

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
 Data File : BF077236.D
 Acq On : 10 Feb 2015 14:14
 Operator : TP/IZ
 Sample : PB81636BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Quant Time: Feb 11 04:03:39 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 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	27246	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	119463	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	69083	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	116153	20.00	ng	0.00
75) Chrysene-d12	21.01	240	112534	20.00	ng	0.00
86) Perylene-d12	22.67	264	93468	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.60	112	193123	116.54	ng	0.01
7) Phenol-d6	7.01	99	240969	115.27	ng	0.00
23) Nitrobenzene-d5	8.90	82	153610	71.24	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	58727	104.73	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	321471	70.82	ng	0.00
78) Terphenyl-d14	19.76	244	357490	73.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.07	88	20750	29.24	ng	91
3) Pyridine	1.50	79	51930	28.28	ng	91
4) n-Nitrosodimethylamine	1.46	42	33598	36.94	ng	98
6) Aniline	6.89	93	48824	16.88	ng	99
8) 2-Chlorophenol	7.13	128	69450	36.35	ng	97
10) Phenol	7.04	94	77335	34.84	ng	90
11) bis(2-Chloroethyl)ether	7.14	93	66320	38.18	ng	# 86
12) 1,3-Dichlorobenzene	7.44	146	74384	34.22	ng	98
13) 1,4-Dichlorobenzene	7.63	146	75115	32.59	ng	98
14) 1,2-Dichlorobenzene	7.94	146	73222	34.48	ng	97
15) Benzyl Alcohol	8.05	79	59498	35.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	88443	37.88	ng	84
17) 2-Methylphenol	8.41	107	52921	33.90	ng	98
18) Hexachloroethane	8.68	117	29463	36.75	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	51870	35.45	ng	98
20) 3+4-Methylphenols	8.80	107	61255	29.63	ng	95
22) Acetophenone	8.60	105	103508	35.37	ng	96
24) Nitrobenzene	8.94	77	73418	33.42	ng	97
25) Isophorone	9.55	82	134203	34.17	ng	97
26) 2-Nitrophenol	9.69	139	31819	29.01	ng	# 82
27) 2,4-Dimethylphenol	9.98	122	59672	35.13	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	84914	38.04	ng	95
29) 2,4-Dichlorophenol	10.30	162	50809	32.09	ng	95
30) 1,2,4-Trichlorobenzene	10.42	180	62448	35.51	ng	99
31) Naphthalene	10.54	128	208476	33.90	ng	99
32) Benzoic acid	10.40	122	8000	8.50	ng	91
33) 4-Chloroaniline	10.82	127	45236	18.20	ng	97
34) Hexachlorobutadiene	10.92	225	34128	32.71	ng	90
35) Caprolactam	11.66	113	12038	25.83	ng	# 82
36) 4-Chloro-3-methylphenol	12.12	107	59397	32.77	ng	96
37) 2-Methylnaphthalene	12.20	142	147471	35.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	58697	34.37	ng	98
40) Hexachlorocyclopentadiene	12.59	237	57094	63.12	ng	98
42) 2,4,6-Trichlorophenol	12.97	196	35439	28.48	ng	95

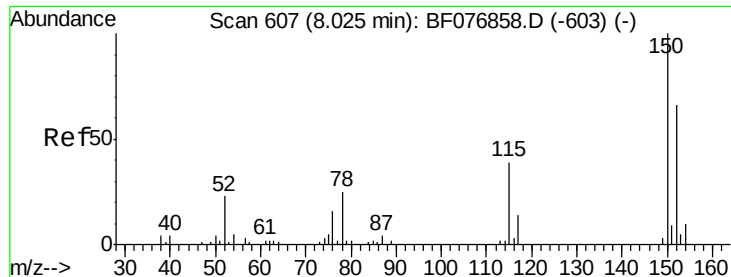
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
 Data File : BF077236.D
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 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	30008	23.64	ng	# 89
45) 1,1'-Biphenyl	13.36	154	174466	34.07	ng	99
46) 2-Chloronaphthalene	13.33	162	138813	32.94	ng	98
47) 2-Nitroaniline	13.69	65	45359	35.48	ng	99
48) Acenaphthylene	14.27	152	231753	32.60	ng	99
49) Dimethylphthalate	14.24	163	179560	36.65	ng	98
50) 2,6-Dinitrotoluene	14.33	165	36190	36.97	ng	# 84
51) Acenaphthene	14.69	154	129081	32.00	ng	96
52) 3-Nitroaniline	14.68	138	27254	22.33	ng	86
53) 2,4-Dinitrophenol	14.98	184	19211	47.43	ng	# 87
54) Dibenzofuran	15.13	168	205449	34.97	ng	99
55) 4-Nitrophenol	15.30	139	40035	52.13	ng	98
56) 2,4-Dinitrotoluene	15.28	165	49948	34.65	ng	95
57) Fluorene	15.89	166	169091	33.97	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	25194	27.26	ng	# 84
59) Diethylphthalate	15.91	149	186539	37.67	ng	99
60) 4-Chlorophenyl-phenylether	16.00	204	74453	36.56	ng	90
61) 4-Nitroaniline	16.07	138	34597	28.63	ng	98
62) Azobenzene	16.29	77	185516	35.96	ng	98
64) 4,6-Dinitro-2-methylphenol	16.13	198	21533	30.17	ng	# 70
65) n-Nitrosodiphenylamine	16.25	169	143383	34.62	ng	97
66) 4-Bromophenyl-phenylether	16.87	248	43044	36.58	ng	96
67) Hexachlorobenzene	16.88	284	43366	34.97	ng	# 81
68) Atrazine	17.27	200	48708	38.76	ng	96
69) Pentachlorophenol	17.27	266	25028	47.11	ng	98
70) Phenanthrene	17.54	178	247930	34.23	ng	99
71) Anthracene	17.62	178	248072	35.12	ng	98
72) Carbazole	17.92	167	234485	34.23	ng	98
73) Di-n-butylphthalate	18.51	149	307295	38.75	ng	# 98
74) Fluoranthene	19.20	202	264673	35.66	ng	98
76) Benzidine	19.45	184	97449	27.06	ng	99
77) Pyrene	19.48	202	264010	34.23	ng	98
79) Butylbenzylphthalate	20.42	149	135159	38.70	ng	94
80) Benzo(a)anthracene	21.00	228	231658	32.81	ng	98
81) 3,3'-Dichlorobenzidine	21.03	252	50106	22.33	ng	# 96
82) Chrysene	21.05	228	224384	34.85	ng	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	190273	39.37	ng	# 97
84) Di-n-octyl phthalate	21.93	149	334714	39.91	ng	99
85) Indeno(1,2,3-cd)pyrene	23.78	276	160954	23.59	ng	# 88
87) Benzo(b)fluoranthene	22.26	252	228629	36.32	ng	# 95
88) Benzo(k)fluoranthene	22.26	252	228629	41.57	ng	# 98
89) Benzo(a)pyrene	22.60	252	198484	35.74	ng	# 96
90) Dibenzo(a,h)anthracene	23.80	278	171264	33.61	ng	# 95
91) Benzo(g,h,i)perylene	24.04	276	171475	33.85	ng	98

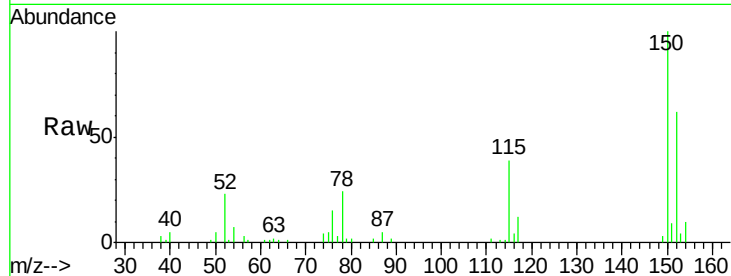
(#) = qualifier out of range (m) = manual integration (+) = signals summed



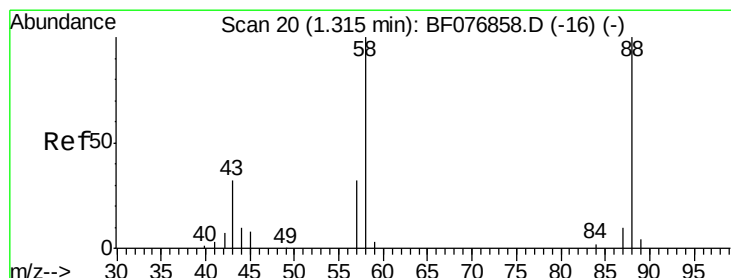
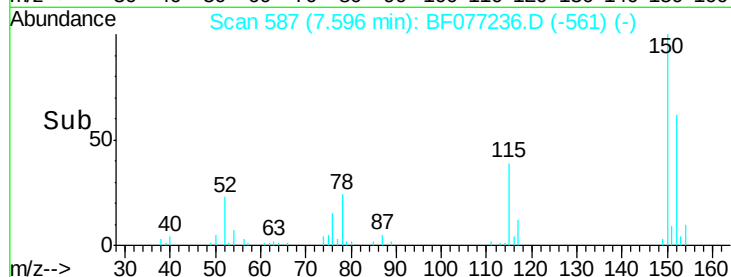
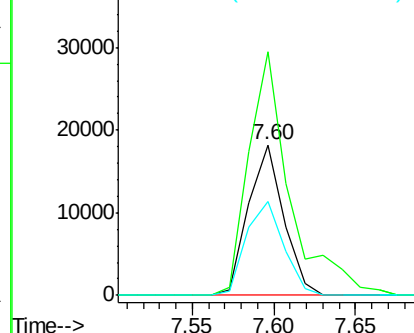
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.60 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion: 152 Resp: 27246
 Ion Ratio Lower Upper
 152 100
 150 161.9 121.7 182.5
 115 62.6 47.0 70.6

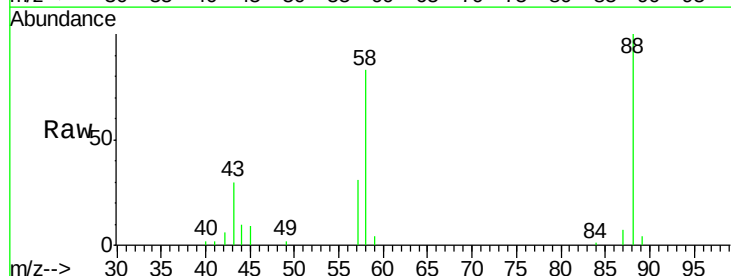


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

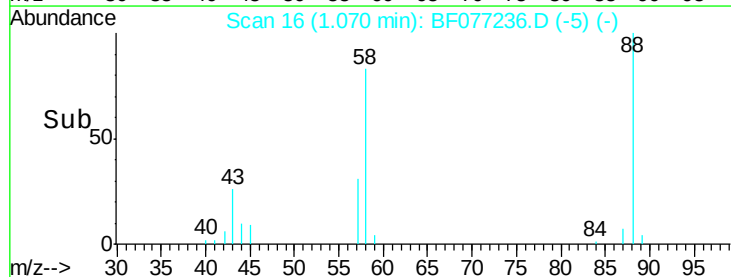
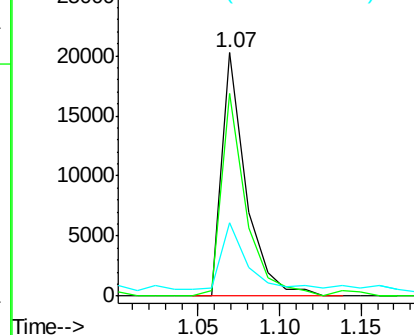


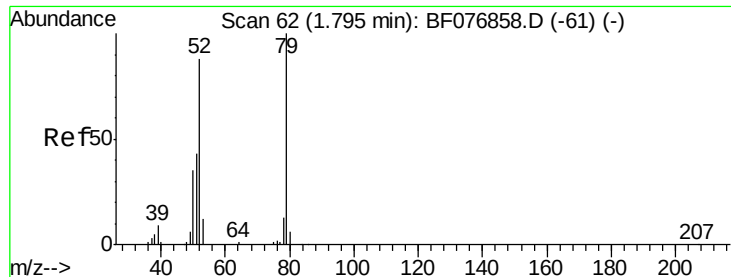
#2
 1,4-Dioxane
 Concen: 29.24 ng
 RT: 1.07 min Scan# 16
 Delta R.T. 0.02 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 88 Resp: 20750
 Ion Ratio Lower Upper
 88 100
 58 85.1 77.0 115.4
 43 30.0 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: 28.28 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

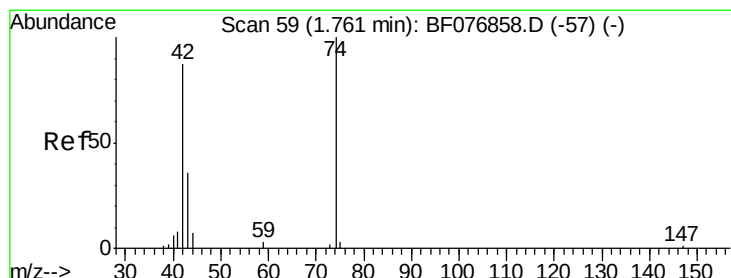
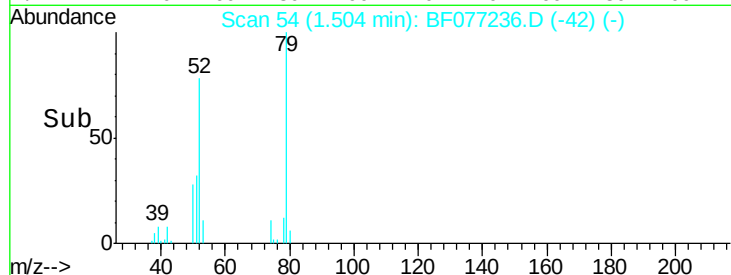
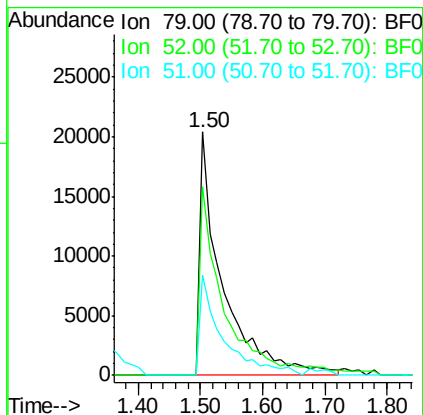
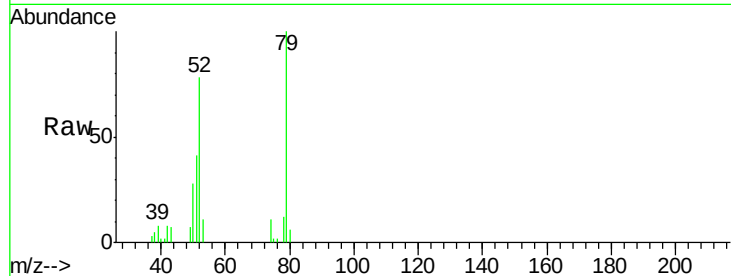
Tgt Ion: 79 Resp: 51930

Ion Ratio Lower Upper

79 100

52 77.7 70.1 105.1

51 40.9 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 36.94 ng

RT: 1.46 min Scan# 50

Delta R.T. 0.02 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

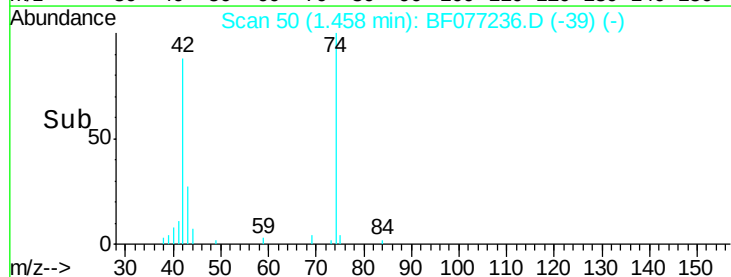
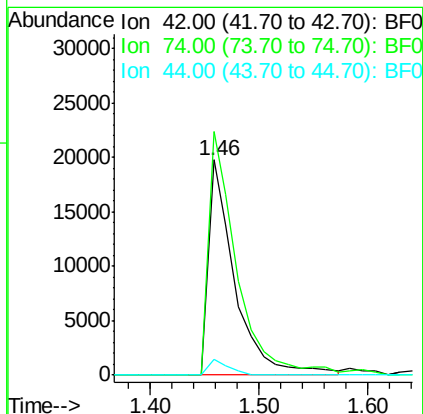
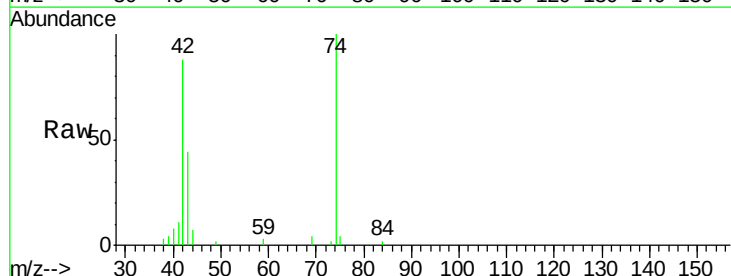
Tgt Ion: 42 Resp: 33598

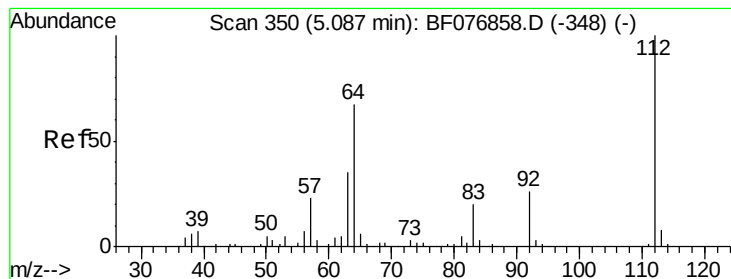
Ion Ratio Lower Upper

42 100

74 113.3 92.4 138.6

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 116.54 ng

RT: 4.60 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

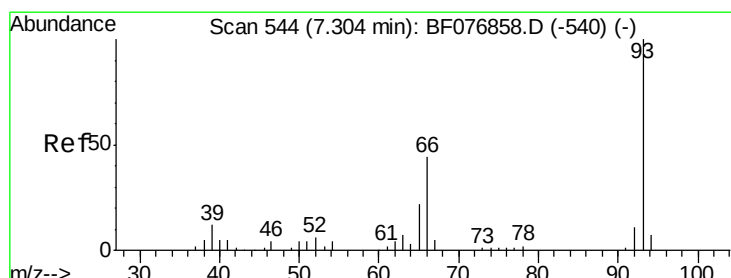
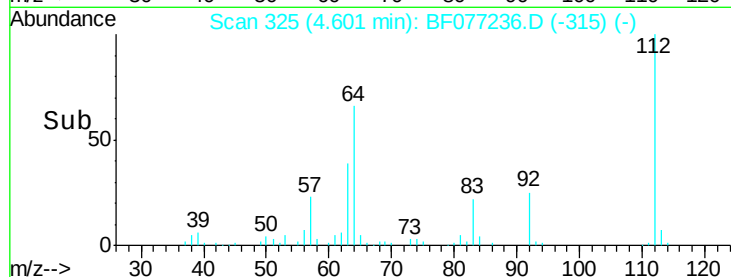
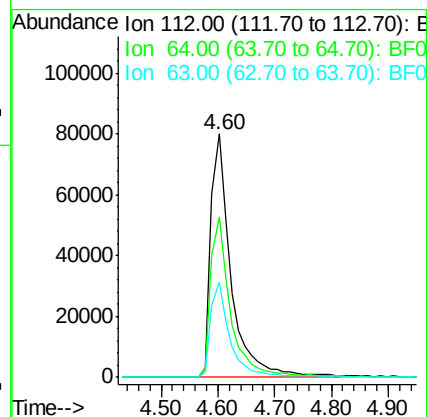
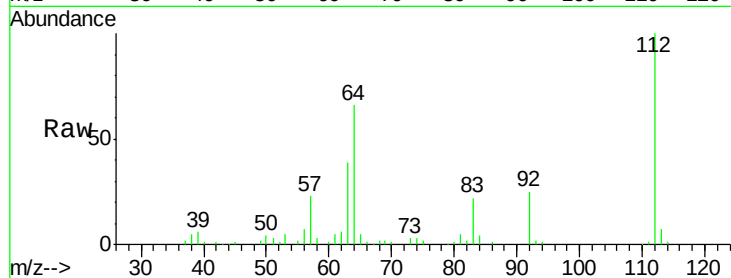
Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion:	112	Resp:	193123
Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.2	81.4
63	38.8	28.4	42.6



#6

Aniline

Concen: 16.88 ng

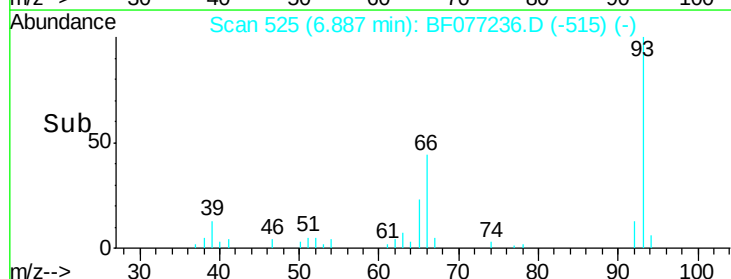
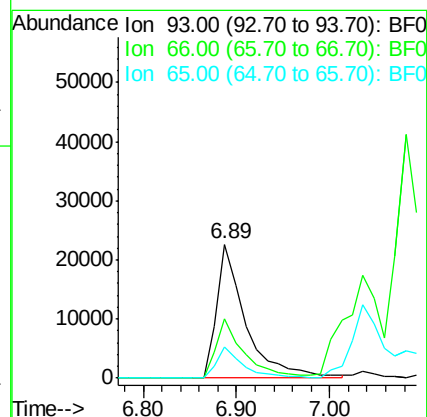
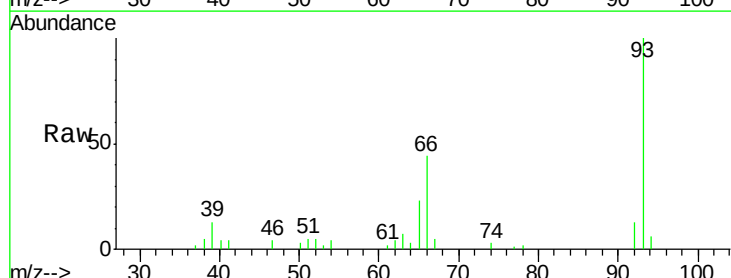
RT: 6.89 min Scan# 525

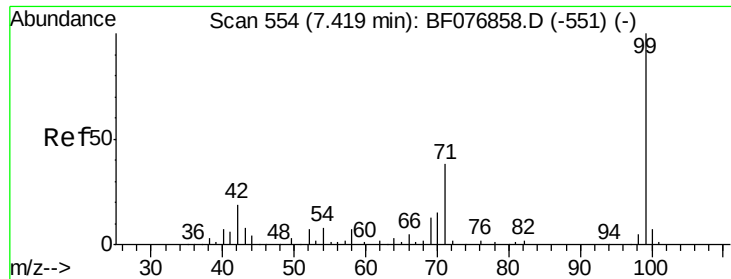
Delta R.T. 0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Tgt Ion:	93	Resp:	48824
Ion	Ratio	Lower	Upper
93	100		
66	44.0	35.0	52.4
65	23.0	17.7	26.5





#7

Phenol-d6

Concen: 115.27 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

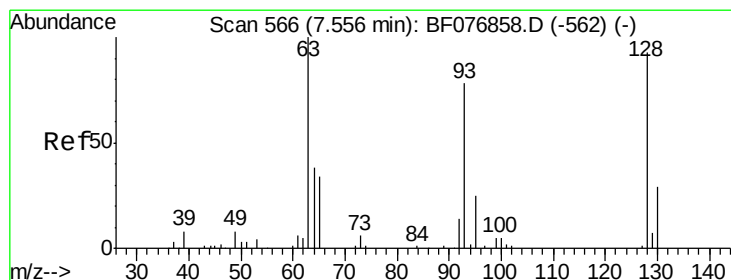
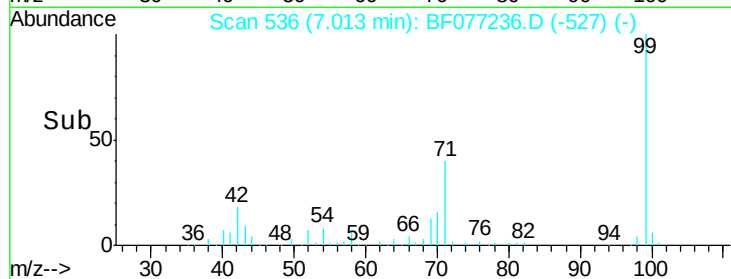
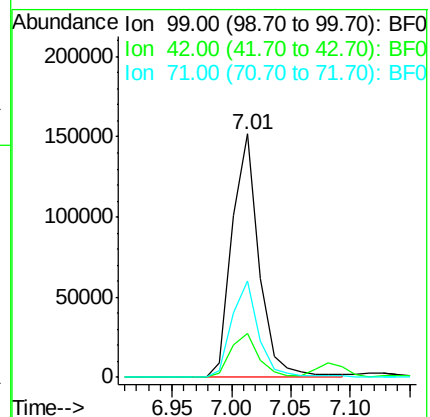
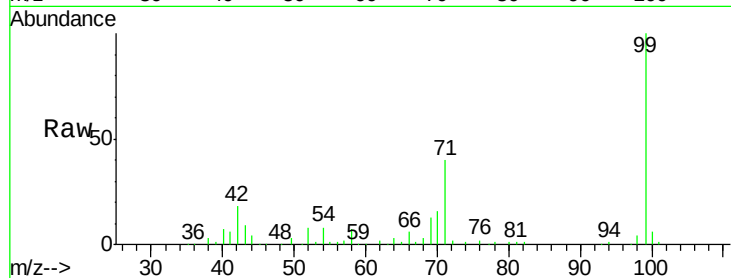
Tgt Ion: 99 Resp: 240969

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

71 39.9 30.5 45.7



#8

2-Chlorophenol

Concen: 36.35 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

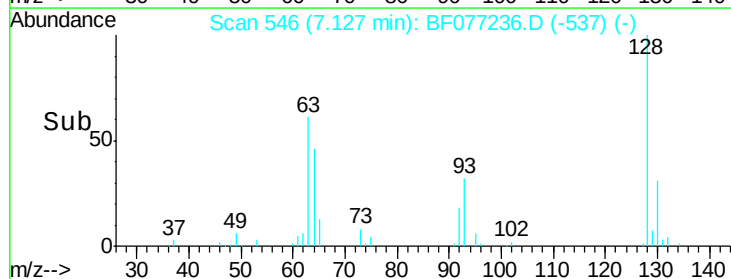
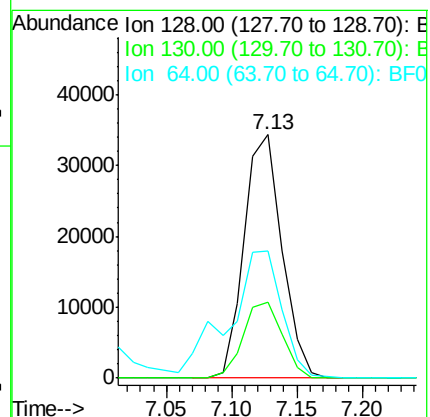
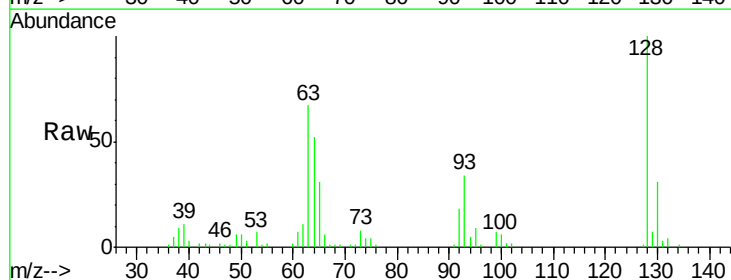
Tgt Ion: 128 Resp: 69450

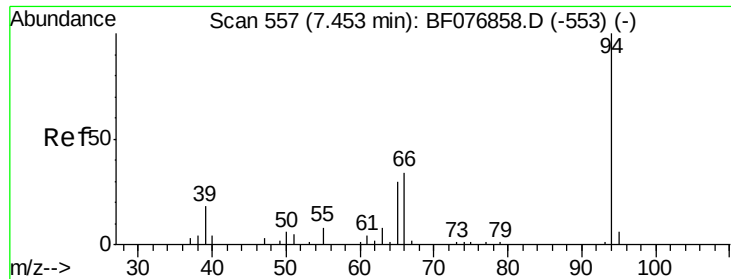
Ion Ratio Lower Upper

128 100

130 31.4 11.0 51.0

64 52.2 29.3 69.3





#10

Phenol

Concen: 34.84 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

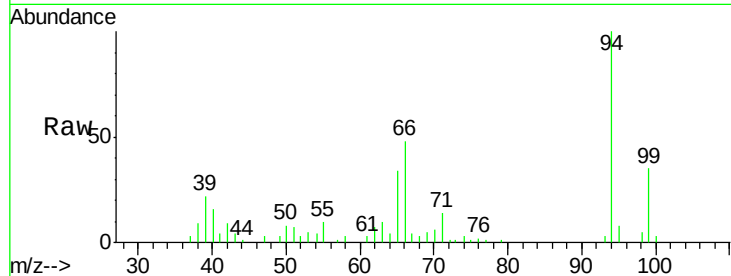
Tgt Ion: 94 Resp: 77335

Ion Ratio Lower Upper

94 100

65 33.9 11.3 51.3

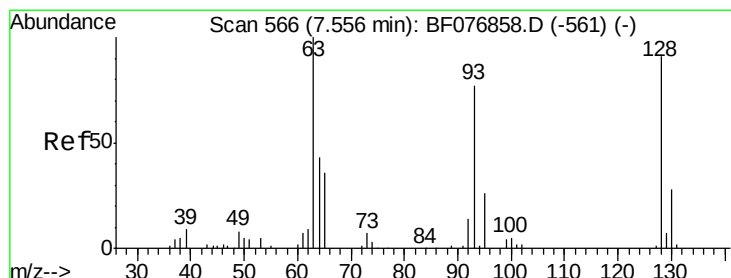
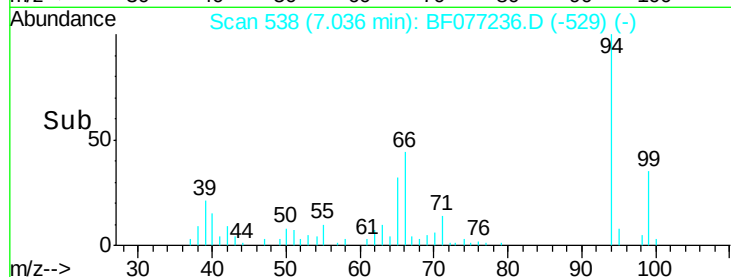
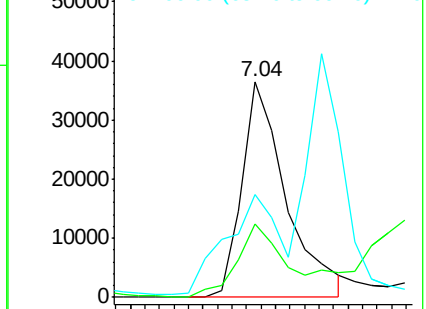
66 47.8 19.5 59.5



