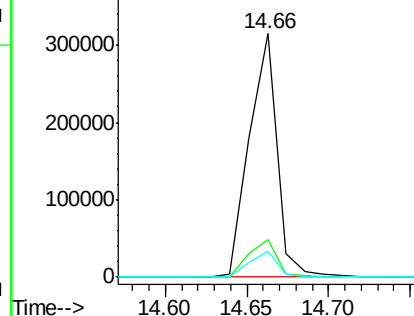
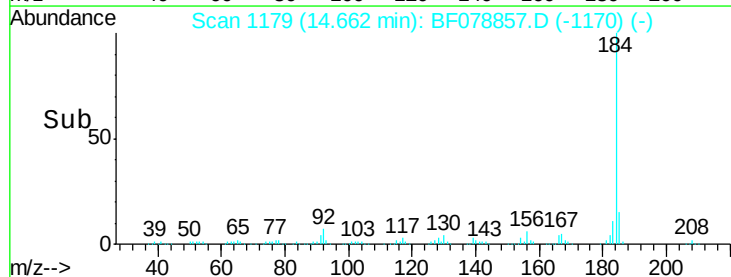
183 10.7 8.4 12.6

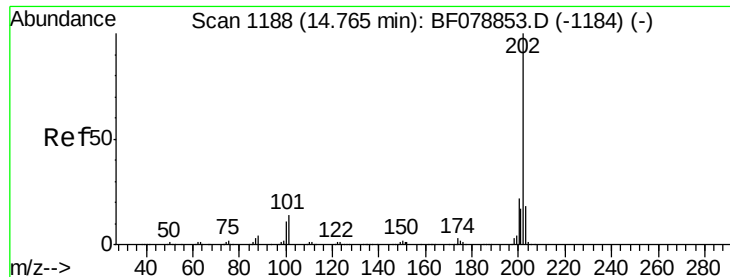


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.95 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

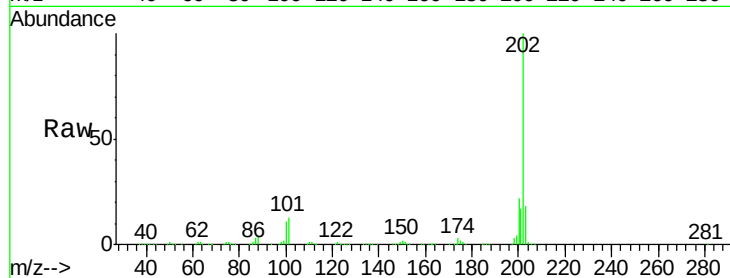
Tot Ion:202 Resp: 781439

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

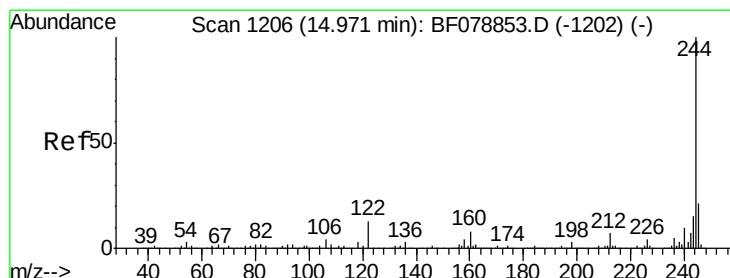
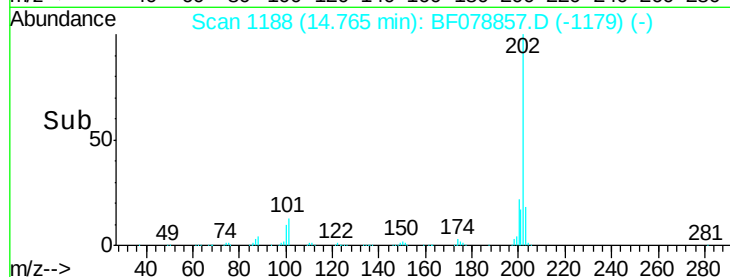
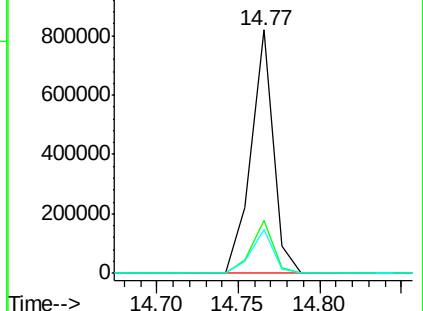
203 17.8 13.9 20.9



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: 79.46 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

