

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013015\
 Data File : BF077148.D
 Acq On : 30 Jan 2015 15:49
 Operator : TP/IZ
 Sample : PB81569BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Quant Time: Jan 31 01:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 31 01:17:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31332	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	132789	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	71875	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	125952	20.00	ng	0.00
75) Chrysene-d12	21.14	240	124796	20.00	ng	0.00
86) Perylene-d12	23.06	264	115284m	20.00	ng	0.33

System Monitoring Compounds

5) 2-Fluorophenol	4.70	112	145764	76.49	ng	0.00
7) Phenol-d6	7.09	99	184656	76.81	ng	0.00
23) Nitrobenzene-d5	8.99	82	116215	48.49	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	42538	72.91	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	230624	48.83	ng	0.00
78) Terphenyl-d14	19.83	244	244835	45.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.13	88	16913	20.73	ng	96
3) Pyridine	1.57	79	47129	22.32	ng	93
4) n-Nitrosodimethylamine	1.53	42	22243	21.27	ng	# 95
6) Aniline	6.97	93	37171	11.17	ng	96
8) 2-Chlorophenol	7.21	128	52604	23.94	ng	97
9) Benzaldehyde	6.70	77	5047	2.64	ng	91
10) Phenol	7.13	94	58902	23.07	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	48331	24.20	ng	# 77
12) 1,3-Dichlorobenzene	7.53	146	59227	23.70	ng	97
13) 1,4-Dichlorobenzene	7.72	146	60457	22.81	ng	93
14) 1,2-Dichlorobenzene	8.03	146	56634	23.19	ng	95
15) Benzyl Alcohol	8.13	79	44739	23.00	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	61876	23.05	ng	83
17) 2-Methylphenol	8.49	107	42951	23.92	ng	97
18) Hexachloroethane	8.78	117	20804	22.57	ng	# 89
19) n-Nitroso-di-n-propylamine	8.76	70	37967	22.56	ng	98
20) 3+4-Methylphenols	8.88	107	48805	20.53	ng	96
22) Acetophenone	8.68	105	76760	23.60	ng	98
24) Nitrobenzene	9.04	77	56378	23.09	ng	99
25) Isophorone	9.63	82	98265	22.51	ng	97
26) 2-Nitrophenol	9.78	139	26707	22.34	ng	# 91
27) 2,4-Dimethylphenol	10.06	122	46070	24.40	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	59332	23.91	ng	# 97
29) 2,4-Dichlorophenol	10.38	162	42106m	23.93	ng	
30) 1,2,4-Trichlorobenzene	10.51	180	45230	23.14	ng	96
31) Naphthalene	10.64	128	153971	22.52	ng	98
32) Benzoic acid	10.43	122	11210	10.72	ng	88
33) 4-Chloroaniline	10.90	127	40839m	14.78	ng	
34) Hexachlorobutadiene	11.01	225	25825	22.27	ng	95
35) Caprolactam	11.73	113	11292	21.80	ng	# 72
36) 4-Chloro-3-methylphenol	12.20	107	44394	22.03	ng	95
37) 2-Methylnaphthalene	12.29	142	111587	23.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.71	216	42541	23.94	ng	97
40) Hexachlorocyclopentadiene	12.68	237	38771	42.79	ng	96

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 QLast Update : Sat Jan 31 01:17:23 2015
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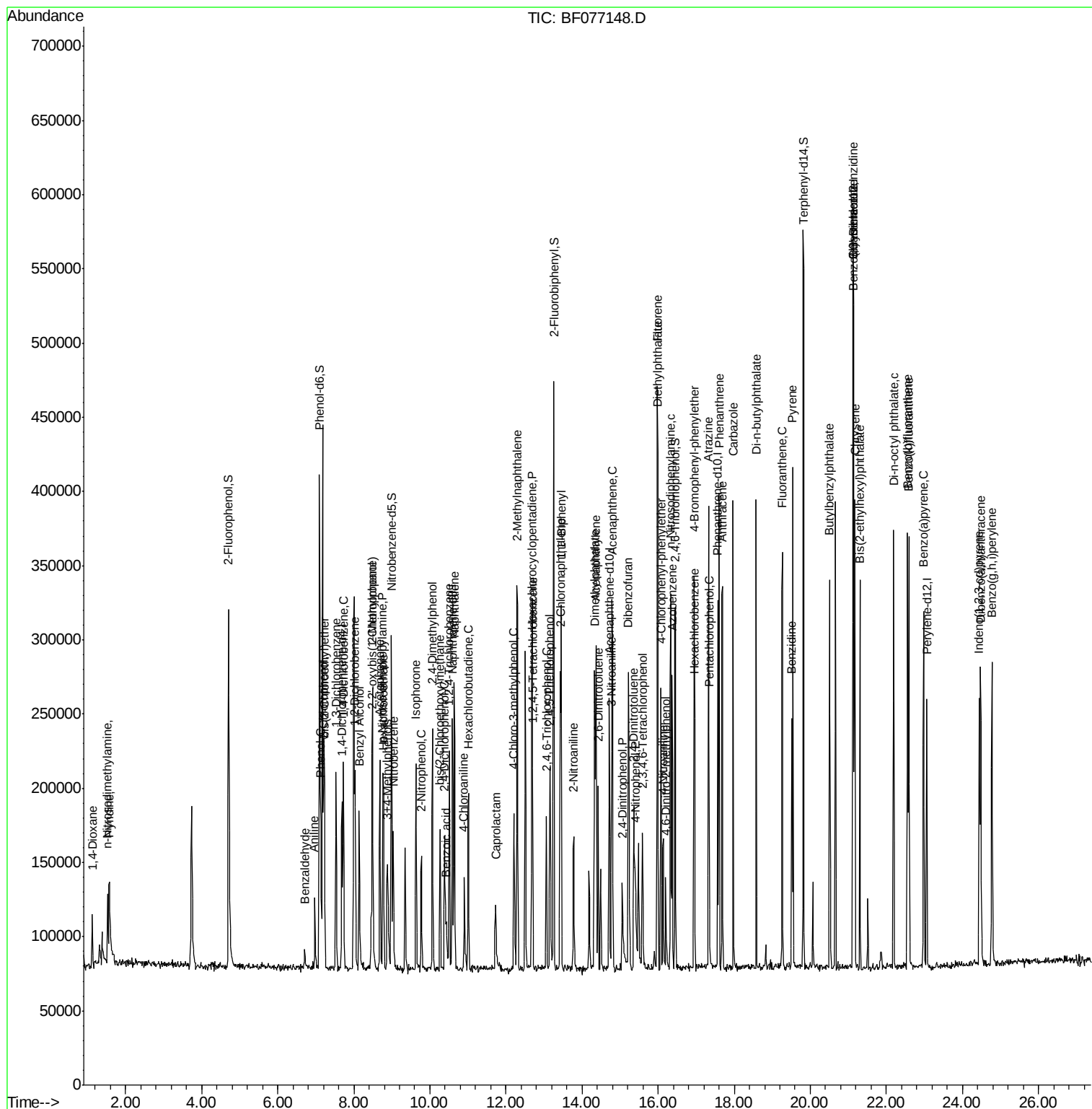
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	27904	21.55	ng	95
43) 2,4,5-Trichlorophenol	13.15	196	28203m	21.36	ng	
45) 1,1'-Biphenyl	13.45	154	128313	24.08	ng	99
46) 2-Chloronaphthalene	13.43	162	102571	23.39	ng	96
47) 2-Nitroaniline	13.78	65	32797	24.66	ng	91
48) Acenaphthylene	14.36	152	167098	22.59	ng	99
49) Dimethylphthalate	14.33	163	120451	23.63	ng	98
50) 2,6-Dinitrotoluene	14.42	165	23567	23.14	ng	# 83
51) Acenaphthene	14.79	154	93769	22.35	ng	99
52) 3-Nitroaniline	14.77	138	22249	17.91	ng	91
53) 2,4-Dinitrophenol	15.06	184	15766	39.90	ng	# 90
54) Dibenzofuran	15.22	168	140274	22.95	ng	99
55) 4-Nitrophenol	15.39	139	26597	33.29	ng	92
56) 2,4-Dinitrotoluene	15.36	165	33504	23.09	ng	94
57) Fluorene	15.97	166	120545	23.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	19150	19.92	ng	# 85
59) Diethylphthalate	15.99	149	125449	24.35	ng	99
60) 4-Chlorophenyl-phenylether	16.08	204	49702	23.46	ng	92
61) 4-Nitroaniline	16.13	138	24181	19.70	ng	93
62) Azobenzene	16.36	77	125674	23.41	ng	97
64) 4,6-Dinitro-2-methylphenol	16.21	198	15072	20.64	ng	97
65) n-Nitrosodiphenylamine	16.33	169	100804	22.45	ng	96
66) 4-Bromophenyl-phenylether	16.95	248	29148	22.84	ng	89
67) Hexachlorobenzene	16.96	284	31085	23.12	ng	# 91
68) Atrazine	17.32	200	32340	23.73	ng	98
69) Pentachlorophenol	17.33	266	21827	39.24	ng	99
70) Phenanthrene	17.61	178	171567	21.84	ng	98
71) Anthracene	17.69	178	173351	22.63	ng	98
72) Carbazole	17.97	167	163377	21.99	ng	99
73) Di-n-butylphthalate	18.58	149	196027	22.80	ng	98
74) Fluoranthene	19.27	202	180565	22.43	ng	96
76) Benzidine	19.51	184	82996	20.78	ng	97
77) Pyrene	19.54	202	189598	22.17	ng	99
79) Butylbenzylphthalate	20.50	149	87409	22.57	ng	# 84
80) Benzo(a)anthracene	21.13	228	177862	22.72	ng	99
81) 3,3'-Dichlorobenzidine	21.14	252	37311	14.99	ng	# 96
82) Chrysene	21.17	228	160399	22.46	ng	97
83) Bis(2-ethylhexyl)phthalate	21.31	149	124761	23.28	ng	99
84) Di-n-octyl phthalate	22.19	149	219400m	23.59	ng	
85) Indeno(1,2,3-cd)pyrene	24.44	276	174877m	23.11	ng	
87) Benzo(b)fluoranthene	22.56	252	185682m	23.91	ng	
88) Benzo(k)fluoranthene	22.59	252	131712m	19.42	ng	
89) Benzo(a)pyrene	22.98	252	156306m	22.82	ng	
90) Dibenzo(a,h)anthracene	24.48	278	141951m	22.59	ng	
91) Benzo(g,h,i)perylene	24.77	276	144020m	23.05	ng	

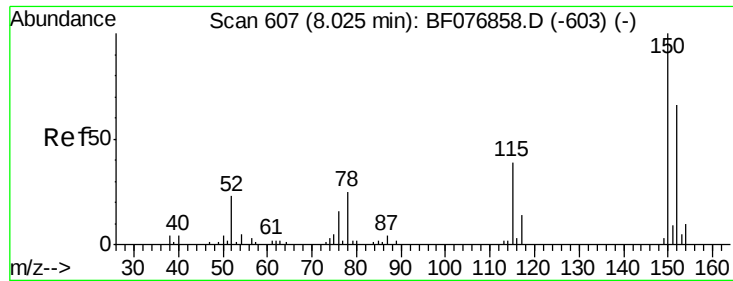
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

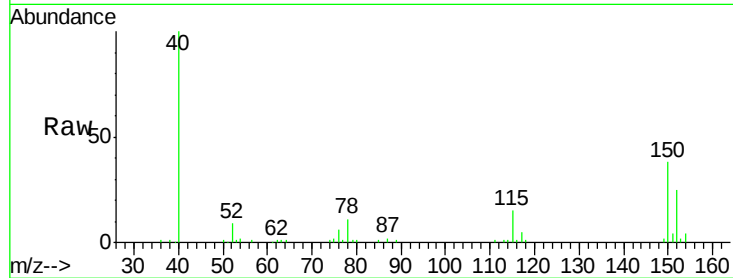
Tgt Ion:152 Resp: 31332

Ion Ratio Lower Upper

152 100

150 151.5 121.7 182.5

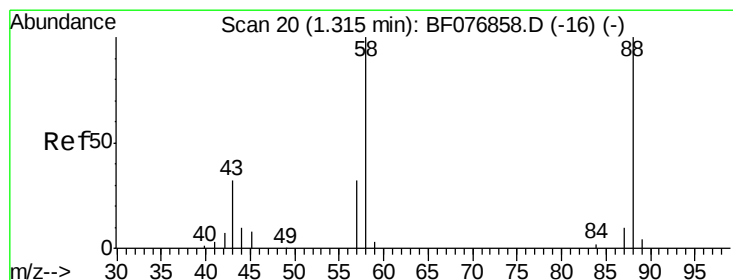
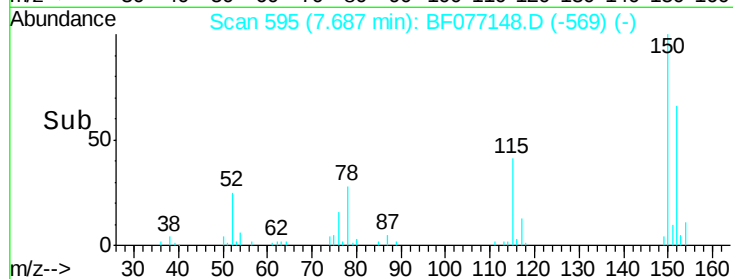
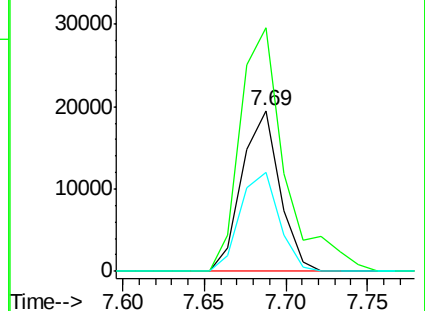
115 61.8 47.0 70.6