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: 38.18 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

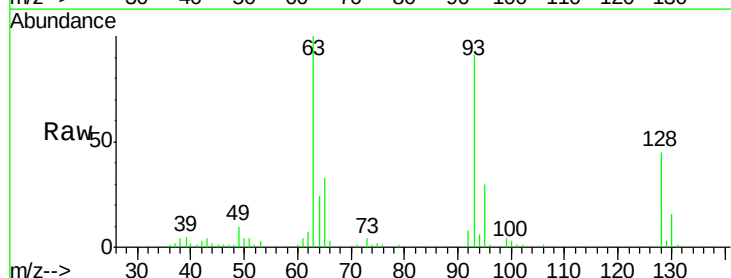
Tgt Ion: 93 Resp: 66320

Ion Ratio Lower Upper

93 100

63 110.4 111.3 151.3#

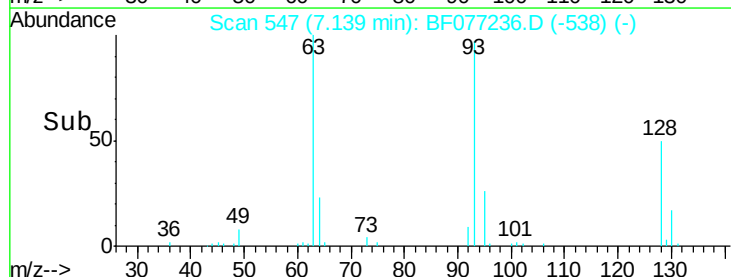
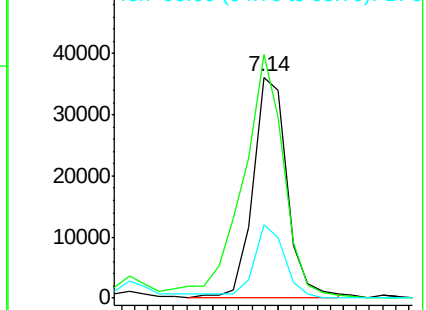
95 33.4 13.8 53.8

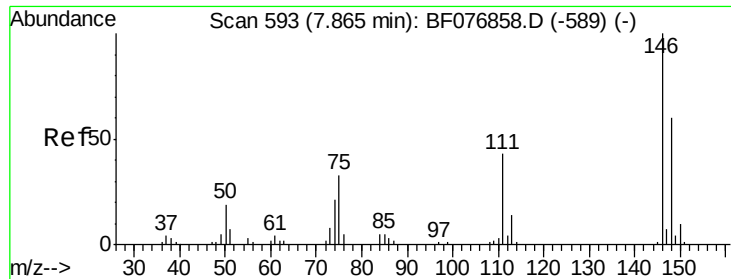


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

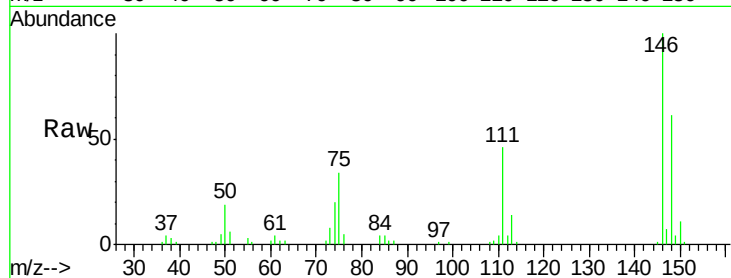




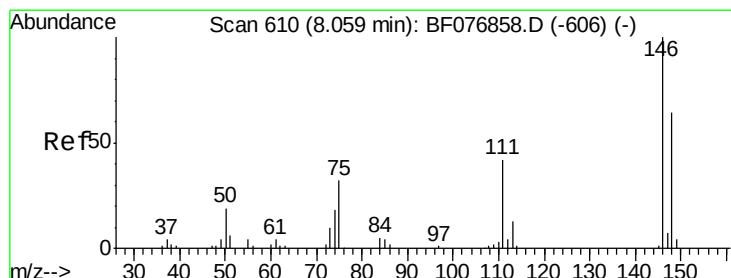
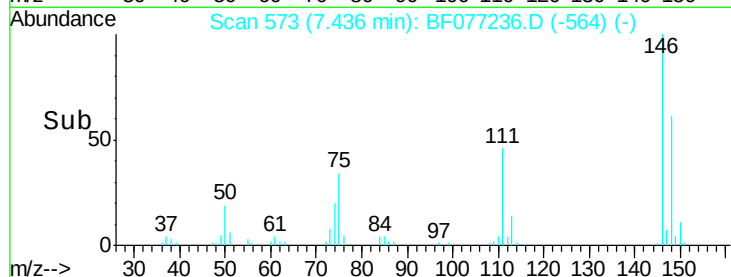
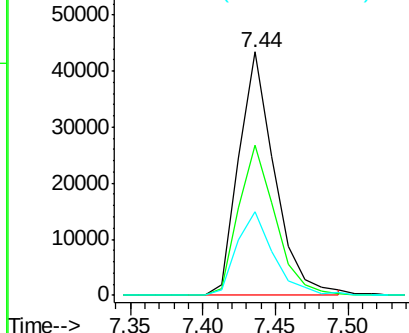
#12
 1,3-Dichlorobenzene
 Concen: 34.22 ng
 RT: 7.44 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	48.1	72.1
75	34.3	26.8	40.2

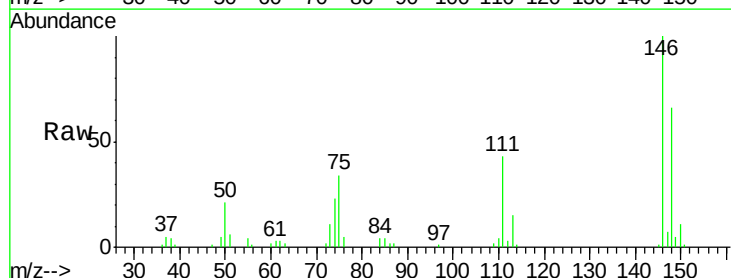


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

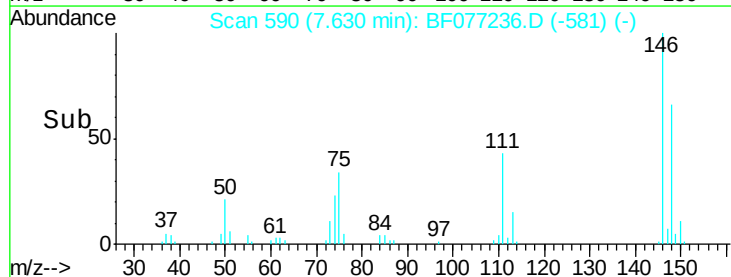
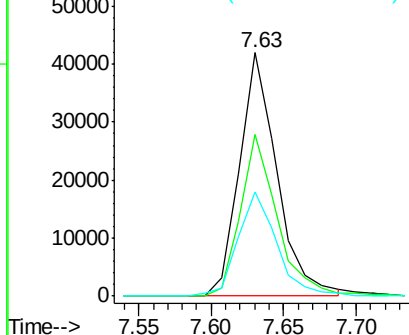


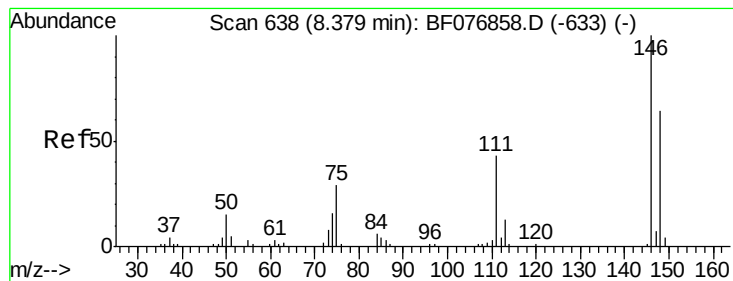
#13
 1,4-Dichlorobenzene
 Concen: 32.59 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.5	77.3
111	42.9	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: 34.48 ng

RT: 7.94 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

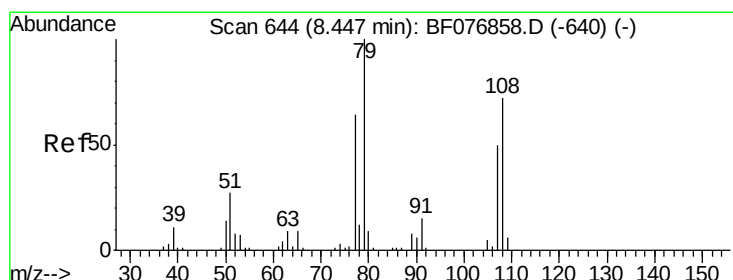
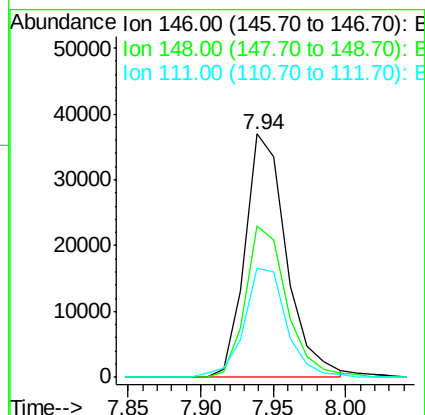
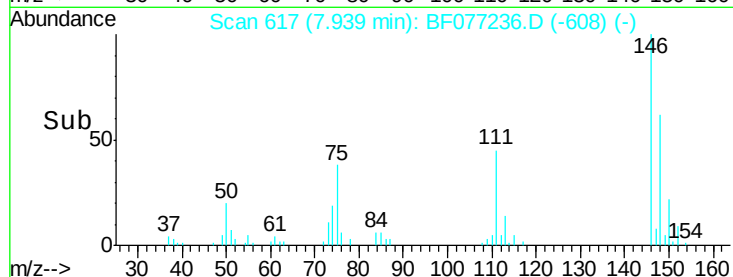
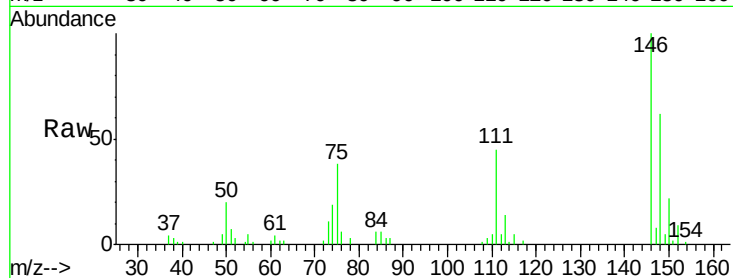
Tgt Ion:146 Resp: 73222

Ion Ratio Lower Upper

146 100

148 62.1 51.3 76.9

111 45.0 34.5 51.7



#15

Benzyl Alcohol

Concen: 35.17 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

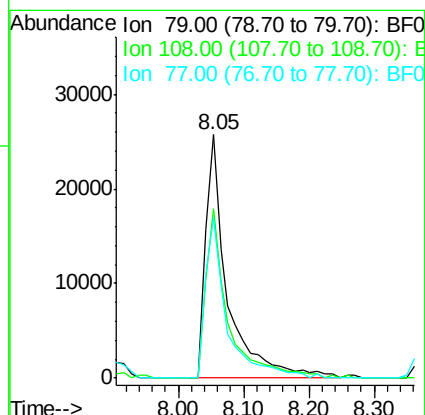
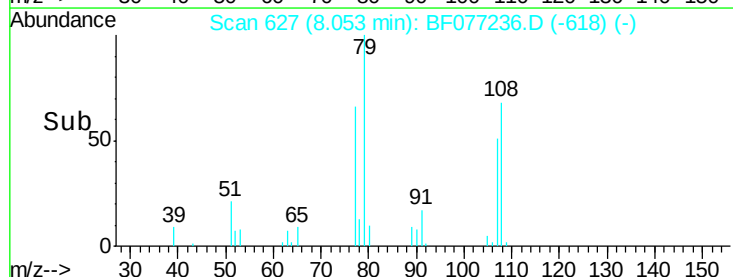
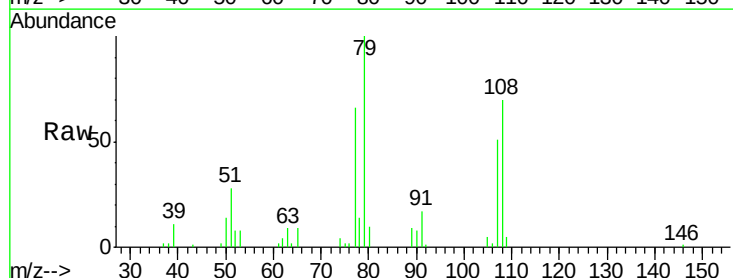
Tgt Ion: 79 Resp: 59498

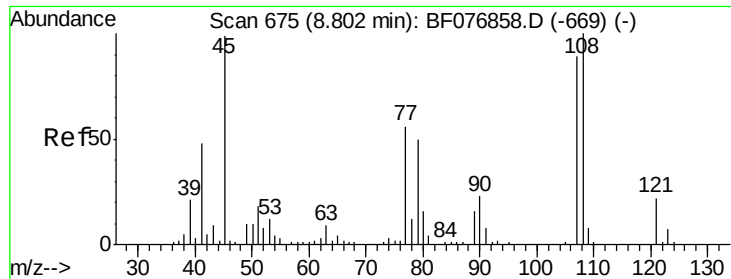
Ion Ratio Lower Upper

79 100

108 69.6 57.2 85.8

77 66.0 51.2 76.8

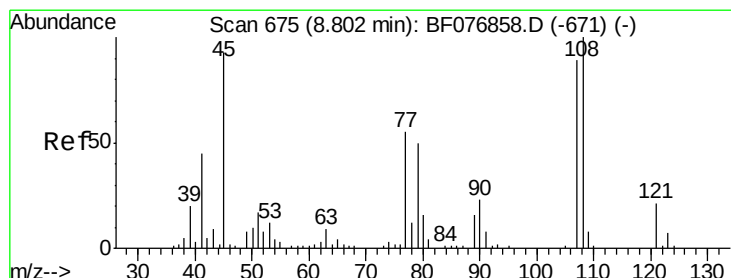
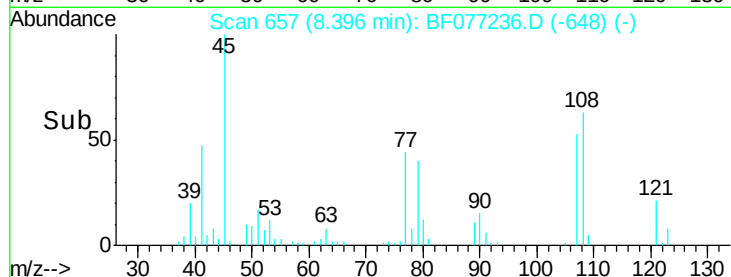
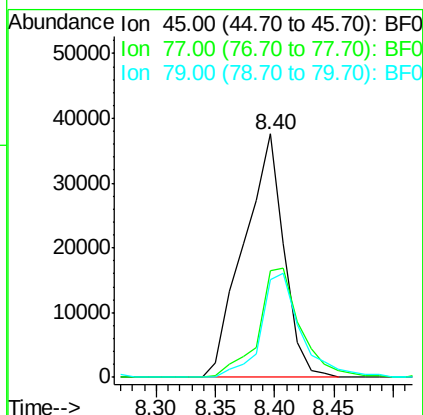
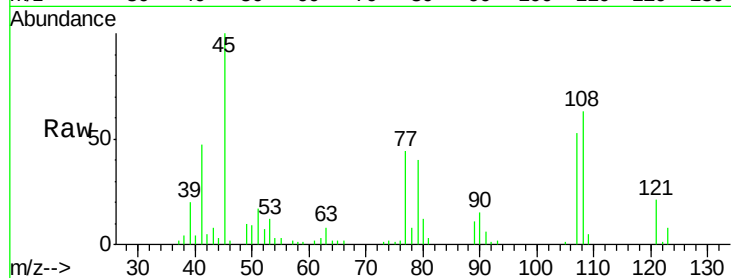




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 37.88 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

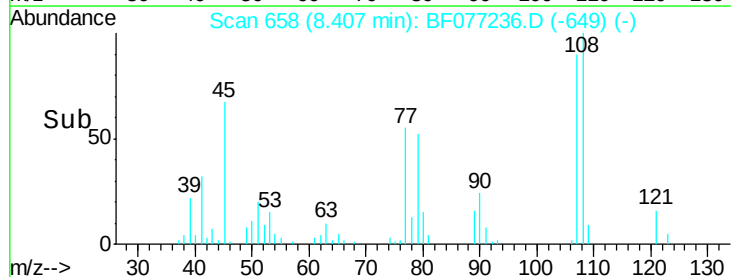
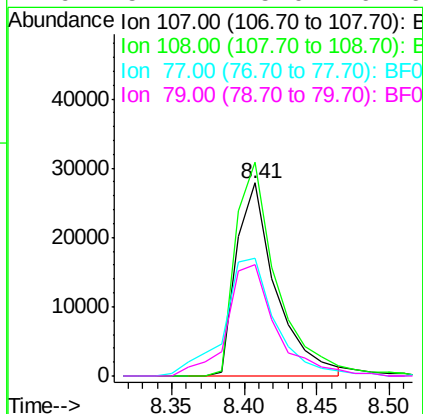
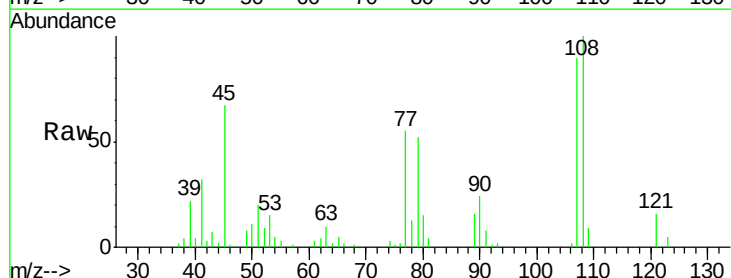
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

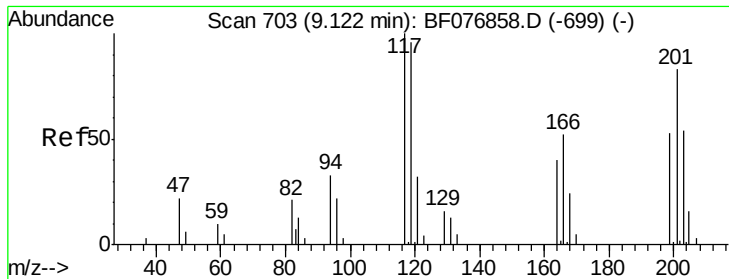
Tgt Ion: 45 Resp: 88443
 Ion Ratio Lower Upper
 45 100
 77 43.8 36.1 76.1
 79 40.3 30.5 70.5



#17
 2-Methylphenol
 Concen: 33.90 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 107 Resp: 52921
 Ion Ratio Lower Upper
 107 100
 108 110.7 89.7 134.5
 77 60.8 50.1 75.1
 79 57.4 45.0 67.6





#18

Hexachloroethane

Concen: 36.75 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

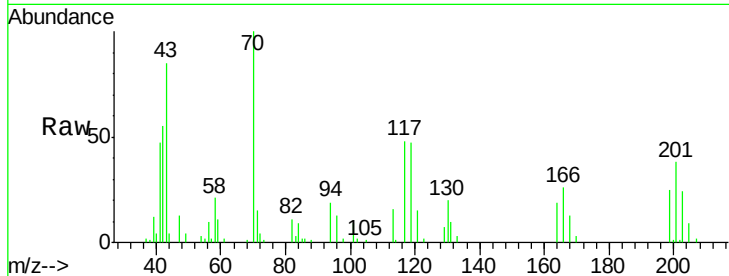
Tgt Ion: 117 Resp: 29463

Ion Ratio Lower Upper

117 100

119 98.4 77.1 115.7

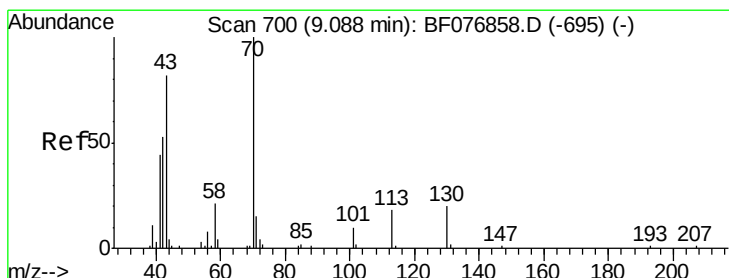
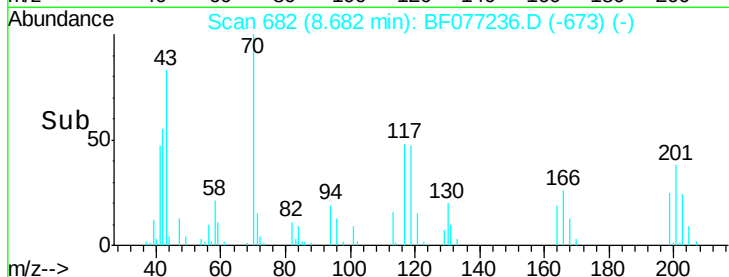
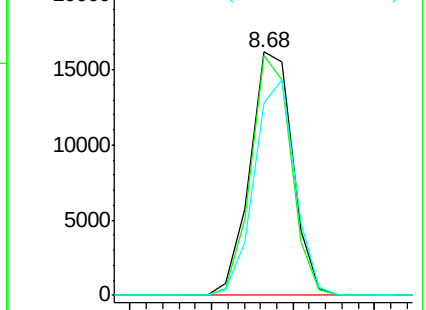
201 79.0 66.8 100.2



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: 35.45 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Tgt Ion: 70 Resp: 51870

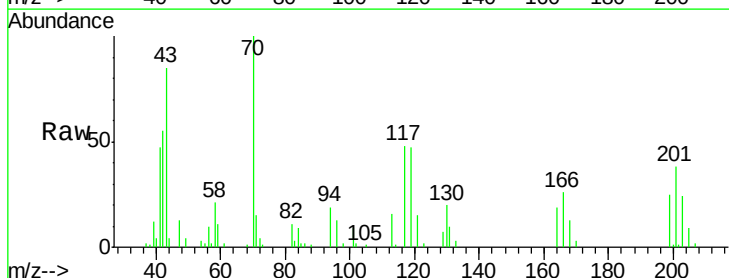
Ion Ratio Lower Upper

70 100

42 54.8 42.1 63.1

101 8.6 7.8 11.8

130 20.1 16.2 24.4

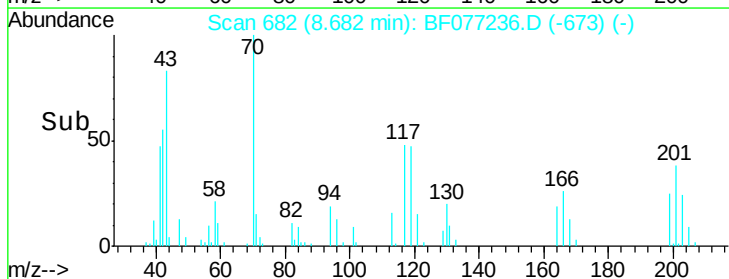
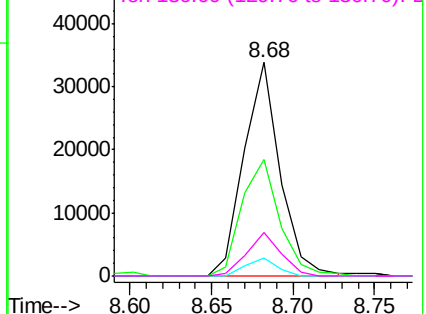


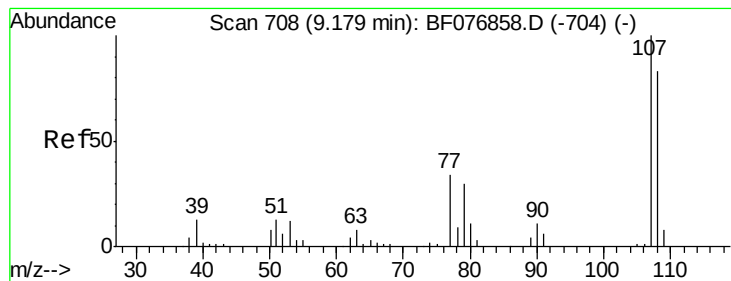
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 29.63 ng

RT: 8.80 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion:107 Resp: 61255

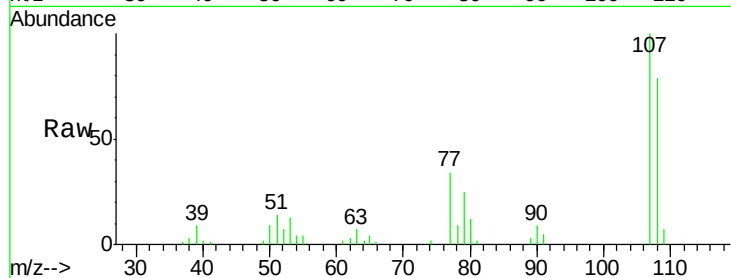
Ion Ratio Lower Upper

107 100

108 79.2 63.5 103.5

77 33.7 14.0 54.0

79 24.7 9.9 49.9

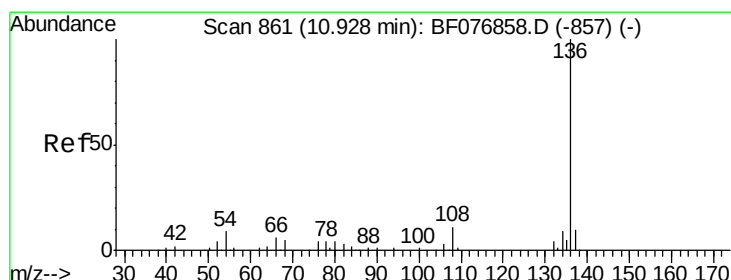
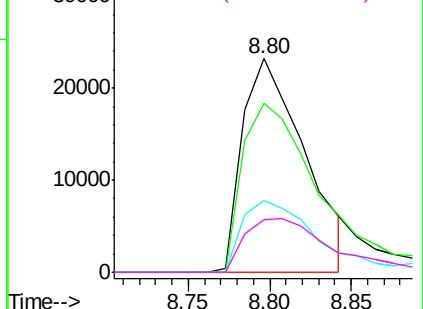
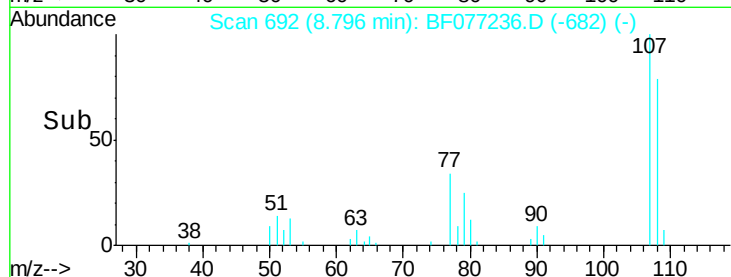


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF077236.D

Acq: 10 Feb 2015 14:14

Tgt Ion:136 Resp: 119463

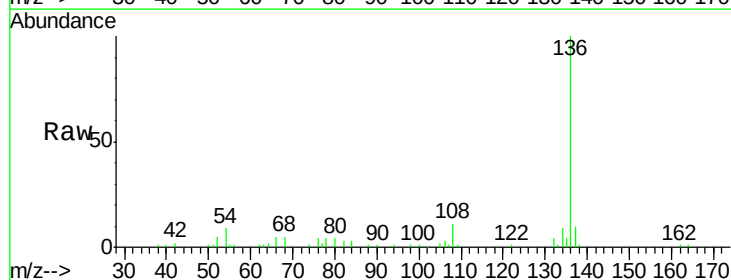
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 9.2 7.0 10.4

68 5.4 3.7 5.5

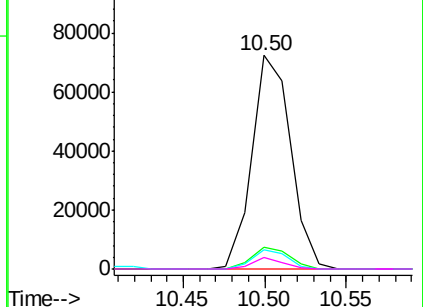
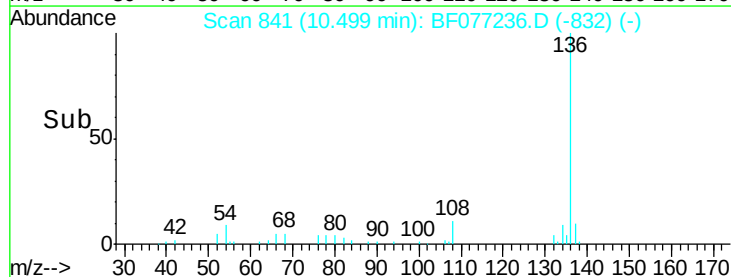


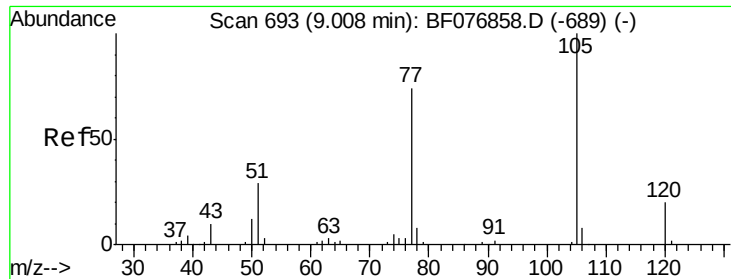
Abundance Ion 136.00 (135.70 to 136.70): E