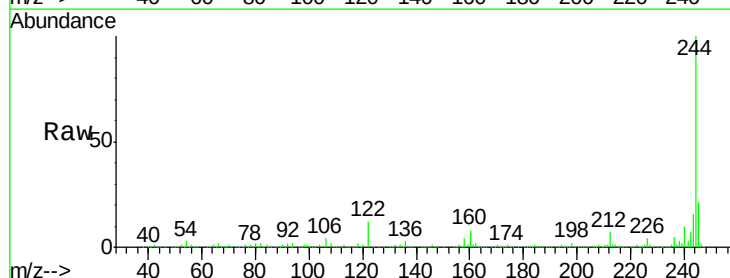
Tgt Ion:244 Resp: 1126524

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

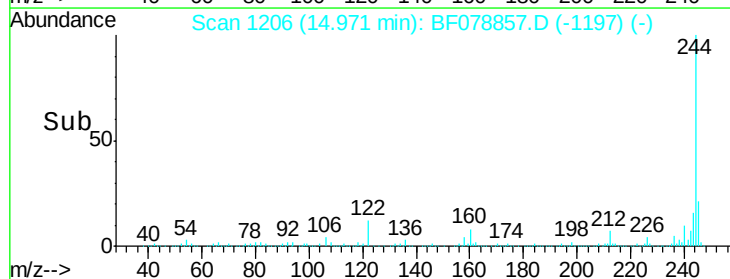
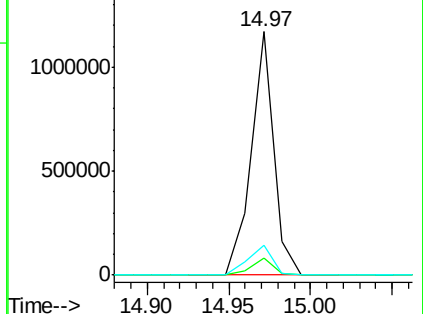
122 12.4 10.3 15.5

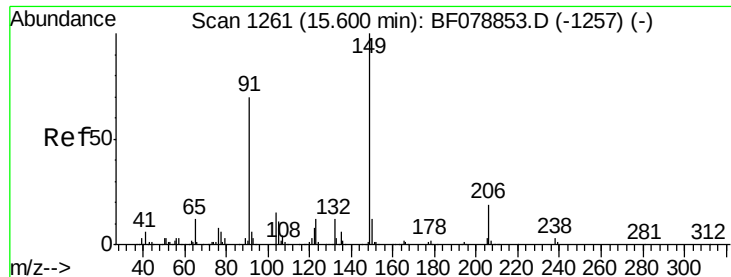


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.49 ng

RT: 15.59 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

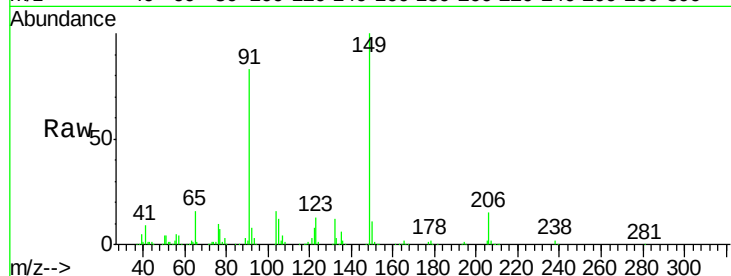
Tot Ion:149 Resp: 346221

Ion Ratio Lower Upper

149 100

91 83.0 64.6 97.0

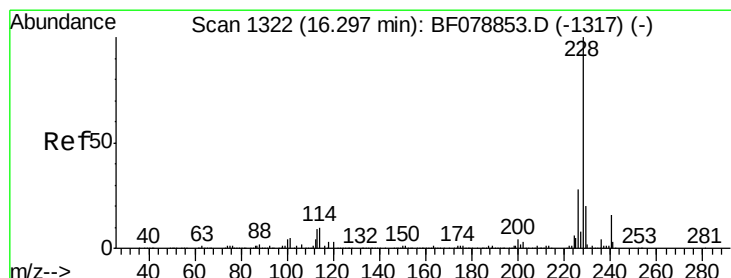
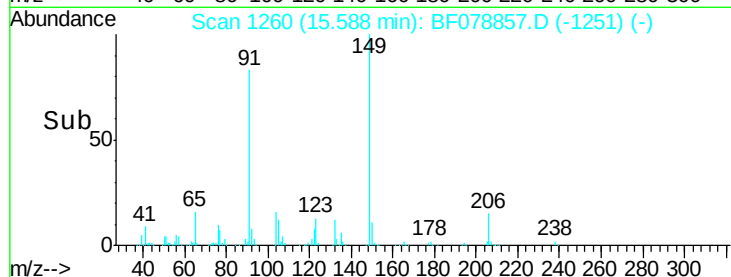
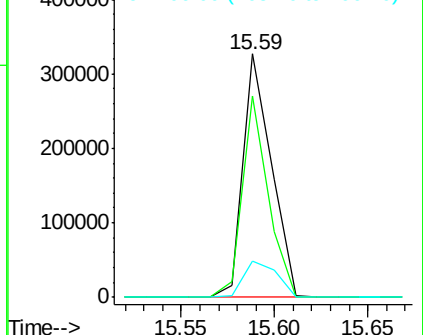
206 15.1 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.91 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