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: 20.73 ng

RT: 1.13 min Scan# 21

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

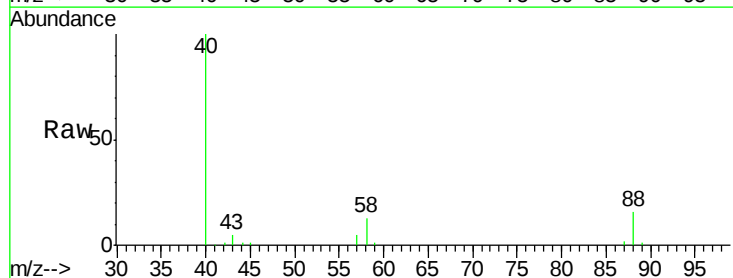
Tgt Ion: 88 Resp: 16913

Ion Ratio Lower Upper

88 100

58 92.6 77.0 115.4

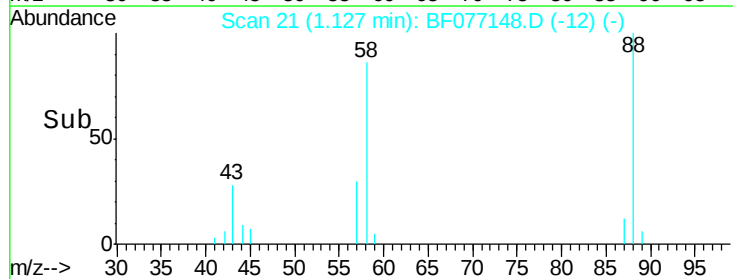
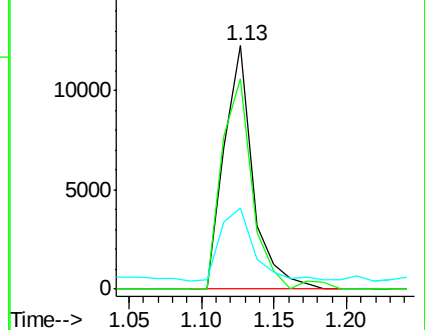
43 34.9 25.6 38.4

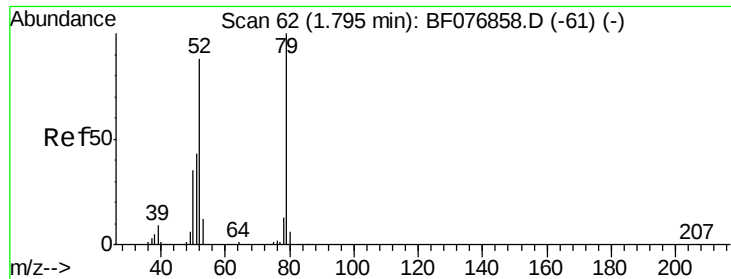


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.32 ng

RT: 1.57 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF077148.D

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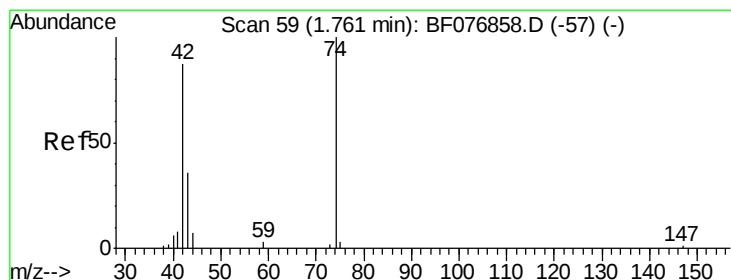
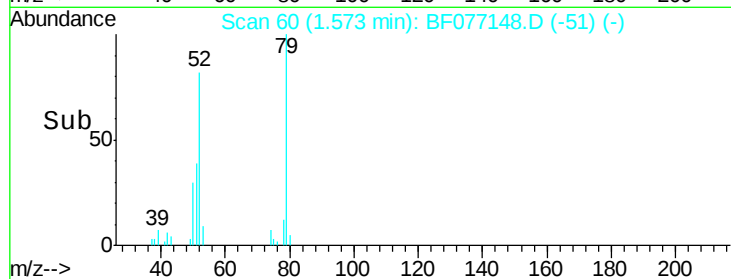
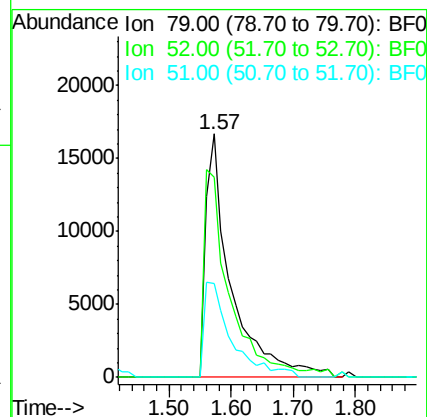
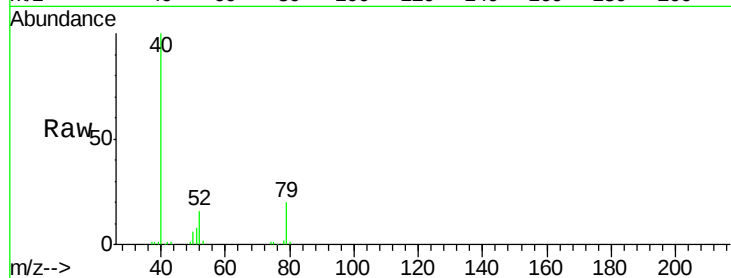
Tgt Ion: 79 Resp: 47129

Ion Ratio Lower Upper

79 100

52 82.3 70.1 105.1

51 38.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 21.27 ng

RT: 1.53 min Scan# 56

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

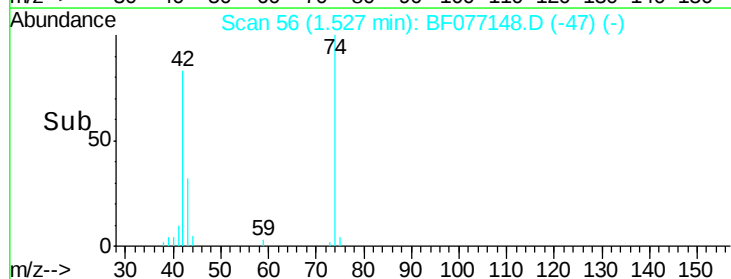
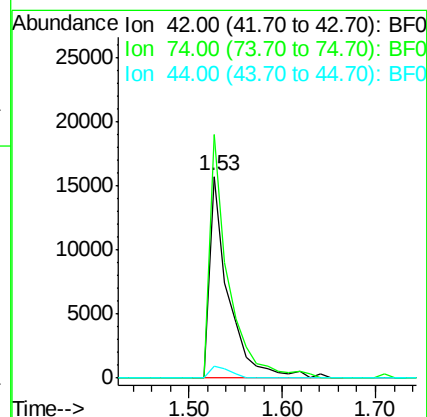
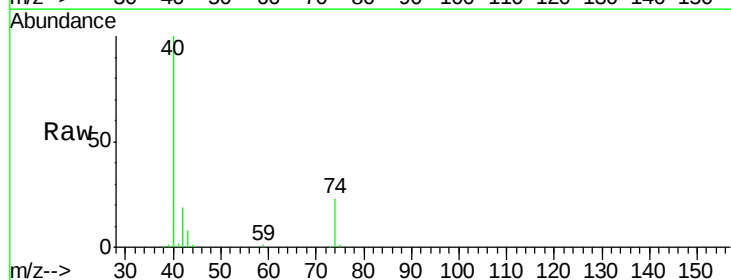
Tgt Ion: 42 Resp: 22243

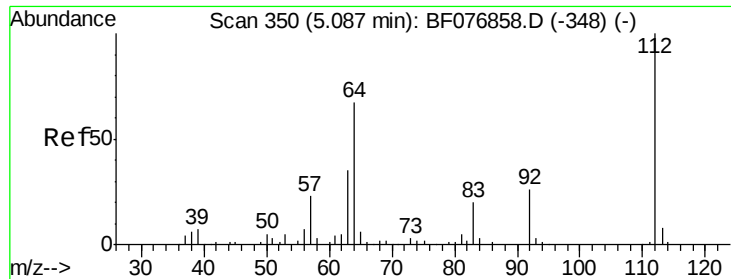
Ion Ratio Lower Upper

42 100

74 120.7 92.4 138.6

44 5.7 6.2 9.2#





#5

2-Fluorophenol

Concen: 76.49 ng

RT: 4.70 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

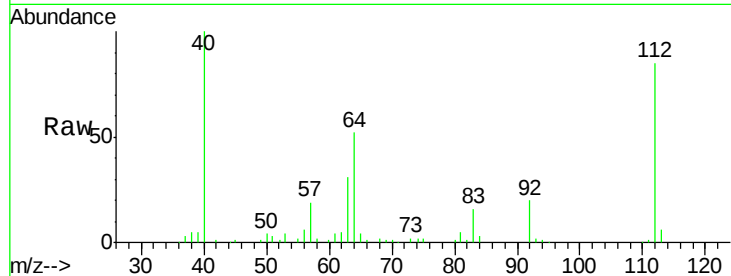
Instrument :

BNA_F

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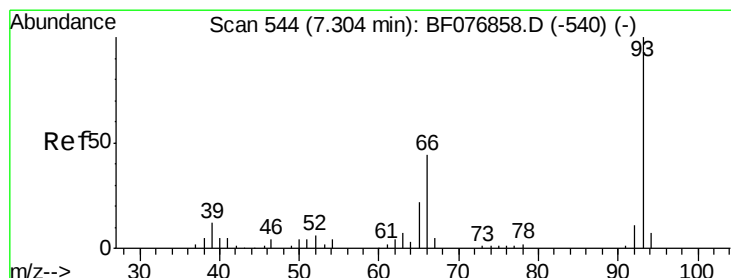
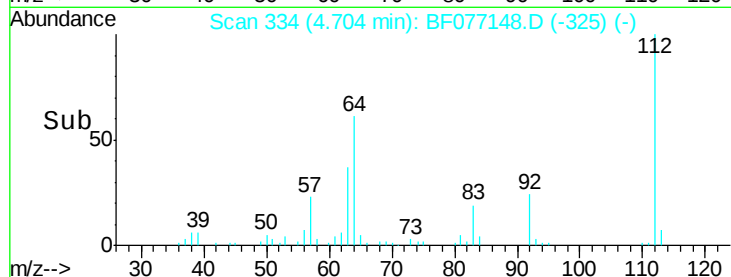
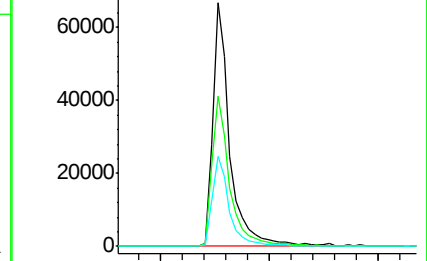
Tgt Ion:	112	Resp:	145764
Ion	Ratio	Lower	Upper
112	100		
64	61.5	54.2	81.4
63	36.8	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.17 ng

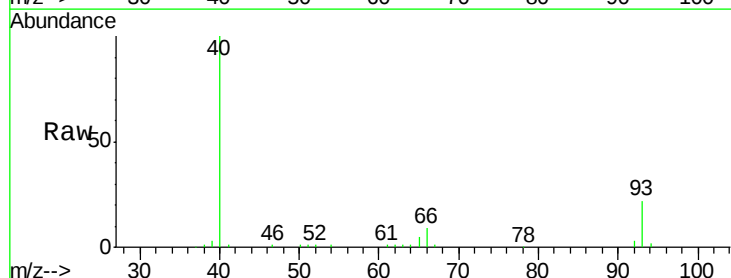
RT: 6.97 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

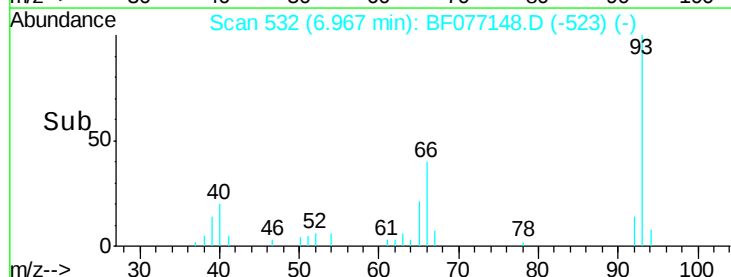
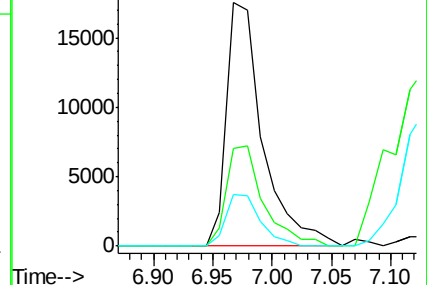
Tgt Ion:	93	Resp:	37171
Ion	Ratio	Lower	Upper
93	100		
66	40.1	35.0	52.4
65	21.0	17.7	26.5

