

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
 Data File : BF077232.D
 Acq On : 9 Feb 2015 19:32
 Operator : TP/IZ
 Sample : PB81636BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Quant Time: Feb 10 01:25:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 01:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	30146	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	128832	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	62746	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	111895	20.00	ng	0.00
75) Chrysene-d12	21.01	240	108994	20.00	ng	0.00
86) Perylene-d12	22.64	264	98580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.60	112	141691	77.28	ng	0.00
7) Phenol-d6	7.01	99	182414	78.86	ng	0.00
23) Nitrobenzene-d5	8.90	82	167789	72.15	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	41744	81.96	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	344345	83.52	ng	0.00
78) Terphenyl-d14	19.76	244	357962	75.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.07	88	18114	23.07	ng	# 88
3) Pyridine	1.50	79	49097	24.17	ng	98
4) n-Nitrosodimethylamine	1.46	42	32617	32.41	ng	89
6) Aniline	6.89	93	42838	13.38	ng	96
8) 2-Chlorophenol	7.13	128	63077	29.84	ng	97
10) Phenol	7.04	94	66696	27.16	ng	91
11) bis(2-Chloroethyl)ether	7.14	93	58267	30.32	ng	# 85
12) 1,3-Dichlorobenzene	7.44	146	67908	28.24	ng	98
13) 1,4-Dichlorobenzene	7.63	146	70496	27.64	ng	97
14) 1,2-Dichlorobenzene	7.94	146	66789	28.42	ng	99
15) Benzyl Alcohol	8.05	79	54165	28.94	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.40	45	78490	30.38	ng	91
17) 2-Methylphenol	8.41	107	49006	28.37	ng	97
18) Hexachloroethane	8.68	117	25921	29.22	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	46714	28.85	ng	99
20) 3+4-Methylphenols	8.80	107	56472	24.69	ng	95
22) Acetophenone	8.59	105	90491	28.68	ng	97
24) Nitrobenzene	8.94	77	65549	27.67	ng	98
25) Isophorone	9.55	82	120782	28.52	ng	94
26) 2-Nitrophenol	9.69	139	29458	25.16	ng	# 85
27) 2,4-Dimethylphenol	9.97	122	53605	29.26	ng	91
28) bis(2-Chloroethoxy)methane	10.18	93	75703	31.45	ng	98
29) 2,4-Dichlorophenol	10.30	162	44286	25.94	ng	95
30) 1,2,4-Trichlorobenzene	10.42	180	54988	29.00	ng	96
31) Naphthalene	10.54	128	188825	28.47	ng	100
32) Benzoic acid	10.38	122	8160m	8.04	ng	
33) 4-Chloroaniline	10.82	127	37907	14.14	ng	98
34) Hexachlorobutadiene	10.91	225	33147	29.46	ng	99
35) Caprolactam	11.65	113	10878	21.64	ng	# 85
36) 4-Chloro-3-methylphenol	12.12	107	52699	26.96	ng	99
37) 2-Methylnaphthalene	12.20	142	133725	29.52	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	51730	33.35	ng	97
40) Hexachlorocyclopentadiene	12.59	237	48558	59.40	ng	97
42) 2,4,6-Trichlorophenol	12.97	196	33129	29.31	ng	97

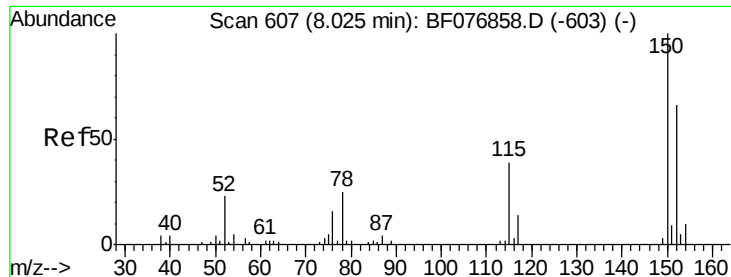
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	26428	22.92	ng	# 94
45) 1,1'-Biphenyl	13.36	154	155430	33.41	ng	99
46) 2-Chloronaphthalene	13.32	162	125024	32.66	ng	97
47) 2-Nitroaniline	13.69	65	38586	33.23	ng	88
48) Acenaphthylene	14.27	152	199895	30.96	ng	99
49) Dimethylphthalate	14.24	163	149177	33.52	ng	98
50) 2,6-Dinitrotoluene	14.33	165	31204	35.10	ng	# 87
51) Acenaphthene	14.69	154	111045	30.31	ng	96
52) 3-Nitroaniline	14.68	138	21488	19.62	ng	# 88
53) 2,4-Dinitrophenol	14.98	184	15704	43.86	ng	# 88
54) Dibenzofuran	15.12	168	175376	32.86	ng	98
55) 4-Nitrophenol	15.31	139	31647	45.37	ng	96
56) 2,4-Dinitrotoluene	15.27	165	41936	32.19	ng	89
57) Fluorene	15.89	166	145245	32.13	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	23386	27.86	ng	# 96
59) Diethylphthalate	15.91	149	158645	35.28	ng	99
60) 4-Chlorophenyl-phenylether	16.00	204	62695	33.89	ng	88
61) 4-Nitroaniline	16.05	138	28832	26.39	ng	95
62) Azobenzene	16.28	77	161591	34.49	ng	94
64) 4,6-Dinitro-2-methylphenol	16.13	198	16911	25.20	ng	82
65) n-Nitrosodiphenylamine	16.25	169	123373	30.92	ng	98
66) 4-Bromophenyl-phenylether	16.87	248	35530	31.34	ng	96
67) Hexachlorobenzene	16.88	284	36912	30.90	ng	# 93
68) Atrazine	17.25	200	40169	33.18	ng	97
69) Pentachlorophenol	17.27	266	23351	45.84	ng	93
70) Phenanthrene	17.54	178	205619	29.47	ng	98
71) Anthracene	17.62	178	211227	31.04	ng	97
72) Carbazole	17.91	167	197726	29.96	ng	98
73) Di-n-butylphthalate	18.51	149	251777	32.96	ng	98
74) Fluoranthene	19.20	202	218562	30.57	ng	97
76) Benzidine	19.45	184	81136	23.26	ng	98
77) Pyrene	19.47	202	222898	29.84	ng	99
79) Butylbenzylphthalate	20.42	149	111577	32.98	ng	96
80) Benzo(a)anthracene	21.00	228	201963	29.53	ng	99
81) 3,3'-Dichlorobenzidine	21.01	252	39662	18.25	ng	99
82) Chrysene	21.05	228	184613	29.60	ng	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	163261	34.88	ng	96
84) Di-n-octyl phthalate	21.92	149	286722	35.29	ng	99
85) Indeno(1,2,3-cd)pyrene	23.70	276	192463	29.12	ng	# 83
87) Benzo(b)fluoranthene	22.24	252	181988m	27.41	ng	
88) Benzo(k)fluoranthene	22.27	252	190804m	32.89	ng	
89) Benzo(a)pyrene	22.58	252	172970	29.53	ng	98
90) Dibenzo(a,h)anthracene	23.72	278	160752	29.91	ng	# 93
91) Benzo(g,h,i)perylene	23.96	276	164445	30.78	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

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PB81636BS

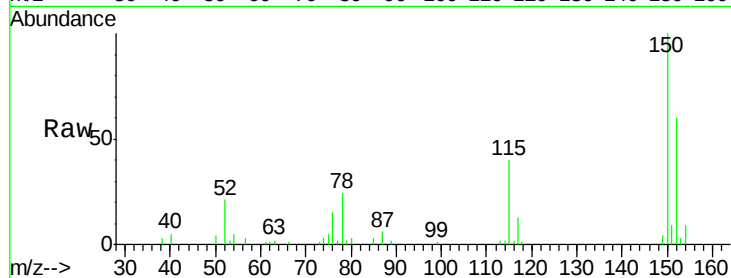
Tgt Ion:152 Resp: 30146

Ion Ratio Lower Upper

152 100

150 165.5 121.7 182.5

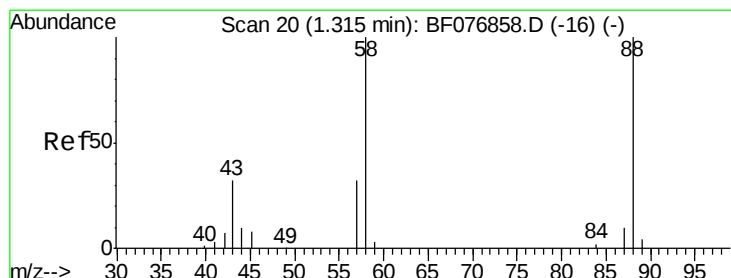
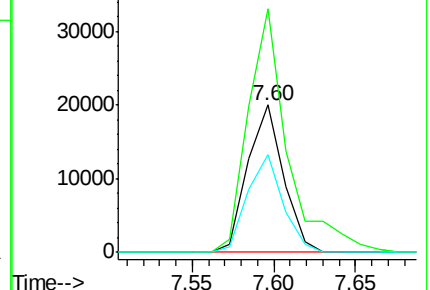
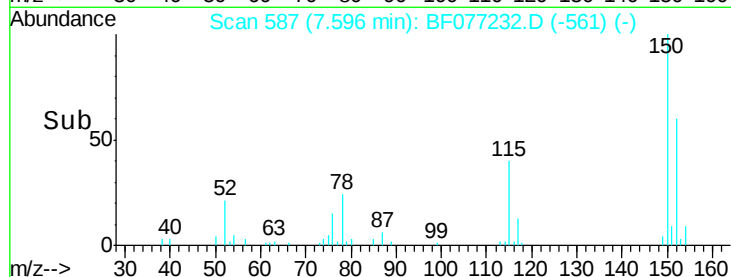
115 66.6 47.0 70.6



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: 23.07 ng

RT: 1.07 min Scan# 16

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

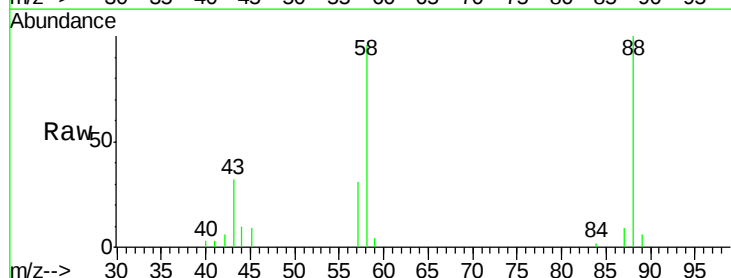
Tgt Ion: 88 Resp: 18114

Ion Ratio Lower Upper

88 100

58 97.6 77.0 115.4

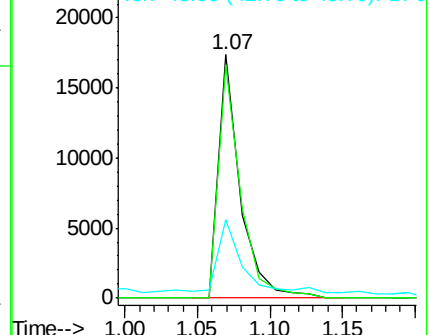
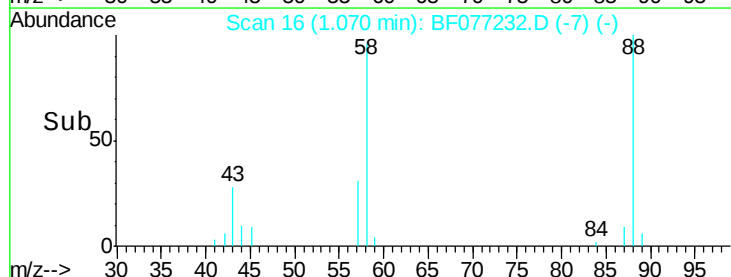
43 56.1 25.6 38.4#

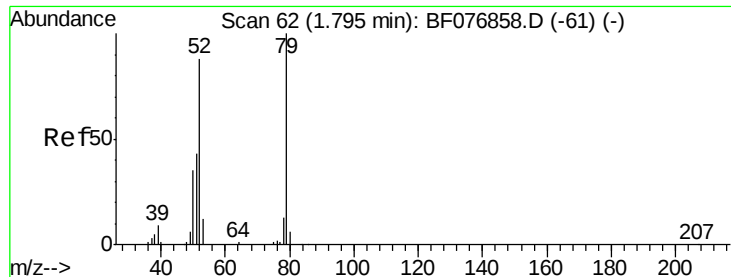


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.17 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

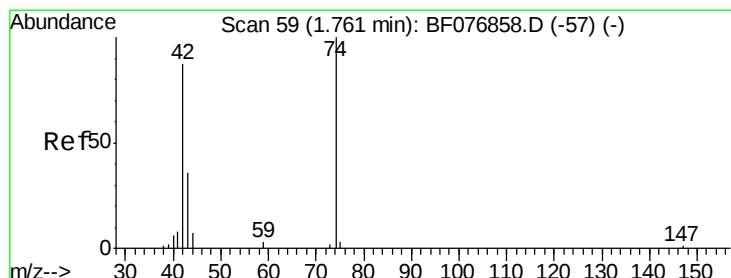
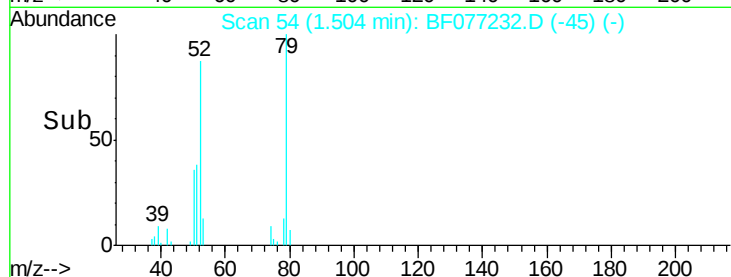
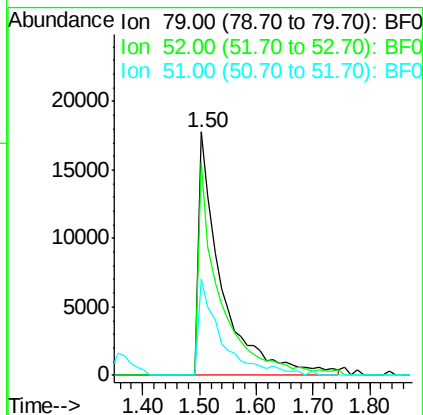
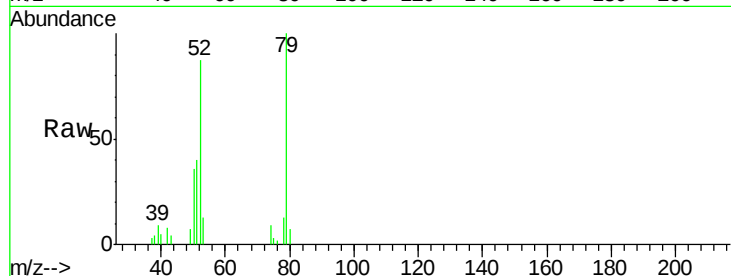
Tgt Ion: 79 Resp: 49097

Ion Ratio Lower Upper

79 100

52 87.4 70.1 105.1

51 39.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 32.41 ng

RT: 1.46 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

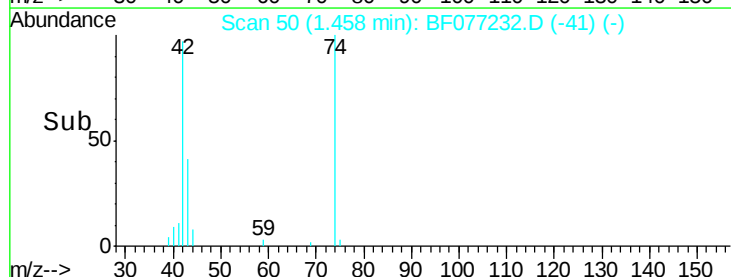
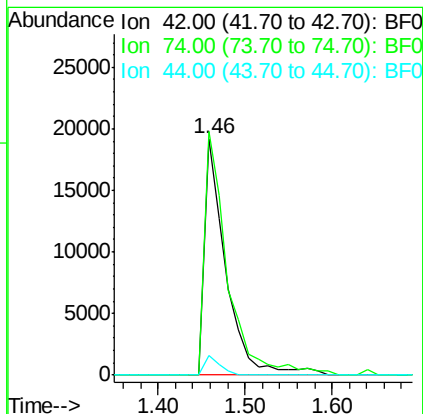
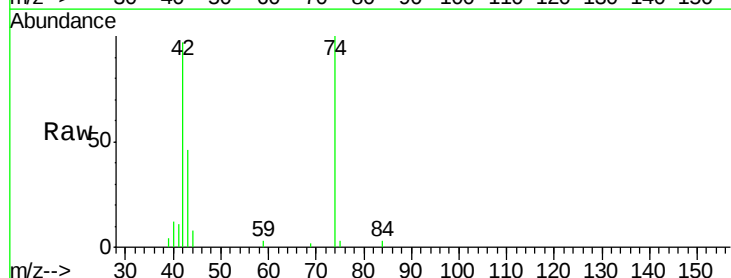
Tgt Ion: 42 Resp: 32617

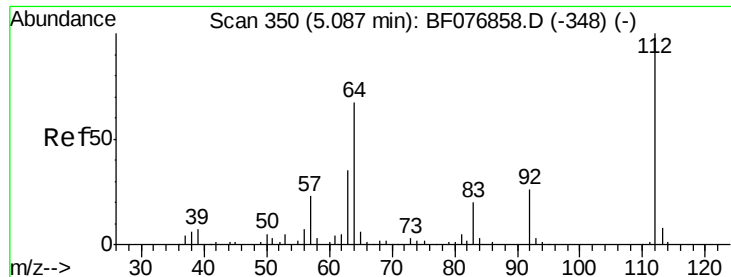
Ion Ratio Lower Upper

42 100

74 102.9 92.4 138.6

44 8.1 6.2 9.2





#5

2-Fluorophenol

Concen: 77.28 ng

RT: 4.60 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

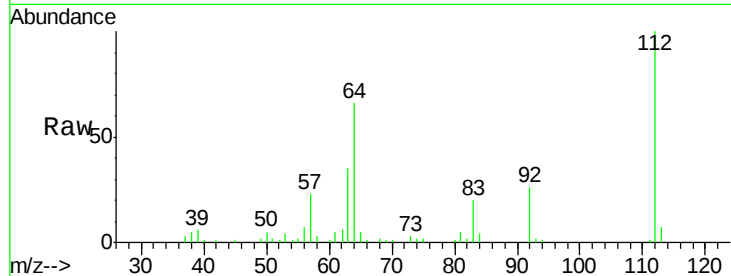
Instrument :

BNA_F

ClientSampleId :

PB81636BS

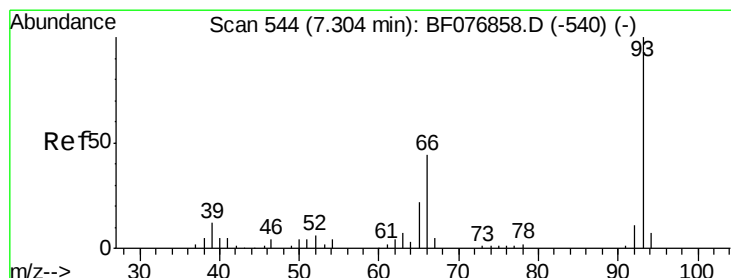
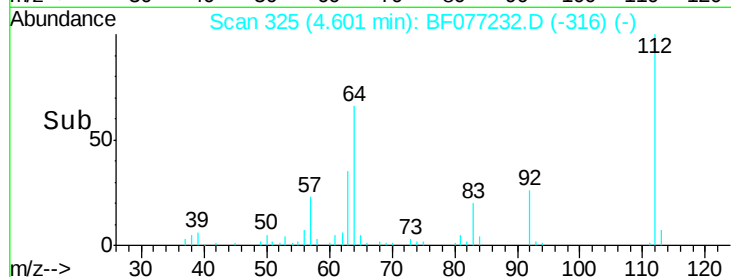
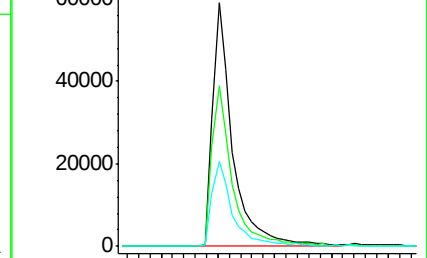
Tgt Ion:	112	Resp:	141691
Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.2	81.4
63	34.8	28.4	42.6



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: 13.38 ng

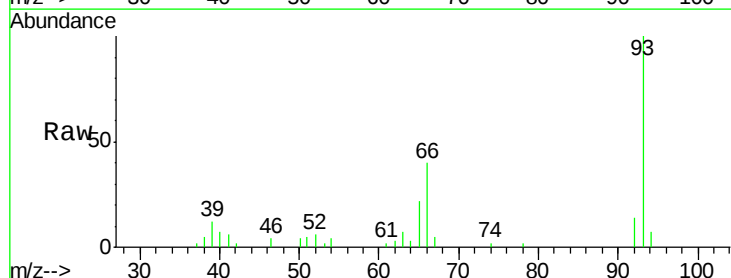
RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

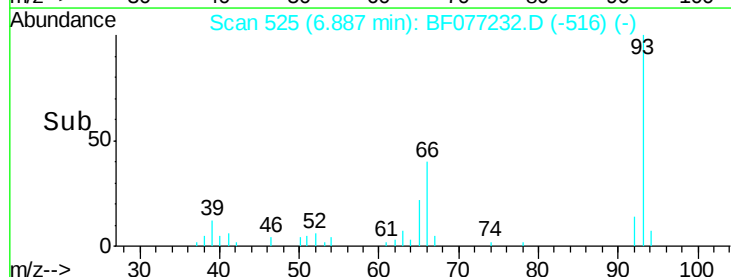
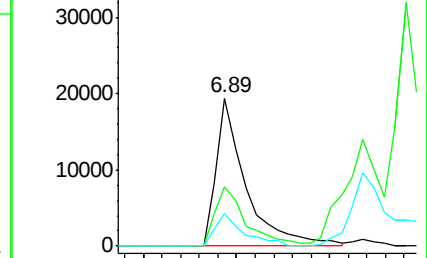
Tgt Ion:	93	Resp:	42838
Ion	Ratio	Lower	Upper
93	100		
66	40.3	35.0	52.4
65	22.0	17.7	26.5

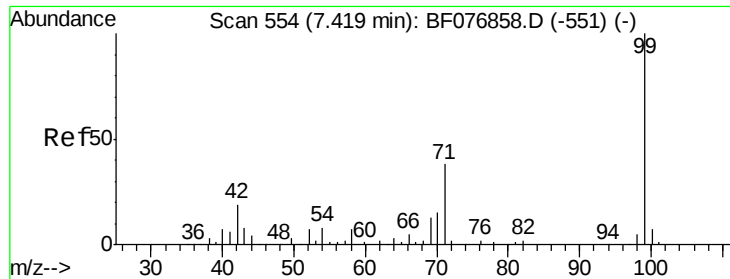


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.86 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

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ClientSampleId :

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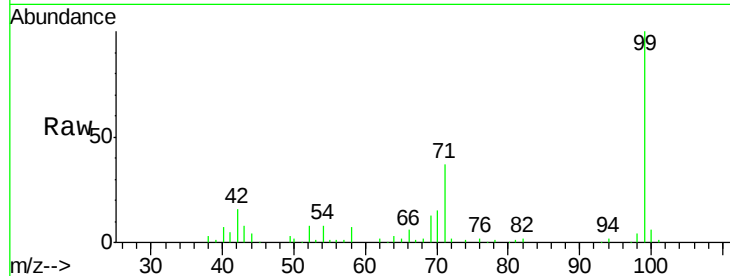
Tgt Ion: 99 Resp: 182414

Ion Ratio Lower Upper

99 100

42 16.3 15.0 22.4

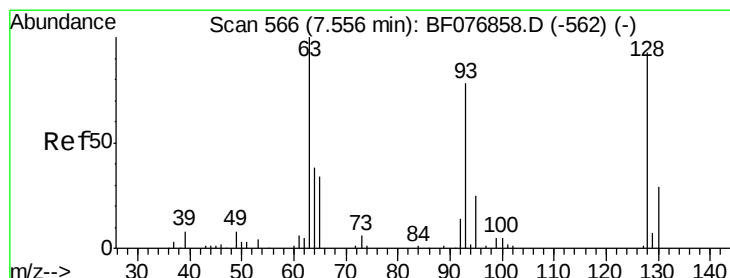
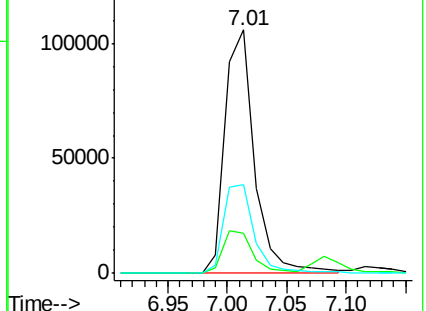
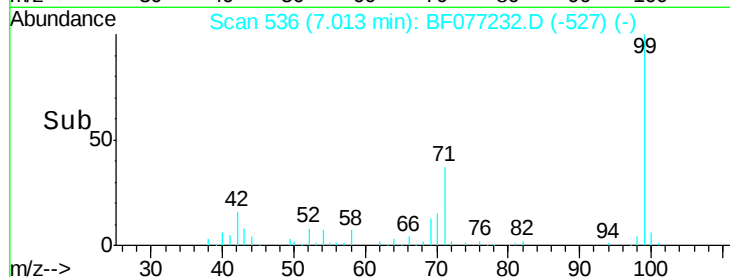
71 36.6 30.5 45.7



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: 29.84 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

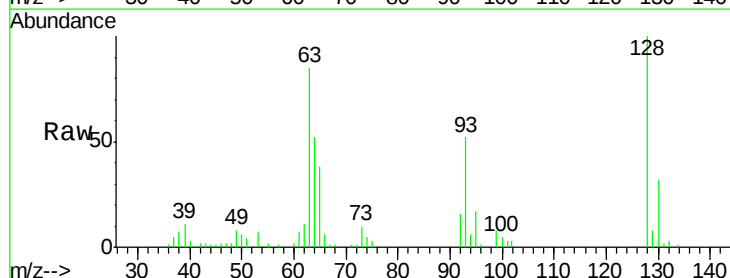
Tgt Ion: 128 Resp: 63077

Ion Ratio Lower Upper

128 100

130 32.0 11.0 51.0

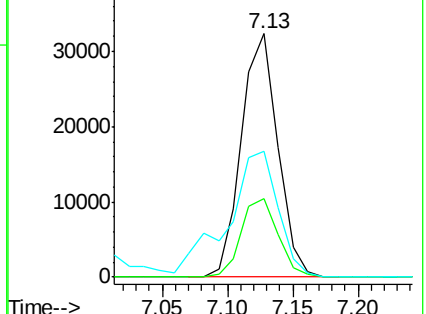
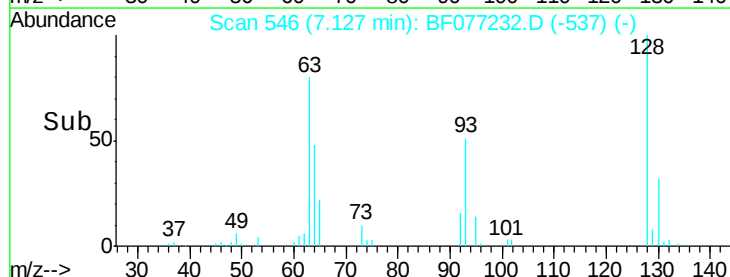
64 51.8 29.3 69.3

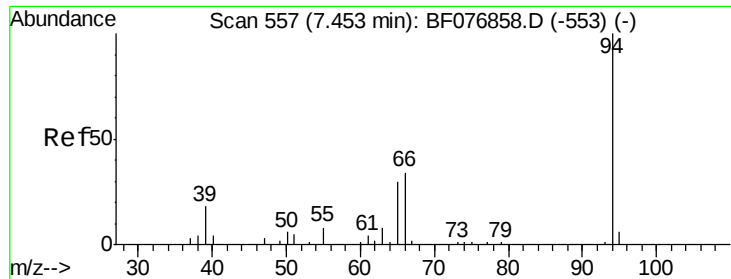


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 27.16 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampled :

PB81636BS

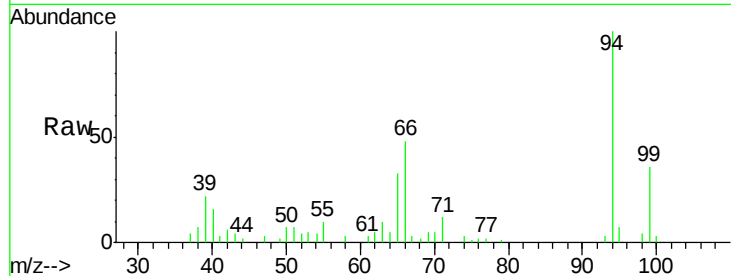
Tgt Ion: 94 Resp: 66696

Ion Ratio Lower Upper

94 100

65 33.2 11.3 51.3

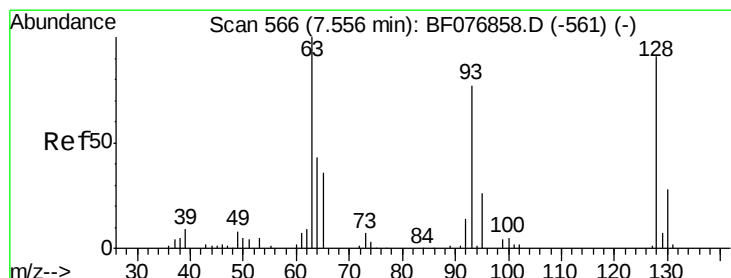
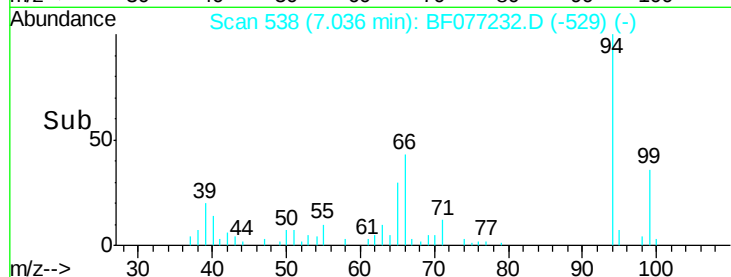
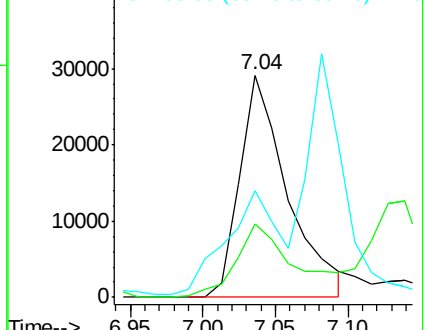
66 47.7 19.5 59.5



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: 30.32 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