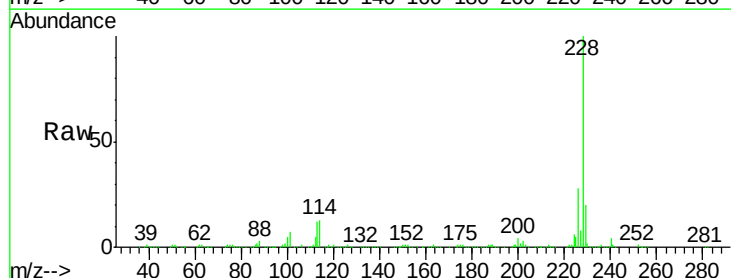
Tgt Ion:228 Resp: 723252

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

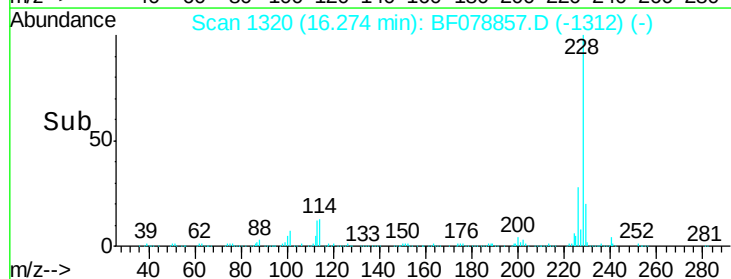
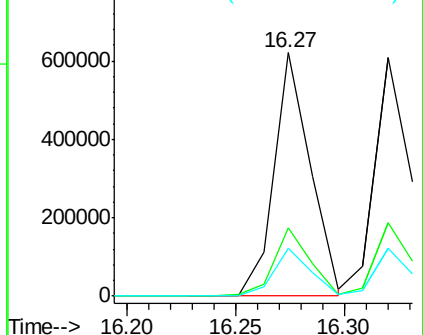
229 19.6 15.9 23.9

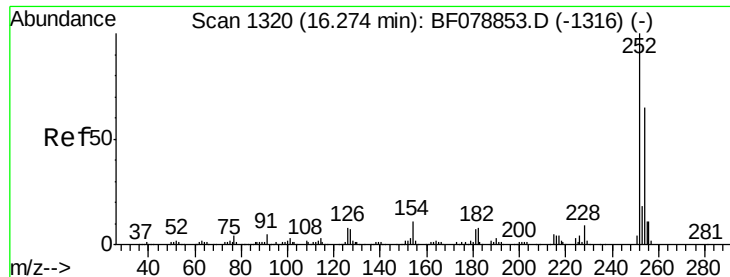


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

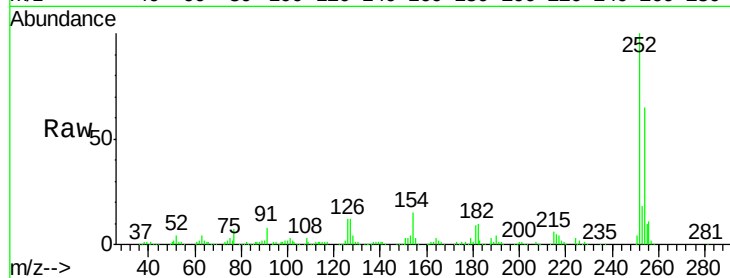




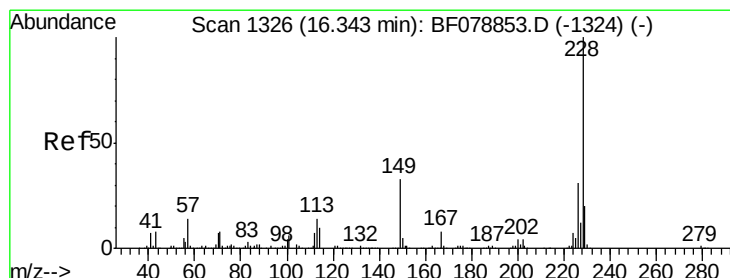
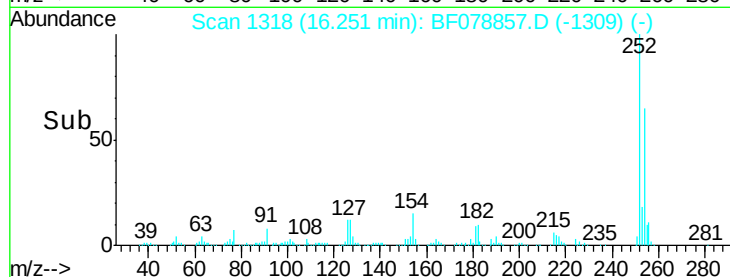
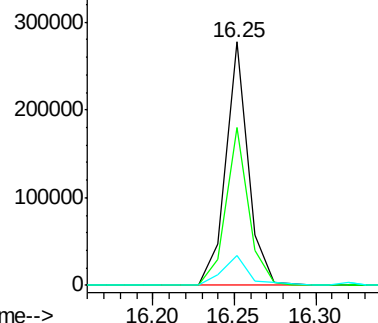
#81
 3,3'-Dichlorobenzidine
 Concen: 40.44 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	12.1	6.6	10.0

