

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077039.D
 Acq On : 23 Jan 2015 16:03
 Operator : TP/IZ
 Sample : PB81496BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

Quant Time: Jan 26 11:08:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 22:23:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	33364	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	135757	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	77666	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	134589	20.00	ng	0.00
75) Chrysene-d12	21.15	240	135457	20.00	ng	0.00
86) Perylene-d12	22.81	264	119898	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.79	112	127444	62.80	ng	0.00
7) Phenol-d6	7.17	99	156338	61.07	ng	0.00
23) Nitrobenzene-d5	9.06	82	146412	59.75	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	40515	64.27	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	300485	58.88	ng	0.00
78) Terphenyl-d14	19.88	244	333268	56.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.17	88	16557	19.06	ng	# 81
3) Pyridine	1.61	79	48847	21.73	ng	97
4) n-Nitrosodimethylamine	1.57	42	29294	26.30	ng	# 79
6) Aniline	7.04	93	49960	14.10	ng	99
8) 2-Chlorophenol	7.29	128	57993	24.79	ng	97
9) Benzaldehyde	6.77	77	11020	6.09	ng	95
10) Phenol	7.19	94	65755	24.19	ng	91
11) bis(2-Chloroethyl)ether	7.30	93	54397	25.58	ng	# 74
12) 1,3-Dichlorobenzene	7.60	146	61268	23.02	ng	96
13) 1,4-Dichlorobenzene	7.80	146	62040	21.98	ng	99
14) 1,2-Dichlorobenzene	8.12	146	61387	23.61	ng	98
15) Benzyl Alcohol	8.21	79	48908	23.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	67253	23.52	ng	97
17) 2-Methylphenol	8.55	107	46019	24.07	ng	98
18) Hexachloroethane	8.86	117	23508	23.95	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	42242	23.57	ng	97
20) 3+4-Methylphenols	8.94	107	56665	22.38	ng	96
22) Acetophenone	8.76	105	84034	25.27	ng	99
24) Nitrobenzene	9.11	77	62810	25.16	ng	99
25) Isophorone	9.70	82	110970	24.87	ng	98
26) 2-Nitrophenol	9.85	139	30617	24.84	ng	# 90
27) 2,4-Dimethylphenol	10.14	122	51038	26.44	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	66033	26.03	ng	99
29) 2,4-Dichlorophenol	10.45	162	47823	26.58	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	50250	25.15	ng	99
31) Naphthalene	10.72	128	169668	24.28	ng	98
32) Benzoic acid	10.49	122	24649m	23.05	ng	
33) 4-Chloroaniline	10.97	127	41175	14.58	ng	96
34) Hexachlorobutadiene	11.09	225	30079	25.37	ng	97
35) Caprolactam	11.81	113	14005m	26.44	ng	
36) 4-Chloro-3-methylphenol	12.28	107	54210	26.32	ng	99
37) 2-Methylnaphthalene	12.38	142	121383	25.43	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	46614	24.28	ng	97
40) Hexachlorocyclopentadiene	12.77	237	51048	51.14	ng	97

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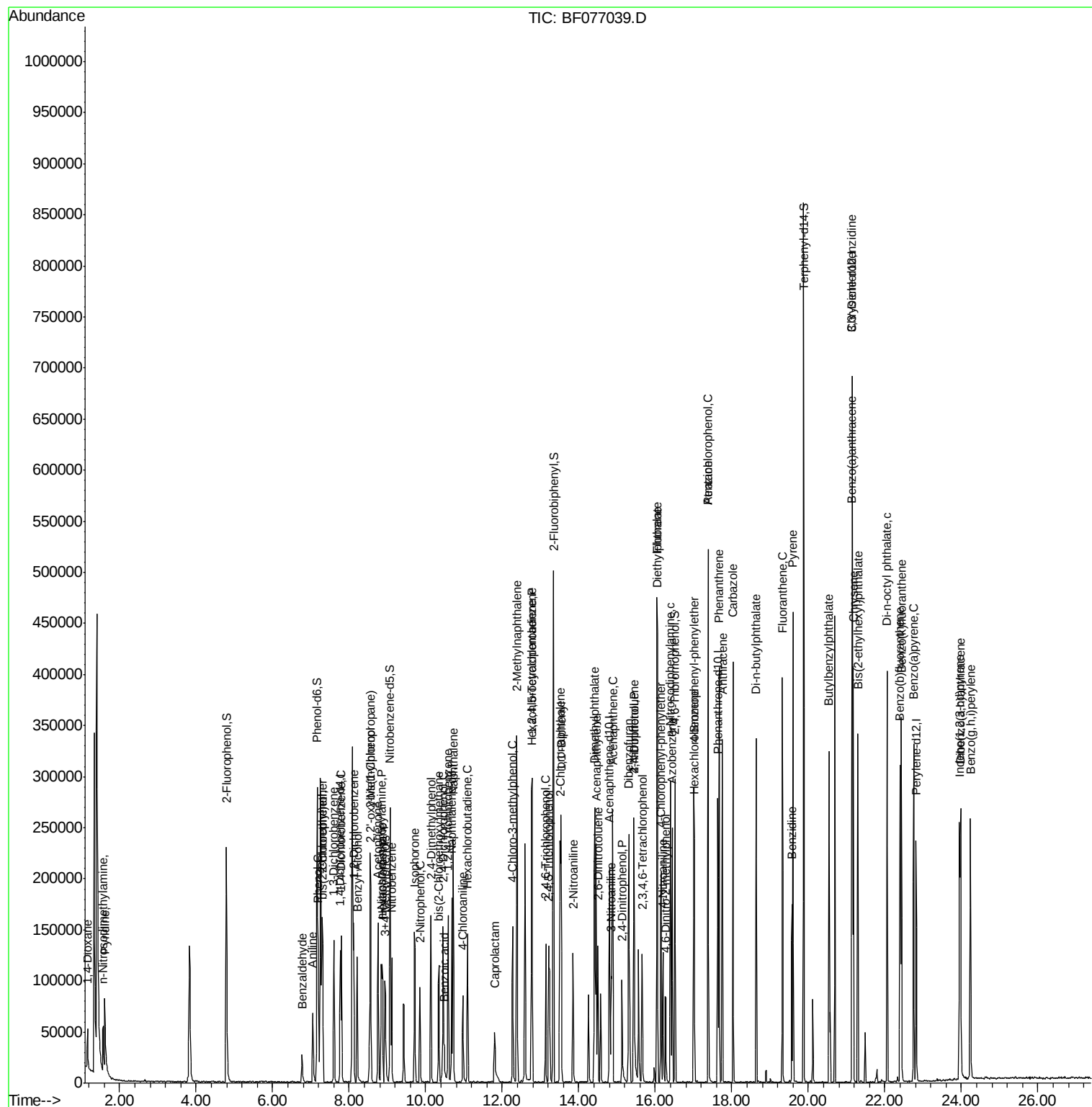
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	33301	23.80	ng	95
43) 2,4,5-Trichlorophenol	13.21	196	35751	25.05	ng	96
45) 1,1'-Biphenyl	13.53	154	142592	24.77	ng	96
46) 2-Chloronaphthalene	13.51	162	115390	24.35	ng	97
47) 2-Nitroaniline	13.85	65	36552	25.43	ng	86
48) Acenaphthylene	14.45	152	186127	23.29	ng	99
49) Dimethylphthalate	14.41	163	140352	25.48	ng	99
50) 2,6-Dinitrotoluene	14.51	165	29521	26.83	ng	98
51) Acenaphthene	14.88	154	104443	23.03	ng	96
52) 3-Nitroaniline	14.85	138	24253	18.06	ng	87
53) 2,4-Dinitrophenol	15.13	184	24726	52.60	ng	96
54) Dibenzofuran	15.31	168	164301	24.87	ng	96
55) 4-Nitrophenol	15.44	139	42232	48.92	ng	97
56) 2,4-Dinitrotoluene	15.44	165	39291	24.88	ng	# 81
57) Fluorene	16.05	166	134362	24.01	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	28874	27.79	ng	# 98
59) Diethylphthalate	16.06	149	146953	26.40	ng	99
60) 4-Chlorophenyl-phenylether	16.15	204	57248	25.00	ng	91
61) 4-Nitroaniline	16.20	138	30065	22.46	ng	96
62) Azobenzene	16.44	77	143441	24.73	ng	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	18405	23.12	ng	96
65) n-Nitrosodiphenylamine	16.39	169	113076	23.56	ng	99
66) 4-Bromophenyl-phenylether	17.01	248	33427	24.52	ng	# 87
67) Hexachlorobenzene	17.02	284	34195	23.80	ng	98
68) Atrazine	17.39	200	42541	29.21	ng	92
69) Pentachlorophenol	17.39	266	34561	54.82	ng	99
70) Phenanthrene	17.67	178	199626	23.78	ng	98
71) Anthracene	17.75	178	201702	24.64	ng	99
72) Carbazole	18.04	167	194501	24.50	ng	99
73) Di-n-butylphthalate	18.63	149	243724	26.52	ng	98
74) Fluoranthene	19.32	202	207380	24.11	ng	99
76) Benzidine	19.57	184	103659	23.91	ng	99
77) Pyrene	19.60	202	215669	23.23	ng	100
79) Butylbenzylphthalate	20.54	149	110818	26.36	ng	# 84
80) Benzo(a)anthracene	21.13	228	198763	23.39	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	46099	17.07	ng	97
82) Chrysene	21.18	228	187097	24.14	ng	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	157701	27.11	ng	99
84) Di-n-octyl phthalate	22.06	149	270523	26.79	ng	99
85) Indeno(1,2,3-cd)pyrene	23.95	276	183642	22.36	ng	# 82
87) Benzo(b)fluoranthene	22.39	252	200885	24.88	ng	100
88) Benzo(k)fluoranthene	22.43	252	157177m	22.28	ng	
89) Benzo(a)pyrene	22.76	252	176670	24.80	ng	97
90) Dibenzo(a,h)anthracene	23.98	278	155577	23.80	ng	98
91) Benzo(g,h,i)perylene	24.23	276	156595	24.10	ng	98

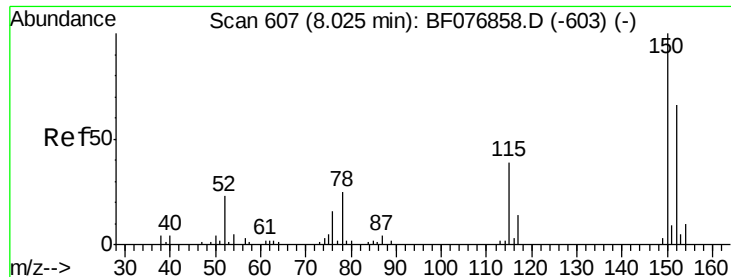
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

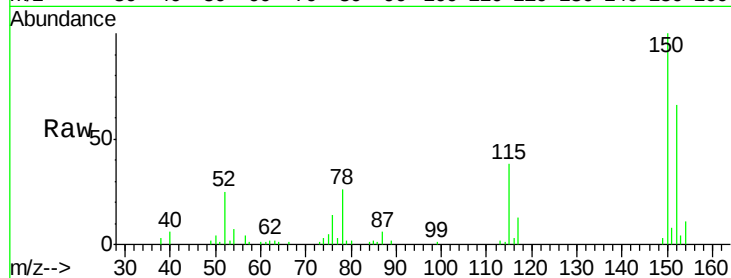
Tgt Ion:152 Resp: 33364

Ion Ratio Lower Upper

152 100

150 151.6 121.7 182.5

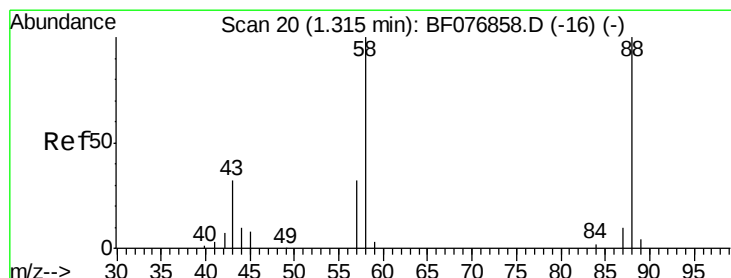
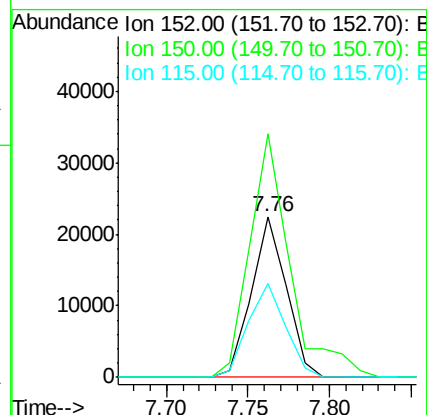
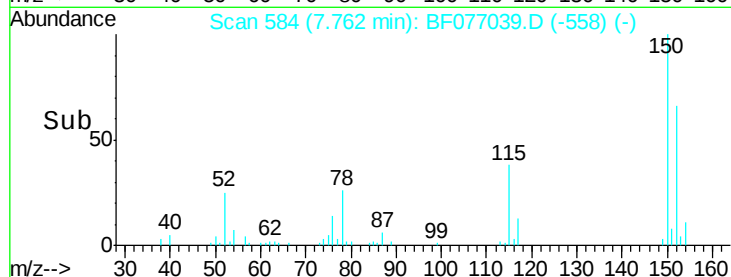
115 58.2 47.0 70.6



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: 19.06 ng

RT: 1.17 min Scan# 7

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

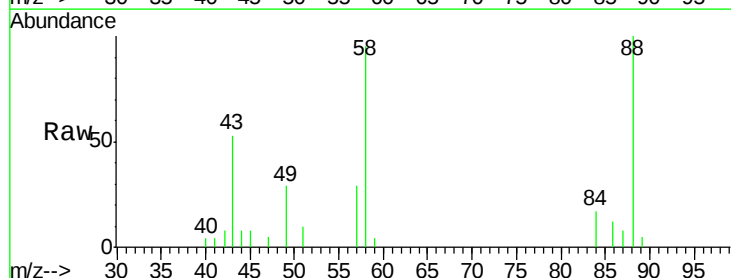
Tgt Ion: 88 Resp: 16557

Ion Ratio Lower Upper

88 100

58 102.8 77.0 115.4

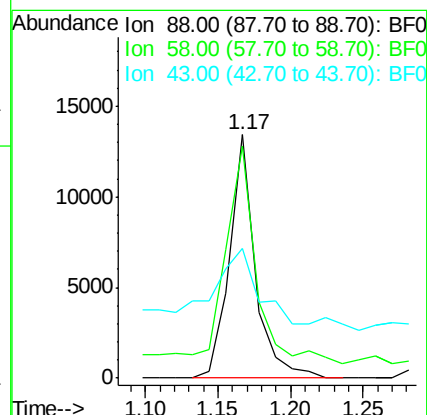
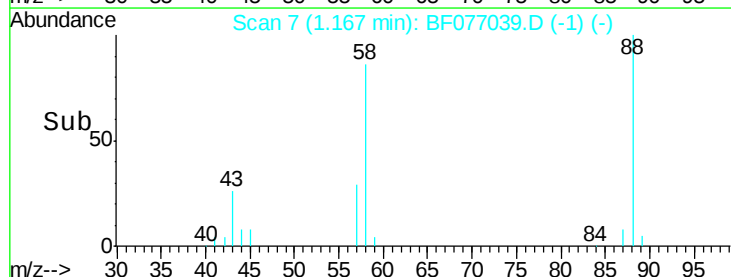
43 0.0 25.6 38.4#

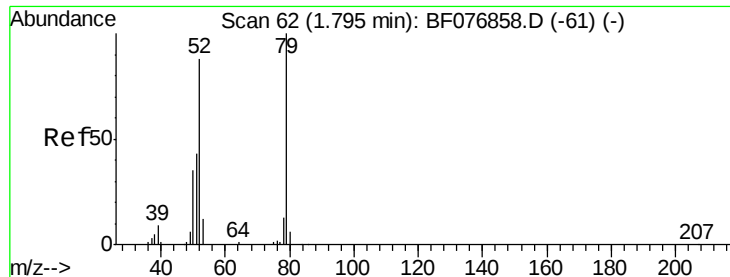


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.73 ng

RT: 1.61 min Scan# 46

Delta R.T. 0.00 min

Lab File: BF077039.D

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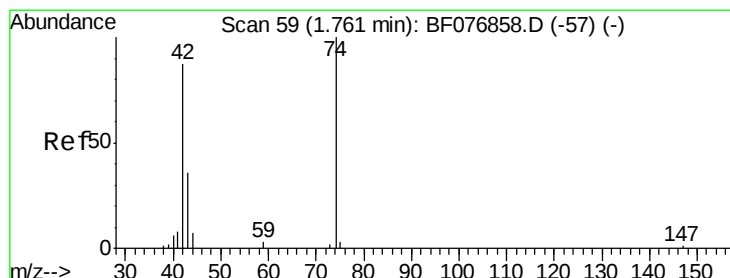
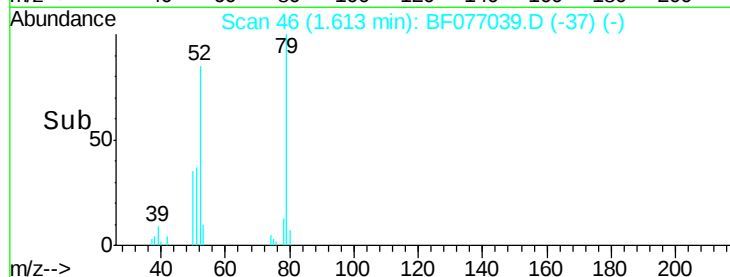
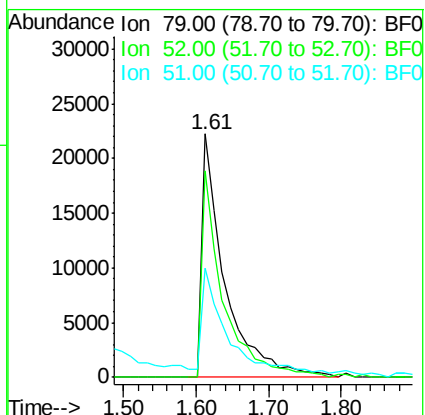
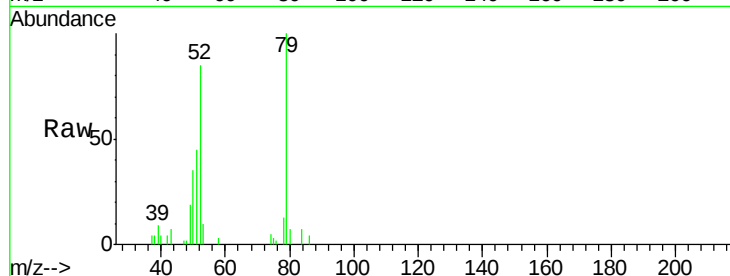
Tgt Ion: 79 Resp: 48847

Ion Ratio Lower Upper

79 100

52 84.9 70.1 105.1

51 45.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.30 ng

RT: 1.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

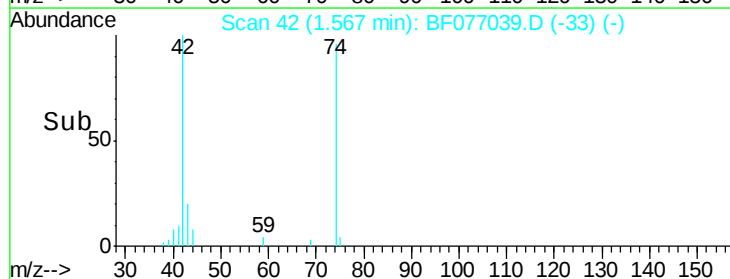
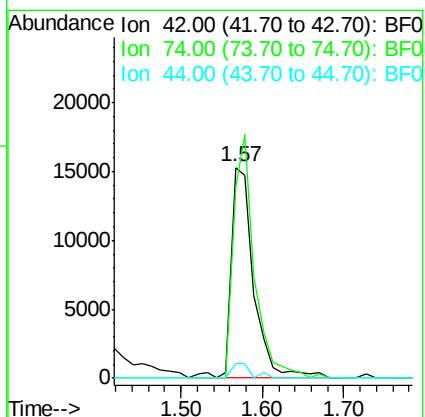
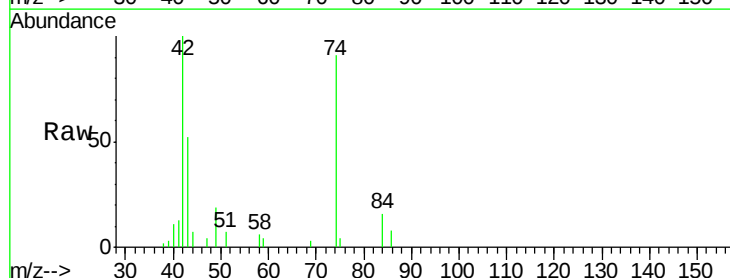
Tgt Ion: 42 Resp: 29294

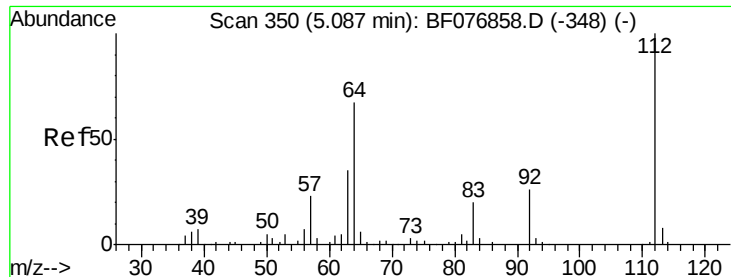
Ion Ratio Lower Upper

42 100

74 90.8 92.4 138.6#

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 62.80 ng

RT: 4.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

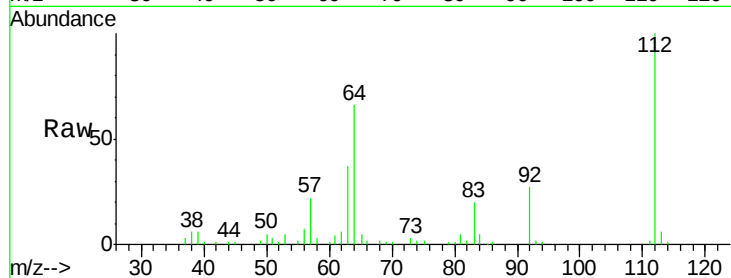
Instrument :

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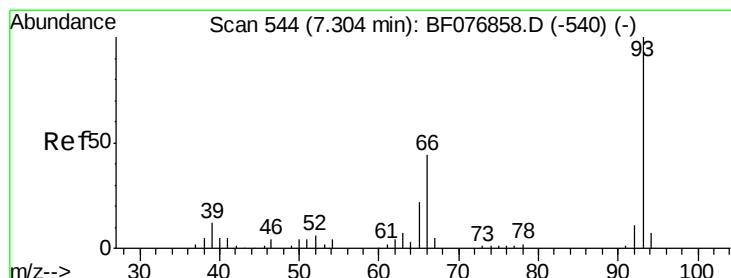
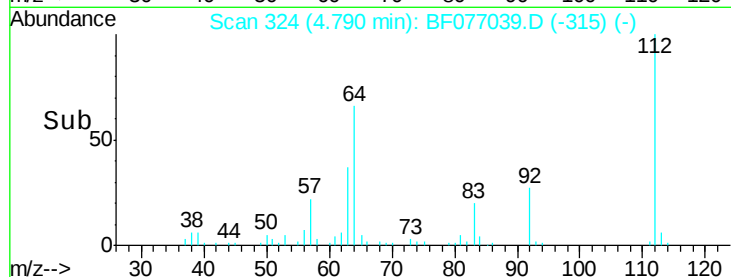
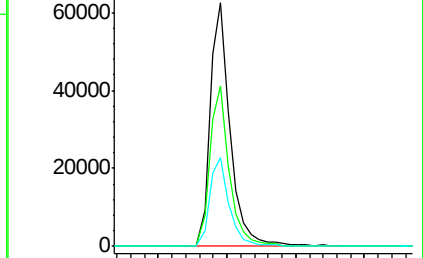
Tgt Ion:	112	Resp:	127444
Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.2	81.4
63	36.6	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.10 ng

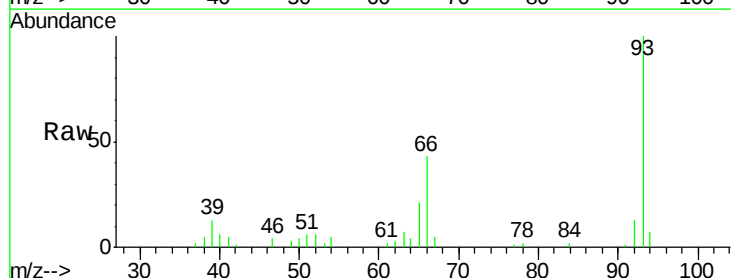
RT: 7.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

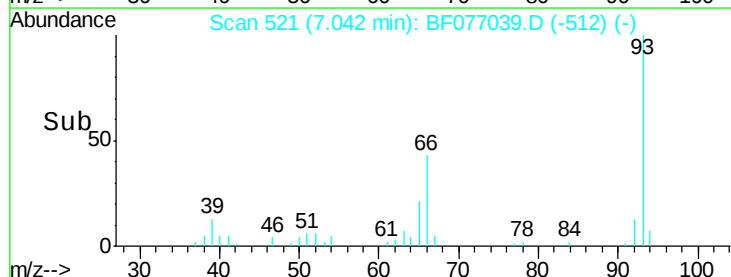
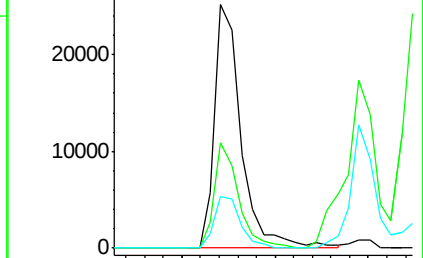
Tgt Ion:	93	Resp:	49960
Ion	Ratio	Lower	Upper
93	100		
66	43.2	35.0	52.4
65	21.4	17.7	26.5

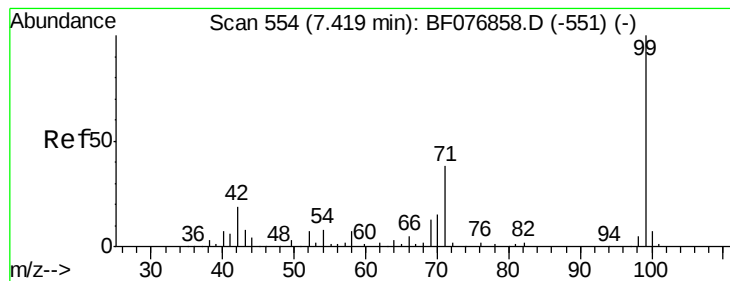


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 61.07 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

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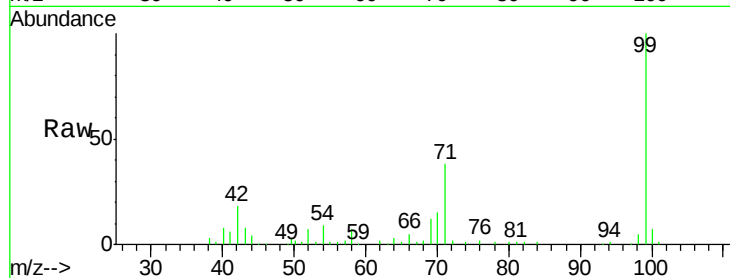
Tgt Ion: 99 Resp: 156338

Ion Ratio Lower Upper

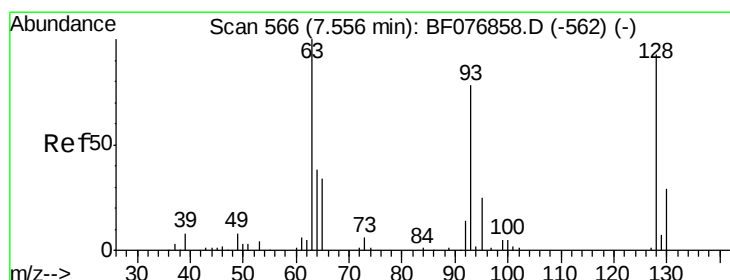
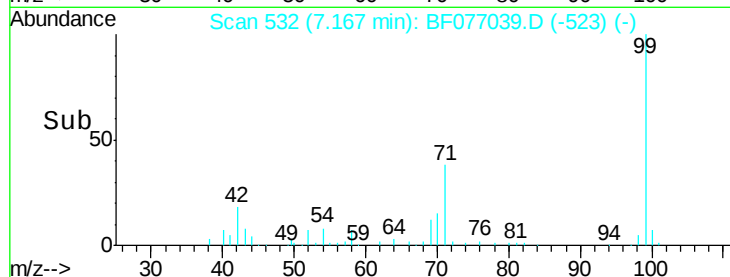
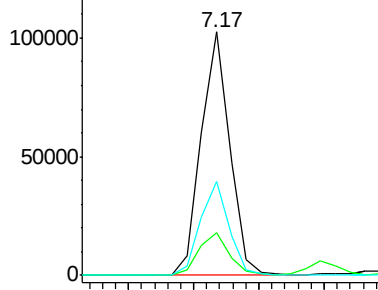
99 100

42 17.5 15.0 22.4

71 38.5 30.5 45.7



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



#8

2-Chlorophenol

Concen: 24.79 ng

RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

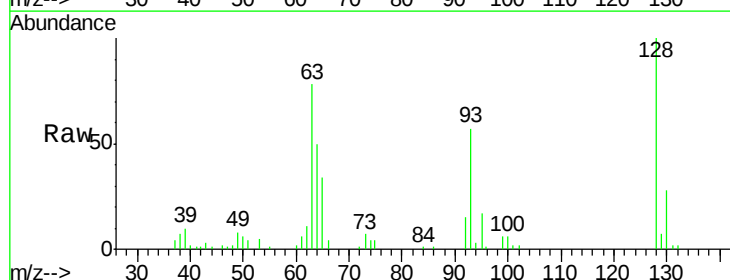
Tgt Ion: 128 Resp: 57993

Ion Ratio Lower Upper

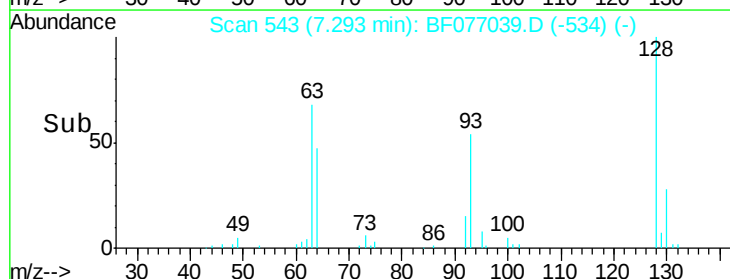
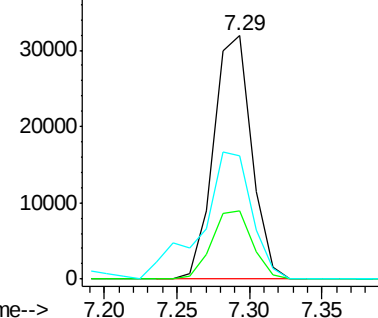
128 100