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

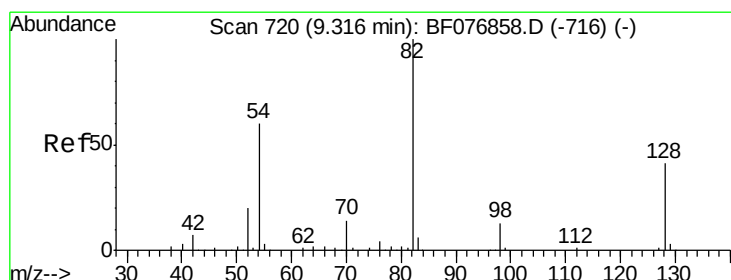
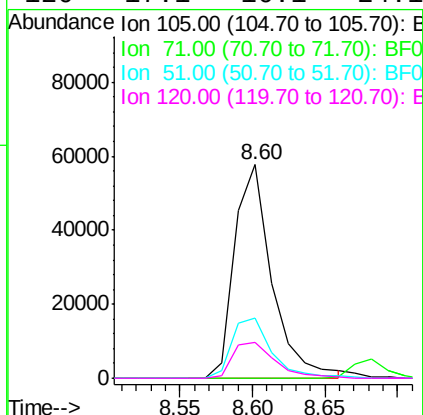
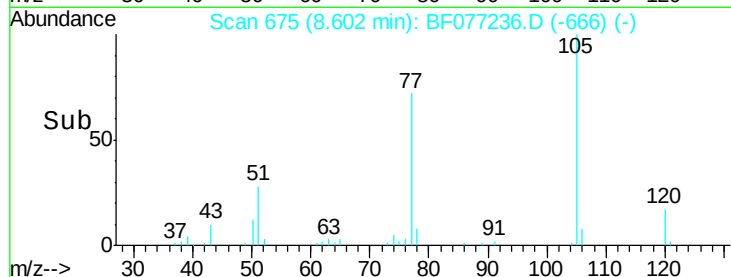
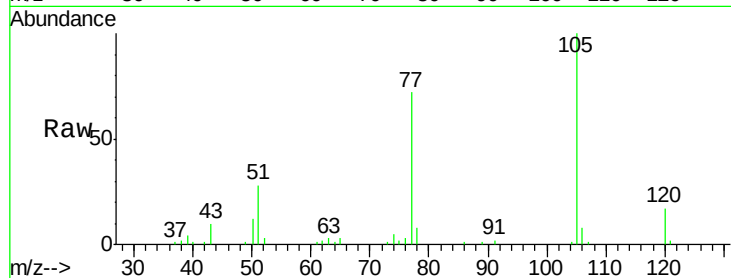




#22
 Acetophenone
 Concen: 35.37 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

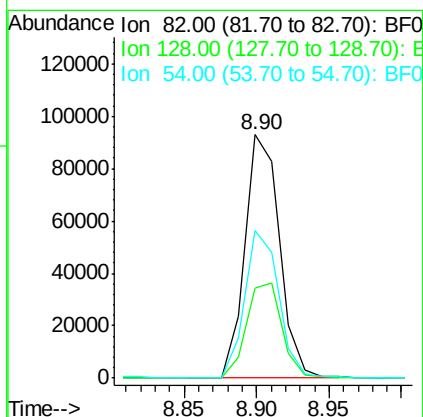
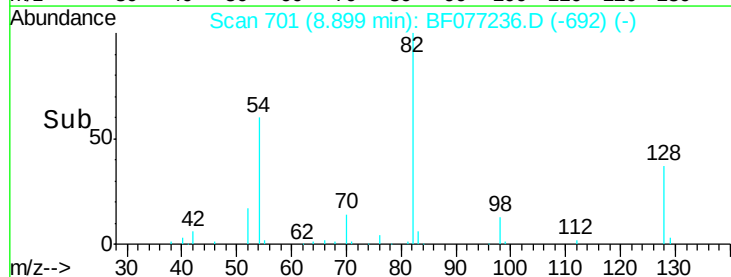
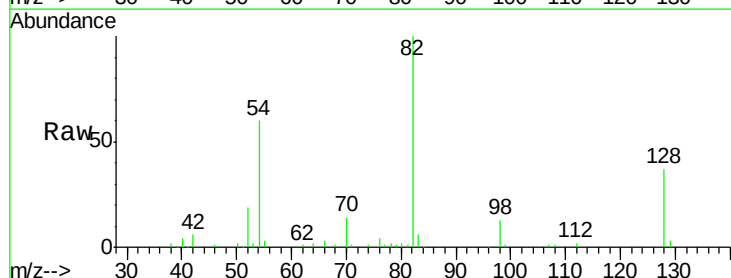
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

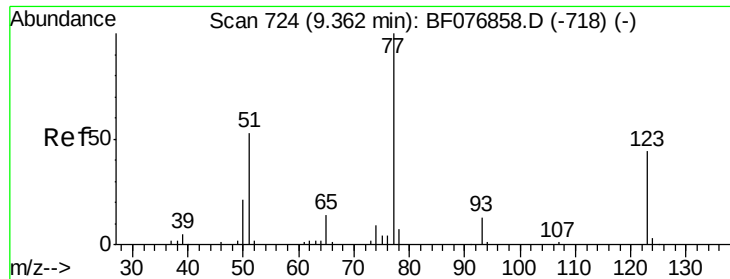
Tgt Ion:	105	Resp:	103508
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.1	23.3	34.9
120	17.1	16.1	24.1



#23
 Nitrobenzene-d5
 Concen: 71.24 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:	82	Resp:	153610
Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.1	49.7
54	60.5	48.3	72.5

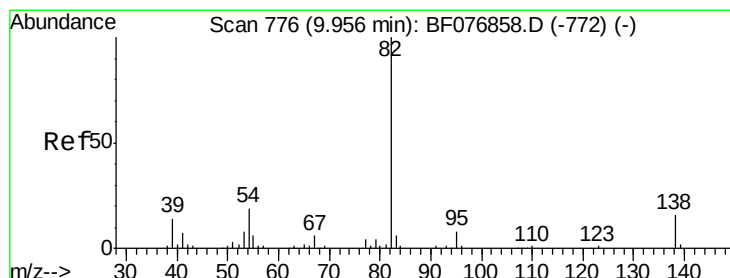
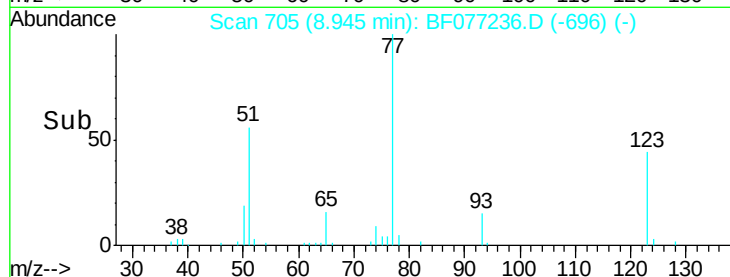
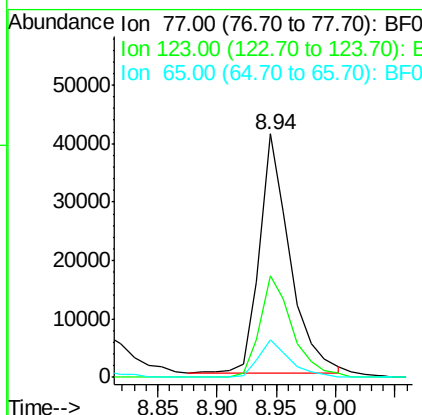
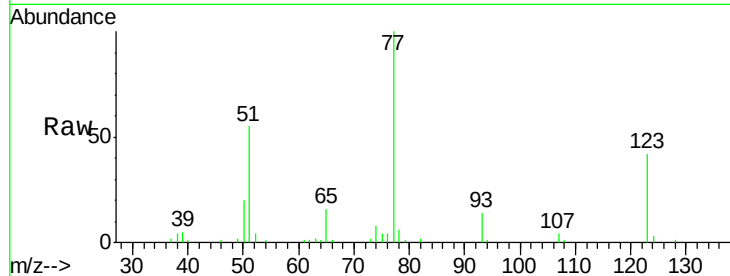




#24
 Nitrobenzene
 Concen: 33.42 ng
 RT: 8.94 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

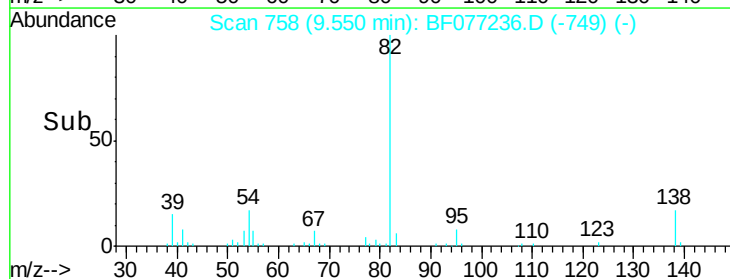
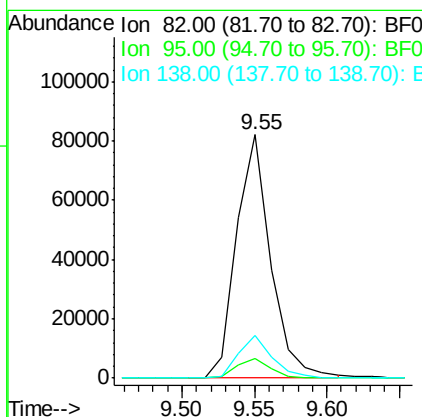
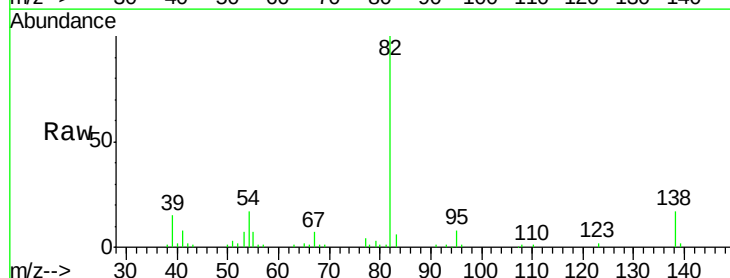
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

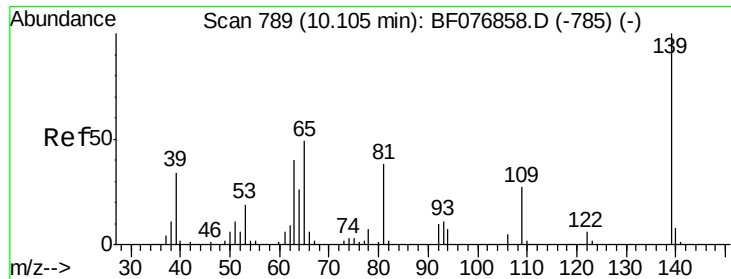
Tgt Ion: 77 Resp: 73418
 Ion Ratio Lower Upper
 77 100
 123 41.8 35.2 52.8
 65 15.6 11.4 17.2



#25
 Isophorone
 Concen: 34.17 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 82 Resp: 134203
 Ion Ratio Lower Upper
 82 100
 95 8.0 6.6 10.0
 138 17.4 12.6 18.8

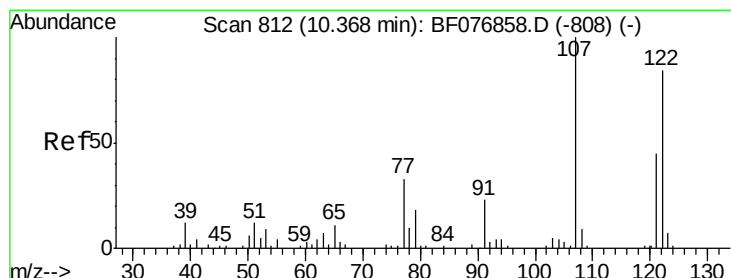
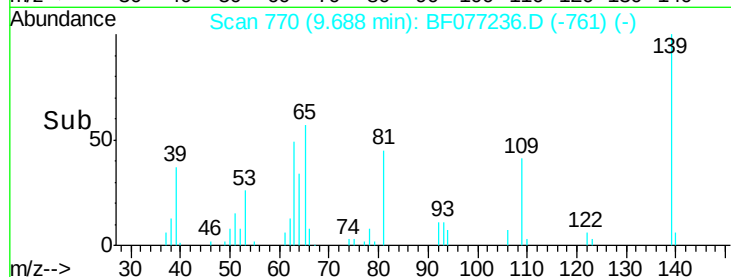
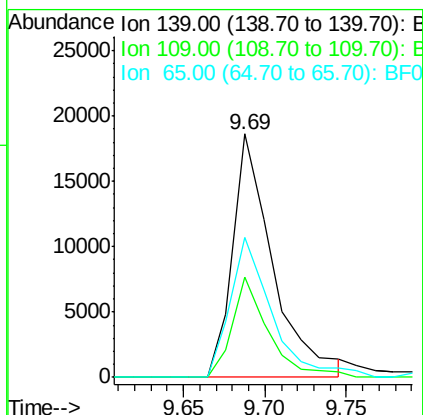
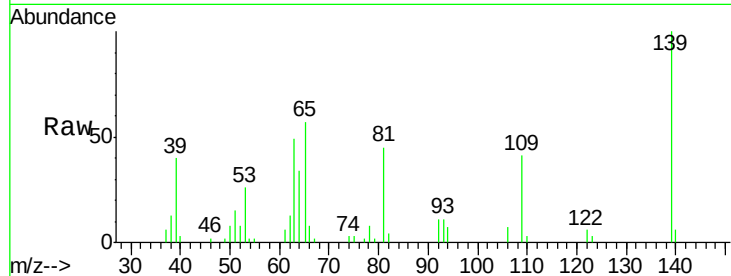




#26
 2-Nitrophenol
 Concen: 29.01 ng
 RT: 9.69 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

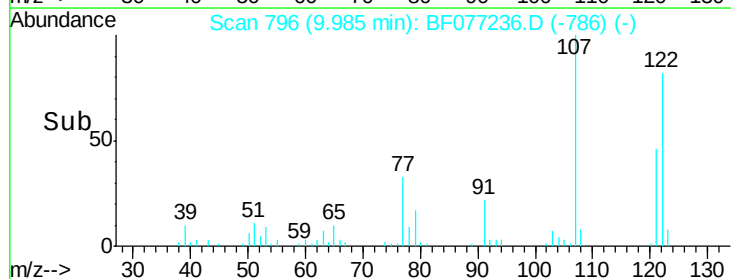
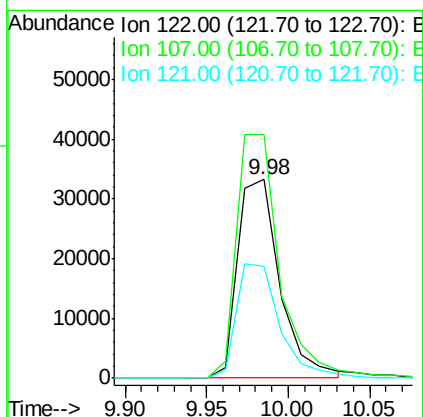
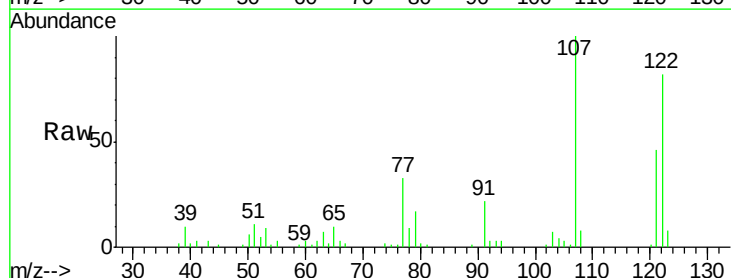
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

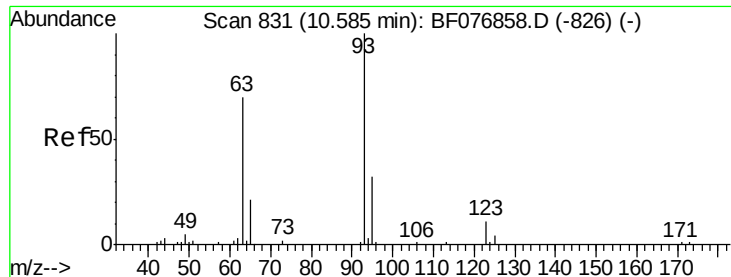
Tgt Ion:139 Resp: 31819
 Ion Ratio Lower Upper
 139 100
 109 41.4 21.3 31.9#
 65 57.2 39.4 59.0



#27
 2,4-Dimethylphenol
 Concen: 35.13 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:122 Resp: 59672
 Ion Ratio Lower Upper
 122 100
 107 122.4 95.2 142.8
 121 56.5 42.9 64.3

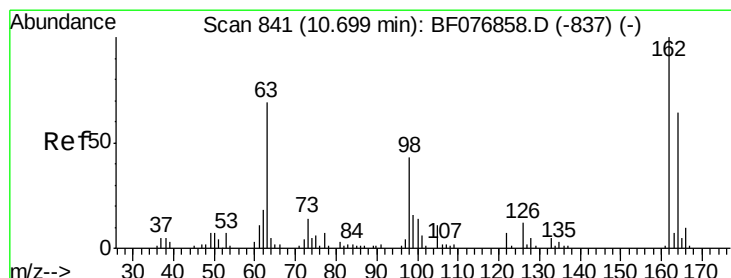
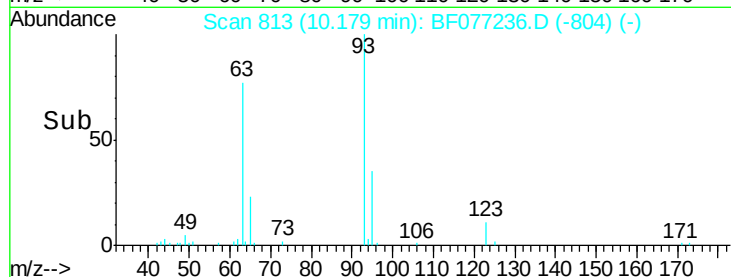
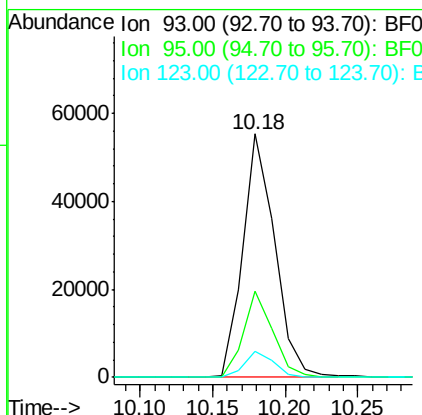
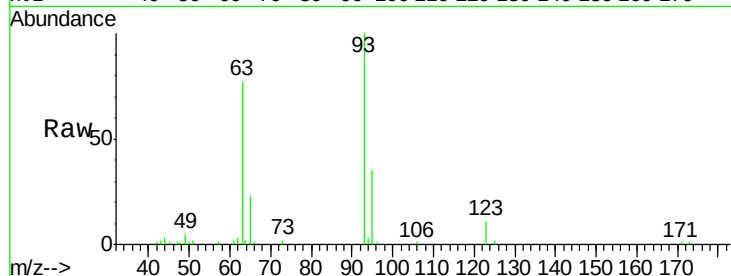




#28
bis(2-Chloroethoxy)methane
Concen: 38.04 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

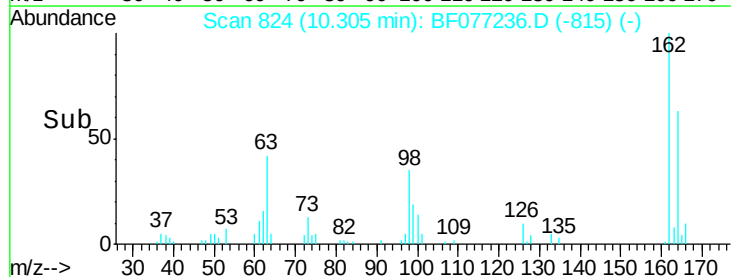
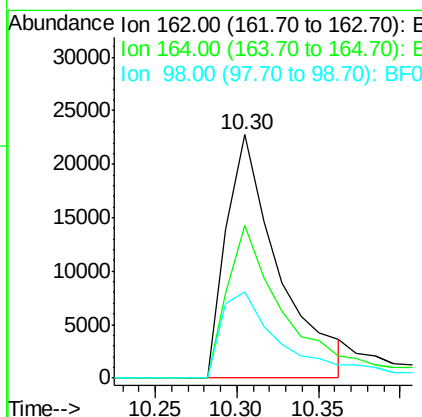
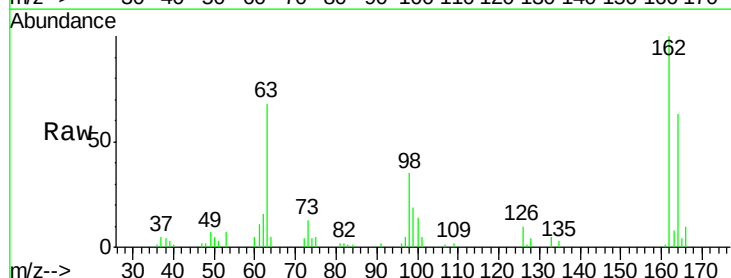
Instrument :
BNA_F
ClientSampleId :
PB81636BS

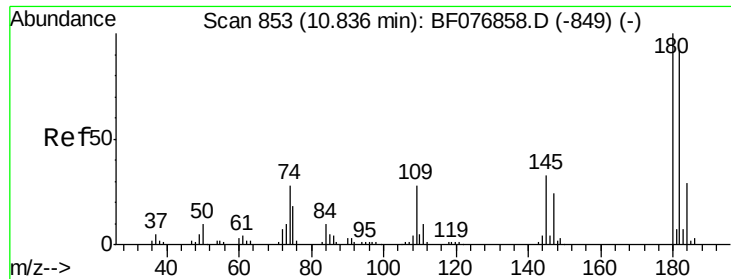
Tgt Ion: 93 Resp: 84914
Ion Ratio Lower Upper
93 100
95 35.2 25.6 38.4
123 10.6 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 32.09 ng
RT: 10.30 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion: 162 Resp: 50809
Ion Ratio Lower Upper
162 100
164 62.8 43.8 83.8
98 35.3 22.5 62.5

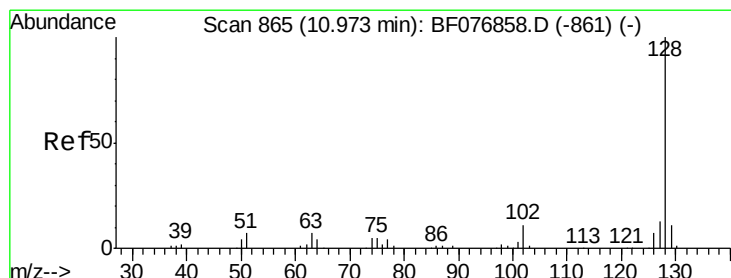
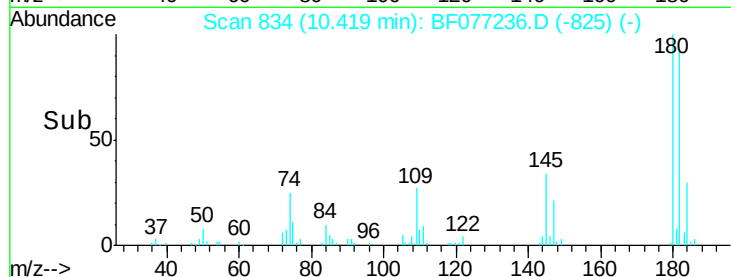
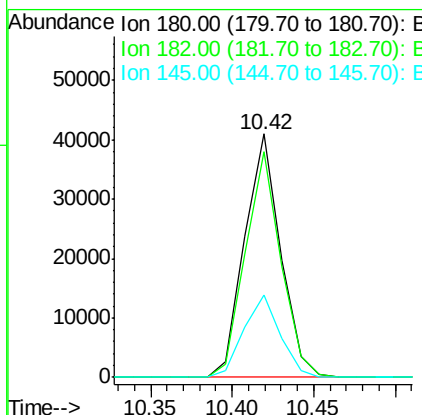
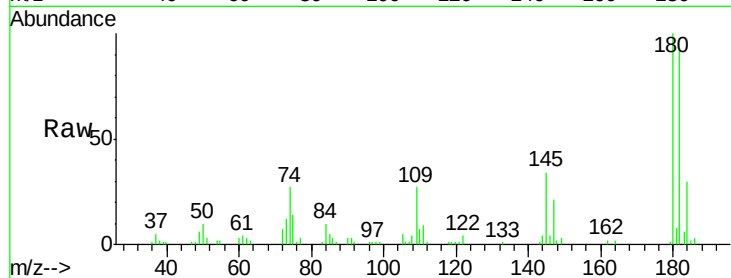




#30
 1,2,4-Trichlorobenzene
 Concen: 35.51 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

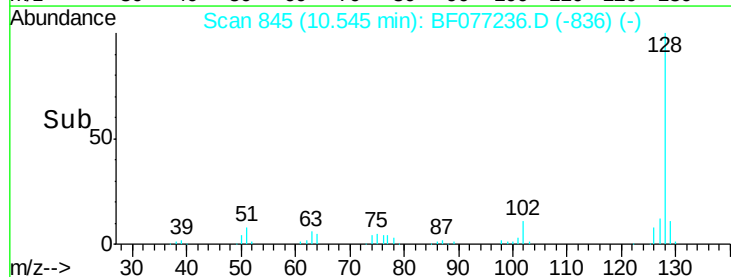
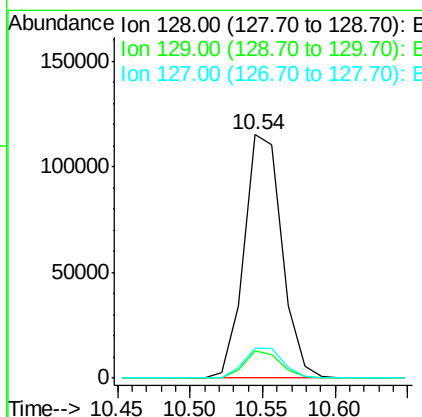
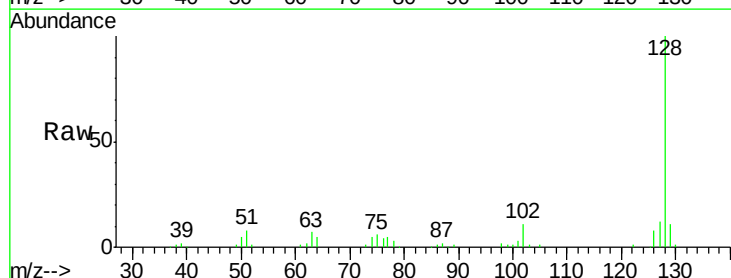
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

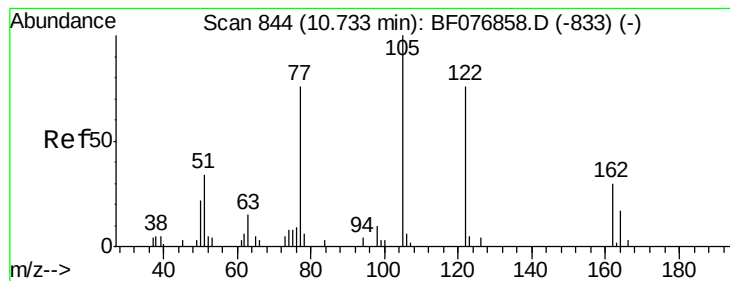
Tgt Ion:180 Resp: 62448
 Ion Ratio Lower Upper
 180 100
 182 92.7 73.6 110.4
 145 33.7 26.6 39.8



#31
 Naphthalene
 Concen: 33.90 ng
 RT: 10.54 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:128 Resp: 208476
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 12.3 10.2 15.2





#32

Benzoic acid

Concen: 8.50 ng

RT: 10.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

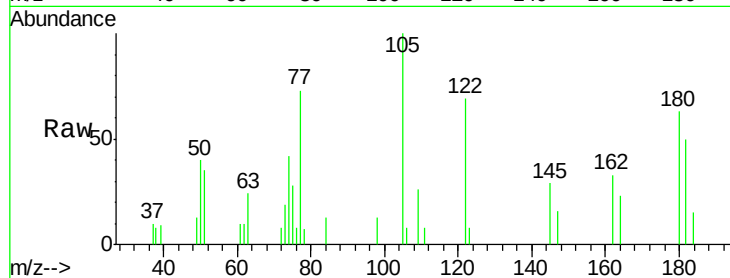
Tgt Ion:122 Resp: 8000

Ion Ratio Lower Upper

122 100

105 144.5 111.3 151.3

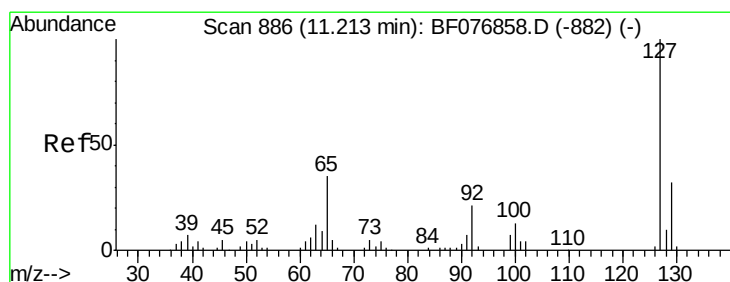
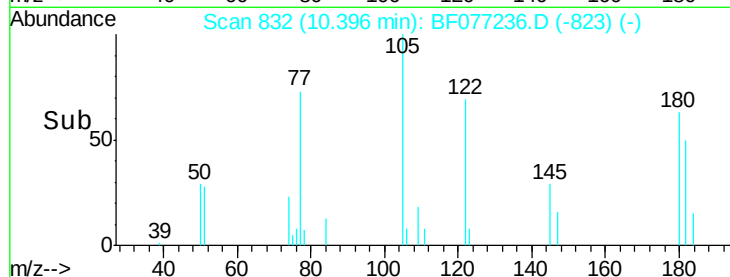
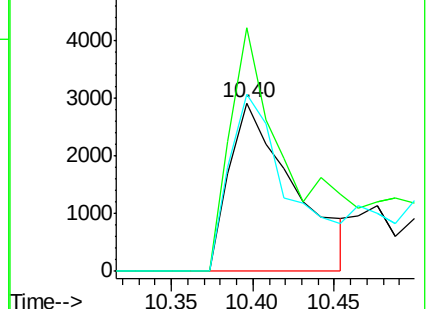
77 104.8 79.2 119.2



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: 18.20 ng

RT: 10.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Tgt Ion:127 Resp: 45236

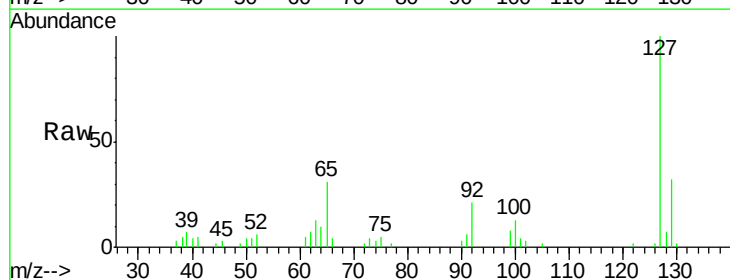
Ion Ratio Lower Upper

127 100

129 32.2 25.3 37.9

65 31.3 27.8 41.6

92 21.0 16.5 24.7

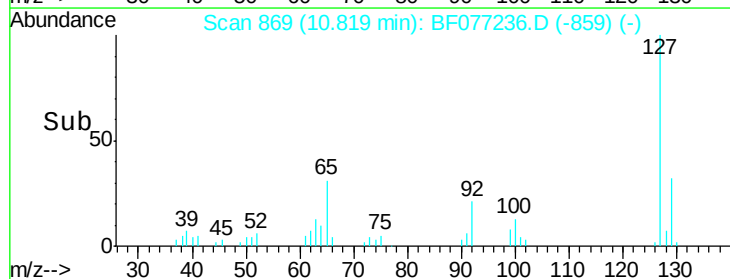
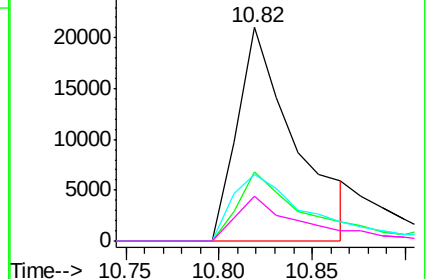