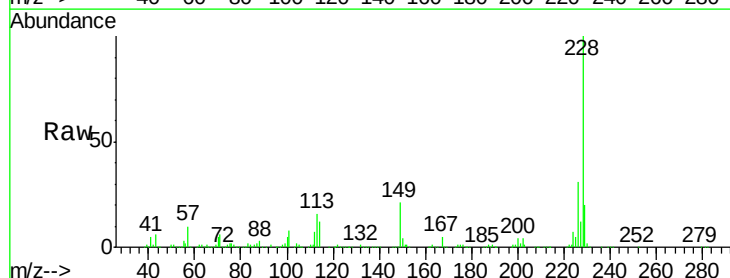


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

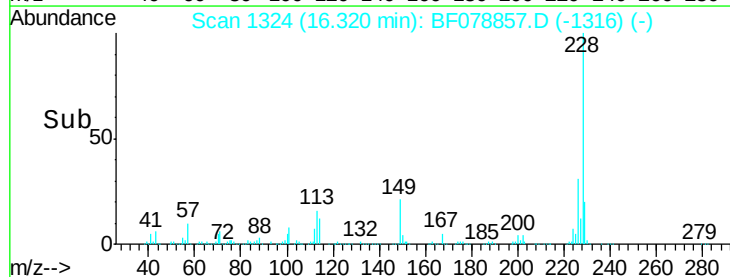
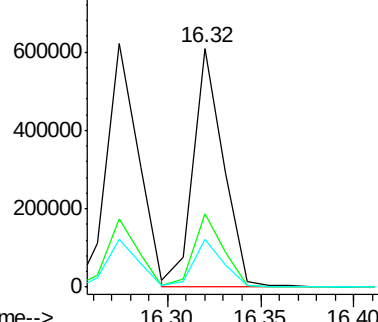


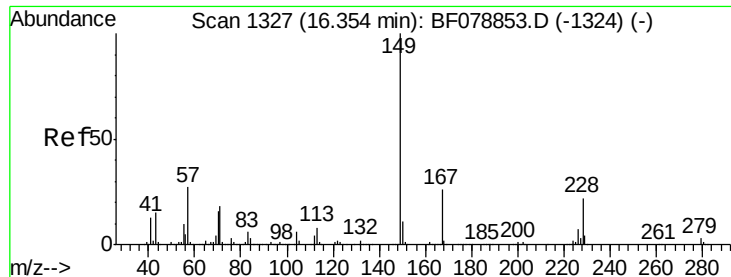
#82
 Chrysene
 Concen: 38.09 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078857.D
 Acq: 30 Apr 2015 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.1	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.27 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

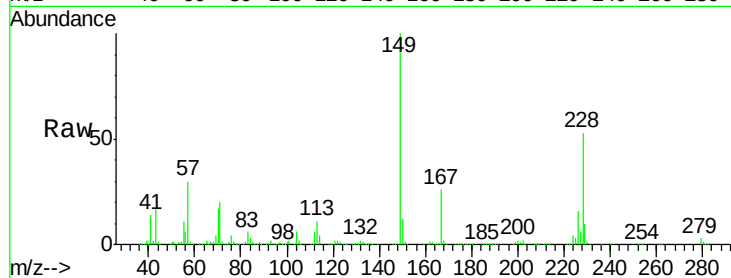
Tot Ion:149 Resp: 547387

Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.8

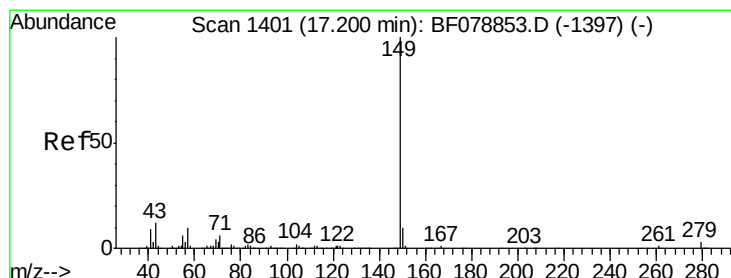
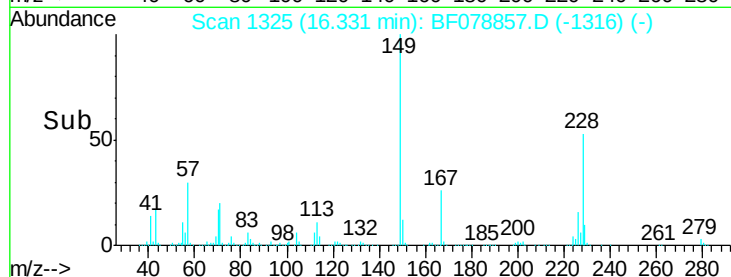
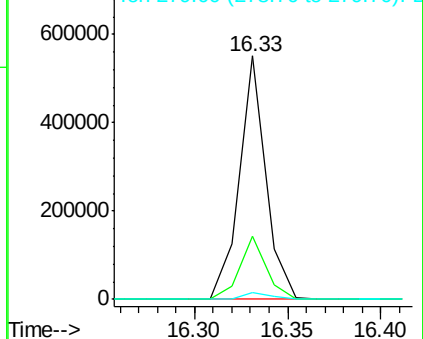
279 3.0 2.9 4.3