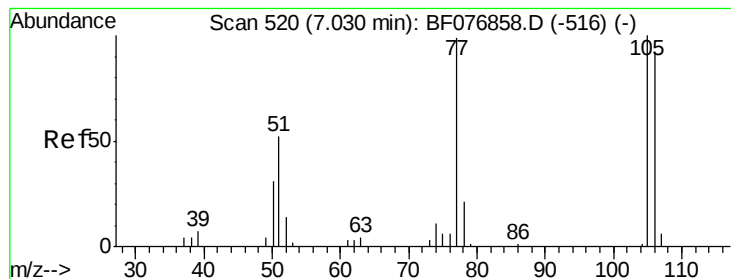
130 28.0 11.0 51.0

64 50.4 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.09 ng

RT: 6.77 min Scan# 497

Delta R.T. 0.00 min

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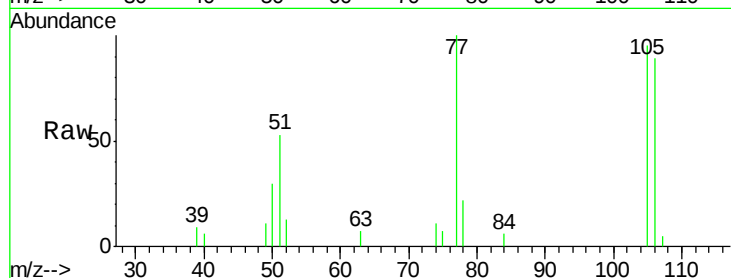
Tgt Ion: 77 Resp: 11020

Ion Ratio Lower Upper

77 100

105 95.2 81.4 121.4

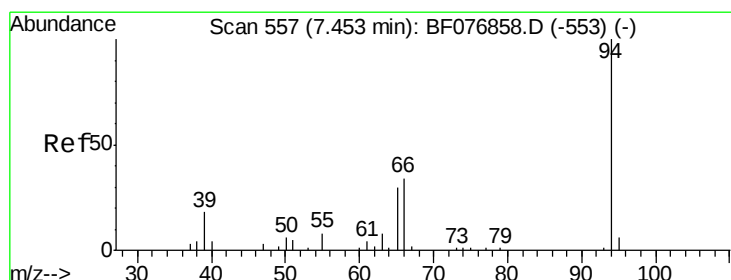
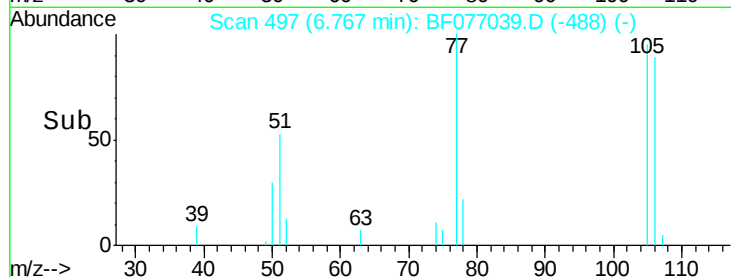
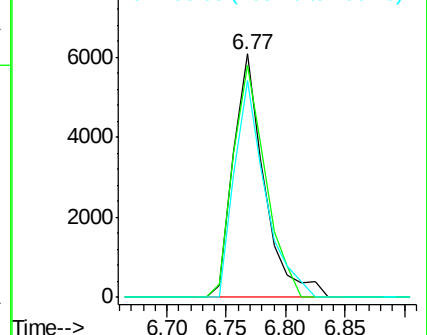
106 89.3 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.19 ng

RT: 7.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

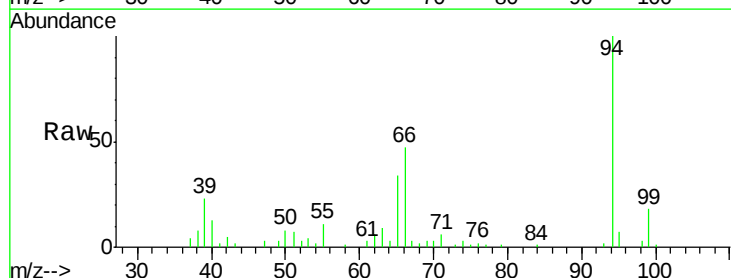
Tgt Ion: 94 Resp: 65755

Ion Ratio Lower Upper

94 100

65 34.3 11.3 51.3

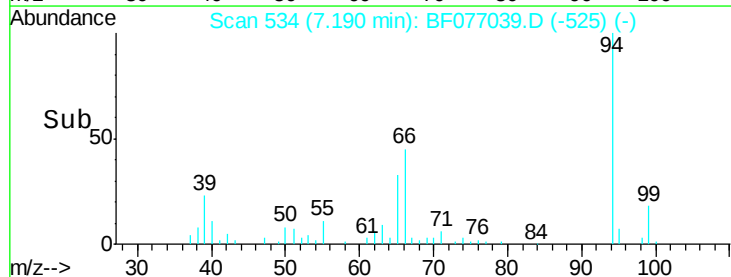
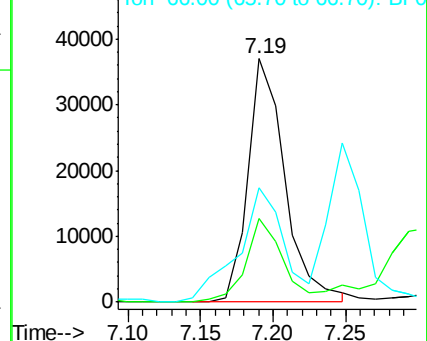
66 47.0 19.5 59.5

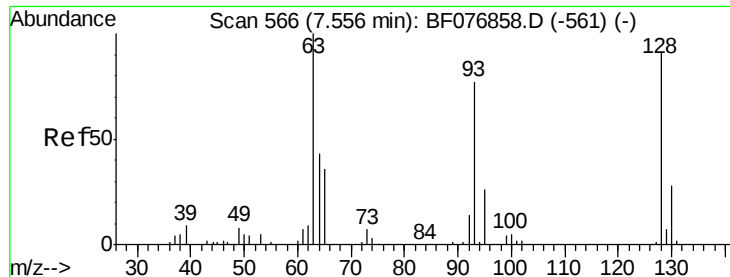


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

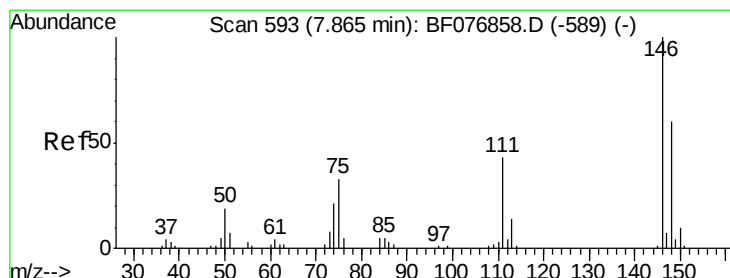
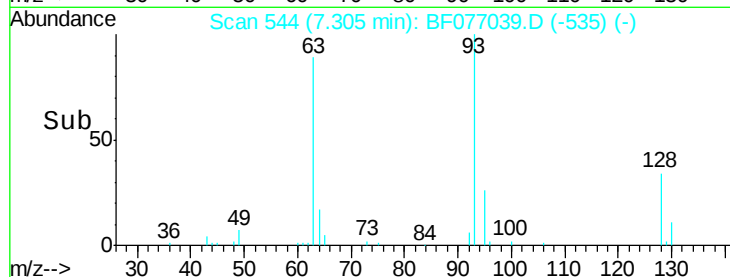
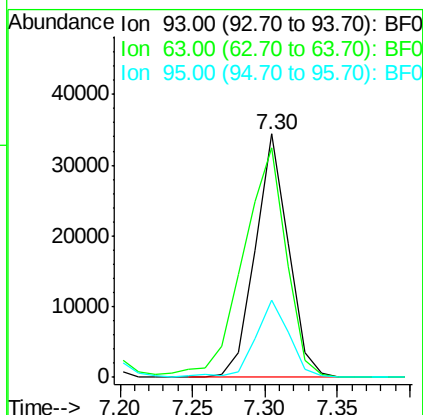
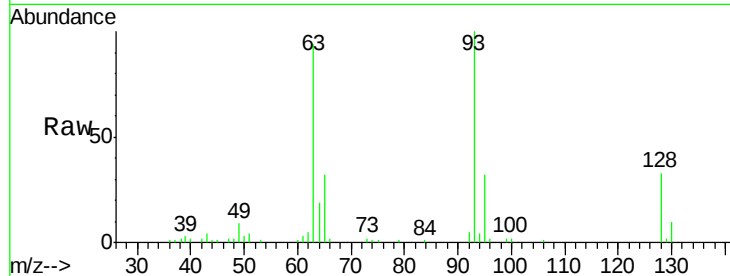




#11
bis(2-Chloroethyl)ether
Concen: 25.58 ng
RT: 7.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

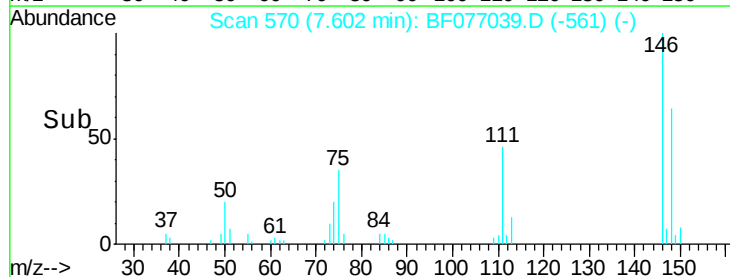
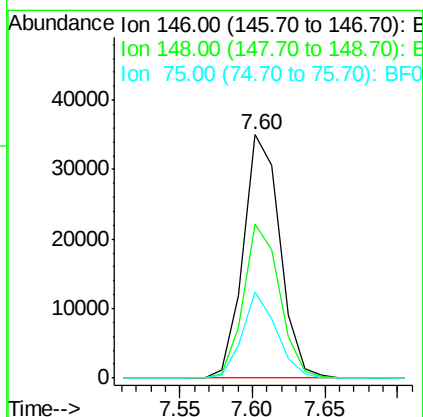
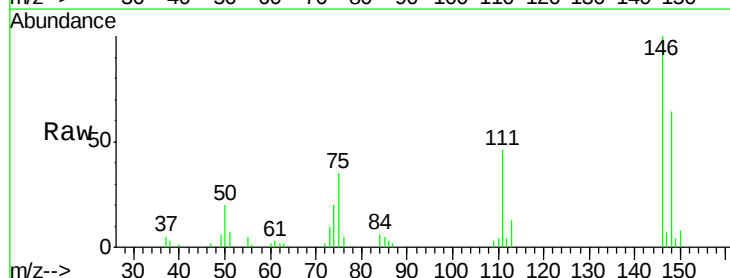
Instrument :
BNA_F
ClientSampleId :
PB81496BS

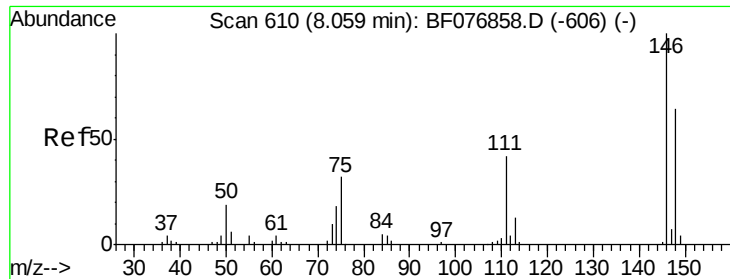
Tgt Ion: 93 Resp: 54397
Ion Ratio Lower Upper
93 100
63 94.0 111.3 151.3#
95 31.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 23.02 ng
RT: 7.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 146 Resp: 61268
Ion Ratio Lower Upper
146 100
148 63.5 48.1 72.1
75 35.2 26.8 40.2

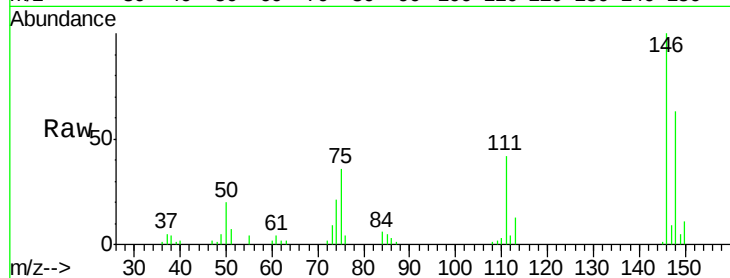




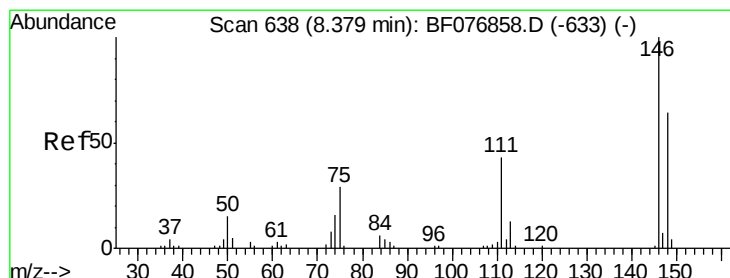
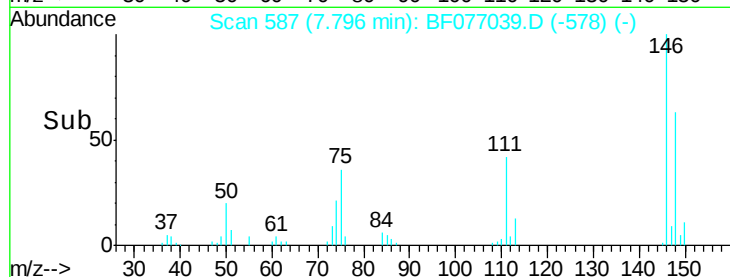
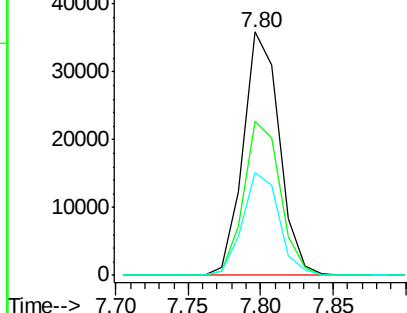
#13
 1,4-Dichlorobenzene
 Concen: 21.98 ng
 RT: 7.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

Tgt Ion:146 Resp: 62040
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 42.3 33.9 50.9

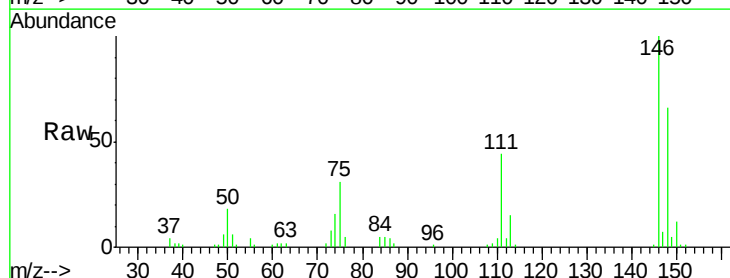


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

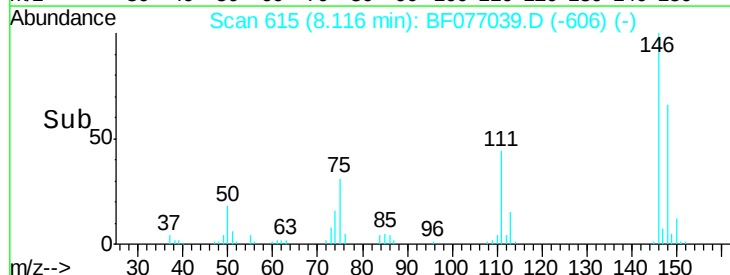
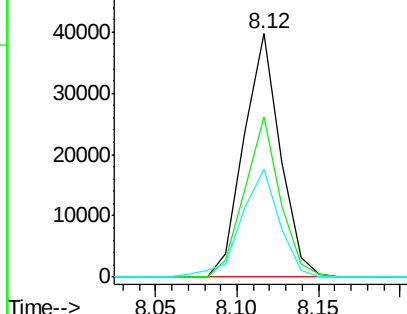


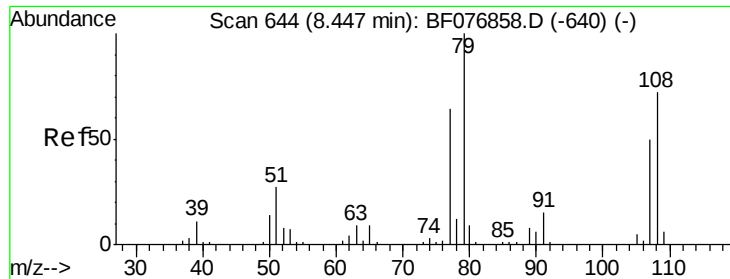
#14
 1,2-Dichlorobenzene
 Concen: 23.61 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:146 Resp: 61387
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.3 76.9
 111 44.4 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 23.61 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

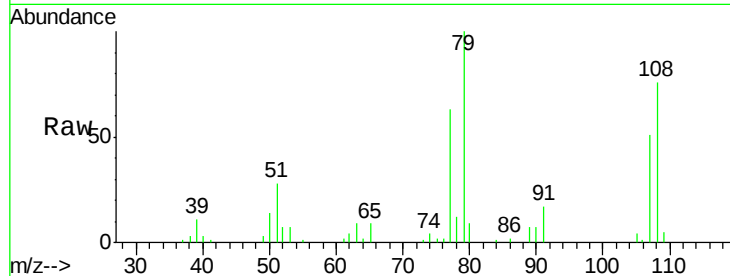
Tgt Ion: 79 Resp: 48908

Ion Ratio Lower Upper

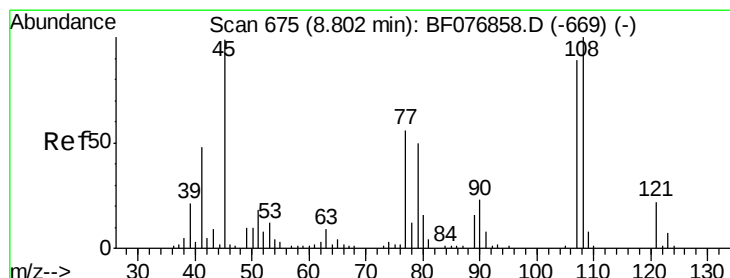
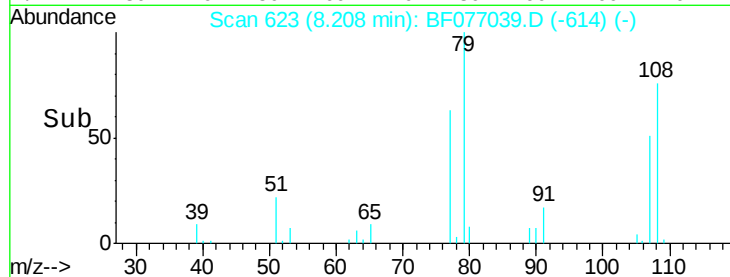
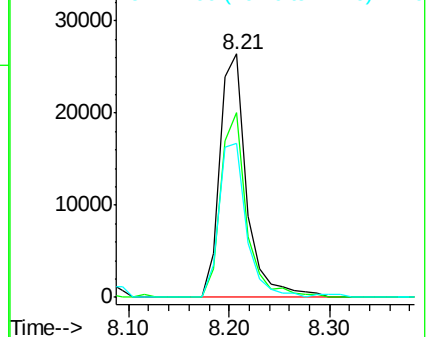
79 100

108 75.7 57.2 85.8

77 63.3 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.52 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

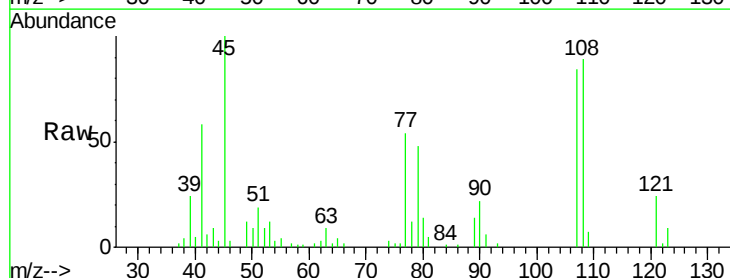
Tgt Ion: 45 Resp: 67253

Ion Ratio Lower Upper

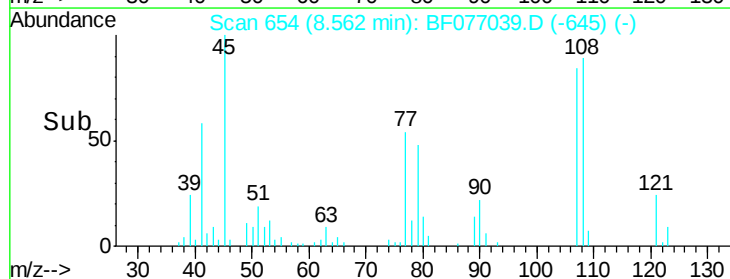
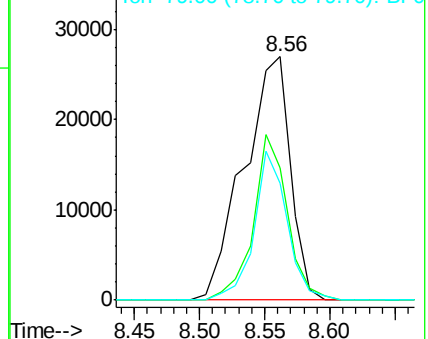
45 100

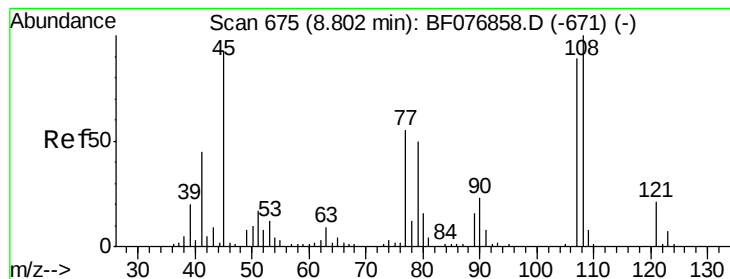
77 54.4 36.1 76.1

79 48.0 30.5 70.5



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





#17

2-Methylphenol

Concen: 24.07 ng

RT: 8.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

Tgt Ion:107 Resp: 46019

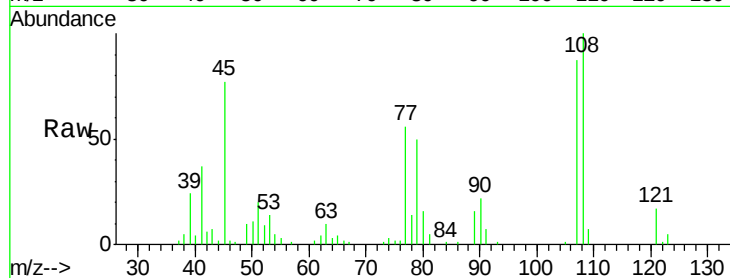
Ion Ratio Lower Upper

107 100

108 114.6 89.7 134.5

77 63.7 50.1 75.1

79 57.0 45.0 67.6

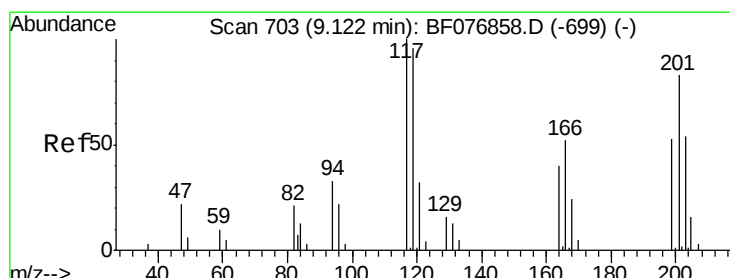
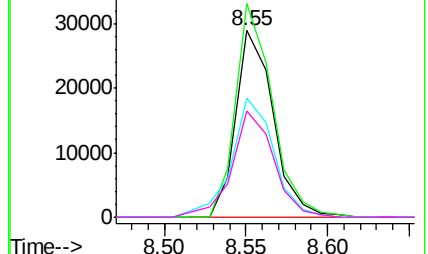
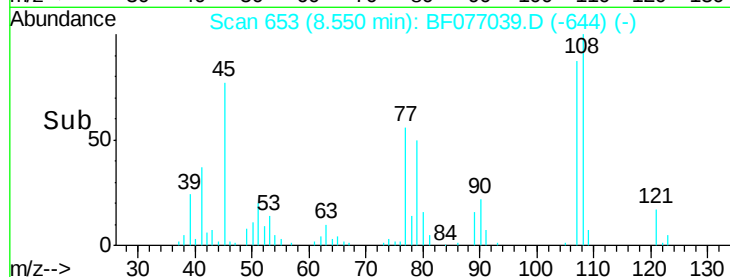


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.95 ng

RT: 8.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

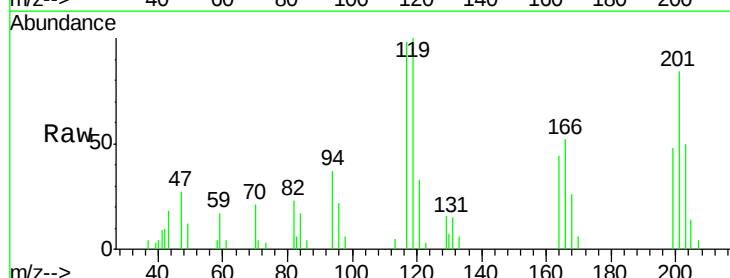
Tgt Ion:117 Resp: 23508

Ion Ratio Lower Upper

117 100

119 102.3 77.1 115.7

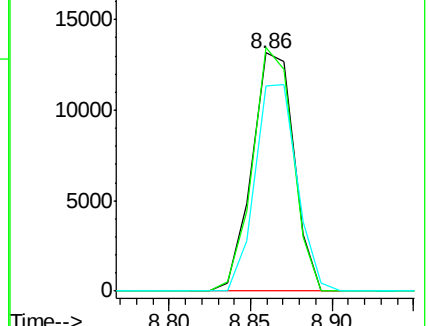
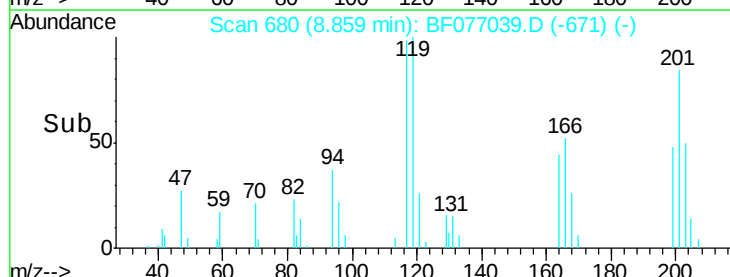
201 86.0 66.8 100.2

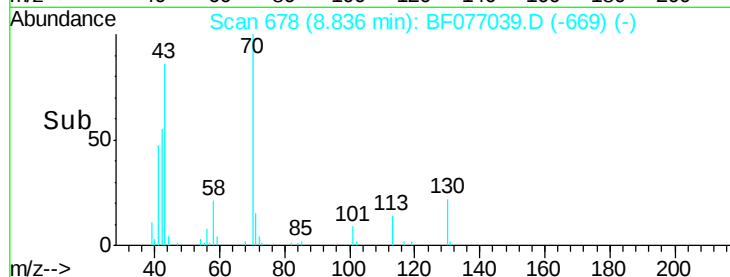
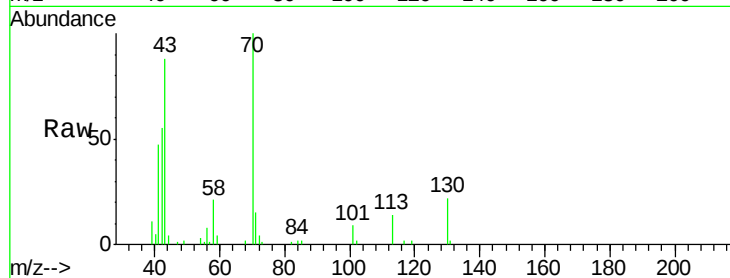
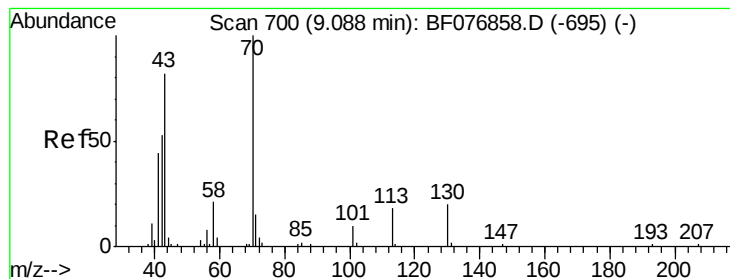


Abundance Ion 117.00 (116.70 to 117.70): E

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: 23.57 ng

RT: 8.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

Tgt Ion: 70 Resp: 42242

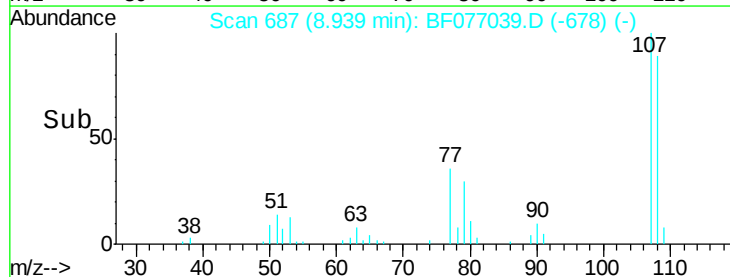
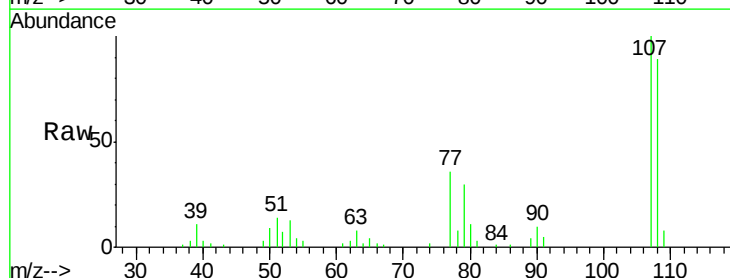
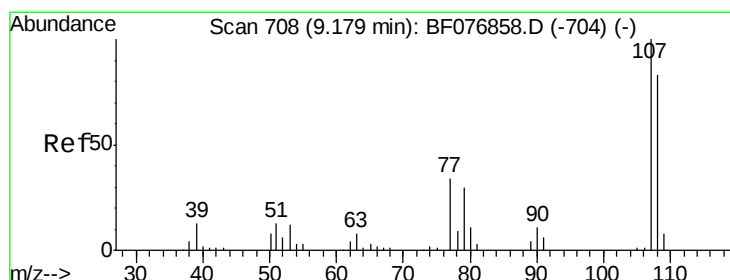
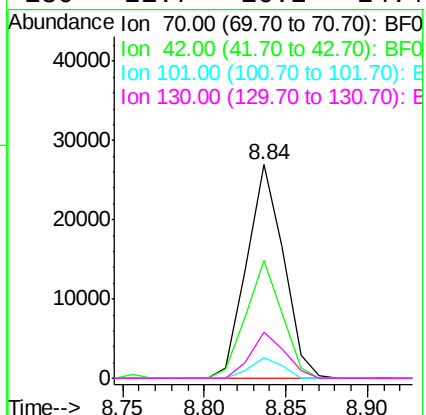
Ion Ratio Lower Upper

70 100

42 55.2 42.1 63.1

101 9.3 7.8 11.8

130 21.7 16.2 24.4



#20

3+4-Methylphenols

Concen: 22.38 ng

RT: 8.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Tgt Ion: 107 Resp: 56665