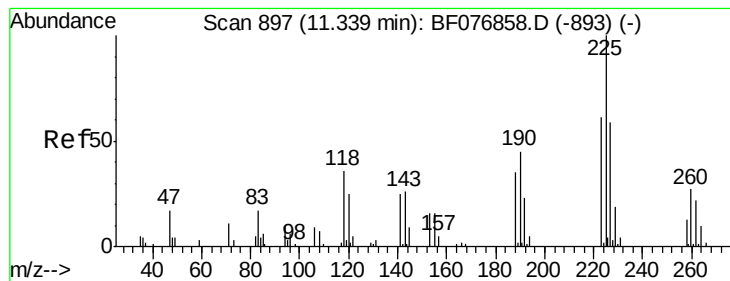
Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.71 ng

RT: 10.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

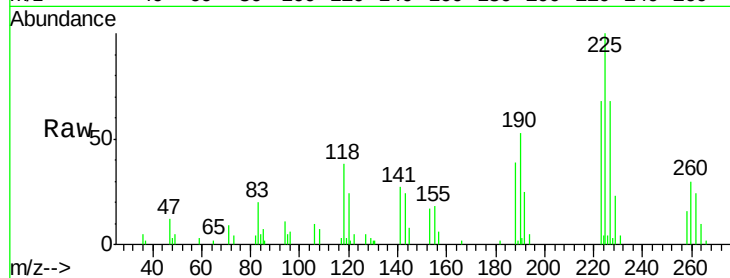
Tgt Ion:225 Resp: 34128

Ion Ratio Lower Upper

225 100

223 68.2 49.1 73.7

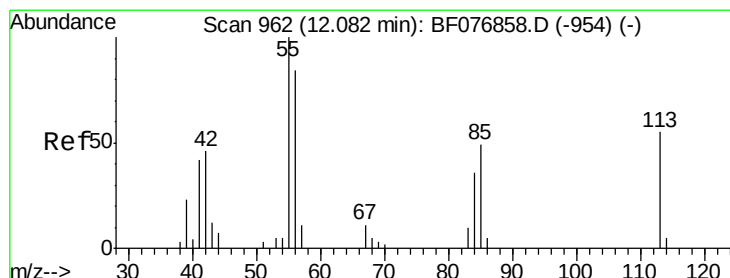
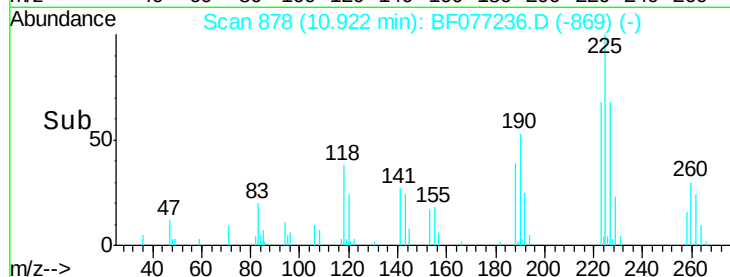
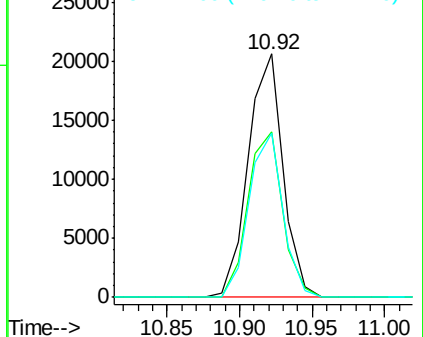
227 67.6 47.5 71.3



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: 25.83 ng

RT: 11.66 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

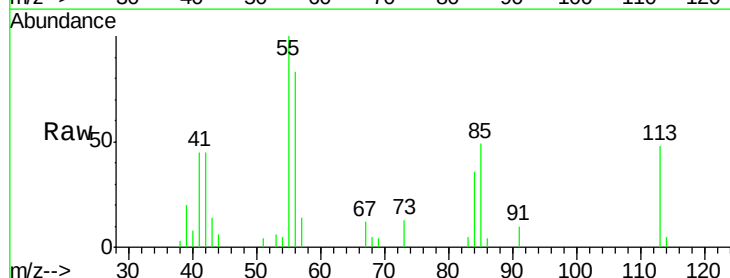
Tgt Ion:113 Resp: 12038

Ion Ratio Lower Upper

113 100

55 210.0 162.1 202.1#

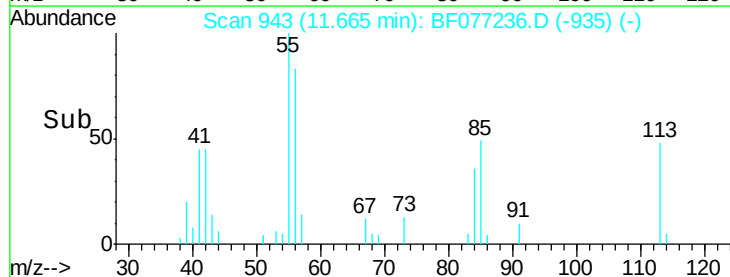
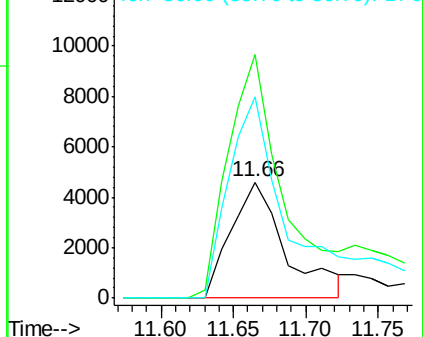
56 173.5 133.7 173.7

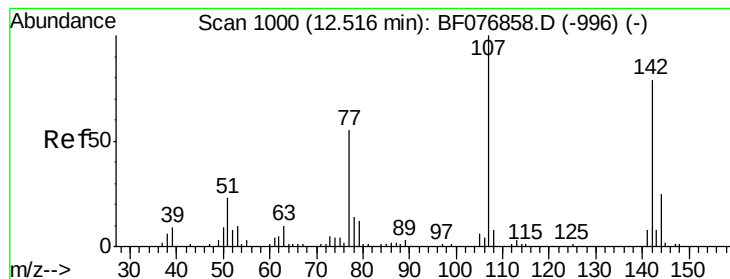


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 32.77 ng

RT: 12.12 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

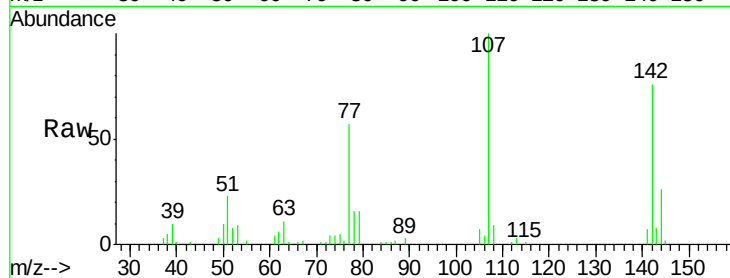
Tgt Ion:107 Resp: 59397

Ion Ratio Lower Upper

107 100

144 26.3 20.0 30.0

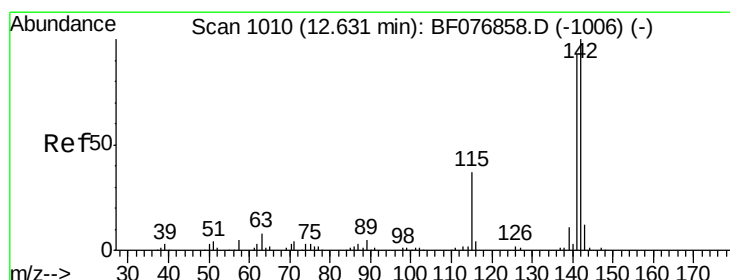
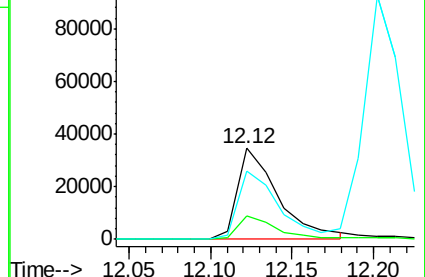
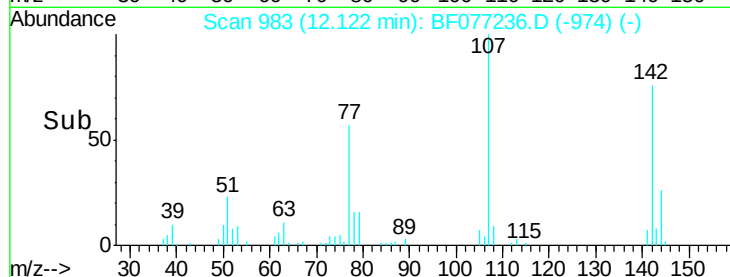
142 75.9 63.5 95.3



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: 35.11 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

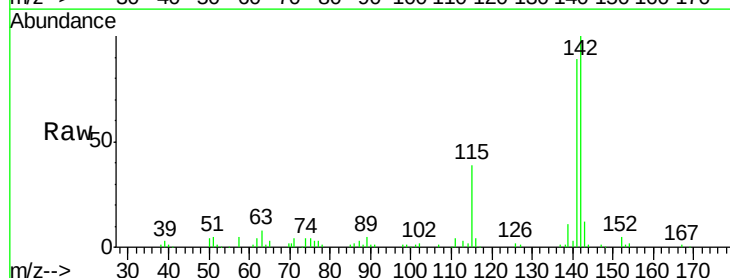
Tgt Ion:142 Resp: 147471

Ion Ratio Lower Upper

142 100

141 88.6 74.5 111.7

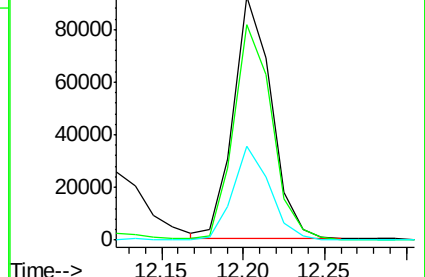
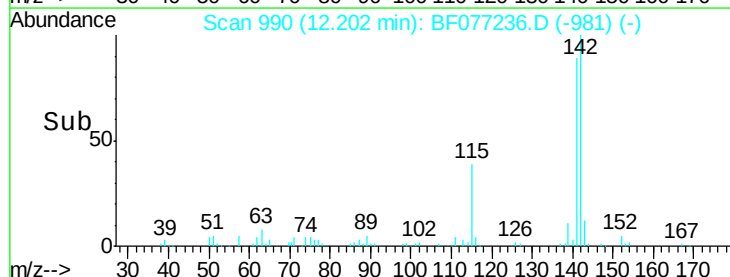
115 38.5 29.7 44.5

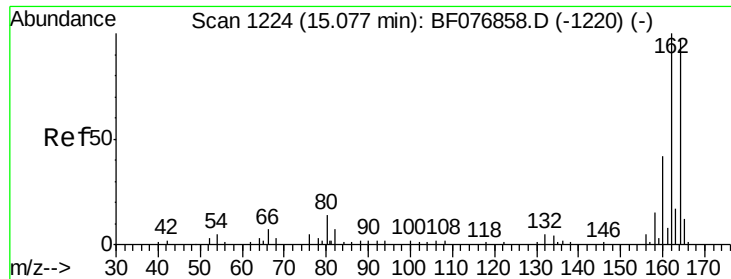


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.63 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

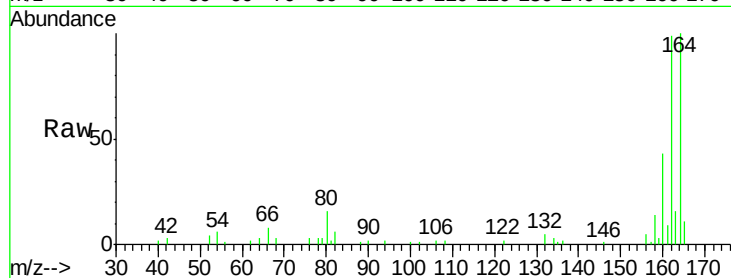
Tgt Ion:164 Resp: 69083

Ion Ratio Lower Upper

164 100

162 99.0 82.4 123.6

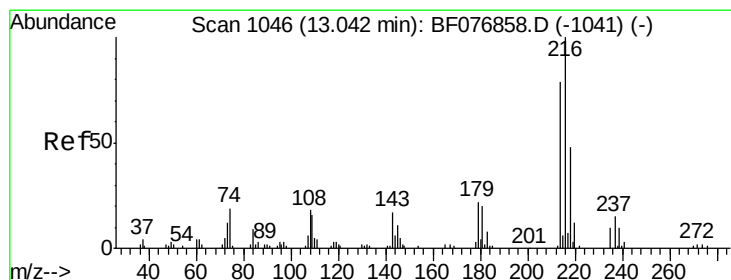
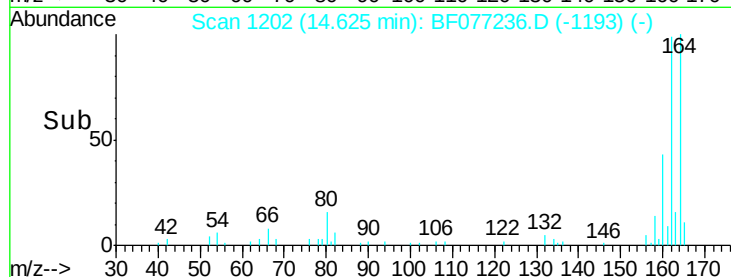
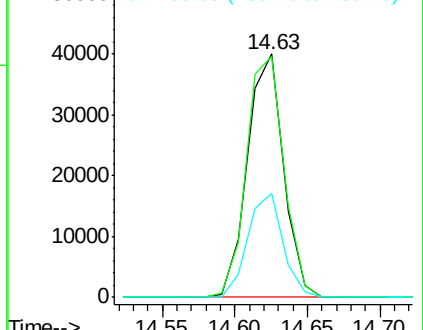
160 42.5 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.37 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Tgt Ion:216 Resp: 58697

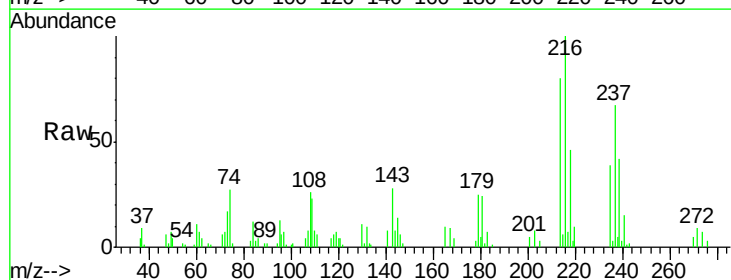
Ion Ratio Lower Upper

216 100

214 79.9 64.9 97.3

179 23.5 18.6 28.0

108 24.9 18.1 27.1

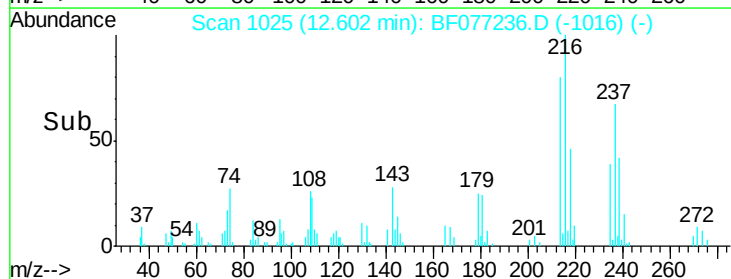
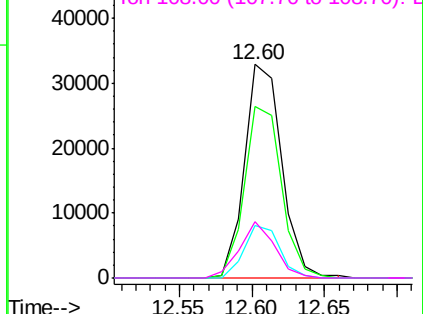


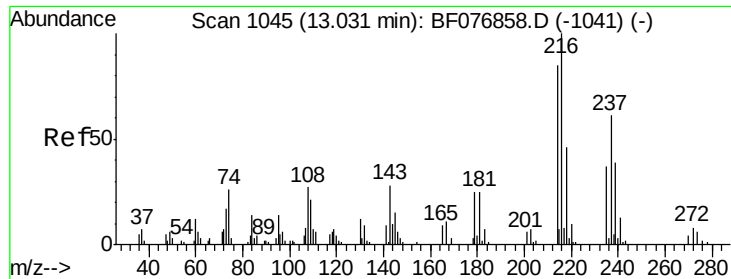
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

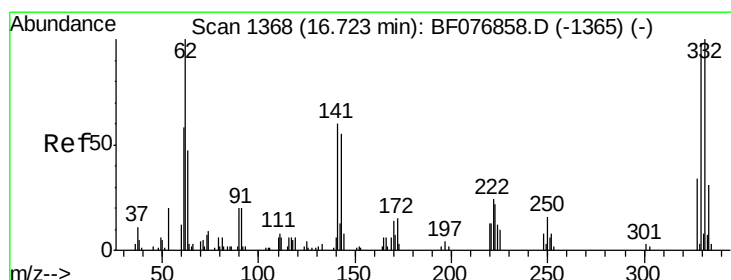
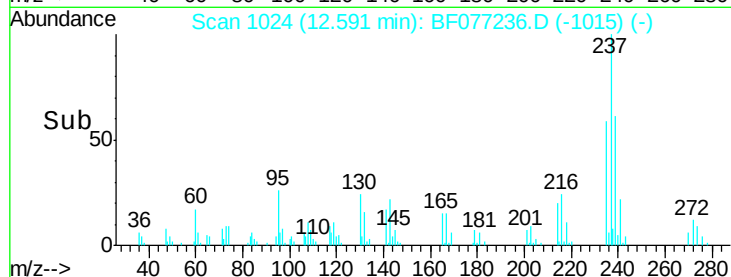
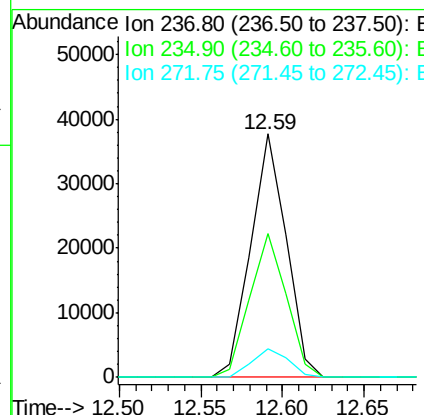
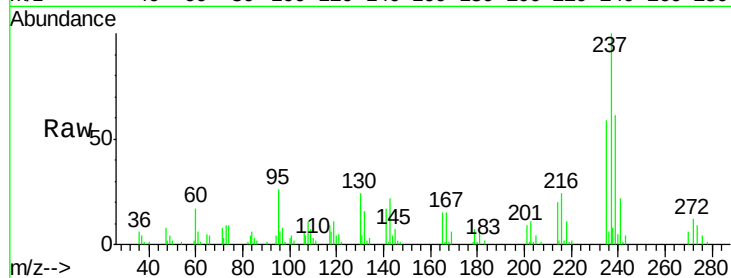




#40
Hexachlorocyclopentadiene
Concen: 63.12 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

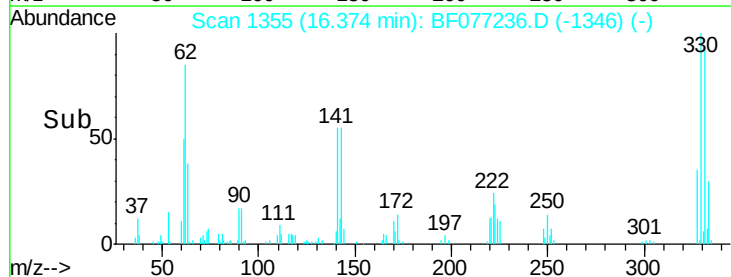
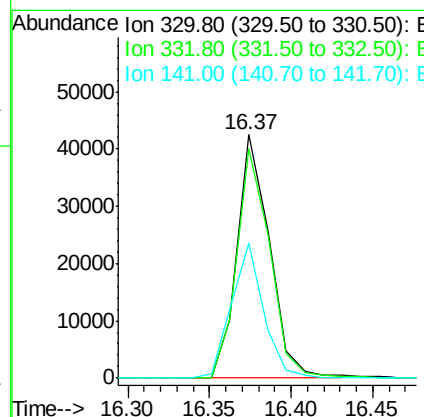
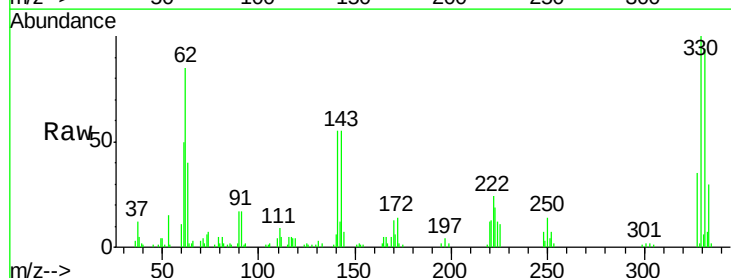
Instrument :
BNA_F
ClientSampleId :
PB81636BS

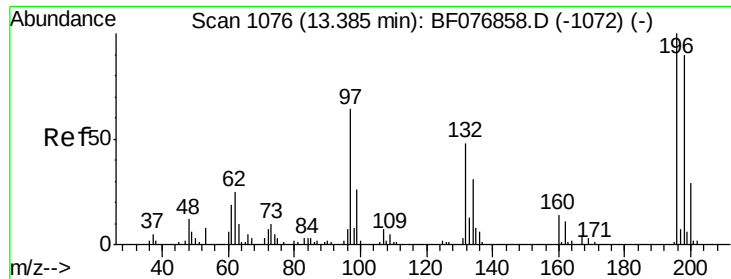
Tgt Ion: 237 Resp: 57094
Ion Ratio Lower Upper
237 100
235 59.1 40.4 80.4
272 12.0 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 104.73 ng
RT: 16.37 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion: 330 Resp: 58727
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 53.8 38.5 57.7

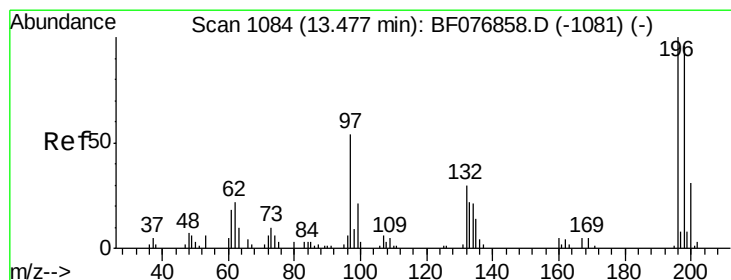
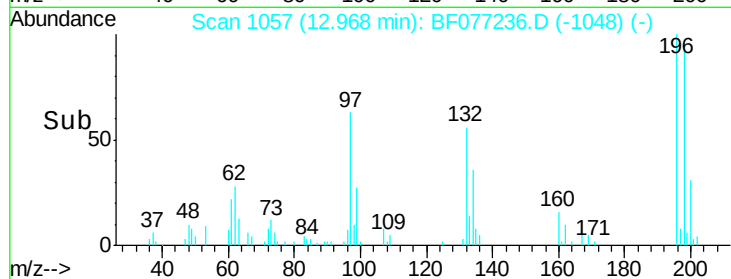
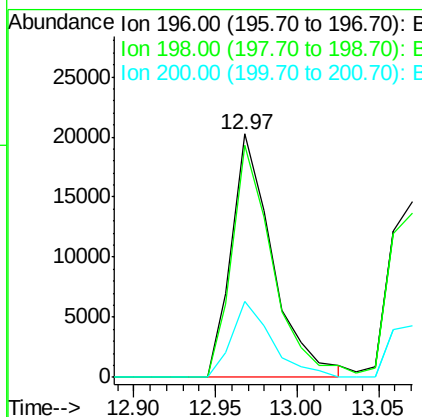
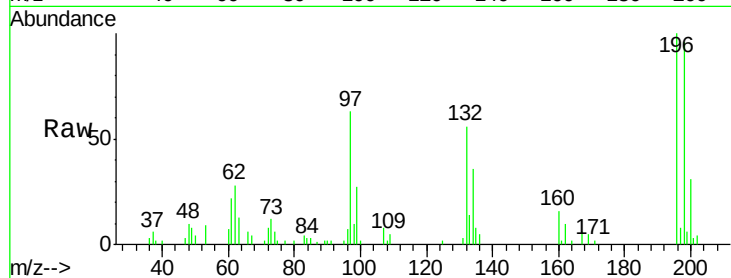




#42
 2,4,6-Trichlorophenol
 Concen: 28.48 ng
 RT: 12.97 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

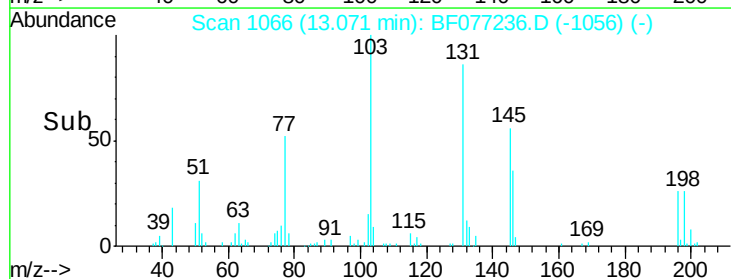
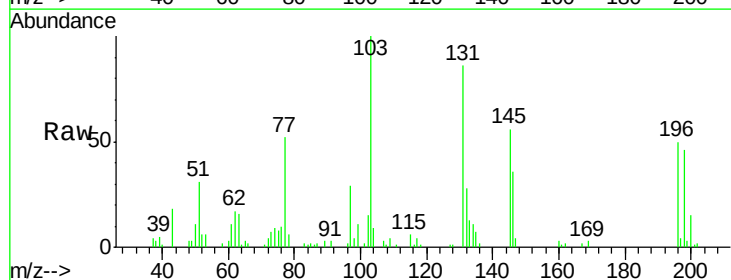
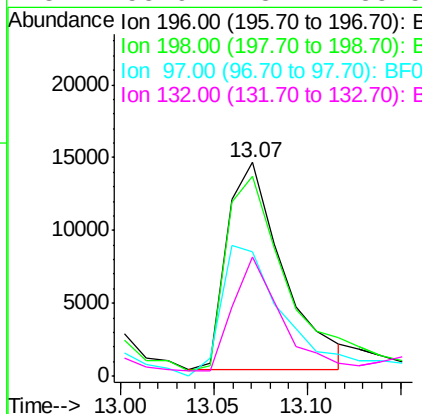
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

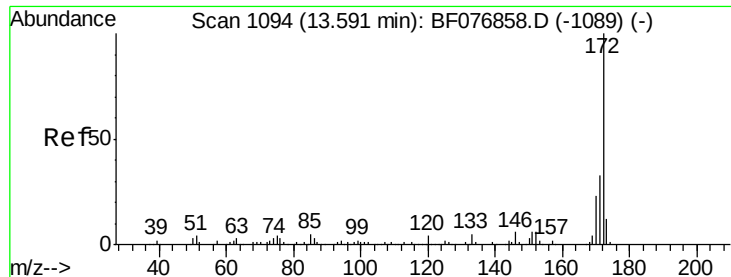
Tgt Ion:196 Resp: 35439
 Ion Ratio Lower Upper
 196 100
 198 95.5 72.0 108.0
 200 31.0 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 23.64 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:196 Resp: 30008
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 115.0
 97 58.0 43.4 65.0
 132 55.9 23.7 35.5#

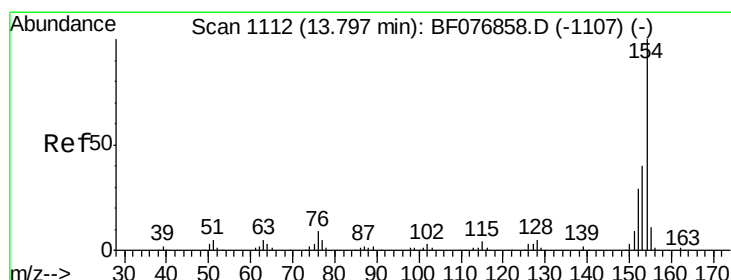
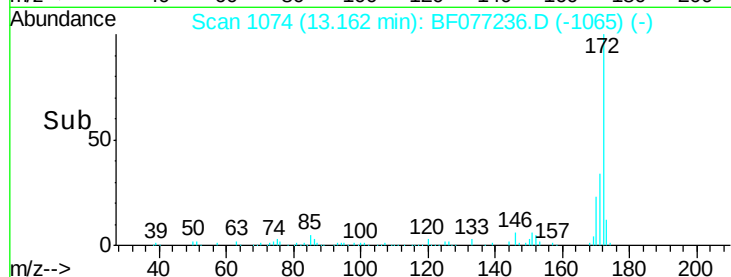
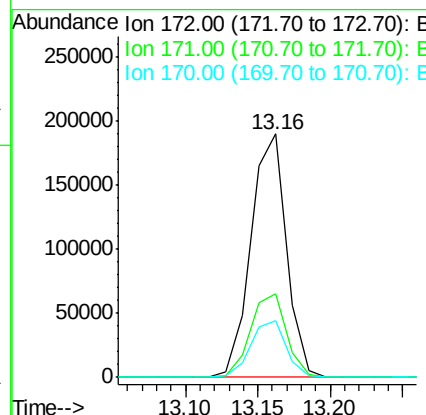
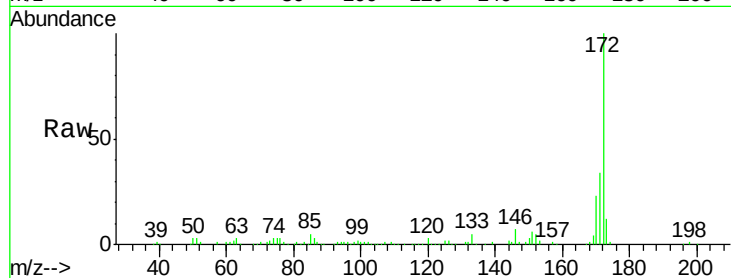