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: 39.64 ng

RT: 17.17 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

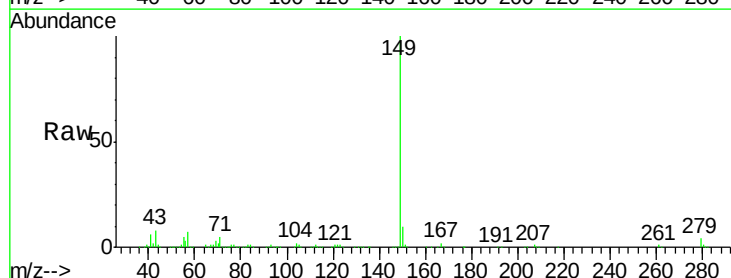
Tgt Ion:149 Resp: 904059

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

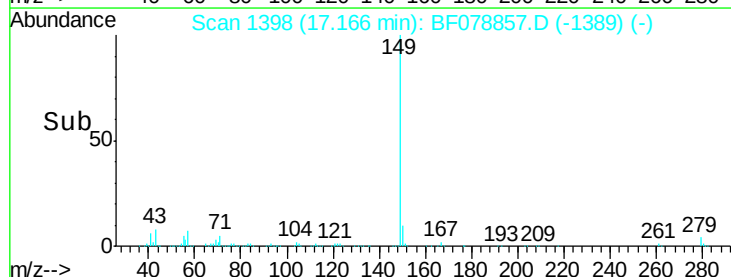
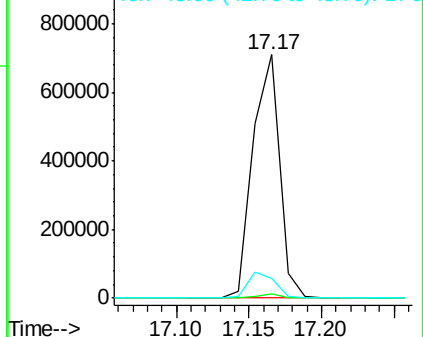
43 10.9 0.0 0.0#

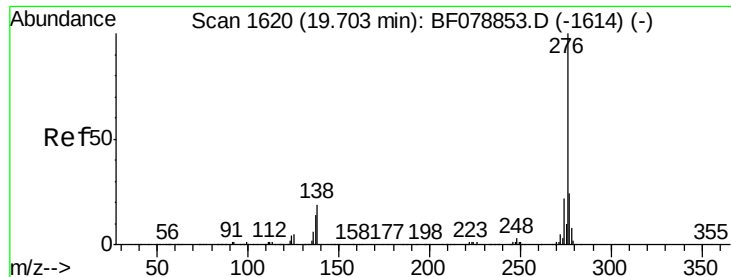


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.42 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

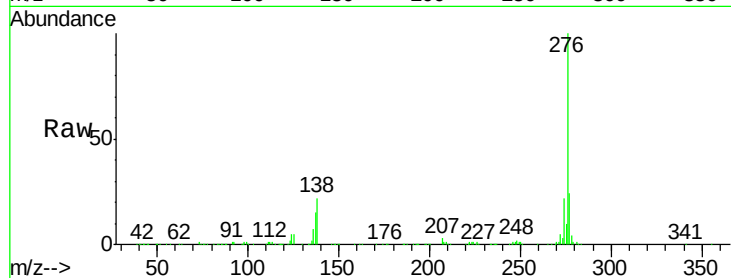
Tot Ion:276 Resp: 898025

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

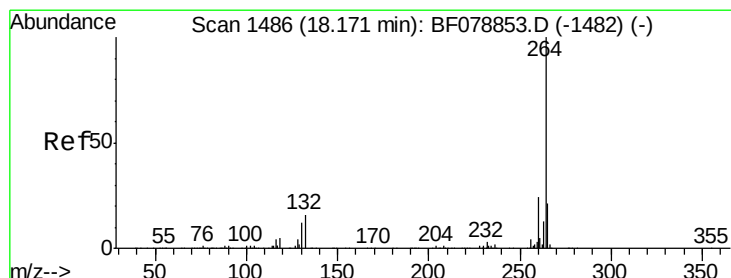
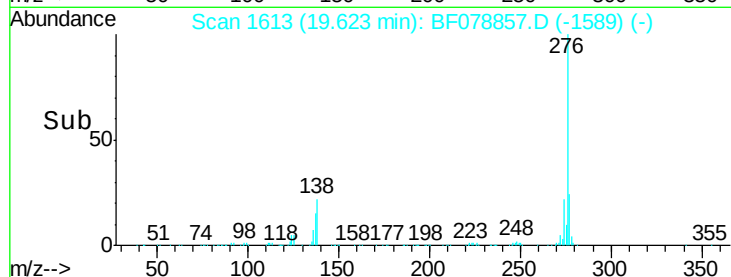
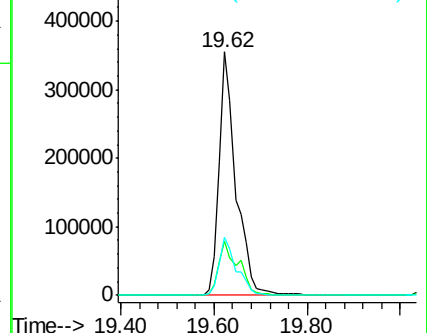
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.10 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