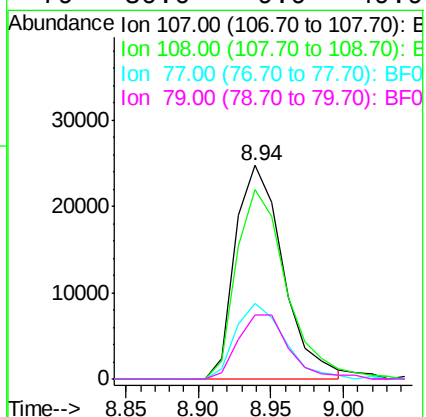
Ion Ratio Lower Upper

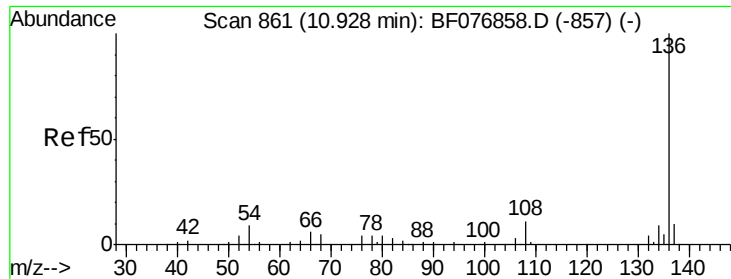
107 100

108 88.7 63.5 103.5

77 35.5 14.0 54.0

79 30.0 9.9 49.9

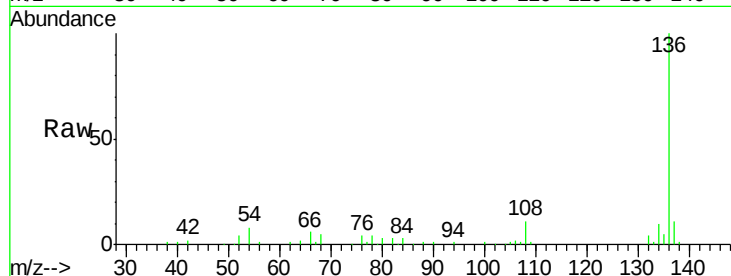




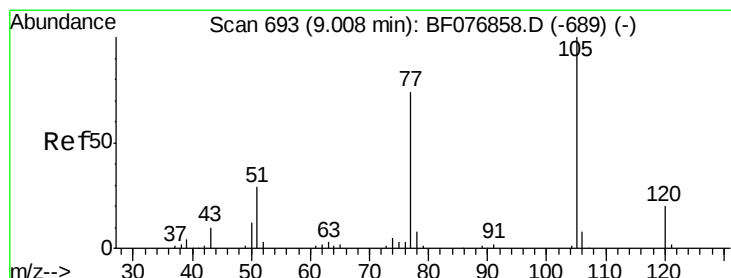
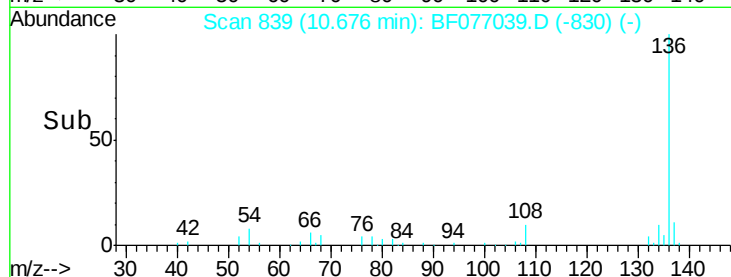
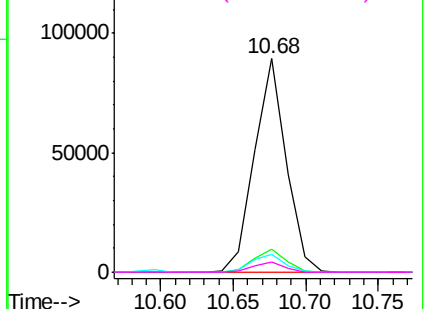
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :
PB81496BS

Tgt Ion:	136	Resp:	135757
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	8.2	7.0	10.4
68	4.8	3.7	5.5

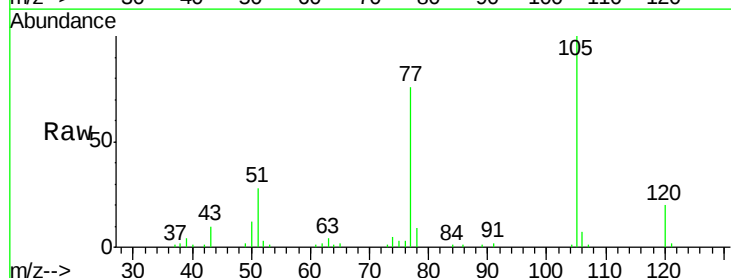


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

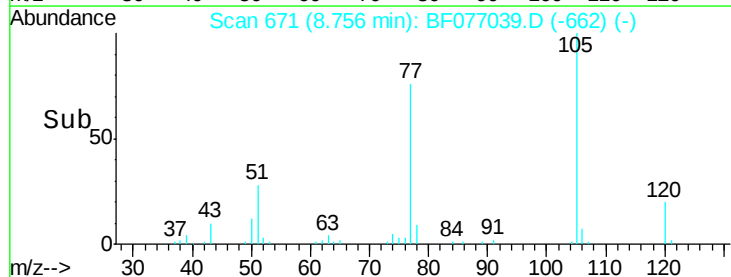
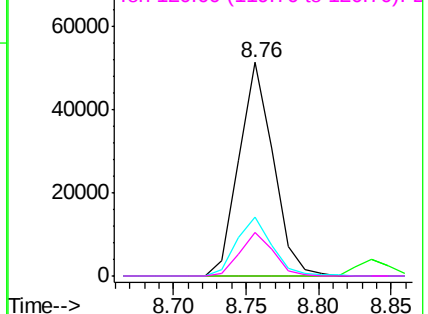


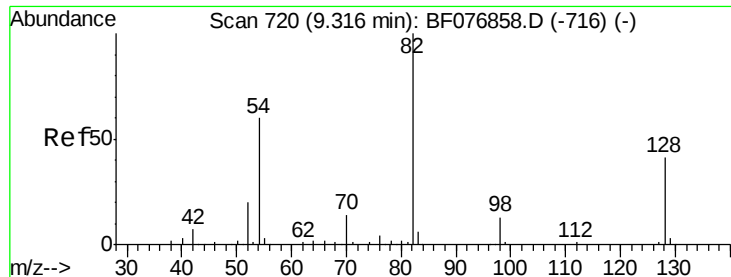
#22
Acetophenone
Concen: 25.27 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:	105	Resp:	84034
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.8	23.3	34.9
120	20.2	16.1	24.1



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

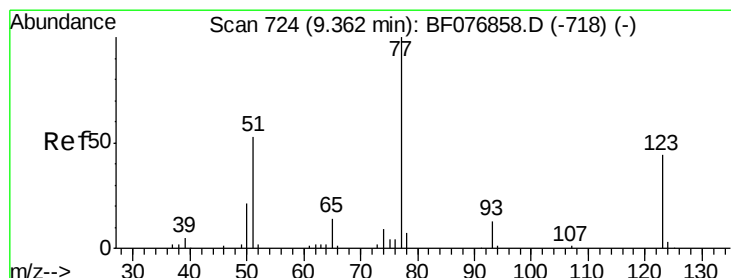
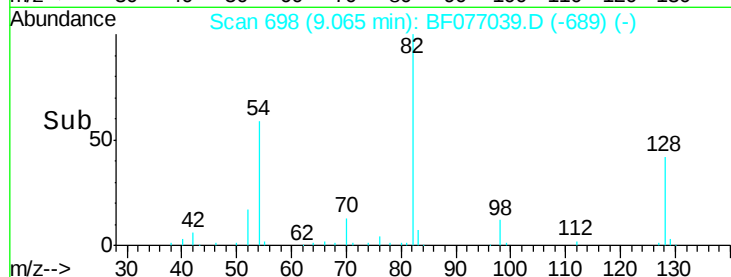
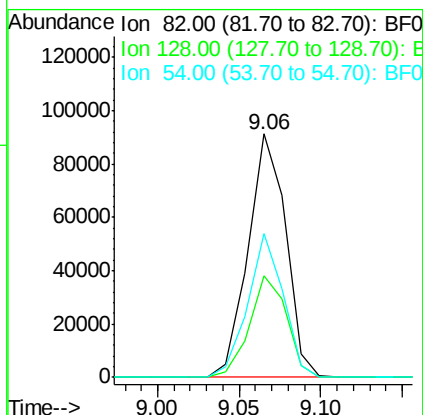
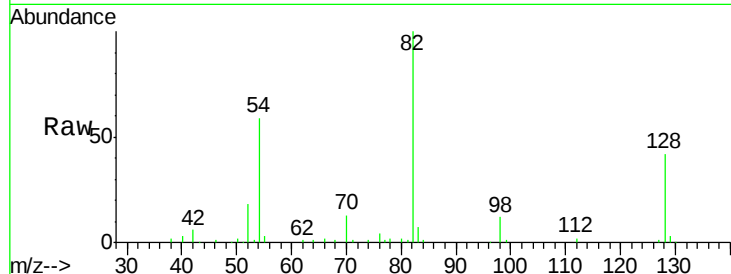




#23
 Nitrobenzene-d5
 Concen: 59.75 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

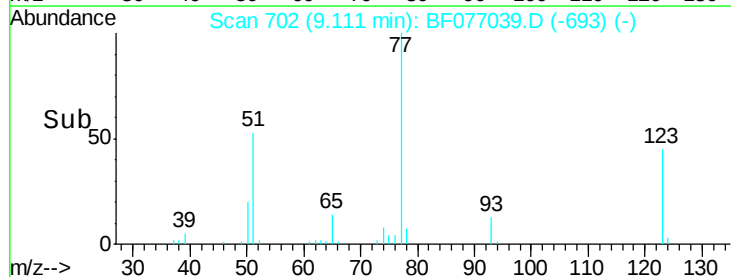
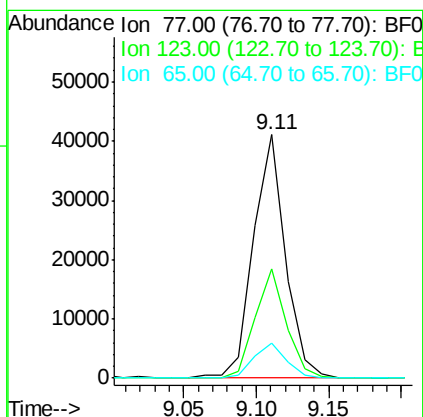
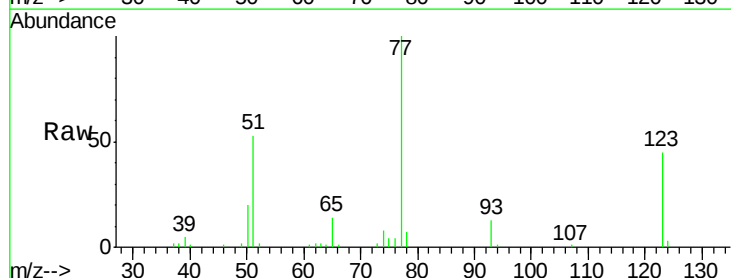
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

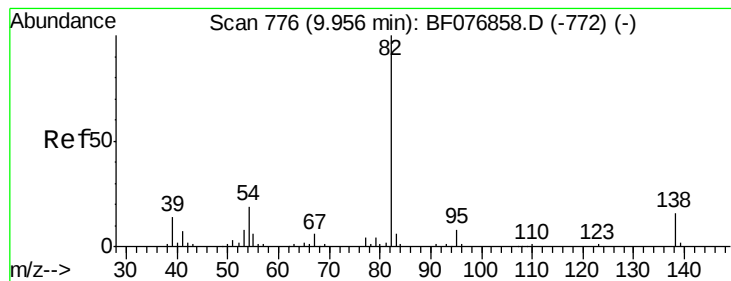
Tgt Ion: 82 Resp: 146412
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.1 49.7
 54 59.3 48.3 72.5



#24
 Nitrobenzene
 Concen: 25.16 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 77 Resp: 62810
 Ion Ratio Lower Upper
 77 100
 123 44.8 35.2 52.8
 65 14.4 11.4 17.2





#25

Isophorone

Concen: 24.87 ng

RT: 9.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

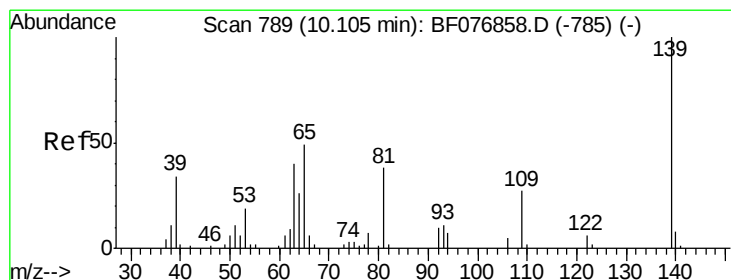
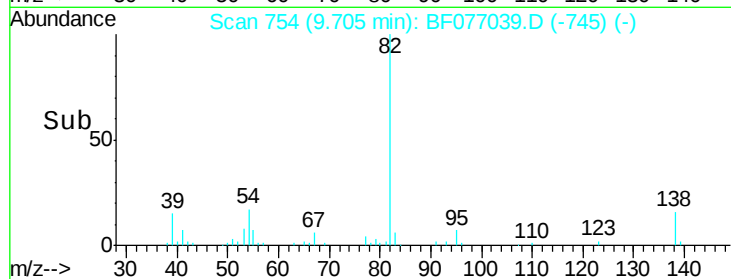
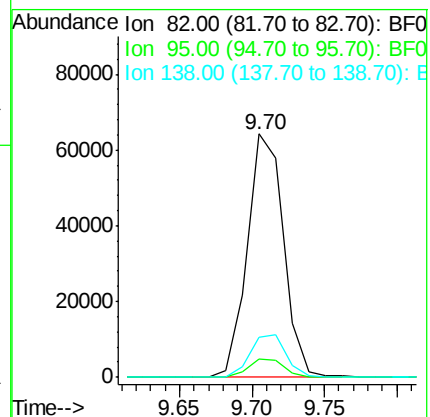
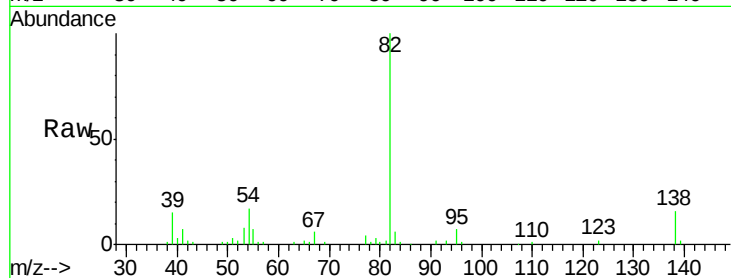
Tgt Ion: 82 Resp: 110970

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

138 16.4 12.6 18.8



#26

2-Nitrophenol

Concen: 24.84 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

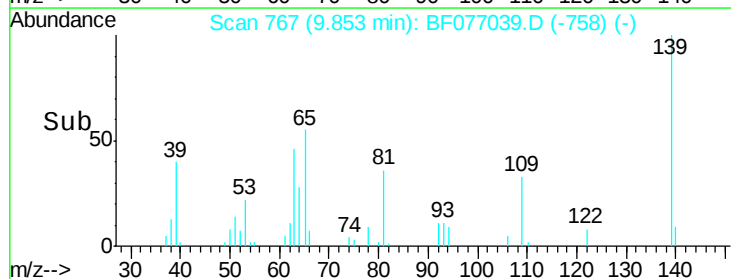
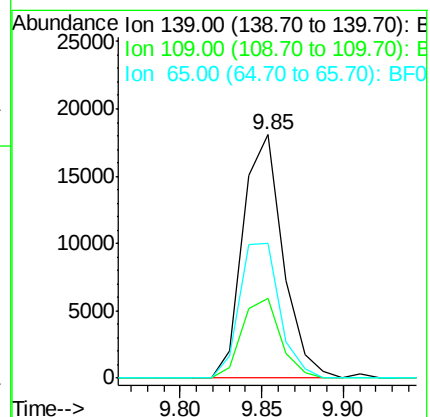
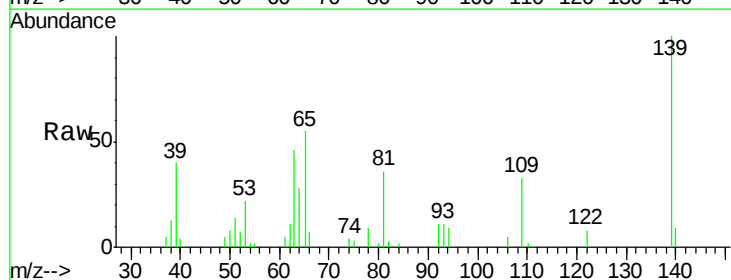
Tgt Ion: 139 Resp: 30617

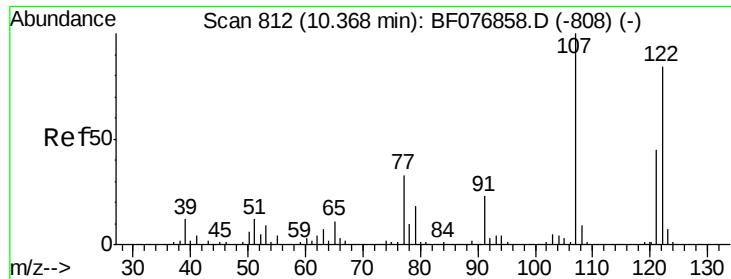
Ion Ratio Lower Upper

139 100

109 32.9 21.3 31.9#

65 55.3 39.4 59.0

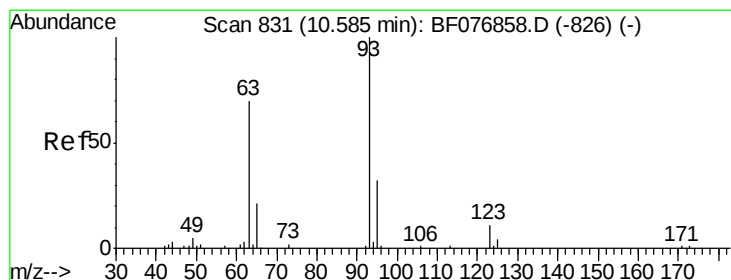
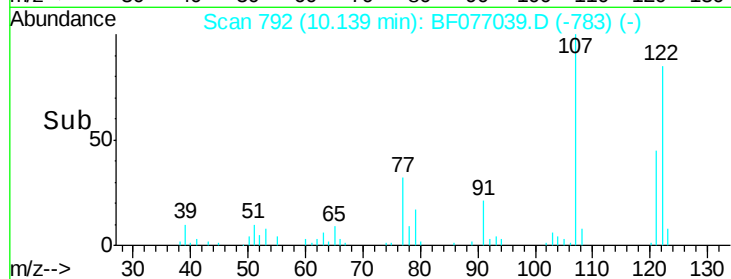
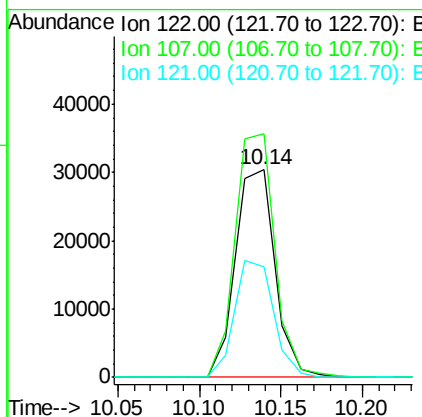
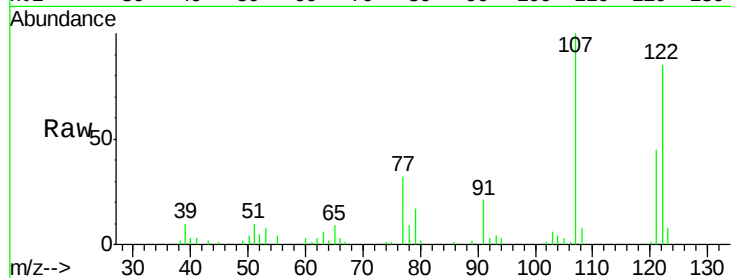




#27
 2,4-Dimethylphenol
 Concen: 26.44 ng
 RT: 10.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

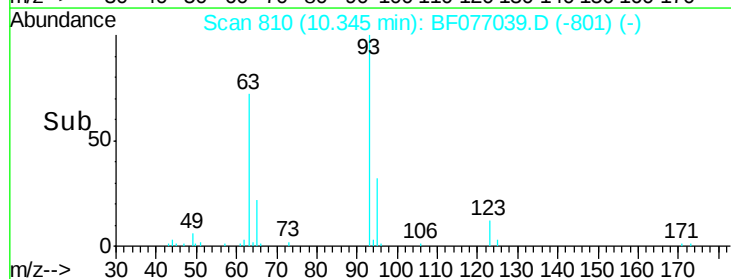
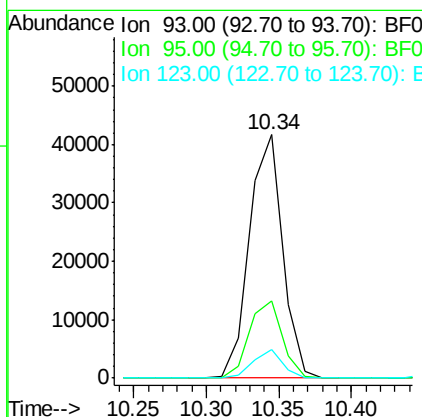
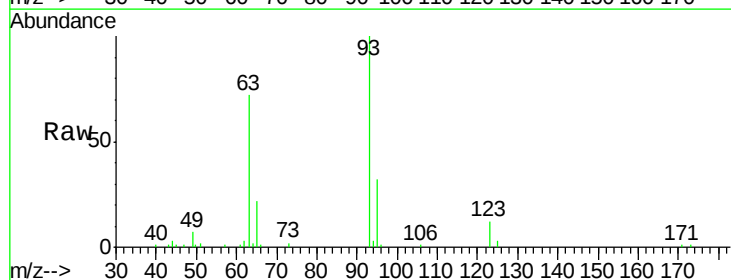
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

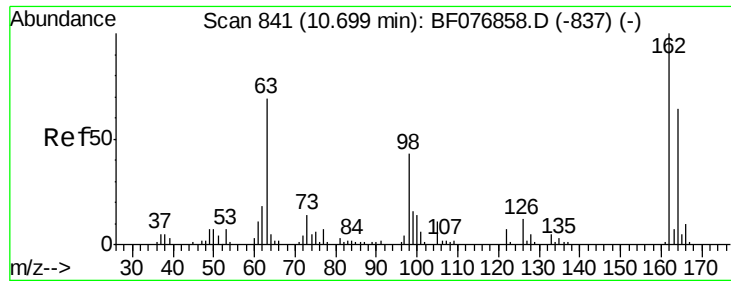
Tgt Ion: 122 Resp: 51038
 Ion Ratio Lower Upper
 122 100
 107 117.4 95.2 142.8
 121 53.4 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.03 ng
 RT: 10.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 93 Resp: 66033
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.6 38.4
 123 11.8 8.9 13.3

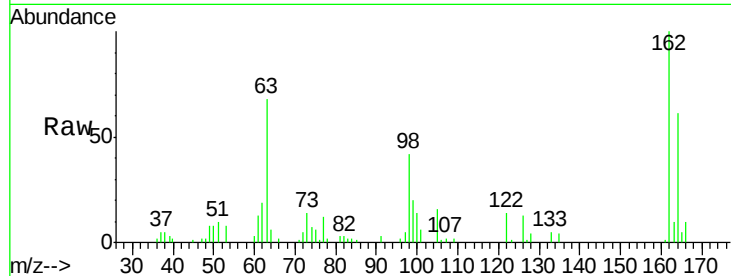




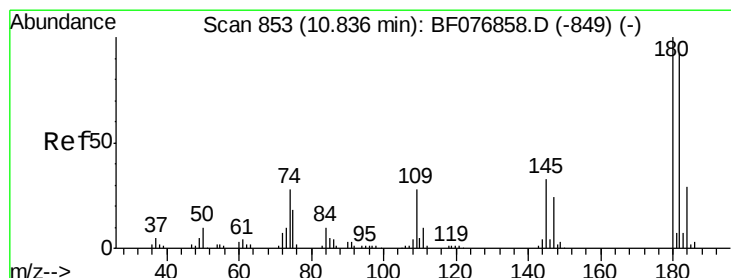
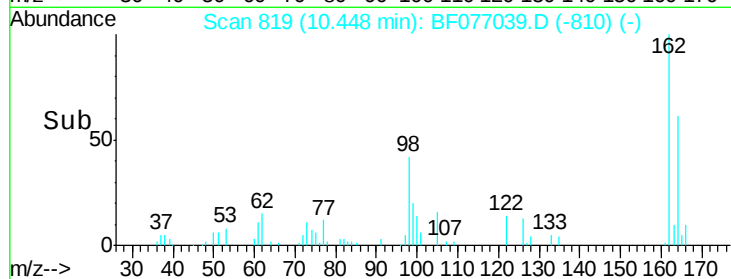
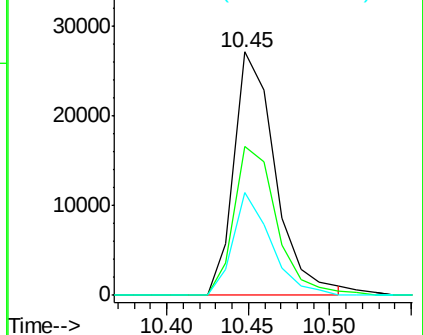
#29
2,4-Dichlorophenol
Concen: 26.58 ng
RT: 10.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :
PB81496BS

Tgt Ion:162 Resp: 47823
Ion Ratio Lower Upper
162 100
164 61.0 43.8 83.8
98 42.5 22.5 62.5

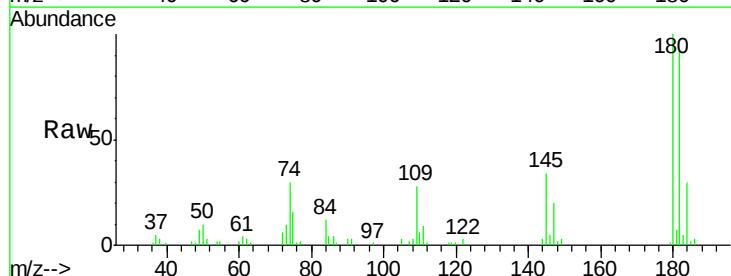


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

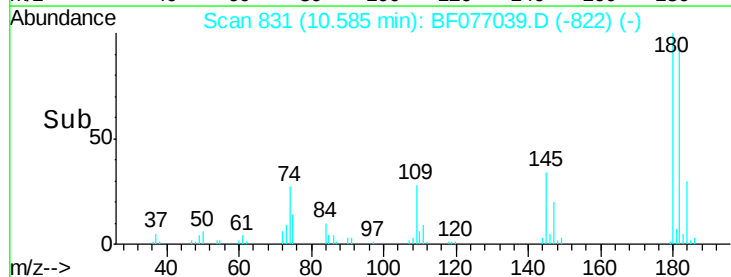
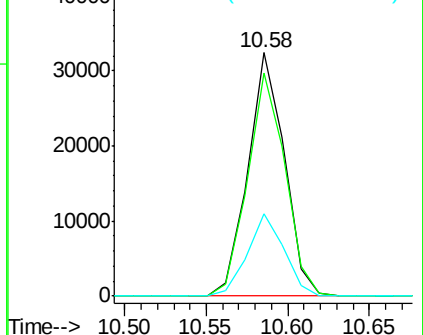


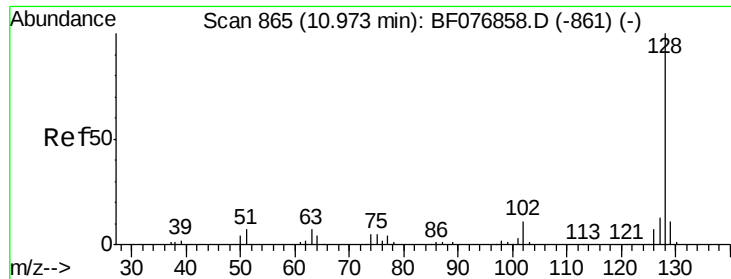
#30
1,2,4-Trichlorobenzene
Concen: 25.15 ng
RT: 10.58 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:180 Resp: 50250
Ion Ratio Lower Upper
180 100
182 91.6 73.6 110.4
145 33.7 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

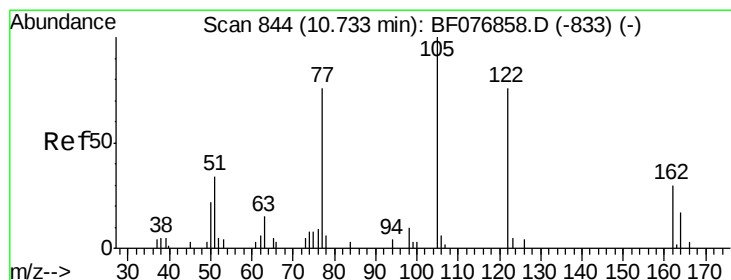
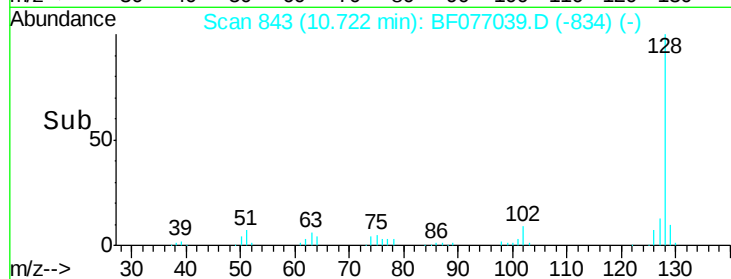
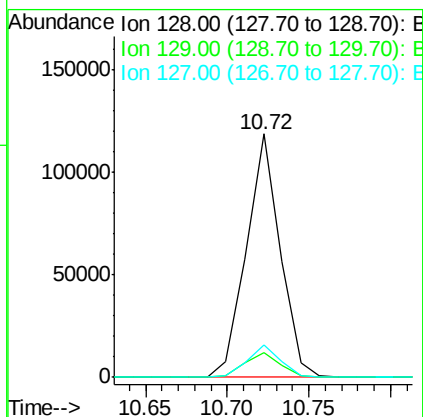
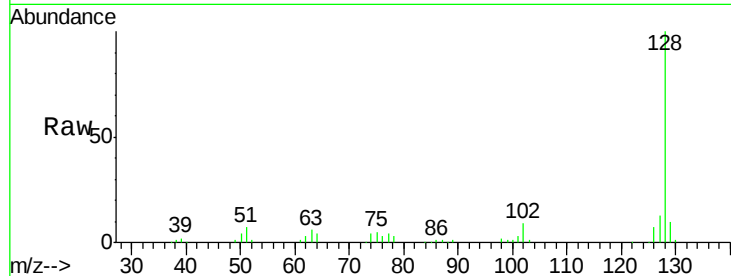




#31
Naphthalene
Concen: 24.28 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

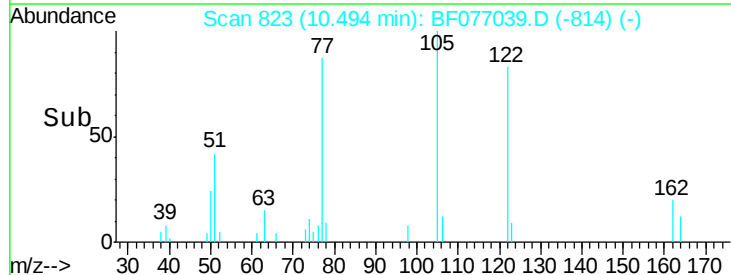
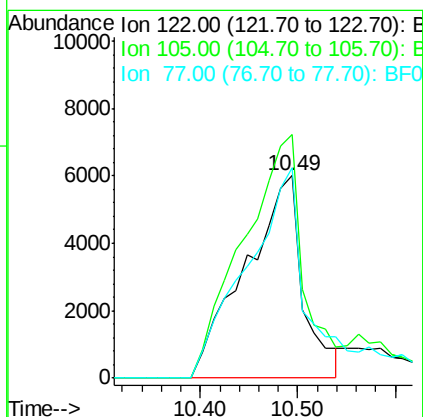
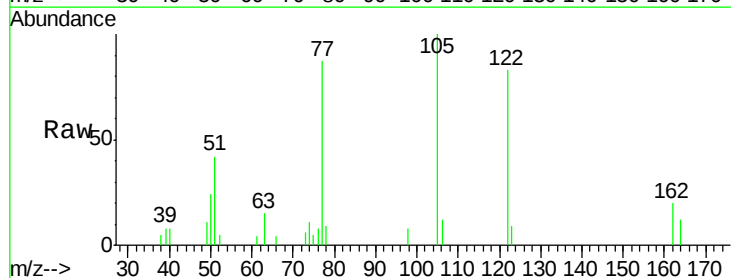
Instrument :
BNA_F
ClientSampleId :
PB81496BS