#44
2-Fluorobiphenyl
Concen: 70.82 ng
RT: 13.16 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

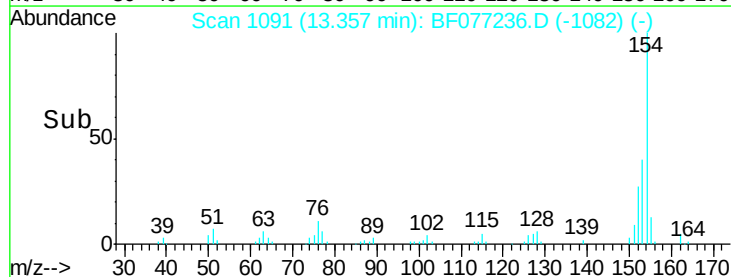
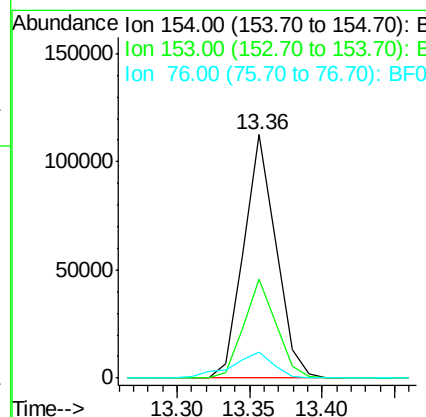
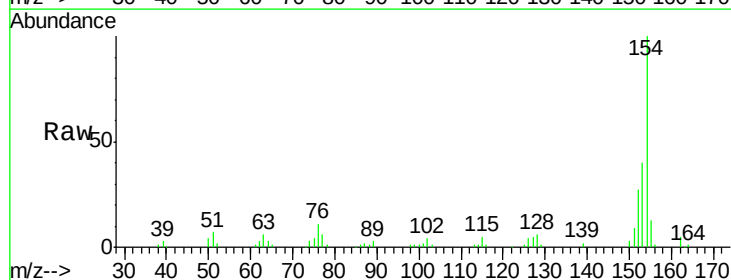
Instrument :
BNA_F
ClientSampleId :
PB81636BS

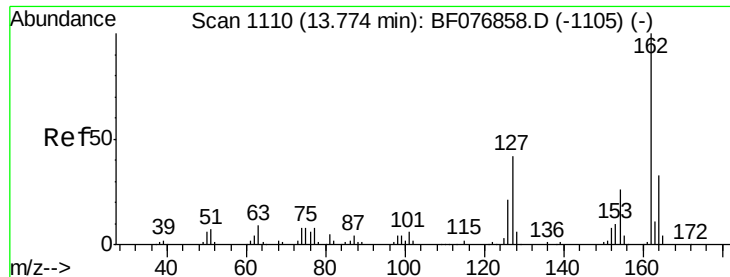
Tgt Ion:172 Resp: 321471
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 23.3 18.0 27.0



#45
1,1'-Biphenyl
Concen: 34.07 ng
RT: 13.36 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:154 Resp: 174466
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 10.7 0.0 29.0

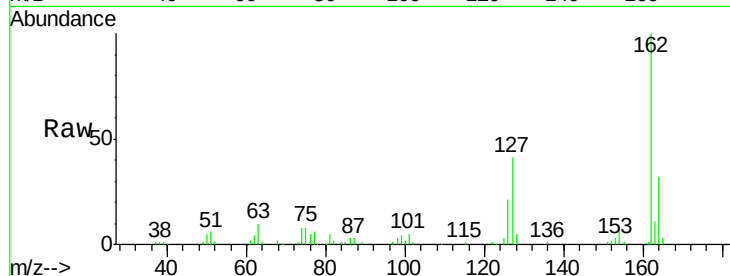




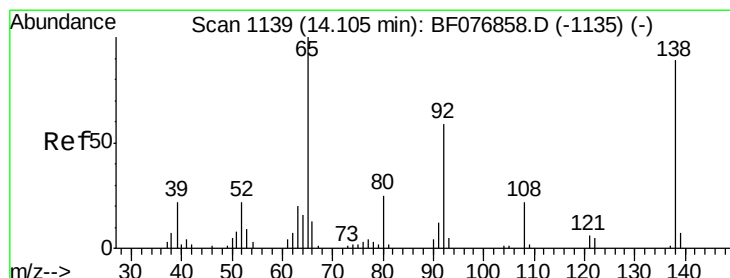
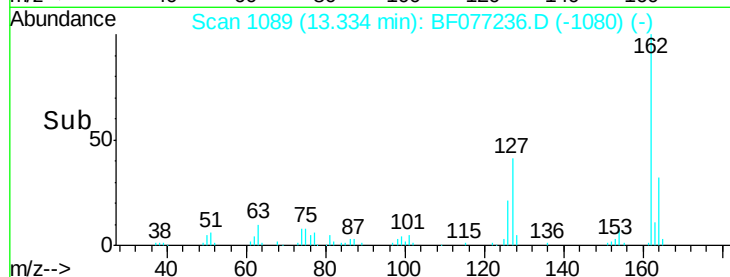
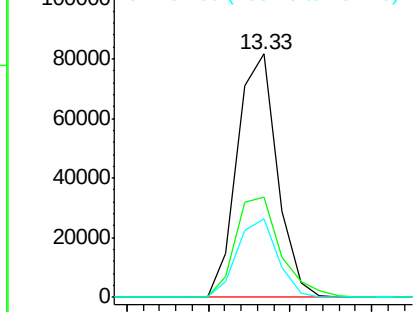
#46
 2-Chloronaphthalene
 Concen: 32.94 ng
 RT: 13.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion: 162 Resp: 138813
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.8 50.6
 164 32.4 26.8 40.2

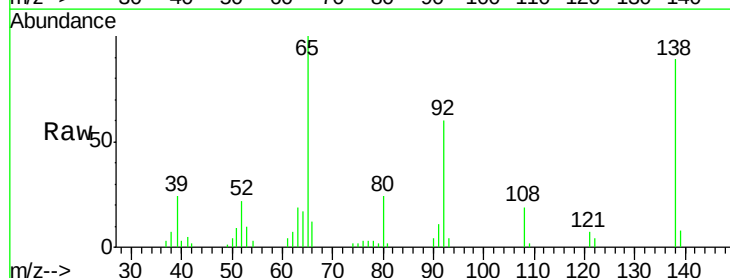


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

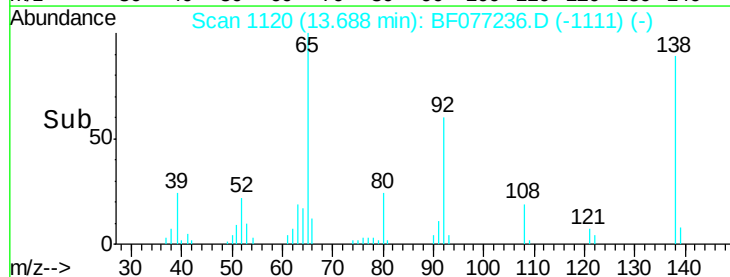
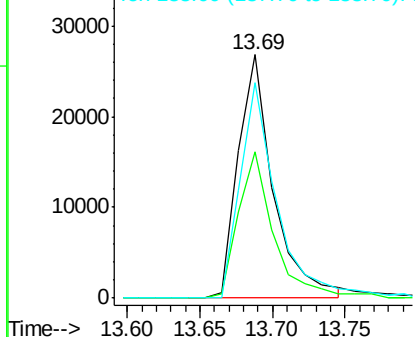


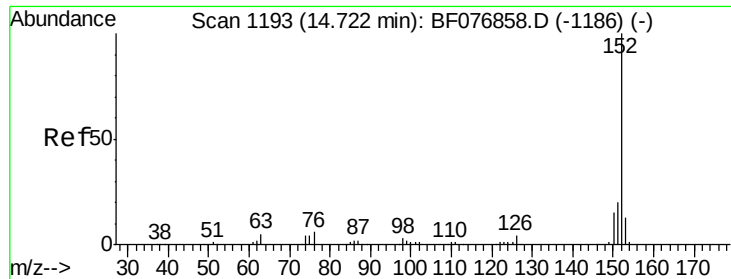
#47
 2-Nitroaniline
 Concen: 35.48 ng
 RT: 13.69 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 65 Resp: 45359
 Ion Ratio Lower Upper
 65 100
 92 60.1 47.3 70.9
 138 88.6 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: 32.60 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

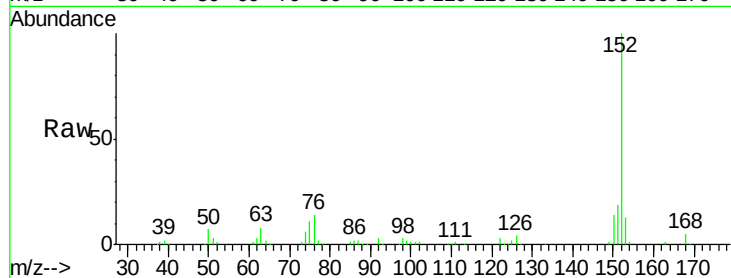
Tgt Ion:152 Resp: 231753

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

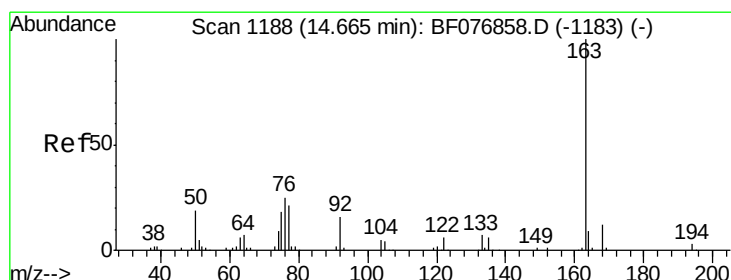
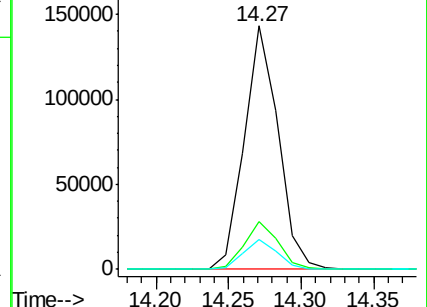
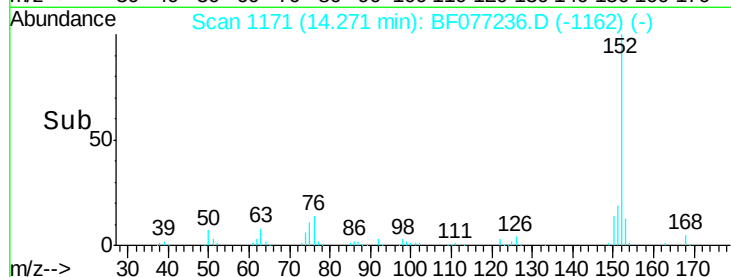
153 12.5 10.2 15.4



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: 36.65 ng

RT: 14.24 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

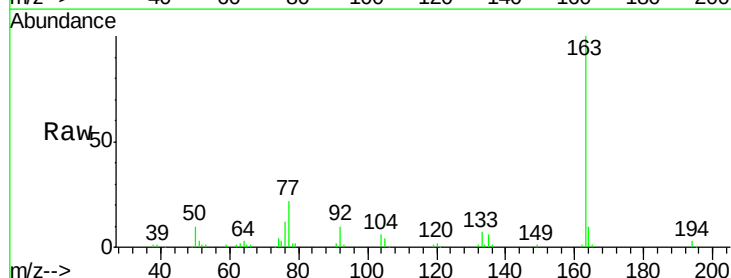
Tgt Ion:163 Resp: 179560

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

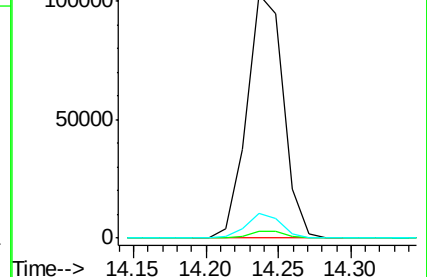
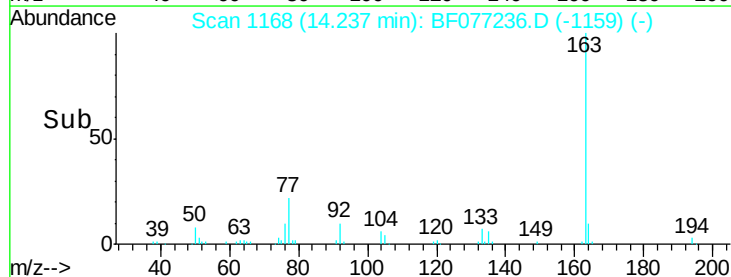
164 10.3 7.5 11.3

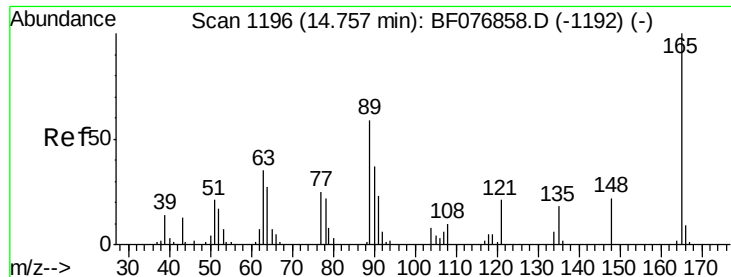


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

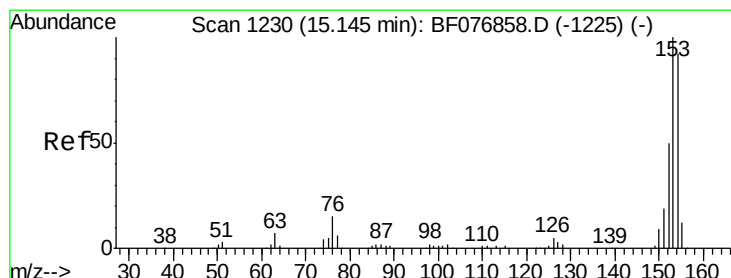
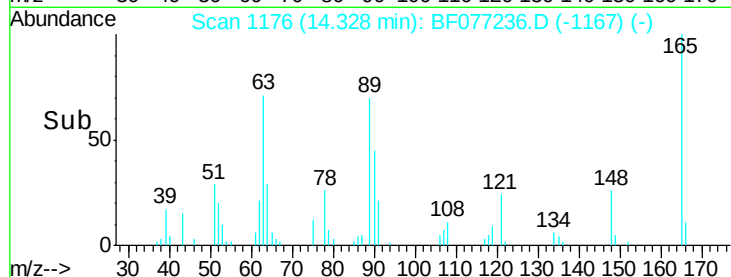
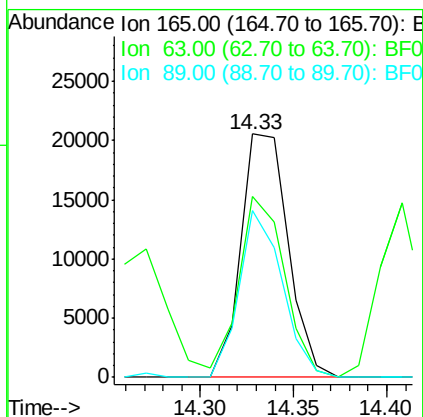
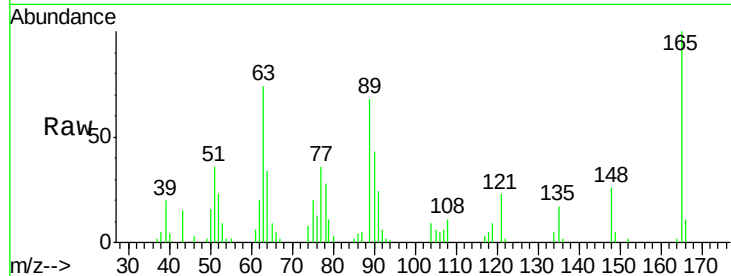




#50
 2,6-Dinitrotoluene
 Concen: 36.97 ng
 RT: 14.33 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

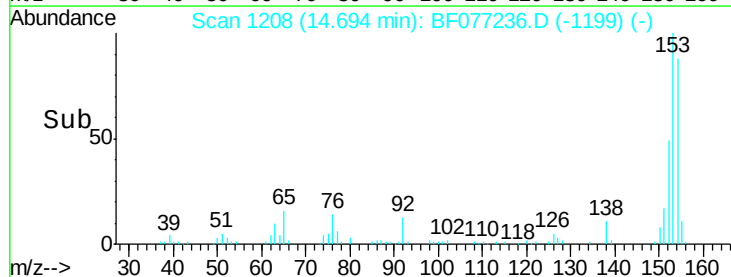
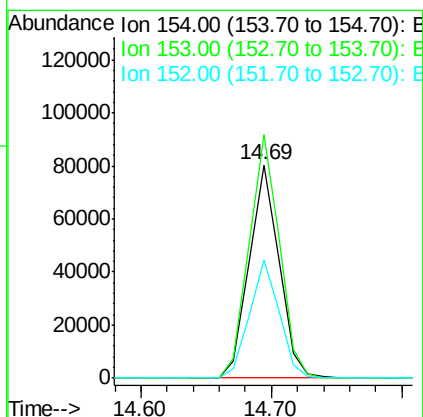
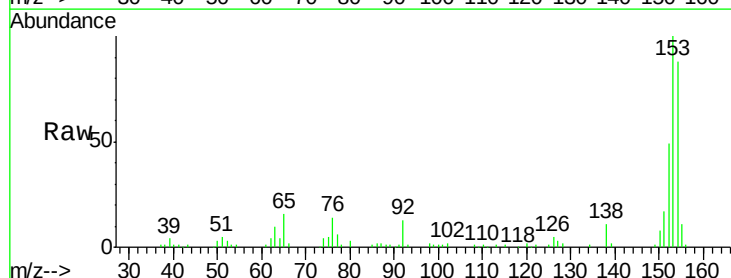
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

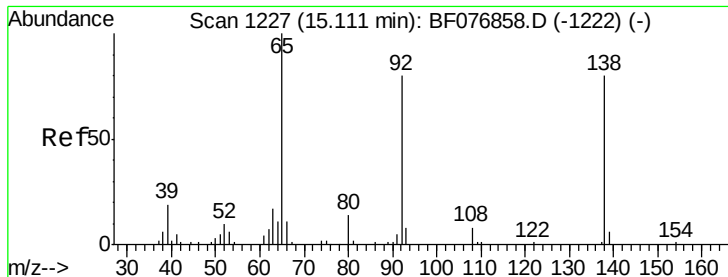
Tgt Ion:165 Resp: 36190
 Ion Ratio Lower Upper
 165 100
 63 74.2 48.1 72.1#
 89 68.3 47.2 70.8



#51
 Acenaphthene
 Concen: 32.00 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:154 Resp: 129081
 Ion Ratio Lower Upper
 154 100
 153 114.2 87.0 130.6
 152 55.7 43.5 65.3

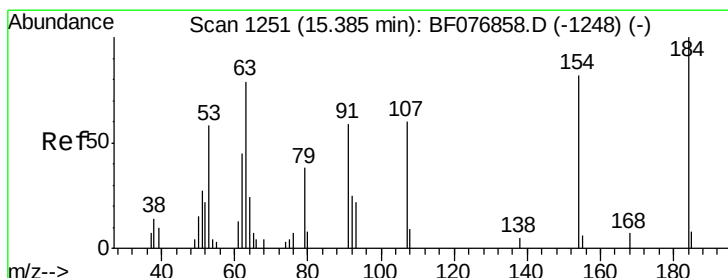
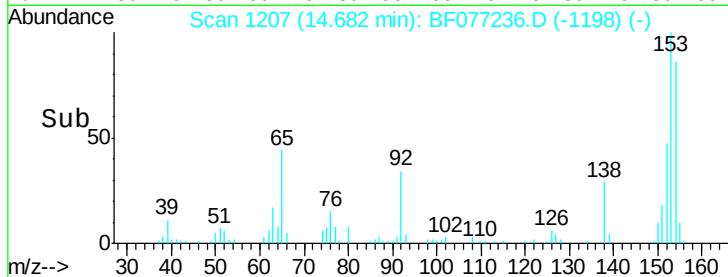
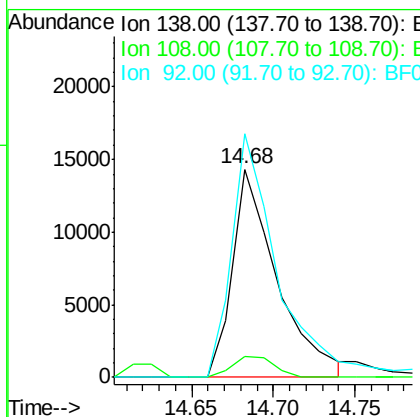
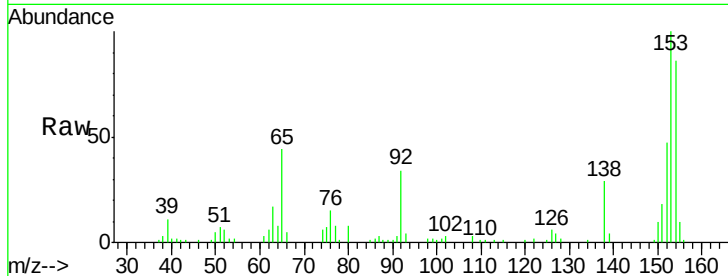




#52
 3-Nitroaniline
 Concen: 22.33 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

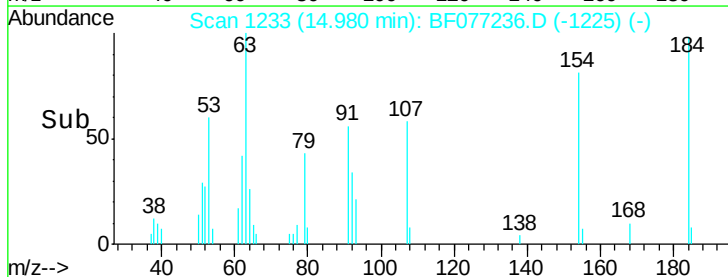
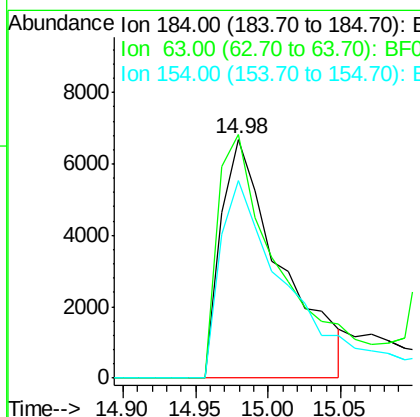
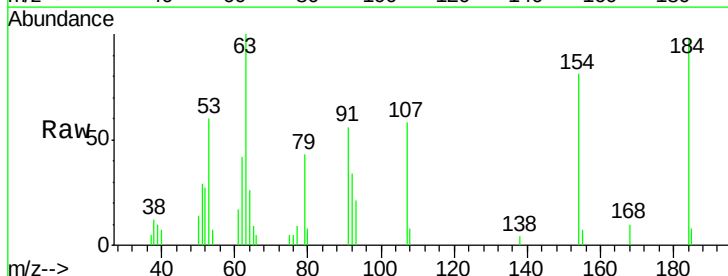
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

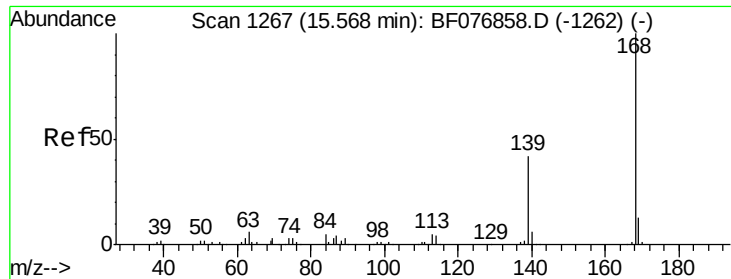
Tgt Ion:138 Resp: 27254
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.3 12.5
 92 117.0 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 47.43 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:184 Resp: 19211
 Ion Ratio Lower Upper
 184 100
 63 101.9 63.0 94.6#
 154 82.4 65.5 98.3

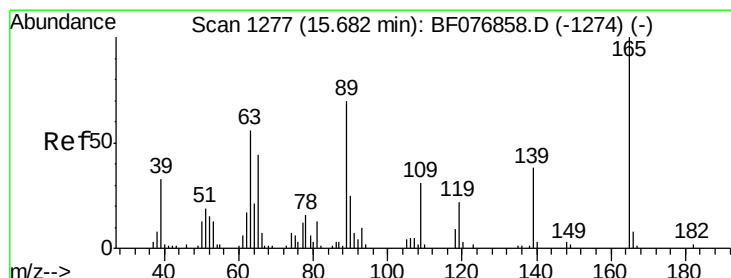
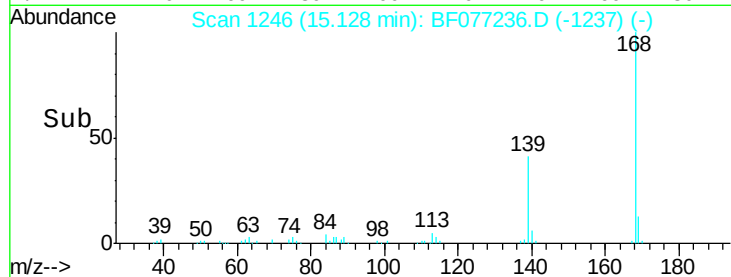
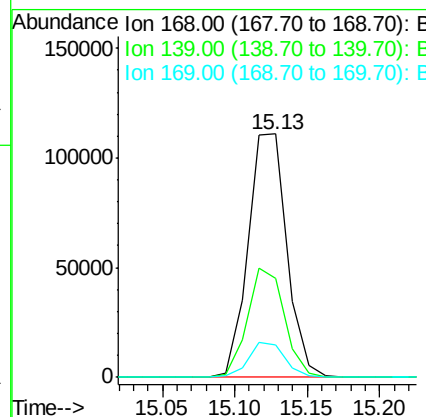
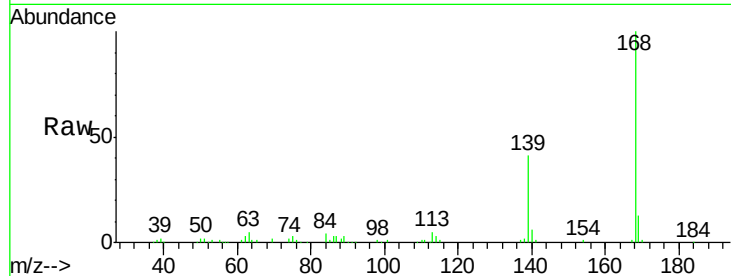




#54
Dibenzenofuran
Concen: 34.97 ng
RT: 15.13 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

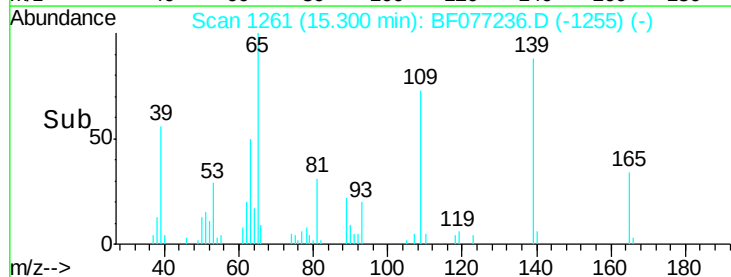
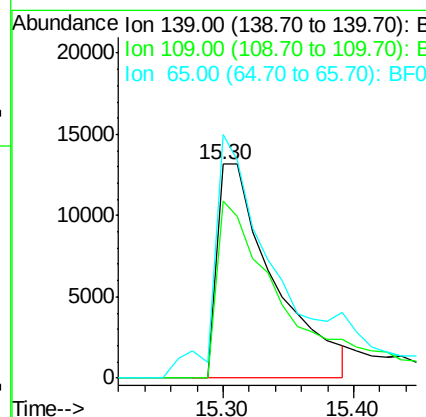
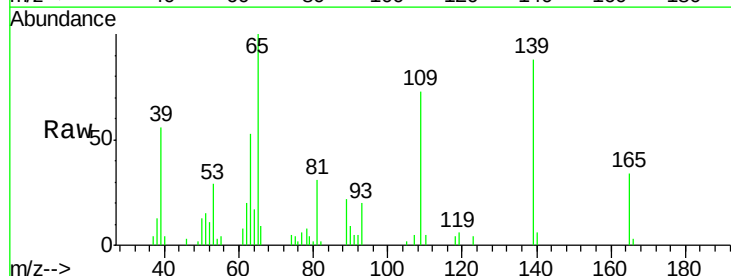
Instrument :
BNA_F
ClientSampleId :
PB81636BS

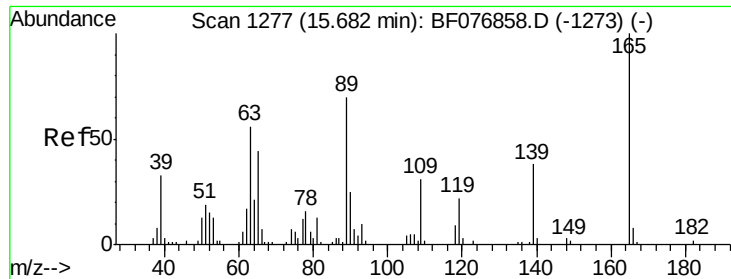
Tgt Ion:168 Resp: 205449
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.2
169 13.4 10.6 15.8



#55
4-Nitrophenol
Concen: 52.13 ng
RT: 15.30 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:139 Resp: 40035
Ion Ratio Lower Upper
139 100
109 83.0 61.0 101.0
65 113.8 96.6 136.6