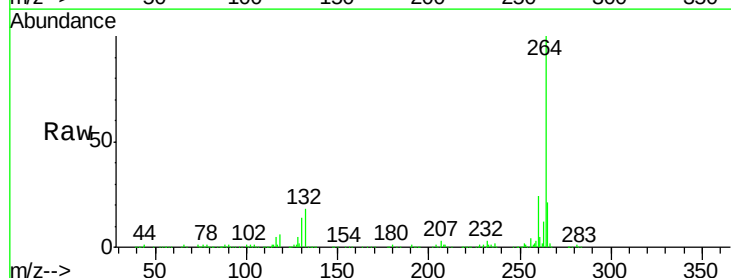
Tgt Ion:264 Resp: 344928

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

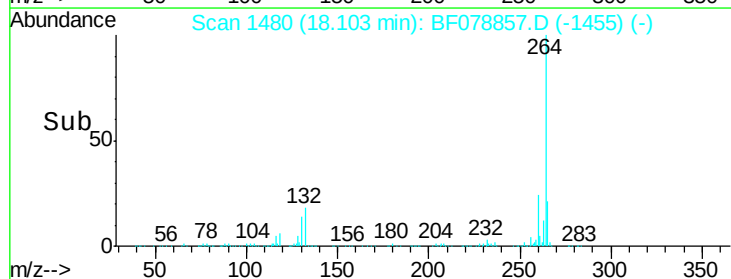
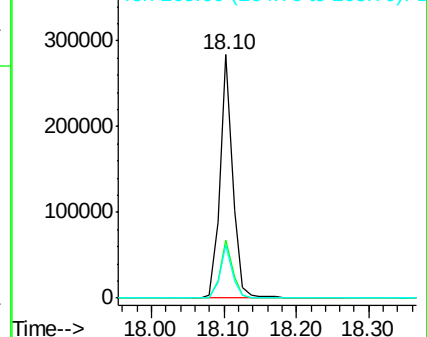
265 21.5 18.3 27.5

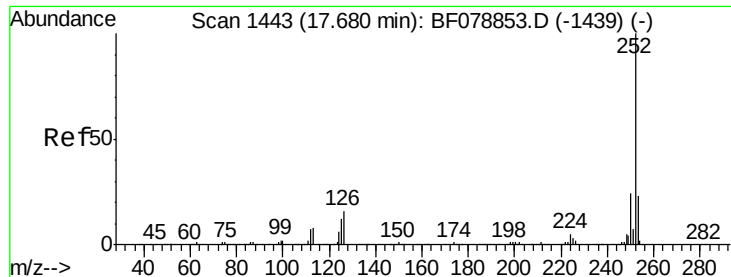


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.09 ng

RT: 17.63 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

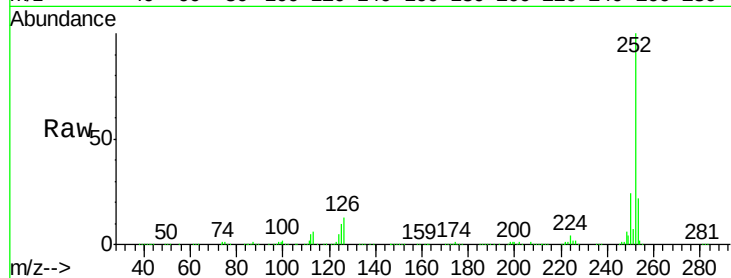
Tot Ion:252 Resp: 700340

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

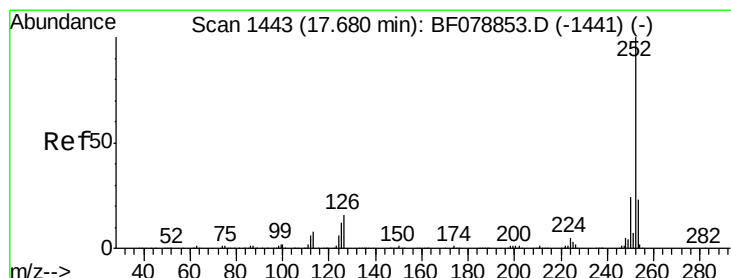
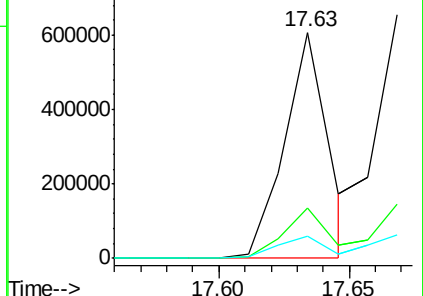
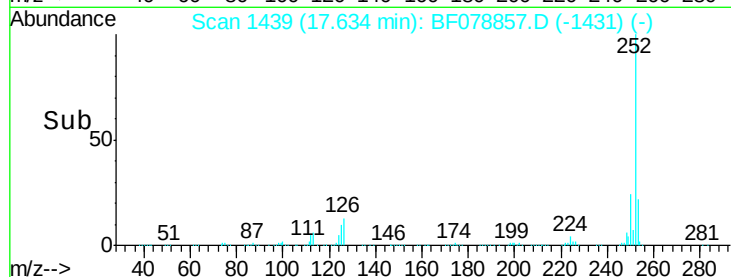
125 9.6 9.5 14.3