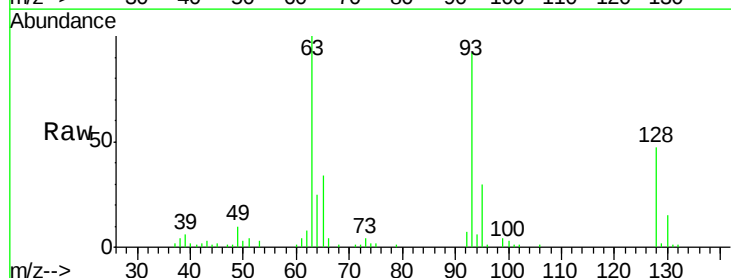
Tgt Ion: 93 Resp: 58267

Ion Ratio Lower Upper

93 100

63 109.0 111.3 151.3#

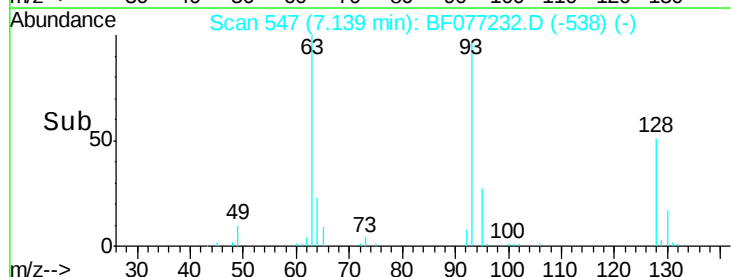
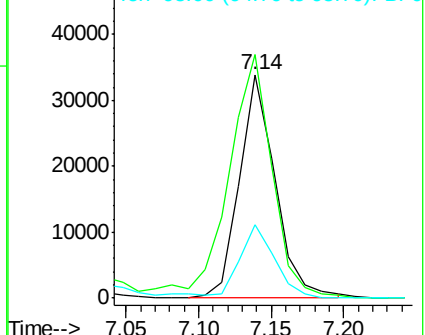
95 33.1 13.8 53.8

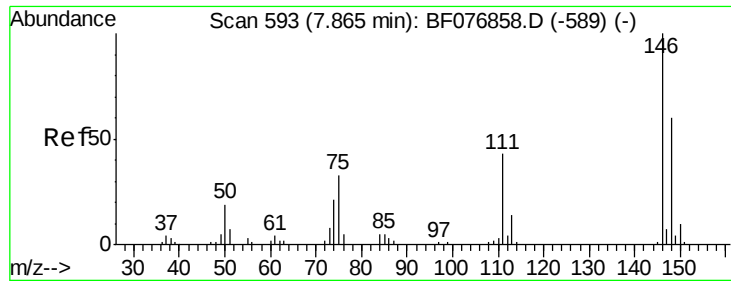


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

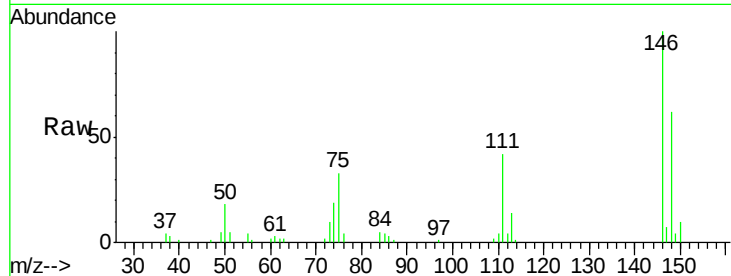




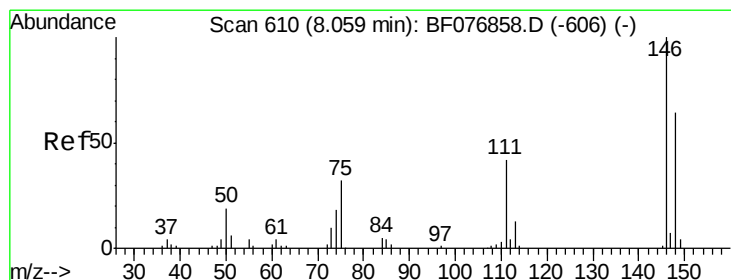
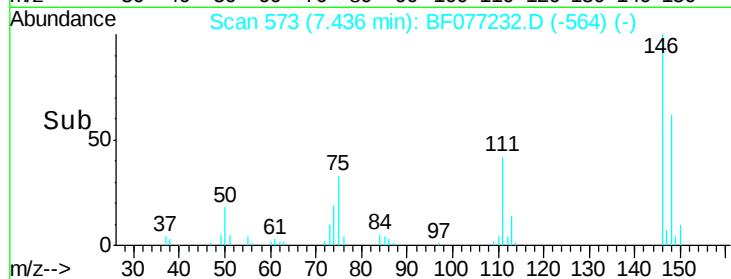
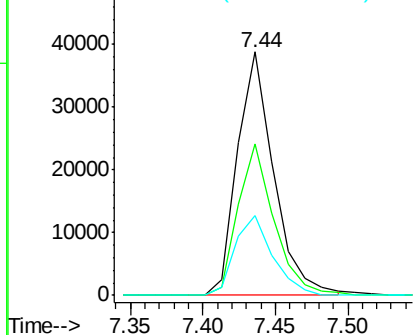
#12
 1,3-Dichlorobenzene
 Concen: 28.24 ng
 RT: 7.44 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion:146 Resp: 67908
 Ion Ratio Lower Upper
 146 100
 148 62.4 48.1 72.1
 75 32.9 26.8 40.2

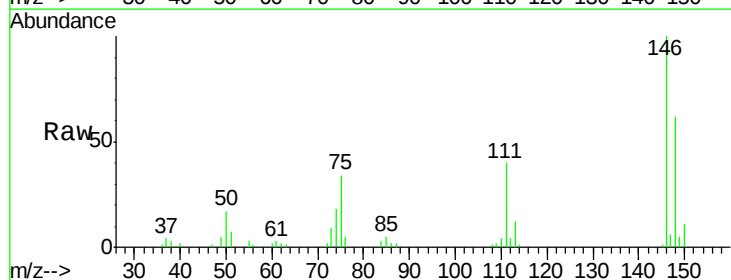


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

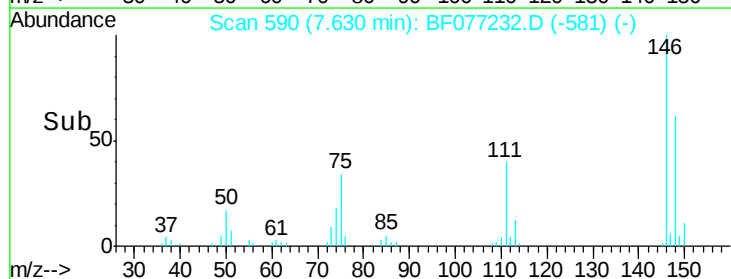
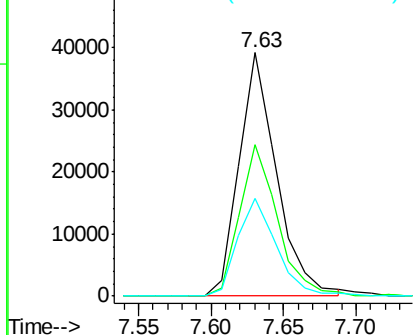


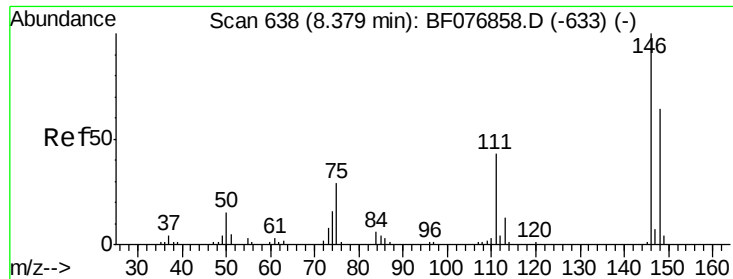
#13
 1,4-Dichlorobenzene
 Concen: 27.64 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:146 Resp: 70496
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.5 77.3
 111 40.2 33.9 50.9



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





#14

1,2-Dichlorobenzene

Concen: 28.42 ng

RT: 7.94 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

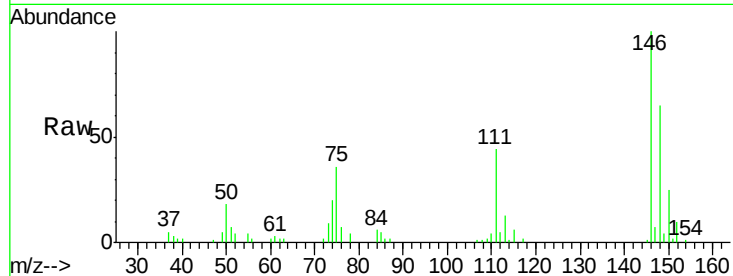
Tgt Ion:146 Resp: 66789

Ion Ratio Lower Upper

146 100

148 65.2 51.3 76.9

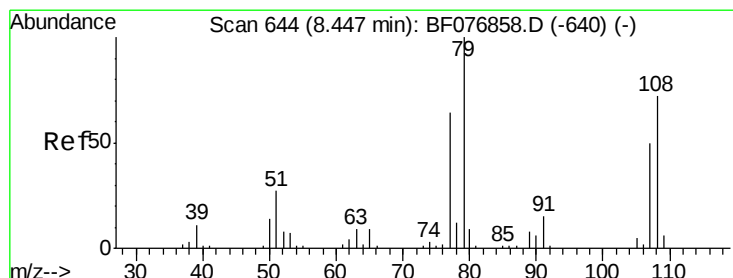
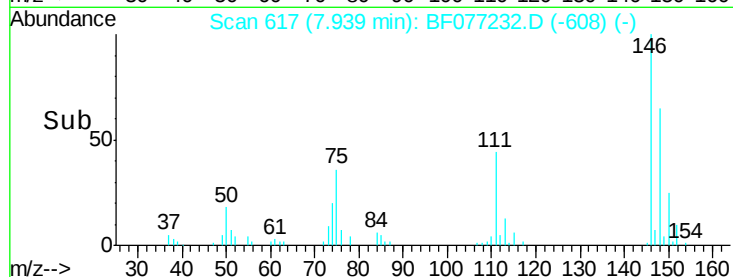
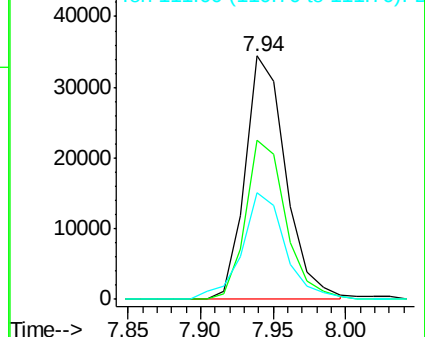
111 43.8 34.5 51.7



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: 28.94 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

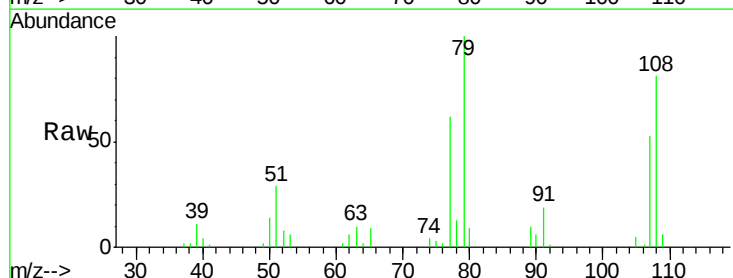
Tgt Ion: 79 Resp: 54165

Ion Ratio Lower Upper

79 100

108 81.0 57.2 85.8

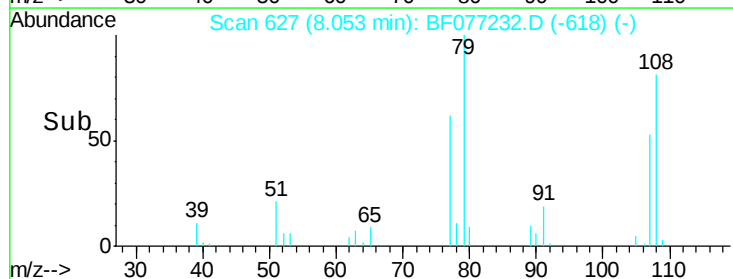
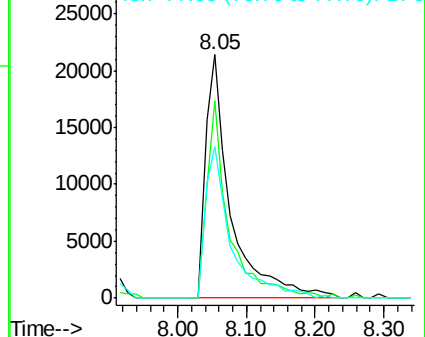
77 62.4 51.2 76.8

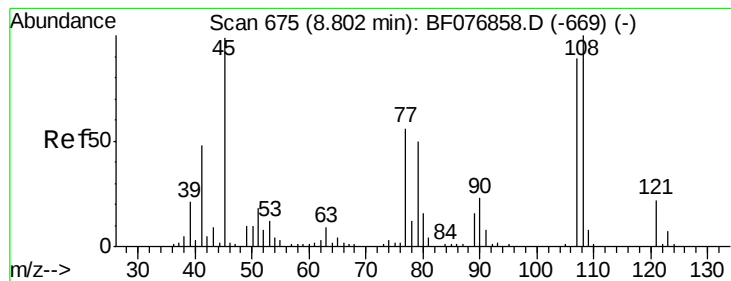


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

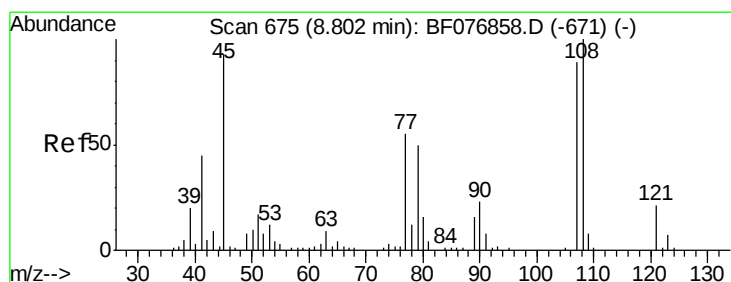
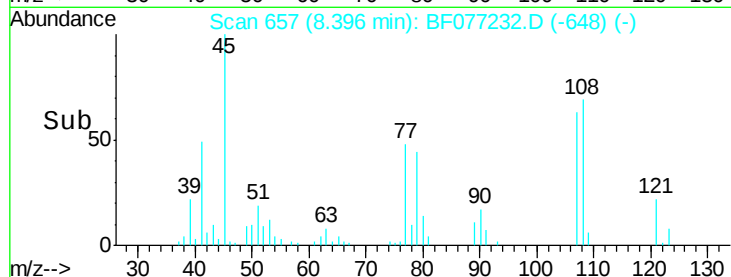
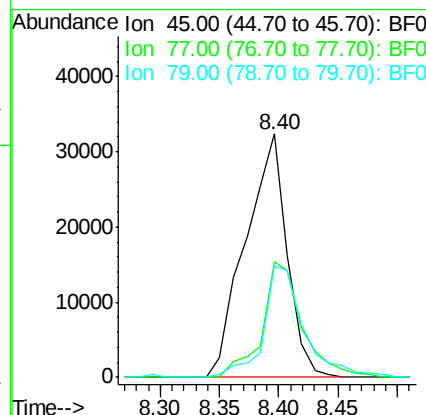
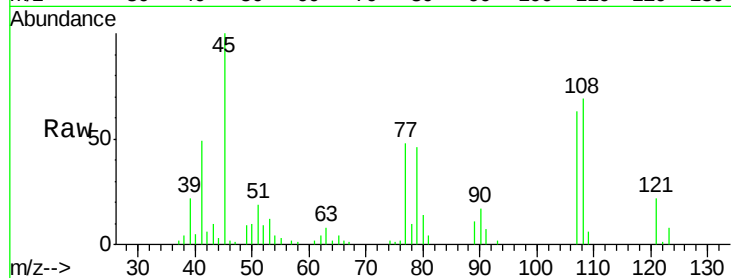




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 30.38 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

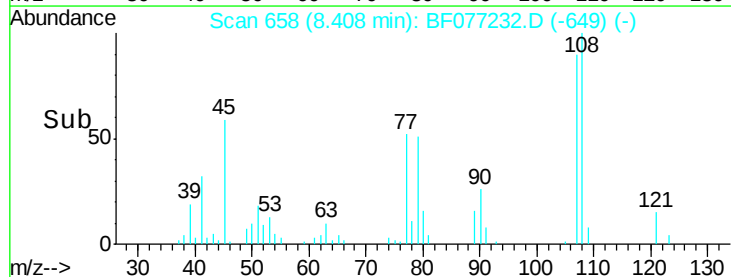
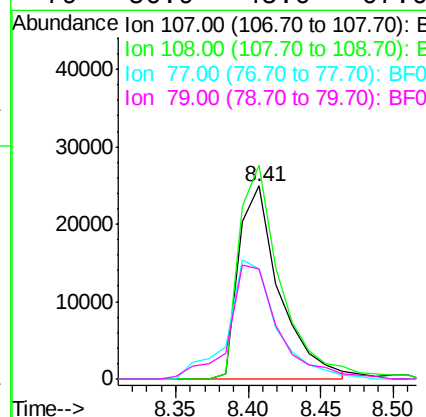
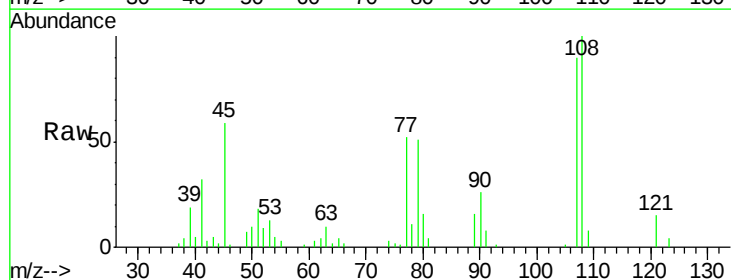
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

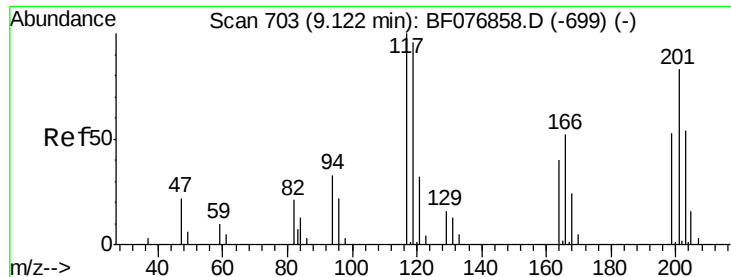
Tgt Ion: 45 Resp: 78490
 Ion Ratio Lower Upper
 45 100
 77 47.5 36.1 76.1
 79 45.7 30.5 70.5



#17
 2-Methylphenol
 Concen: 28.37 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion: 107 Resp: 49006
 Ion Ratio Lower Upper
 107 100
 108 110.7 89.7 134.5
 77 57.2 50.1 75.1
 79 56.9 45.0 67.6

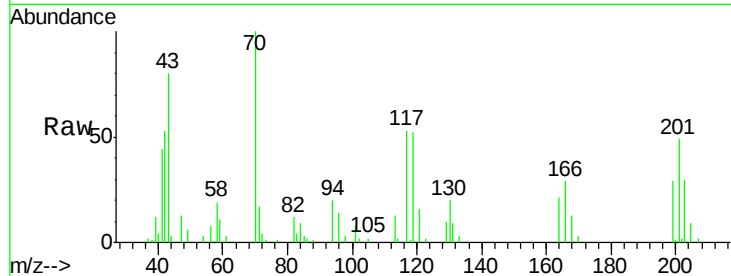




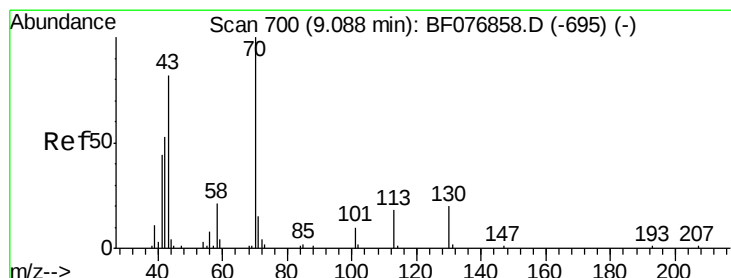
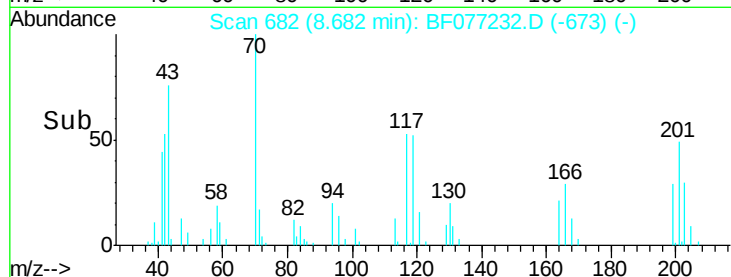
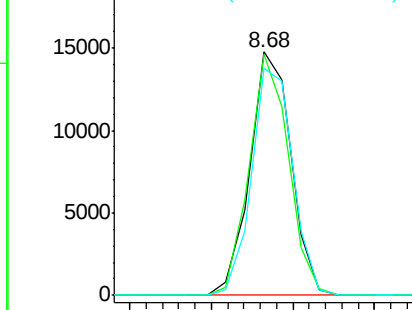
#18
Hexachloroethane
Concen: 29.22 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion: 117 Resp: 25921
Ion Ratio Lower Upper
117 100
119 98.9 77.1 115.7
201 93.0 66.8 100.2



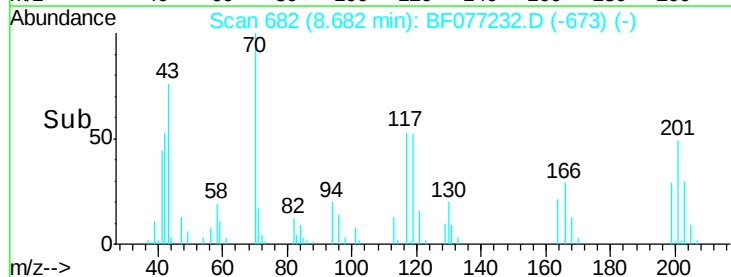
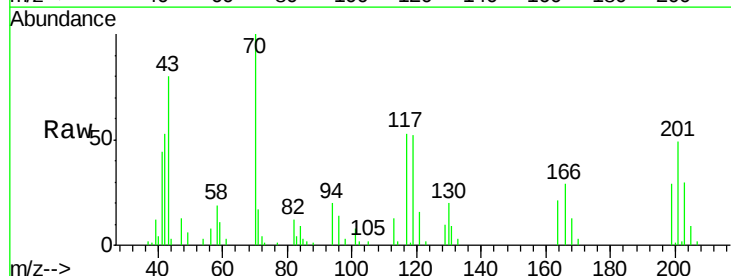
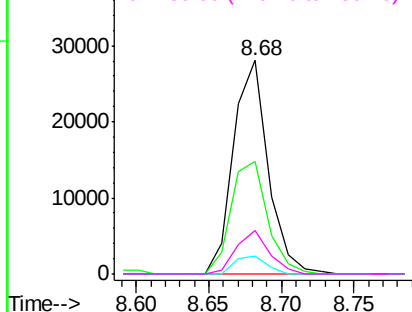
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

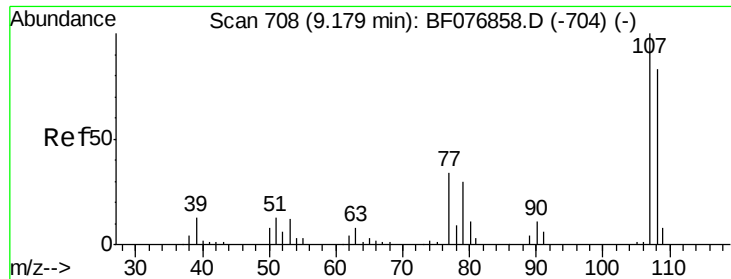


#19
n-Nitroso-di-n-propylamine
Concen: 28.85 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion: 70 Resp: 46714
Ion Ratio Lower Upper
70 100
42 52.8 42.1 63.1
101 8.5 7.8 11.8
130 20.2 16.2 24.4

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

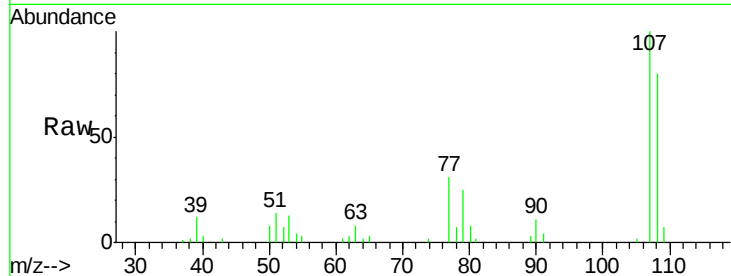




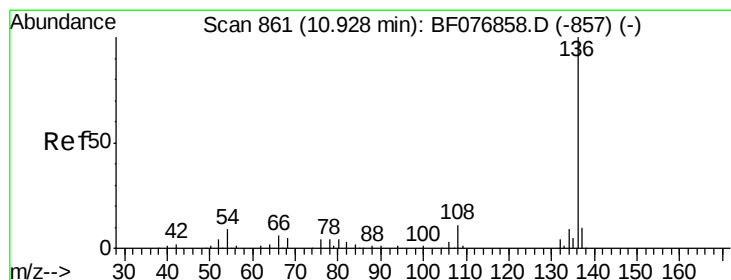
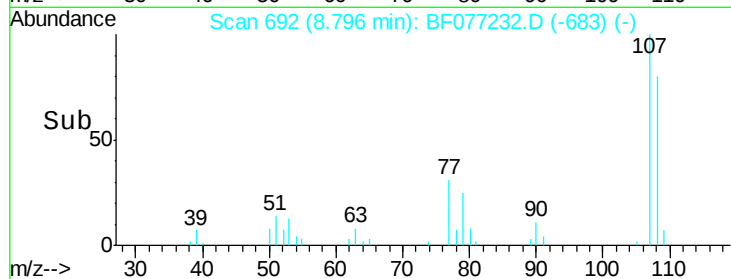
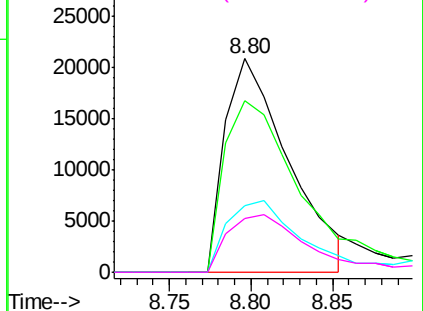
#20
3+4-Methylphenols
Concen: 24.69 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:	107	Resp:	56472
Ion	Ratio	Lower	Upper
107	100		
108	80.1	63.5	103.5
77	31.1	14.0	54.0
79	25.2	9.9	49.9

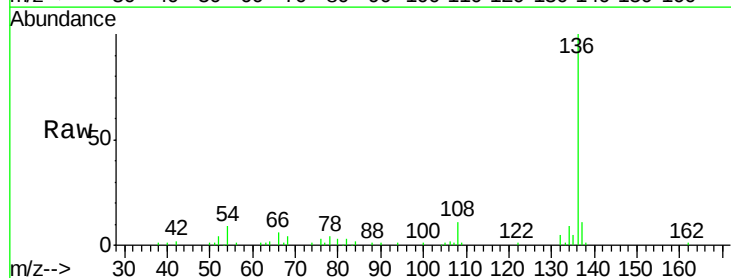


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

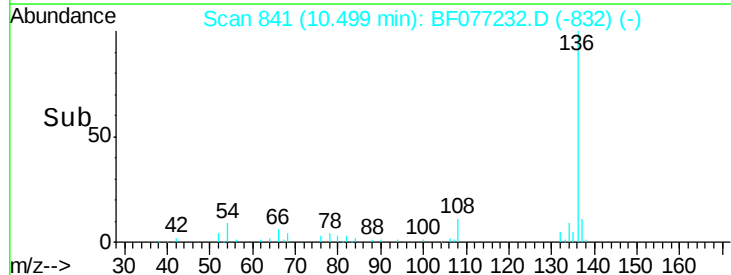
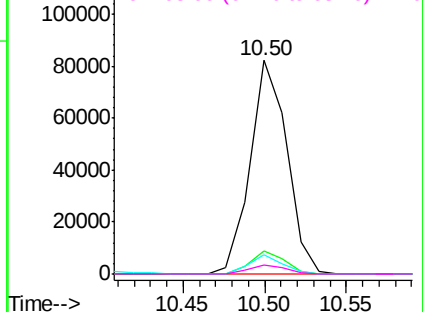


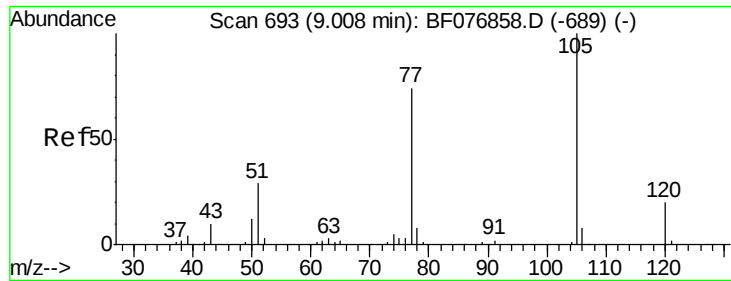
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:	136	Resp:	128832
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	8.8	7.0	10.4
68	4.3	3.7	5.5