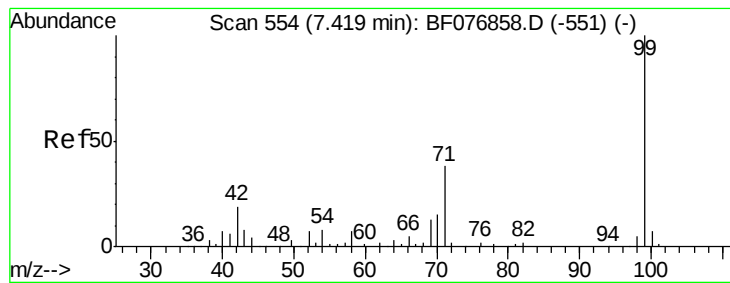


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.81 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

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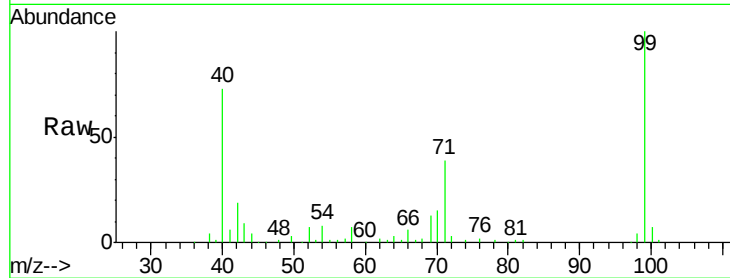
Tgt Ion: 99 Resp: 184656

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

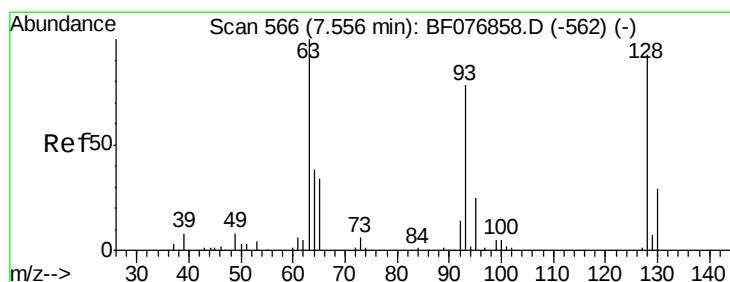
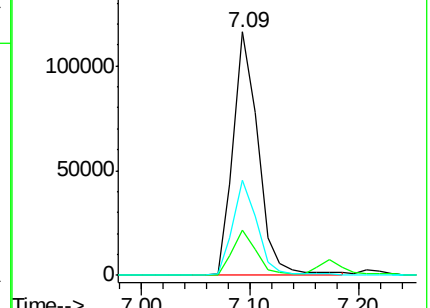
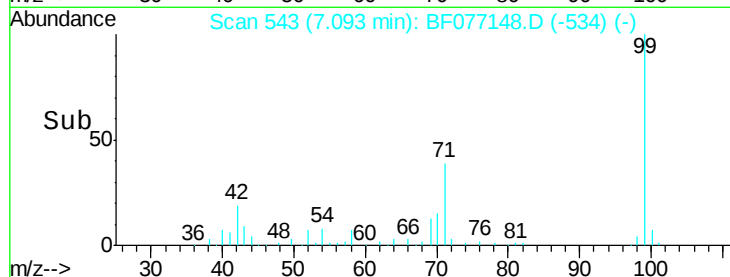
71 39.1 30.5 45.7



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: 23.94 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

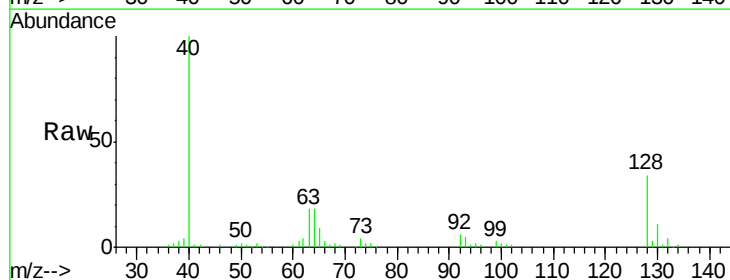
Tgt Ion: 128 Resp: 52604

Ion Ratio Lower Upper

128 100

130 31.4 11.0 51.0

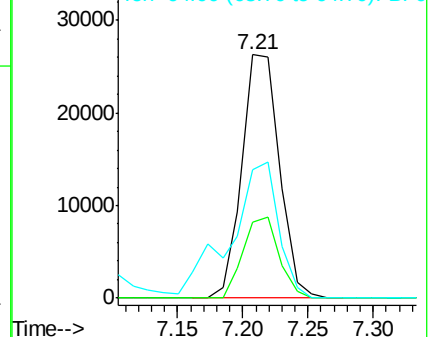
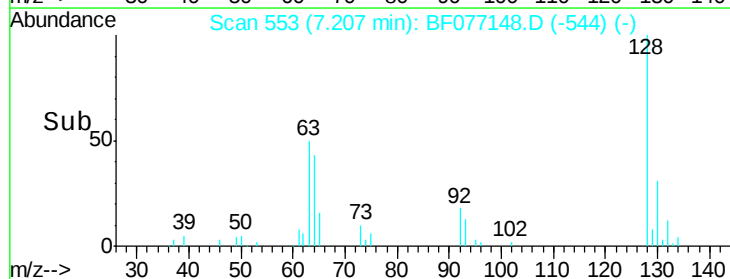
64 52.9 29.3 69.3

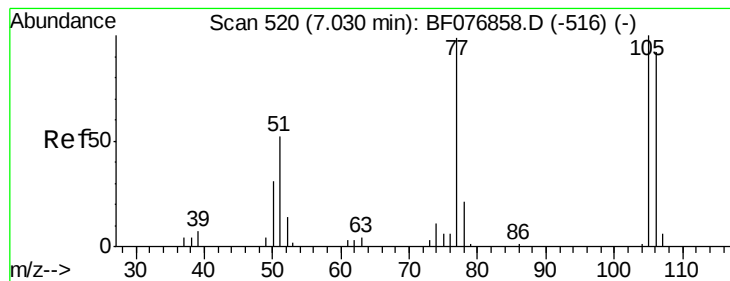


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

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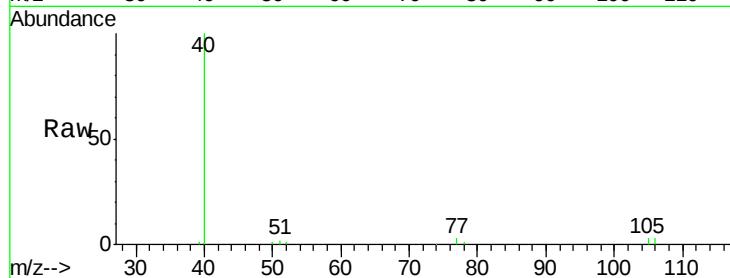
Tgt Ion: 77 Resp: 5047

Ion Ratio Lower Upper

77 100

105 103.9 81.4 121.4

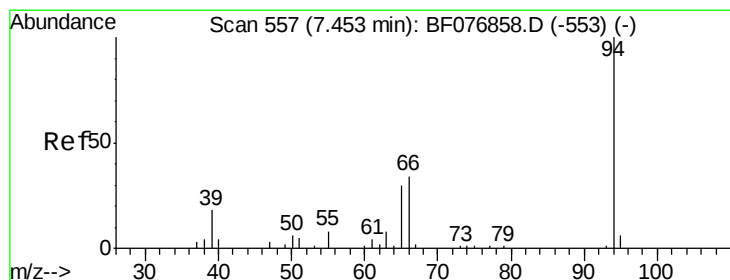
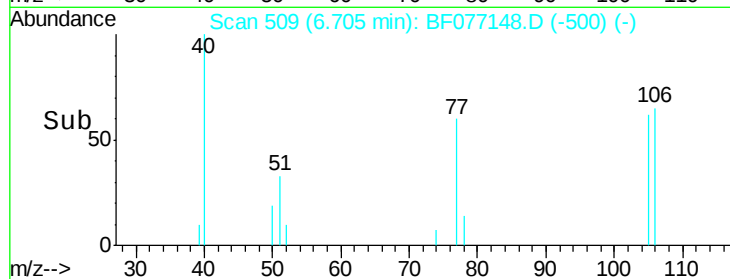
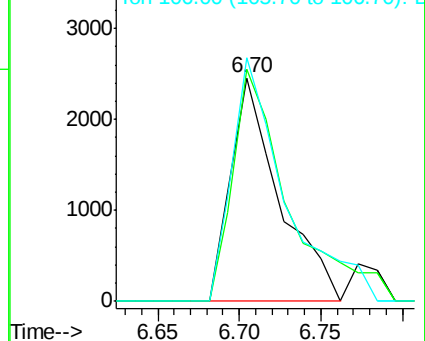
106 108.9 72.8 112.8



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: 23.07 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

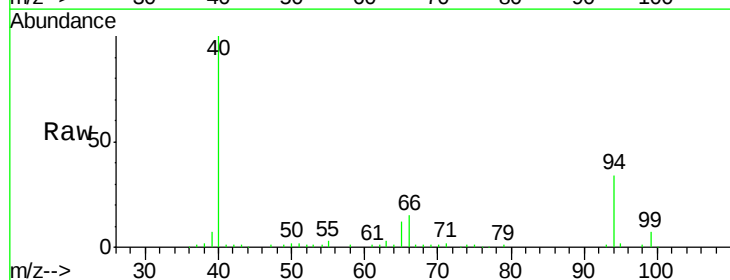
Tgt Ion: 94 Resp: 58902

Ion Ratio Lower Upper

94 100

65 34.2 11.3 51.3

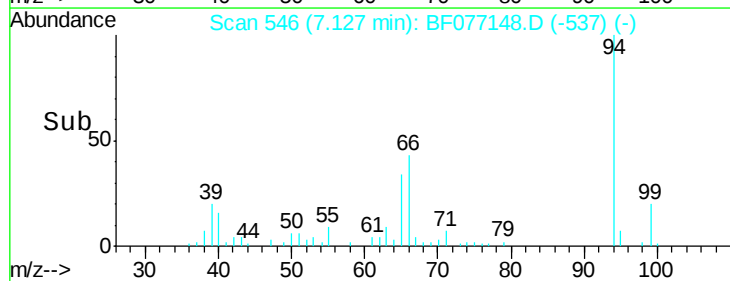
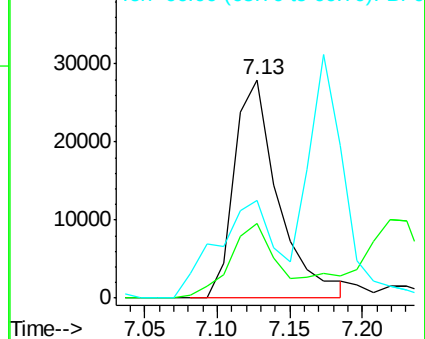
66 44.9 19.5 59.5

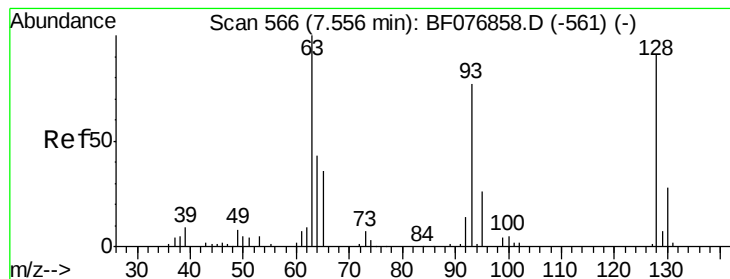


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 24.20 ng

RT: 7.23 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

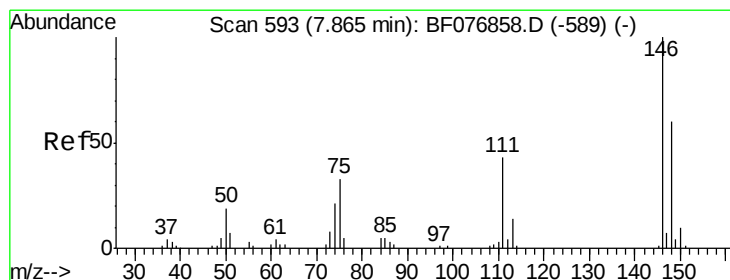
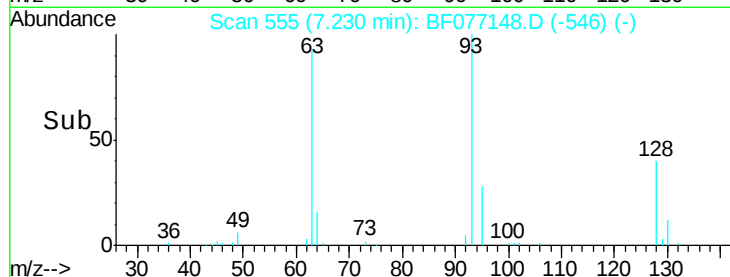
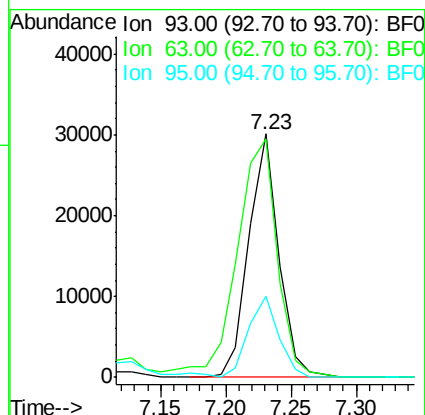
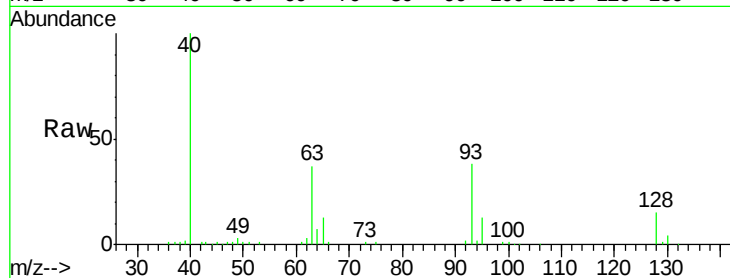
Tgt Ion: 93 Resp: 48331