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: 32.60 ng

RT: 17.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

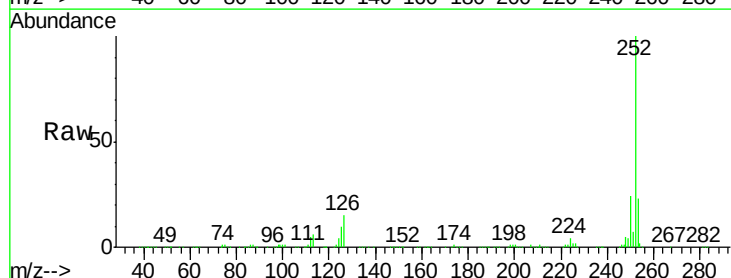
Tgt Ion:252 Resp: 595923

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

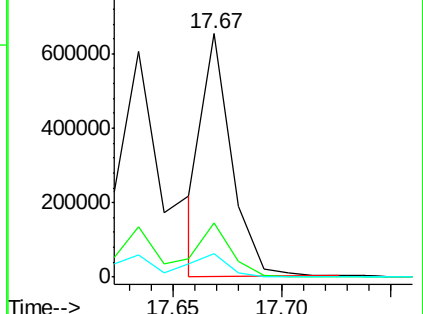
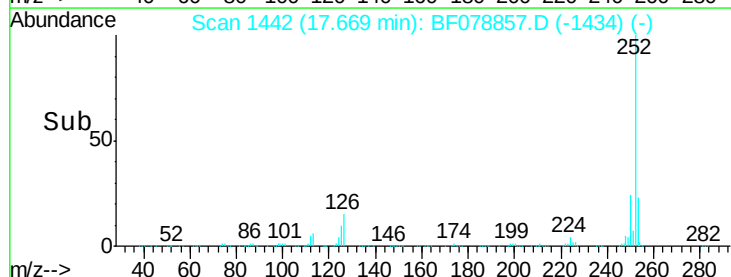
125 9.9 10.0 15.0#

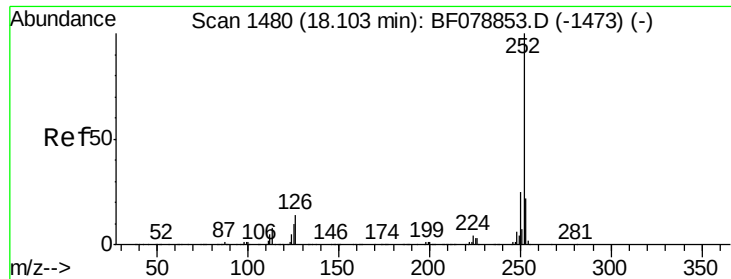


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

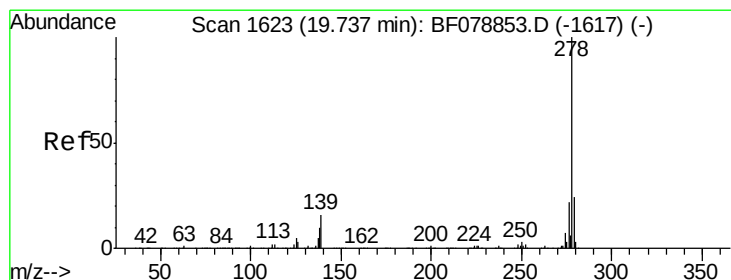
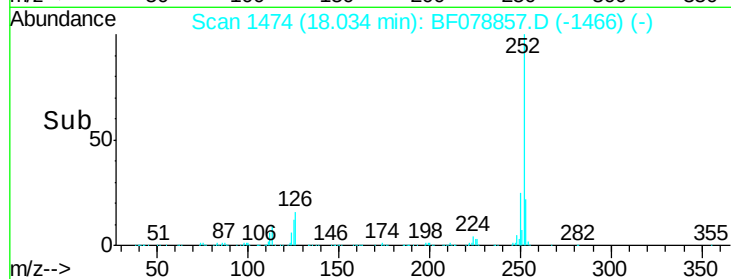
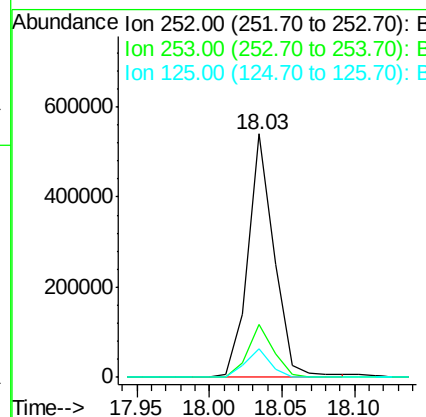
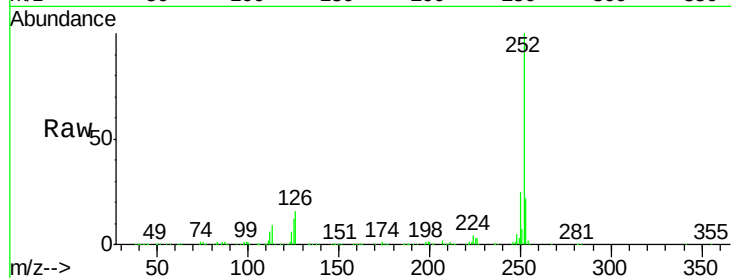