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

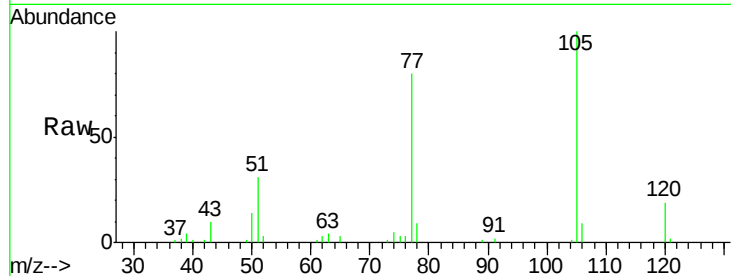




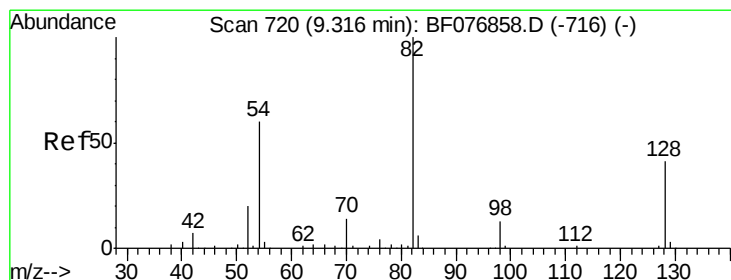
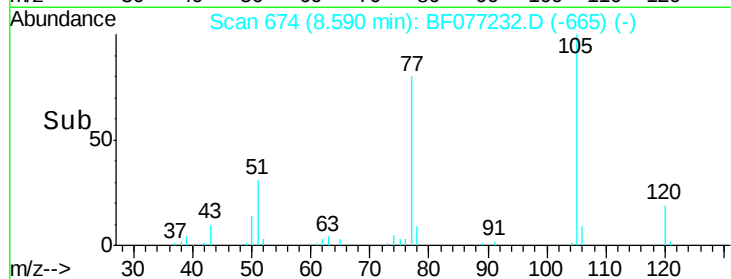
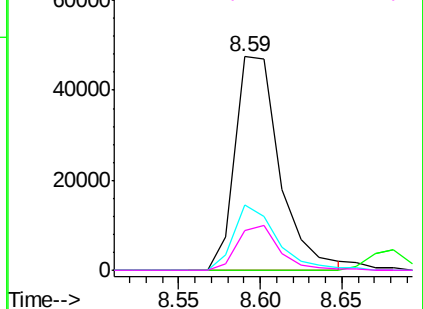
#22
Acetophenone
Concen: 28.68 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion: 105 Resp: 90491
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 30.9 23.3 34.9
120 18.5 16.1 24.1

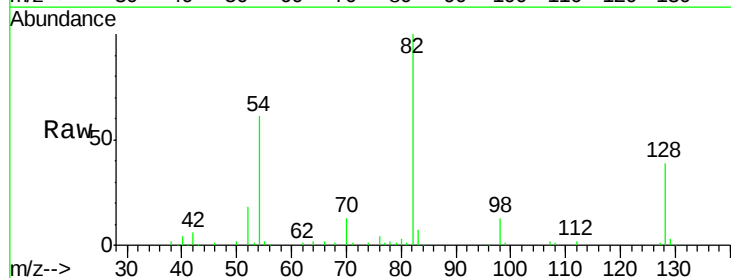


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

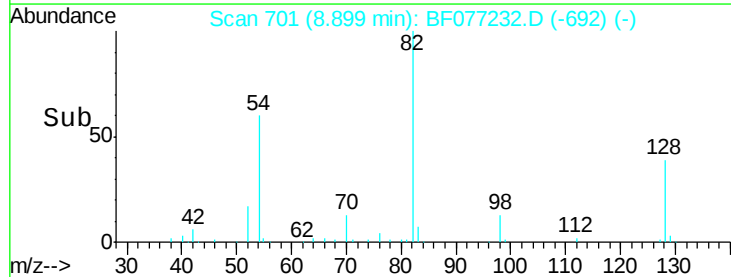
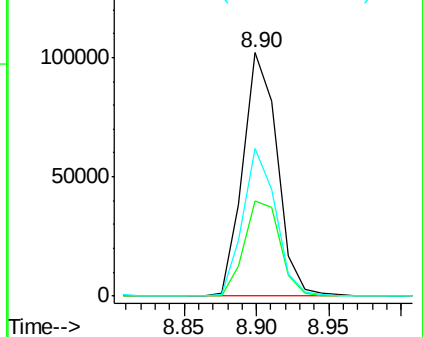


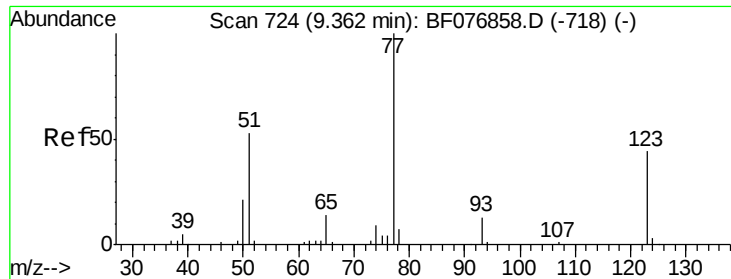
#23
Nitrobenzene-d5
Concen: 72.15 ng
RT: 8.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion: 82 Resp: 167789
Ion Ratio Lower Upper
82 100
128 39.0 33.1 49.7
54 60.7 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 27.67 ng

RT: 8.94 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

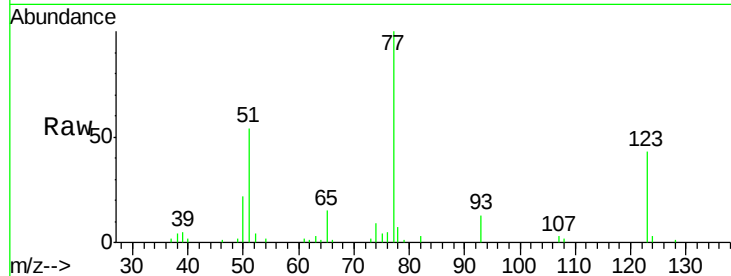
Tgt Ion: 77 Resp: 65549

Ion Ratio Lower Upper

77 100

123 42.7 35.2 52.8

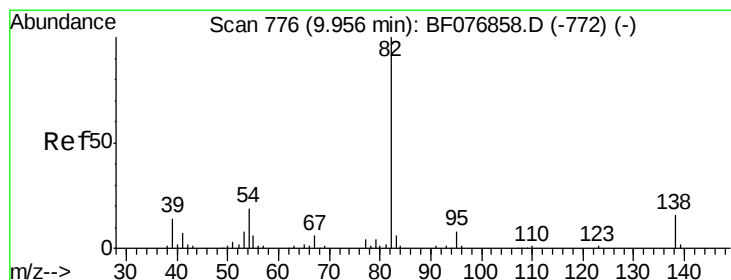
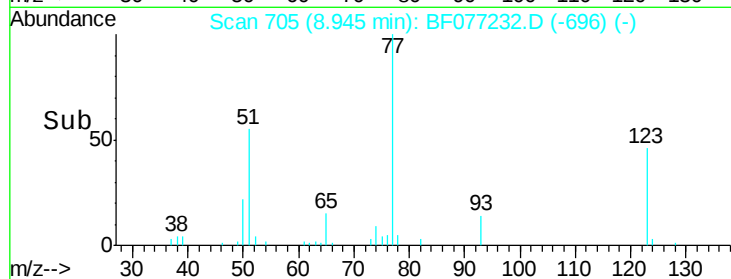
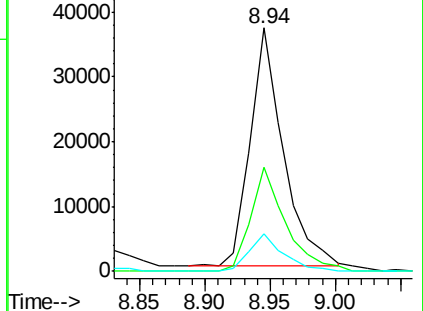
65 15.4 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 28.52 ng

RT: 9.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

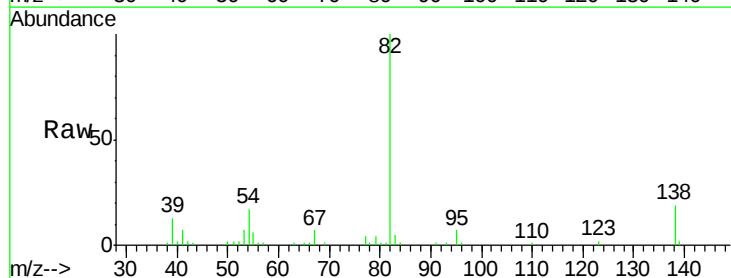
Tgt Ion: 82 Resp: 120782

Ion Ratio Lower Upper

82 100

95 7.1 6.6 10.0

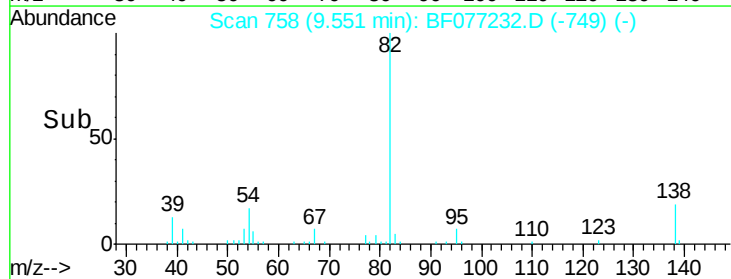
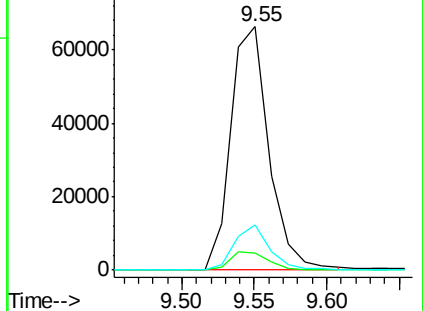
138 18.6 12.6 18.8

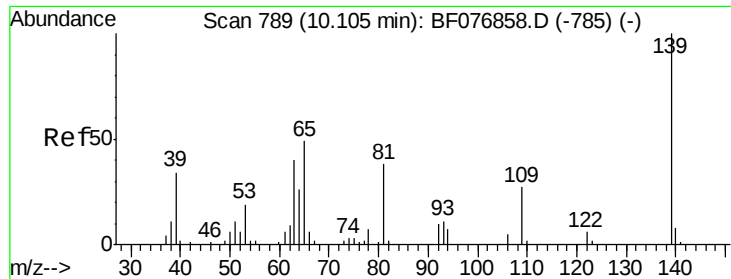


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

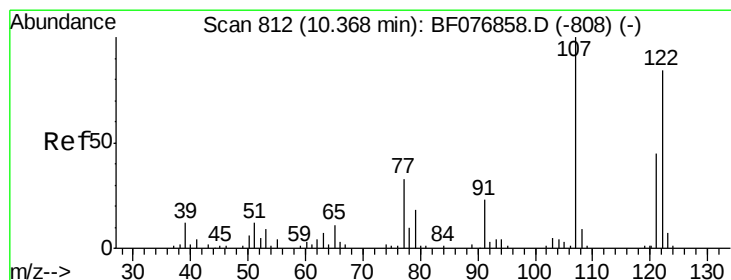
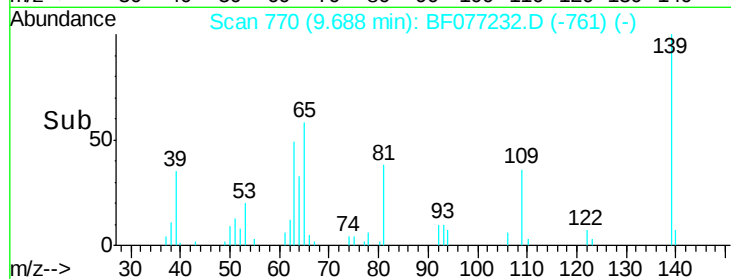
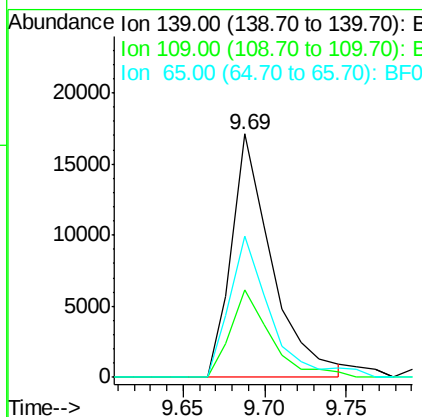
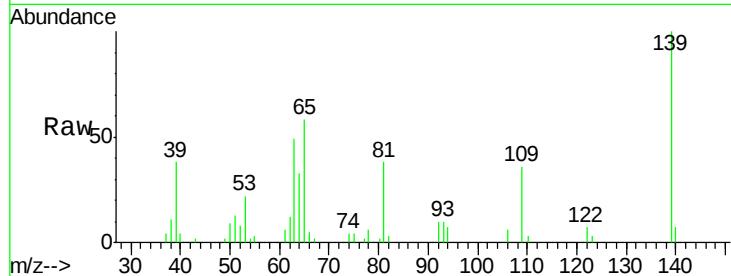




#26
 2-Nitrophenol
 Concen: 25.16 ng
 RT: 9.69 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

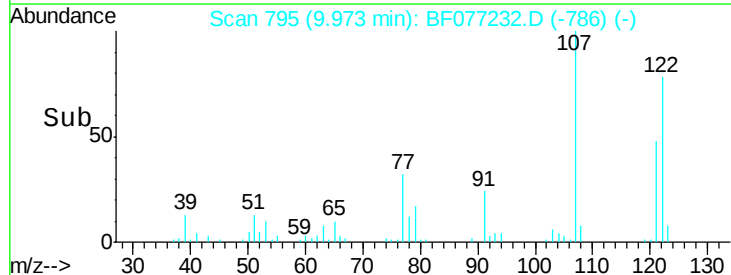
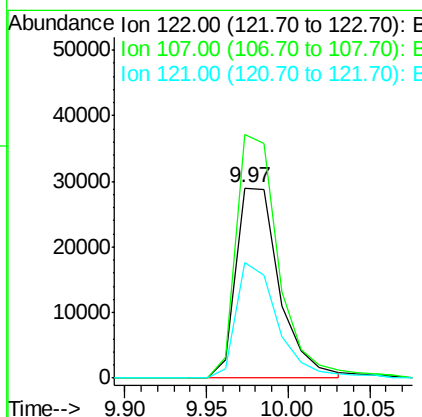
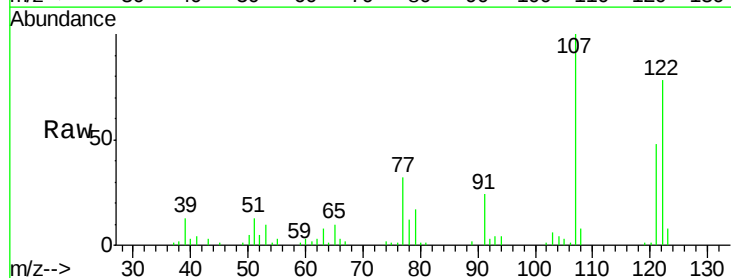
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

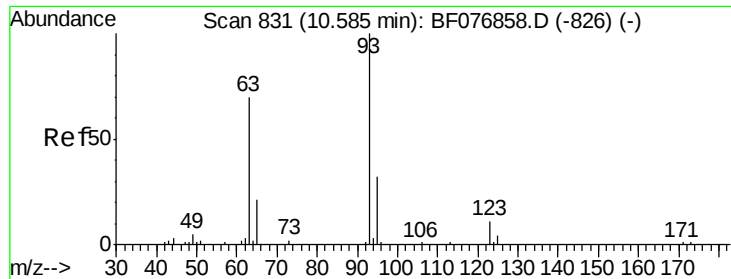
Tgt Ion:139 Resp: 29458
 Ion Ratio Lower Upper
 139 100
 109 35.9 21.3 31.9#
 65 58.1 39.4 59.0



#27
 2,4-Dimethylphenol
 Concen: 29.26 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:122 Resp: 53605
 Ion Ratio Lower Upper
 122 100
 107 128.1 95.2 142.8
 121 60.9 42.9 64.3

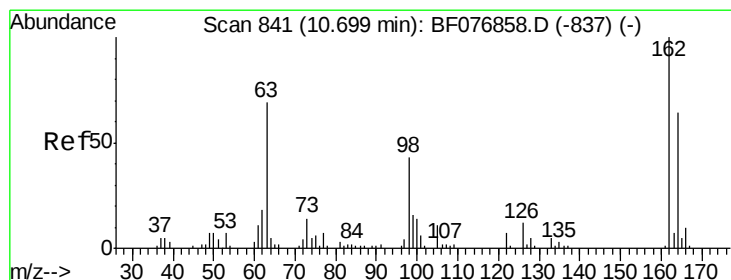
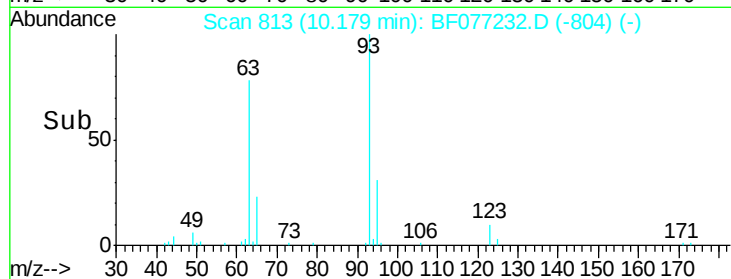
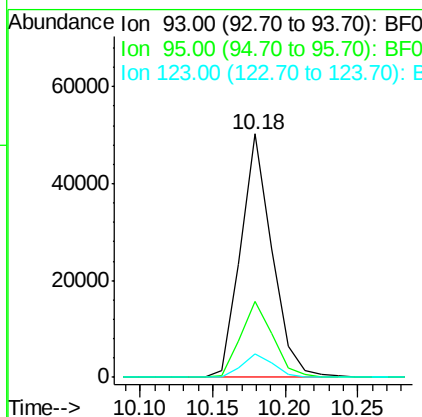
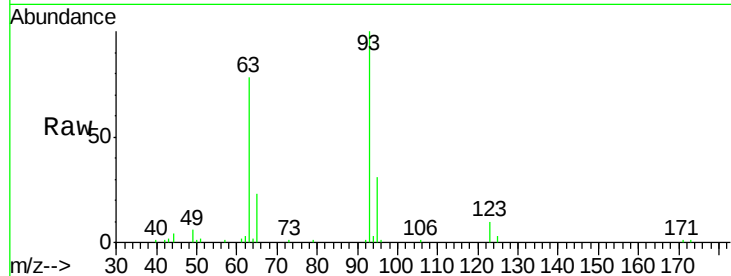




#28
bis(2-Chloroethoxy)methane
Concen: 31.45 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

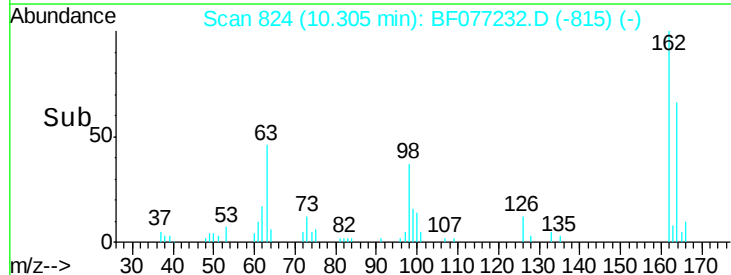
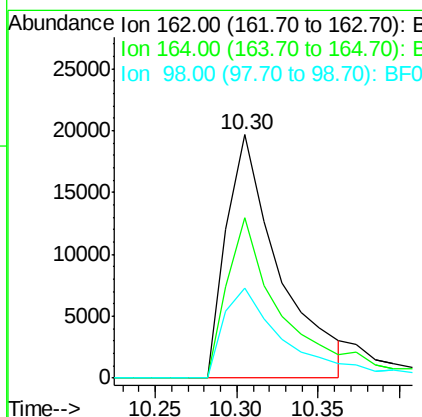
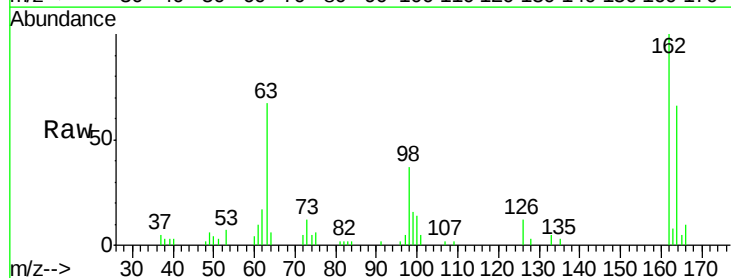
Instrument :
BNA_F
ClientSampleId :
PB81636BS

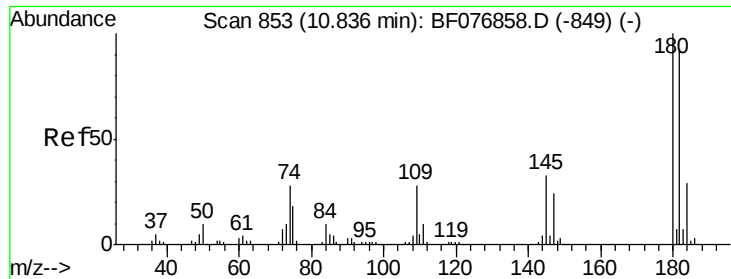
Tgt Ion: 93 Resp: 75703
Ion Ratio Lower Upper
93 100
95 31.0 25.6 38.4
123 9.8 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 25.94 ng
RT: 10.30 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion: 162 Resp: 44286
Ion Ratio Lower Upper
162 100
164 66.1 43.8 83.8
98 37.1 22.5 62.5

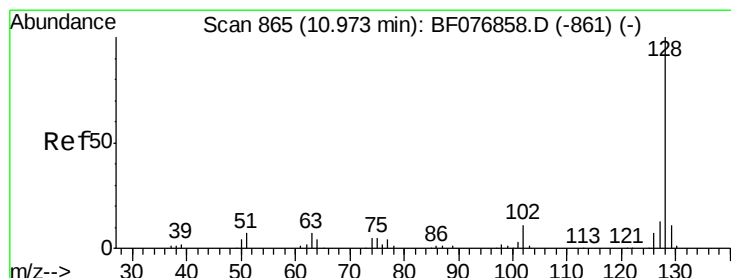
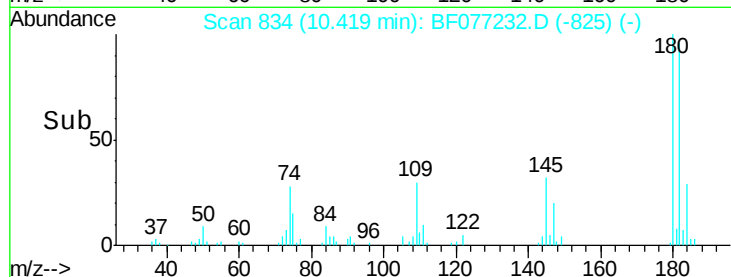
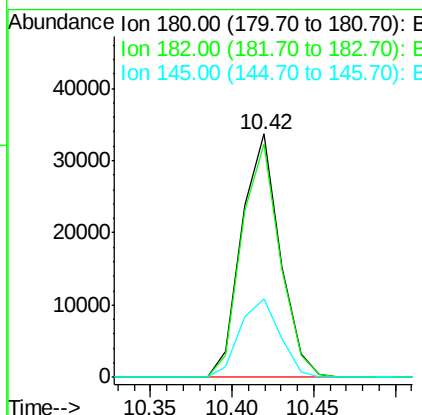
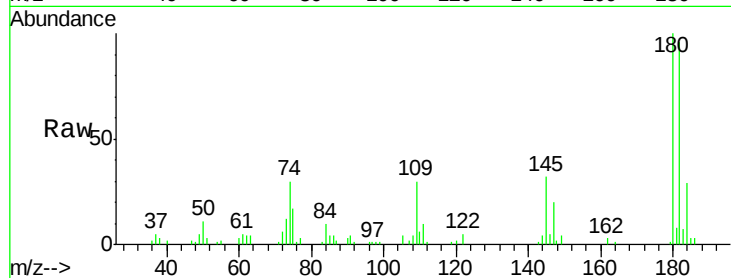




#30
 1,2,4-Trichlorobenzene
 Concen: 29.00 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

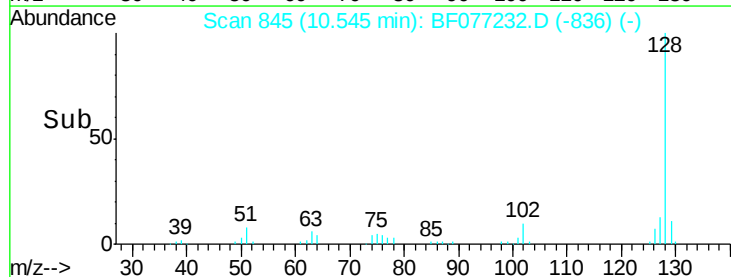
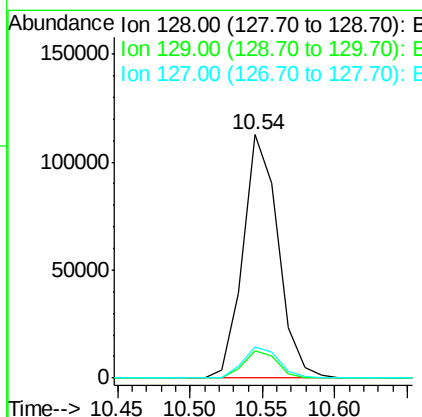
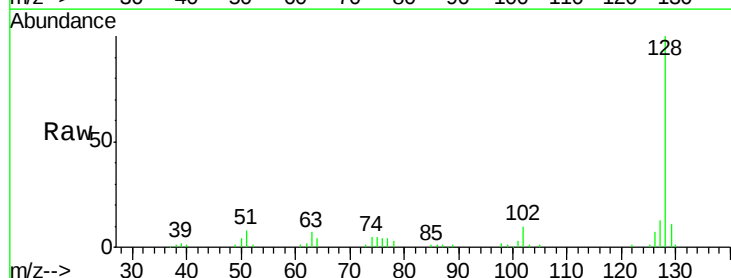
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

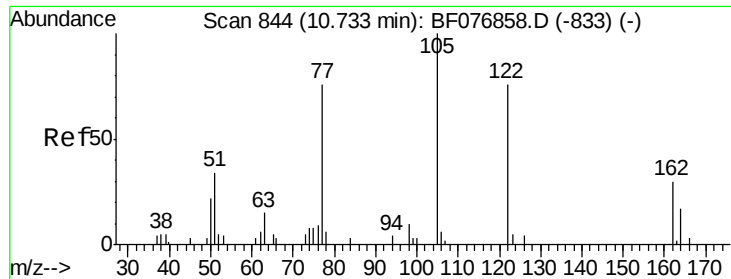
Tgt Ion:180 Resp: 54988
 Ion Ratio Lower Upper
 180 100
 182 96.0 73.6 110.4
 145 32.0 26.6 39.8



#31
 Naphthalene
 Concen: 28.47 ng
 RT: 10.54 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:128 Resp: 188825
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 12.7 10.2 15.2





#32

Benzoic acid

Concen: 8.04 ng m

RT: 10.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

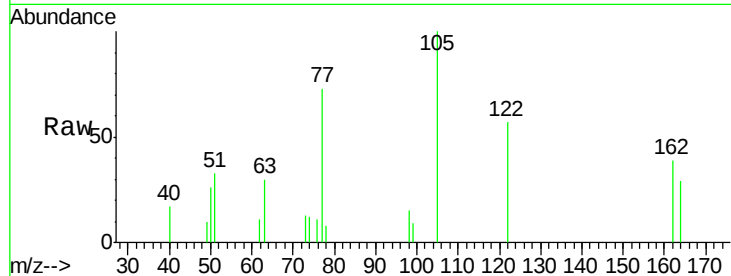
Tgt Ion:122 Resp: 8160

Ion Ratio Lower Upper

122 100

105 175.8 111.3 151.3#

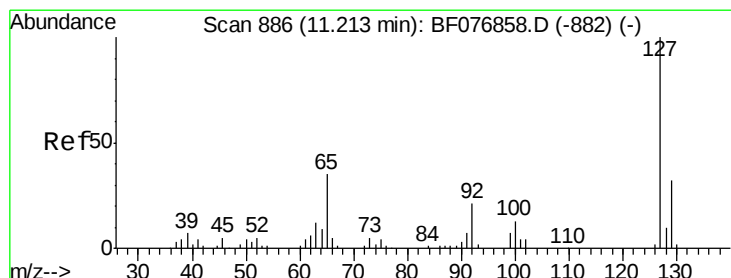
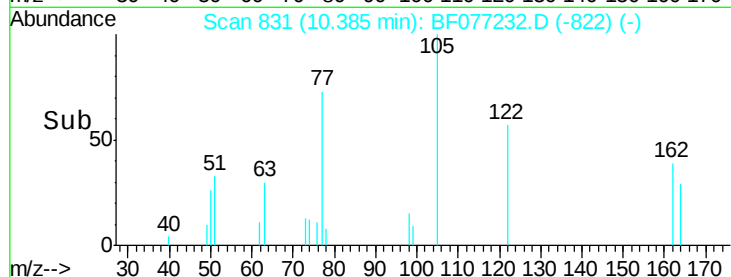
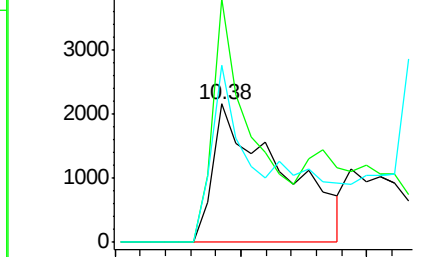
77 128.1 79.2 119.2#



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: 14.14 ng

RT: 10.82 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Tgt Ion:127 Resp: 37907

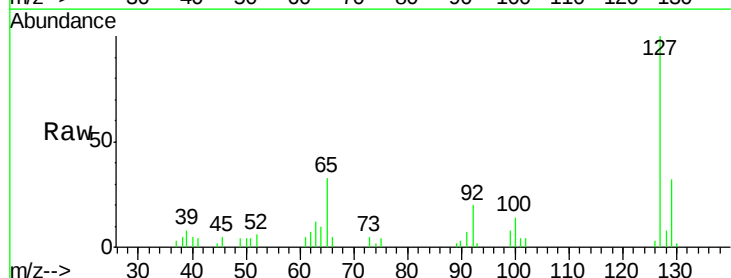
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 33.4 27.8 41.6

92 20.1 16.5 24.7

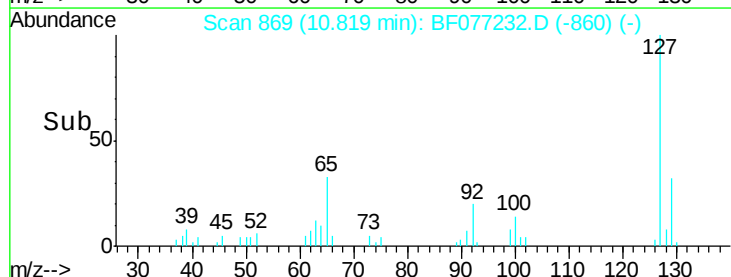
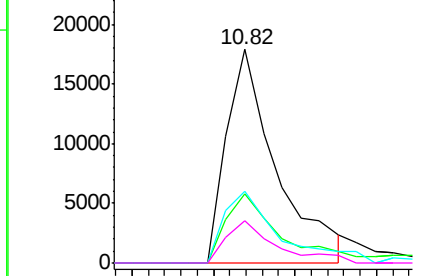