Ion Ratio Lower Upper

93 100

63 97.7 111.3 151.3#

95 33.3 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 23.70 ng

RT: 7.53 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

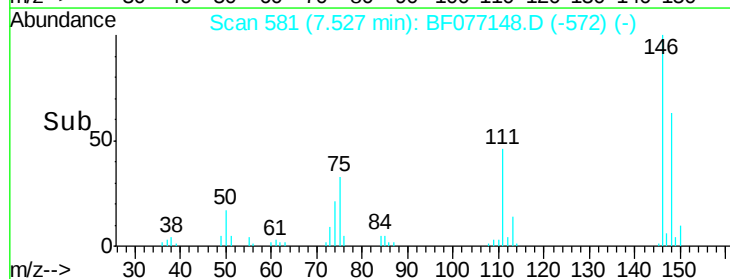
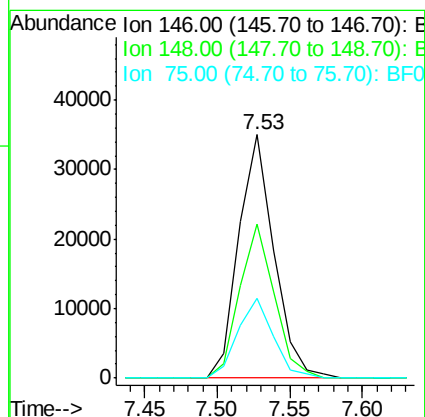
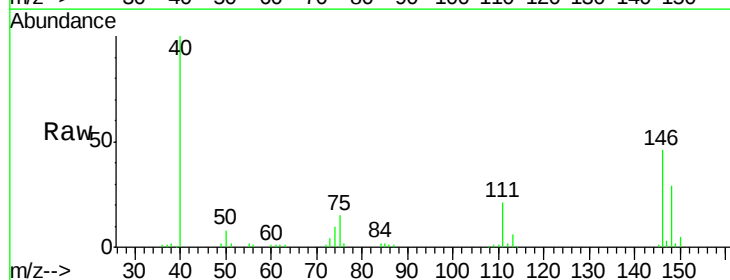
Tgt Ion: 146 Resp: 59227

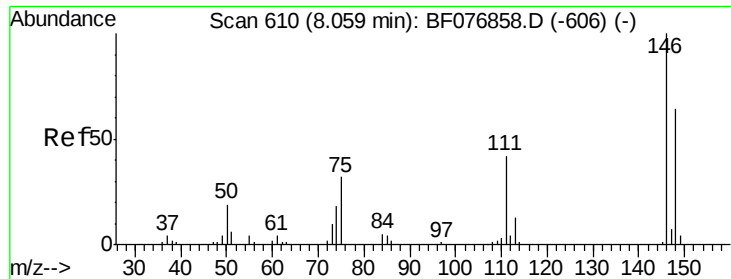
Ion Ratio Lower Upper

146 100

148 63.0 48.1 72.1

75 32.9 26.8 40.2

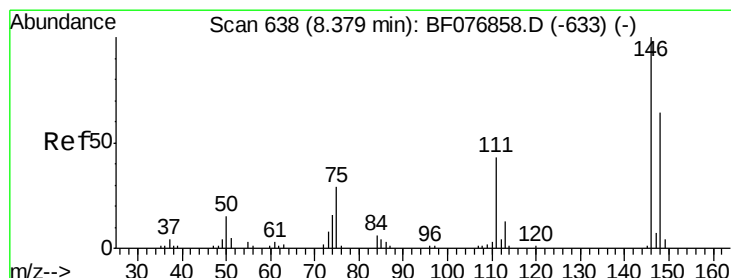
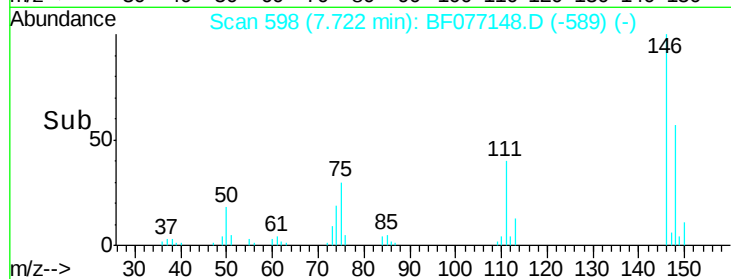
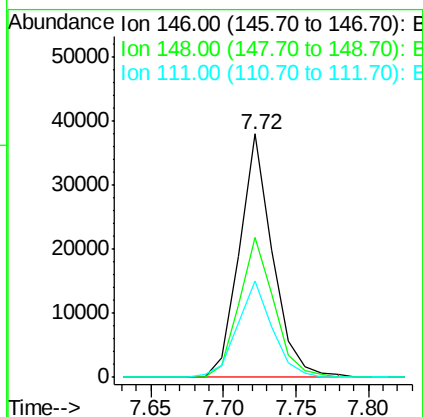
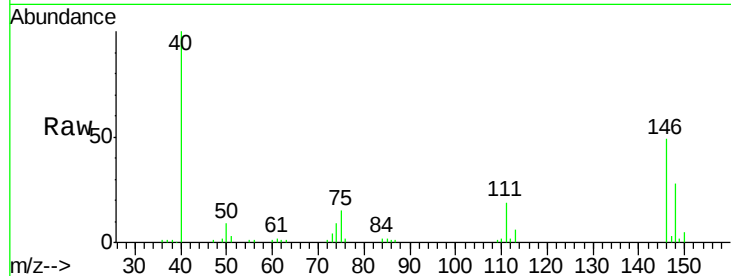




#13
 1,4-Dichlorobenzene
 Concen: 22.81 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

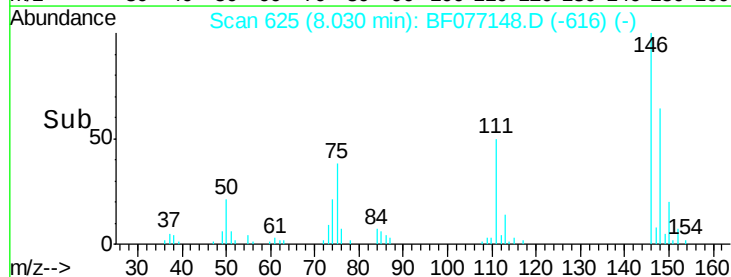
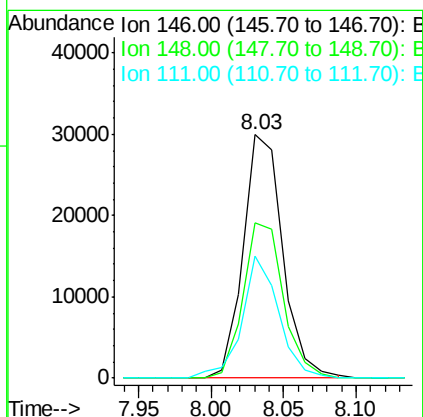
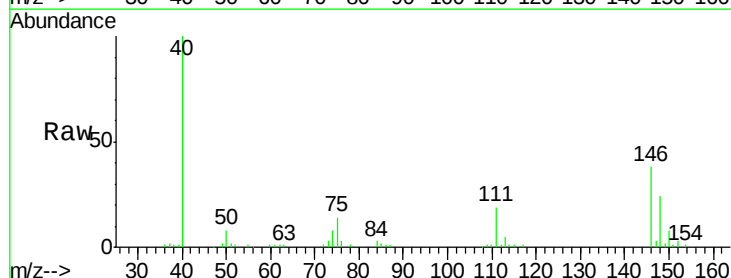
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:146 Resp: 60457
 Ion Ratio Lower Upper
 146 100
 148 57.4 51.5 77.3
 111 39.7 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 23.19 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:146 Resp: 56634
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 50.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 23.00 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

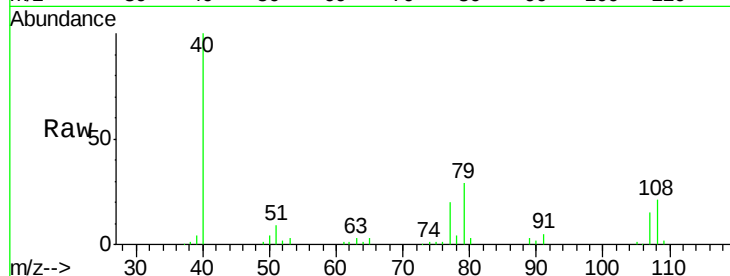
Tgt Ion: 79 Resp: 44739

Ion Ratio Lower Upper

79 100

108 71.3 57.2 85.8

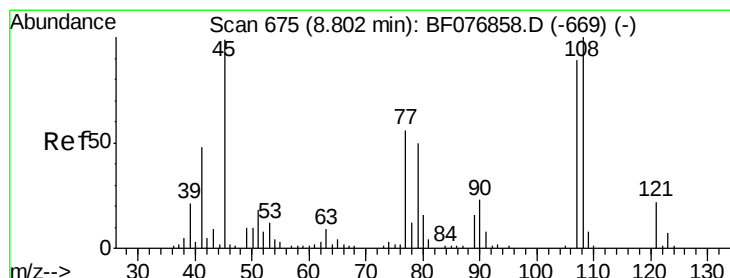
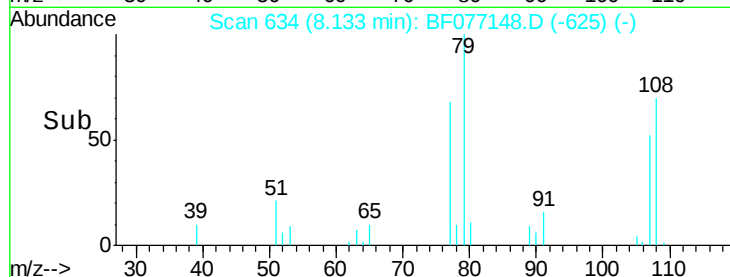
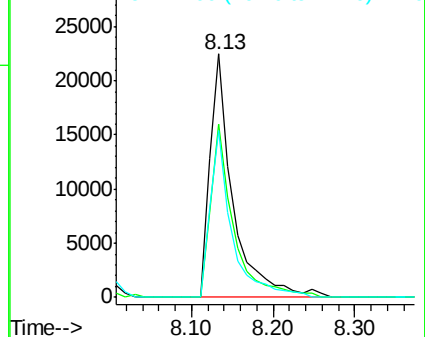
77 68.3 51.2 76.8



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: 23.05 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

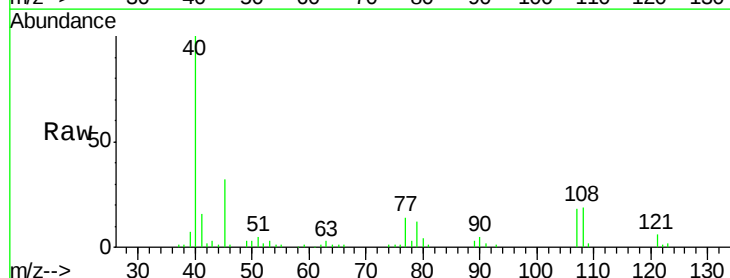
Tgt Ion: 45 Resp: 61876

Ion Ratio Lower Upper

45 100

77 43.7 36.1 76.1

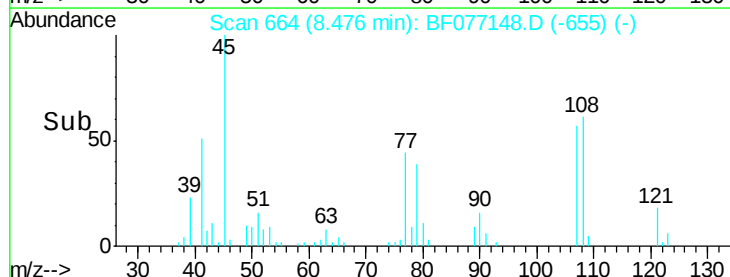
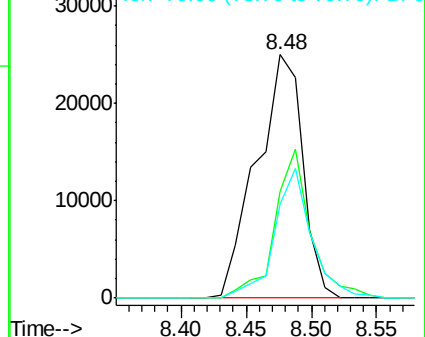
79 38.5 30.5 70.5