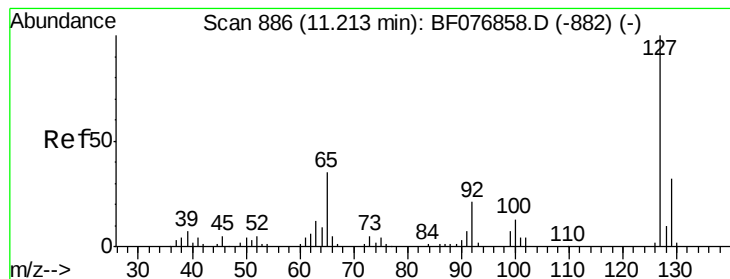
Tgt Ion:128 Resp: 169668
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 23.05 ng m
RT: 10.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:122 Resp: 24649
Ion Ratio Lower Upper
122 100
105 120.4 111.3 151.3
77 104.2 79.2 119.2





#33

4-Chloroaniline

Concen: 14.58 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

Tgt Ion:127 Resp: 41175

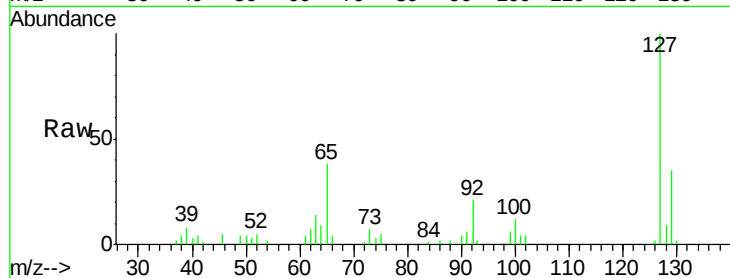
Ion Ratio Lower Upper

127 100

129 34.7 25.3 37.9

65 37.6 27.8 41.6

92 21.0 16.5 24.7

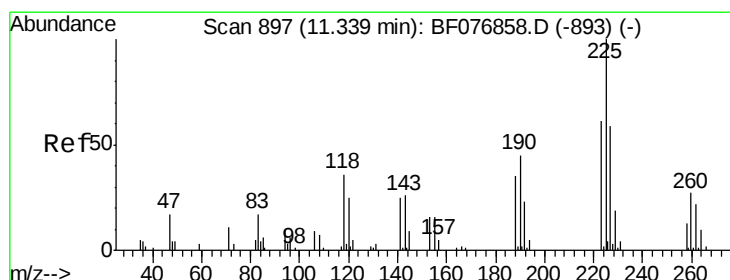
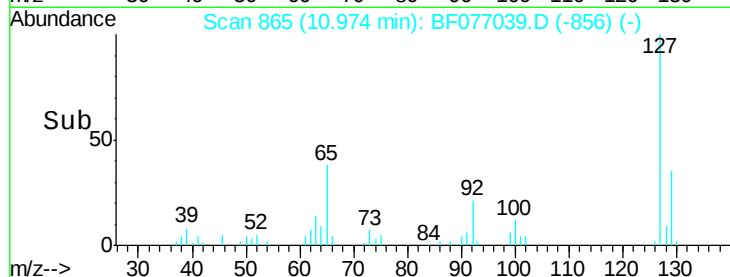
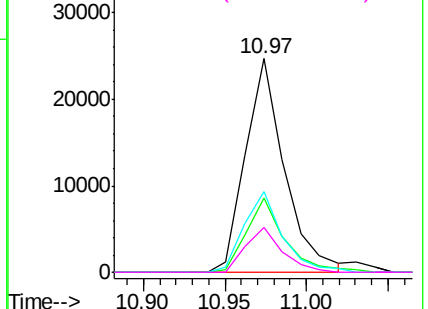


Abundance Ion 127.00 (126.70 to 127.70): E

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: 25.37 ng

RT: 11.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

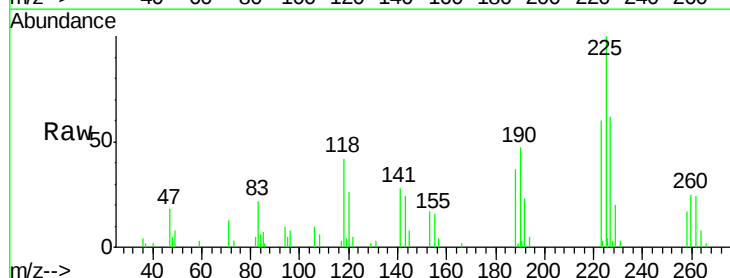
Tgt Ion:225 Resp: 30079

Ion Ratio Lower Upper

225 100

223 59.6 49.1 73.7

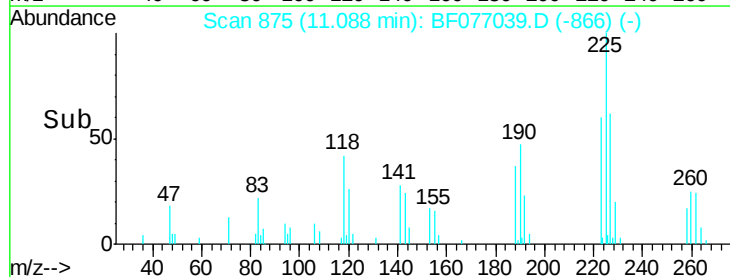
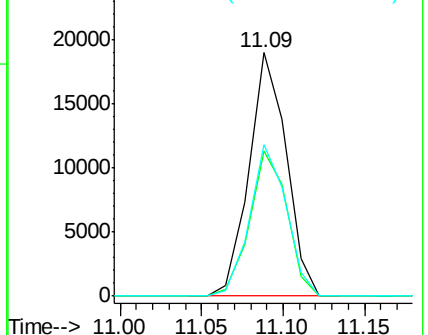
227 62.3 47.5 71.3

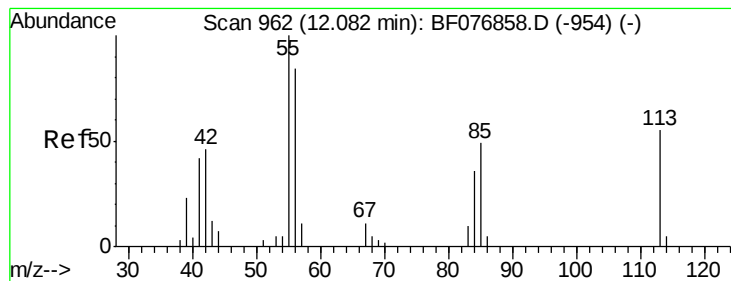


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.44 ng m

RT: 11.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

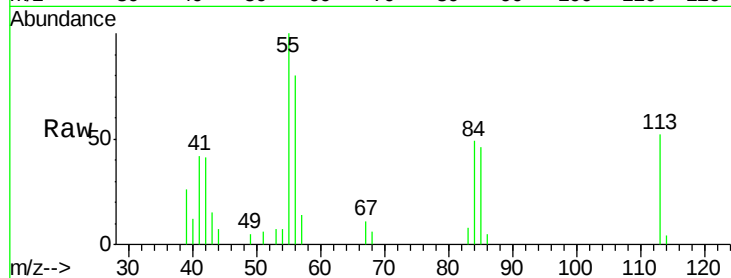
Tgt Ion:113 Resp: 14005

Ion Ratio Lower Upper

113 100

55 192.5 162.1 202.1

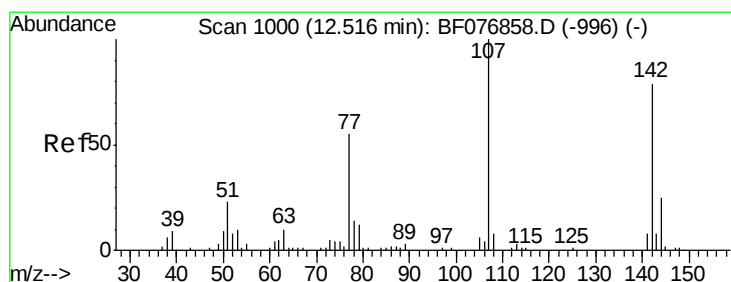
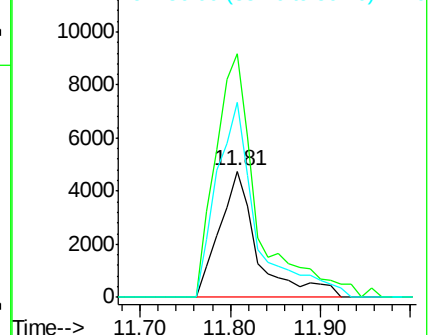
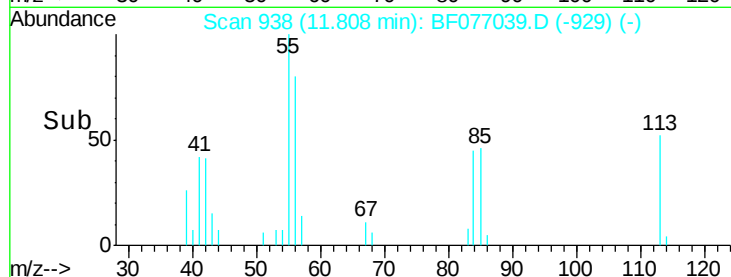
56 154.1 133.7 173.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.32 ng

RT: 12.28 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

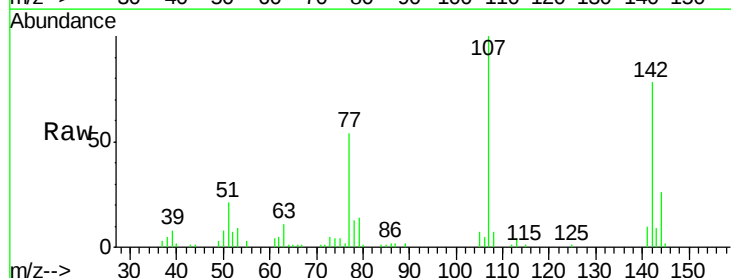
Tgt Ion:107 Resp: 54210

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

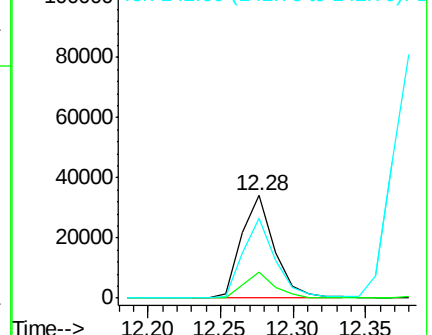
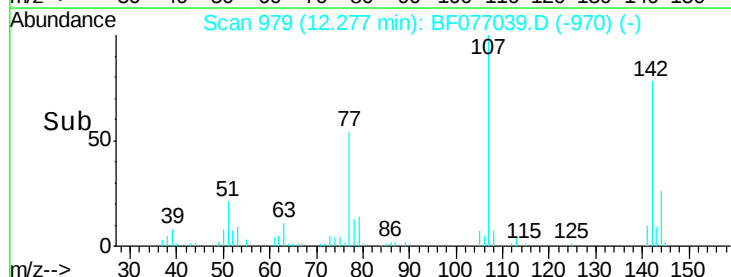
142 78.0 63.5 95.3

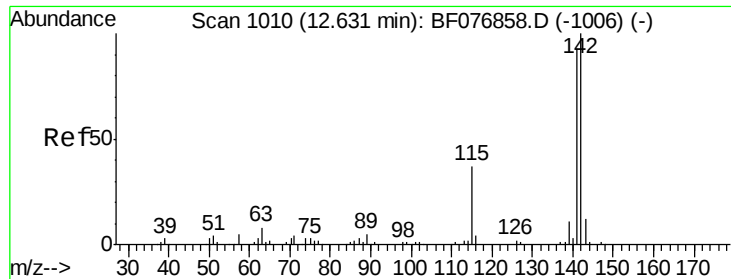


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

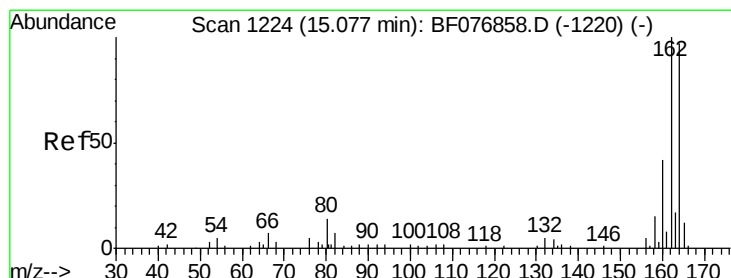
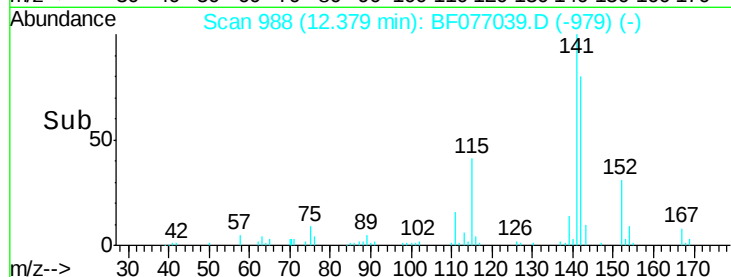
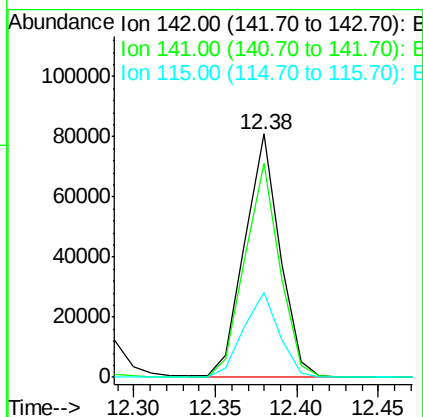
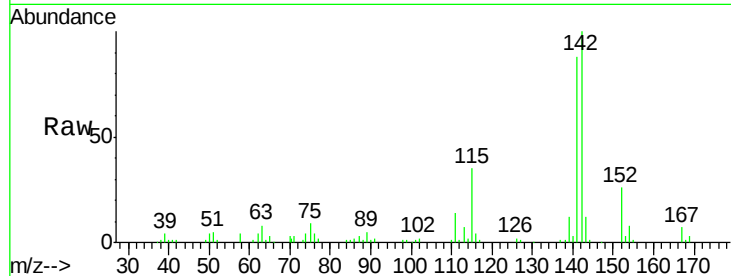




#37
2-Methylnaphthalene
Concen: 25.43 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

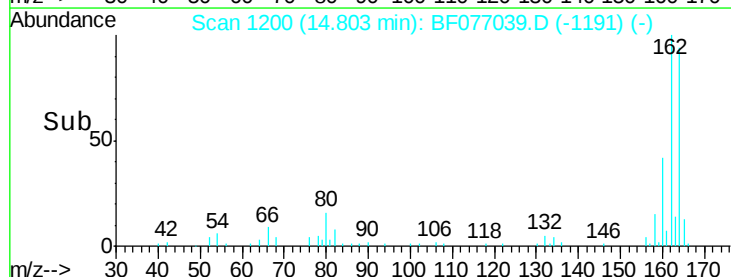
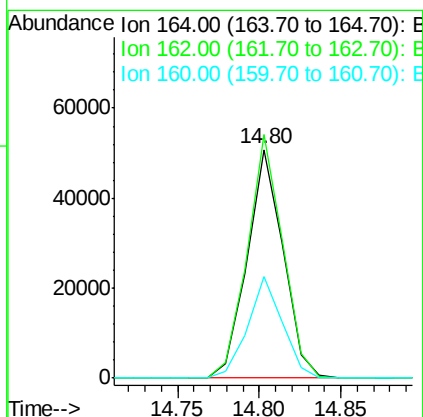
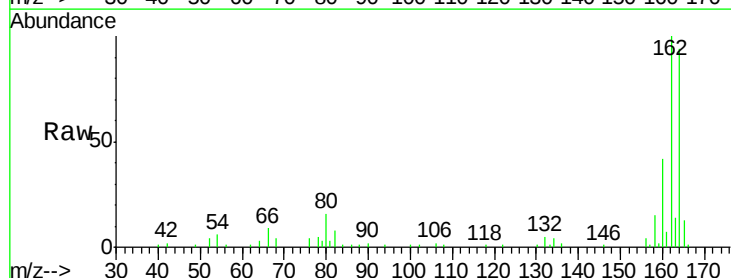
Instrument :
BNA_F
ClientSampleId :
PB81496BS

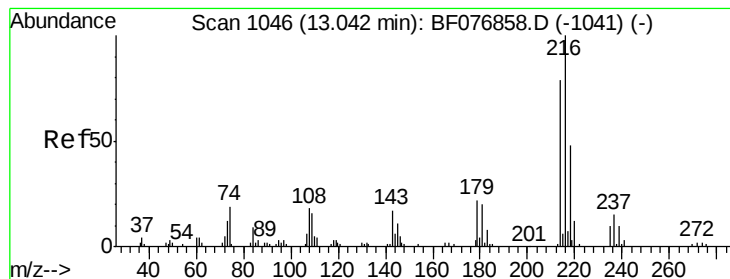
Tgt Ion:142 Resp: 121383
Ion Ratio Lower Upper
142 100
141 87.9 74.5 111.7
115 34.9 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:164 Resp: 77666
Ion Ratio Lower Upper
164 100
162 106.4 82.4 123.6
160 44.6 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.28 ng

RT: 12.78 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

Tgt Ion:216 Resp: 46614

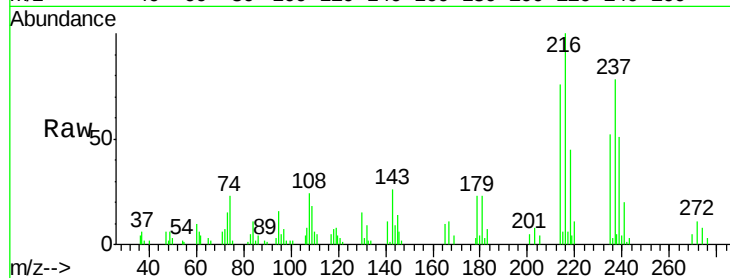
Ion Ratio Lower Upper

216 100

214 79.1 64.9 97.3

179 24.3 18.6 28.0

108 25.2 18.1 27.1

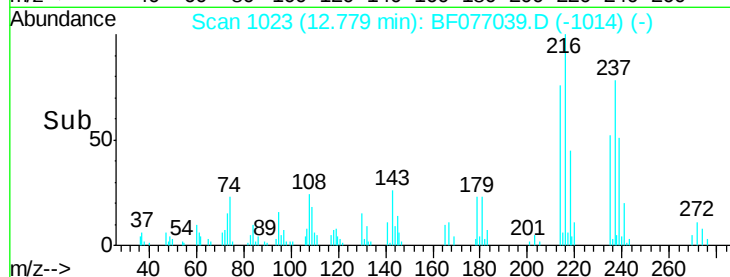


Abundance Ion 216.00 (215.70 to 216.70): E

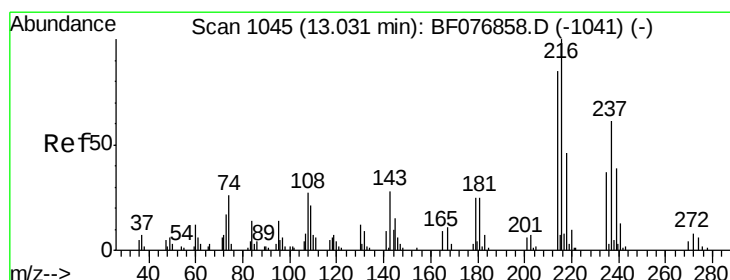
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.70 12.75 12.80 12.85



#40

Hexachlorocyclopentadiene

Concen: 51.14 ng

RT: 12.77 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

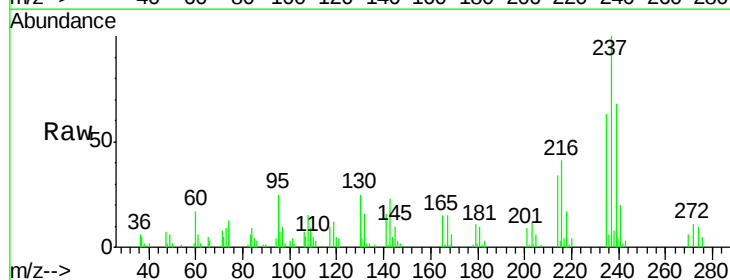
Tgt Ion:237 Resp: 51048

Ion Ratio Lower Upper

237 100

235 62.8 40.4 80.4

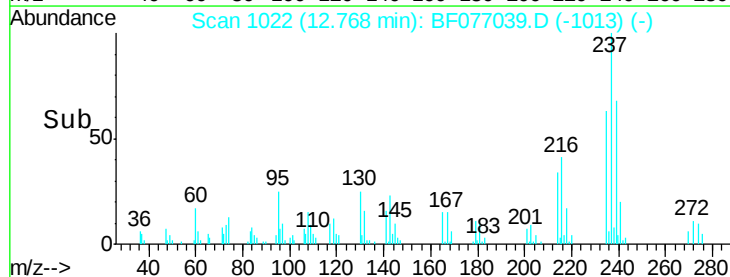
272 11.5 0.0 33.2



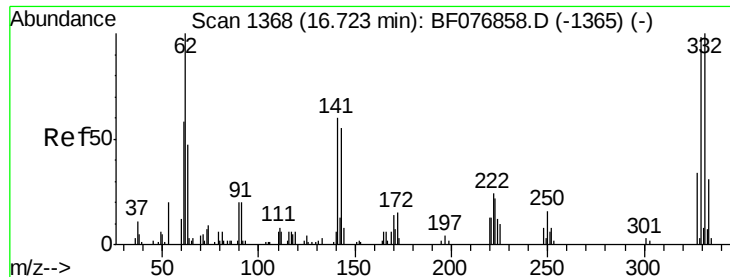
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



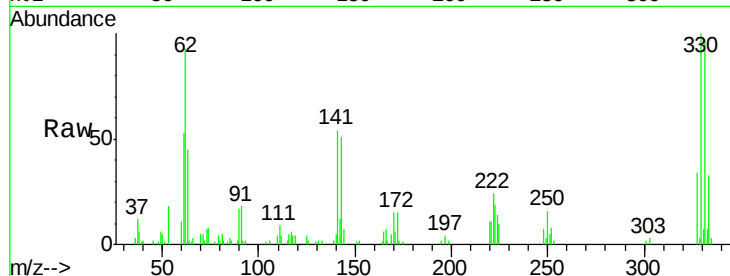
Time--> 12.70 12.75 12.80



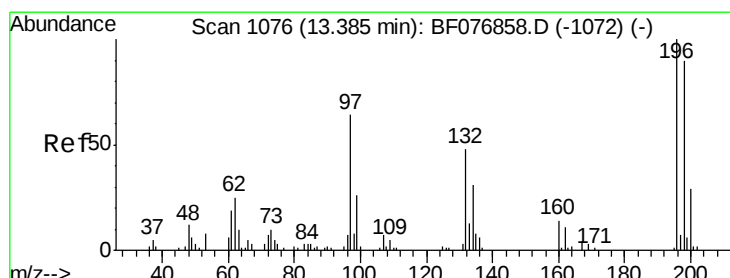
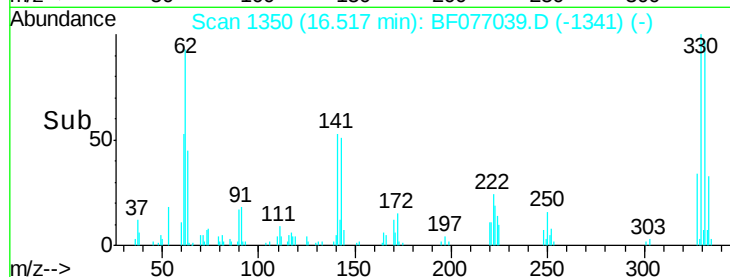
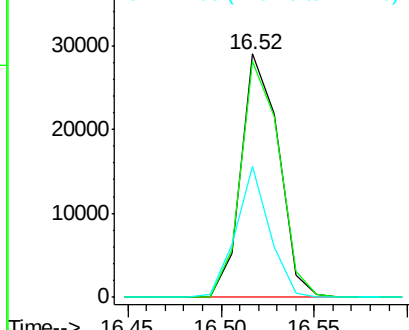
#41
 2,4,6-Tribromophenol
 Concen: 64.27 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

Tgt Ion:330 Resp: 40515
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.8 116.6
 141 48.9 38.5 57.7

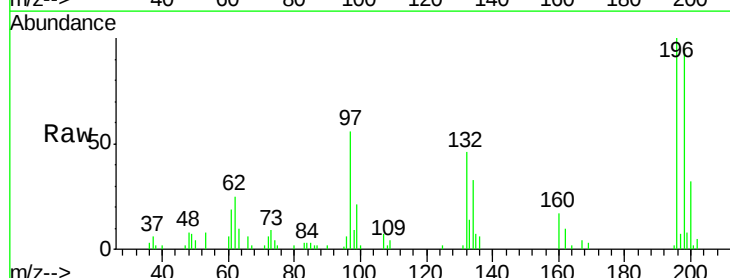


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

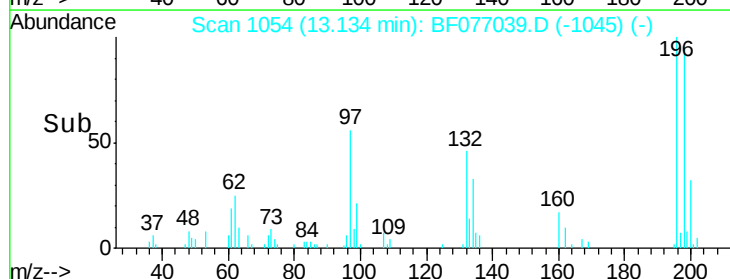
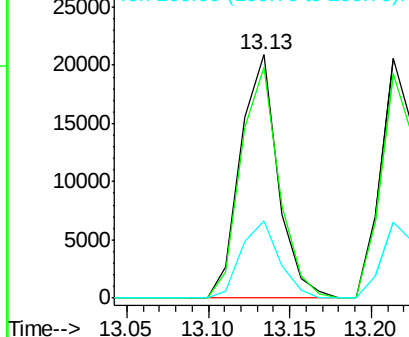


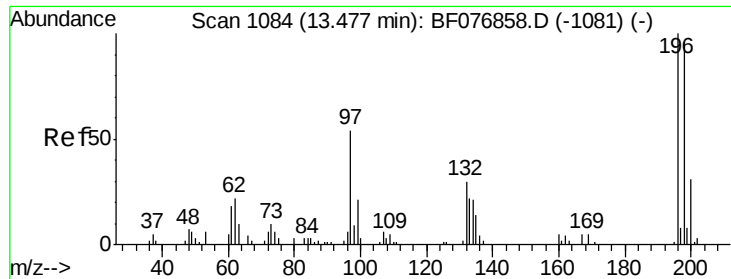
#42
 2,4,6-Trichlorophenol
 Concen: 23.80 ng
 RT: 13.13 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:196 Resp: 33301
 Ion Ratio Lower Upper
 196 100
 198 94.7 72.0 108.0
 200 31.5 23.4 35.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

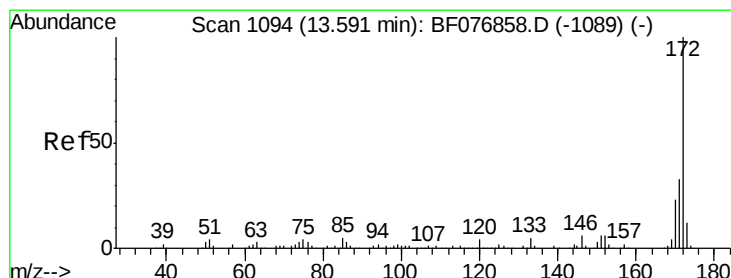
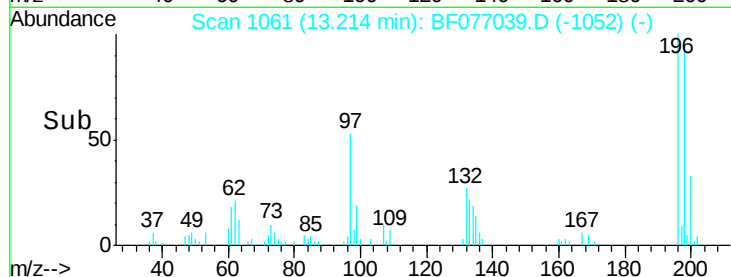
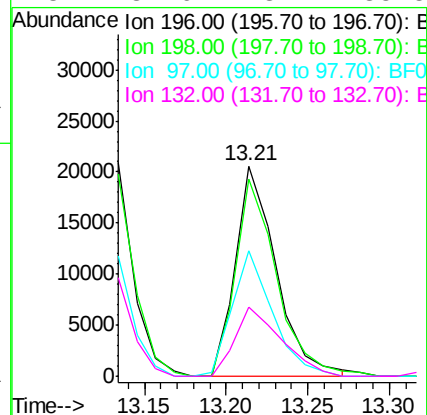
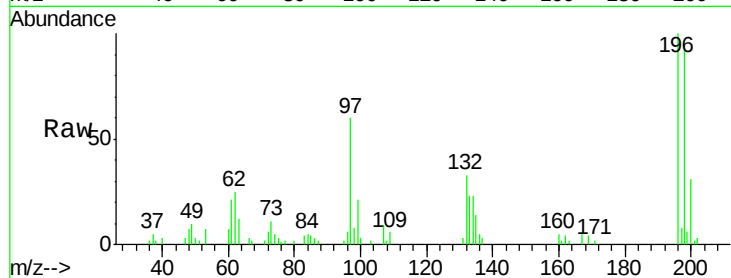




#43
2,4,5-Trichlorophenol
Concen: 25.05 ng
RT: 13.21 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

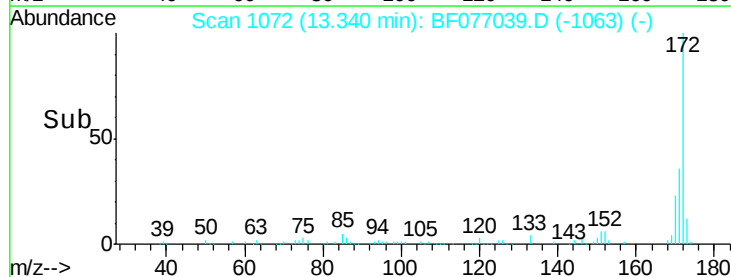
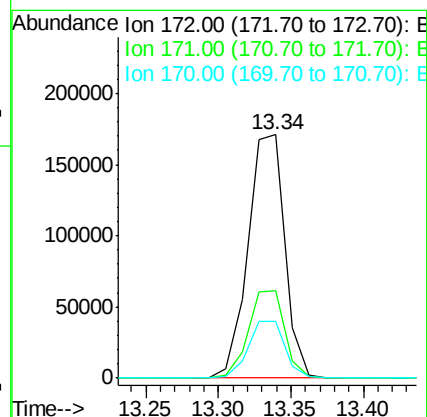
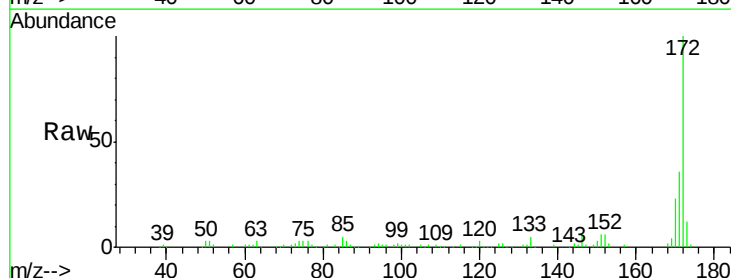
Instrument :
BNA_F
ClientSampleId :
PB81496BS