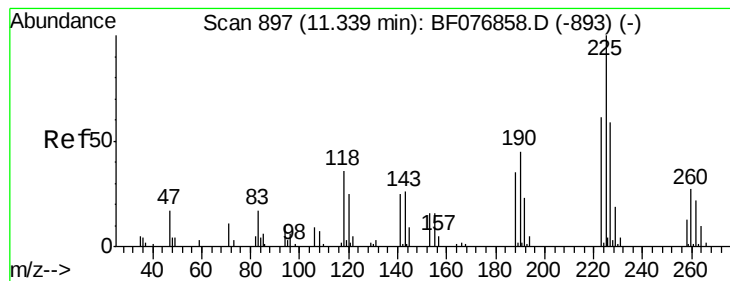
Abundance Ion 127.00 (126.70 to 127.70): E

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: 29.46 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

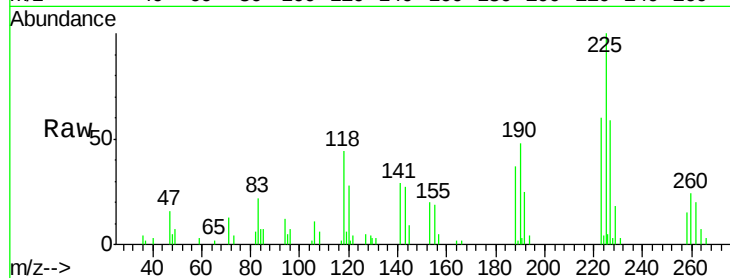
Tgt Ion:225 Resp: 33147

Ion Ratio Lower Upper

225 100

223 60.5 49.1 73.7

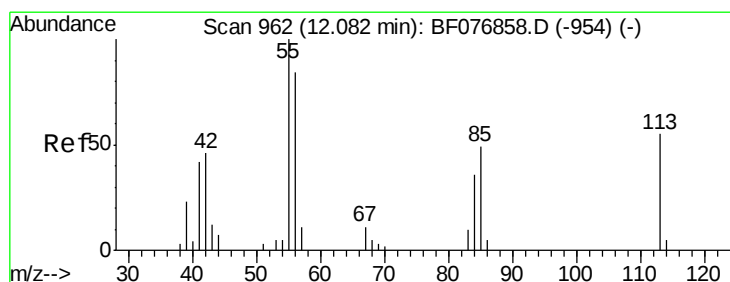
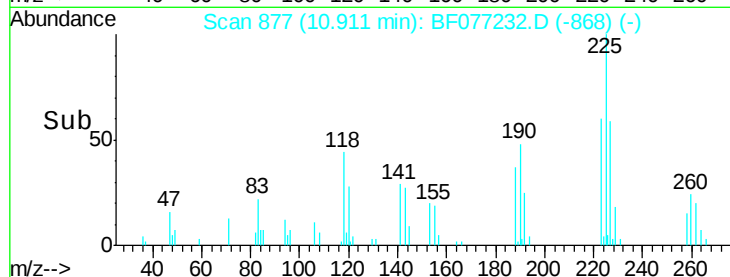
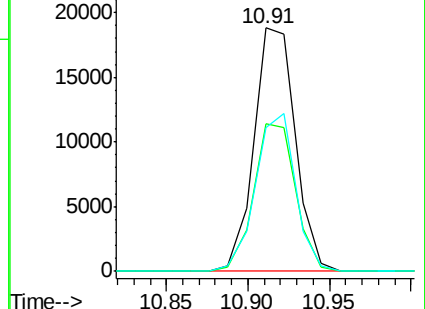
227 58.8 47.5 71.3



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: 21.64 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

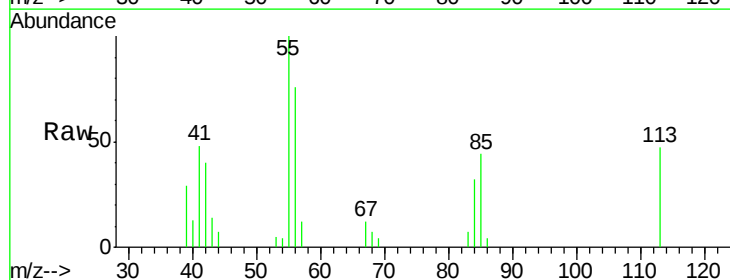
Tgt Ion:113 Resp: 10878

Ion Ratio Lower Upper

113 100

55 213.6 162.1 202.1#

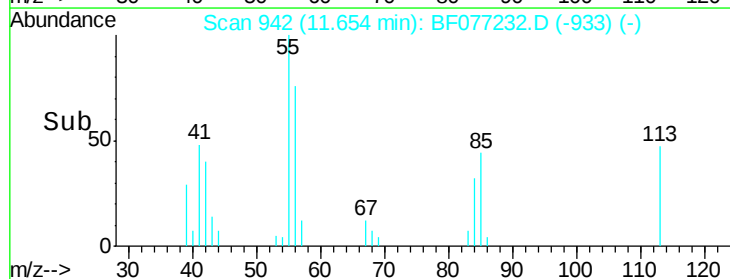
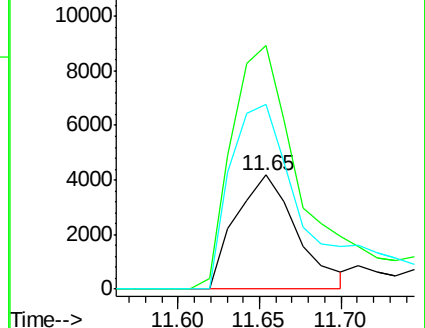
56 162.0 133.7 173.7

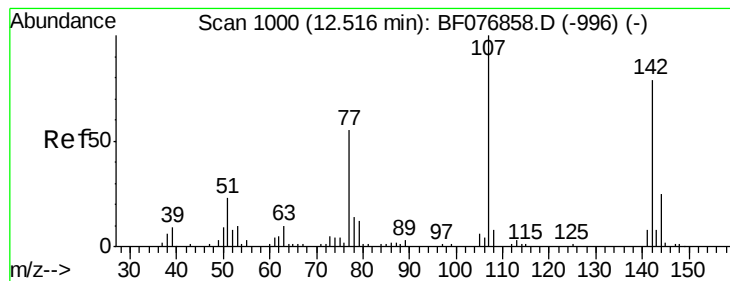


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 26.96 ng

RT: 12.12 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

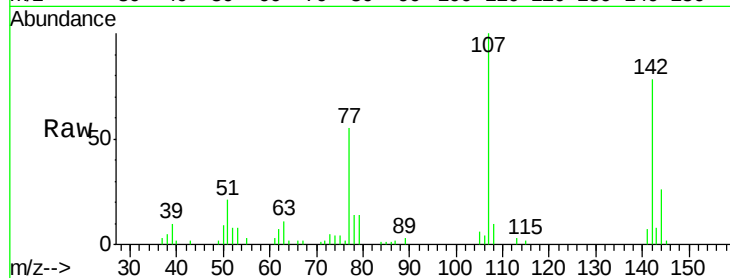
Tgt Ion:107 Resp: 52699

Ion Ratio Lower Upper

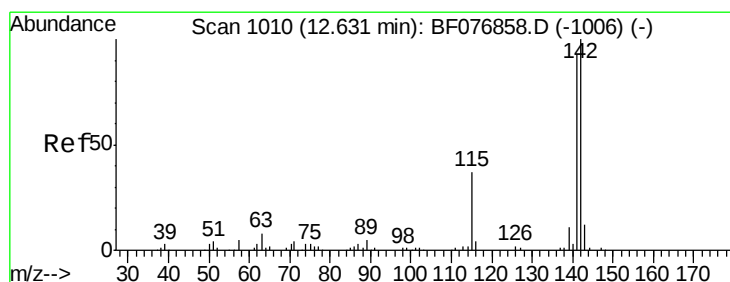
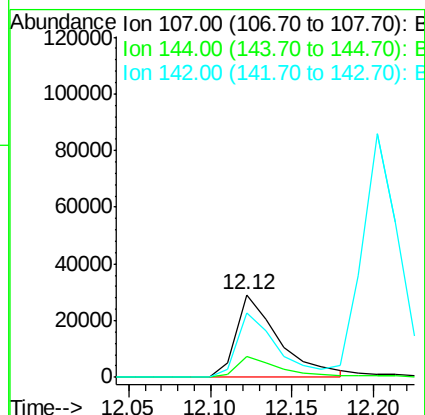
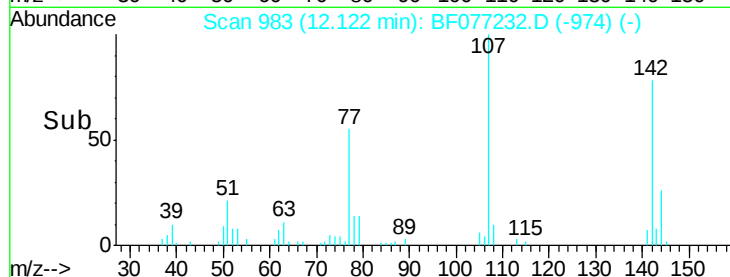
107 100

144 25.9 20.0 30.0

142 78.4 63.5 95.3



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: 29.52 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

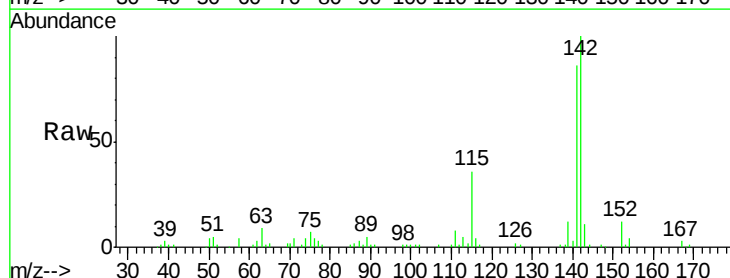
Tgt Ion:142 Resp: 133725

Ion Ratio Lower Upper

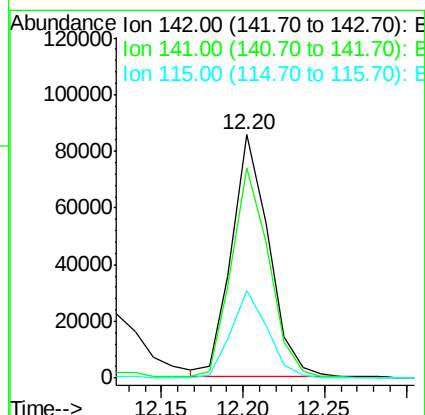
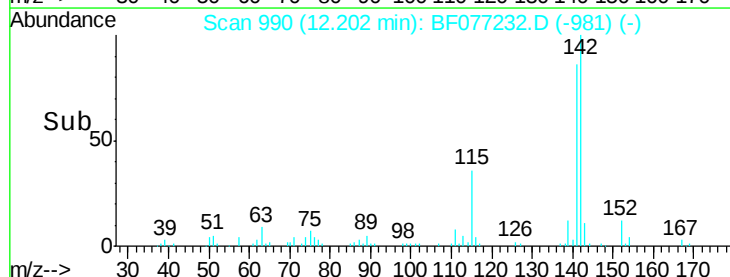
142 100

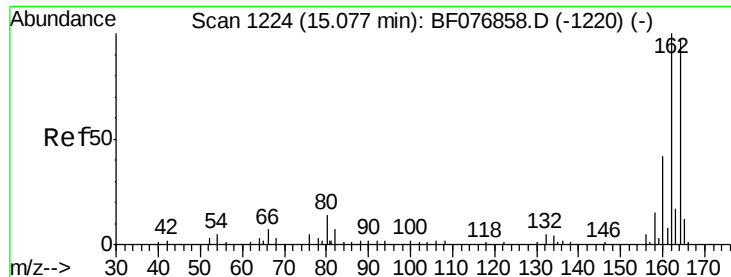
141 86.3 74.5 111.7

115 36.0 29.7 44.5



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

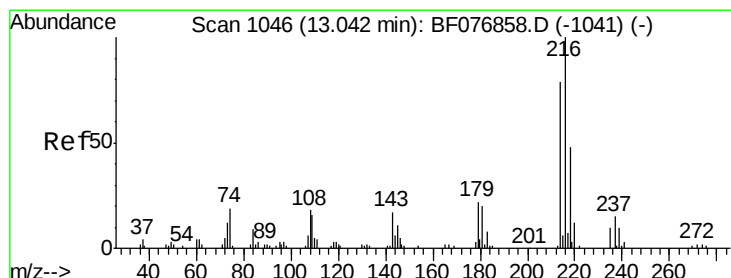
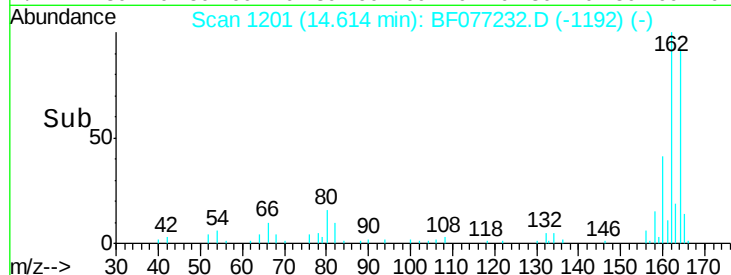
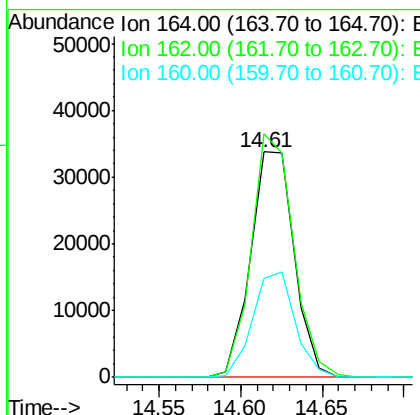
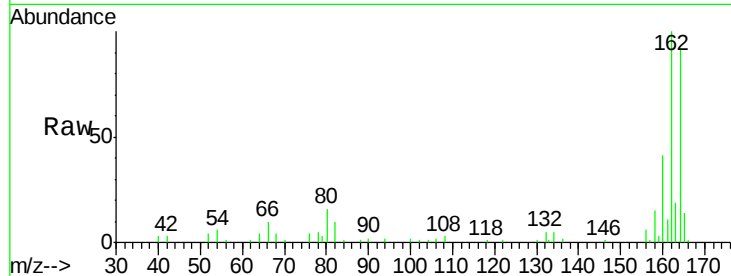




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

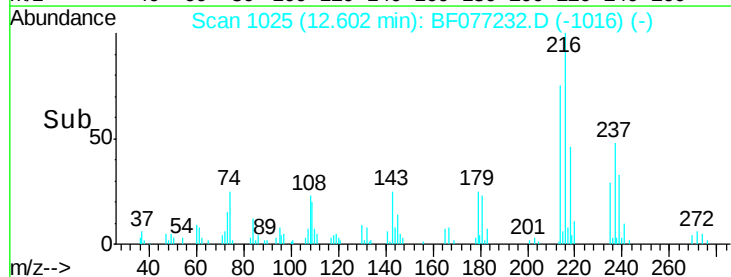
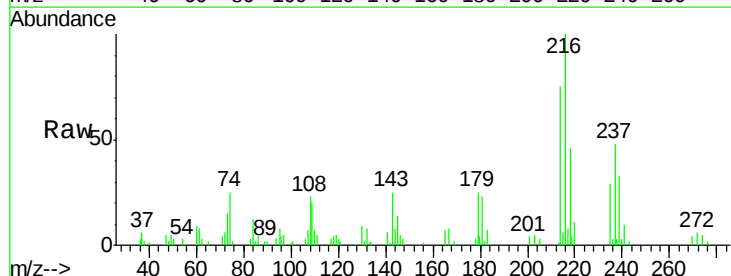
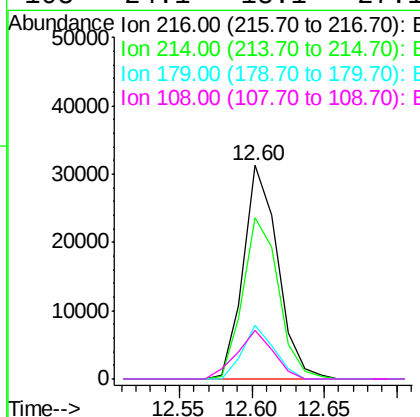
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

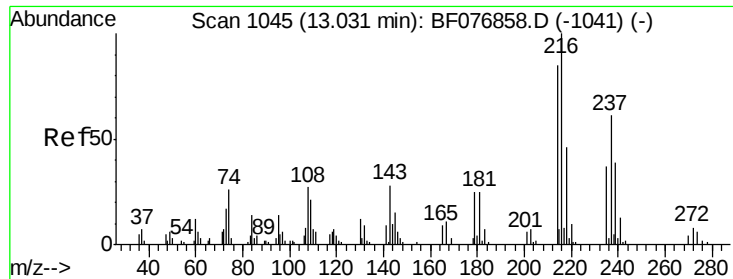
Tgt Ion:164 Resp: 62746
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.4 123.6
 160 43.9 34.8 52.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.35 ng
 RT: 12.60 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:216 Resp: 51730
 Ion Ratio Lower Upper
 216 100
 214 77.8 64.9 97.3
 179 23.0 18.6 28.0
 108 24.1 18.1 27.1

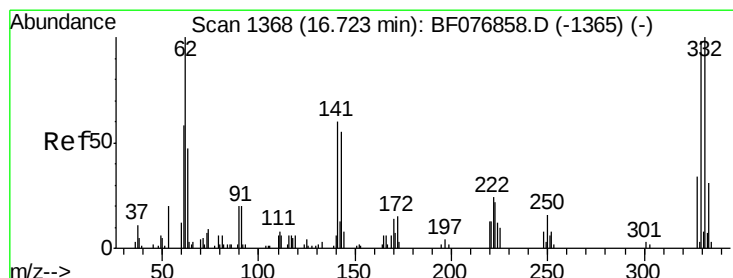
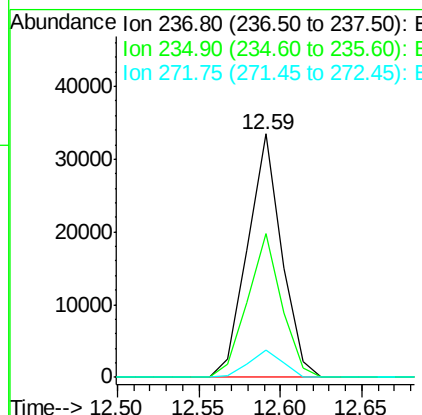
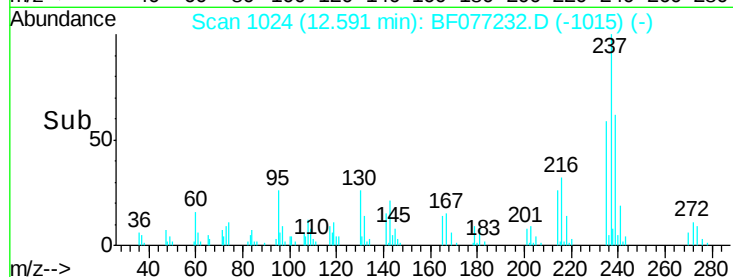
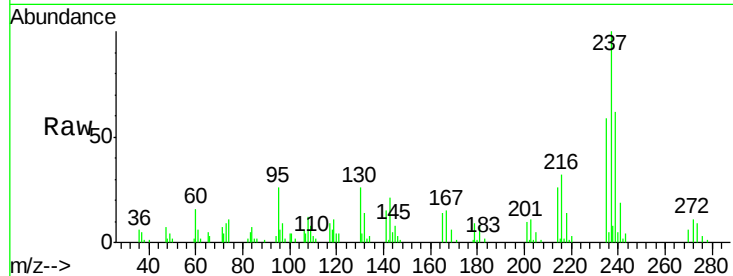




#40
Hexachlorocyclopentadiene
Concen: 59.40 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

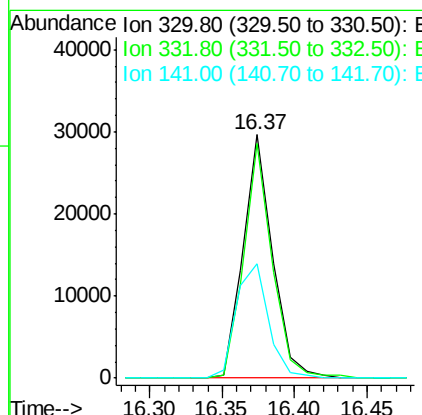
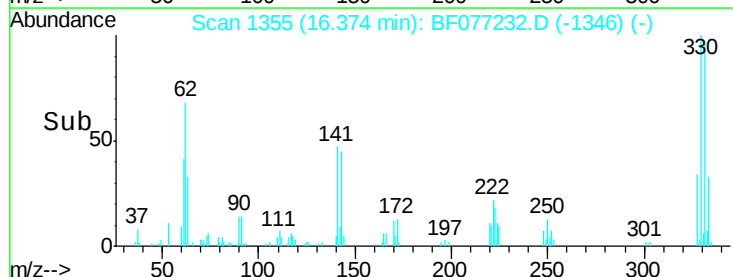
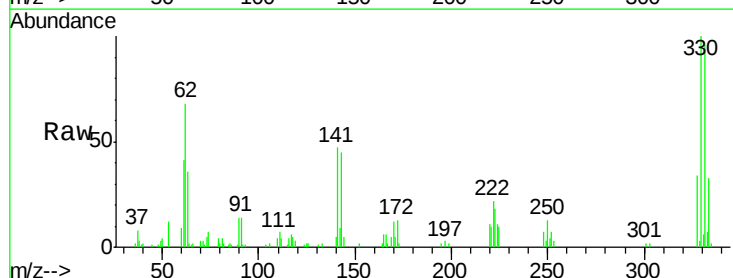
Instrument :
BNA_F
ClientSampleId :
PB81636BS

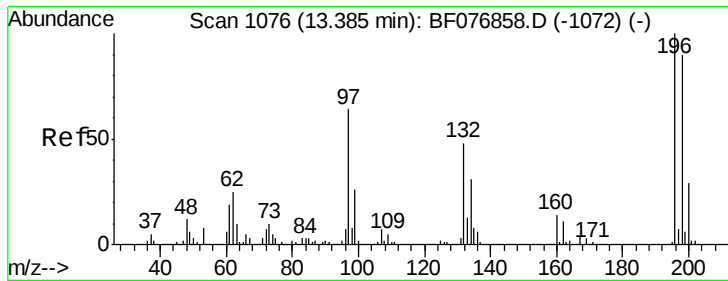
Tgt Ion: 237 Resp: 48558
Ion Ratio Lower Upper
237 100
235 58.8 40.4 80.4
272 11.0 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 81.96 ng
RT: 16.37 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion: 330 Resp: 41744
Ion Ratio Lower Upper
330 100
332 93.2 77.8 116.6
141 51.5 38.5 57.7

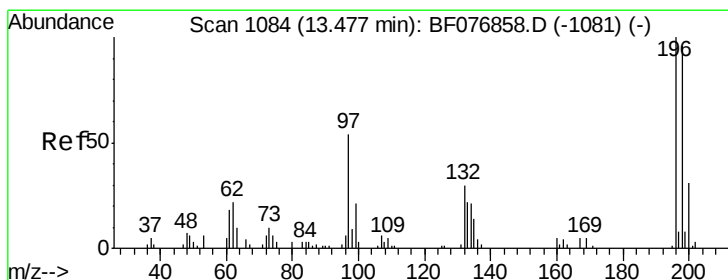
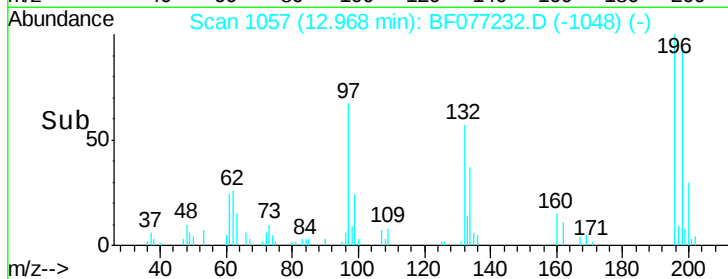
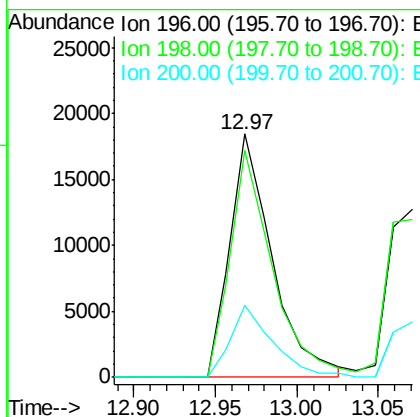
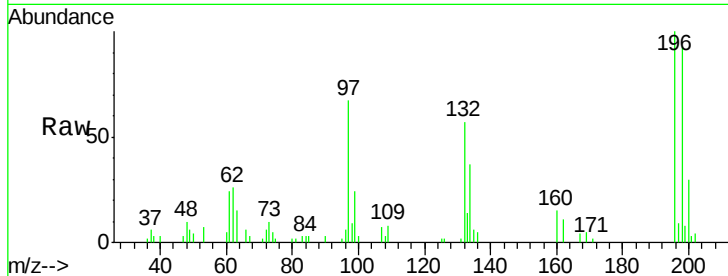




#42
2,4,6-Trichlorophenol
Concen: 29.31 ng
RT: 12.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

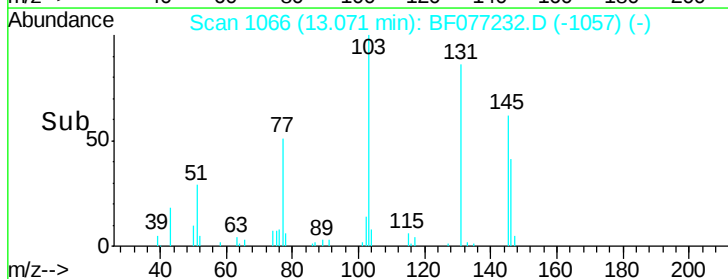
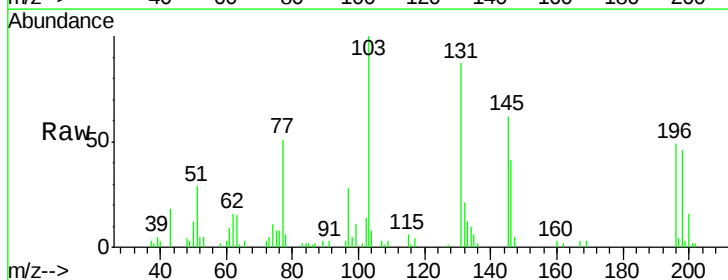
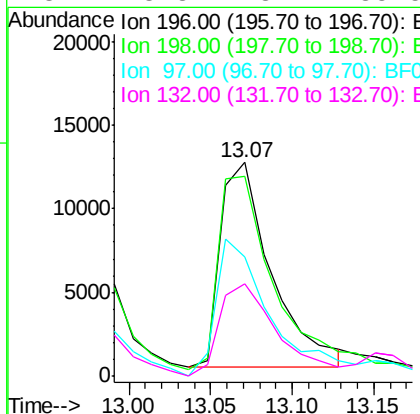
Instrument :
BNA_F
ClientSampleId :
PB81636BS

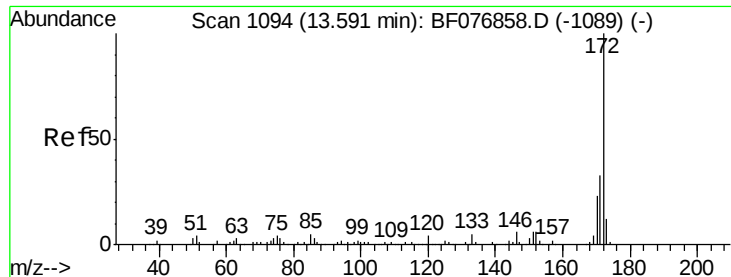
Tgt Ion:196 Resp: 33129
Ion Ratio Lower Upper
196 100
198 93.0 72.0 108.0
200 29.8 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 22.92 ng
RT: 13.07 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:196 Resp: 26428
Ion Ratio Lower Upper
196 100
198 93.4 76.6 115.0
97 55.9 43.4 65.0
132 43.3 23.7 35.5#

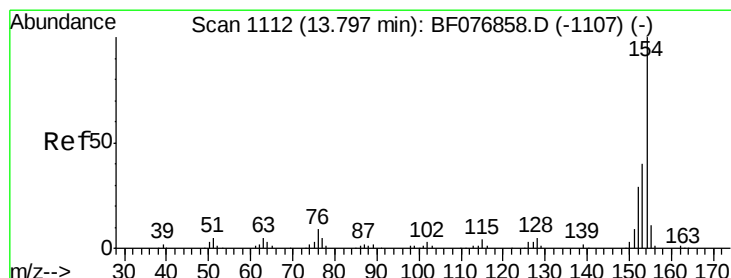
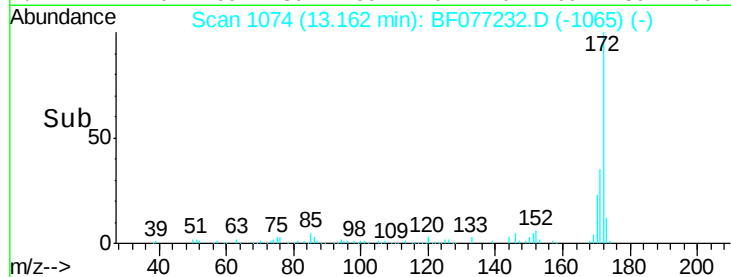
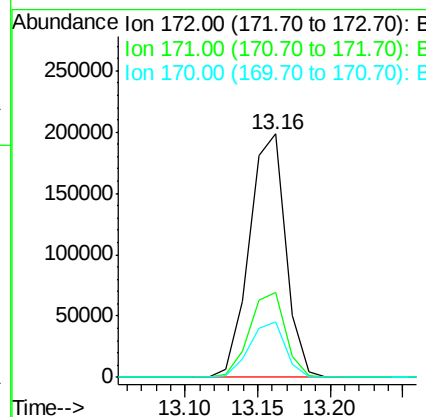
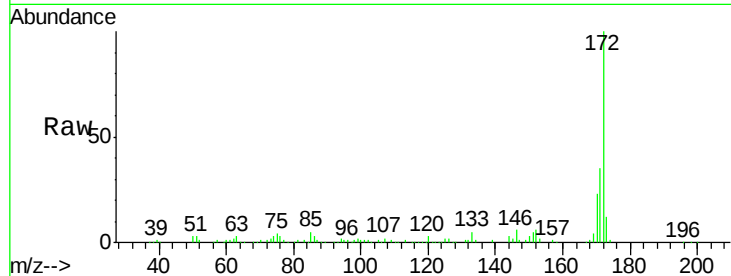




#44
 2-Fluorobiphenyl
 Concen: 83.52 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