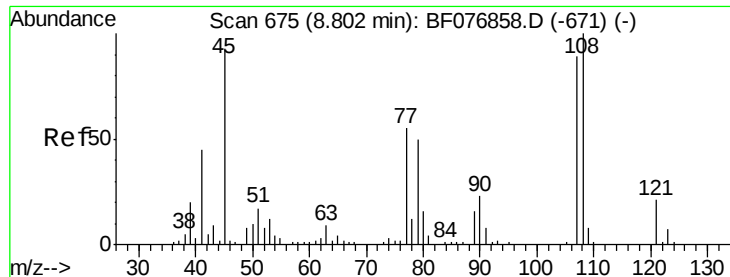


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

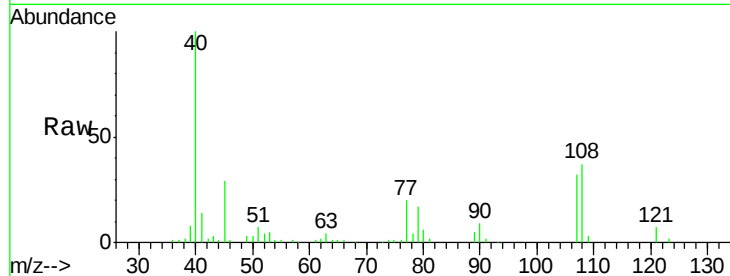




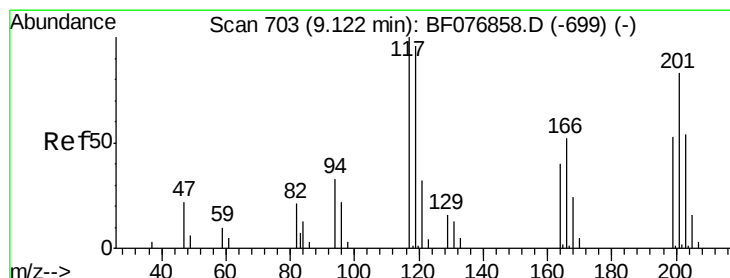
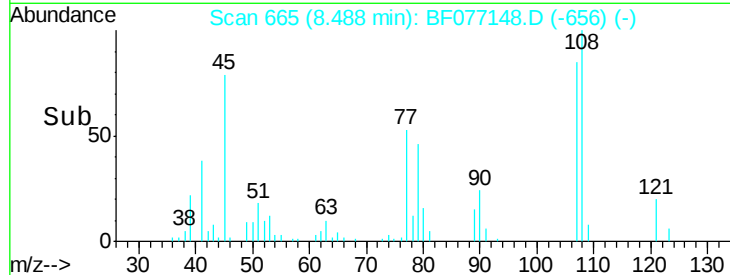
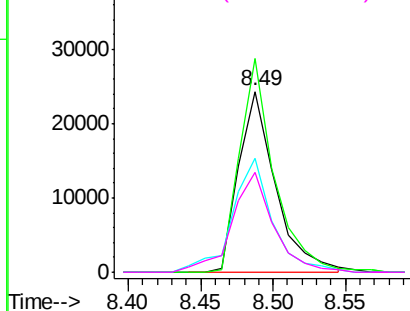
#17
2-Methylphenol
Concen: 23.92 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB81569BS

Tgt Ion:107 Resp: 42951
Ion Ratio Lower Upper
107 100
108 117.9 89.7 134.5
77 62.9 50.1 75.1
79 54.8 45.0 67.6

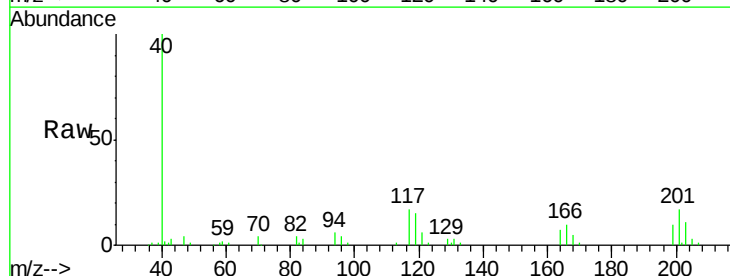


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

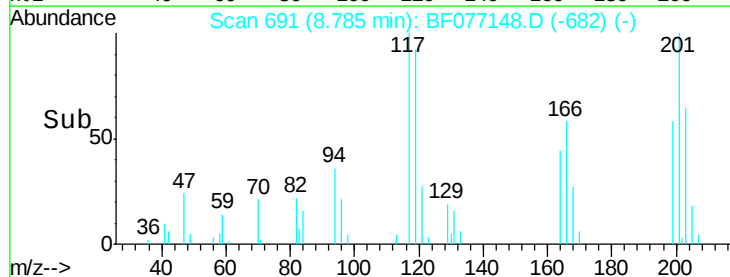
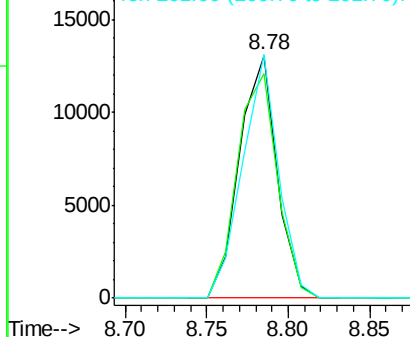


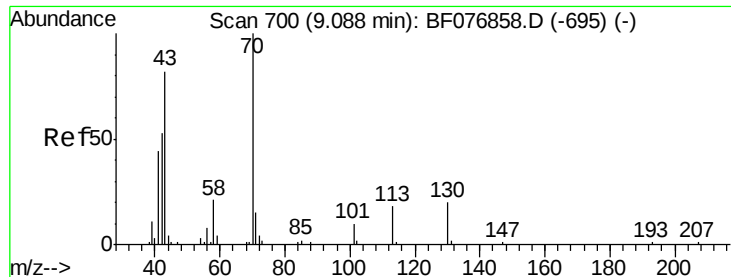
#18
Hexachloroethane
Concen: 22.57 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:117 Resp: 20804
Ion Ratio Lower Upper
117 100
119 92.3 77.1 115.7
201 100.2 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

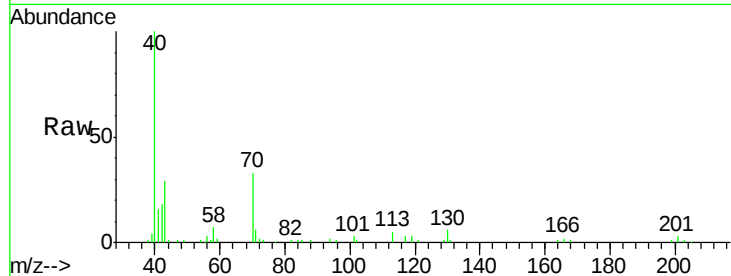




#19
n-Nitroso-di-n-propylamine
Concen: 22.56 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB81569BS

Tgt Ion:	70	Resp:	37967
Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.1	63.1
101	9.6	7.8	11.8
130	17.7	16.2	24.4



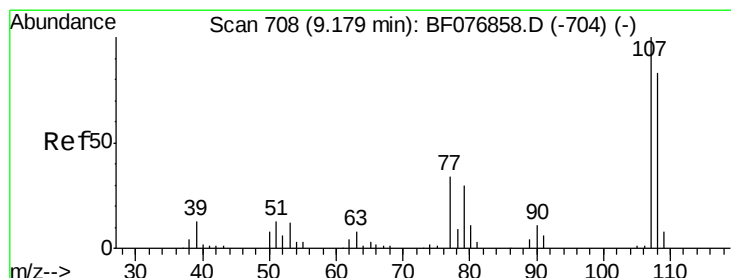
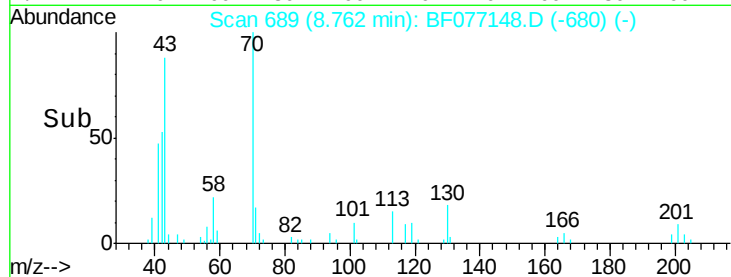
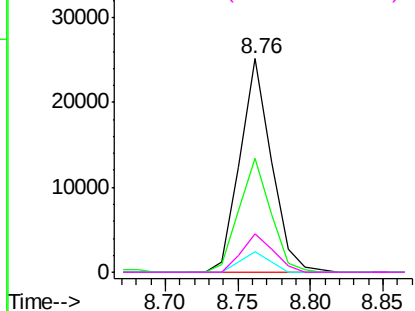
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

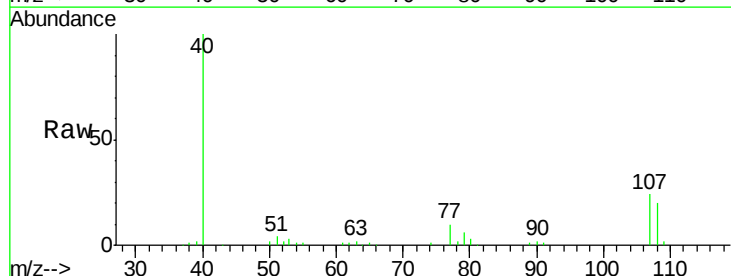
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 20.53 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:	107	Resp:	48805
Ion	Ratio	Lower	Upper
107	100		
108	83.6	63.5	103.5
77	39.5	14.0	54.0
79	25.2	9.9	49.9



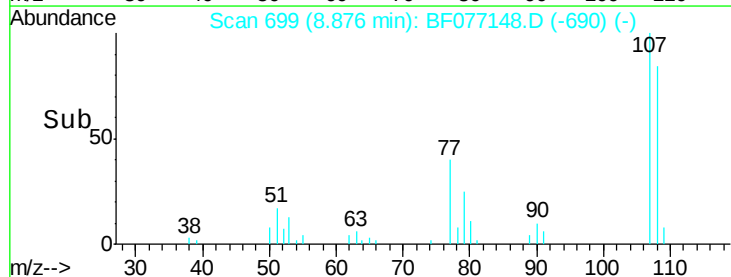
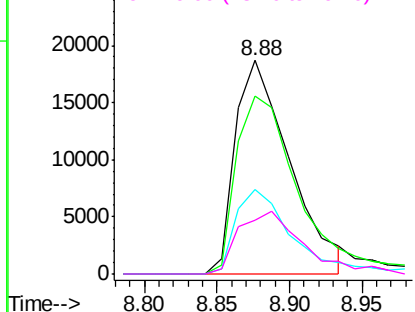
Abundance

Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

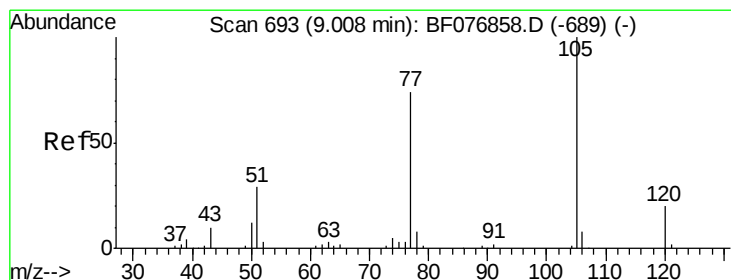
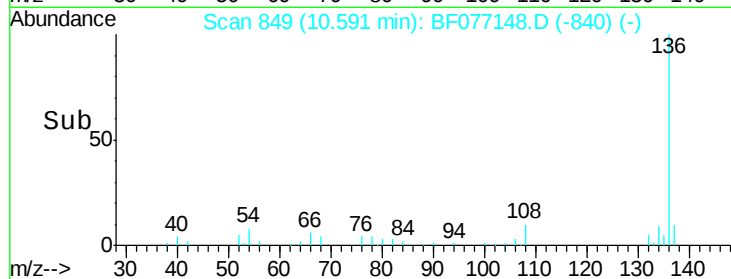
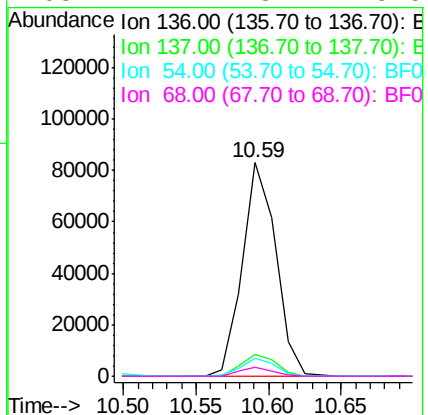
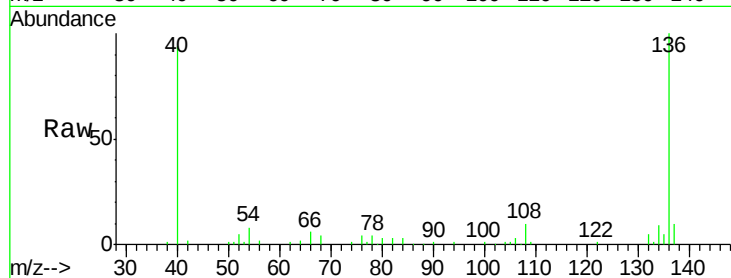