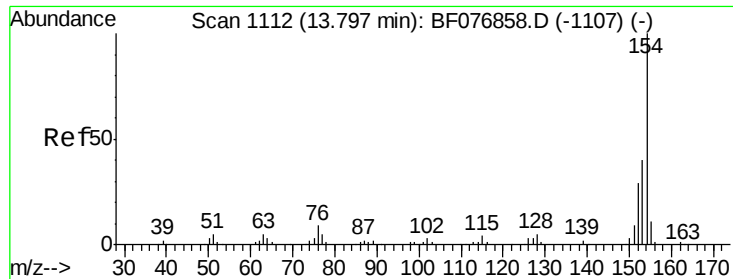
Tgt Ion:196 Resp: 35751
Ion Ratio Lower Upper
196 100
198 93.6 76.6 115.0
97 59.7 43.4 65.0
132 32.6 23.7 35.5



#44
2-Fluorobiphenyl
Concen: 58.88 ng
RT: 13.34 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:172 Resp: 300485
Ion Ratio Lower Upper
172 100
171 35.8 26.6 40.0
170 23.3 18.0 27.0

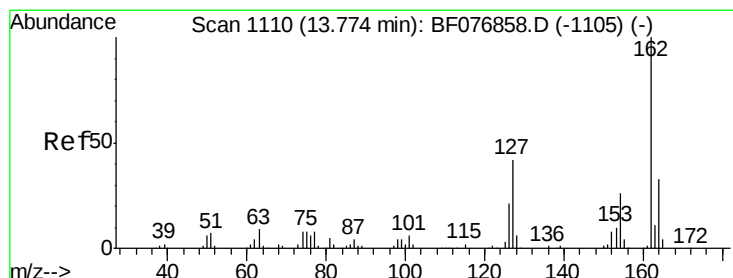
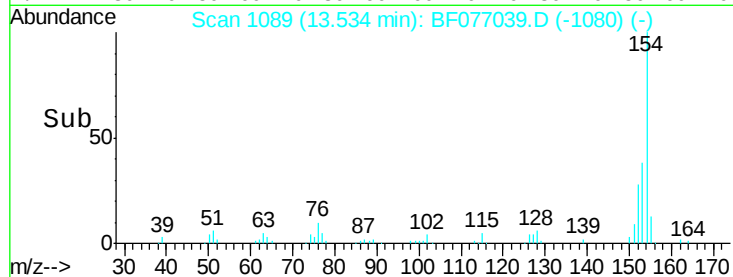
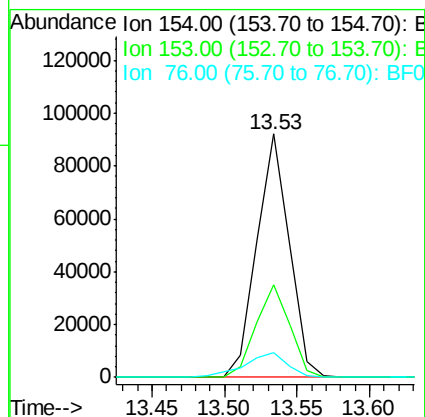
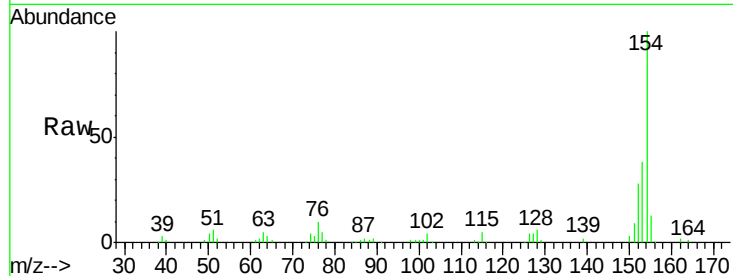




#45
 1,1'-Biphenyl
 Concen: 24.77 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

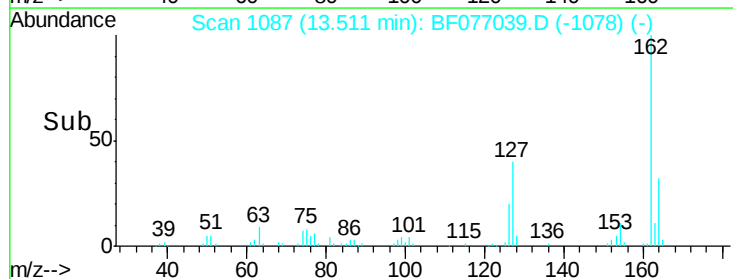
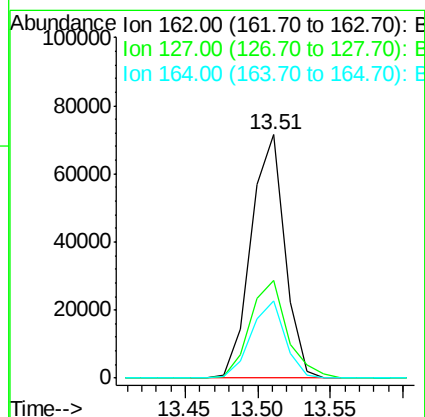
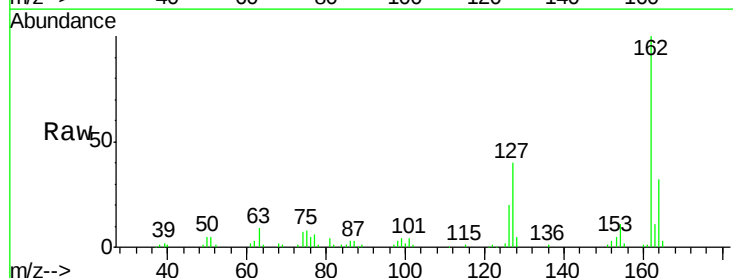
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

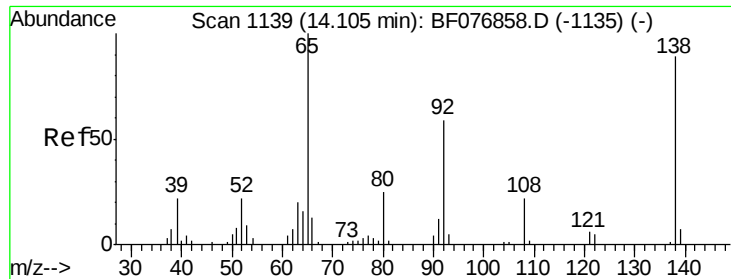
Tgt Ion:	154	Resp:	142592
Ion	Ratio	Lower	Upper
154	100		
153	37.8	20.2	60.2
76	10.3	0.0	29.0



#46
 2-Chloronaphthalene
 Concen: 24.35 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:	162	Resp:	115390
Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.8	50.6
164	31.6	26.8	40.2

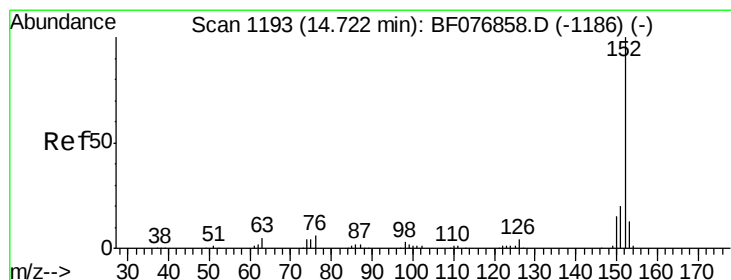
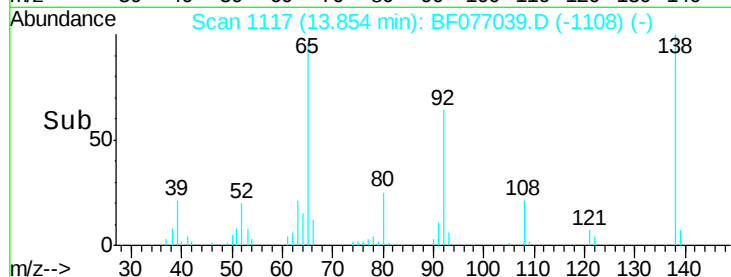
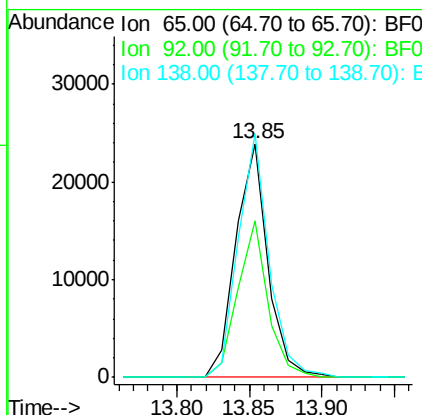
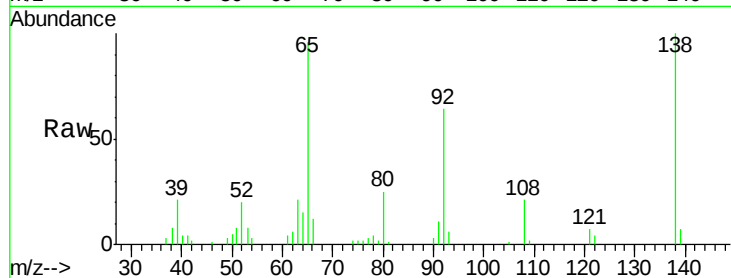




#47
 2-Nitroaniline
 Concen: 25.43 ng
 RT: 13.85 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

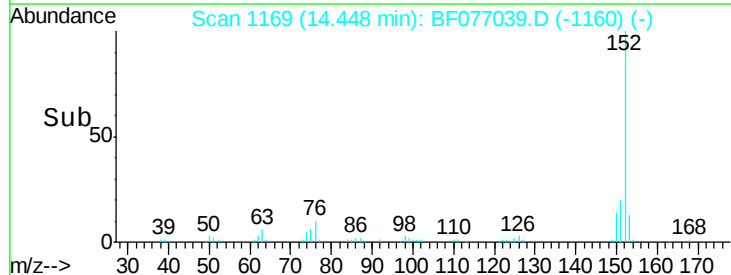
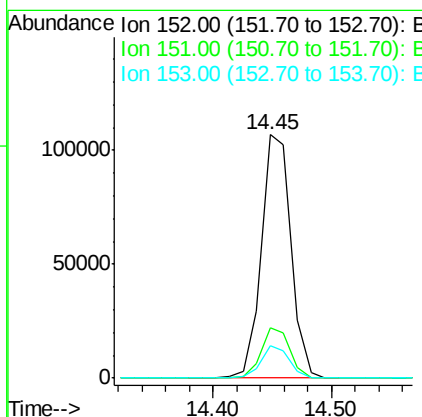
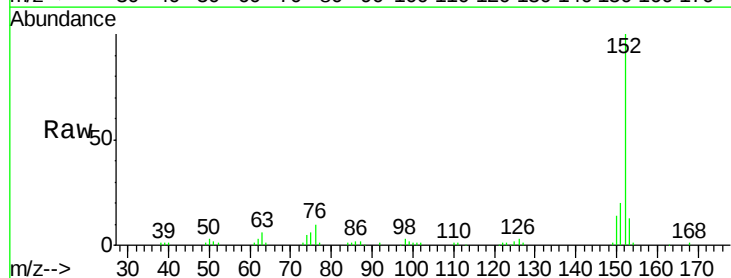
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

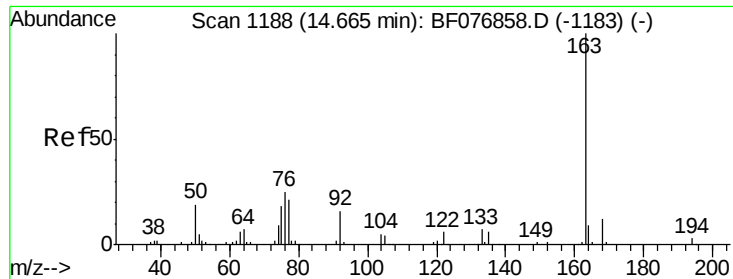
Tgt Ion: 65 Resp: 36552
 Ion Ratio Lower Upper
 65 100
 92 66.8 47.3 70.9
 138 104.3 71.4 107.2



#48
 Acenaphthylene
 Concen: 23.29 ng
 RT: 14.45 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 152 Resp: 186127
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.9 23.9
 153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 25.48 ng

RT: 14.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

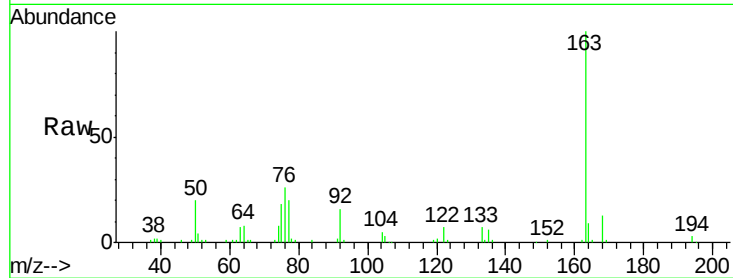
Tgt Ion:163 Resp: 140352

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

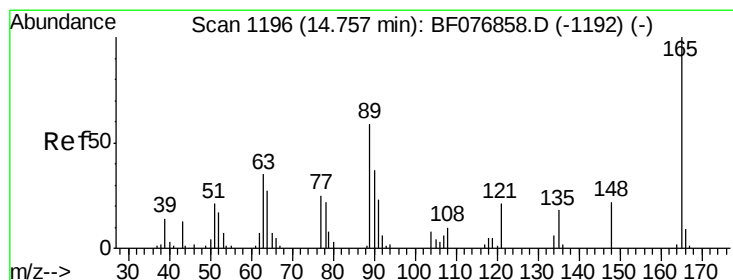
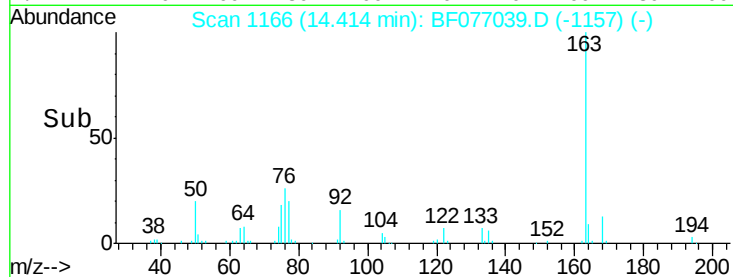
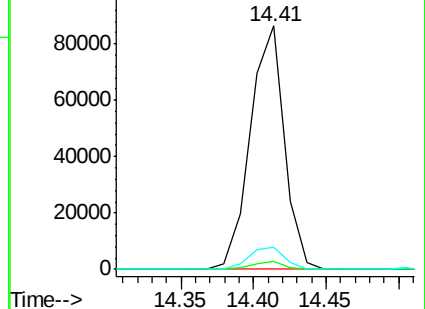
164 9.0 7.5 11.3



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: 26.83 ng

RT: 14.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

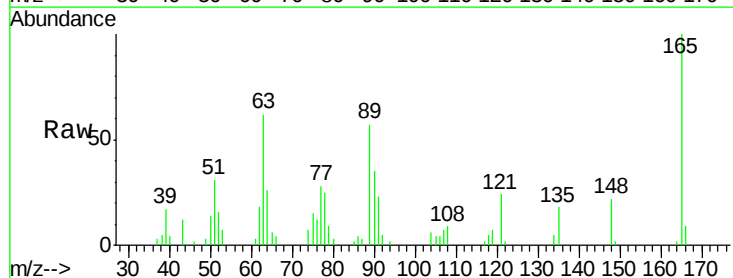
Tgt Ion:165 Resp: 29521

Ion Ratio Lower Upper

165 100

63 61.9 48.1 72.1

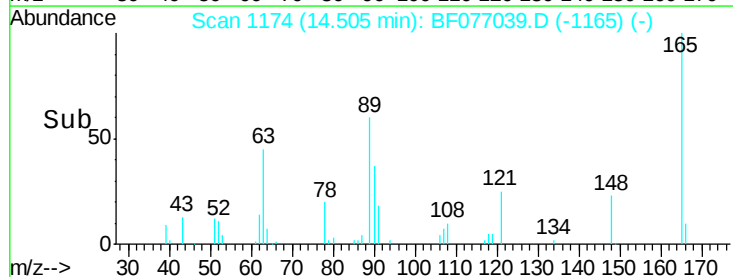
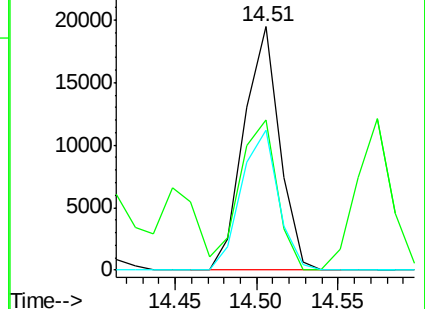
89 57.2 47.2 70.8

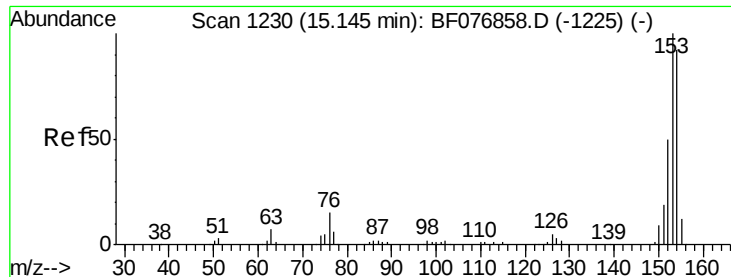


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.03 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

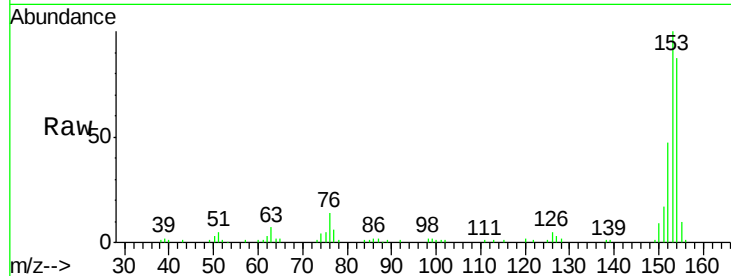
Tgt Ion:154 Resp: 104443

Ion Ratio Lower Upper

154 100

153 114.9 87.0 130.6

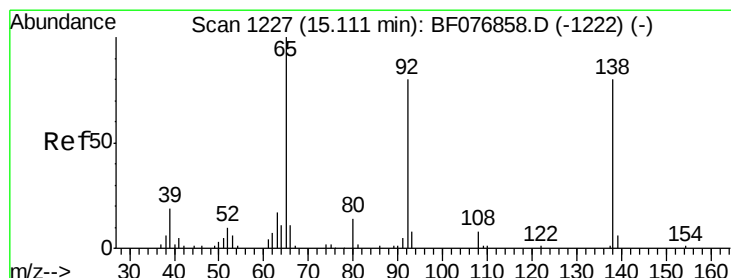
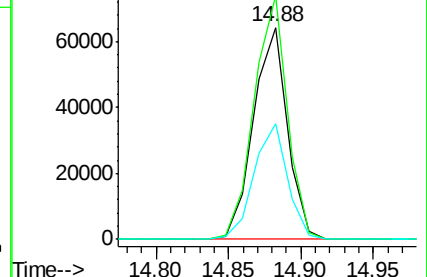
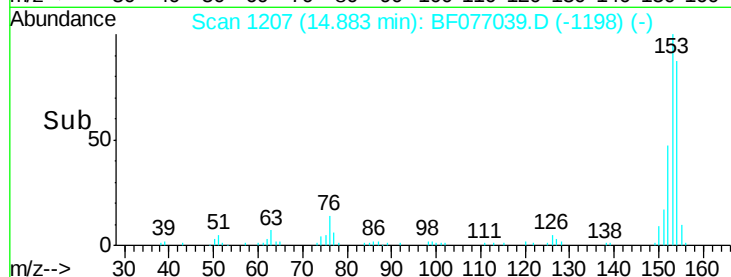
152 54.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.06 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

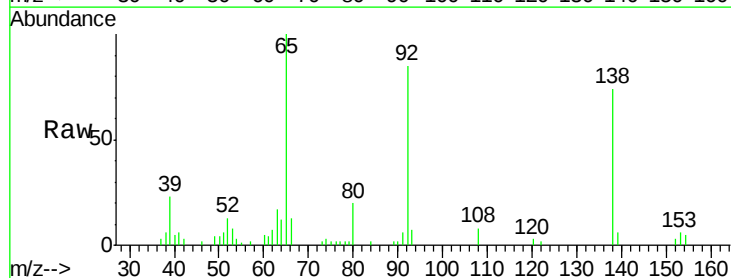
Tgt Ion:138 Resp: 24253

Ion Ratio Lower Upper

138 100

108 11.0 8.3 12.5

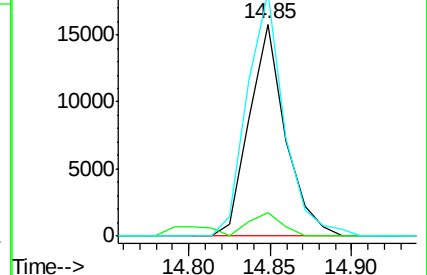
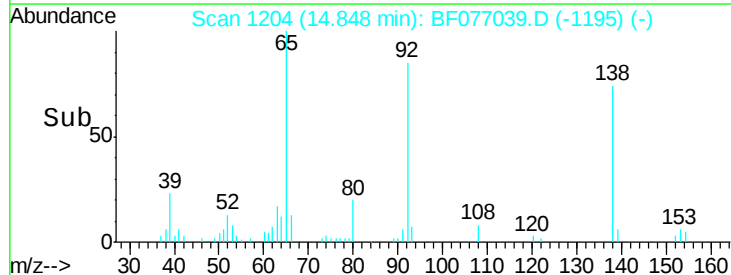
92 114.9 80.9 121.3

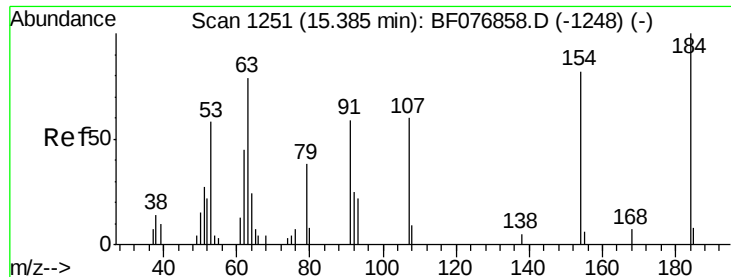


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

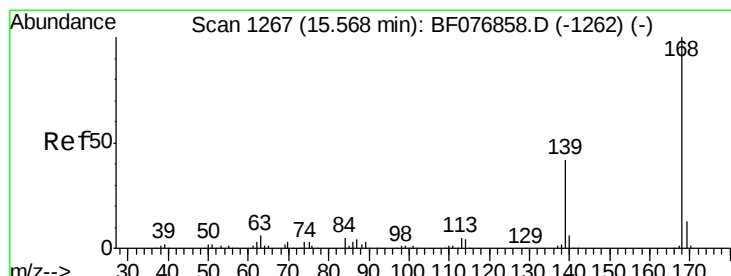
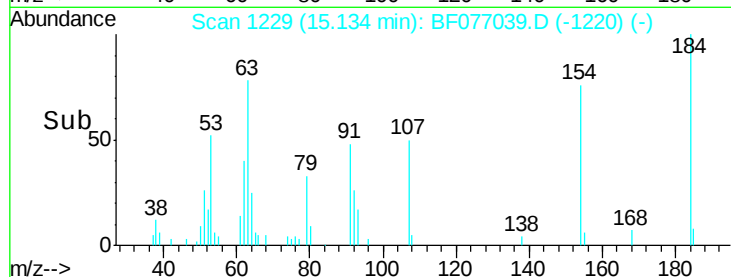
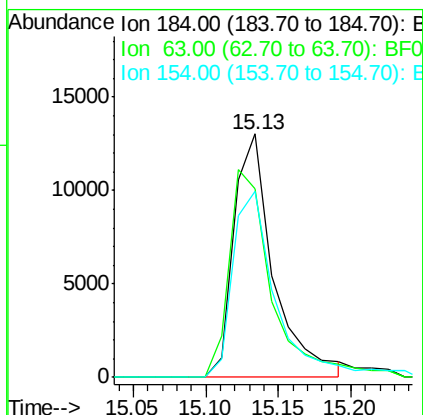
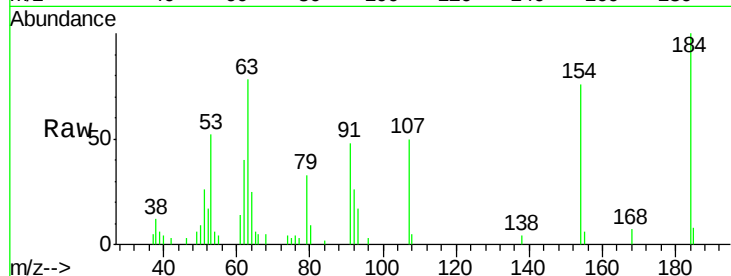




#53
 2,4-Dinitrophenol
 Concen: 52.60 ng
 RT: 15.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

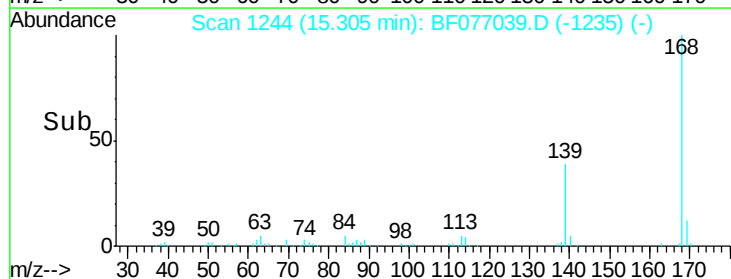
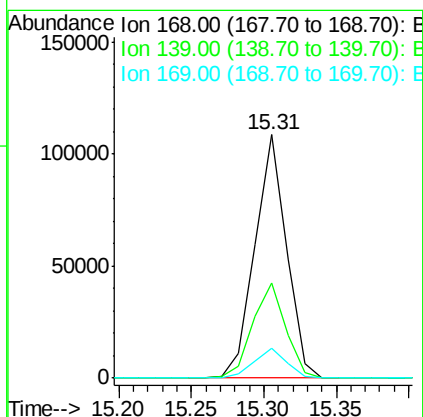
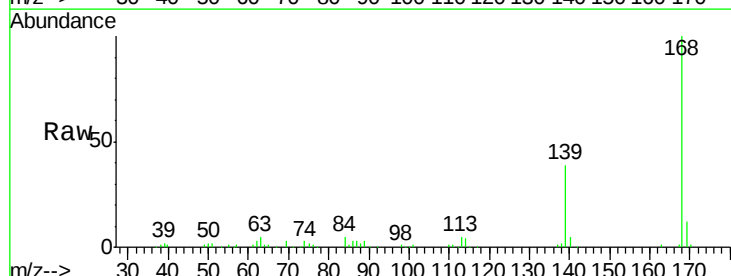
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

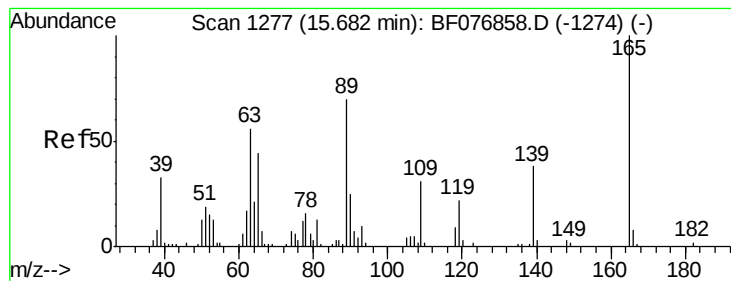
Tgt Ion:184 Resp: 24726
 Ion Ratio Lower Upper
 184 100
 63 77.5 63.0 94.6
 154 76.3 65.5 98.3



#54
 Dibenzofuran
 Concen: 24.87 ng
 RT: 15.31 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:168 Resp: 164301
 Ion Ratio Lower Upper
 168 100
 139 39.2 33.4 50.2
 169 12.4 10.6 15.8





#55

4-Nitrophenol

Concen: 48.92 ng

RT: 15.44 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

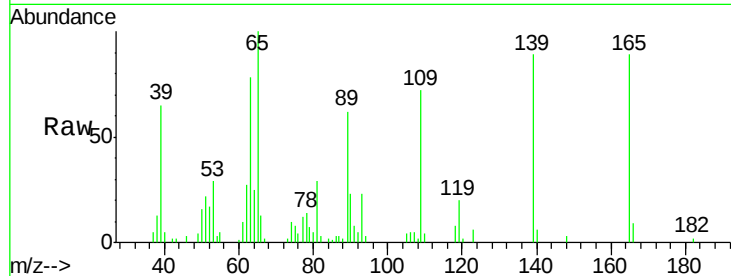
Tgt Ion:139 Resp: 42232

Ion Ratio Lower Upper

139 100

109 80.5 61.0 101.0

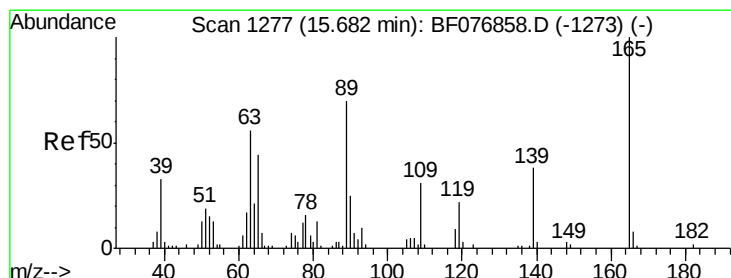
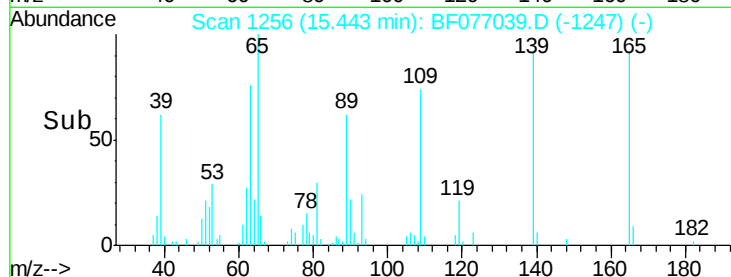
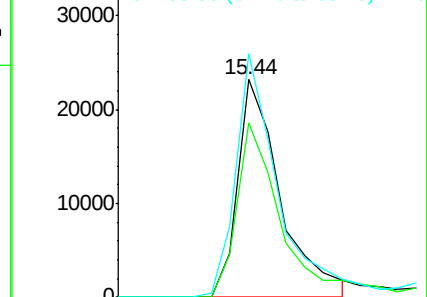
65 112.0 96.6 136.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 24.88 ng