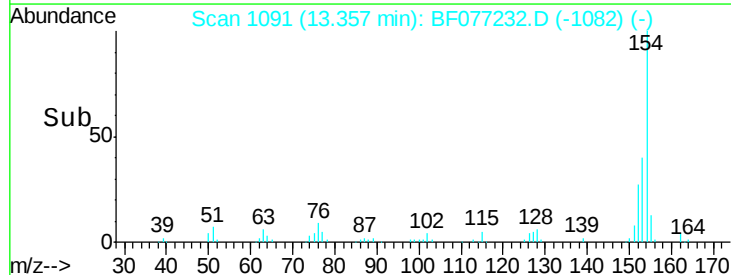
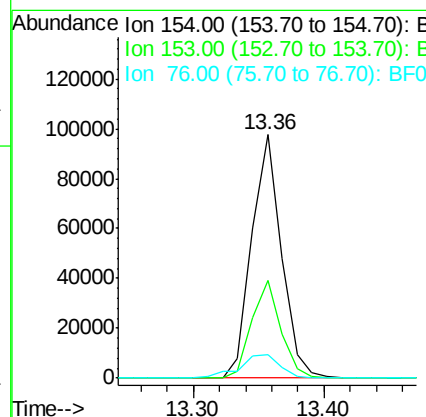
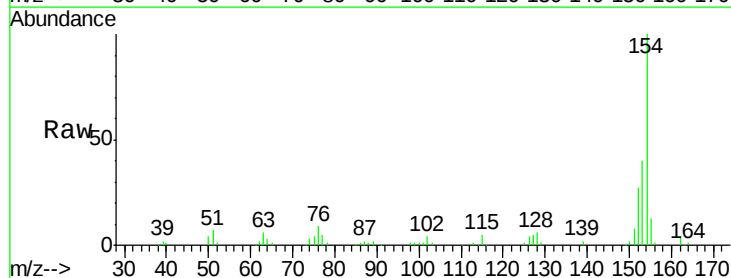
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

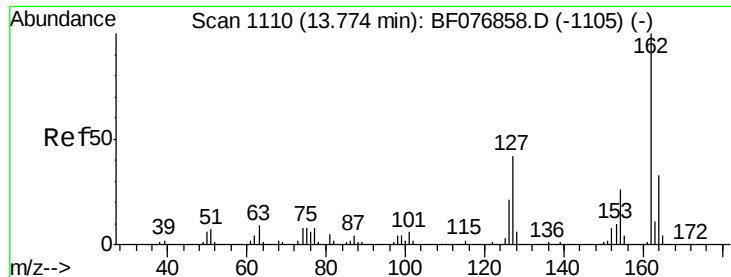
Tgt Ion:172 Resp: 344345
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.6 40.0
 170 23.0 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 33.41 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:154 Resp: 155430
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.2 60.2
 76 9.4 0.0 29.0

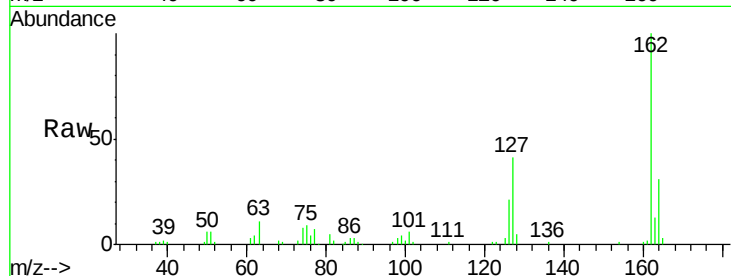




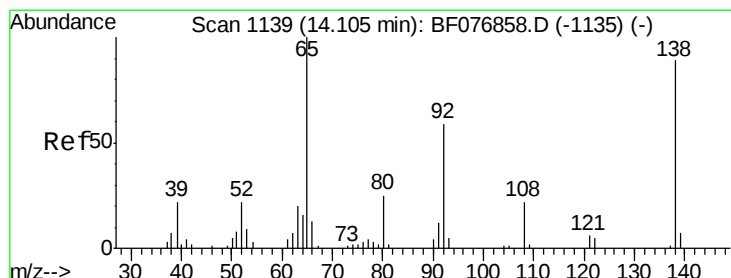
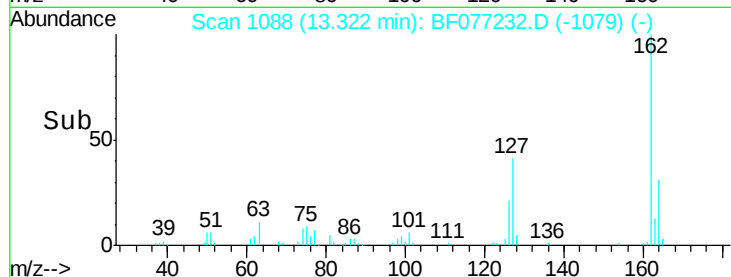
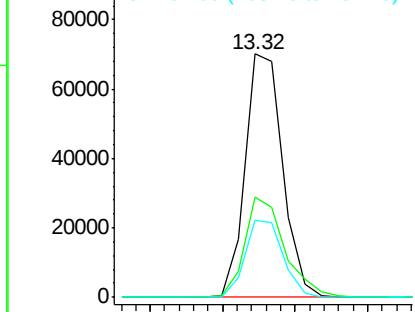
#46
 2-Chloronaphthalene
 Concen: 32.66 ng
 RT: 13.32 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion: 162 Resp: 125024
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.8 50.6
 164 31.5 26.8 40.2

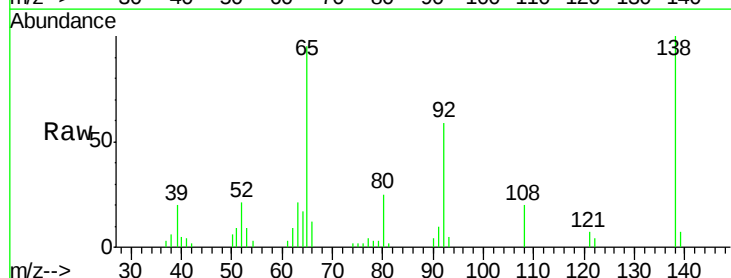


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

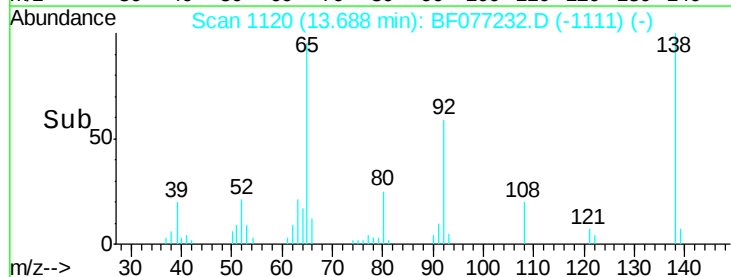
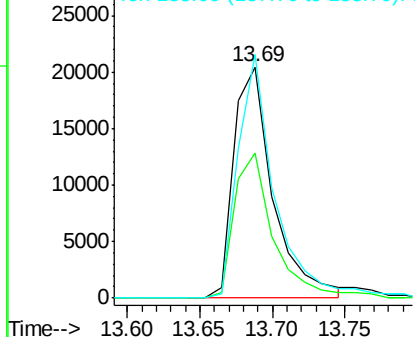


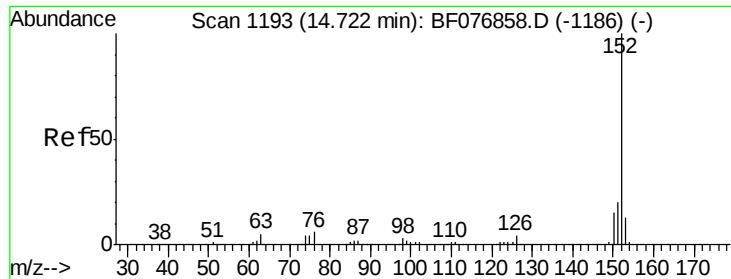
#47
 2-Nitroaniline
 Concen: 33.23 ng
 RT: 13.69 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion: 65 Resp: 38586
 Ion Ratio Lower Upper
 65 100
 92 62.7 47.3 70.9
 138 105.4 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 30.96 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

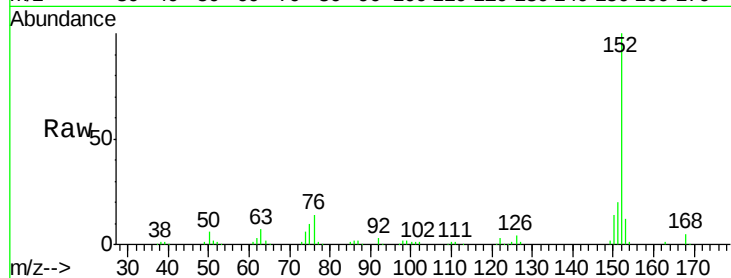
Tgt Ion:152 Resp: 199895

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

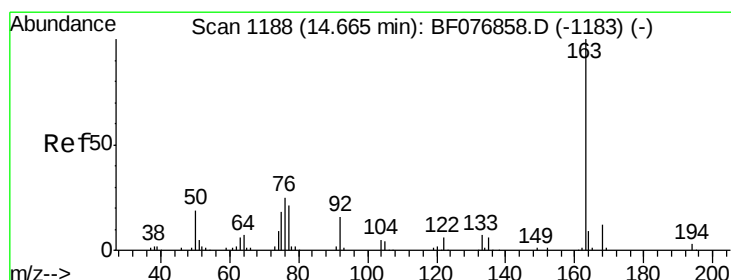
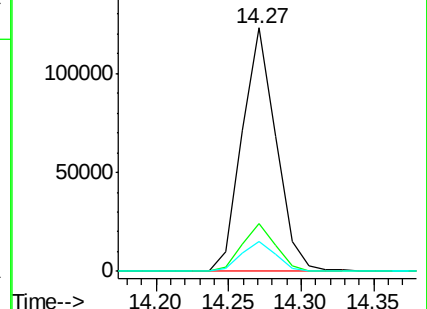
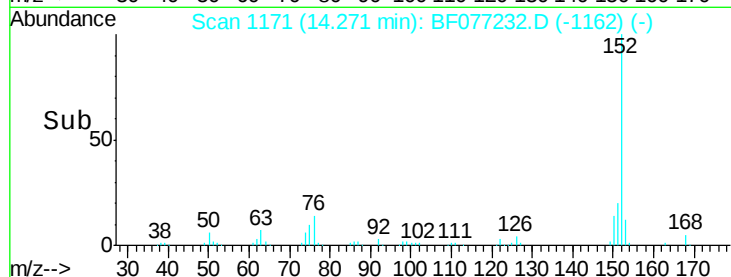
153 12.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.52 ng

RT: 14.24 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

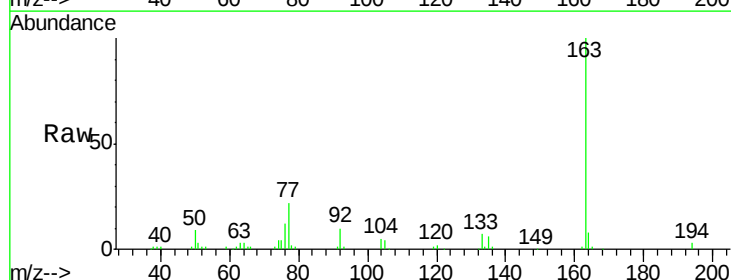
Tgt Ion:163 Resp: 149177

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

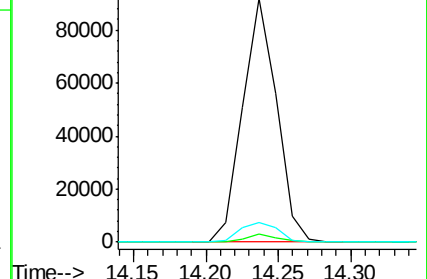
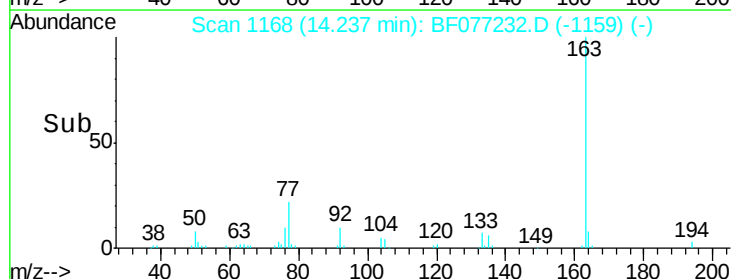
164 8.2 7.5 11.3

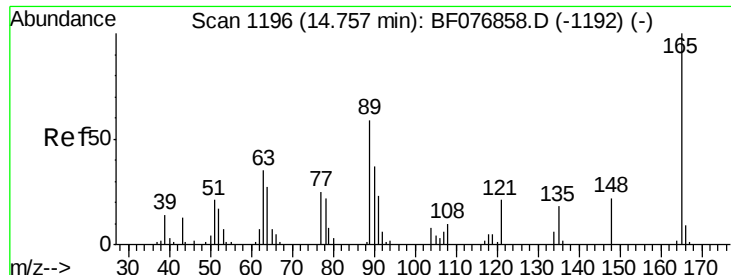


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

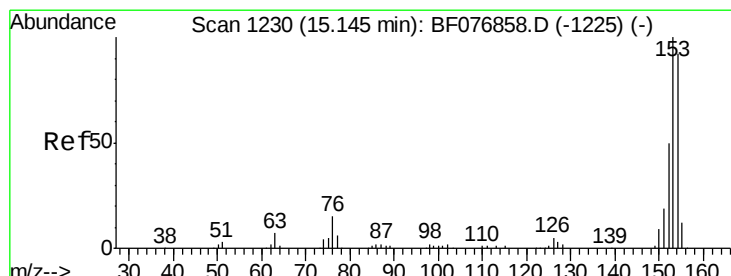
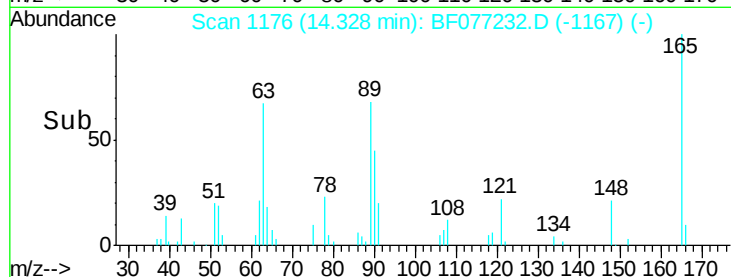
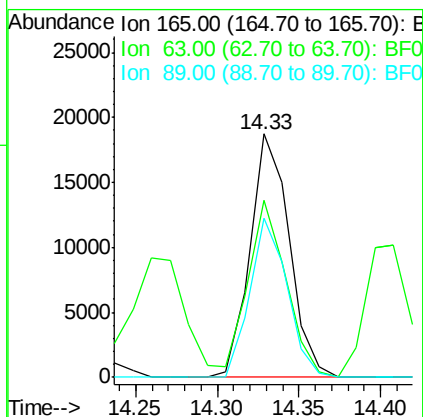
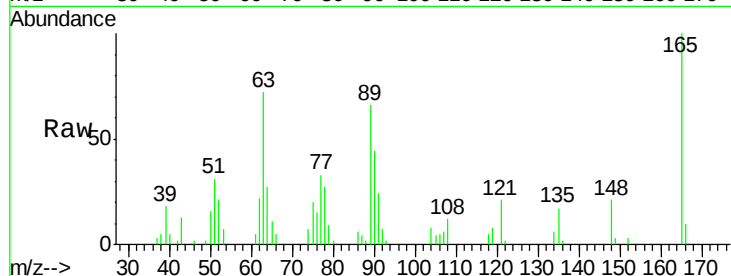




#50
2,6-Dinitrotoluene
Concen: 35.10 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

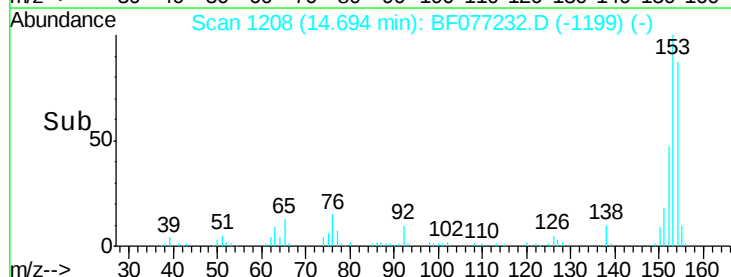
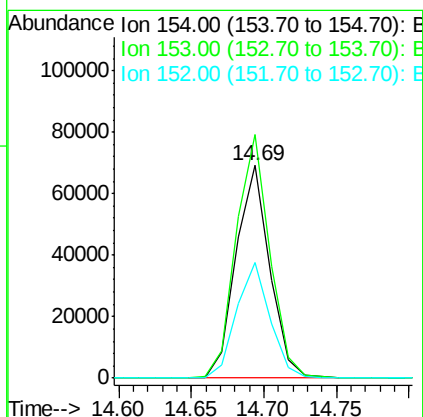
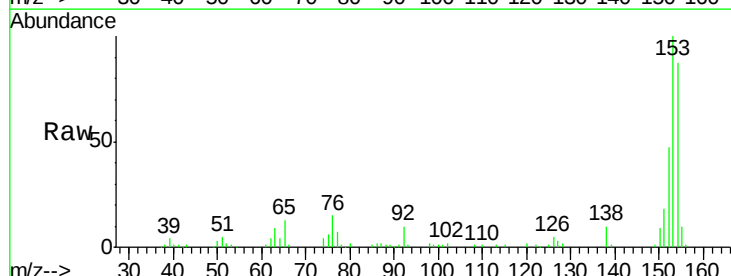
Instrument :
BNA_F
ClientSampleId :
PB81636BS

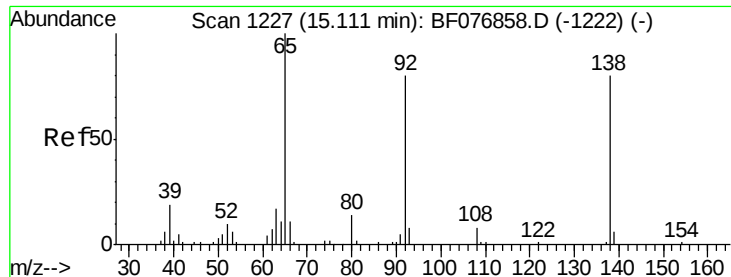
Tgt Ion:165 Resp: 31204
Ion Ratio Lower Upper
165 100
63 72.5 48.1 72.1#
89 65.6 47.2 70.8



#51
Acenaphthene
Concen: 30.31 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:154 Resp: 111045
Ion Ratio Lower Upper
154 100
153 114.7 87.0 130.6
152 54.4 43.5 65.3

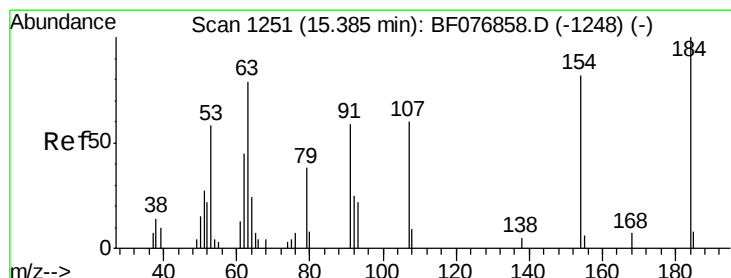
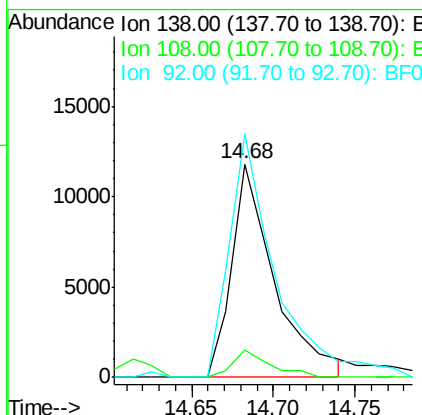
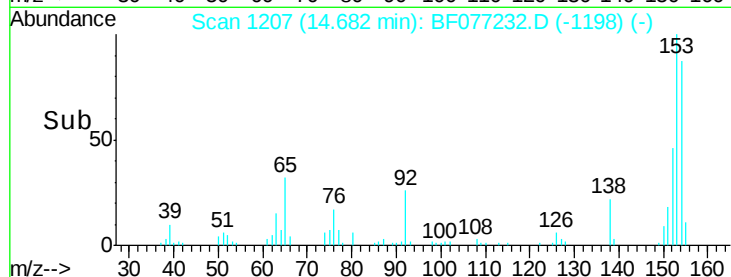
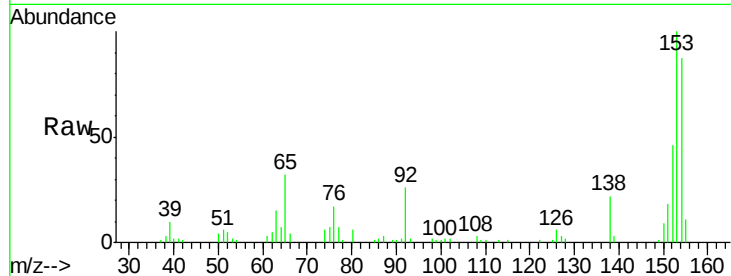




#52
 3-Nitroaniline
 Concen: 19.62 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

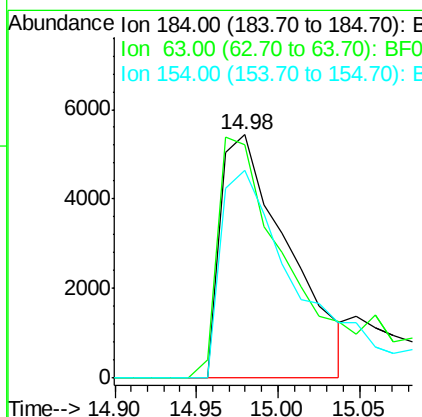
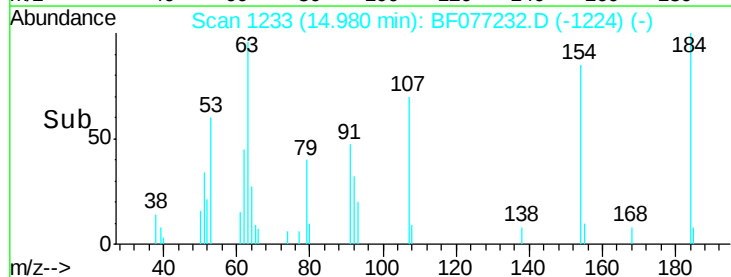
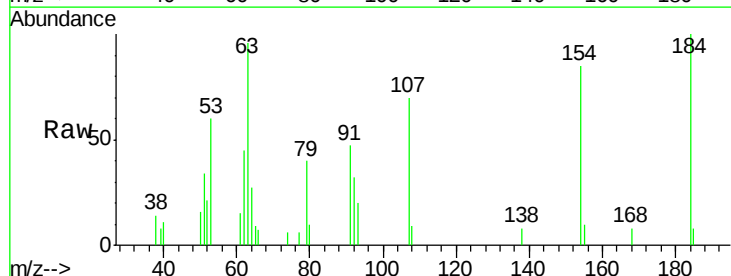
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

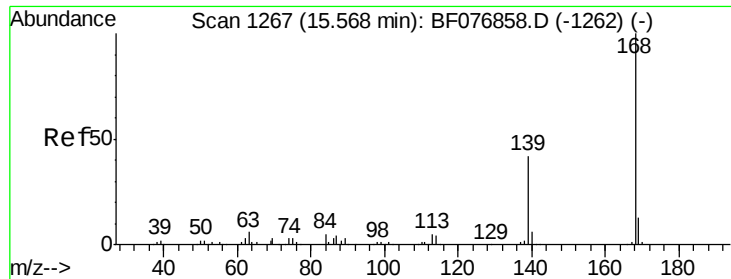
Tgt Ion:138 Resp: 21488
 Ion Ratio Lower Upper
 138 100
 108 12.8 8.3 12.5#
 92 114.3 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 43.86 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:184 Resp: 15704
 Ion Ratio Lower Upper
 184 100
 63 96.0 63.0 94.6#
 154 85.3 65.5 98.3

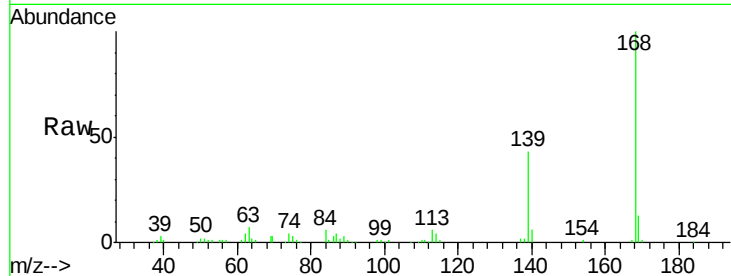




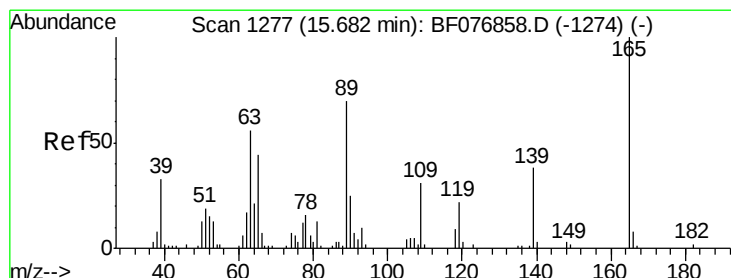
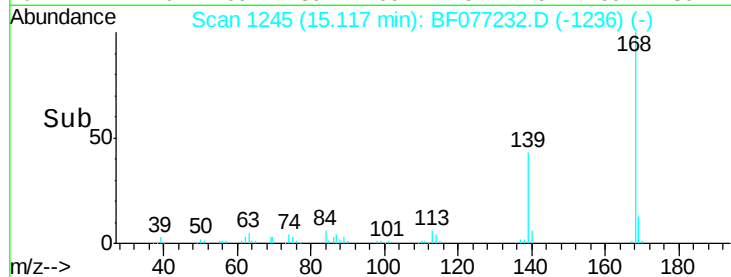
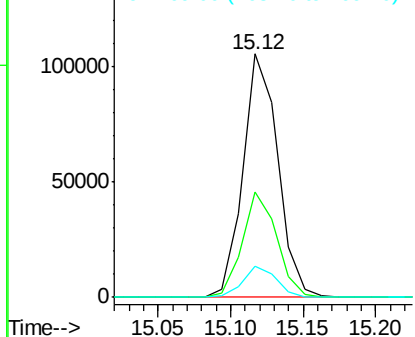
#54
Dibenzenofuran
Concen: 32.86 ng
RT: 15.12 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:168 Resp: 175376
Ion Ratio Lower Upper
168 100
139 43.3 33.4 50.2
169 12.8 10.6 15.8

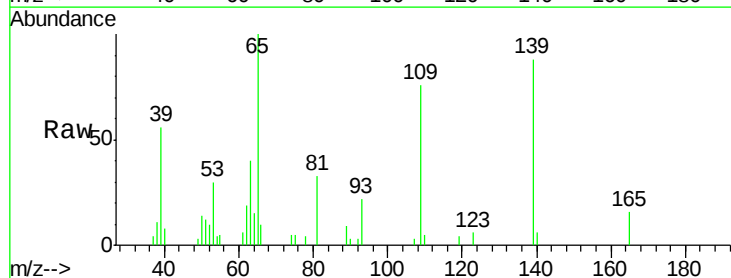


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

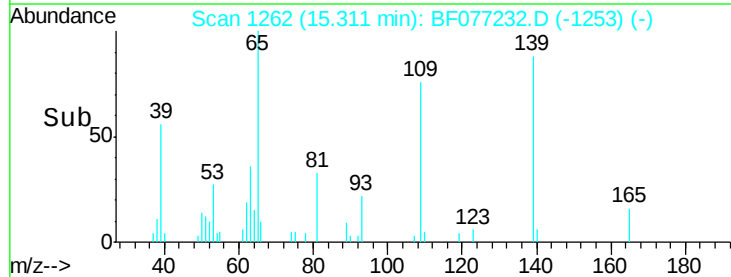
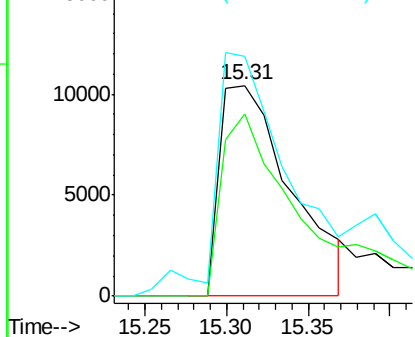


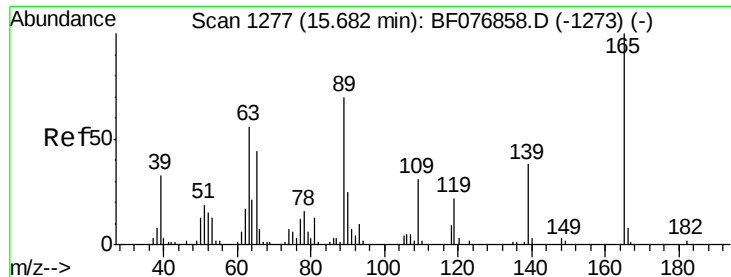
#55
4-Nitrophenol
Concen: 45.37 ng
RT: 15.31 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:139 Resp: 31647
Ion Ratio Lower Upper
139 100
109 86.3 61.0 101.0
65 113.6 96.6 136.6



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

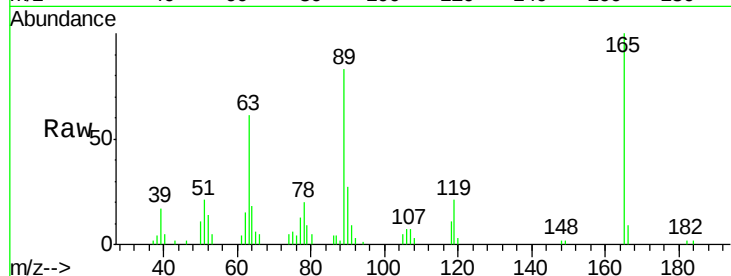




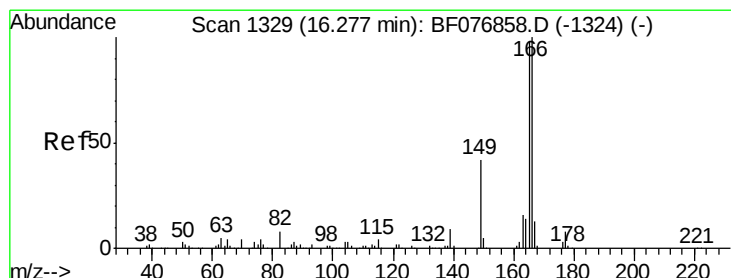
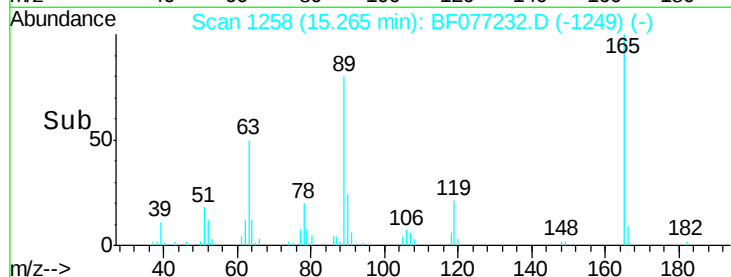
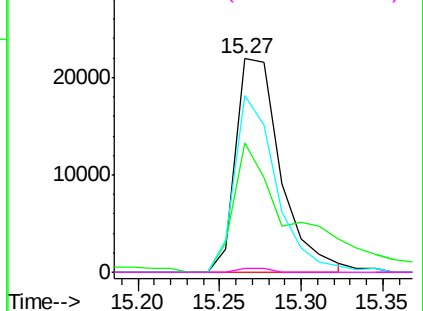
#56
2,4-Dinitrotoluene
Concen: 32.19 ng
RT: 15.27 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:165 Resp: 41936
Ion Ratio Lower Upper
165 100
63 60.6 44.8 67.2
89 82.7 56.2 84.2
182 2.0 1.5 2.3