#89
Benzo(a)pyrene
Concen: 38.88 ng
RT: 18.03 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

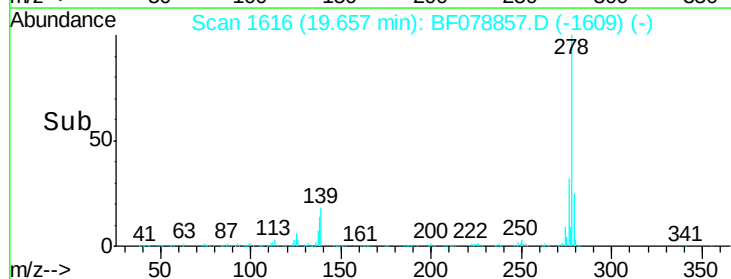
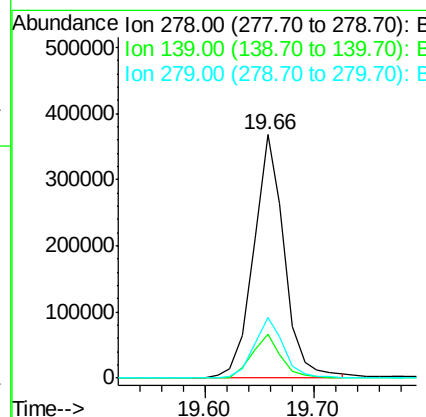
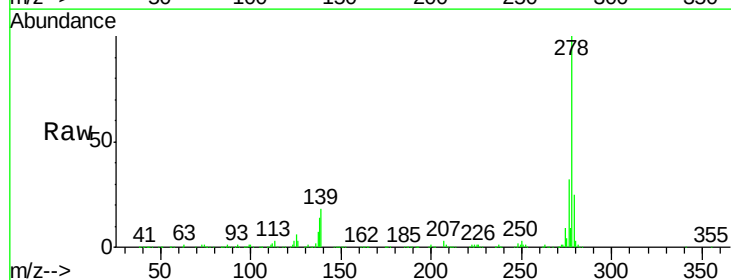
Instrument :
BNA_F
ClientSampleId :

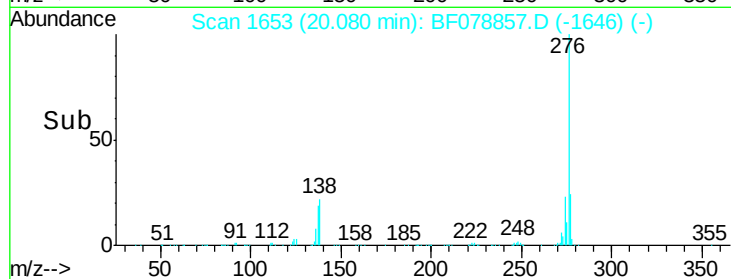
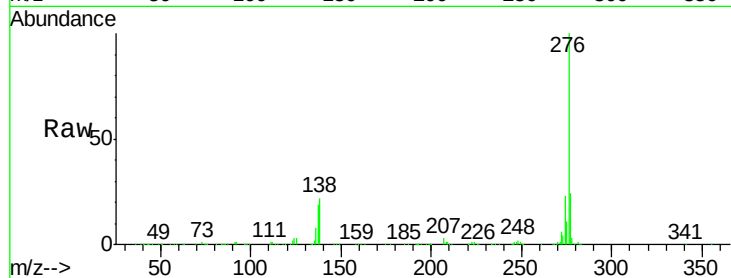
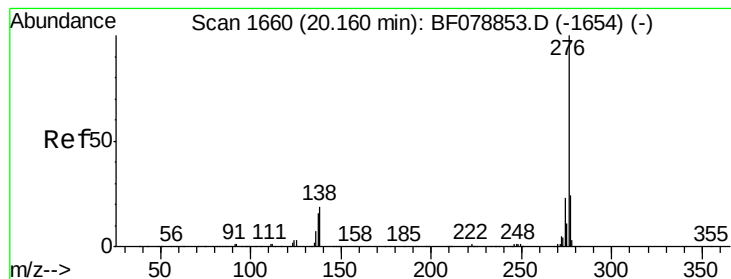
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.8	7.0	10.6



#90
Dibenzo(a,h)anthracene
Concen: 39.02 ng
RT: 19.66 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF078857.D
Acq: 30 Apr 2015 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.6	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 38.57 ng

RT: 20.08 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF078857.D

Acq: 30 Apr 2015 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 714145

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 22.2 17.4 26.0