RT: 15.44 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Tgt Ion:165 Resp: 39291

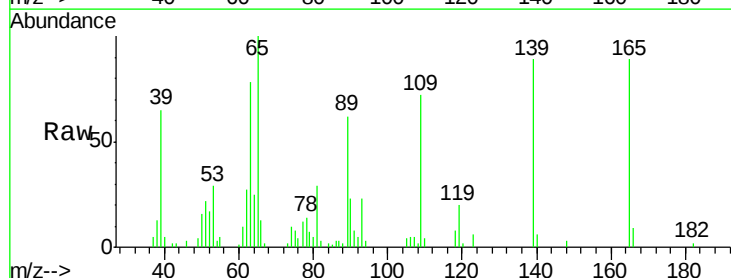
Ion Ratio Lower Upper

165 100

63 87.7 44.8 67.2#

89 70.0 56.2 84.2

182 2.6 1.5 2.3#

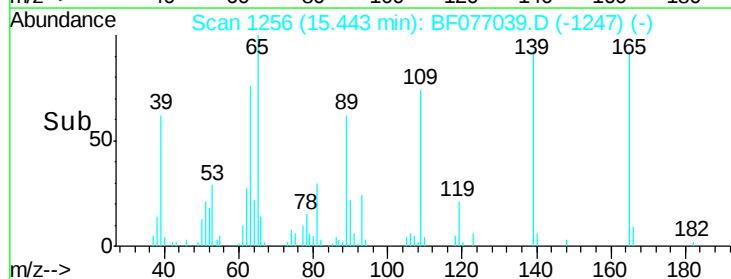
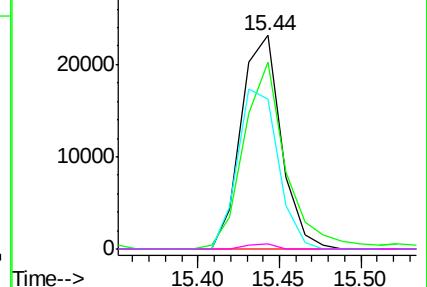


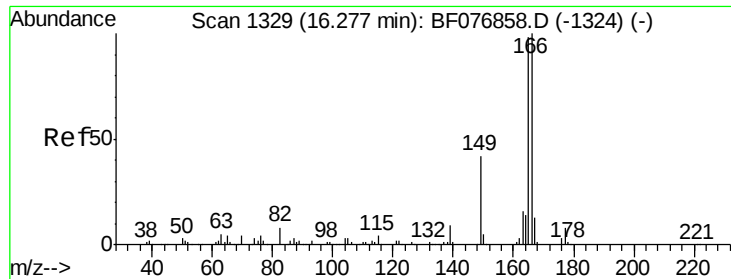
Abundance Ion 165.00 (164.70 to 165.70): E

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: 24.01 ng

RT: 16.05 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

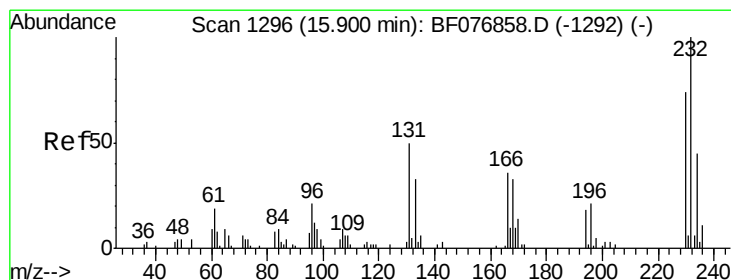
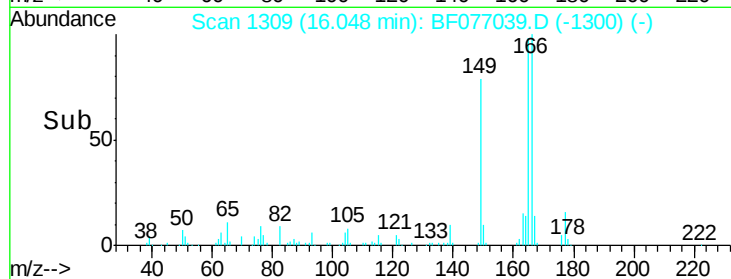
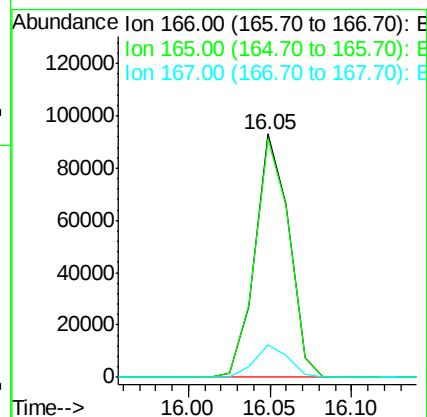
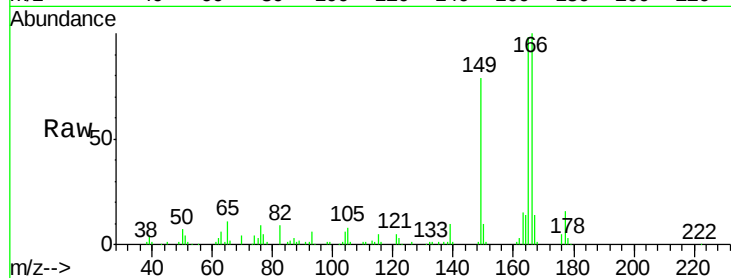
Tgt Ion:166 Resp: 134362

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

167 13.5 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.79 ng

RT: 15.66 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Tgt Ion:232 Resp: 28874

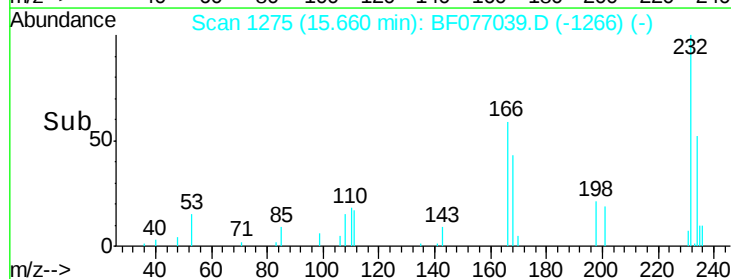
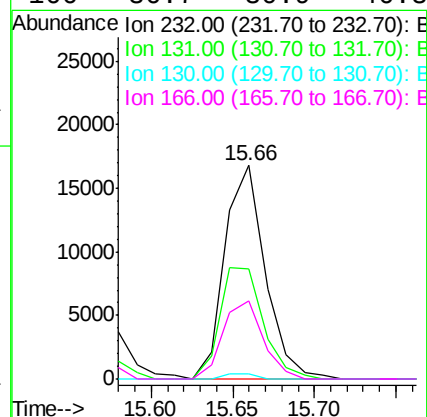
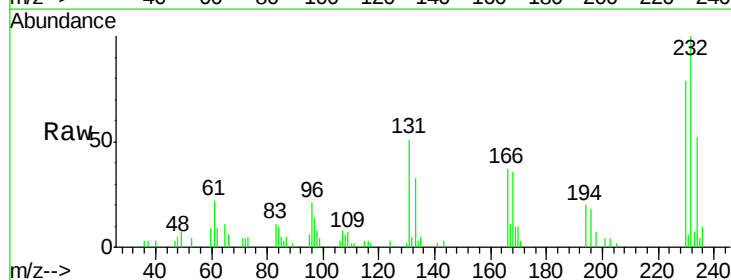
Ion Ratio Lower Upper

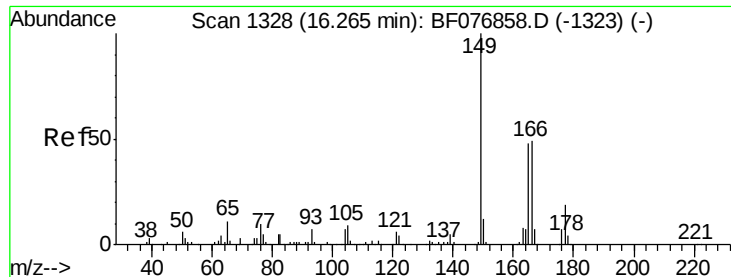
232 100

131 56.0 45.0 67.6

130 1.8 2.6 3.8#

166 36.7 30.9 46.3





#59

Diethylphthalate

Concen: 26.40 ng

RT: 16.06 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

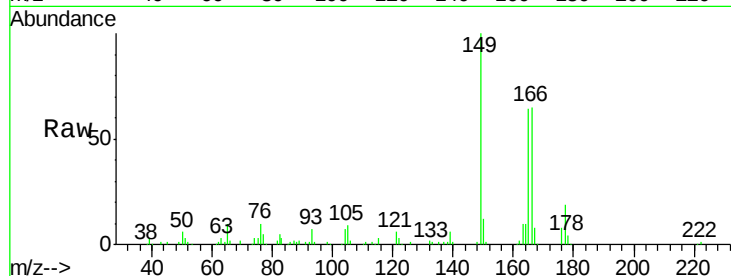
Tgt Ion:149 Resp: 146953

Ion Ratio Lower Upper

149 100

177 19.1 15.0 22.6

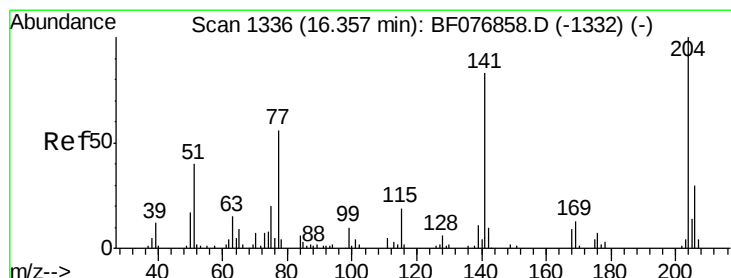
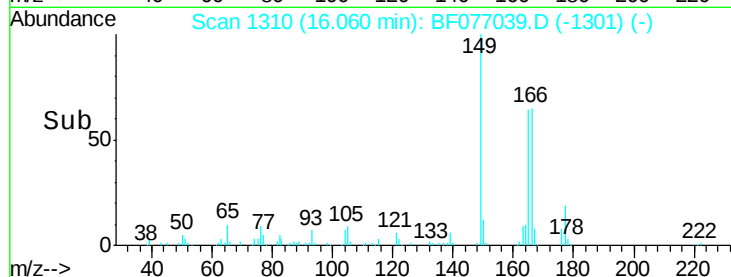
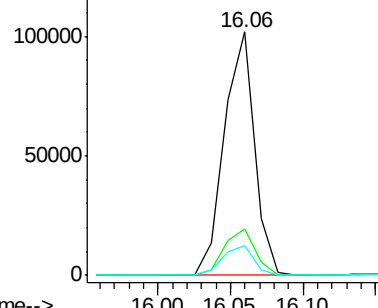
150 12.4 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 25.00 ng

RT: 16.15 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

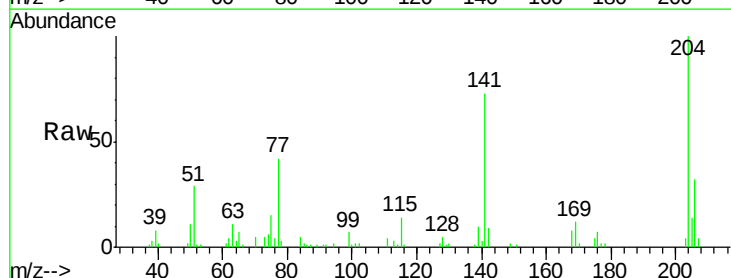
Tgt Ion:204 Resp: 57248

Ion Ratio Lower Upper

204 100

206 31.6 24.2 36.2

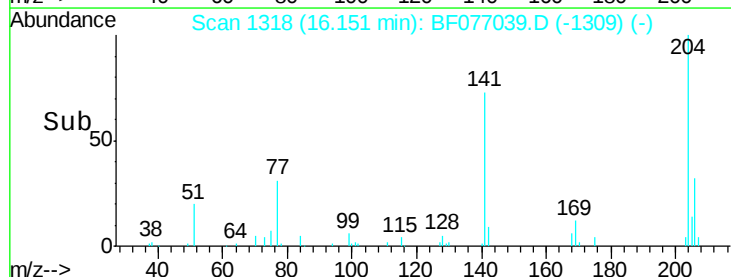
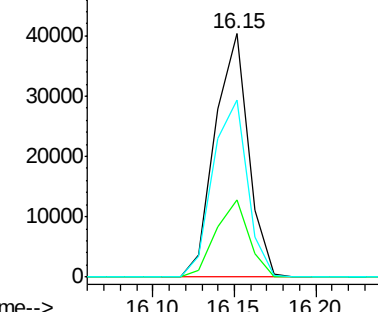
141 72.9 66.7 100.1

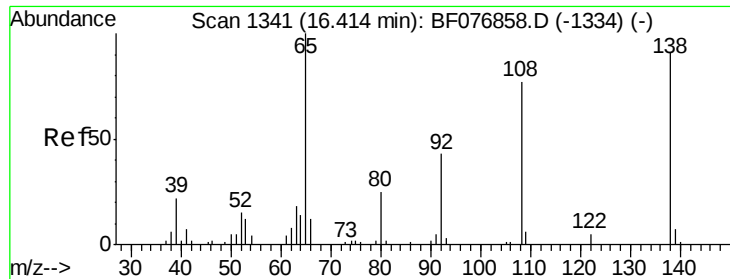


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

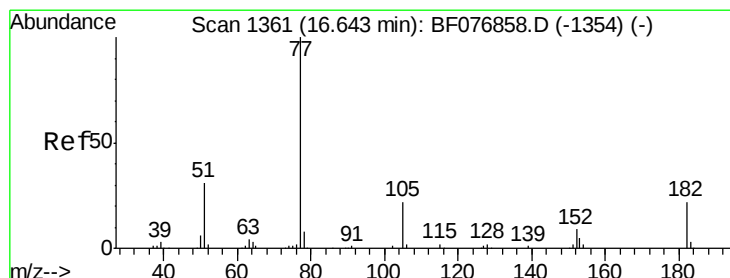
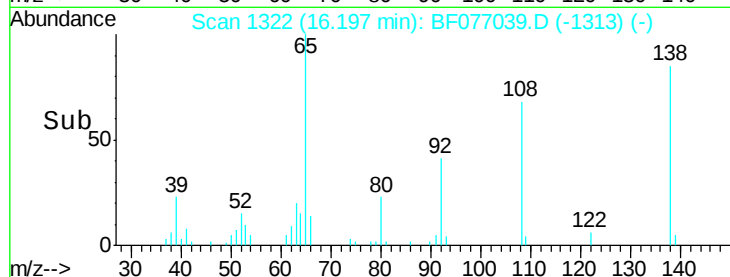
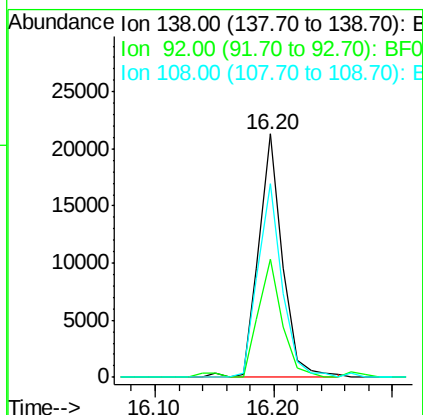
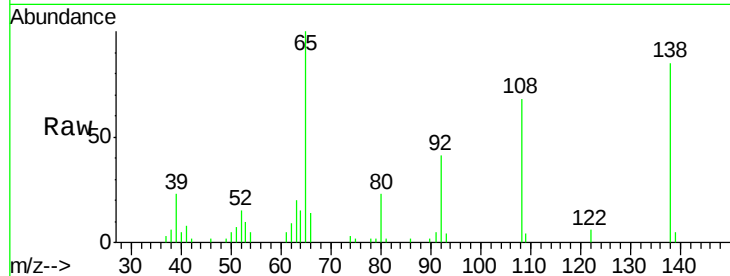




#61
4-Nitroaniline
Concen: 22.46 ng
RT: 16.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

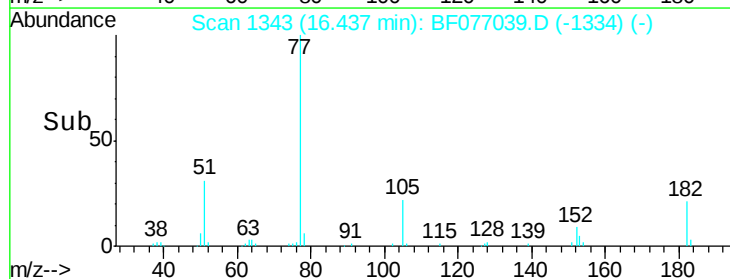
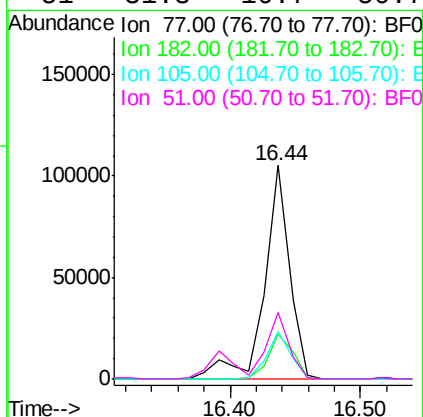
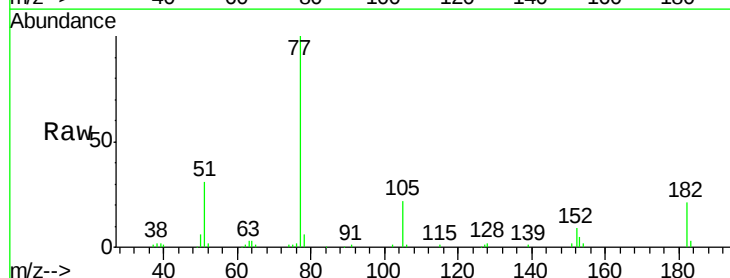
Instrument :
BNA_F
ClientSampleId :
PB81496BS

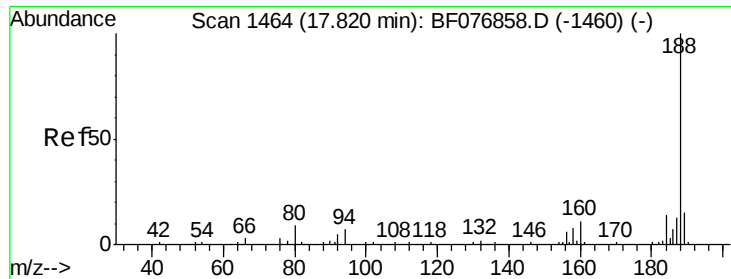
Tgt Ion:138 Resp: 30065
Ion Ratio Lower Upper
138 100
92 48.3 26.7 66.7
108 79.6 64.5 104.5



#62
Azobenzene
Concen: 24.73 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 77 Resp: 143441
Ion Ratio Lower Upper
77 100
182 21.3 2.0 42.0
105 22.2 2.3 42.3
51 31.3 10.7 50.7

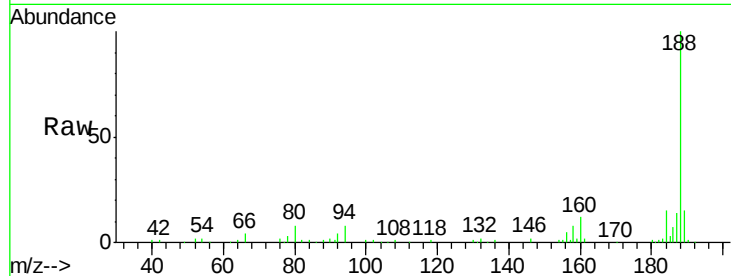




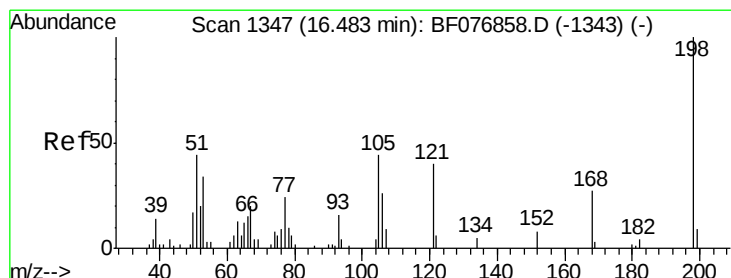
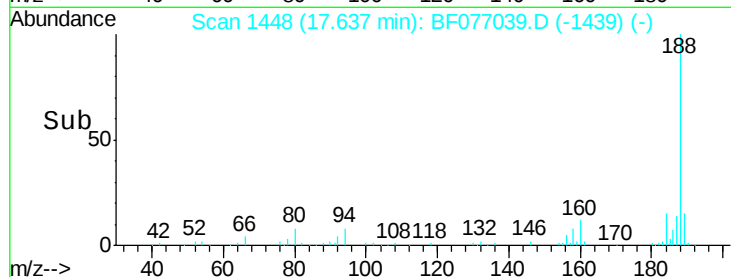
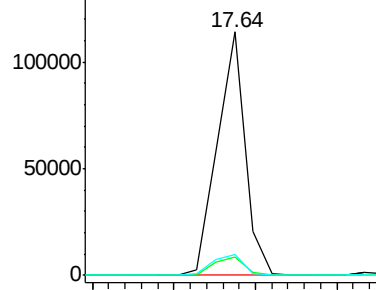
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :
PB81496BS

Tgt Ion:188 Resp: 134589
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.4 6.9 10.3

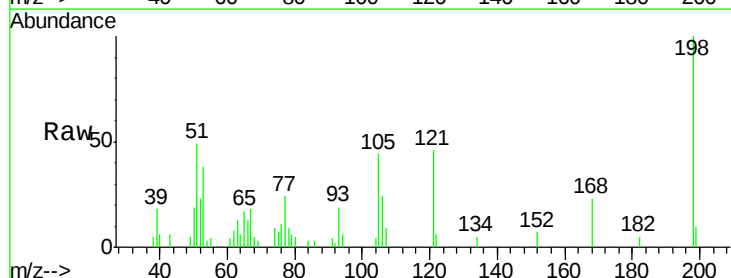


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

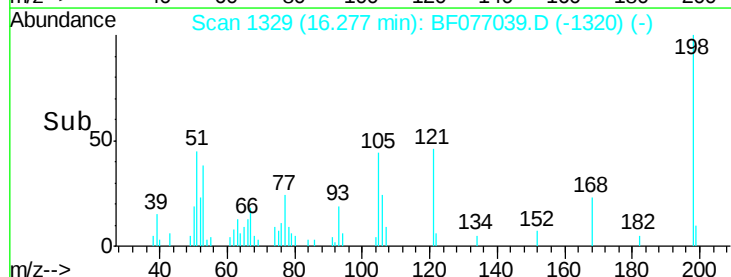
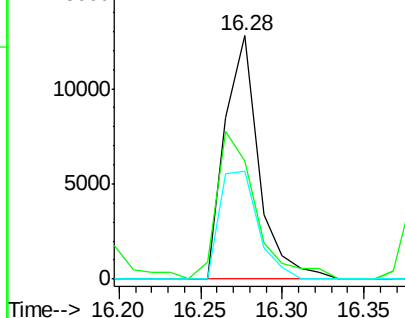


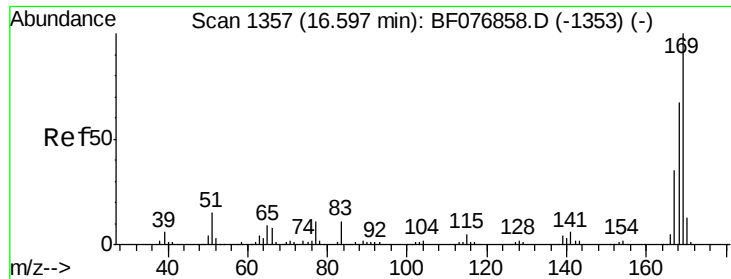
#64
4,6-Dinitro-2-methylphenol
Concen: 23.12 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:198 Resp: 18405
Ion Ratio Lower Upper
198 100
51 48.7 24.2 64.2
105 44.3 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

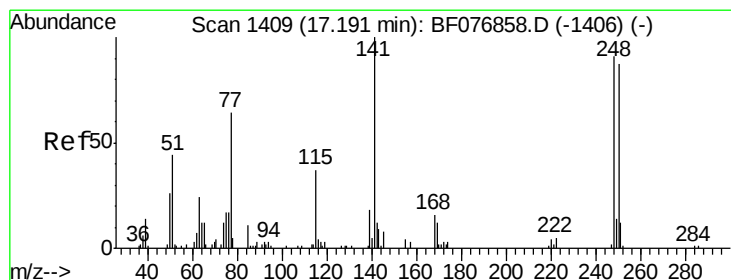
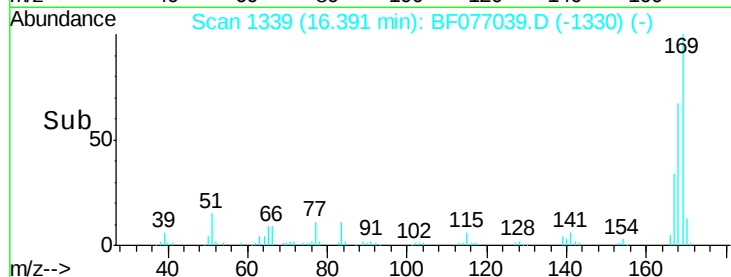
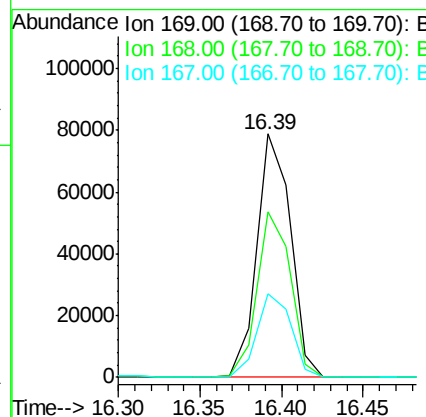
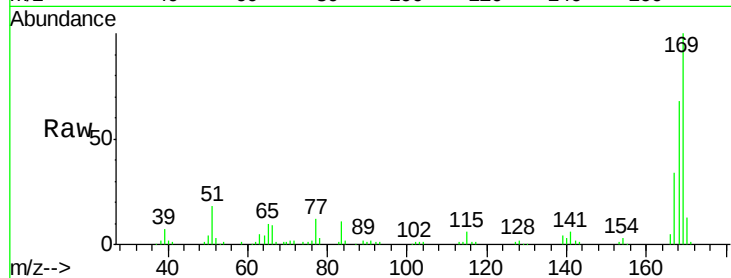




#65
 n-Nitrosodiphenylamine
 Concen: 23.56 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

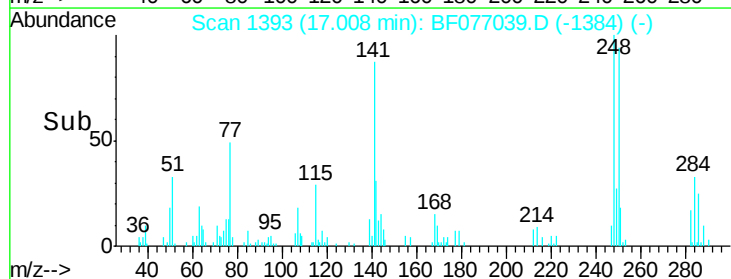
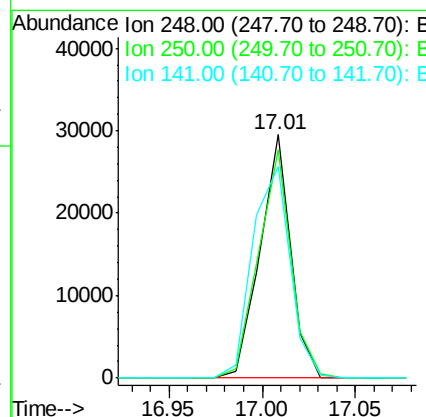
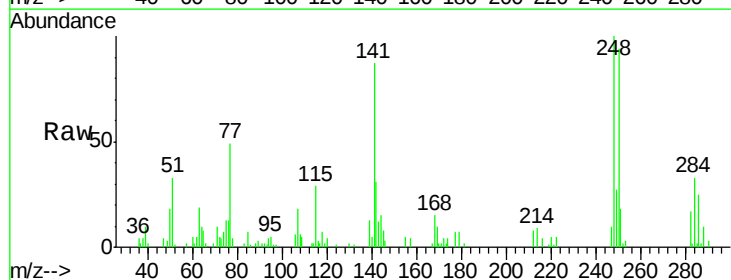
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

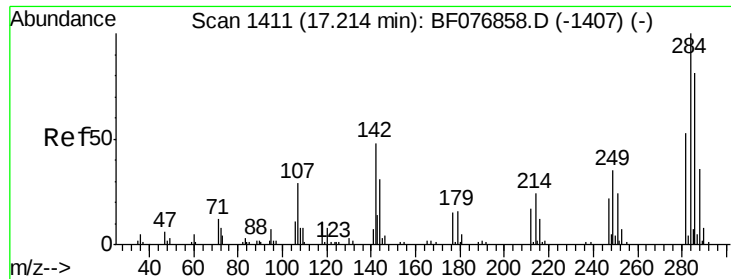
Tgt Ion:169 Resp: 113076
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.8 80.6
 167 34.2 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 24.52 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:248 Resp: 33427
 Ion Ratio Lower Upper
 248 100
 250 93.8 77.1 115.7
 141 86.8 88.2 132.4#

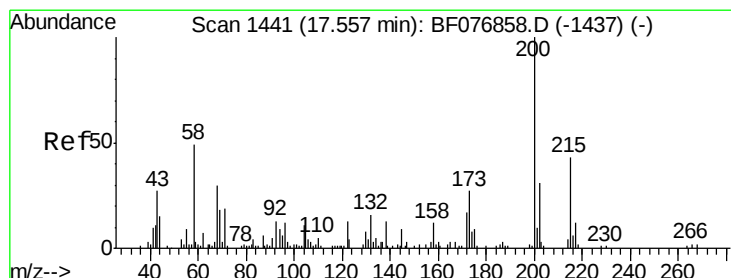
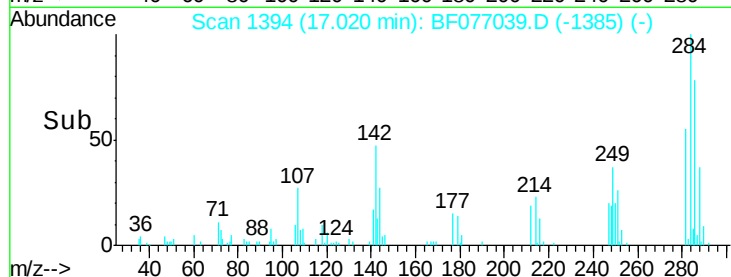
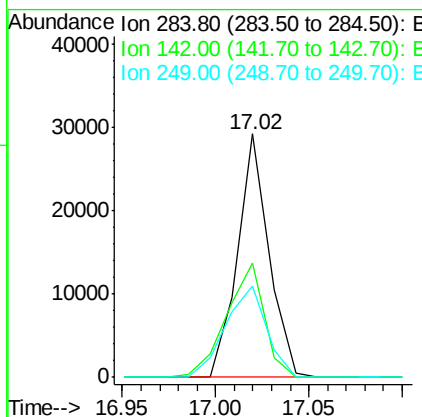
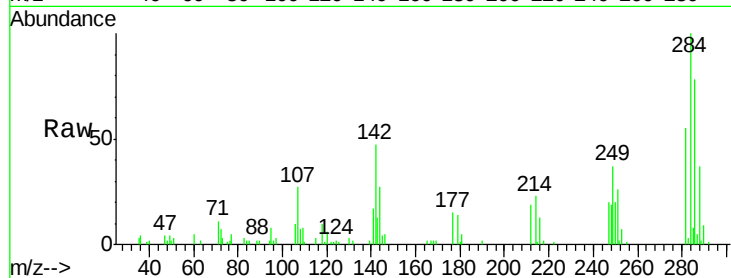