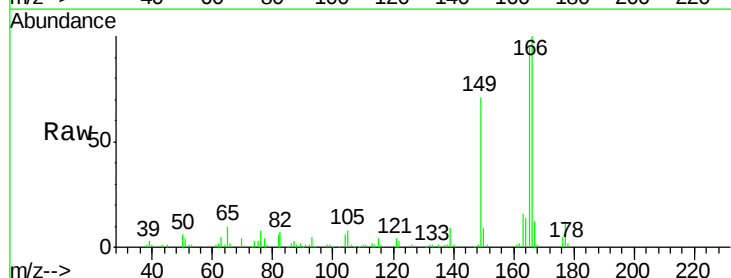


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

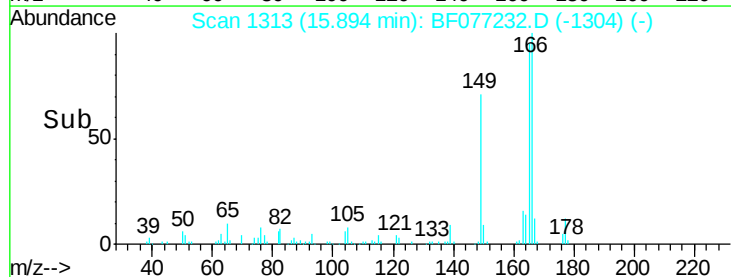
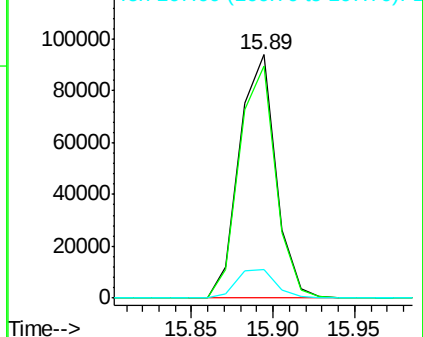


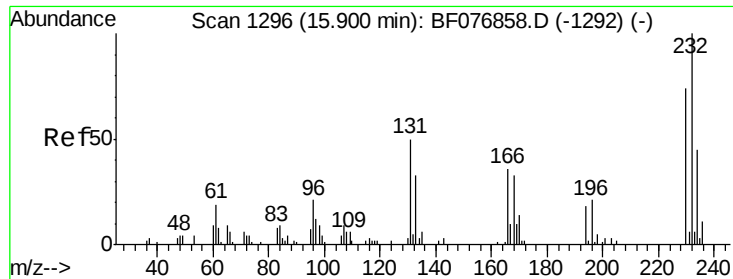
#57
Fluorene
Concen: 32.13 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:166 Resp: 145245
Ion Ratio Lower Upper
166 100
165 95.1 78.5 117.7
167 11.9 10.4 15.6



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

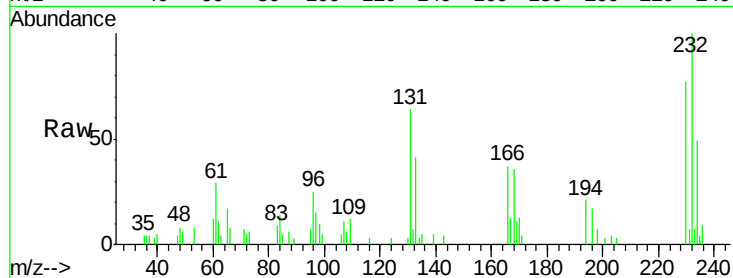




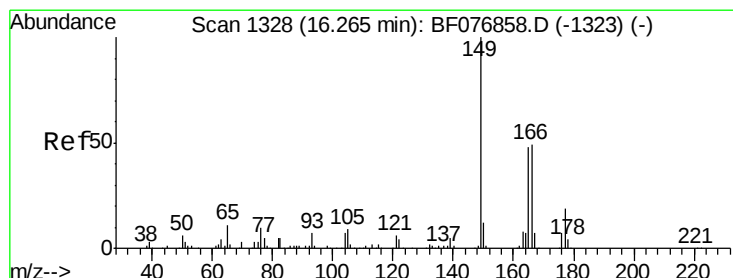
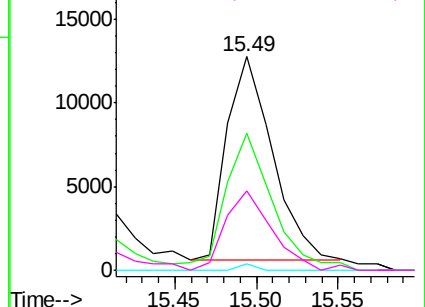
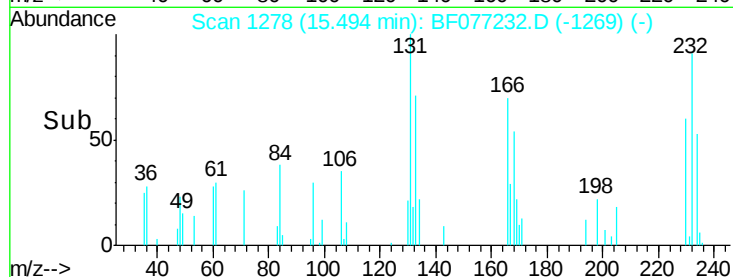
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.86 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion:232 Resp: 23386
 Ion Ratio Lower Upper
 232 100
 131 59.6 45.0 67.6
 130 1.2 2.6 3.8#
 166 39.7 30.9 46.3

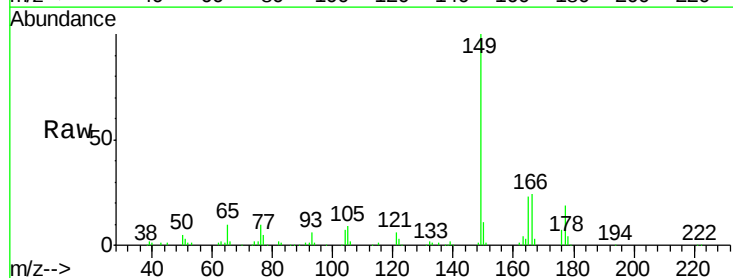


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

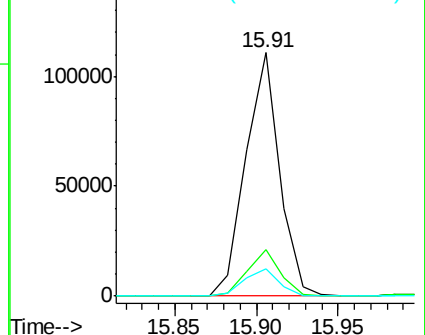
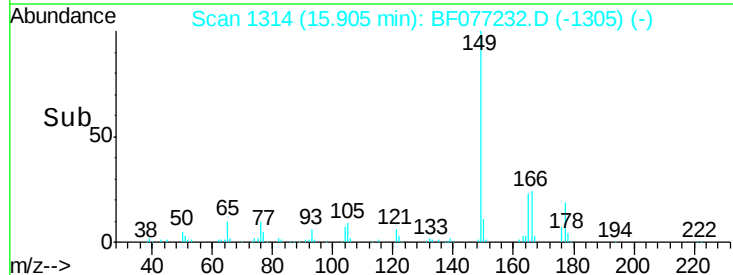


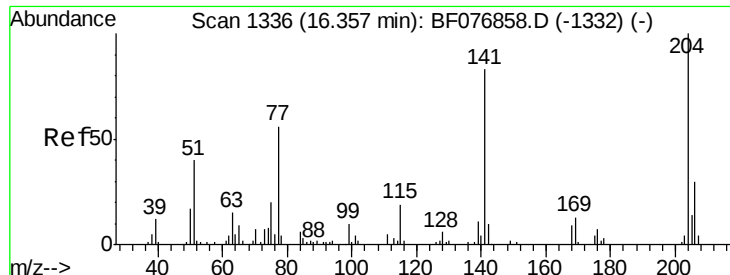
#59
 Diethylphthalate
 Concen: 35.28 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:149 Resp: 158645
 Ion Ratio Lower Upper
 149 100
 177 19.1 15.0 22.6
 150 11.2 9.4 14.0



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

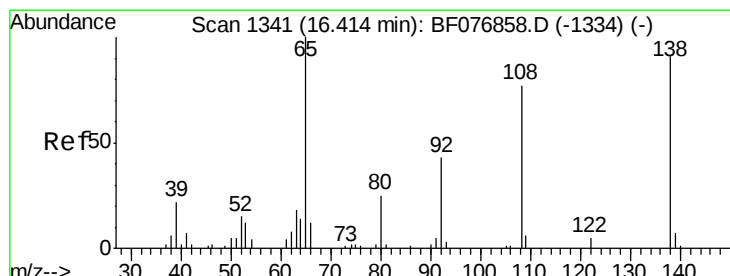
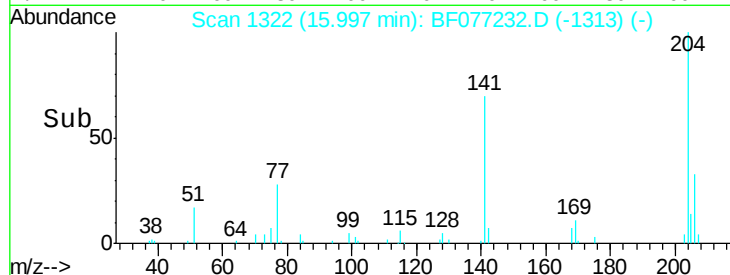
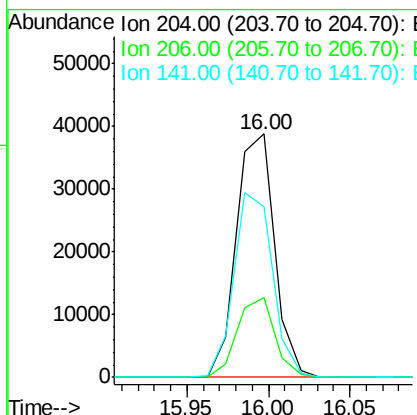
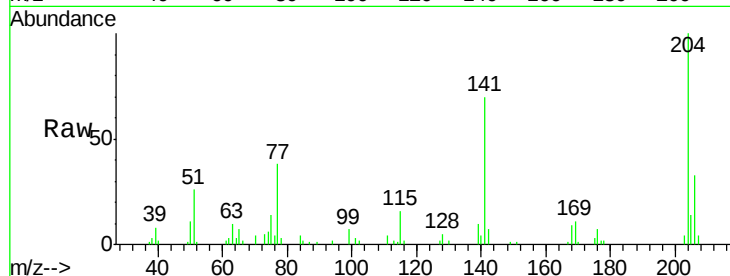




#60
 4-Chlorophenyl-phenylether
 Concen: 33.89 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

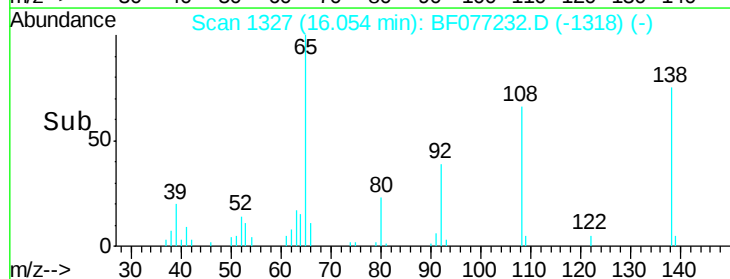
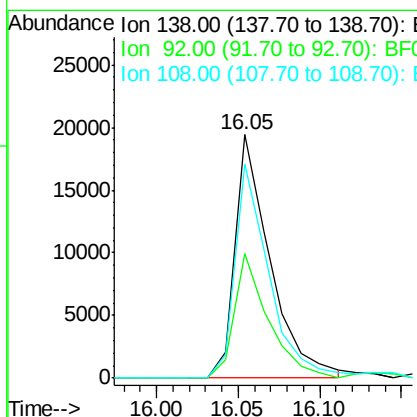
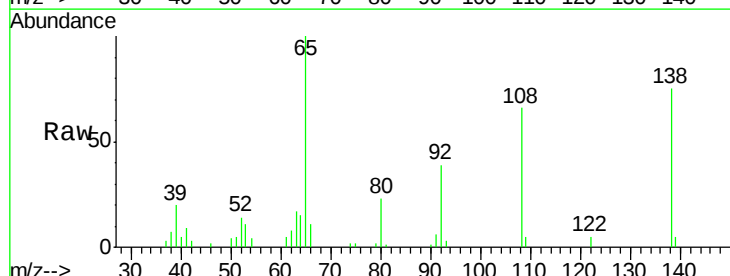
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

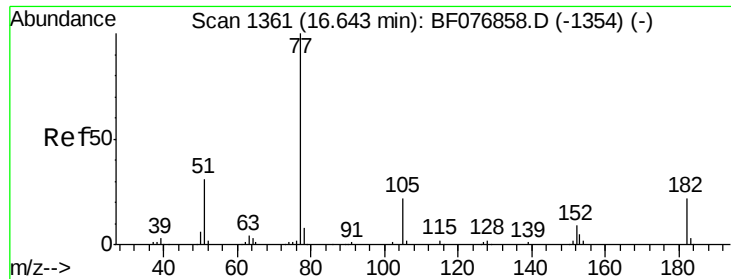
Tgt Ion: 204 Resp: 62695
 Ion Ratio Lower Upper
 204 100
 206 32.8 24.2 36.2
 141 69.9 66.7 100.1



#61
 4-Nitroaniline
 Concen: 26.39 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion: 138 Resp: 28832
 Ion Ratio Lower Upper
 138 100
 92 51.3 26.7 66.7
 108 88.1 64.5 104.5





#62

Azobenzene

Concen: 34.49 ng

RT: 16.28 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion: 77 Resp: 161591

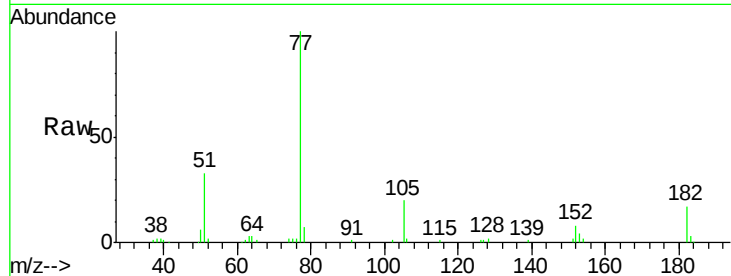
Ion Ratio Lower Upper

77 100

182 17.1 2.0 42.0

105 20.2 2.3 42.3

51 32.9 10.7 50.7

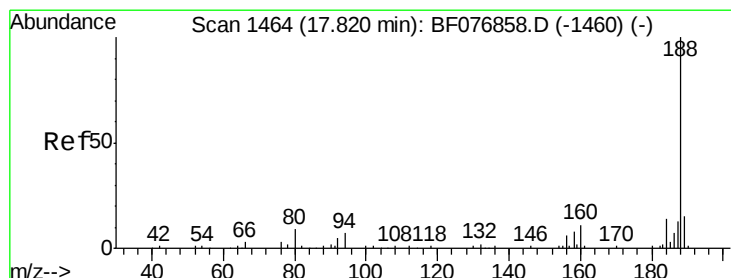
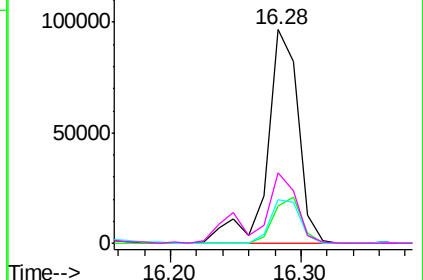
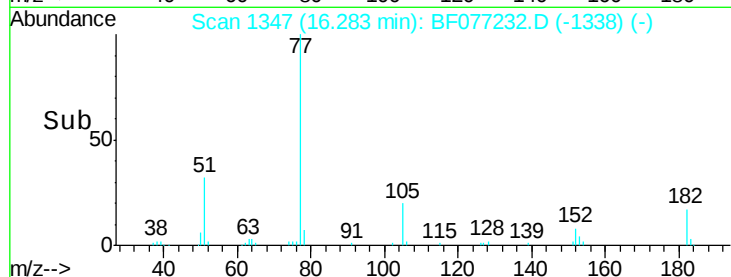


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

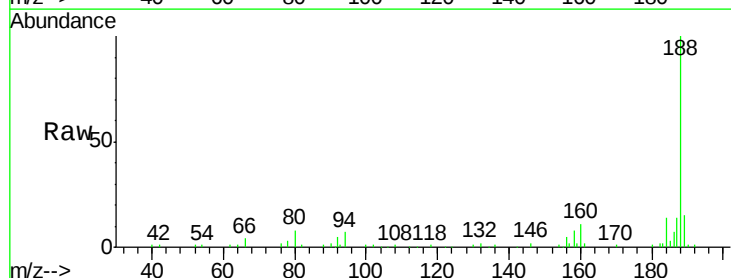
Tgt Ion: 188 Resp: 111895

Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

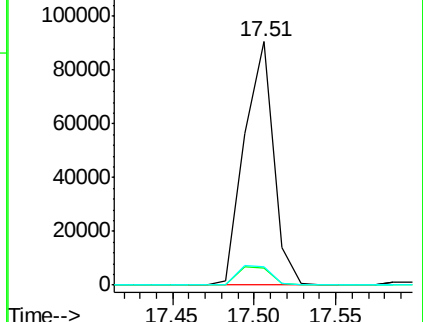
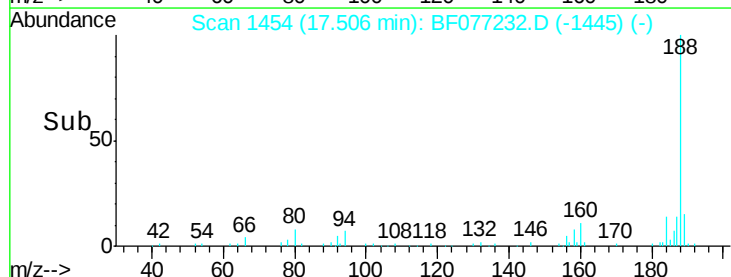
80 7.6 6.9 10.3

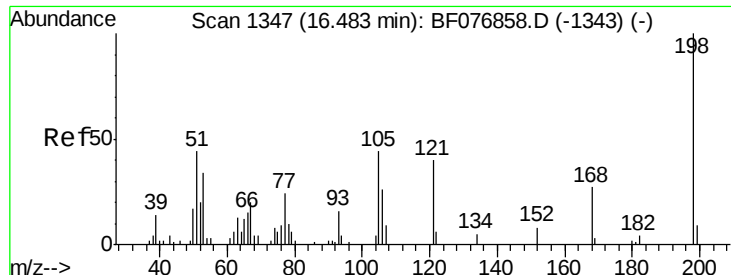


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

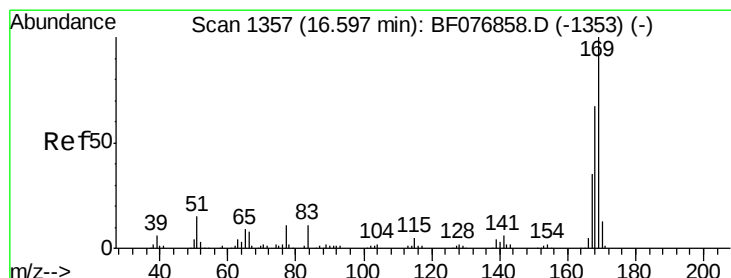
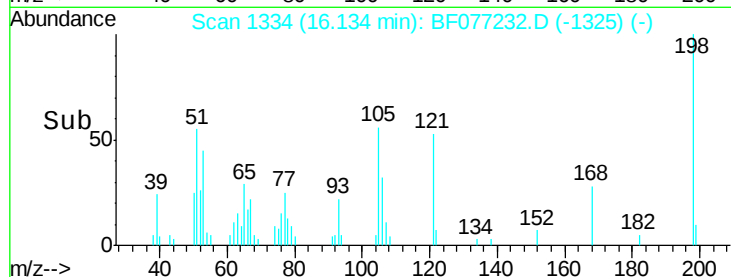
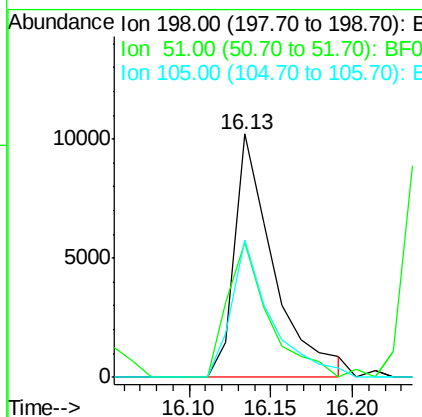
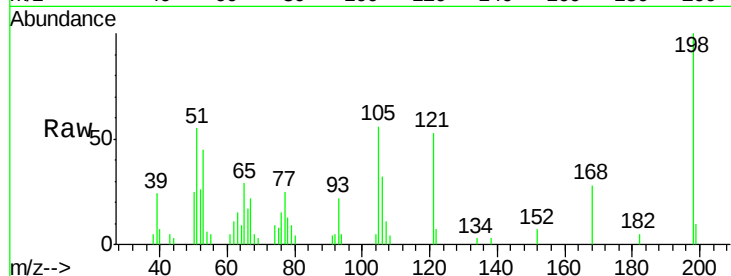




#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.20 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

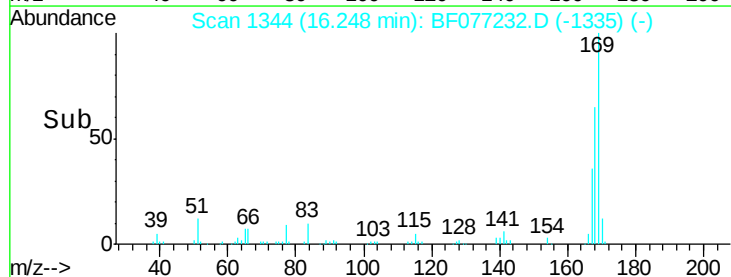
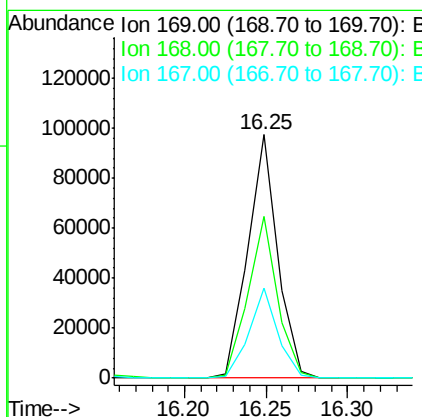
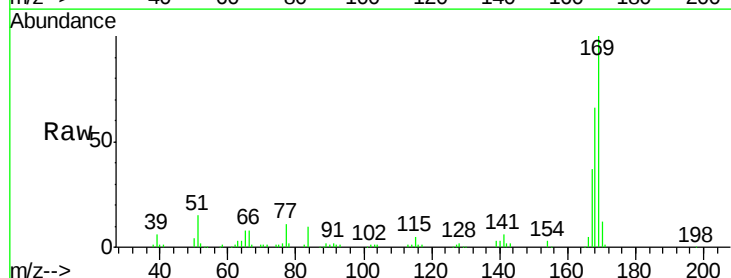
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

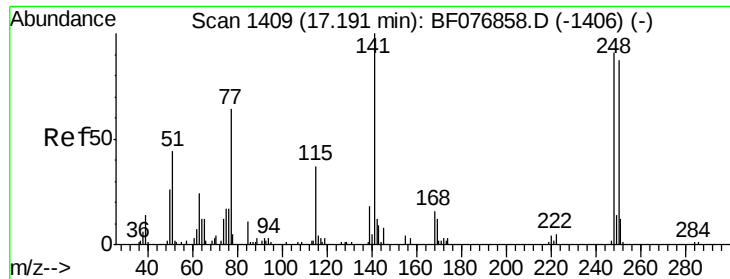
Tgt Ion:198 Resp: 16911
 Ion Ratio Lower Upper
 198 100
 51 55.2 24.2 64.2
 105 56.5 24.0 64.0



#65
 n-Nitrosodiphenylamine
 Concen: 30.92 ng
 RT: 16.25 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:169 Resp: 123373
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.8 80.6
 167 36.8 27.8 41.6

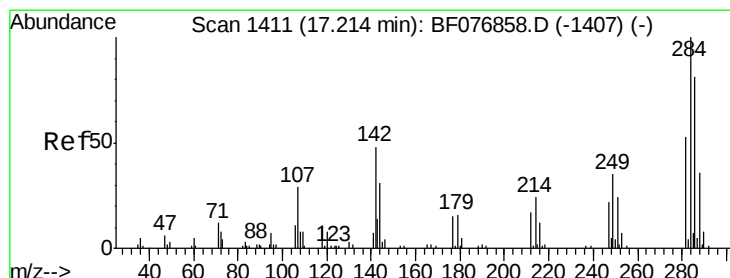
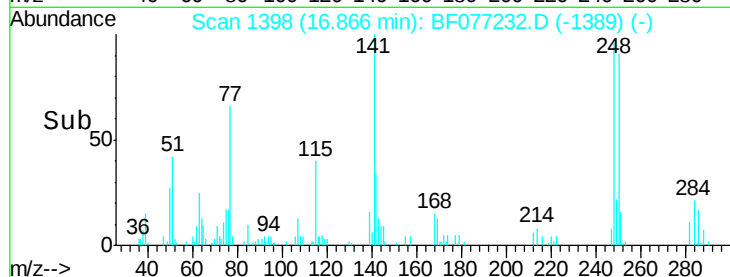
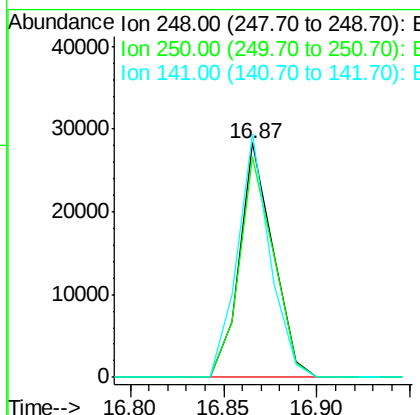
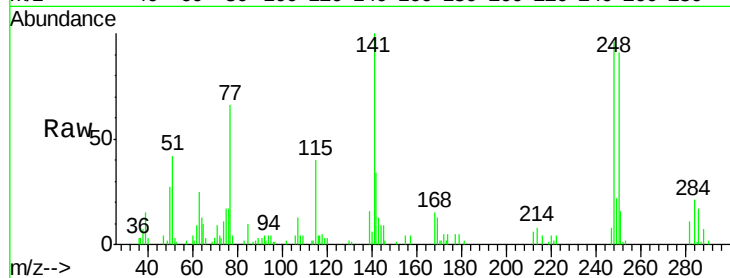




#66
4-Bromophenyl-phenylether
Concen: 31.34 ng
RT: 16.87 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

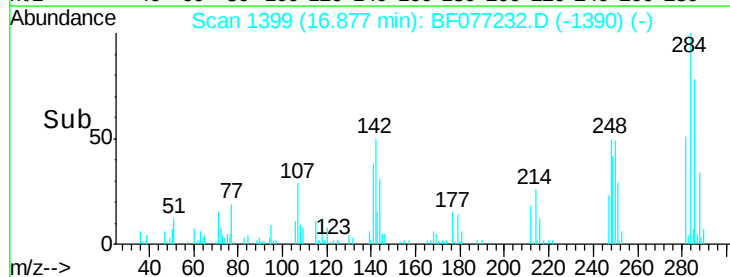
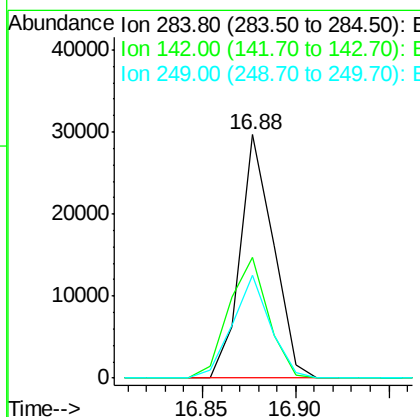
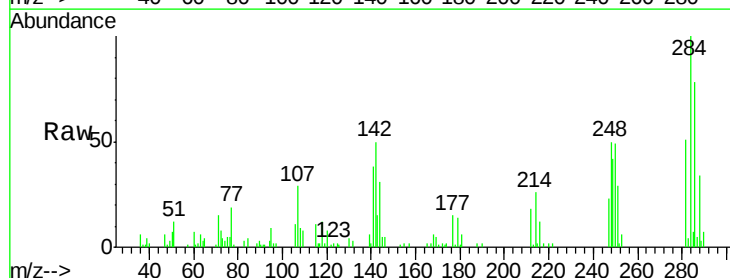
Instrument :
BNA_F
ClientSampleId :
PB81636BS

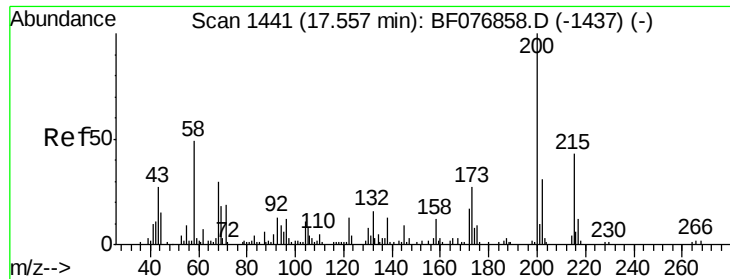
Tgt Ion:248 Resp: 35530
Ion Ratio Lower Upper
248 100
250 94.2 77.1 115.7
141 103.8 88.2 132.4



#67
Hexachlorobenzene
Concen: 30.90 ng
RT: 16.88 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:284 Resp: 36912
Ion Ratio Lower Upper
284 100
142 49.8 38.2 57.4
249 42.4 28.2 42.2#