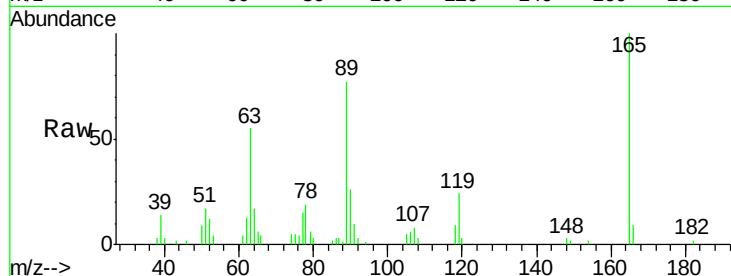




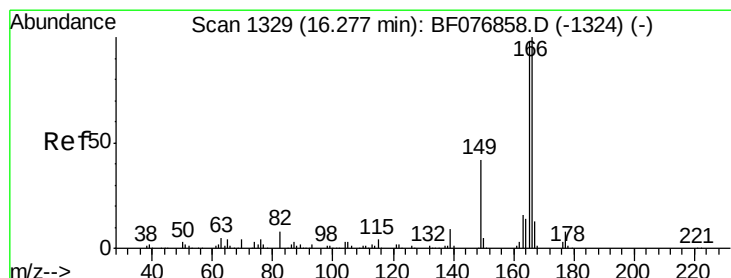
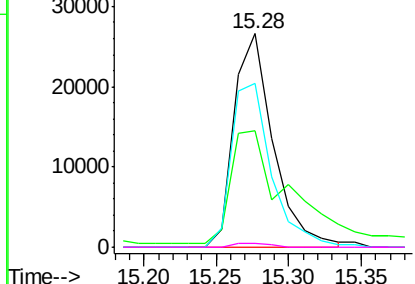
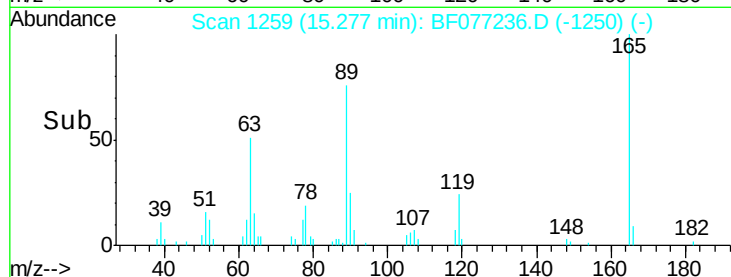
#56
2,4-Dinitrotoluene
Concen: 34.65 ng
RT: 15.28 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:165 Resp: 49948
Ion Ratio Lower Upper
165 100
63 54.8 44.8 67.2
89 77.0 56.2 84.2
182 2.0 1.5 2.3

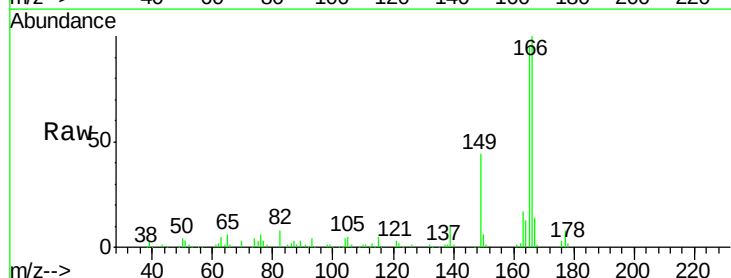


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

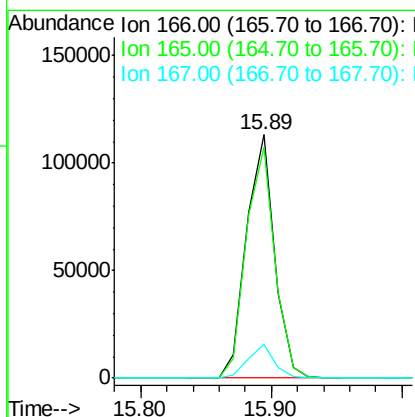
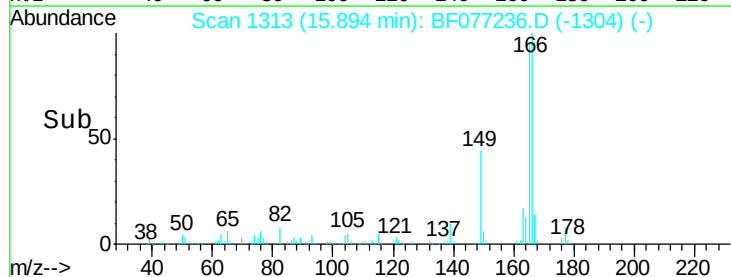


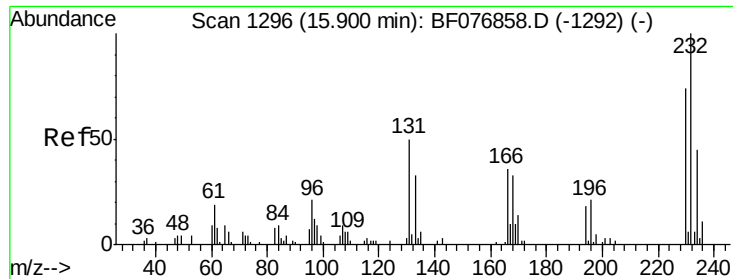
#57
Fluorene
Concen: 33.97 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:166 Resp: 169091
Ion Ratio Lower Upper
166 100
165 95.1 78.5 117.7
167 14.1 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

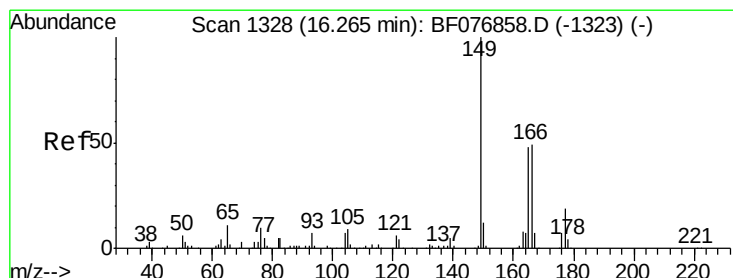
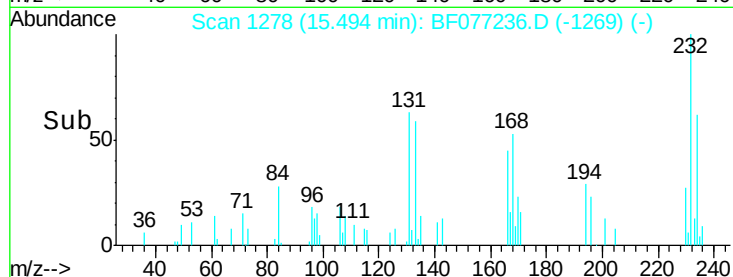
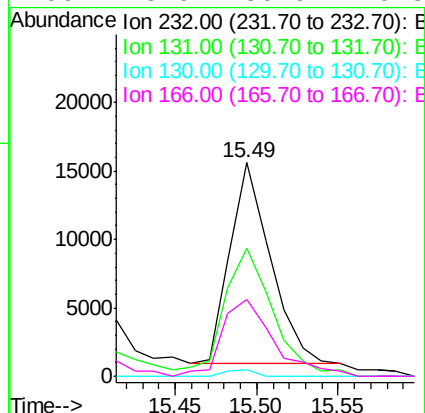
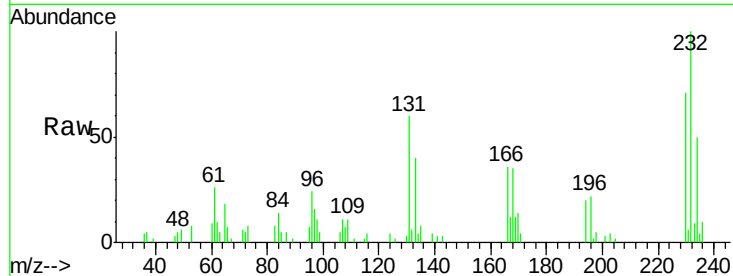




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.26 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

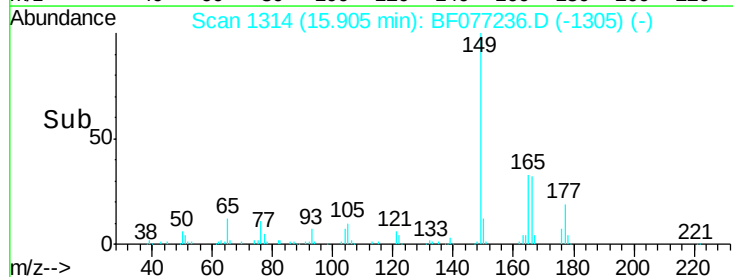
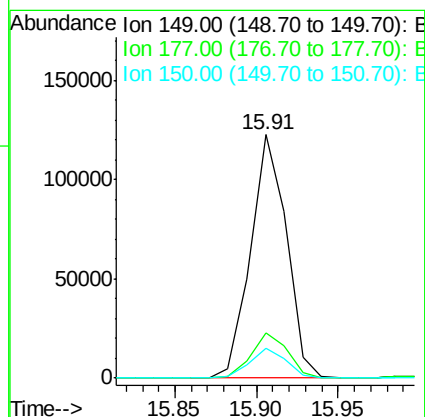
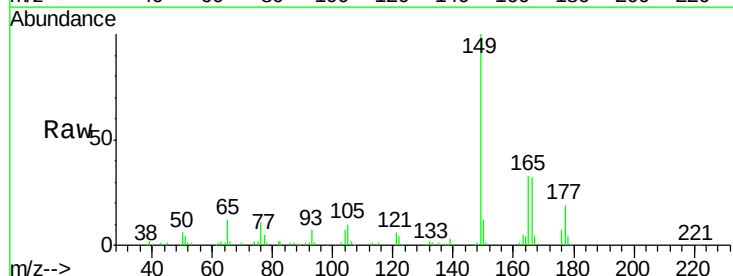
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

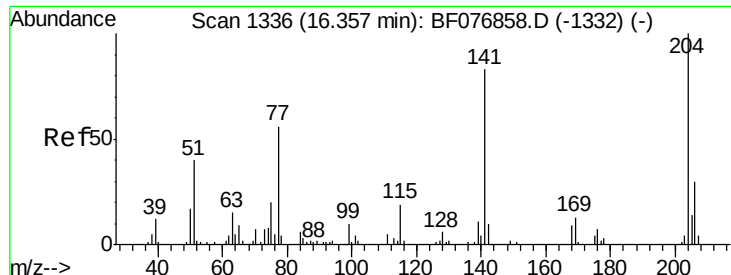
Tgt Ion: 232 Resp: 25194
 Ion Ratio Lower Upper
 232 100
 131 68.3 45.0 67.6#
 130 2.4 2.6 3.8#
 166 48.9 30.9 46.3#



#59
 Diethylphthalate
 Concen: 37.67 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 149 Resp: 186539
 Ion Ratio Lower Upper
 149 100
 177 18.8 15.0 22.6
 150 12.4 9.4 14.0

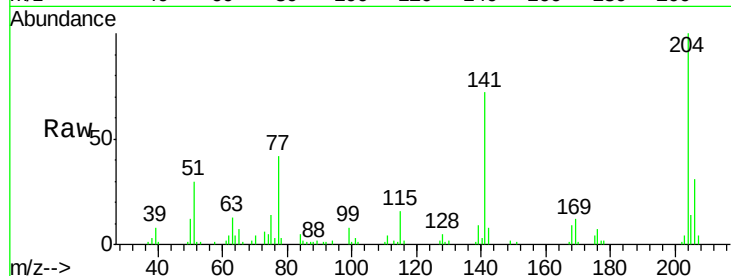




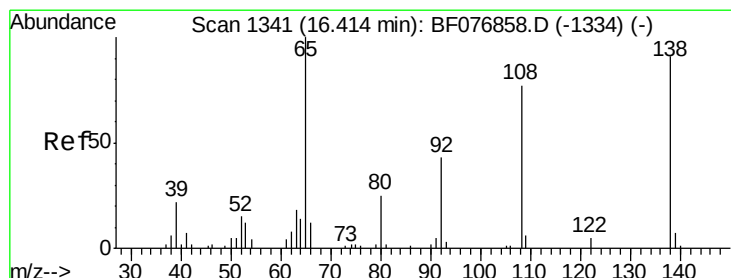
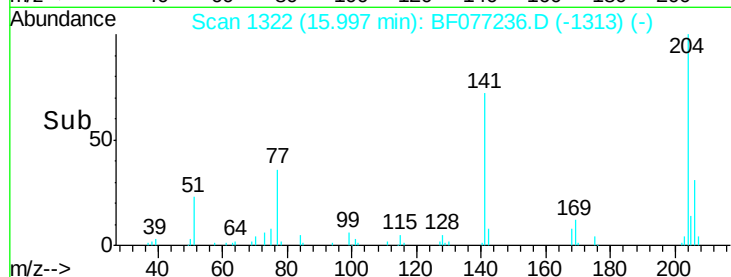
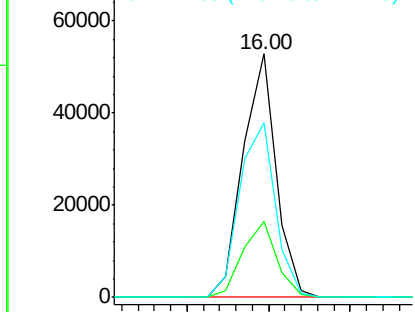
#60
4-Chlorophenyl-phenylether
Concen: 36.56 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:204 Resp: 74453
Ion Ratio Lower Upper
204 100
206 31.4 24.2 36.2
141 71.9 66.7 100.1

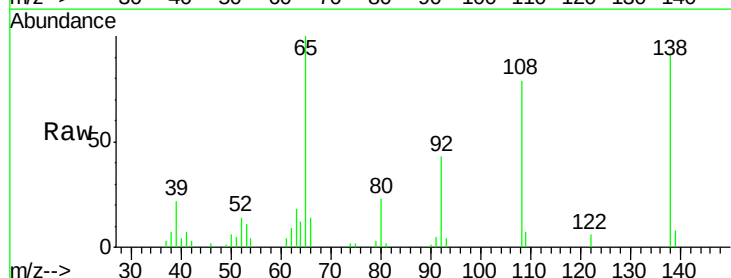


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

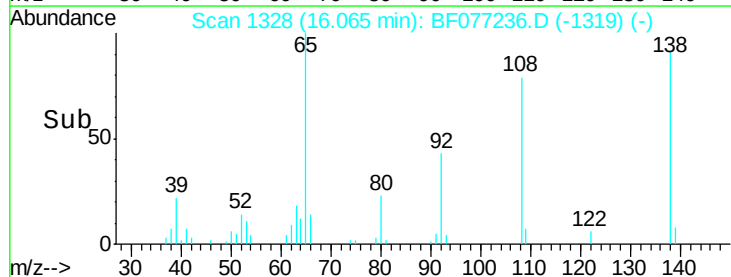
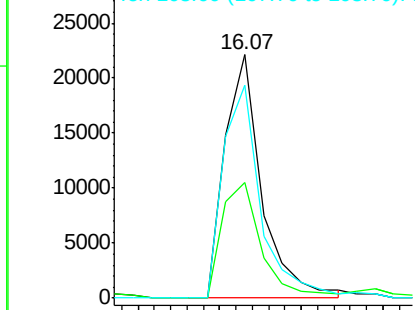


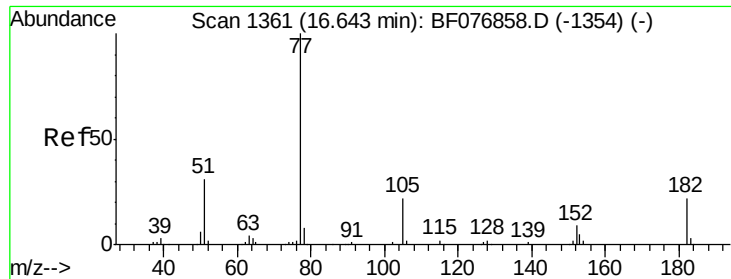
#61
4-Nitroaniline
Concen: 28.63 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:138 Resp: 34597
Ion Ratio Lower Upper
138 100
92 47.3 26.7 66.7
108 87.4 64.5 104.5



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





#62

Azobenzene

Concen: 35.96 ng

RT: 16.29 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion: 77 Resp: 185516

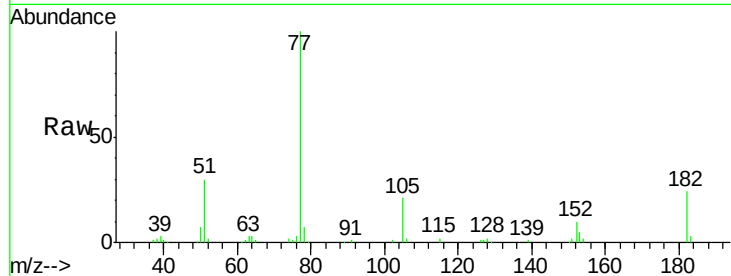
Ion Ratio Lower Upper

77 100

182 23.6 2.0 42.0

105 21.2 2.3 42.3

51 30.2 10.7 50.7

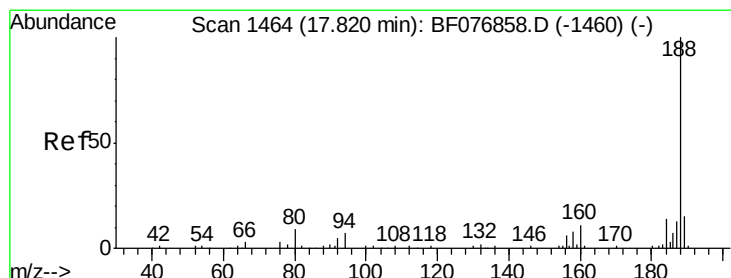
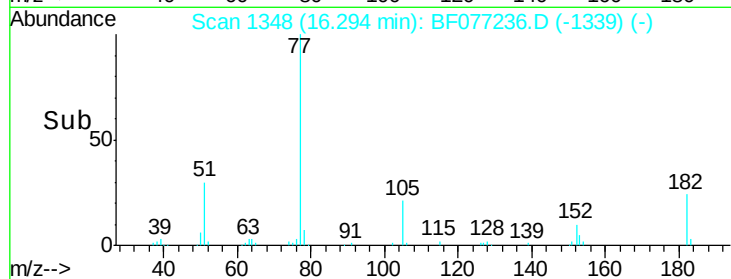
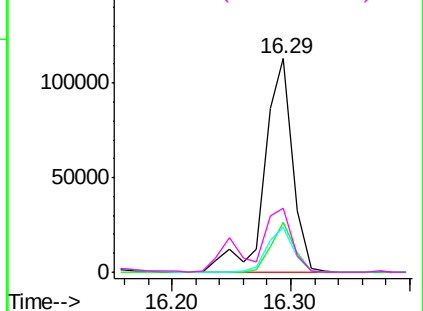


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077236.D

Acq: 10 Feb 2015 14:14

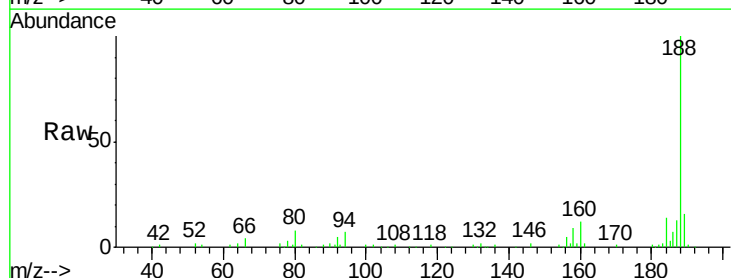
Tgt Ion: 188 Resp: 116153

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

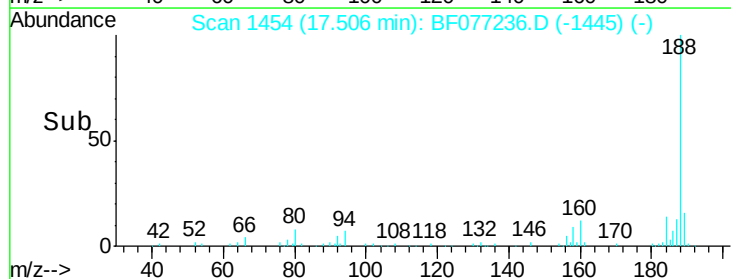
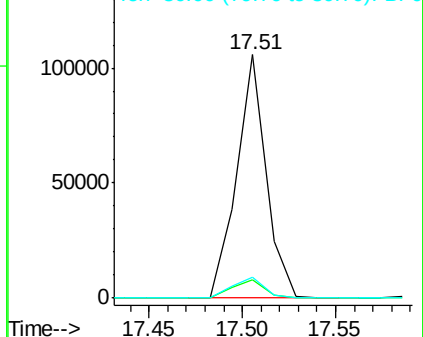
80 8.4 6.9 10.3

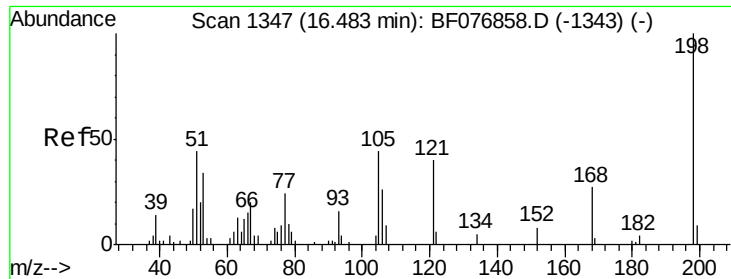


Abundance Ion 188.00 (187.70 to 188.70): E

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: 30.17 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

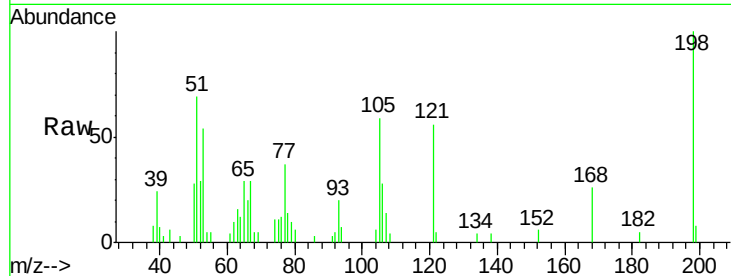
Tgt Ion:198 Resp: 21533

Ion Ratio Lower Upper

198 100

51 68.9 24.2 64.2#

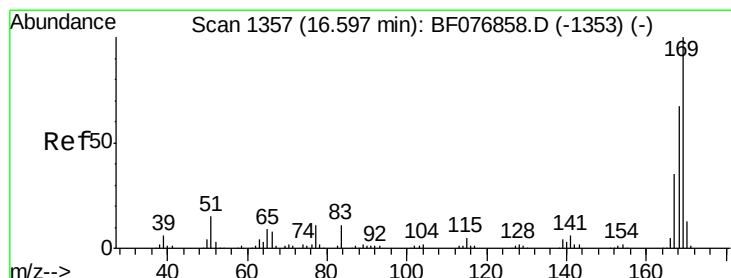
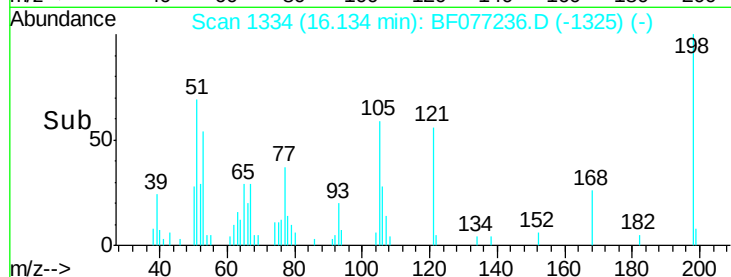
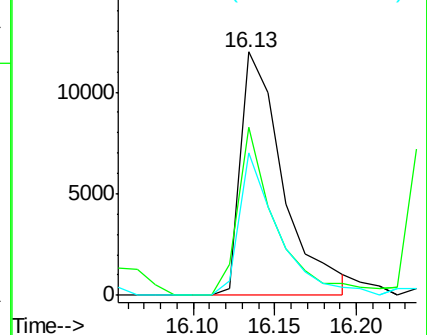
105 58.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.62 ng

RT: 16.25 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

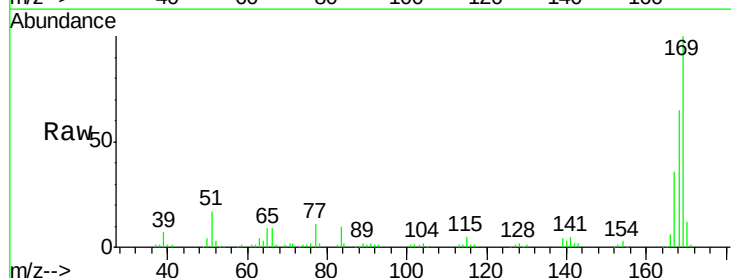
Tgt Ion:169 Resp: 143383

Ion Ratio Lower Upper

169 100

168 64.8 53.8 80.6

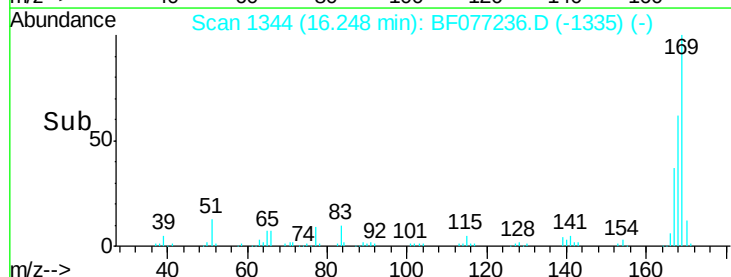
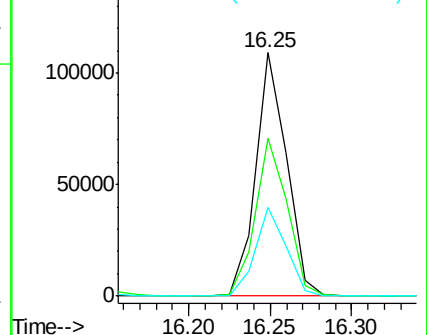
167 36.5 27.8 41.6

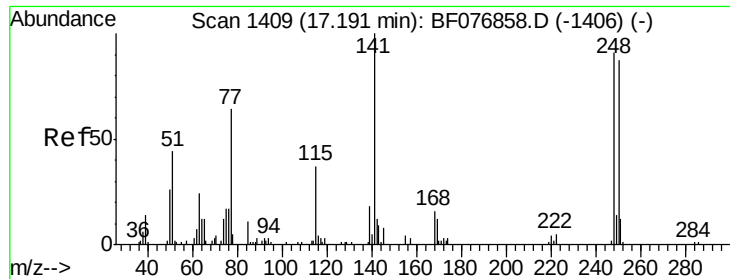


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

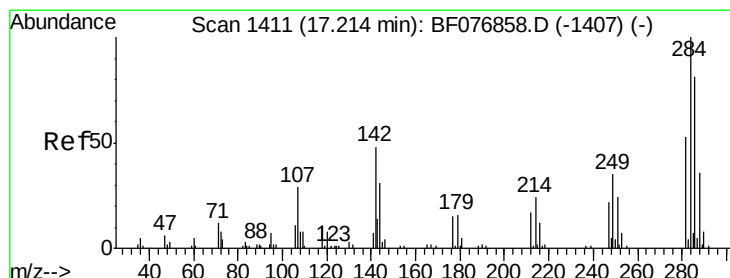
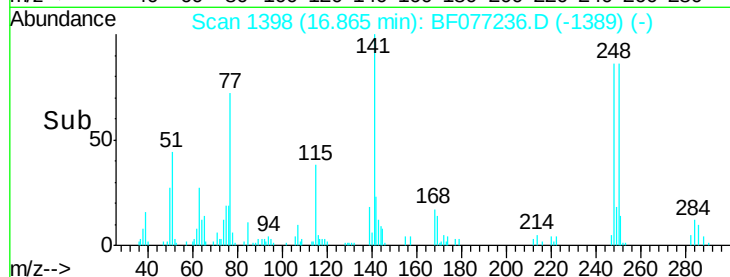
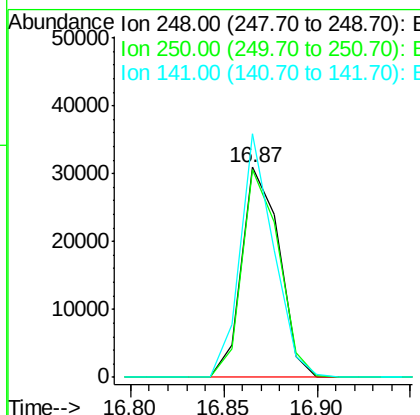
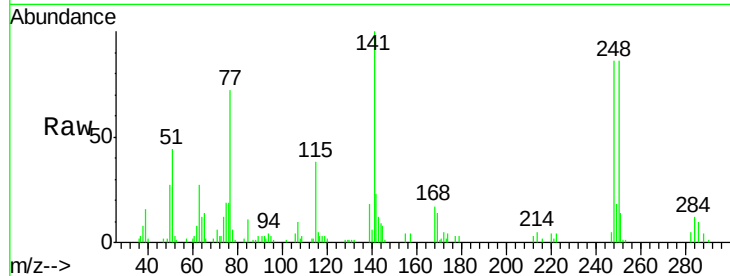




#66
 4-Bromophenyl-phenylether
 Concen: 36.58 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

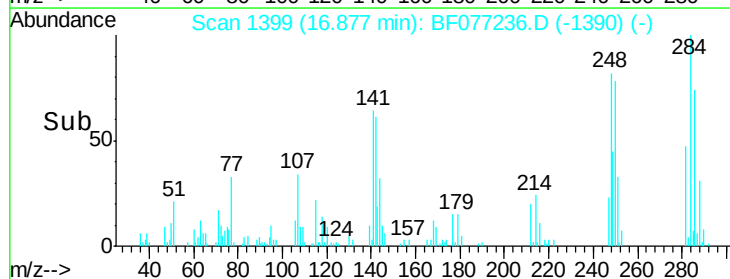
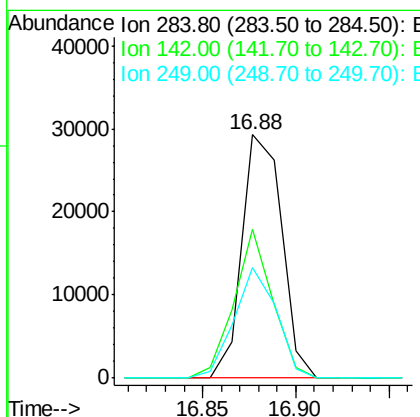
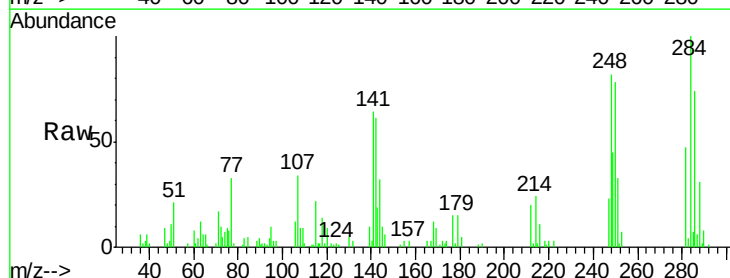
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

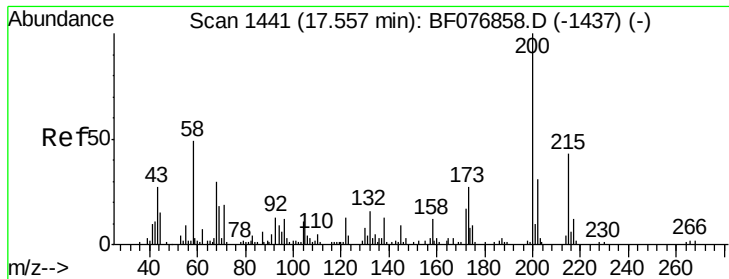
Tgt Ion:248 Resp: 43044
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.1 115.7
 141 115.9 88.2 132.4