#67
Hexachlorobenzene
Concen: 23.80 ng
RT: 17.02 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

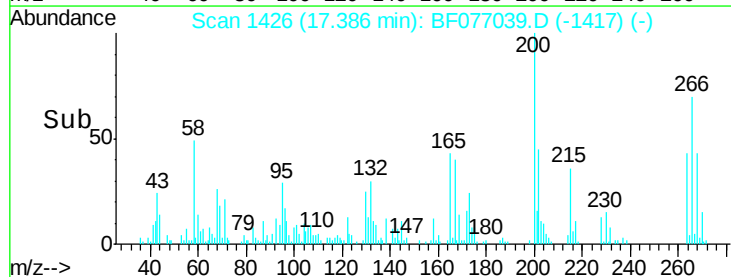
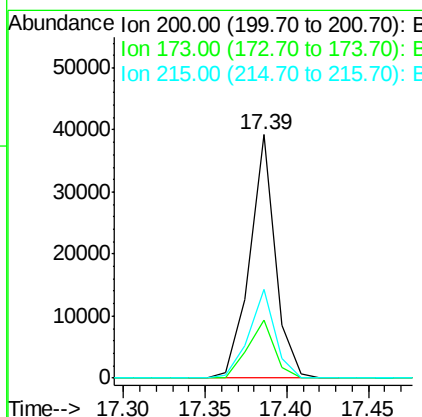
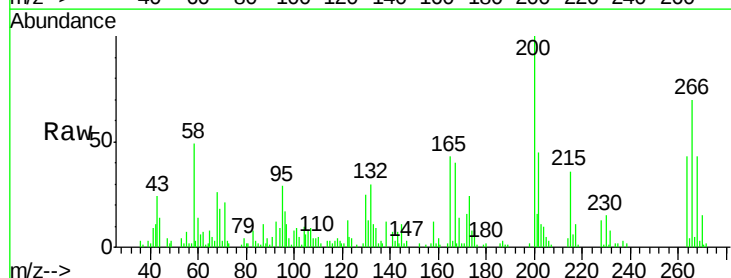
Instrument :
BNA_F
ClientSampleId :
PB81496BS

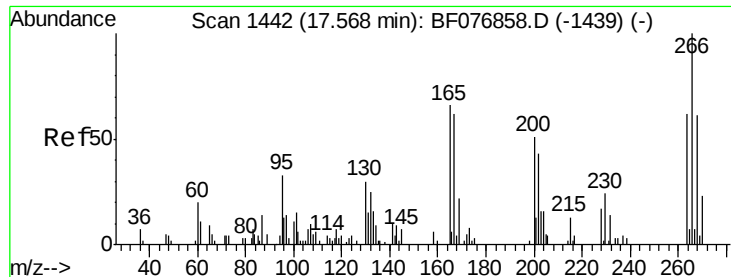
Tgt Ion: 284 Resp: 34195
Ion Ratio Lower Upper
284 100
142 46.9 38.2 57.4
249 37.5 28.2 42.2



#68
Atrazine
Concen: 29.21 ng
RT: 17.39 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 200 Resp: 42541
Ion Ratio Lower Upper
200 100
173 23.7 6.6 46.6
215 36.4 22.9 62.9

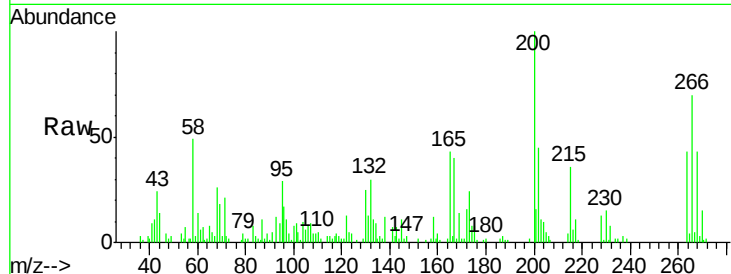




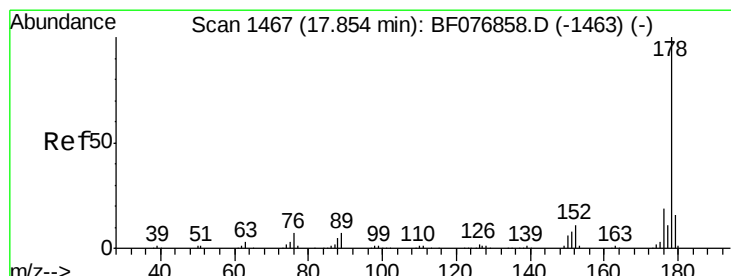
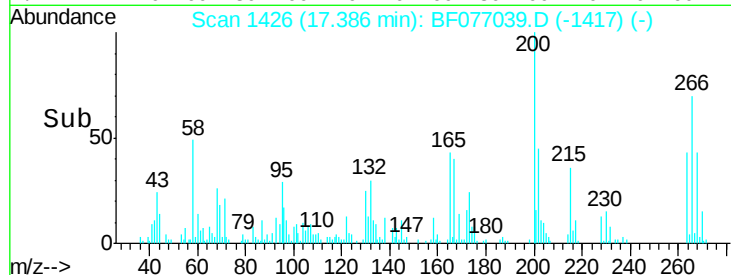
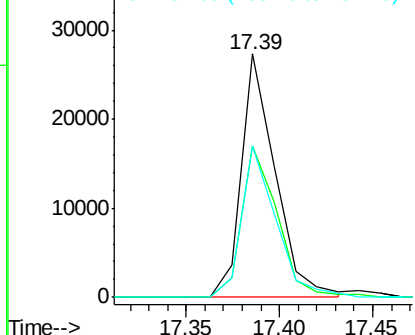
#69
 Pentachlorophenol
 Concen: 54.82 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

Tgt Ion: 266 Resp: 34561
 Ion Ratio Lower Upper
 266 100
 268 62.2 48.6 72.8
 264 62.3 49.5 74.3

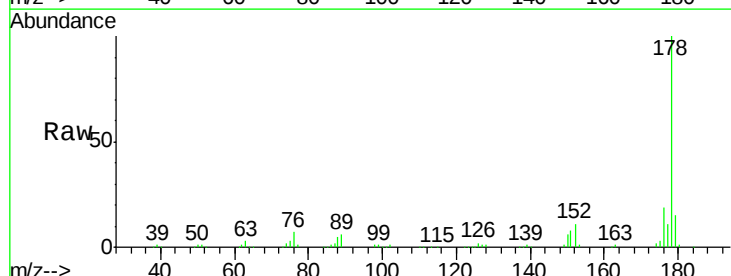


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

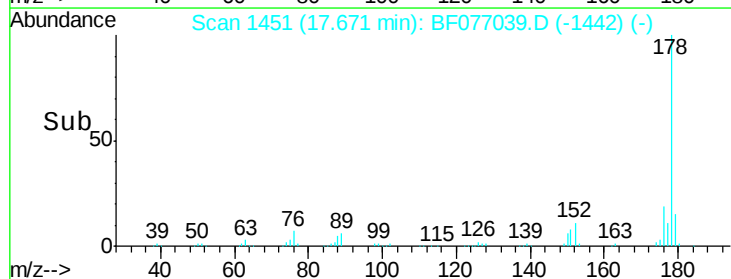
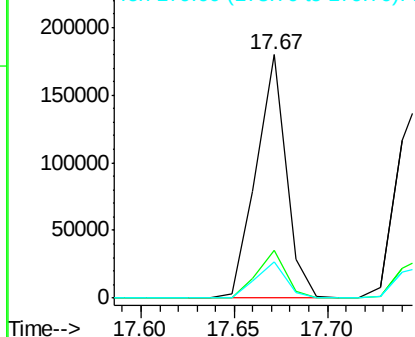


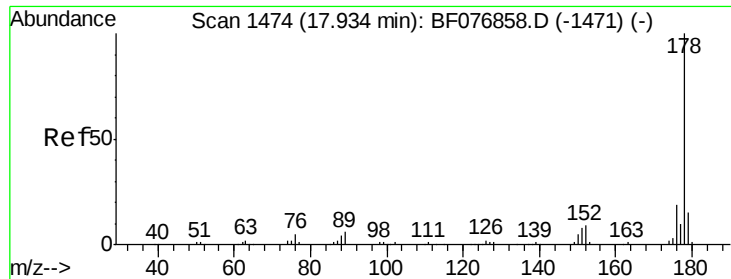
#70
 Phenanthrene
 Concen: 23.78 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 178 Resp: 199626
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 14.7 12.7 19.1



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

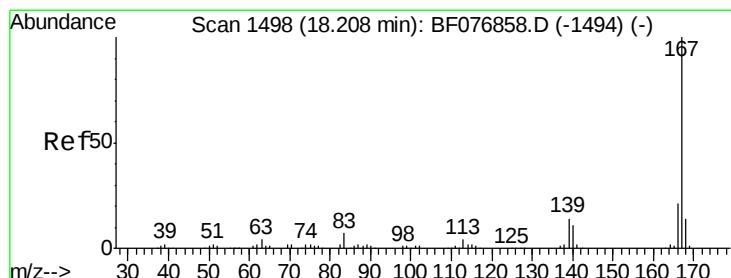
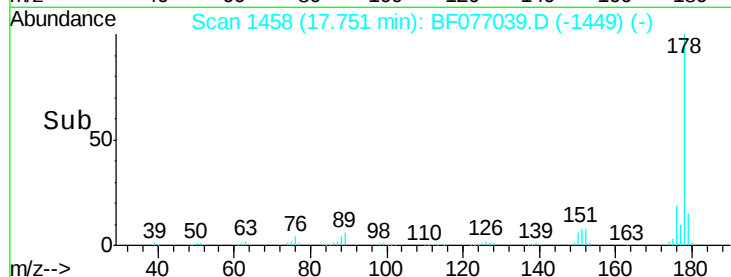
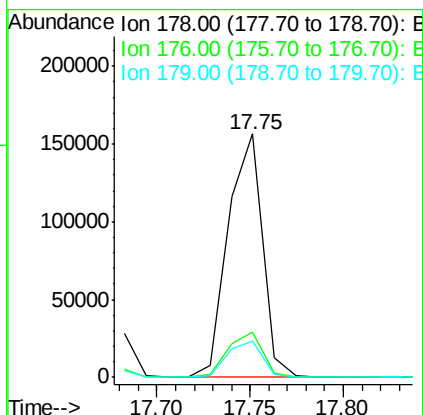
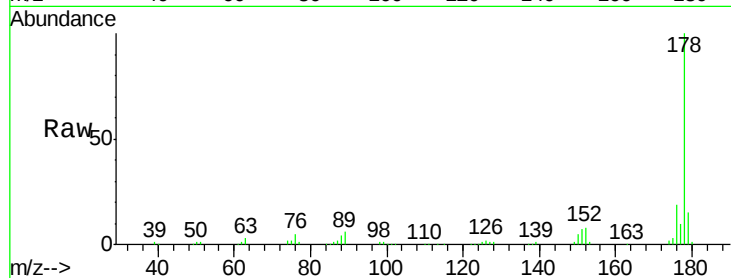




#71
 Anthracene
 Concen: 24.64 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

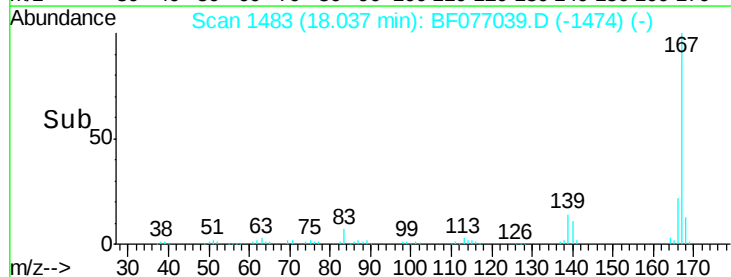
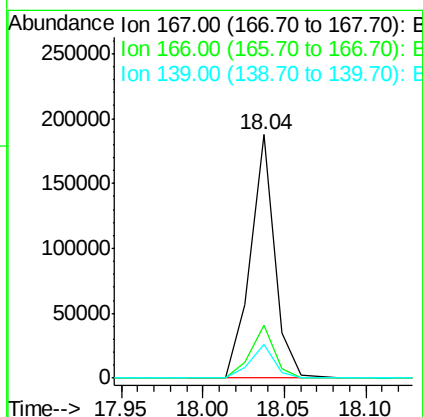
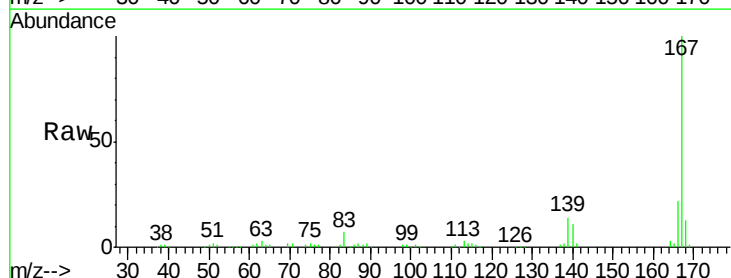
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

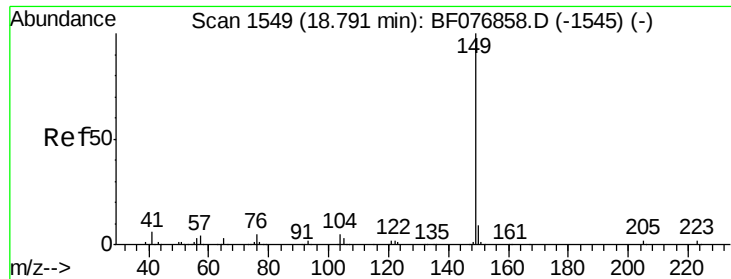
Tgt Ion:178 Resp: 201702
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.1 11.9 17.9



#72
 Carbazole
 Concen: 24.50 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:167 Resp: 194501
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.8 11.3 16.9

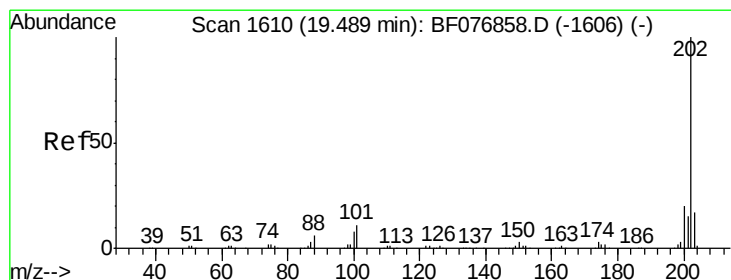
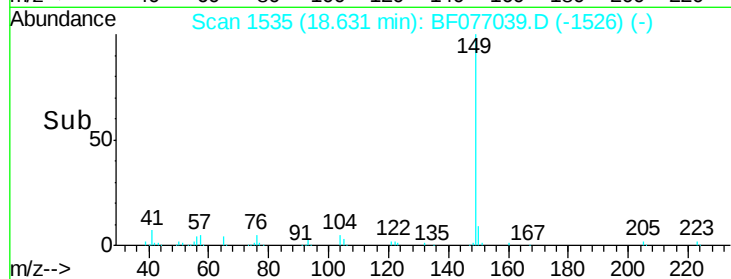
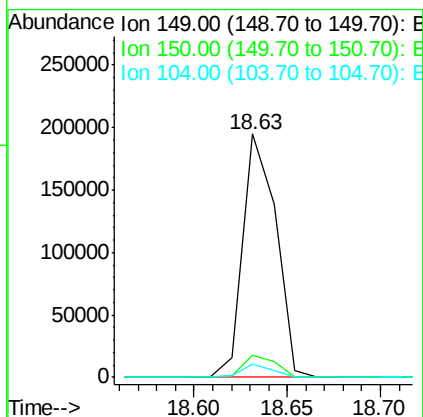
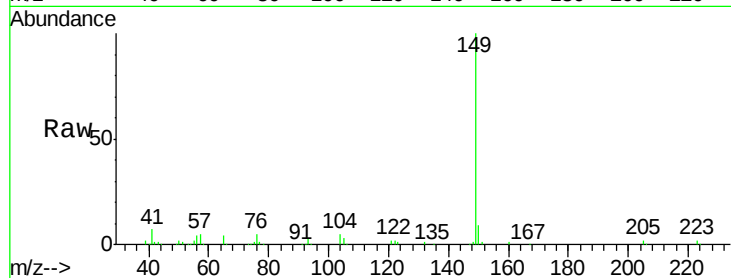




#73
Di-n-butylphthalate
Concen: 26.52 ng
RT: 18.63 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

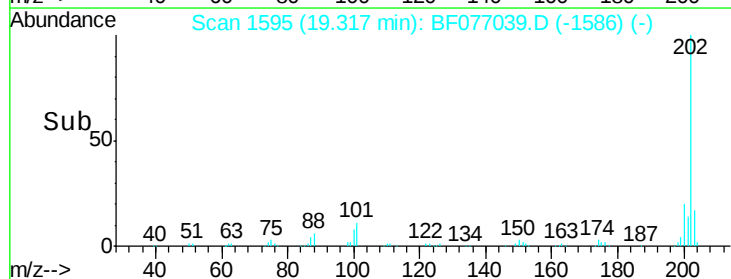
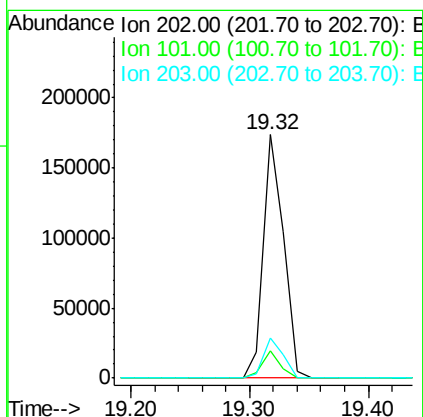
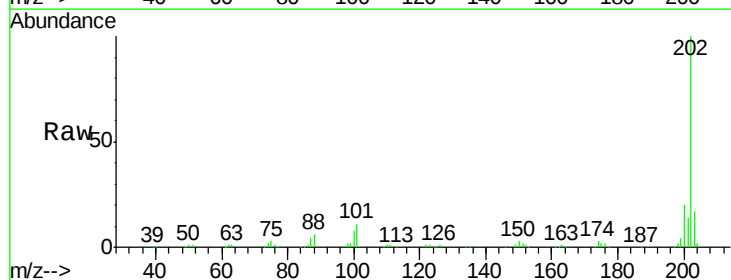
Instrument :
BNA_F
ClientSampleId :
PB81496BS

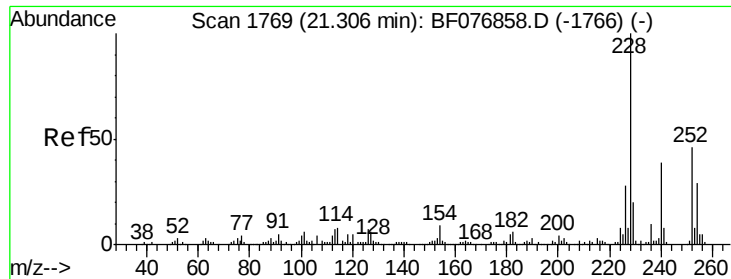
Tgt Ion:149 Resp: 243724
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 5.3 3.7 5.5



#74
Fluoranthene
Concen: 24.11 ng
RT: 19.32 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:202 Resp: 207380
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 16.5 0.0 36.9

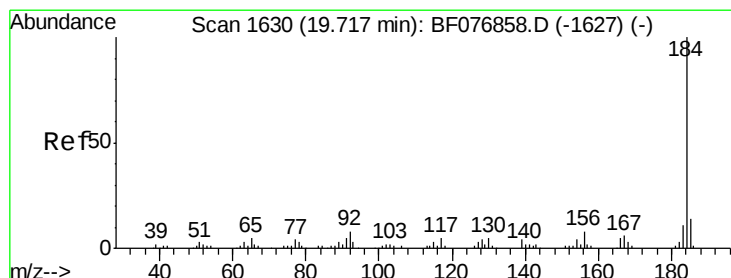
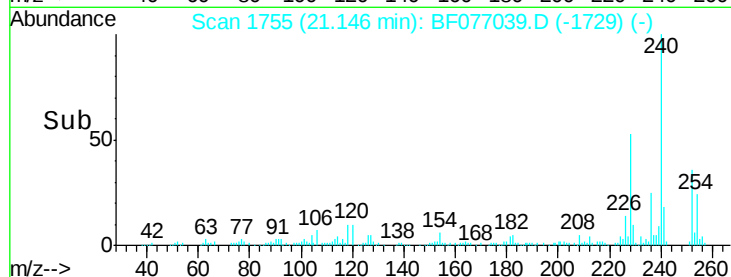
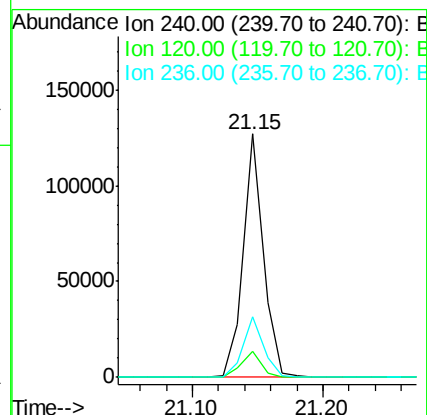
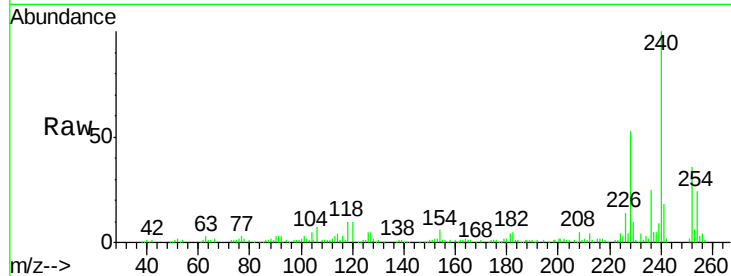




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

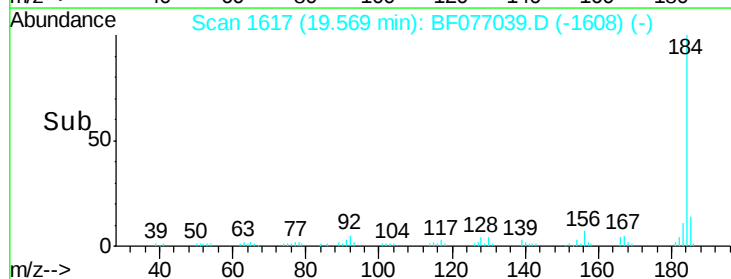
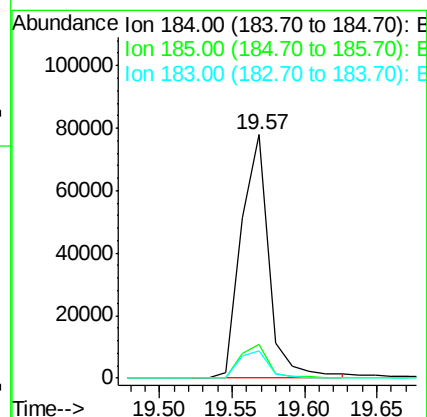
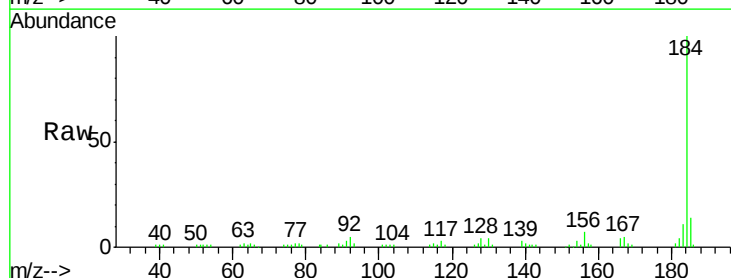
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

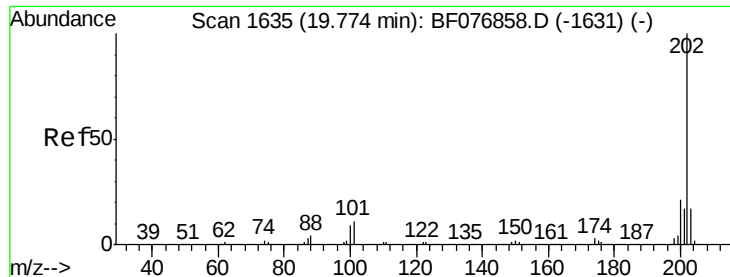
Tgt Ion:240 Resp: 135457
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.4 15.6
 236 24.8 20.2 30.2



#76
 Benzidine
 Concen: 23.91 ng
 RT: 19.57 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:184 Resp: 103659
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.4 17.2
 183 11.2 9.0 13.6

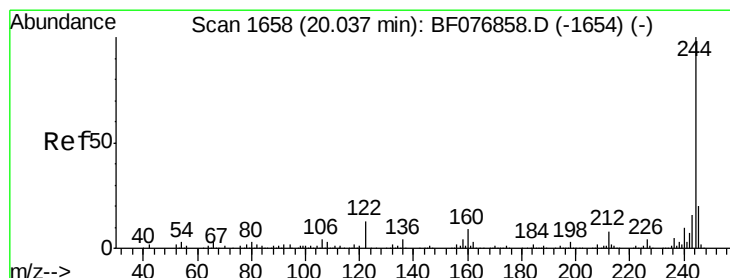
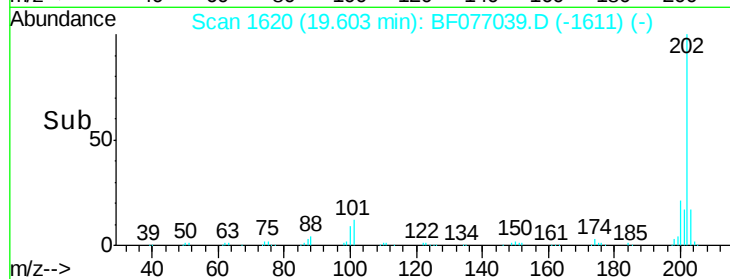
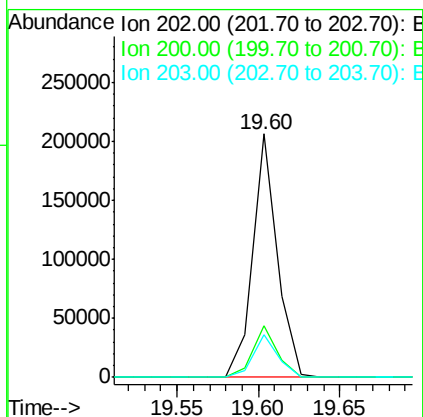
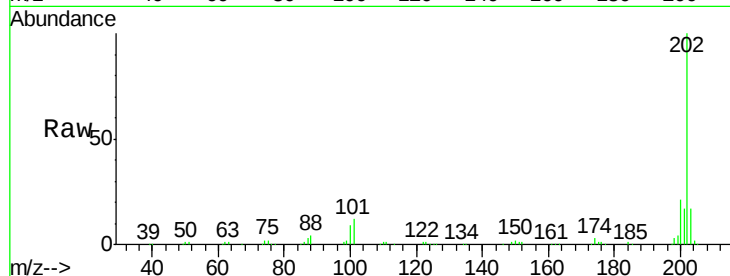




#77
 Pyrene
 Concen: 23.23 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

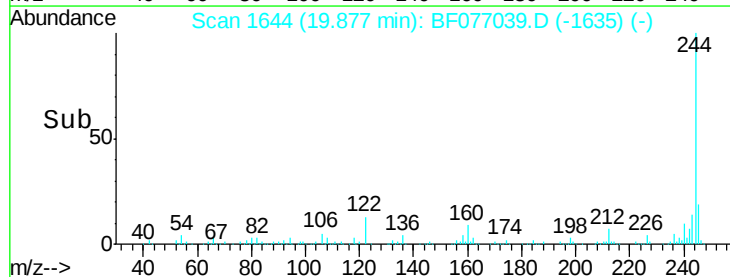
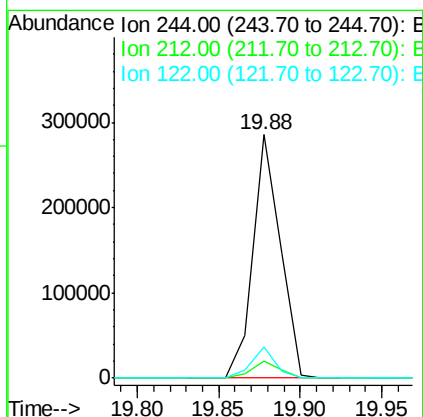
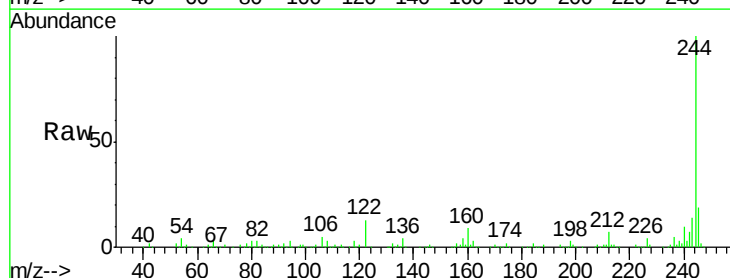
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

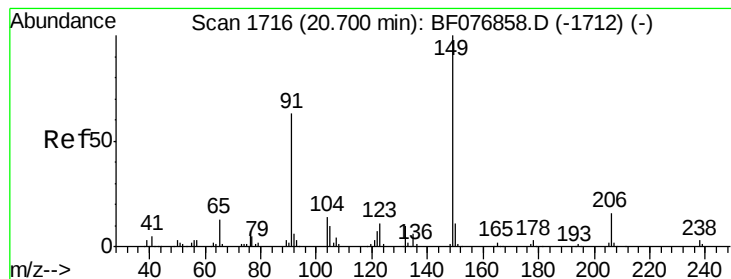
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	14.0	21.0



#78
 Terphenyl-d14
 Concen: 56.64 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	13.0	10.1	15.1





#79

Butylbenzylphthalate

Concen: 26.36 ng

RT: 20.54 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

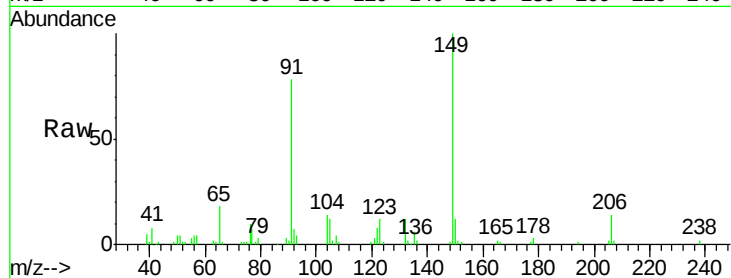
Tgt Ion:149 Resp: 110818

Ion Ratio Lower Upper

149 100

91 78.3 50.6 76.0#

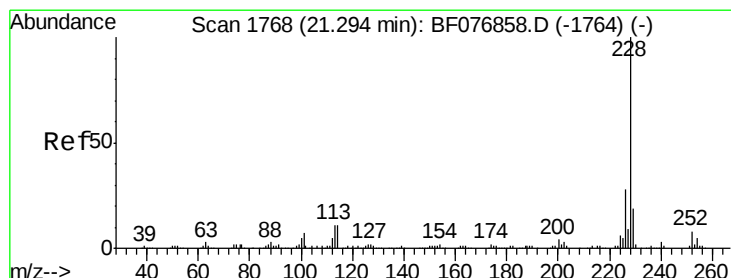
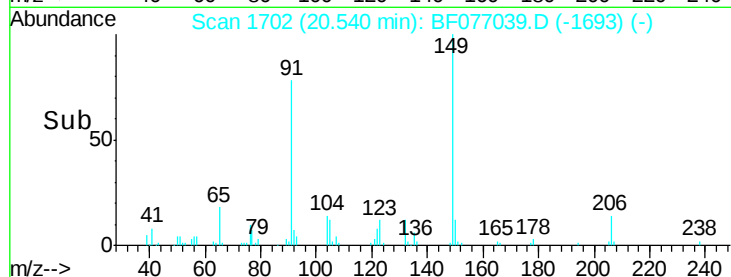
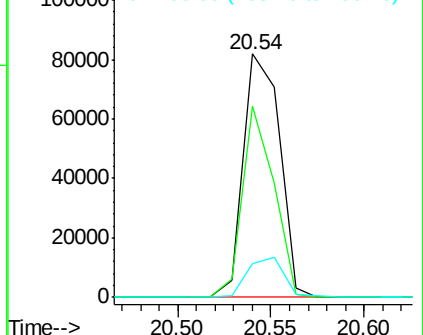
206 14.0 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.39 ng