#68

Atrazine

Concen: 33.18 ng

RT: 17.25 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

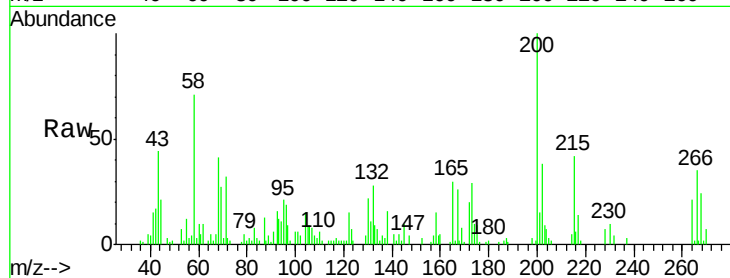
Tgt Ion:200 Resp: 40169

Ion Ratio Lower Upper

200 100

173 29.4 6.6 46.6

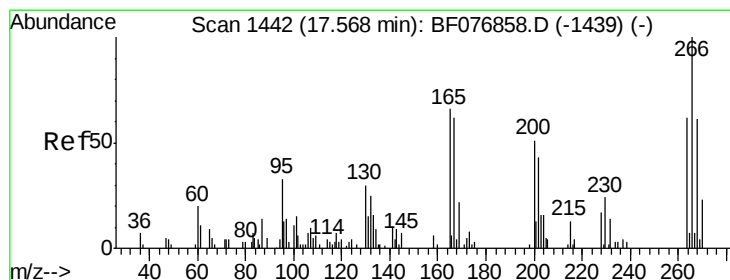
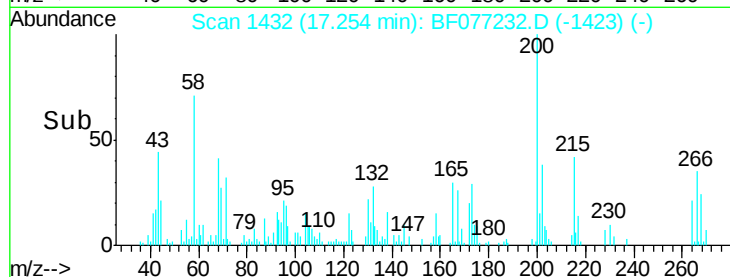
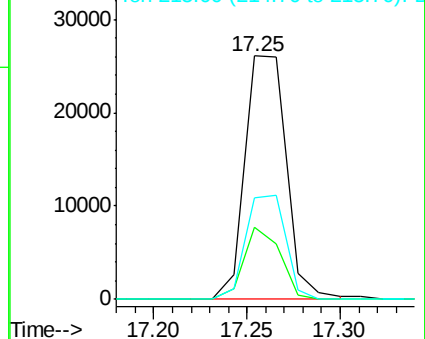
215 41.8 22.9 62.9



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: 45.84 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

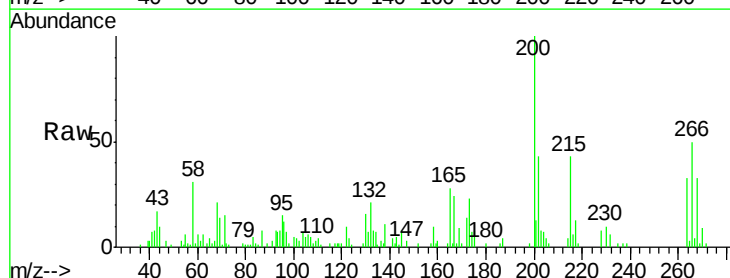
Tgt Ion:266 Resp: 23351

Ion Ratio Lower Upper

266 100

268 66.0 48.6 72.8

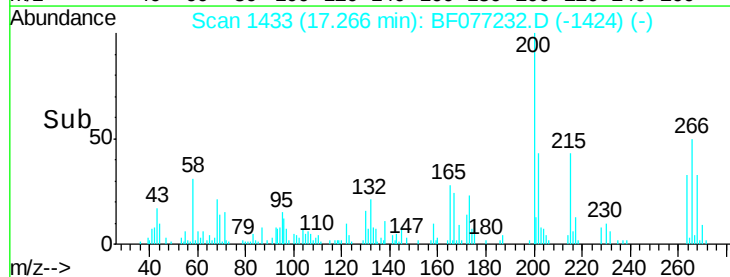
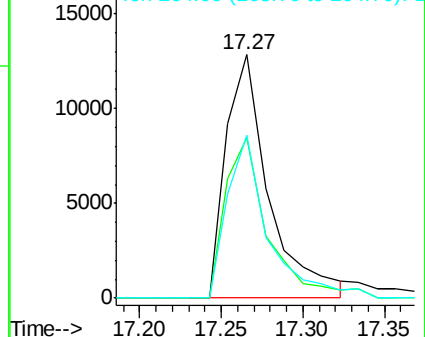
264 67.1 49.5 74.3

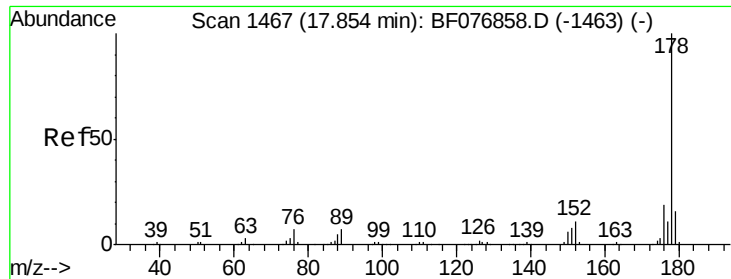


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 29.47 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

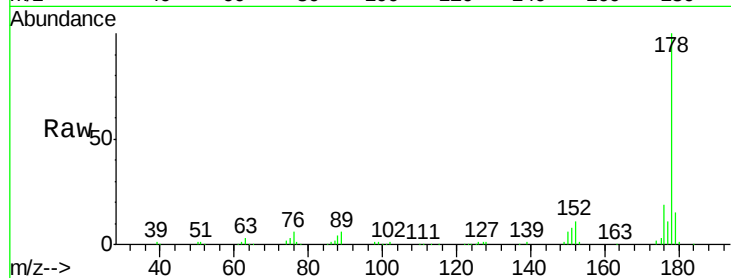
Tgt Ion:178 Resp: 205619

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

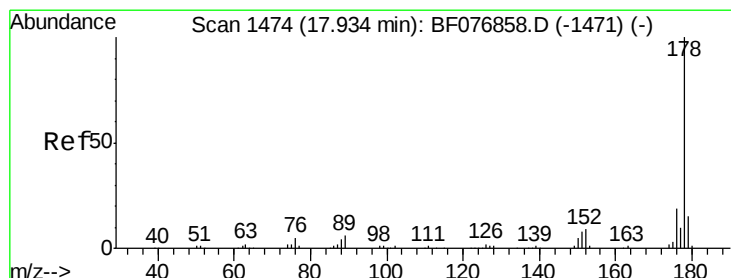
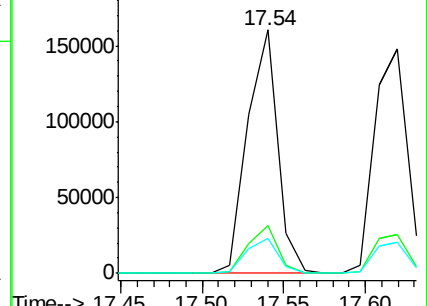
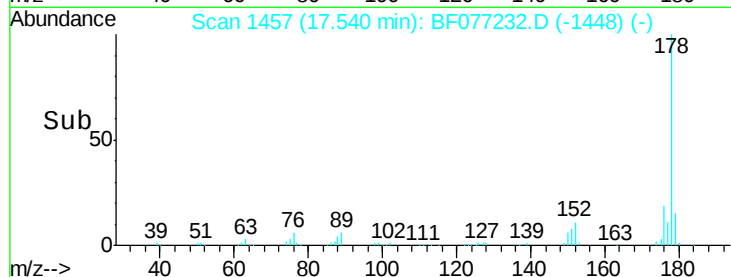
179 14.6 12.7 19.1



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



#71

Anthracene

Concen: 31.04 ng

RT: 17.62 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

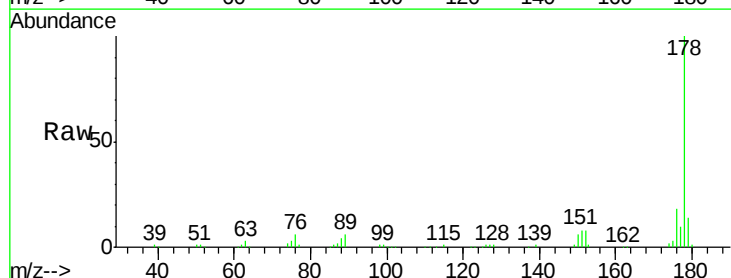
Tgt Ion:178 Resp: 211227

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.0

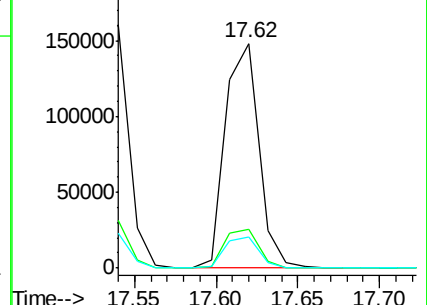
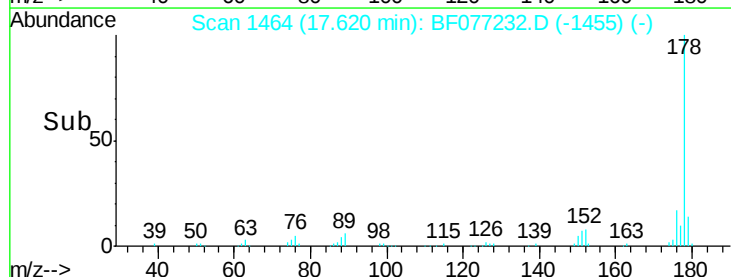
179 13.8 11.9 17.9

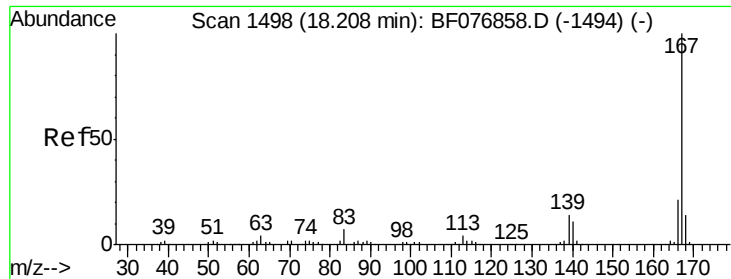


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

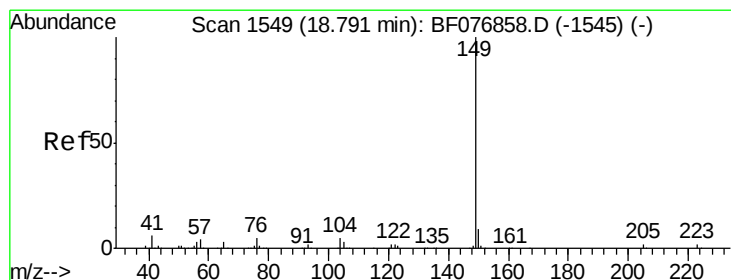
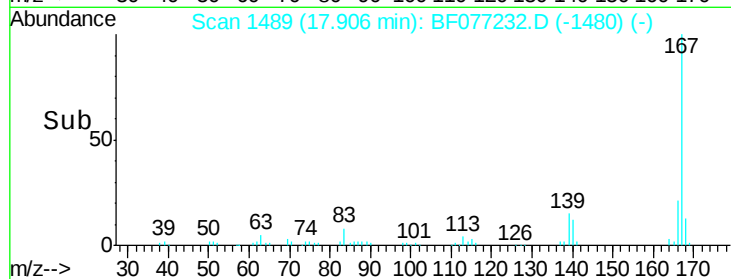
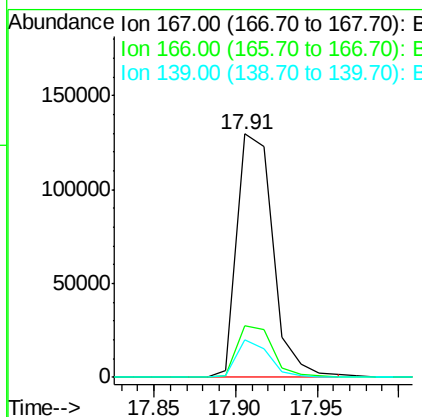
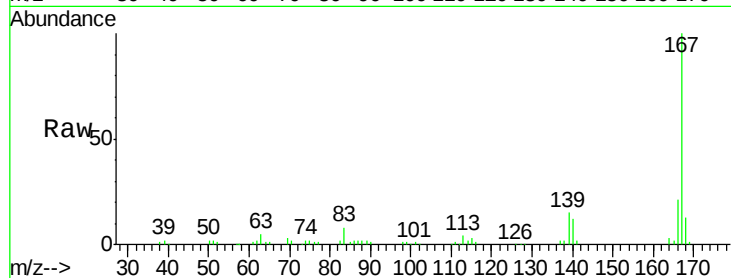




#72
 Carbazole
 Concen: 29.96 ng
 RT: 17.91 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

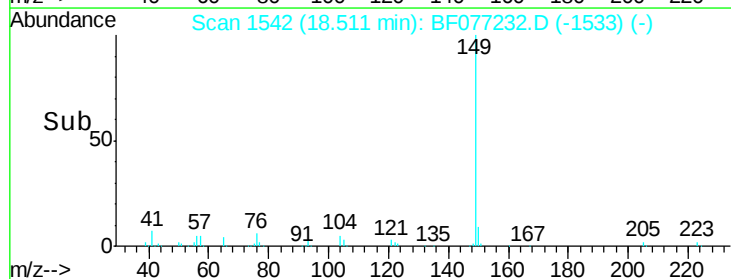
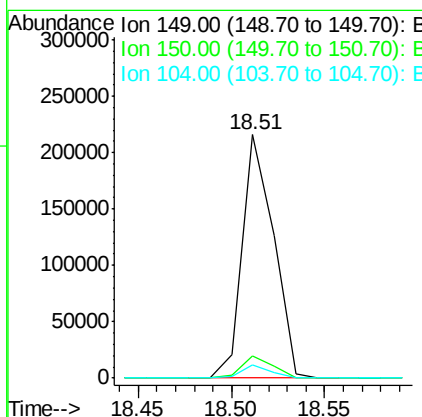
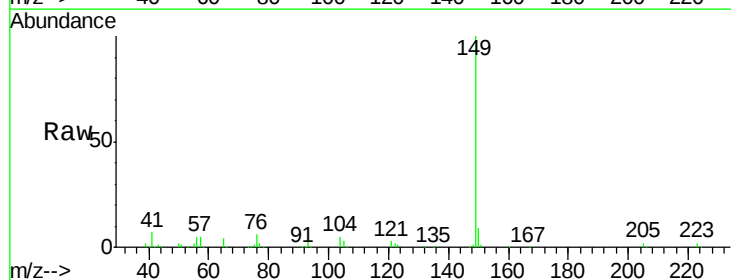
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

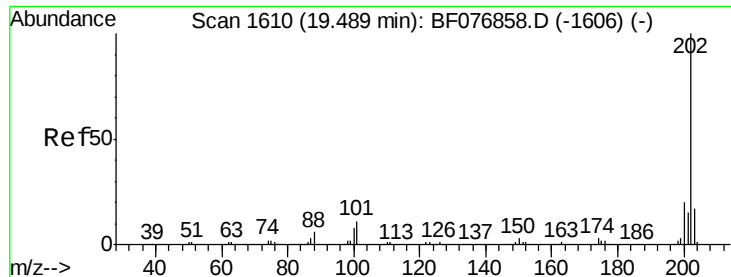
Tgt Ion:167 Resp: 197726
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 15.3 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 32.96 ng
 RT: 18.51 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion:149 Resp: 251777
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.9 10.3
 104 5.4 3.7 5.5

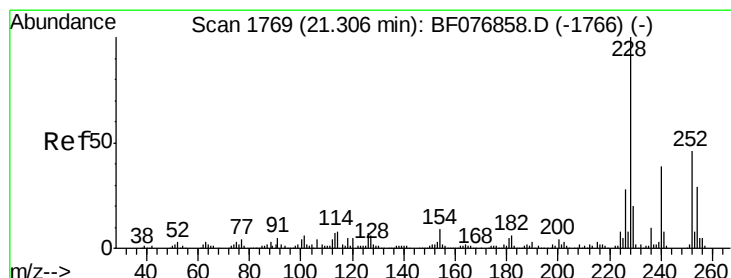
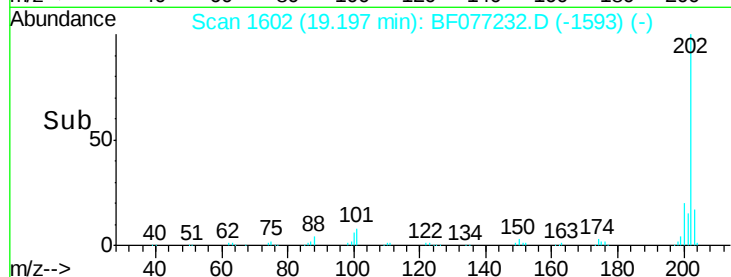
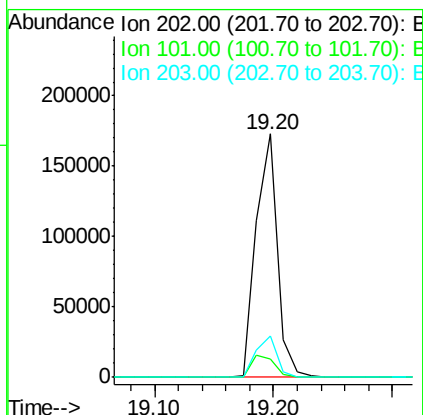
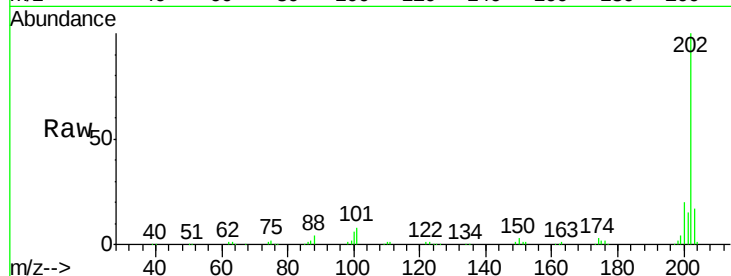




#74
 Fluoranthene
 Concen: 30.57 ng
 RT: 19.20 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

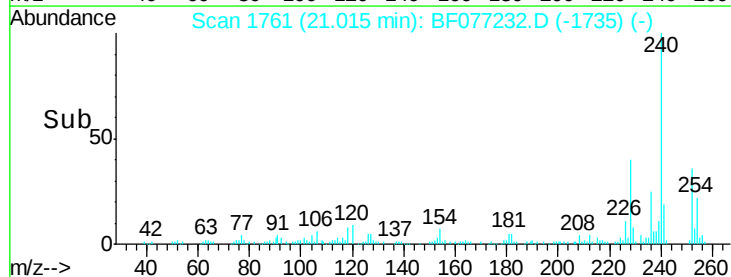
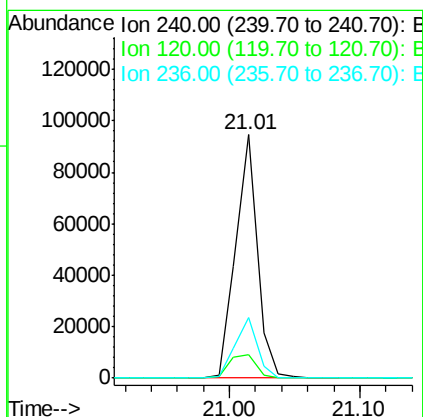
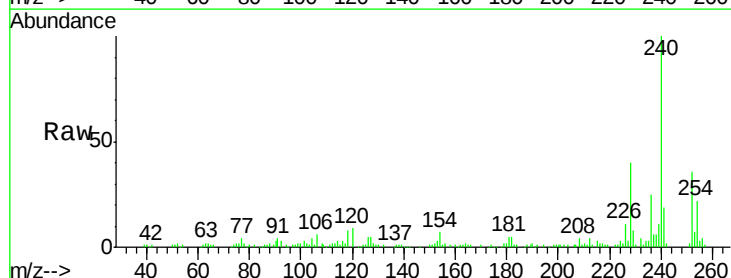
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

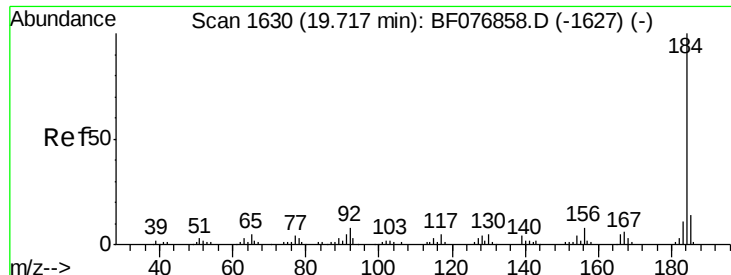
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.7
203	16.7	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.01 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.4	15.6#
236	25.1	20.2	30.2





#76

Benzidine

Concen: 23.26 ng

RT: 19.45 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

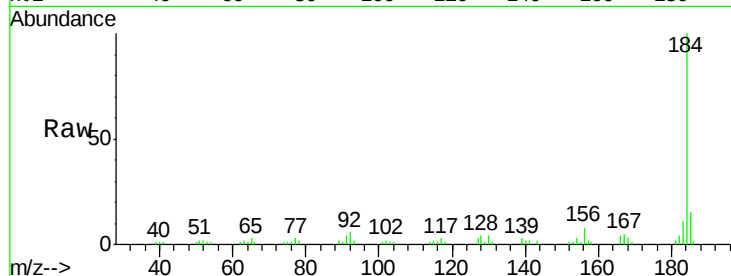
Tgt Ion:184 Resp: 81136

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

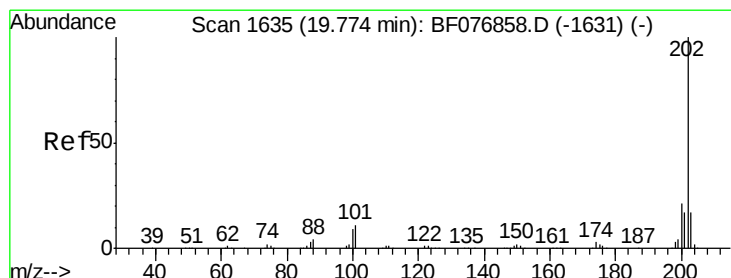
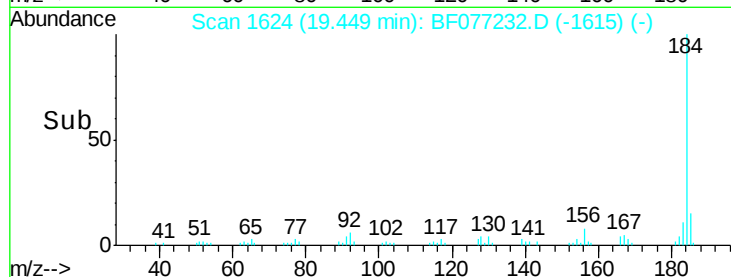
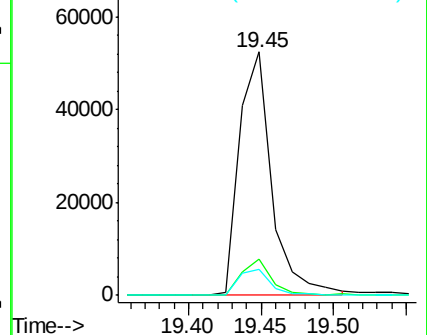
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 29.84 ng

RT: 19.47 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

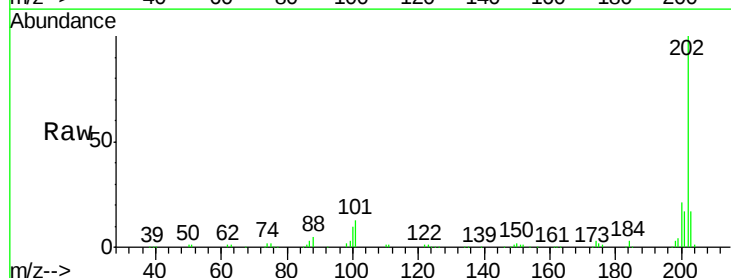
Tgt Ion:202 Resp: 222898

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

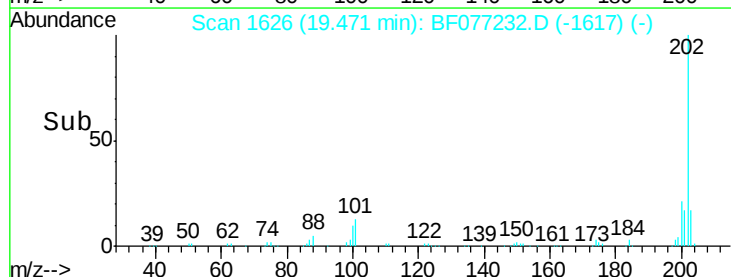
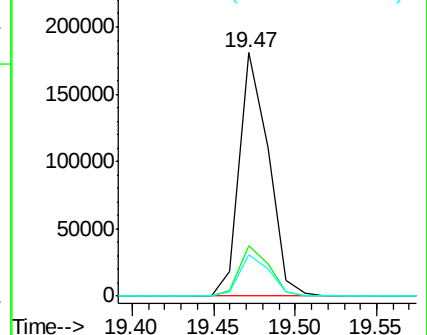
203 17.1 14.0 21.0

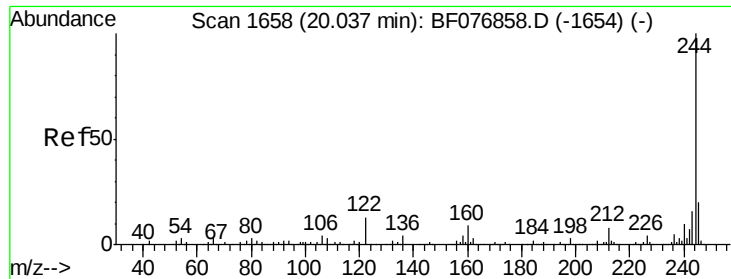


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.61 ng

RT: 19.76 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

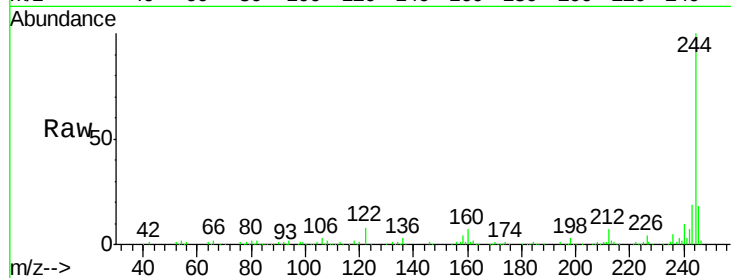
Tgt Ion:244 Resp: 357962

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

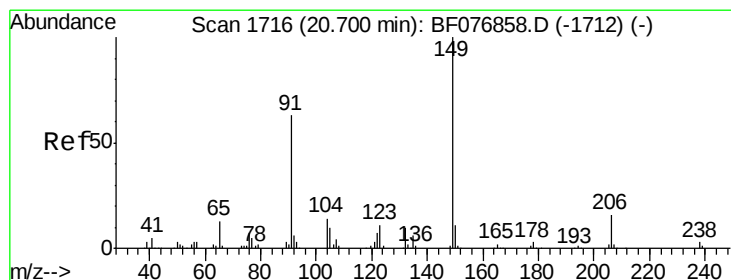
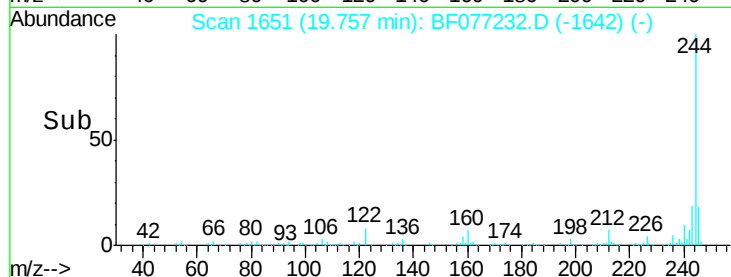
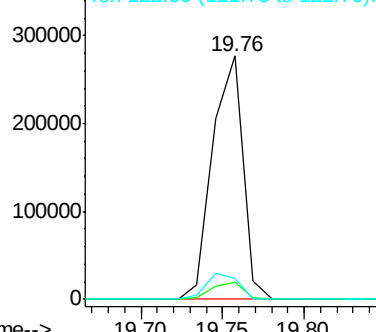
122 8.4 10.1 15.1#



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: 32.98 ng

RT: 20.42 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

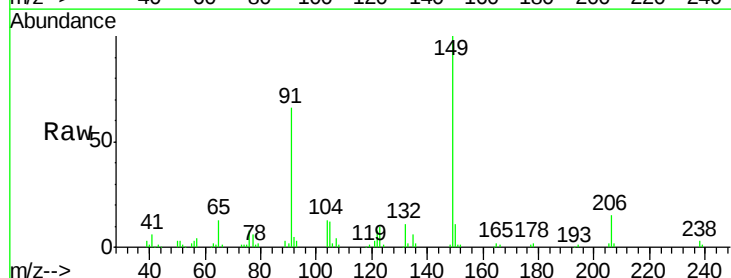
Tgt Ion:149 Resp: 111577

Ion Ratio Lower Upper

149 100

91 66.5 50.6 76.0

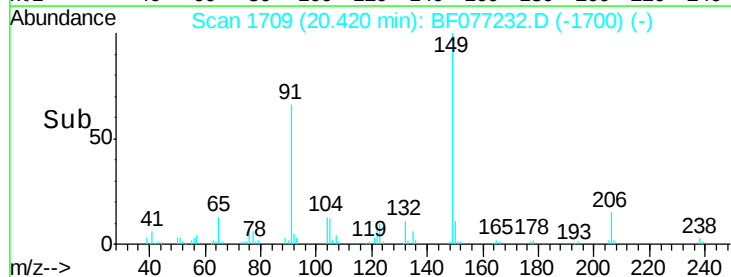
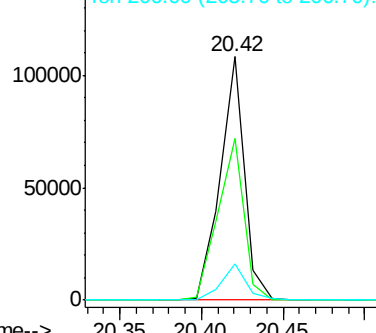
206 14.8 12.8 19.2