#67
 Hexachlorobenzene
 Concen: 34.97 ng
 RT: 16.88 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:284 Resp: 43366
 Ion Ratio Lower Upper
 284 100
 142 61.4 38.2 57.4#
 249 45.3 28.2 42.2#





#68

Atrazine

Concen: 38.76 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

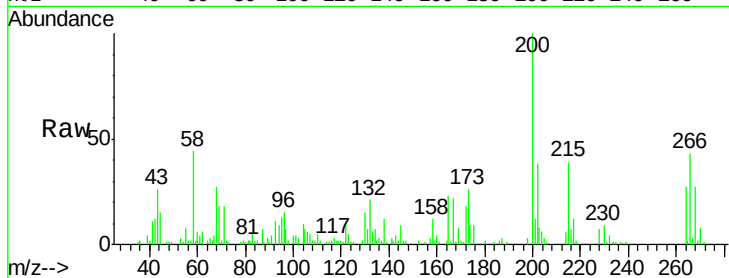
Tgt Ion:200 Resp: 48708

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

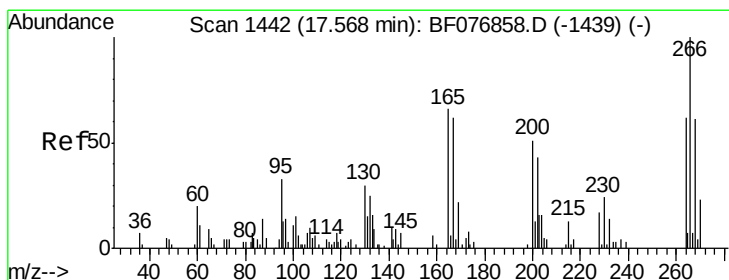
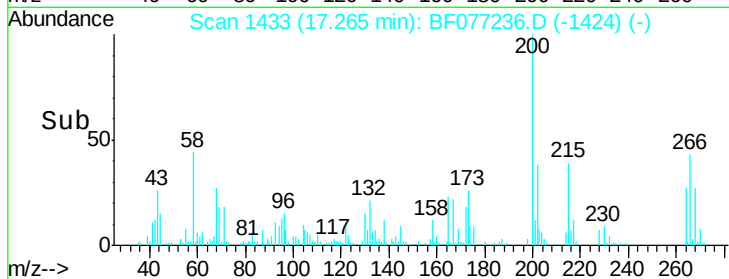
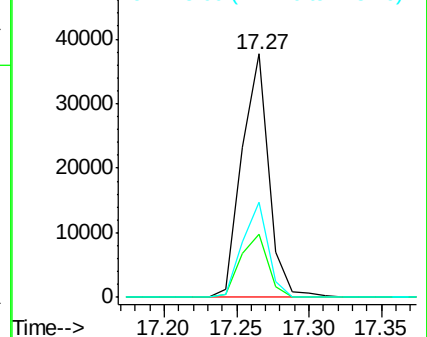
215 39.3 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 47.11 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

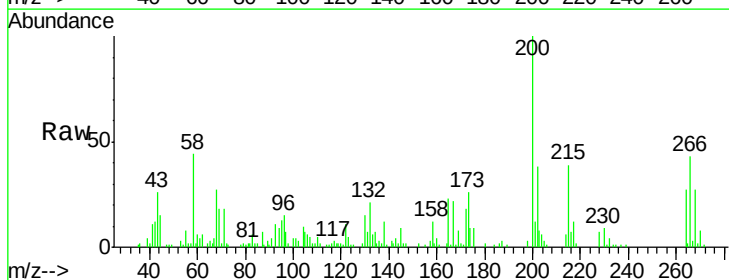
Tgt Ion:266 Resp: 25028

Ion Ratio Lower Upper

266 100

268 62.9 48.6 72.8

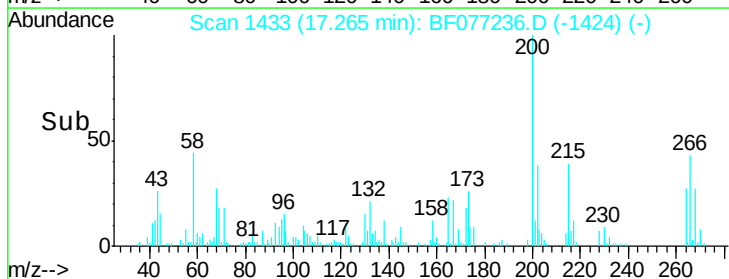
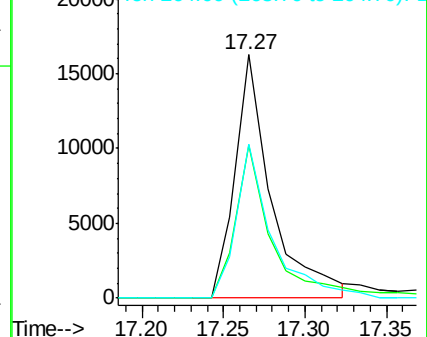
264 63.4 49.5 74.3

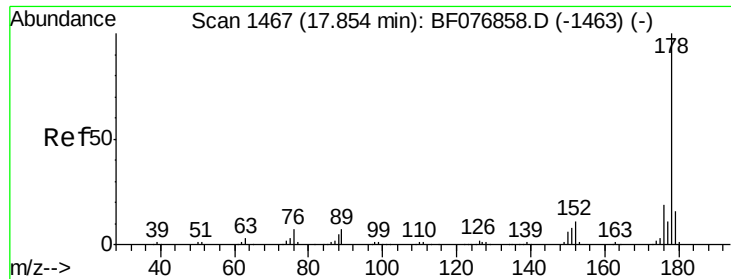


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.23 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

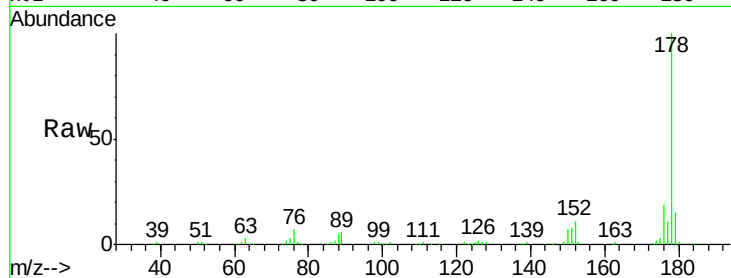
Tgt Ion:178 Resp: 247930

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

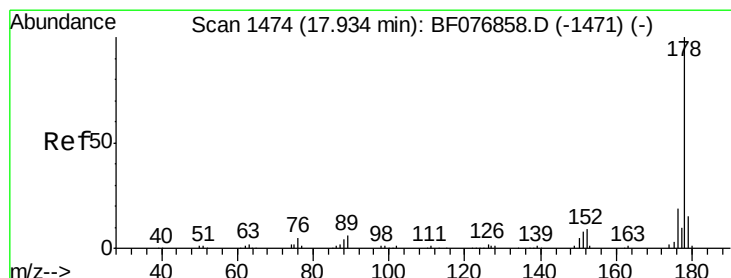
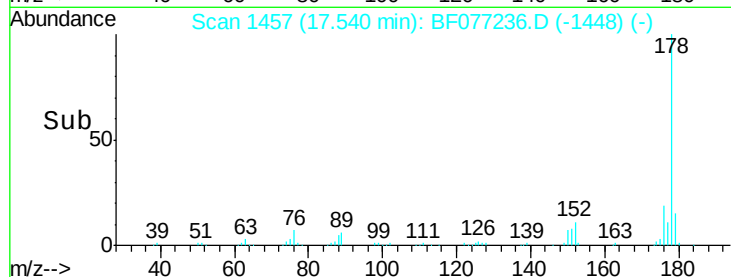
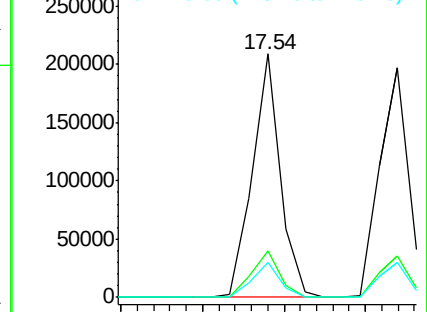
179 14.6 12.7 19.1



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: 35.12 ng

RT: 17.62 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

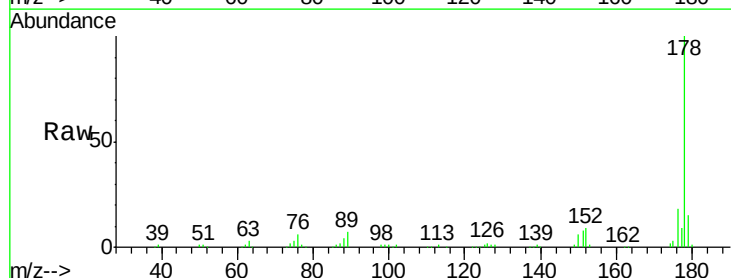
Tgt Ion:178 Resp: 248072

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

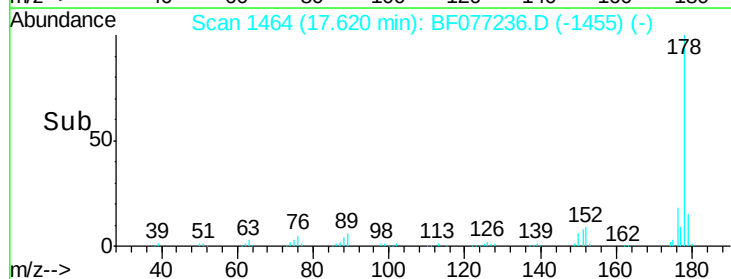
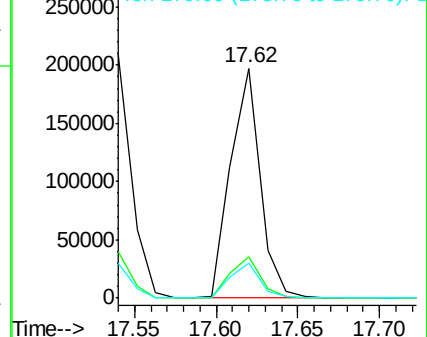
179 15.4 11.9 17.9

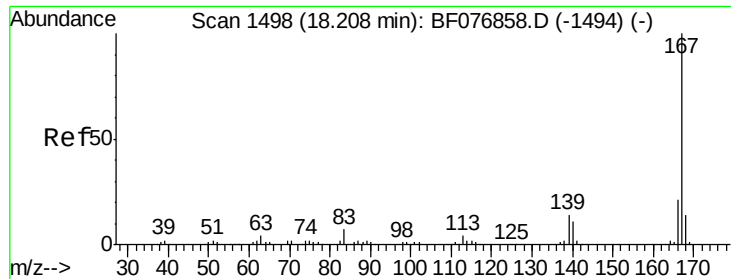


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

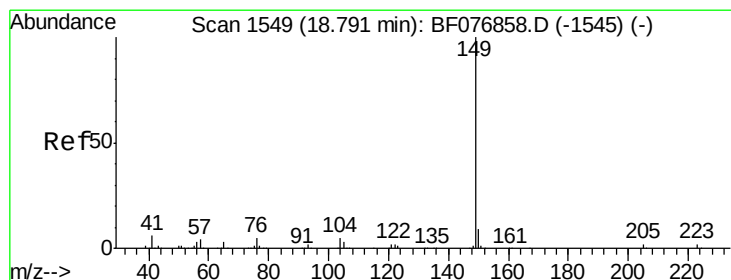
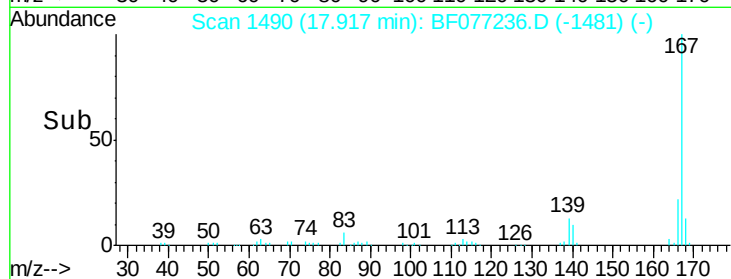
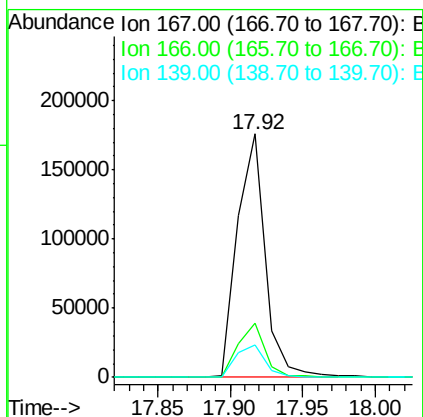
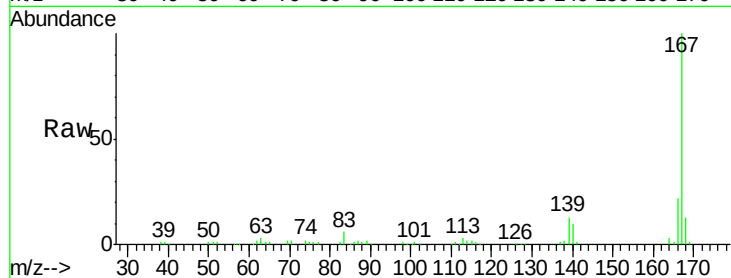




#72
 Carbazole
 Concen: 34.23 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

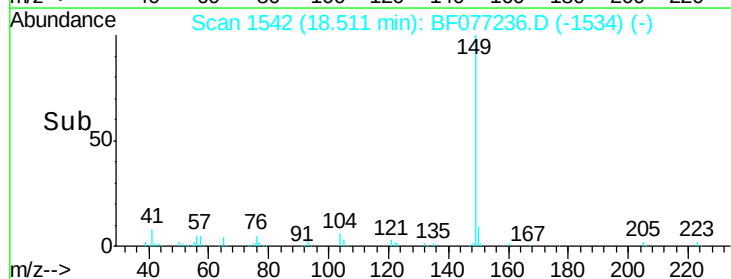
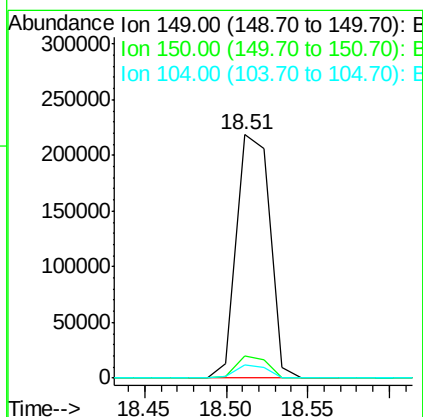
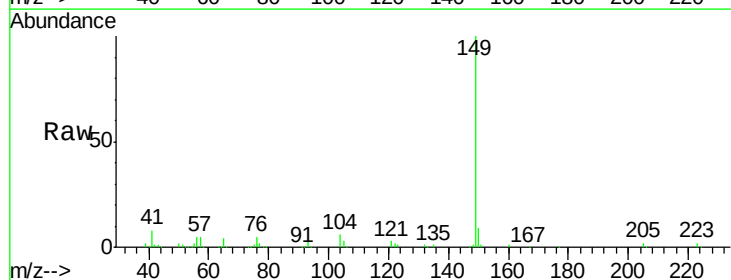
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

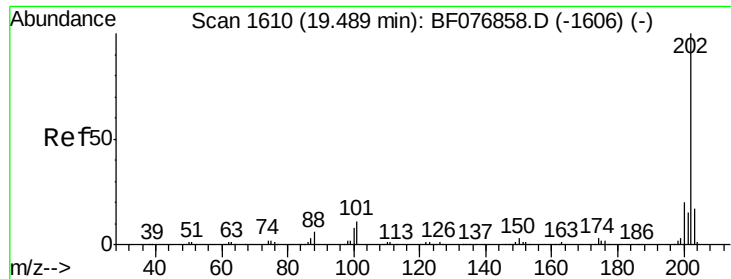
Tgt Ion:167 Resp: 234485
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.3 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 38.75 ng
 RT: 18.51 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion:149 Resp: 307295
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 5.7 3.7 5.5#





#74

Fluoranthene

Concen: 35.66 ng

RT: 19.20 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

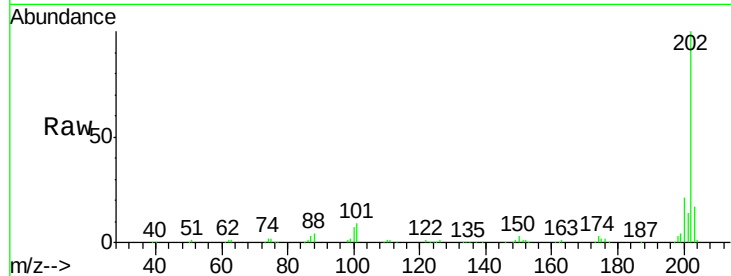
Tgt Ion: 202 Resp: 264673

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.7

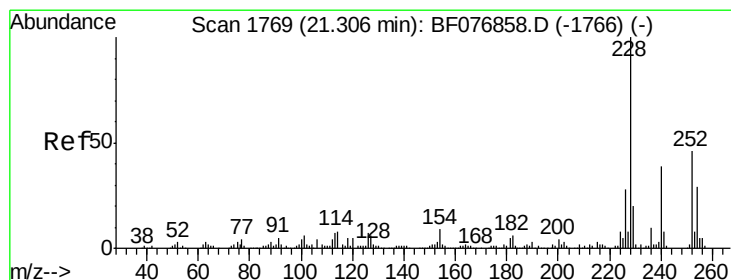
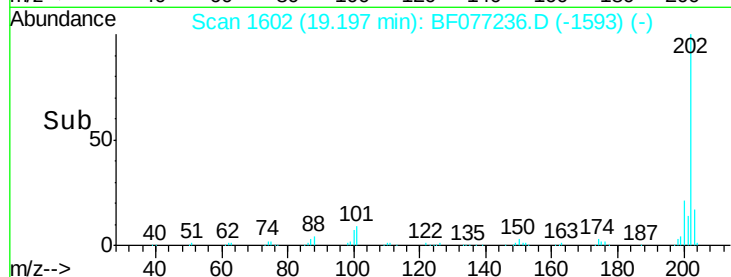
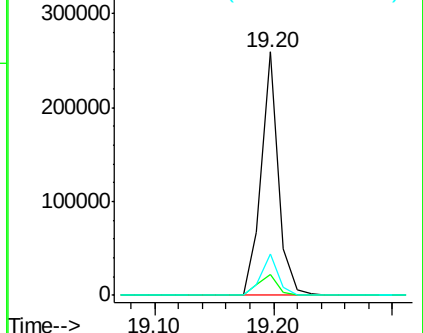
203 17.2 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.01 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

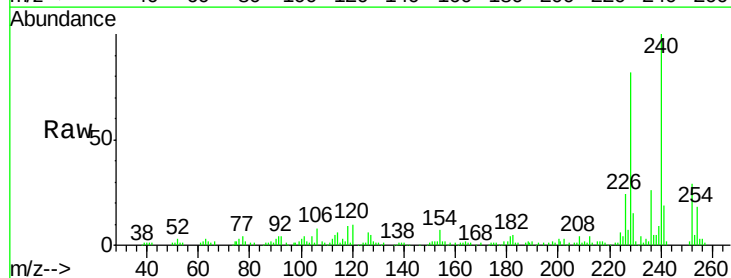
Tgt Ion: 240 Resp: 112534

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

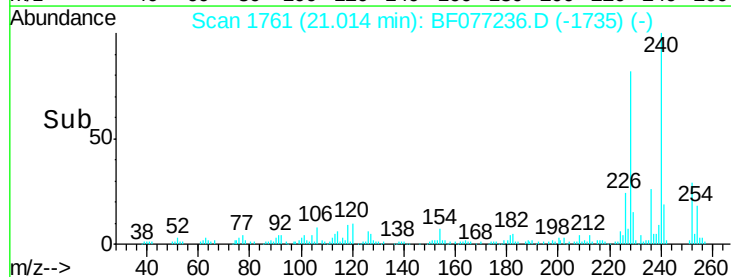
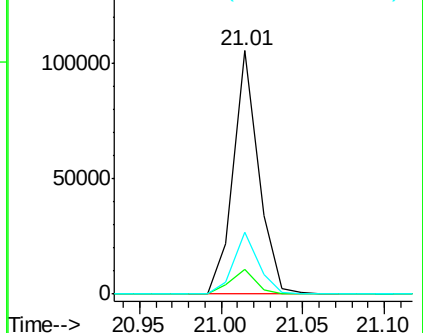
236 25.6 20.2 30.2

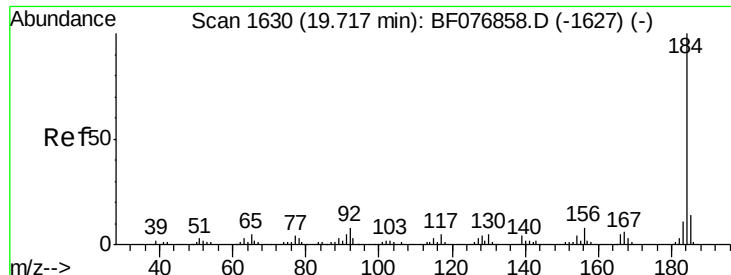


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

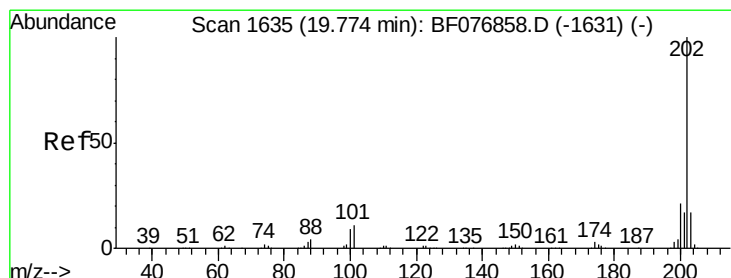
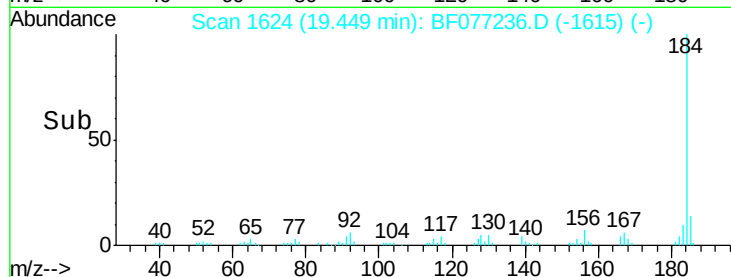
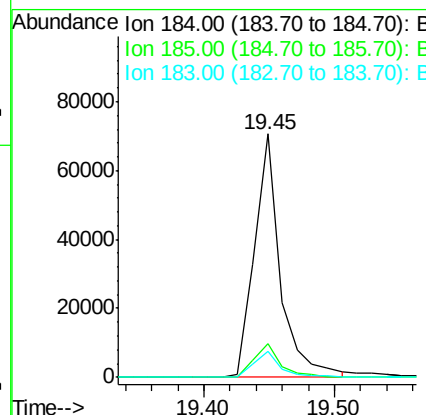
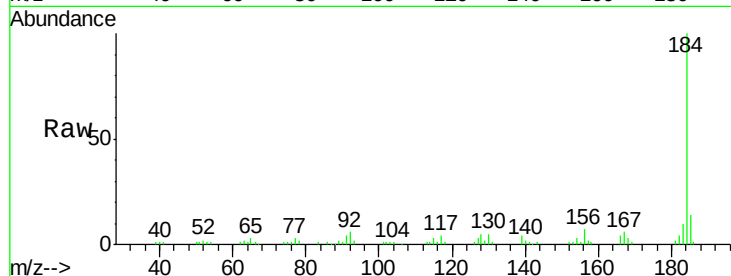




#76
Benzidine
Concen: 27.06 ng
RT: 19.45 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

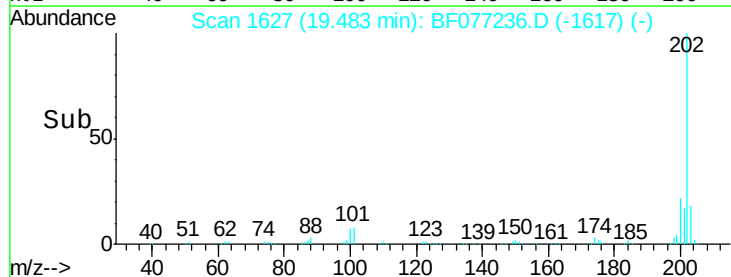
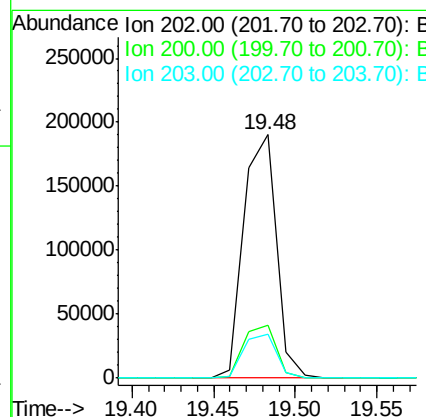
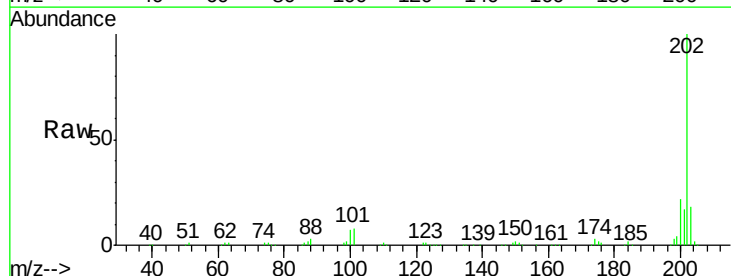
Instrument :
BNA_F
ClientSampleId :
PB81636BS

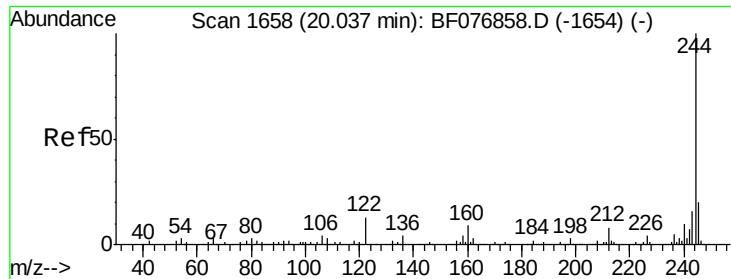
Tgt Ion:184 Resp: 97449
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 10.5 9.0 13.6



#77
Pyrene
Concen: 34.23 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:202 Resp: 264010
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 18.3 14.0 21.0

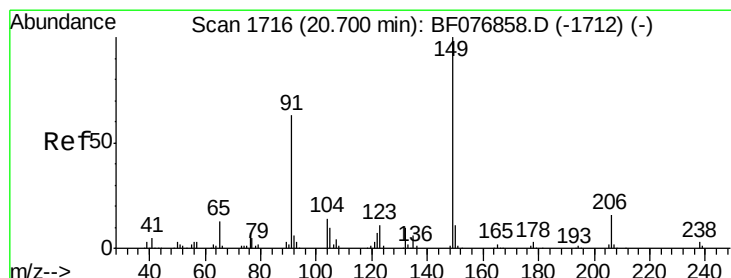
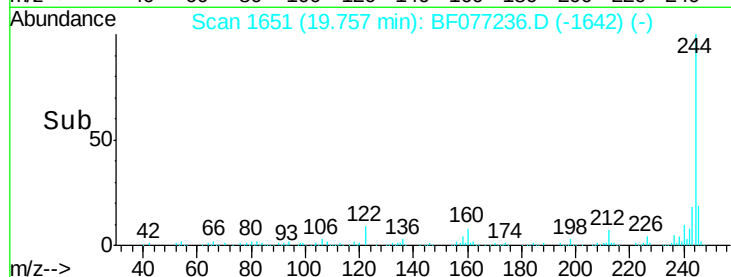
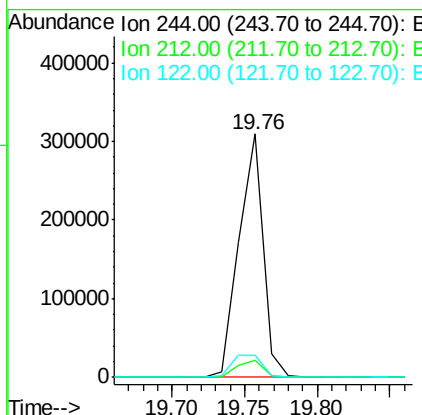
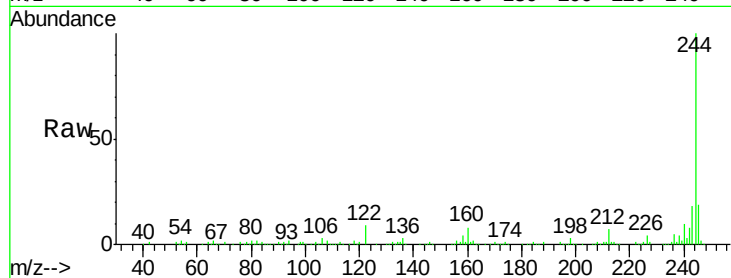




#78
 Terphenyl-d14
 Concen: 73.13 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

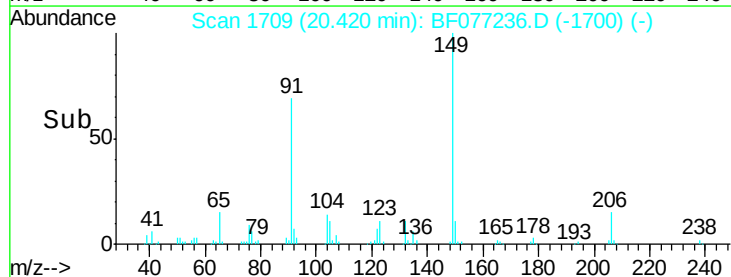
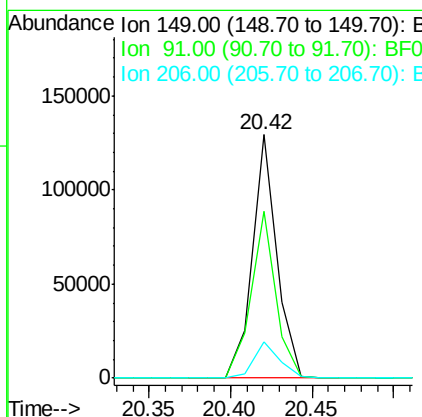
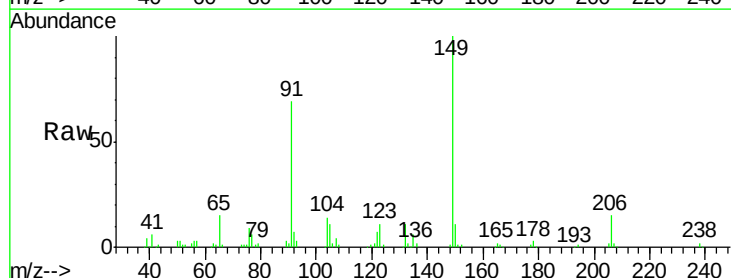
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