RT: 21.13 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

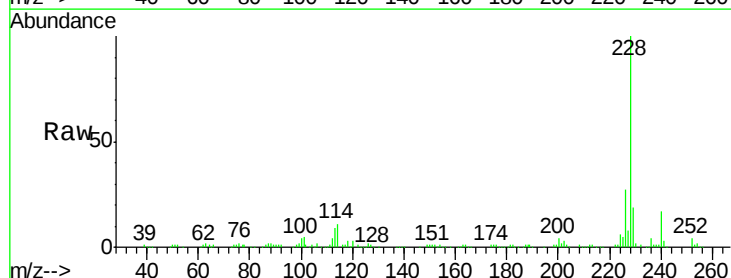
Tgt Ion:228 Resp: 198763

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

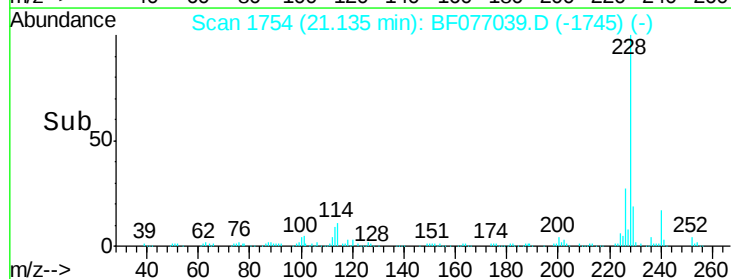
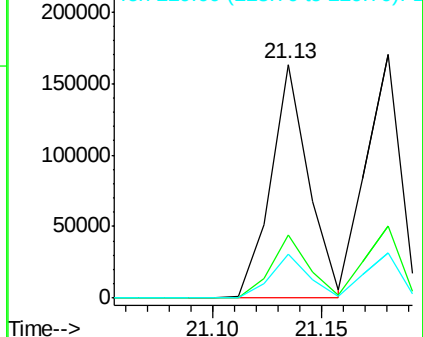
229 19.0 15.5 23.3

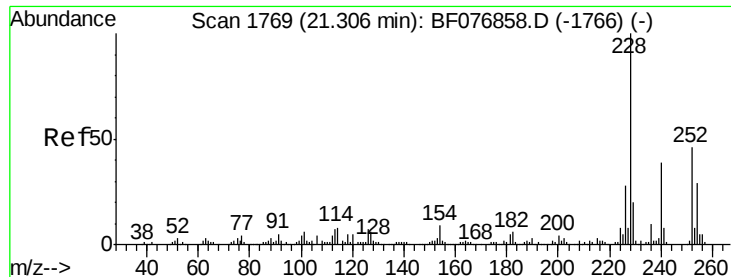


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

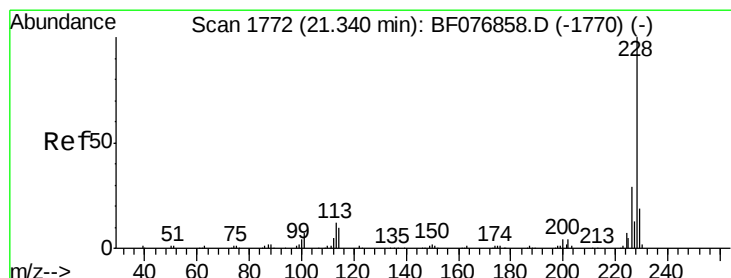
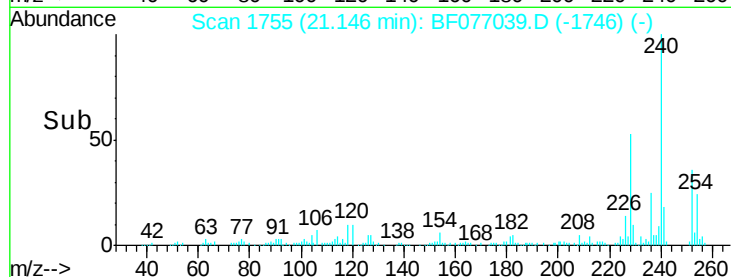
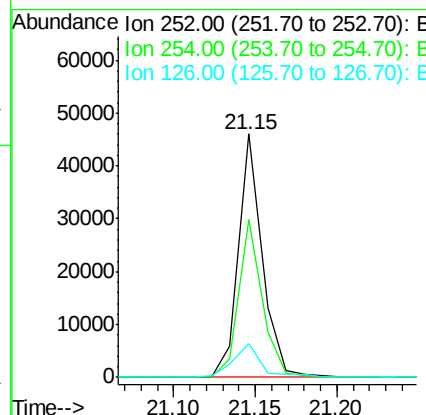
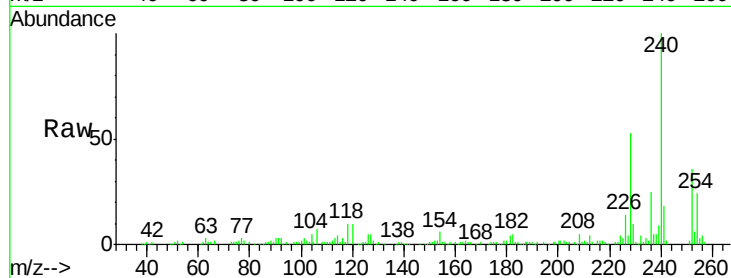




#81
 3,3'-Dichlorobenzidine
 Concen: 17.07 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

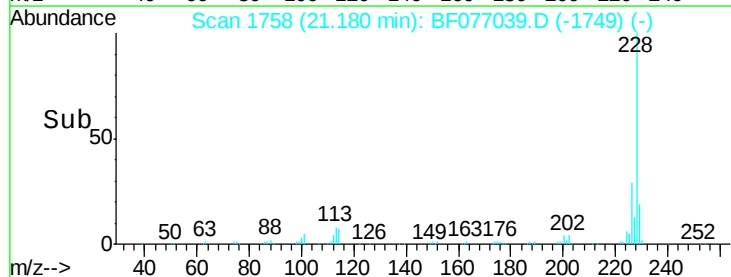
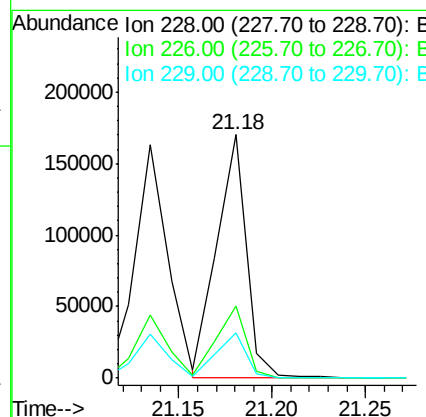
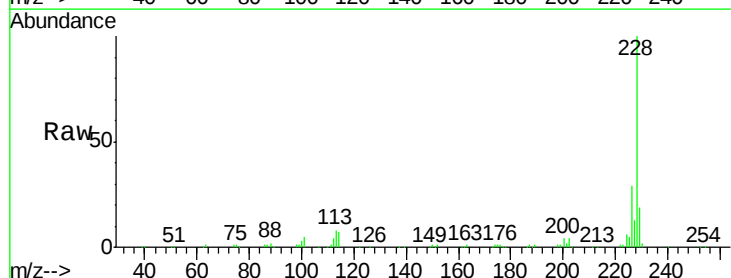
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

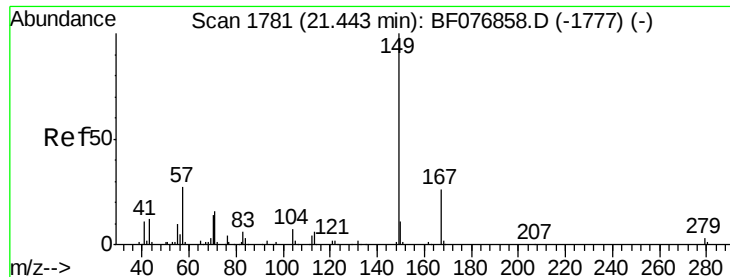
Tgt Ion: 252 Resp: 46099
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.2 75.4
 126 13.7 11.5 17.3



#82
 Chrysene
 Concen: 24.14 ng
 RT: 21.18 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 228 Resp: 187097
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 18.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.11 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

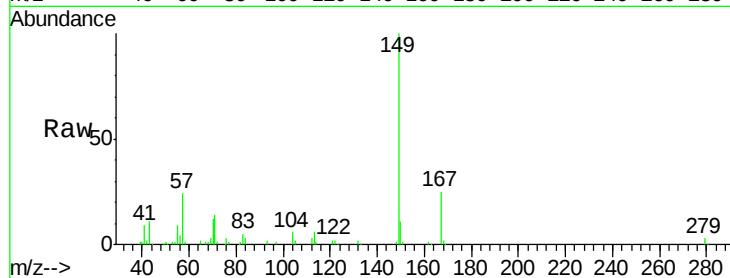
Tgt Ion:149 Resp: 157701

Ion Ratio Lower Upper

149 100

167 25.4 20.6 30.8

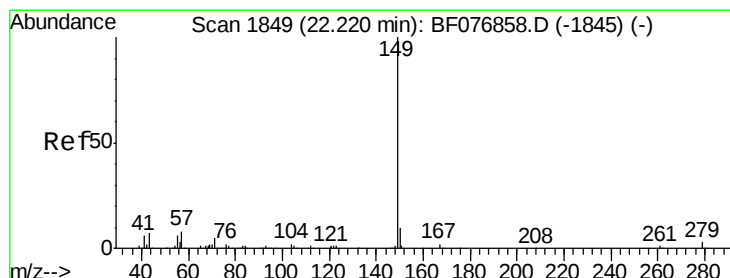
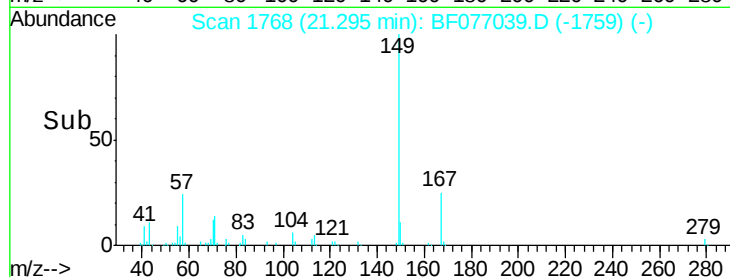
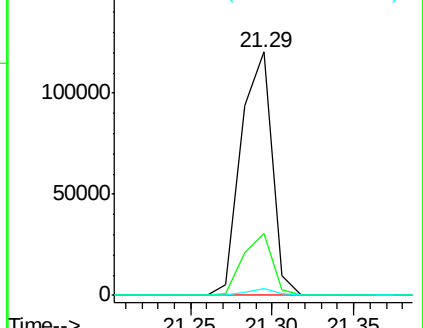
279 2.6 2.2 3.2



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: 26.79 ng

RT: 22.06 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

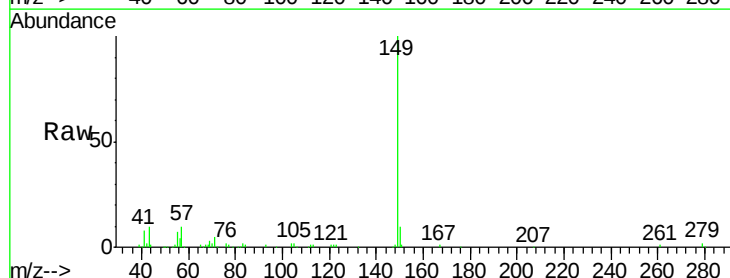
Tgt Ion:149 Resp: 270523

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

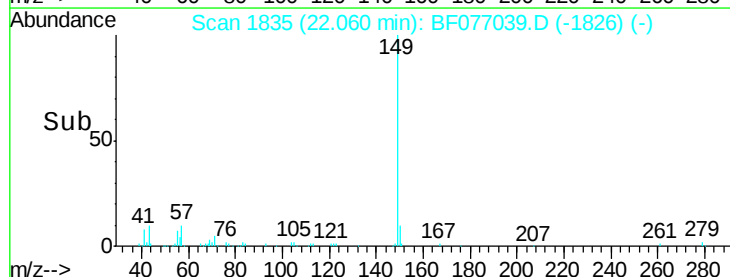
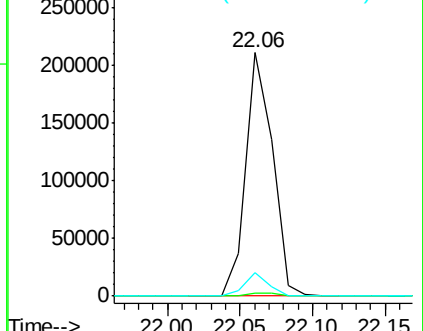
43 8.6 6.6 10.0

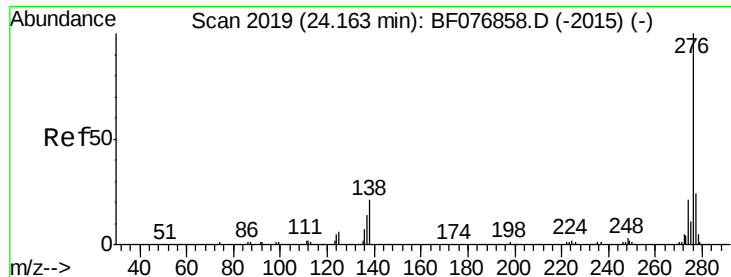


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

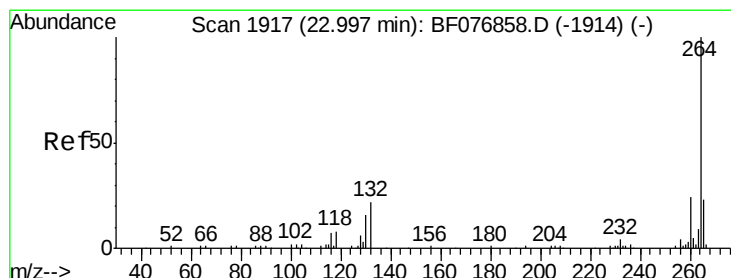
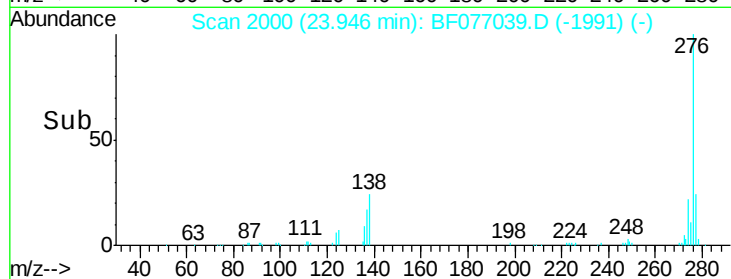
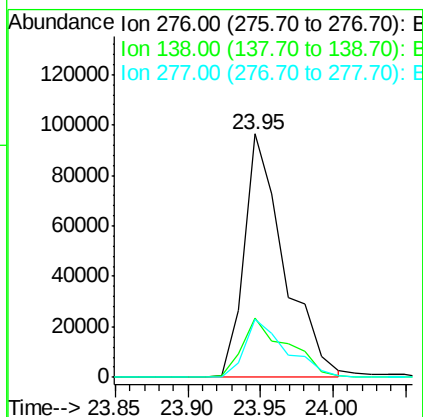
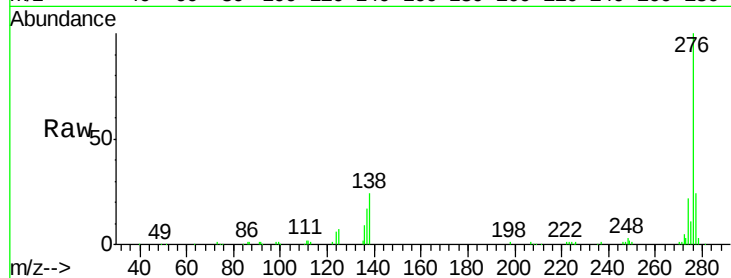




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.36 ng
 RT: 23.95 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

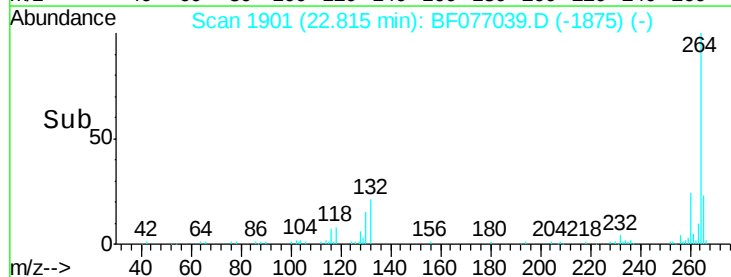
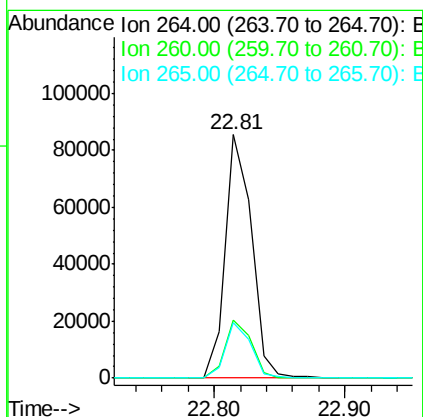
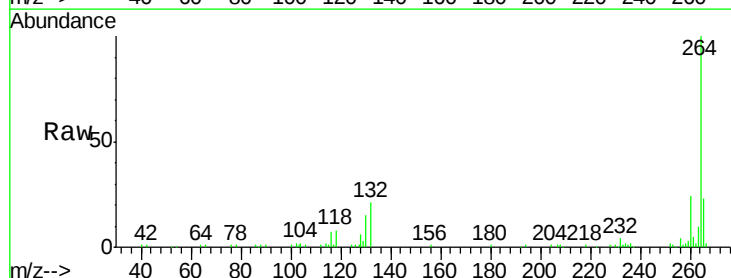
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BS

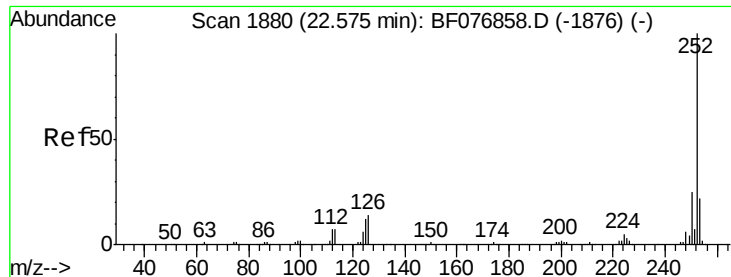
Tgt Ion: 276 Resp: 183642
 Ion Ratio Lower Upper
 276 100
 138 27.9 14.6 22.0#
 277 24.8 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.81 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion: 264 Resp: 119898
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.6 18.1 27.1





#87

Benzo(b)fluoranthene

Concen: 24.88 ng

RT: 22.39 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

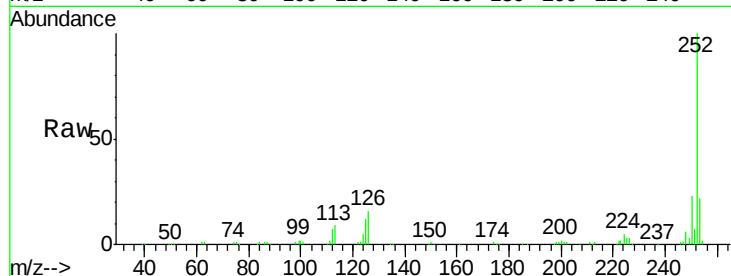
Tgt Ion:252 Resp: 200885

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

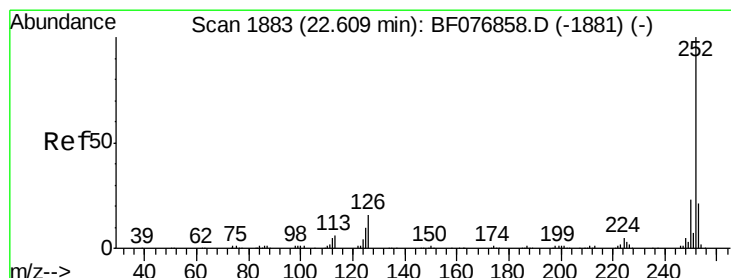
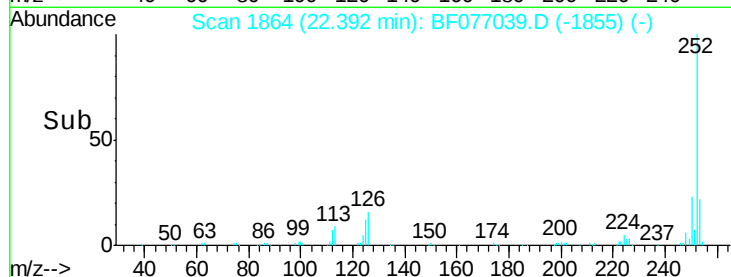
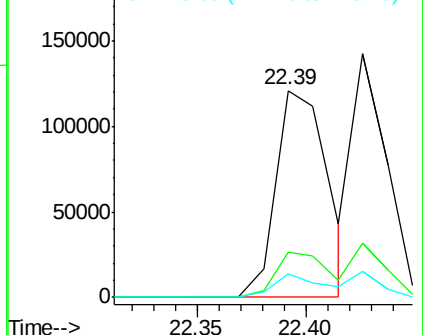
125 11.6 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.28 ng m

RT: 22.43 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

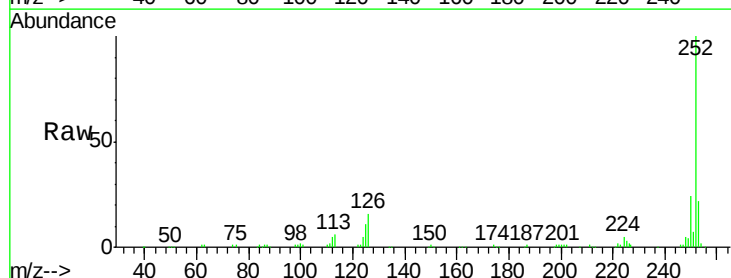
Tgt Ion:252 Resp: 157177

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

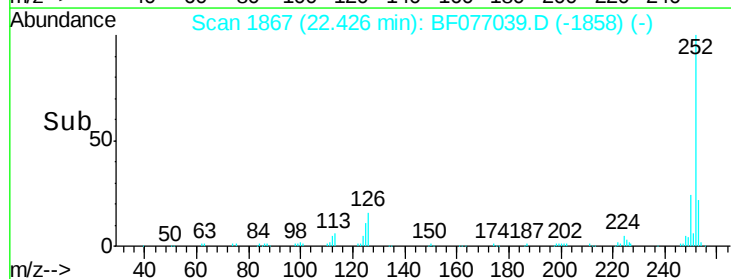
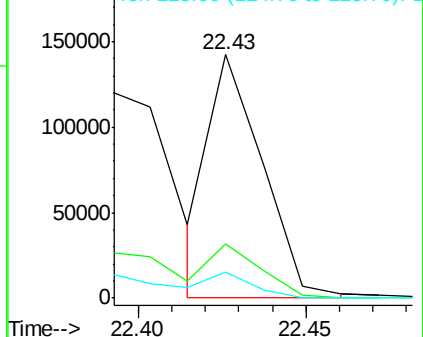
125 10.6 7.1 10.7

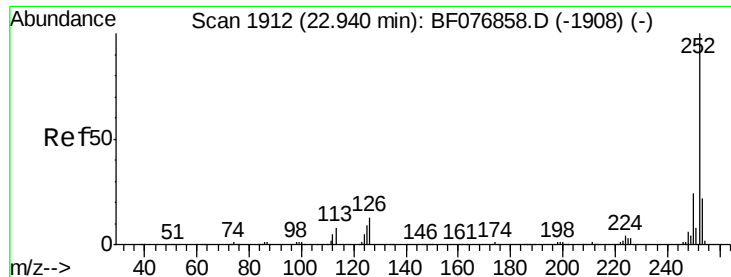


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.80 ng

RT: 22.76 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS

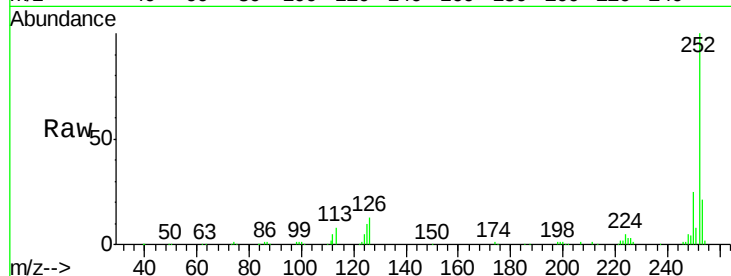
Tgt Ion:252 Resp: 176670

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

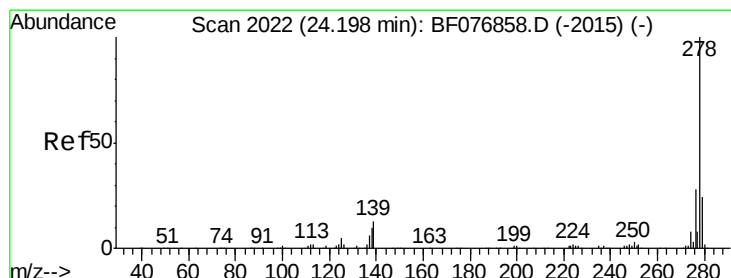
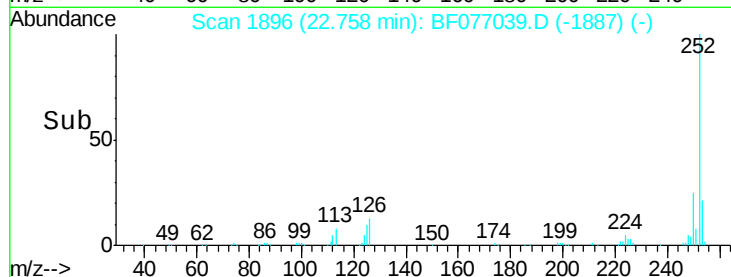
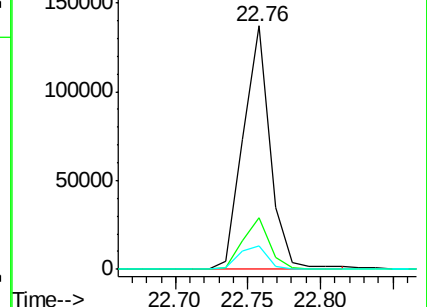
125 9.8 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.80 ng

RT: 23.98 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

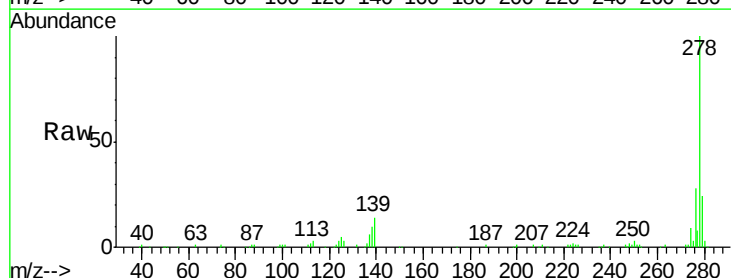
Tgt Ion:278 Resp: 155577

Ion Ratio Lower Upper

278 100

139 14.3 10.5 15.7

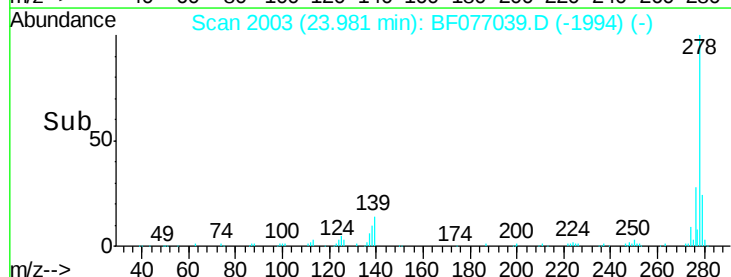
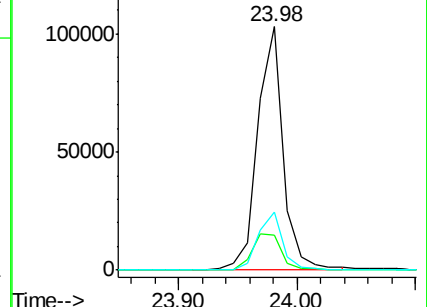
279 23.8 19.3 28.9

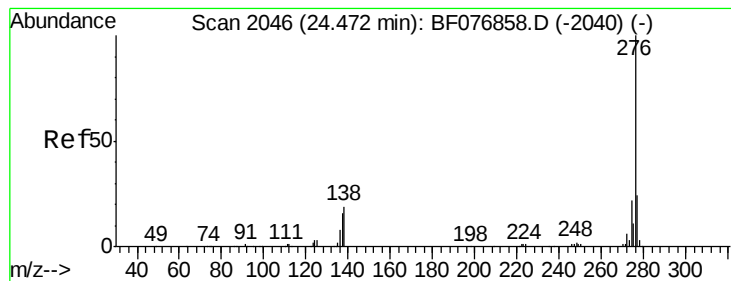


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 24.10 ng

RT: 24.23 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF077039.D

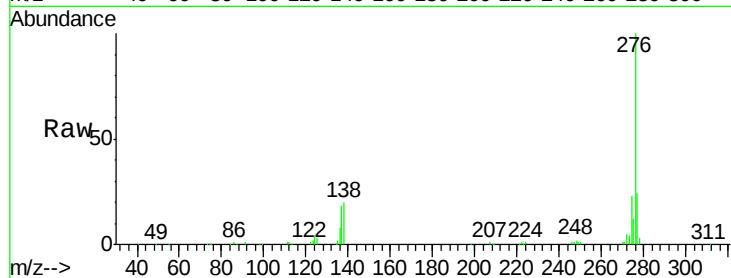
Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB81496BS



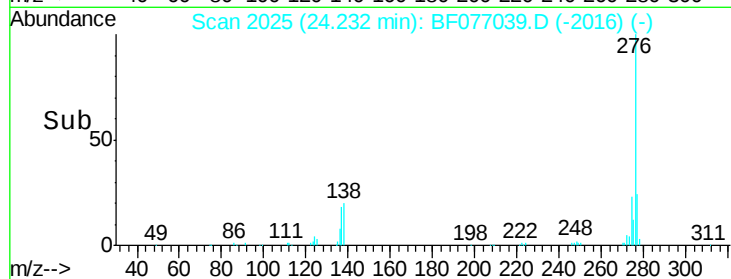
Tgt Ion: 276 Resp: 156595

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 19.9 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