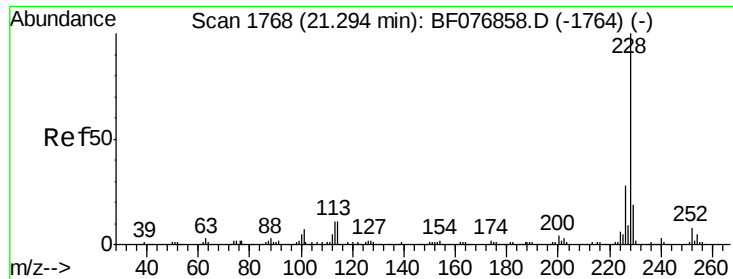


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

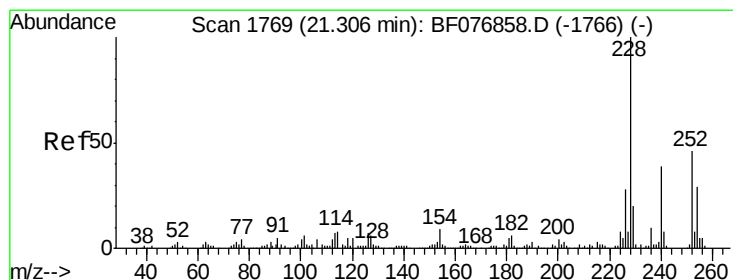
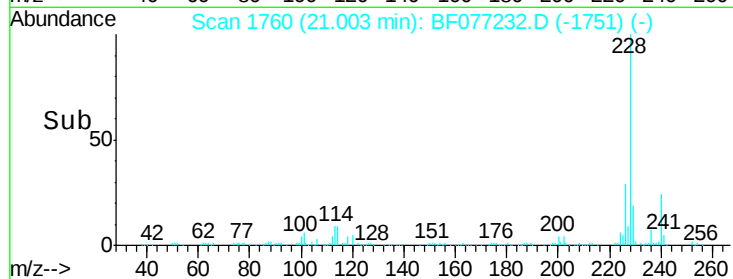
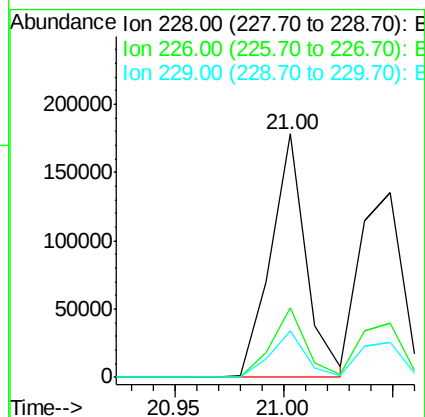
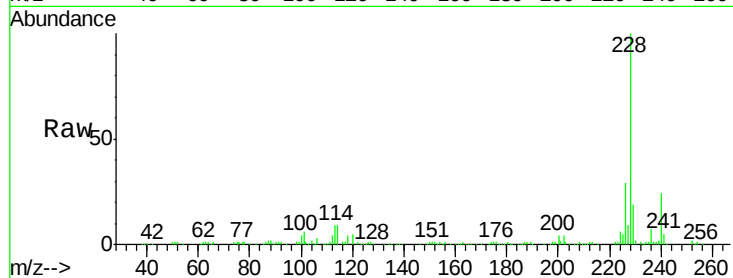




#80
Benzo(a)anthracene
Concen: 29.53 ng
RT: 21.00 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

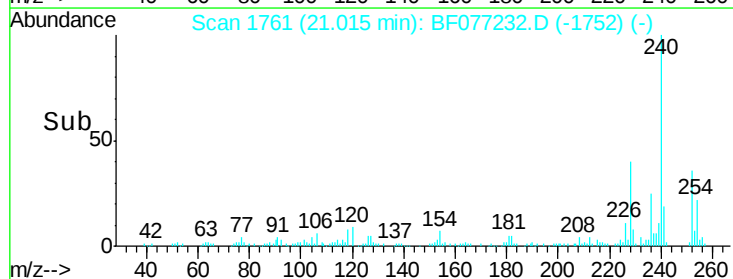
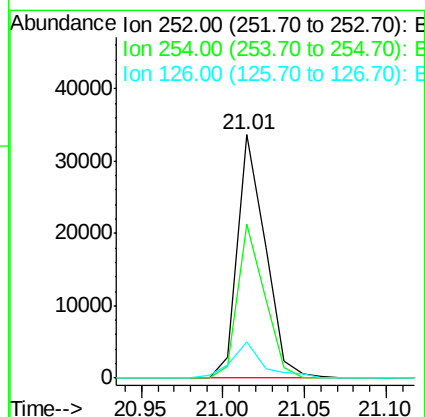
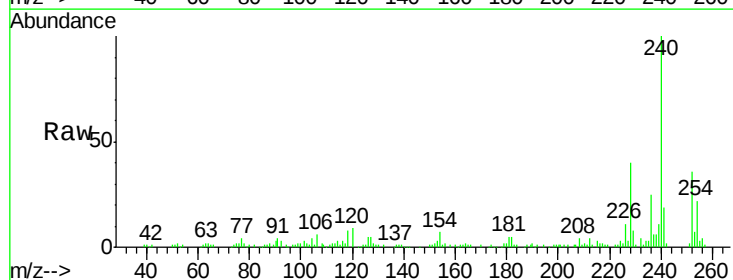
Instrument :
BNA_F
ClientSampleId :
PB81636BS

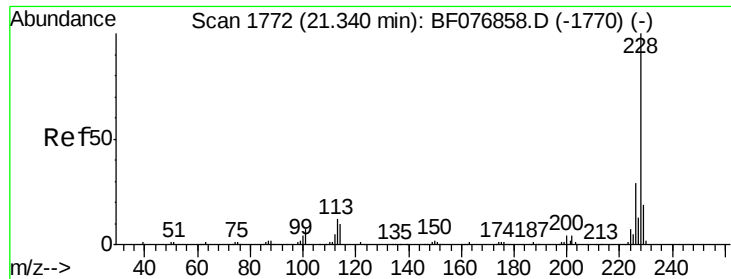
Tgt Ion:228 Resp: 201963
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 19.2 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 18.25 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:252 Resp: 39662
Ion Ratio Lower Upper
252 100
254 63.0 50.2 75.4
126 15.1 11.5 17.3





#82

Chrysene

Concen: 29.60 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

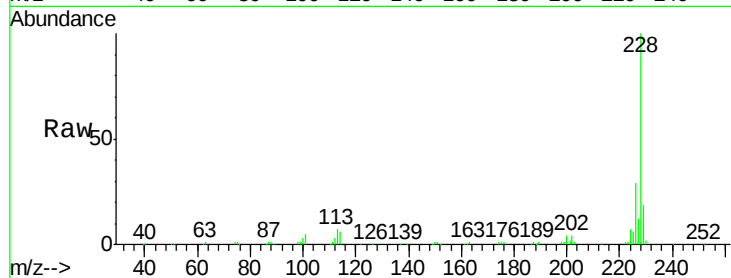
Tgt Ion:228 Resp: 184613

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

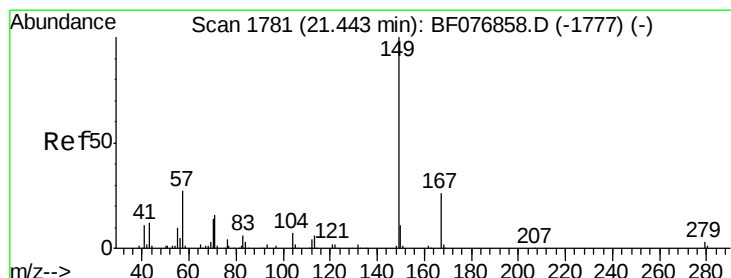
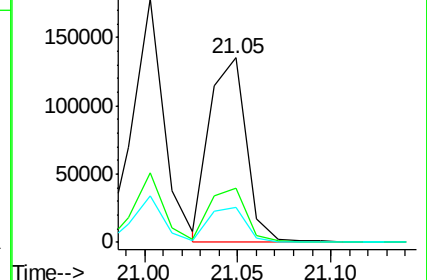
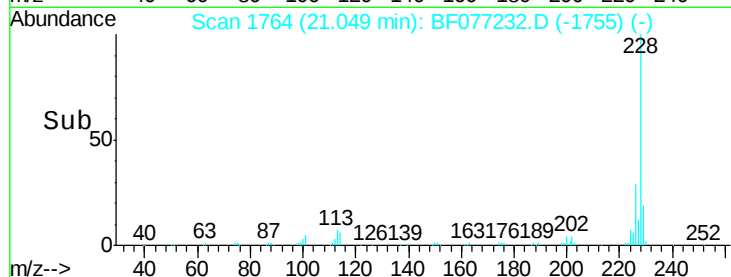
229 19.0 15.4 23.0



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: 34.88 ng

RT: 21.16 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

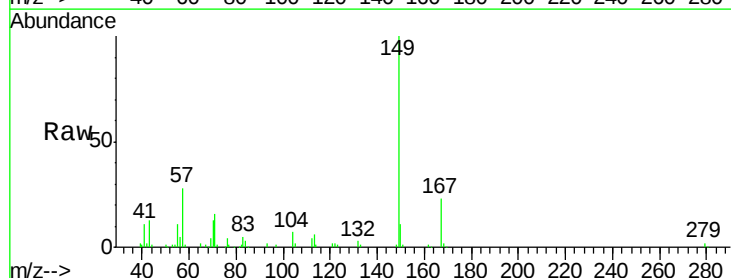
Tgt Ion:149 Resp: 163261

Ion Ratio Lower Upper

149 100

167 23.4 20.6 30.8

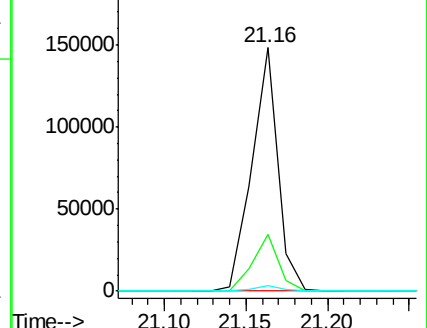
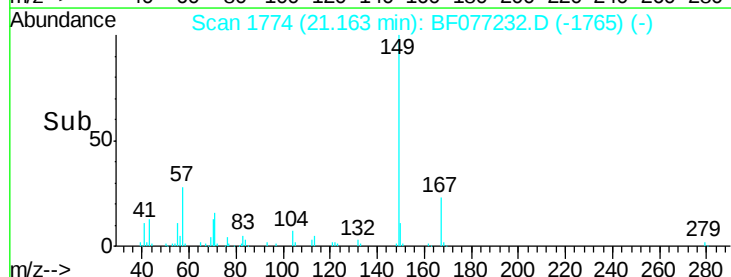
279 2.5 2.2 3.2

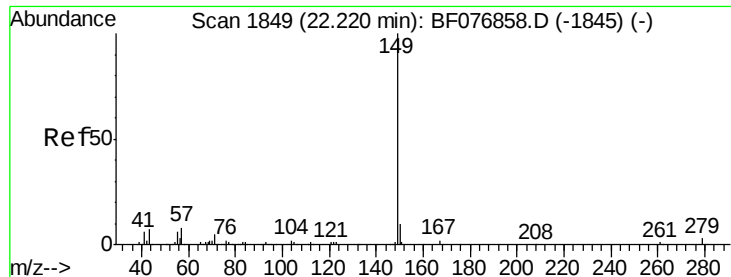


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 35.29 ng

RT: 21.92 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB81636BS

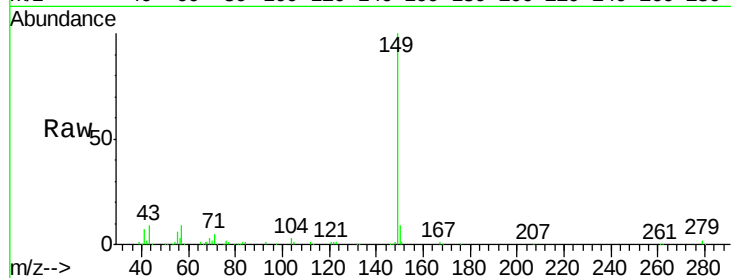
Tgt Ion:149 Resp: 286722

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

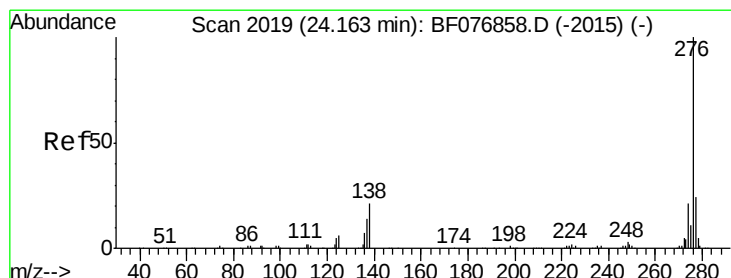
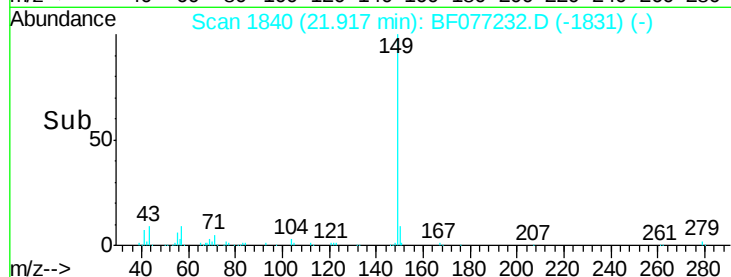
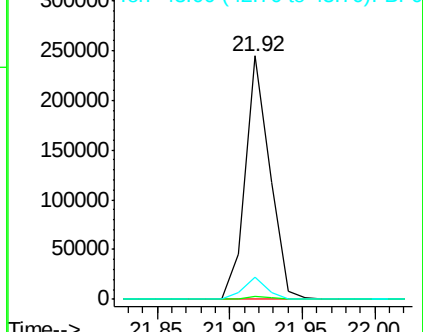
43 8.9 6.6 10.0



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: 29.12 ng

RT: 23.70 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF077232.D

Acq: 9 Feb 2015 19:32

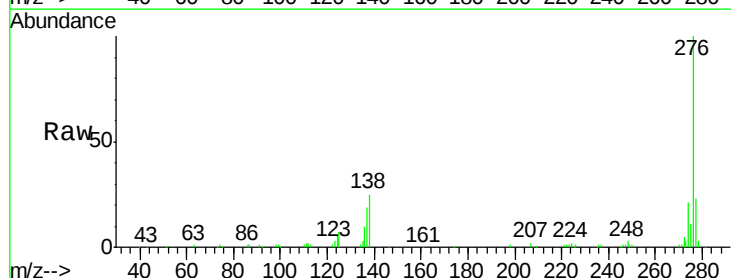
Tgt Ion:276 Resp: 192463

Ion Ratio Lower Upper

276 100

138 27.8 14.6 22.0#

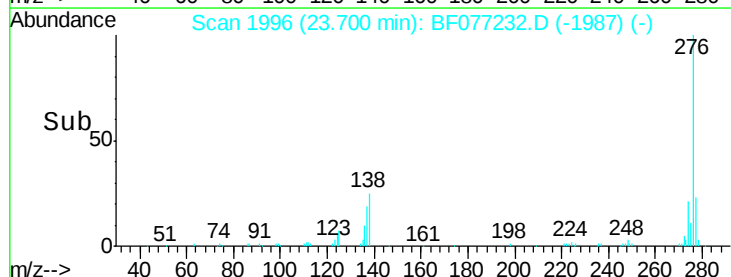
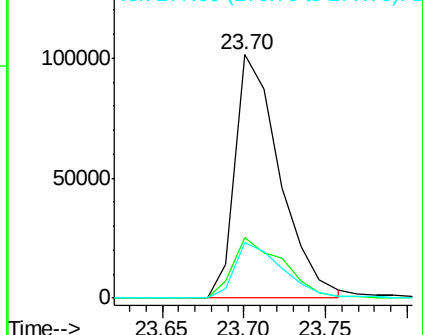
277 24.2 14.8 22.2#

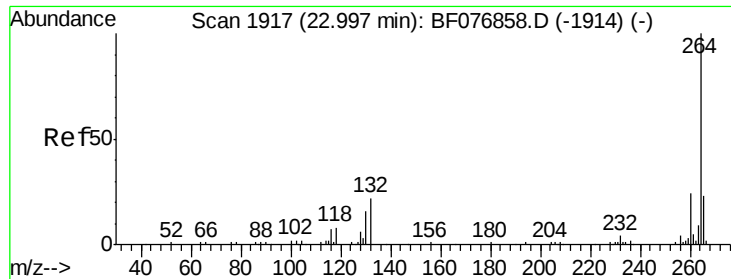


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

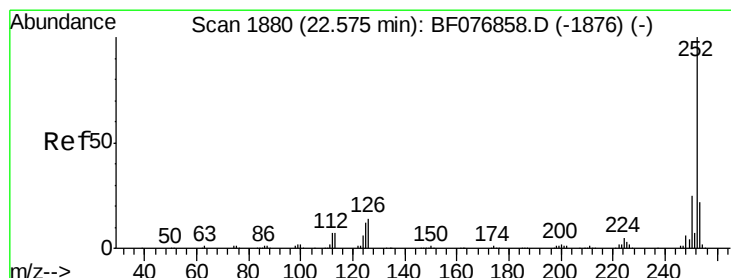
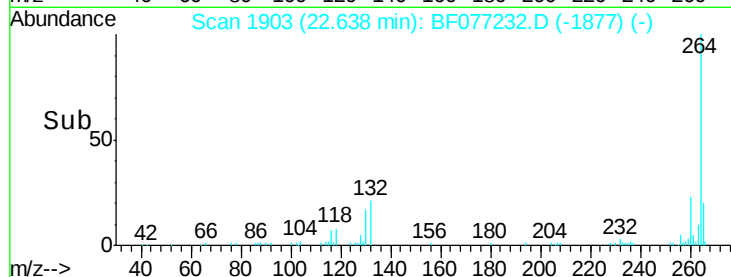
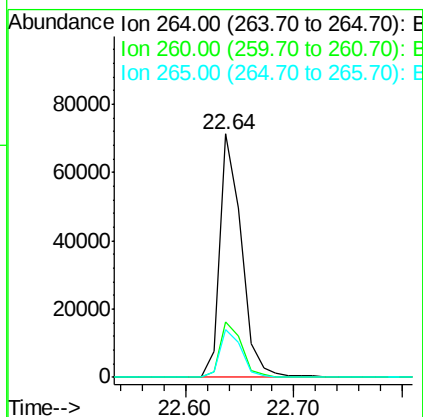
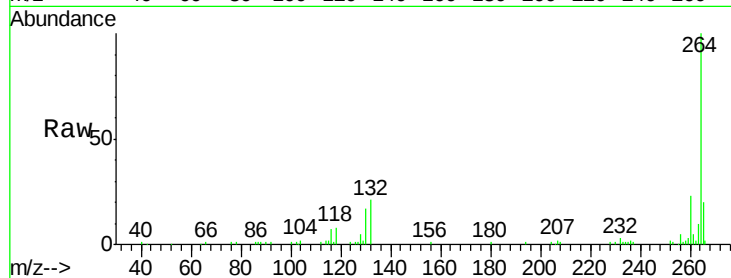




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.64 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

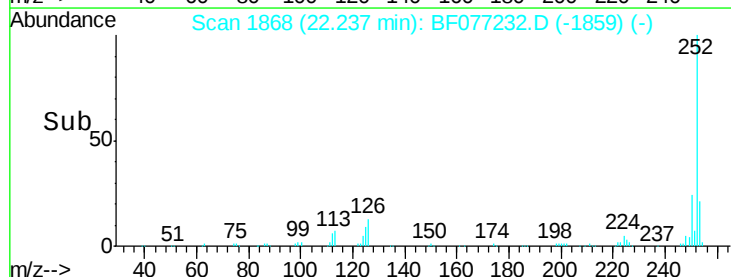
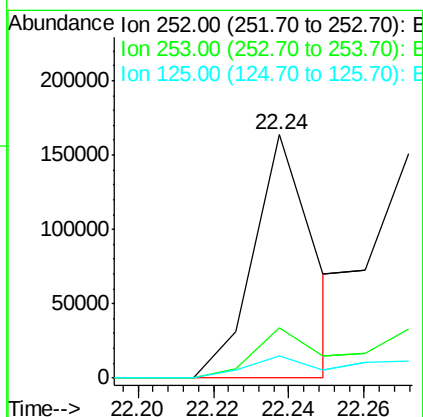
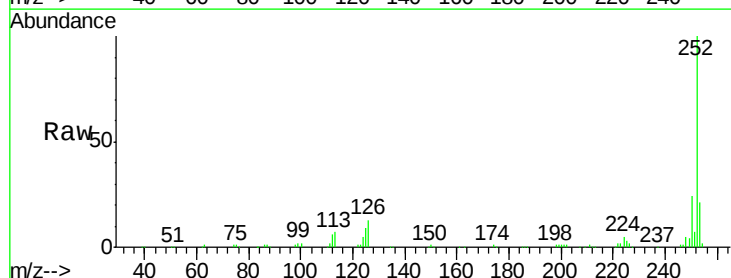
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

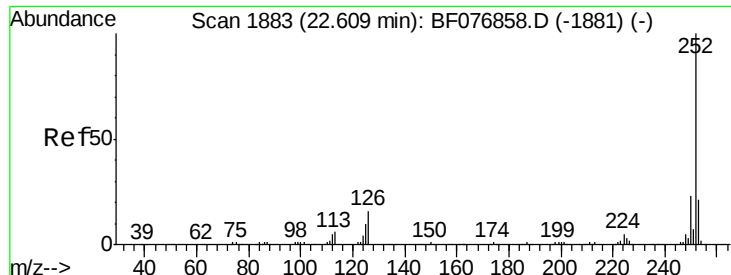
Tgt Ion: 264 Resp: 98580
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 19.6 18.1 27.1



#87
 Benzo(b)fluoranthene
 Concen: 27.41 ng m
 RT: 22.24 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF077232.D
 Acq: 9 Feb 2015 19:32

Tgt Ion: 252 Resp: 181988
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.5 26.3
 125 9.4 9.4 14.0

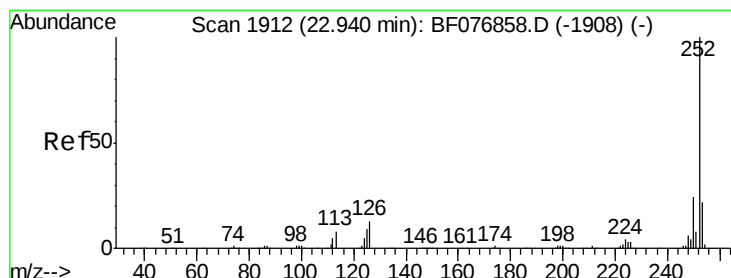
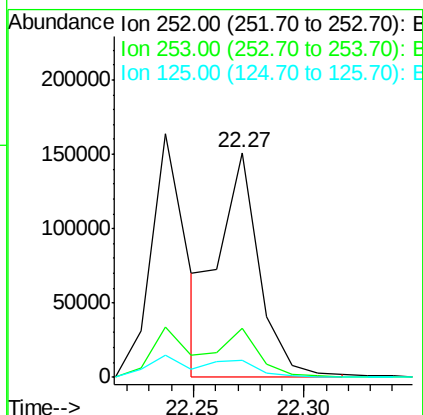
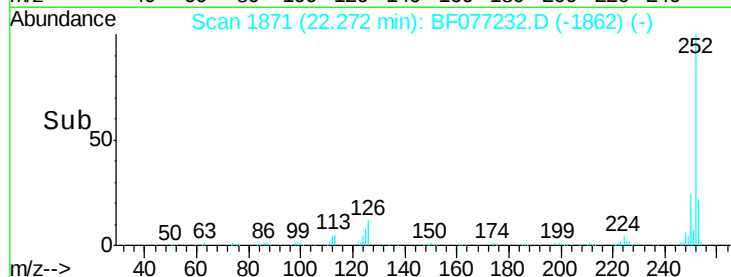
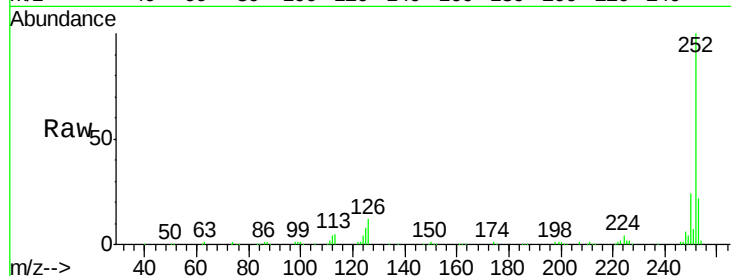




#88
Benzo(k)fluoranthene
Concen: 32.89 ng m
RT: 22.27 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

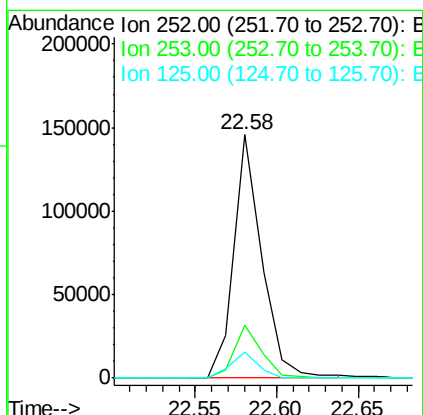
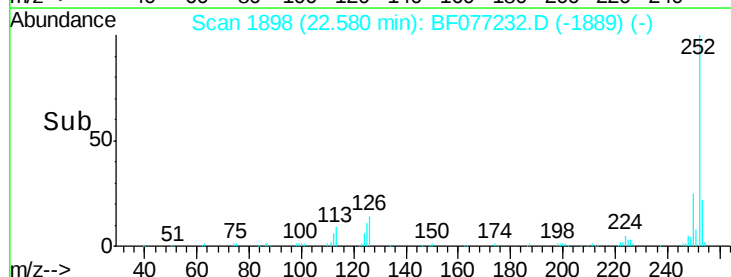
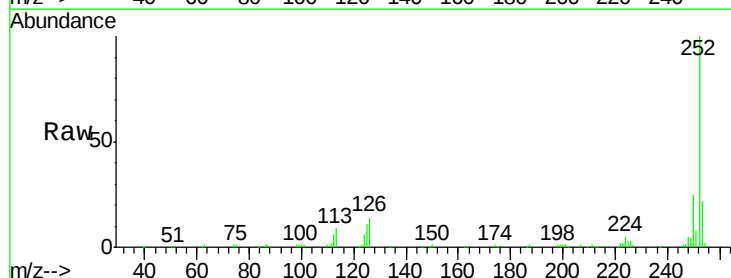
Instrument :
BNA_F
ClientSampleId :
PB81636BS

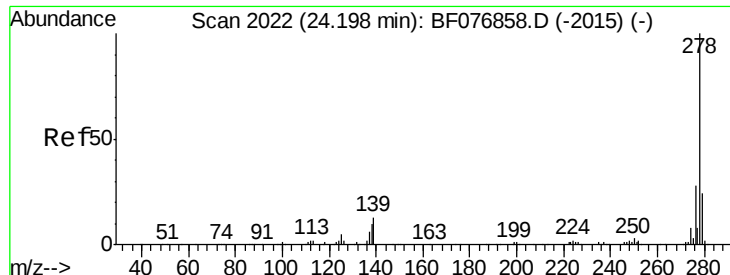
Tgt Ion:252 Resp: 190804
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 7.7 7.1 10.7



#89
Benzo(a)pyrene
Concen: 29.53 ng
RT: 22.58 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:252 Resp: 172970
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.7 7.2 10.8

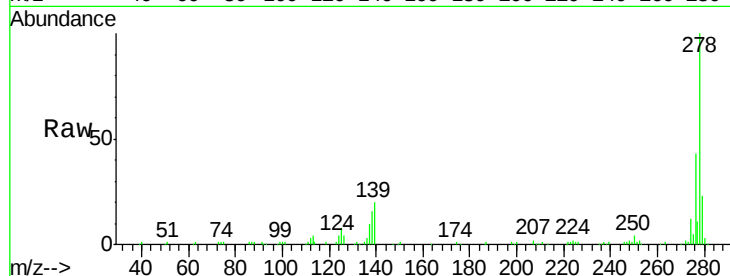




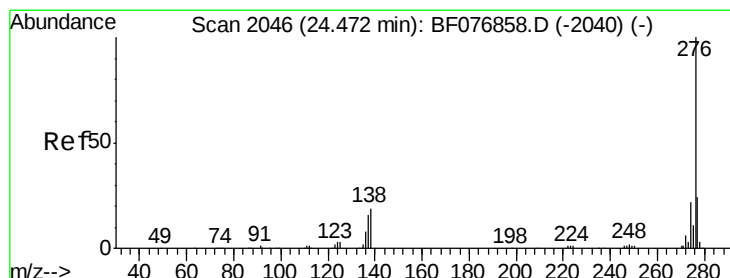
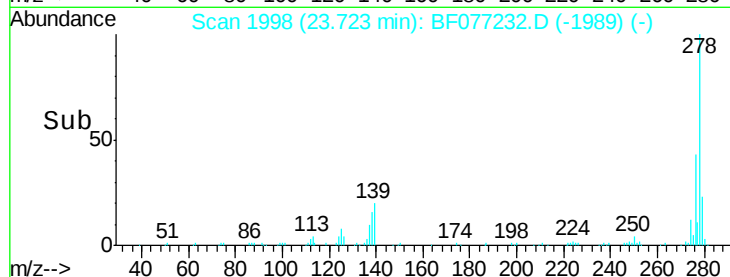
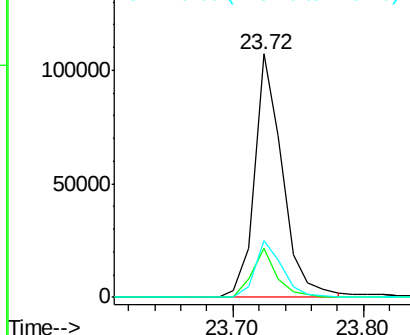
#90
Dibenzo(a,h)anthracene
Concen: 29.91 ng
RT: 23.72 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:278 Resp: 160752
Ion Ratio Lower Upper
278 100
139 20.0 10.5 15.7#
279 23.3 19.3 28.9

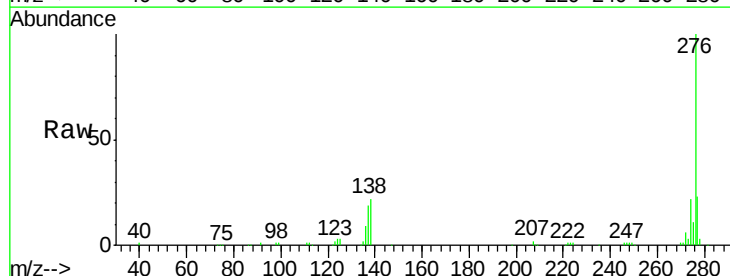


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 30.78 ng
RT: 23.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF077232.D
Acq: 9 Feb 2015 19:32

Tgt Ion:276 Resp: 164445
Ion Ratio Lower Upper
276 100
277 23.3 19.5 29.3
138 21.8 15.0 22.6



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