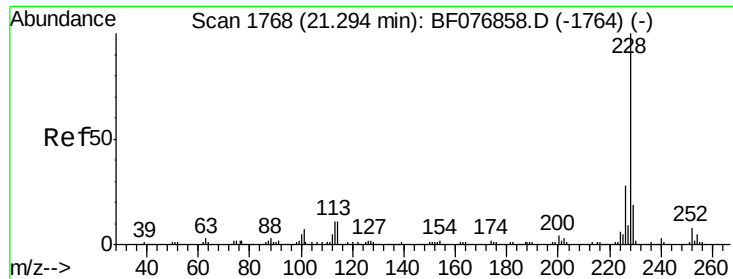
Tgt Ion: 244 Resp: 357490
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 9.3 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 38.70 ng
 RT: 20.42 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 149 Resp: 135159
 Ion Ratio Lower Upper
 149 100
 91 68.8 50.6 76.0
 206 15.0 12.8 19.2





#80

Benzo(a)anthracene

Concen: 32.81 ng

RT: 21.00 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

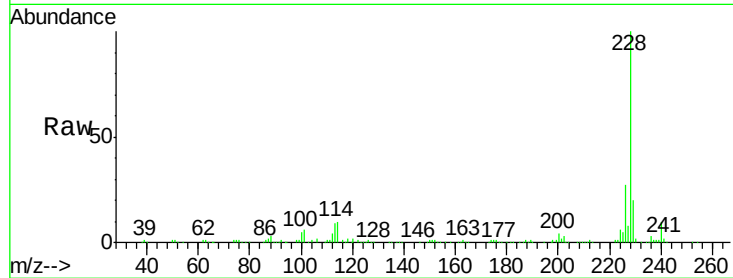
Tgt Ion:228 Resp: 231658

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

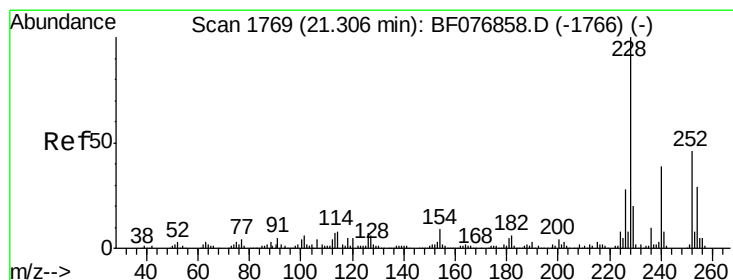
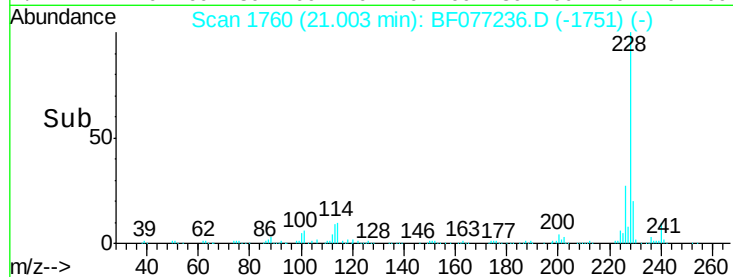
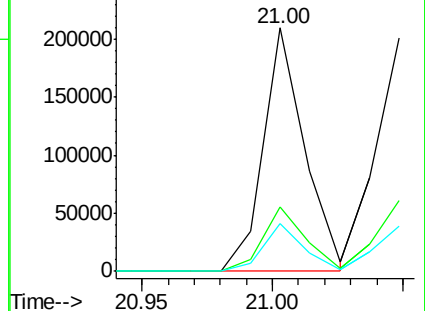
229 19.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 22.33 ng

RT: 21.03 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

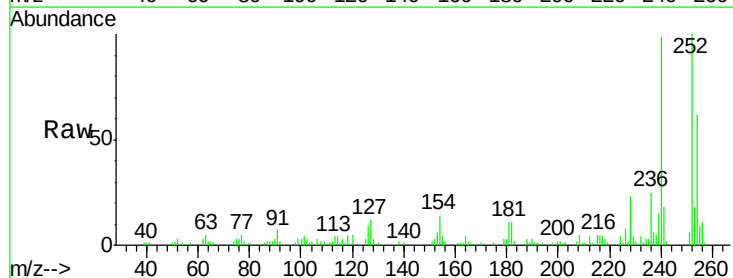
Tgt Ion:252 Resp: 50106

Ion Ratio Lower Upper

252 100

254 61.7 50.2 75.4

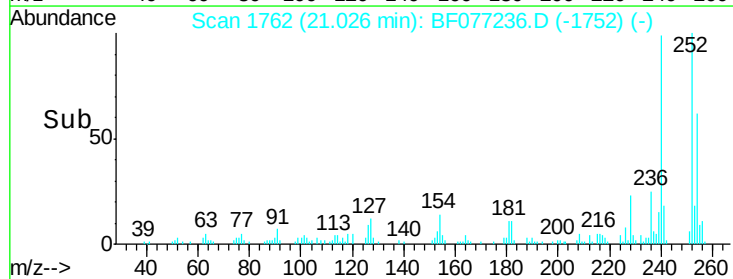
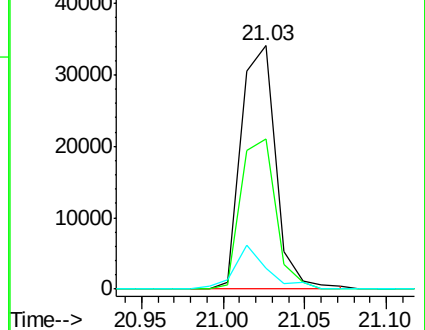
126 8.8 11.5 17.3#

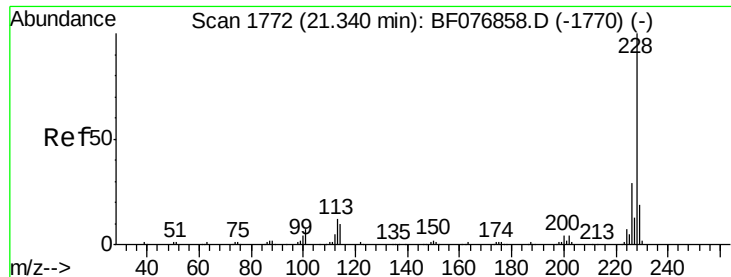


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.85 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

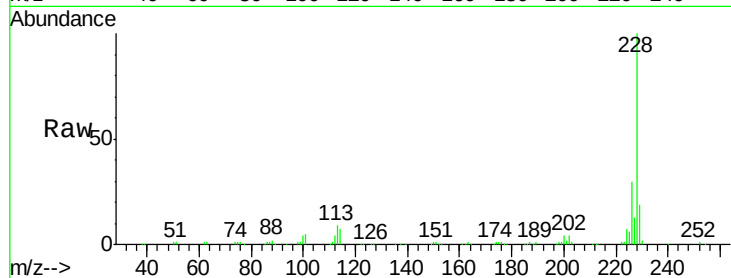
Tgt Ion:228 Resp: 224384

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

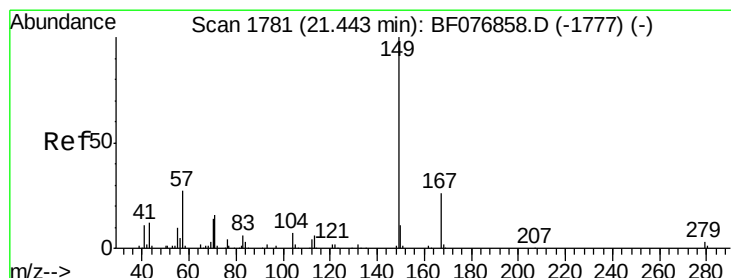
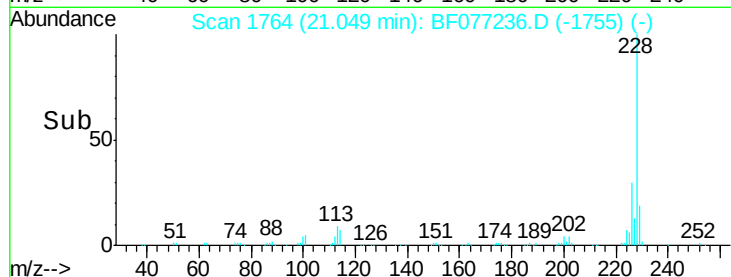
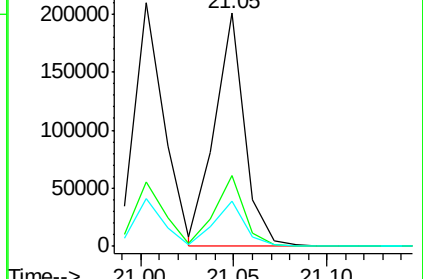
229 19.4 15.4 23.0



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: 39.37 ng

RT: 21.16 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

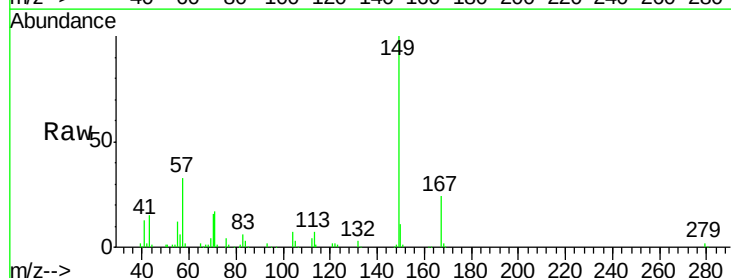
Tgt Ion:149 Resp: 190273

Ion Ratio Lower Upper

149 100

167 24.1 20.6 30.8

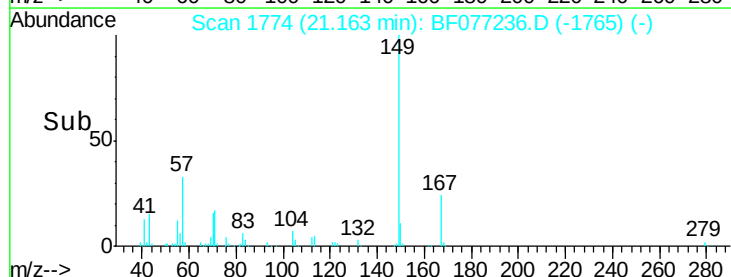
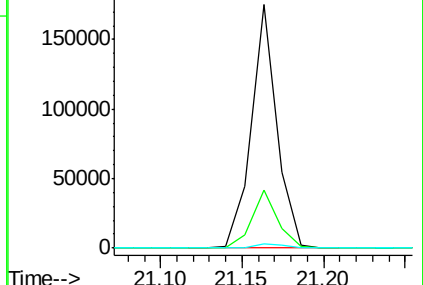
279 1.8 2.2 3.2#

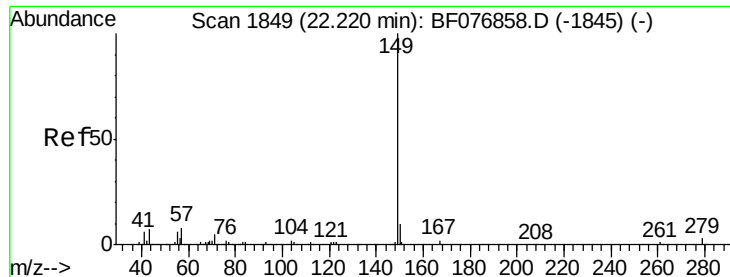


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.91 ng

RT: 21.93 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

Instrument :

BNA_F

ClientSampleId :

PB81636BS

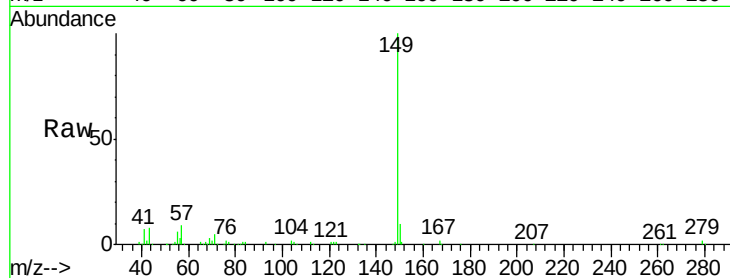
Tgt Ion:149 Resp: 334714

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

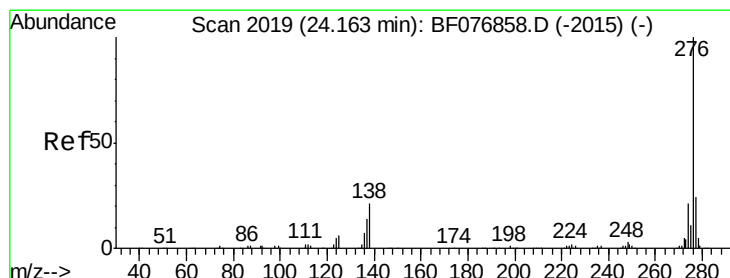
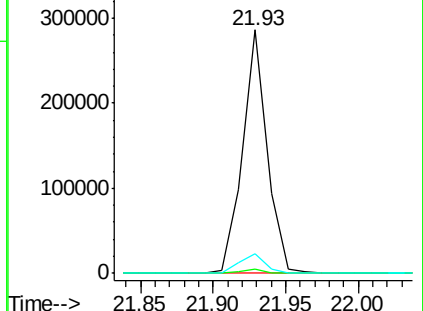
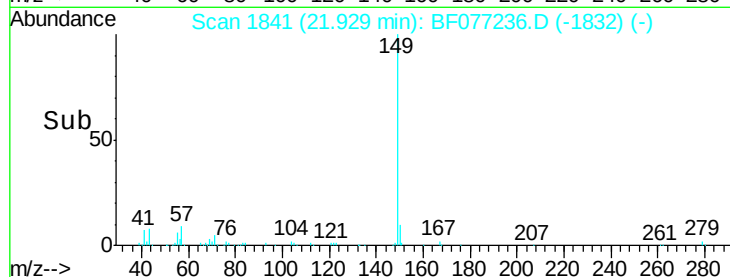
43 8.5 6.6 10.0



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: 23.59 ng

RT: 23.78 min Scan# 2003

Delta R.T. 0.05 min

Lab File: BF077236.D

Acq: 10 Feb 2015 14:14

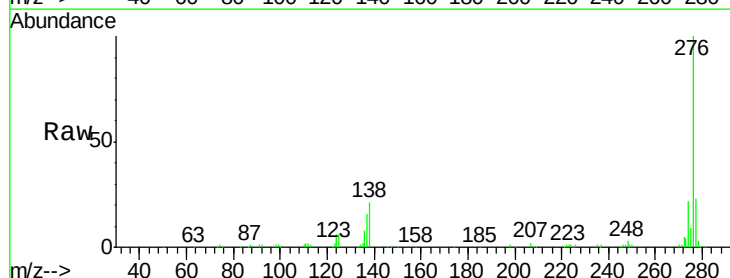
Tgt Ion:276 Resp: 160954

Ion Ratio Lower Upper

276 100

138 24.4 14.6 22.0#

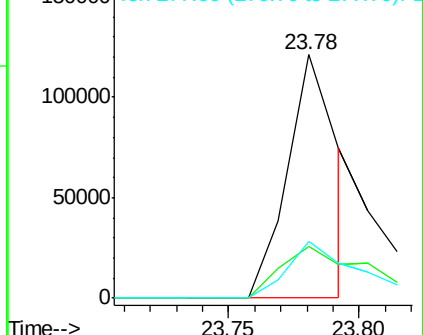
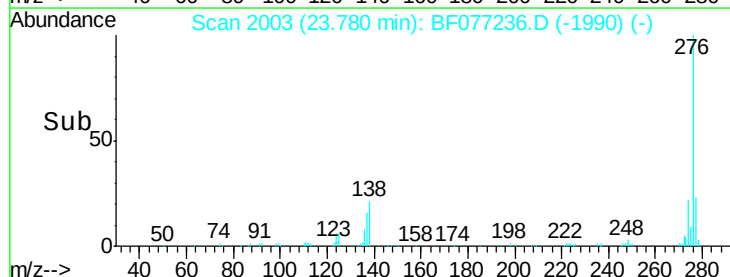
277 23.3 14.8 22.2#

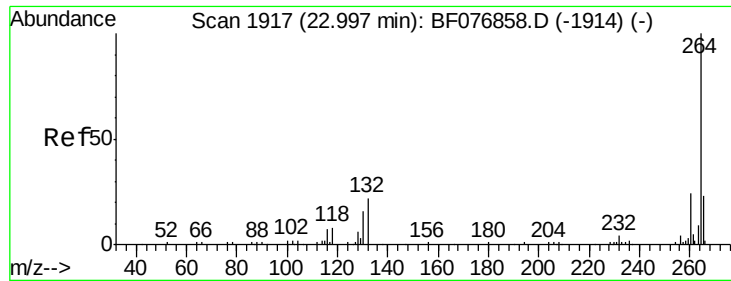


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

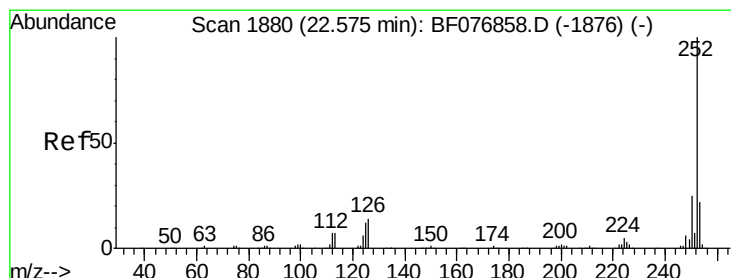
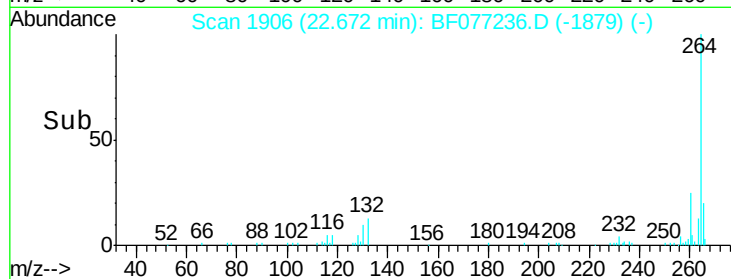
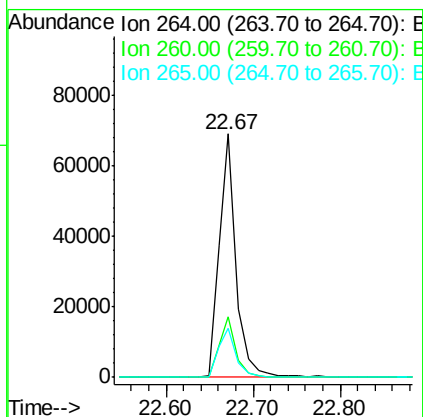
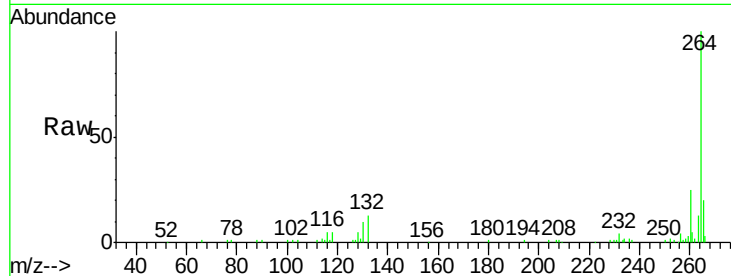




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.67 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

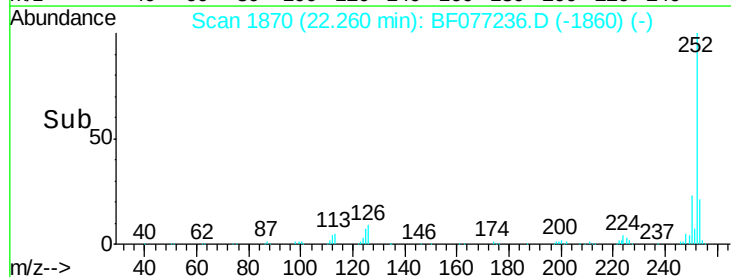
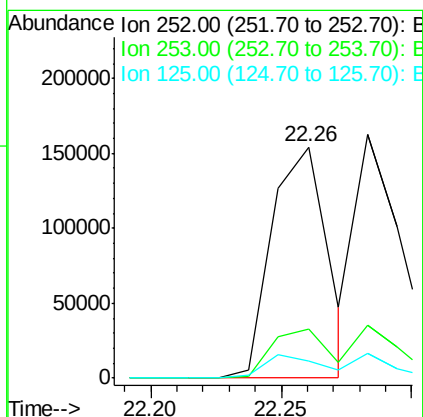
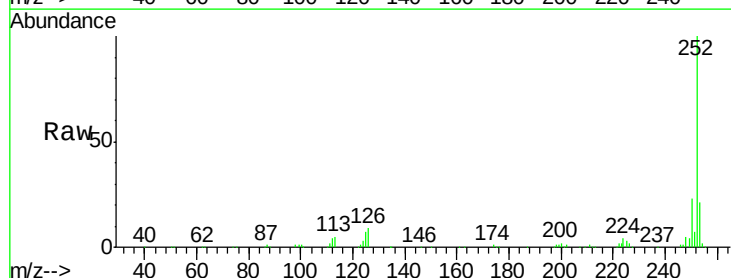
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

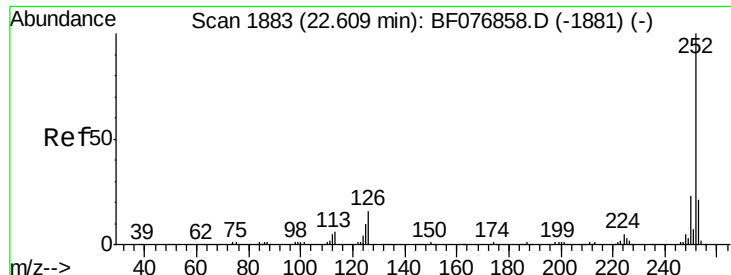
Tgt Ion: 264 Resp: 93468
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.4
 265 20.2 18.1 27.1



#87
 Benzo(b)fluoranthene
 Concen: 36.32 ng
 RT: 22.26 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: BF077236.D
 Acq: 10 Feb 2015 14:14

Tgt Ion: 252 Resp: 228629
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 7.1 9.4 14.0#

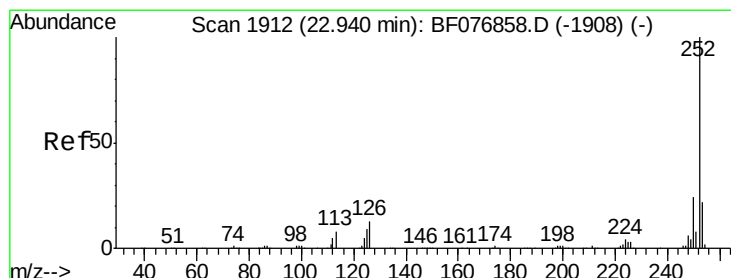
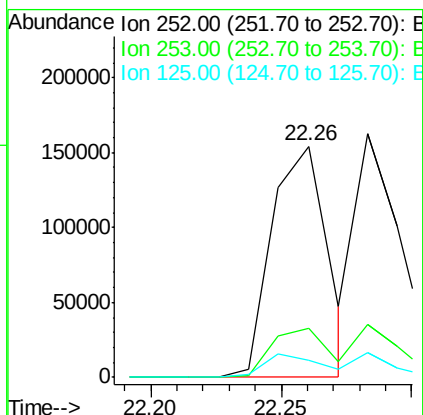
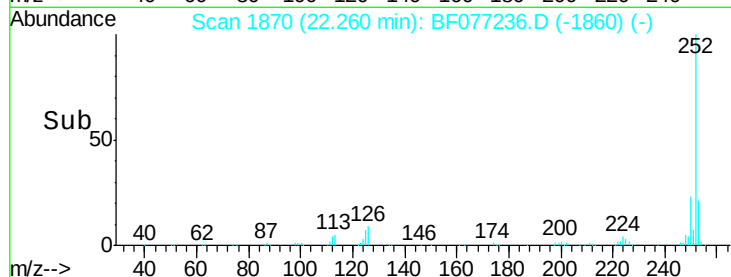
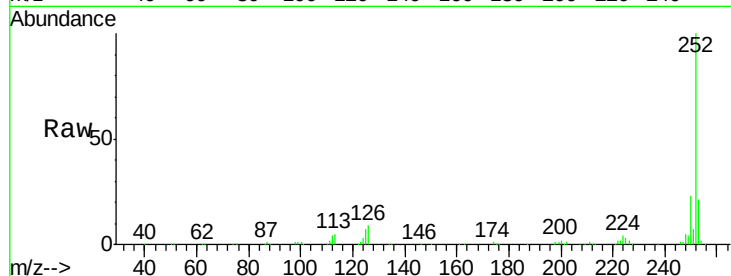




#88
Benzo(k)fluoranthene
Concen: 41.57 ng
RT: 22.26 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

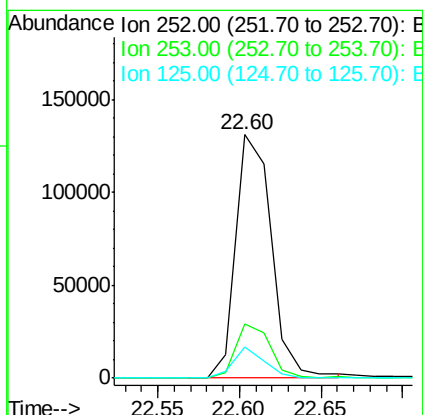
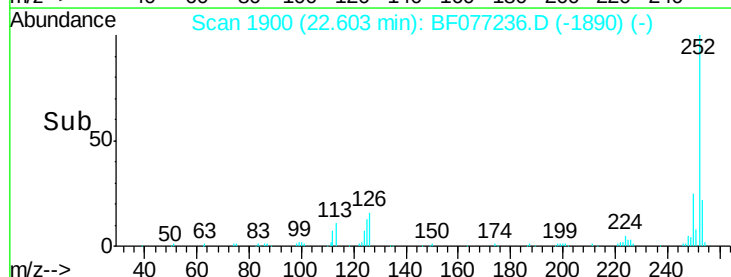
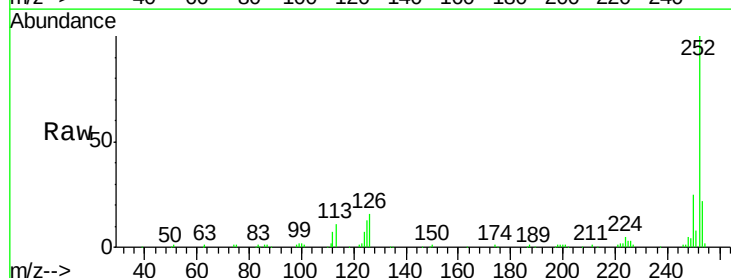
Instrument :
BNA_F
ClientSampleId :
PB81636BS

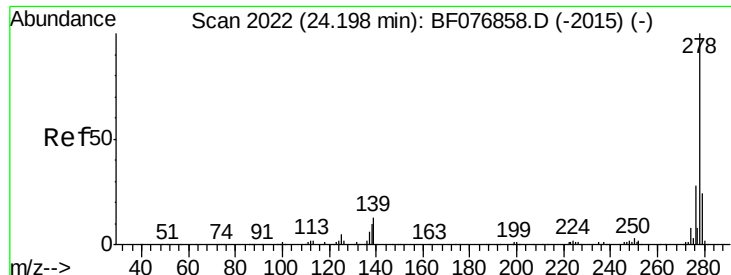
Tgt Ion: 252 Resp: 228629
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 7.1 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 35.74 ng
RT: 22.60 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion: 252 Resp: 198484
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.0 7.2 10.8#

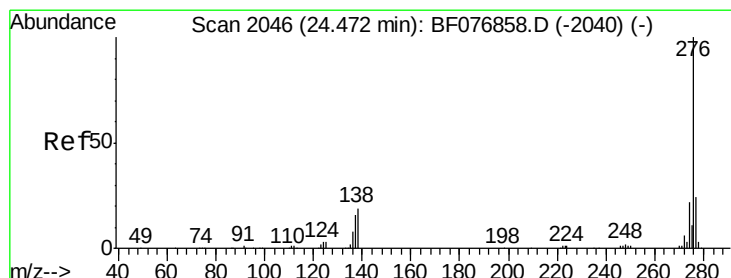
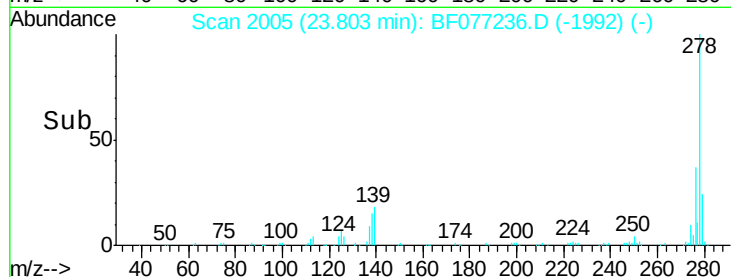
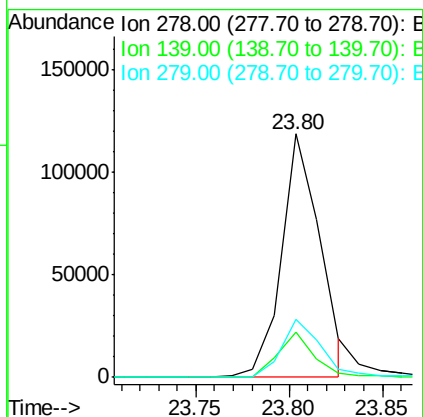
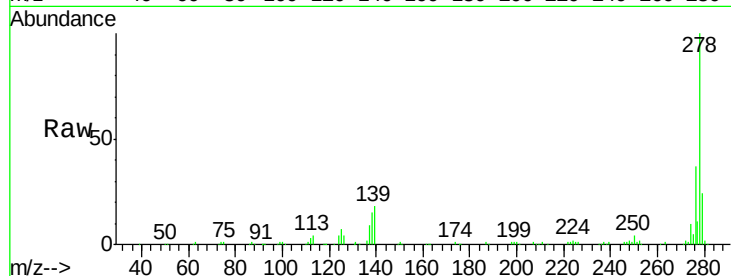




#90
Dibenzo(a,h)anthracene
Concen: 33.61 ng
RT: 23.80 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:278 Resp: 171264
Ion Ratio Lower Upper
278 100
139 18.4 10.5 15.7#
279 23.7 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 33.85 ng
RT: 24.04 min Scan# 2026
Delta R.T. 0.05 min
Lab File: BF077236.D
Acq: 10 Feb 2015 14:14

Tgt Ion:276 Resp: 171475
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 21.0 15.0 22.6