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

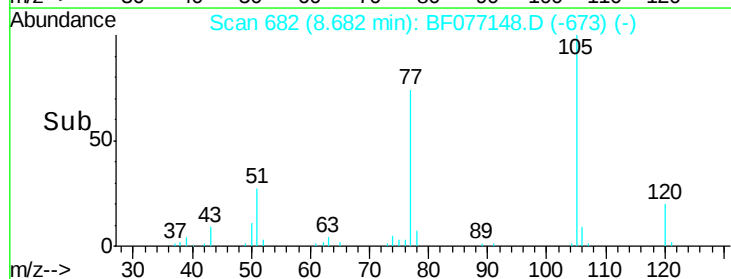
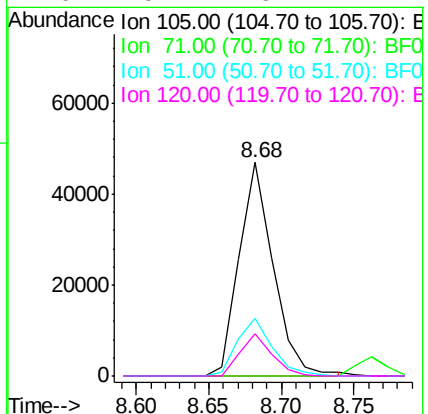
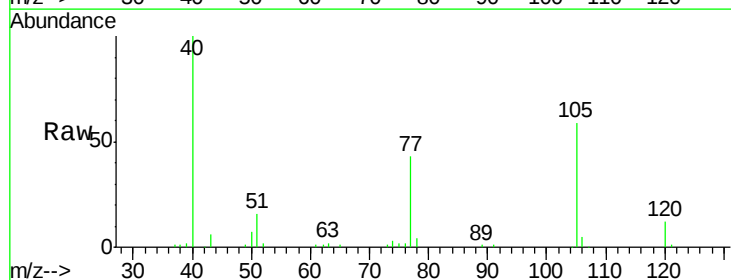
Instrument :
BNA_F
ClientSampleId :
PB81569BS

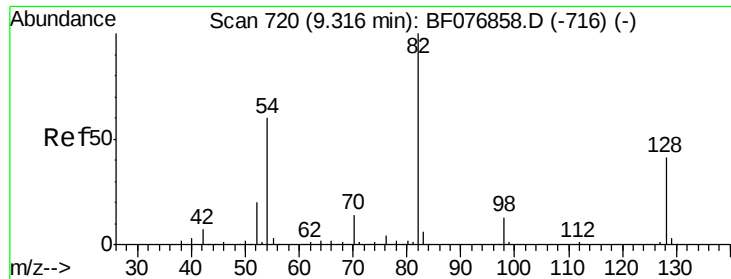
Tgt Ion:	136	Resp:	132789
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	8.3	7.0	10.4
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 23.60 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:	105	Resp:	76760
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.2	23.3	34.9
120	19.7	16.1	24.1

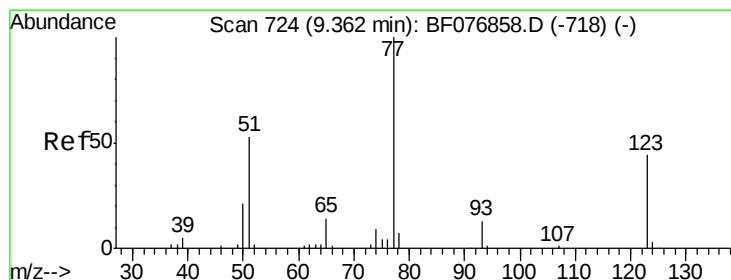
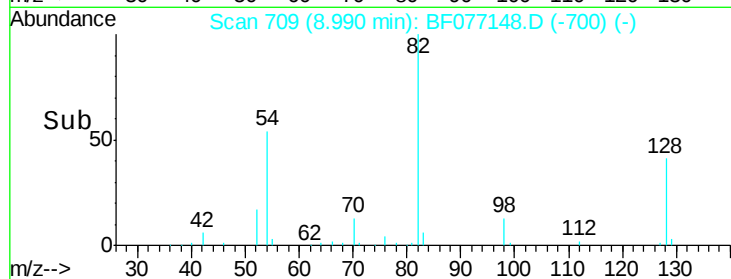
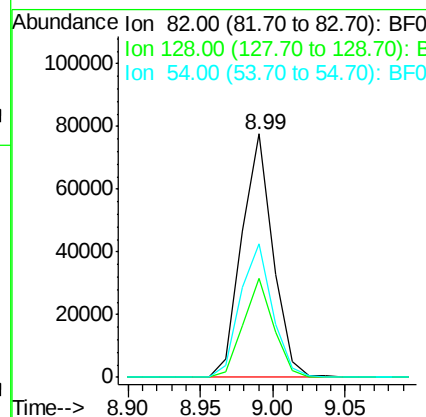
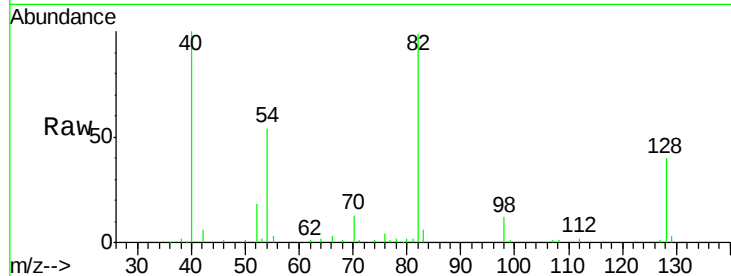




#23
 Nitrobenzene-d5
 Concen: 48.49 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

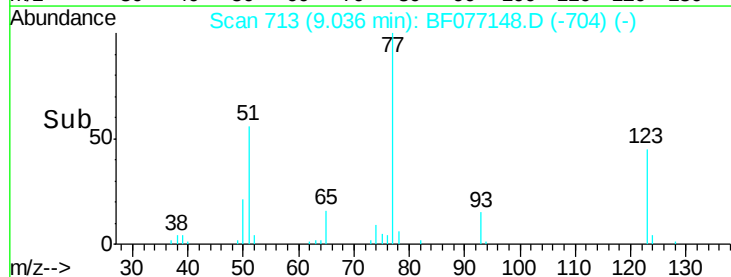
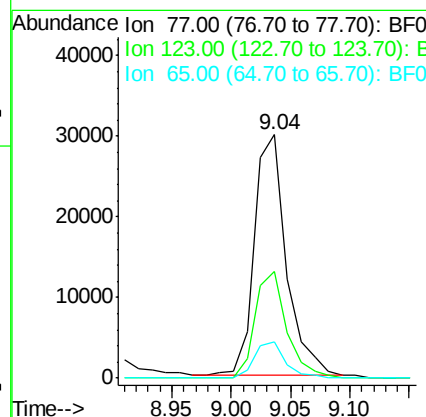
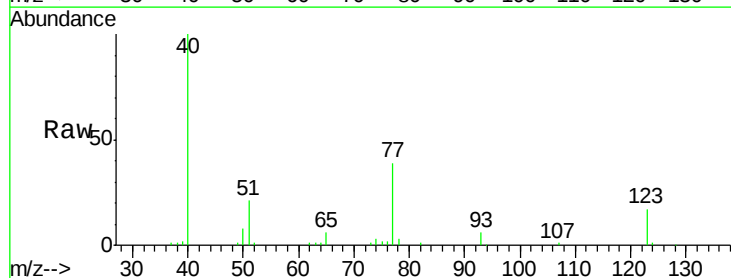
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.1	49.7
54	55.0	48.3	72.5



#24
 Nitrobenzene
 Concen: 23.09 ng
 RT: 9.04 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.2	52.8
65	15.1	11.4	17.2





#25

Isophorone

Concen: 22.51 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

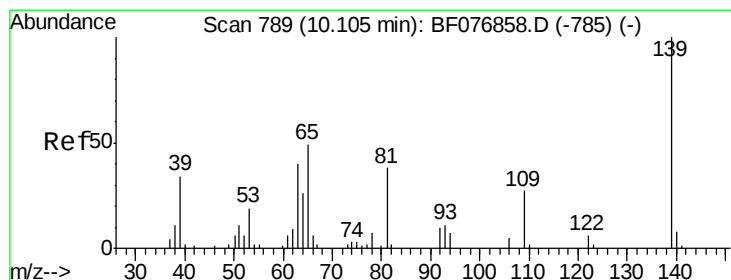
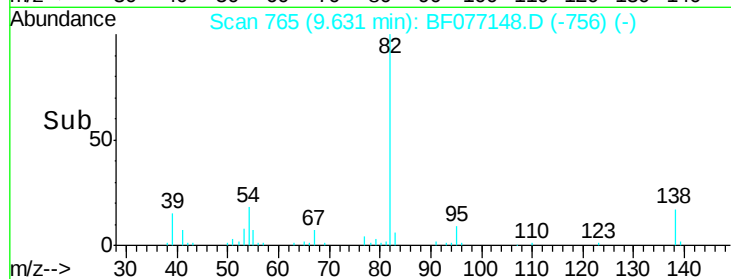
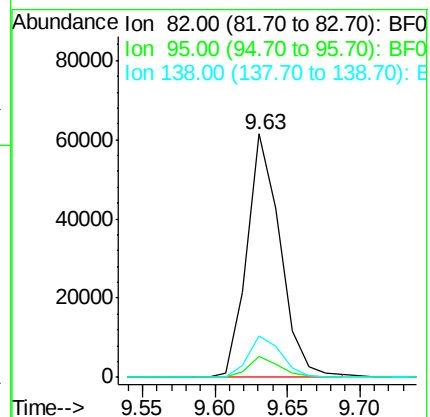
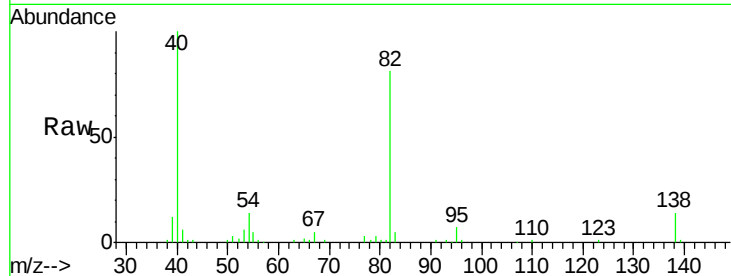
Tgt Ion: 82 Resp: 98265

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

138 17.2 12.6 18.8



#26

2-Nitrophenol

Concen: 22.34 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

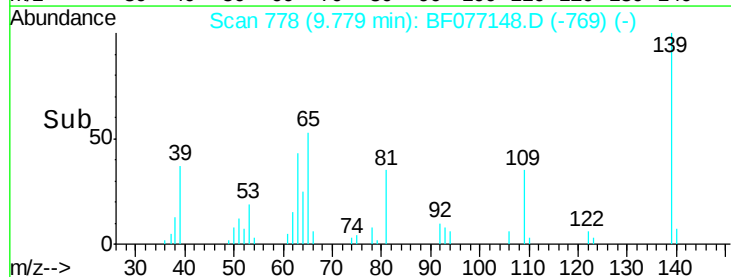
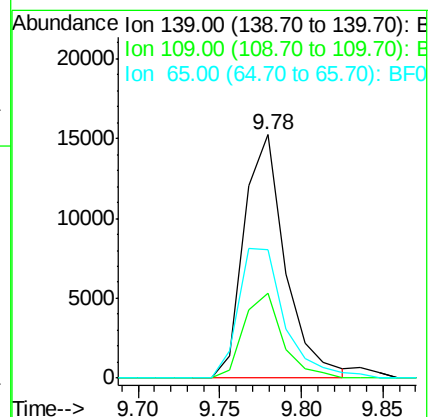
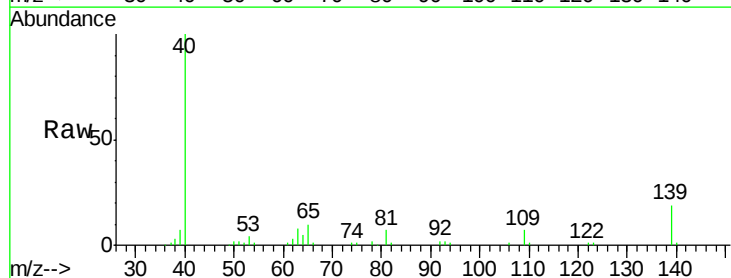
Tgt Ion: 139 Resp: 26707

Ion Ratio Lower Upper

139 100

109 34.9 21.3 31.9#

65 52.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 24.40 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

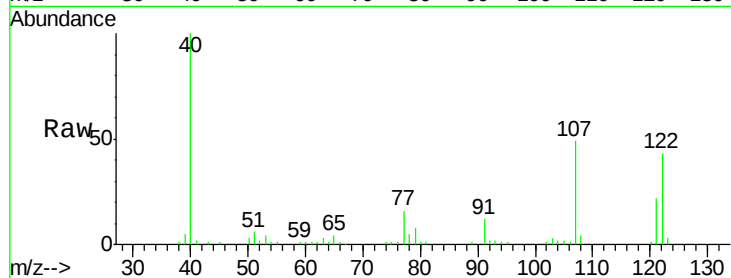
Tgt Ion: 122 Resp: 46070

Ion Ratio Lower Upper

122 100

107 115.9 95.2 142.8

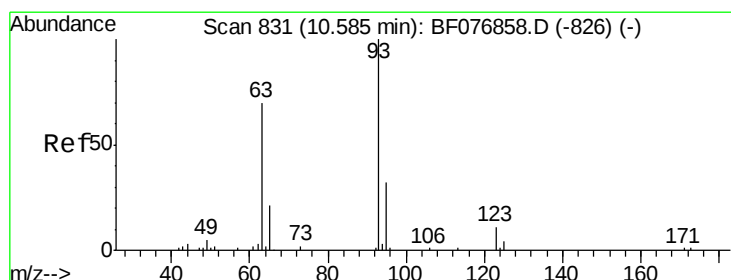
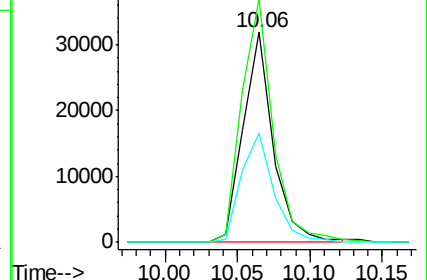
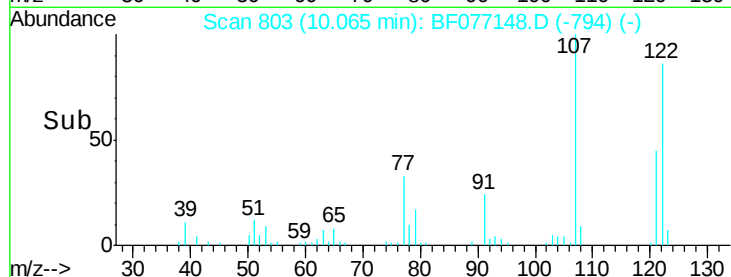
121 51.7 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.91 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

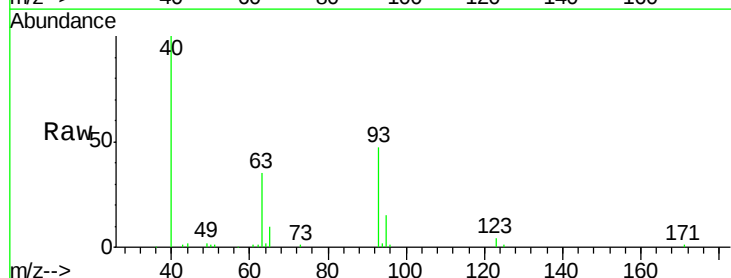
Tgt Ion: 93 Resp: 59332

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

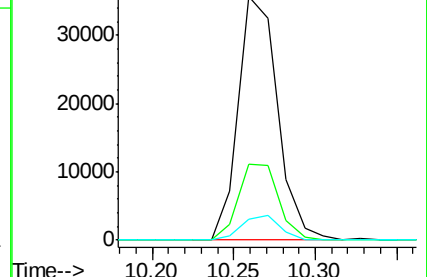
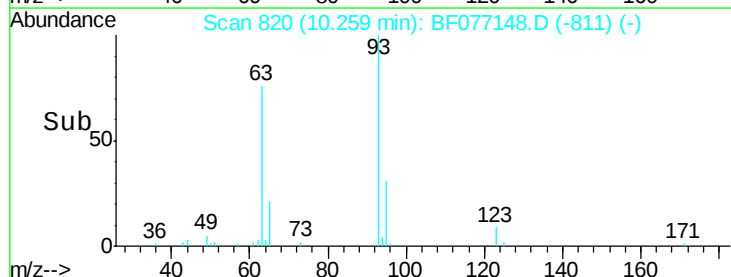
123 8.7 8.9 13.3#

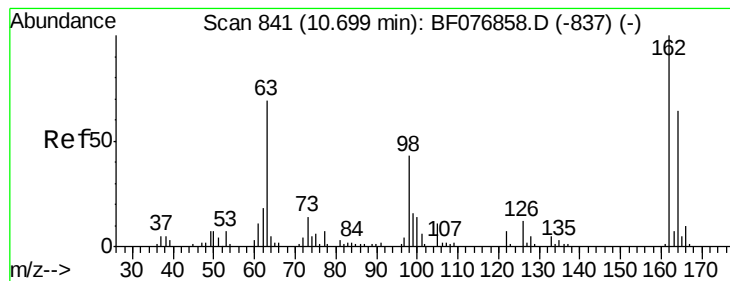


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 23.93 ng m

RT: 10.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

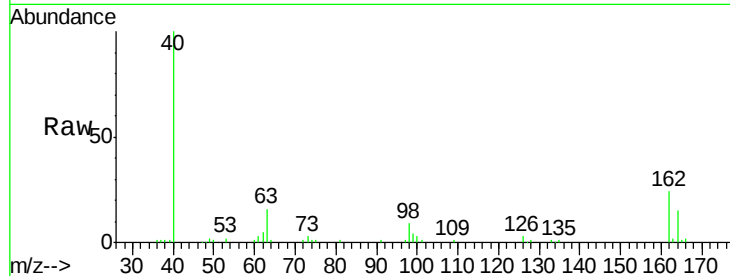
Tgt Ion:162 Resp: 42106

Ion Ratio Lower Upper

162 100

164 63.7 43.8 83.8

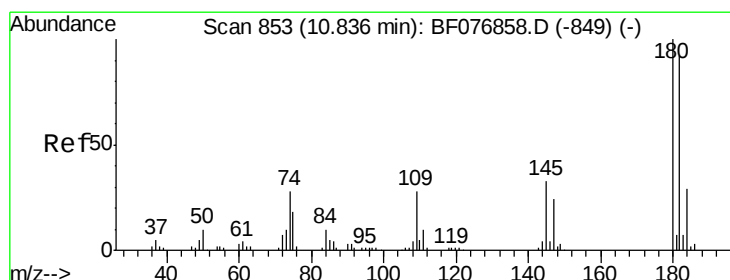
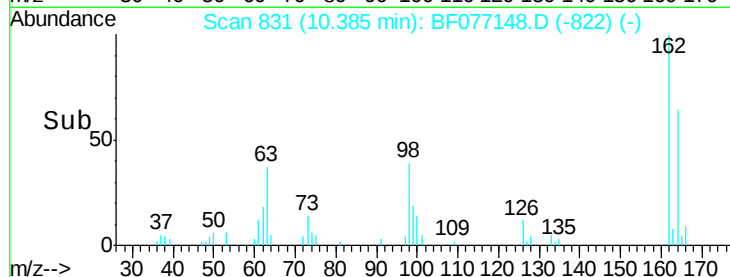
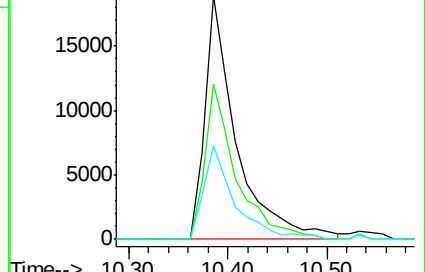
98 38.5 22.5 62.5



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: 23.14 ng

RT: 10.51 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

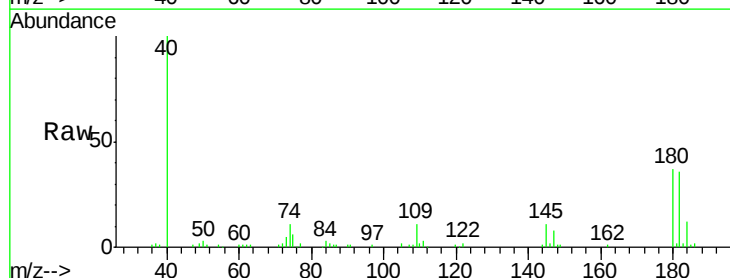
Tgt Ion:180 Resp: 45230

Ion Ratio Lower Upper

180 100

182 96.0 73.6 110.4

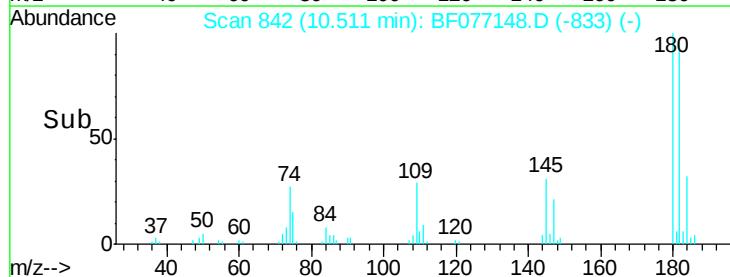
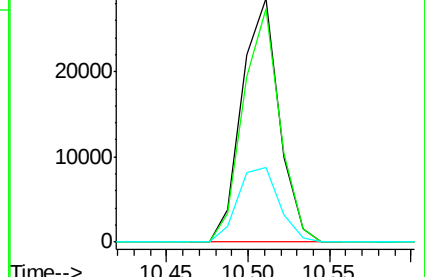
145 30.7 26.6 39.8

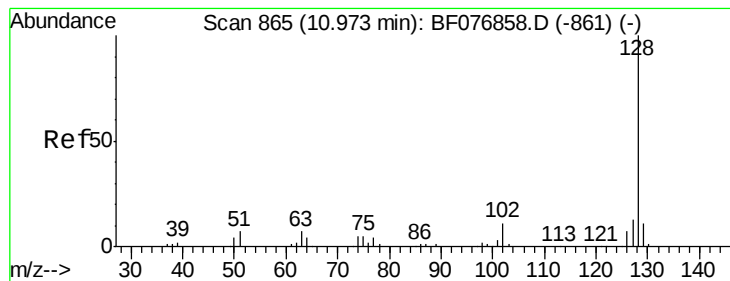


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 22.52 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

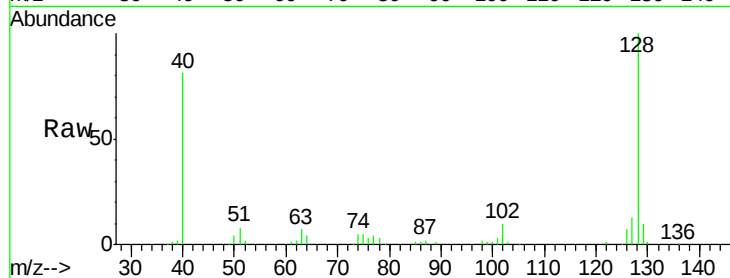
Tgt Ion:128 Resp: 153971

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

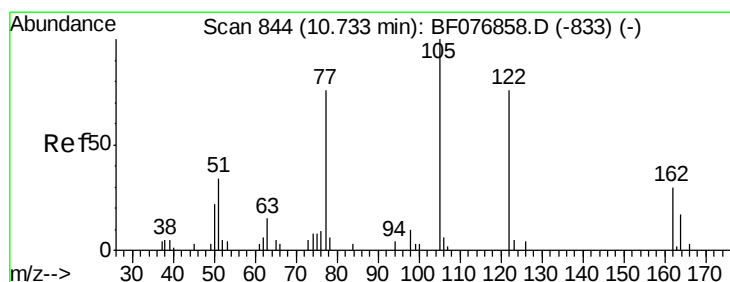
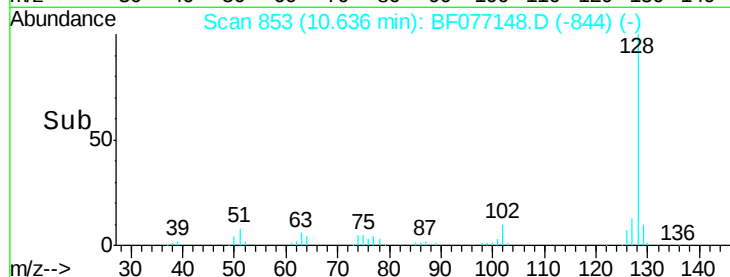
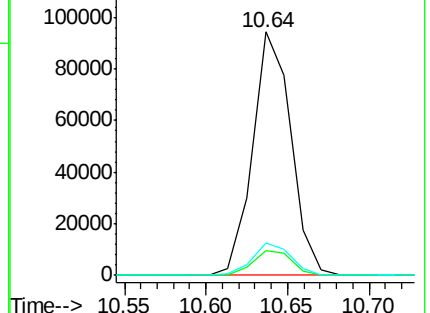
127 13.3 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.72 ng

RT: 10.43 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

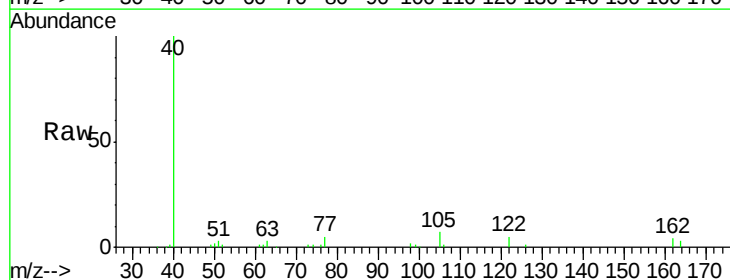
Tgt Ion:122 Resp: 11210

Ion Ratio Lower Upper

122 100

105 147.9 111.3 151.3

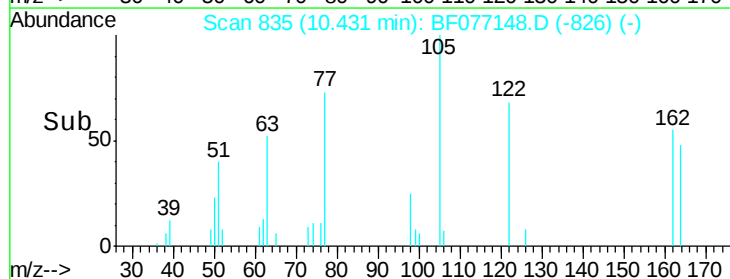
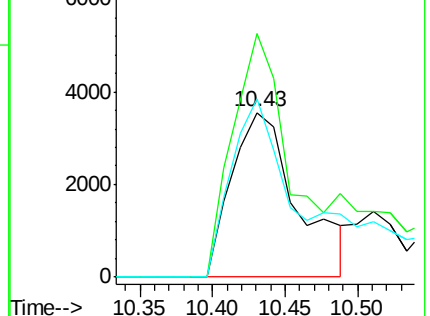
77 108.6 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

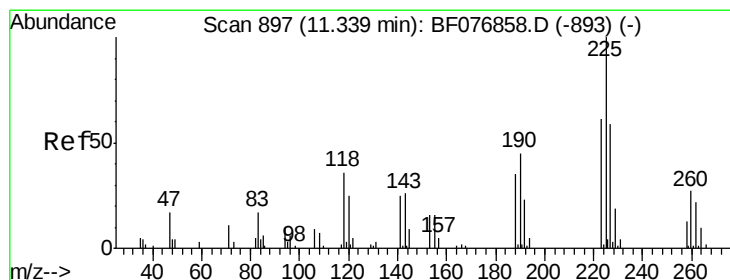
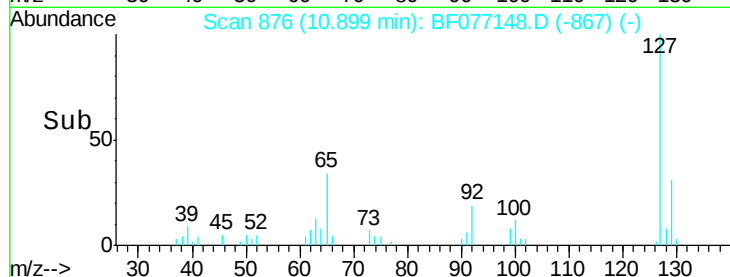
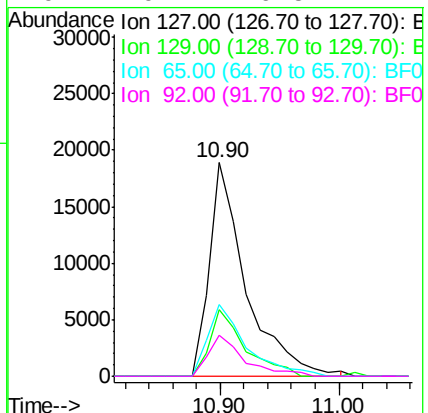
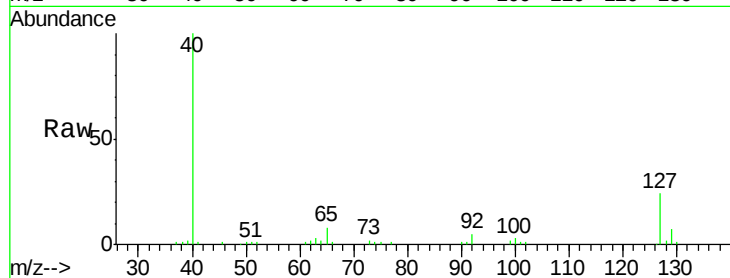




#33
4-Chloroaniline
Concen: 14.78 ng m
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

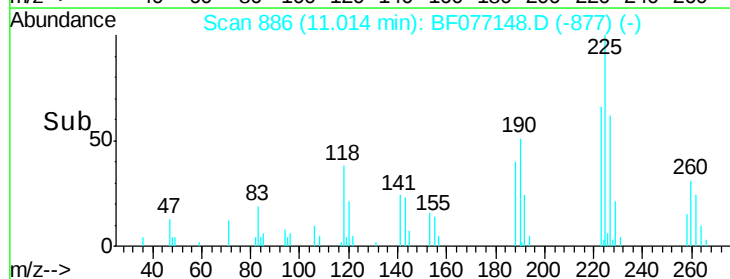
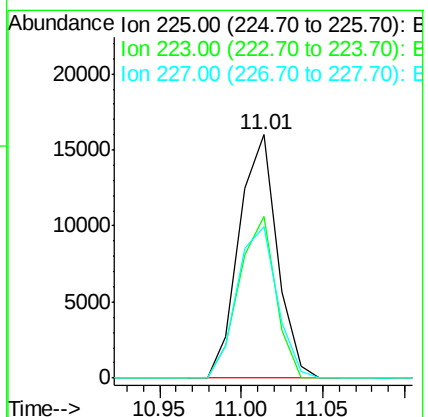
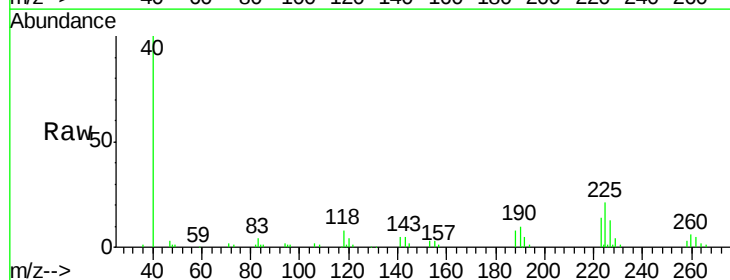
Instrument :
BNA_F
ClientSampleId :
PB81569BS

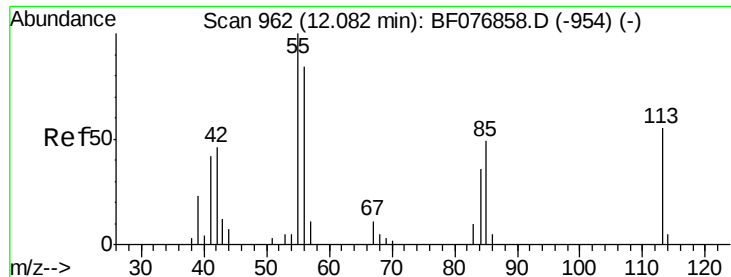
Tgt Ion:	127	Resp:	40839
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.3	37.9
65	33.8	27.8	41.6
92	19.4	16.5	24.7



#34
Hexachlorobutadiene
Concen: 22.27 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:	225	Resp:	25825
Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.1	73.7
227	62.2	47.5	71.3

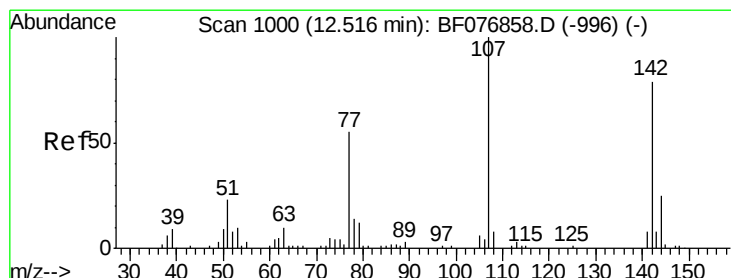
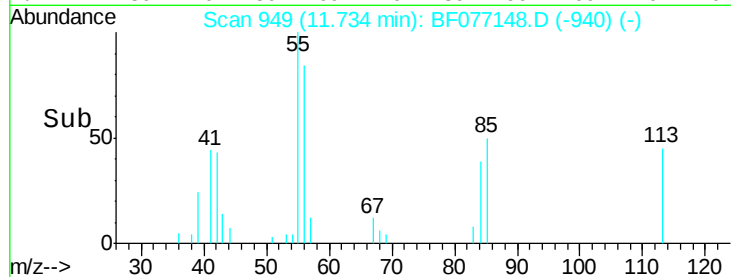
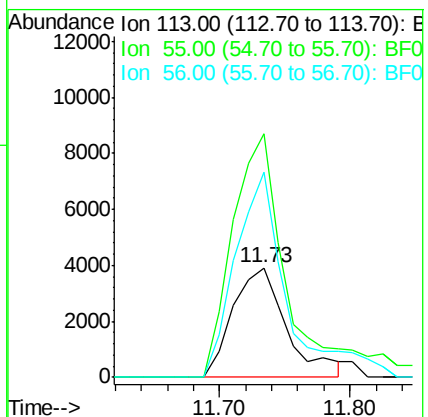
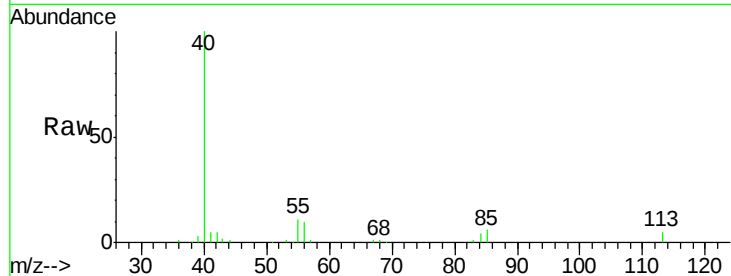




#35
 Caprolactam
 Concen: 21.80 ng
 RT: 11.73 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

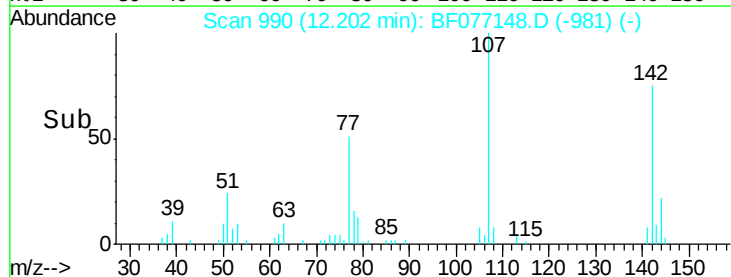
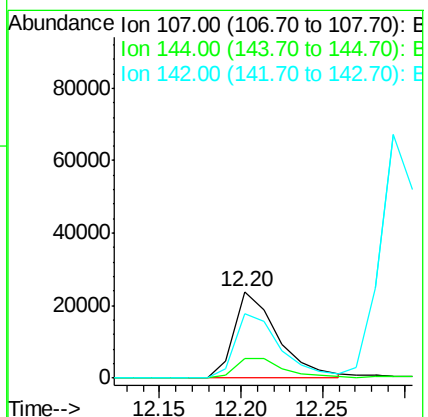
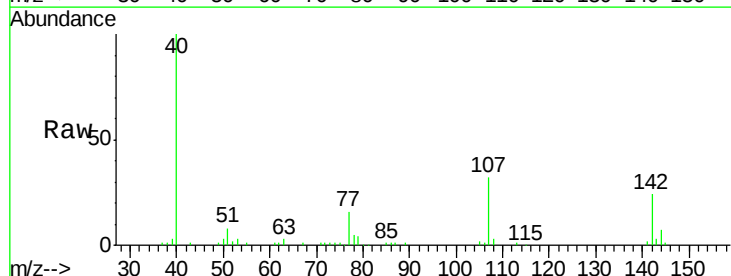
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

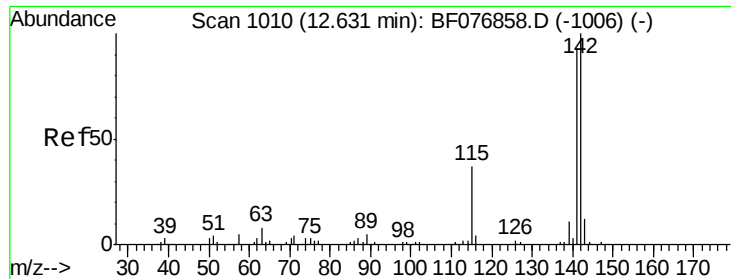
Tgt Ion:113 Resp: 11292
 Ion Ratio Lower Upper
 113 100
 55 222.7 162.1 202.1#
 56 188.1 133.7 173.7#



#36
 4-Chloro-3-methylphenol
 Concen: 22.03 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:107 Resp: 44394
 Ion Ratio Lower Upper
 107 100
 144 22.3 20.0 30.0
 142 74.6 63.5 95.3

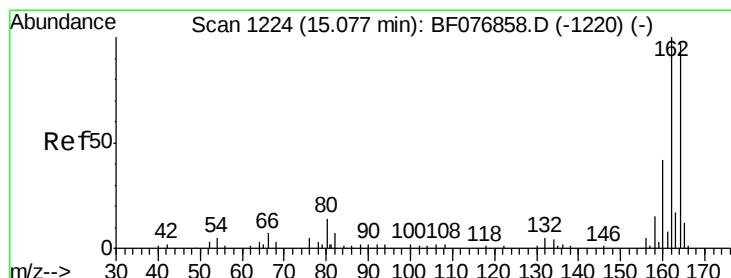
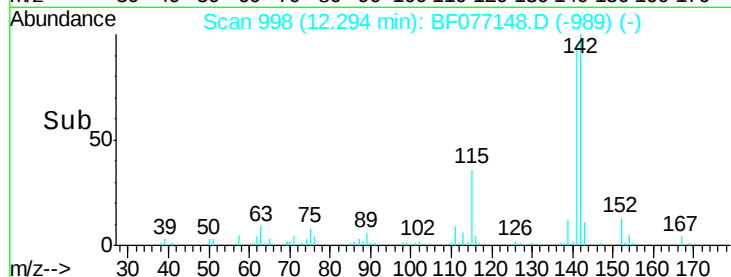
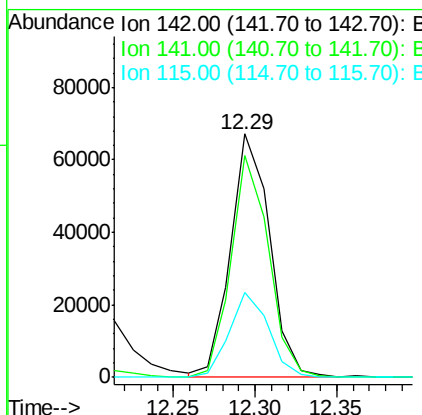
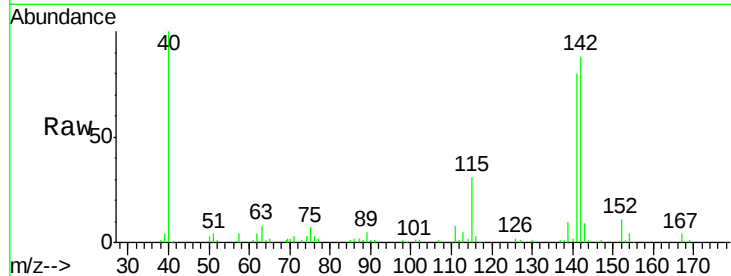




#37
2-Methylnaphthalene
Concen: 23.90 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

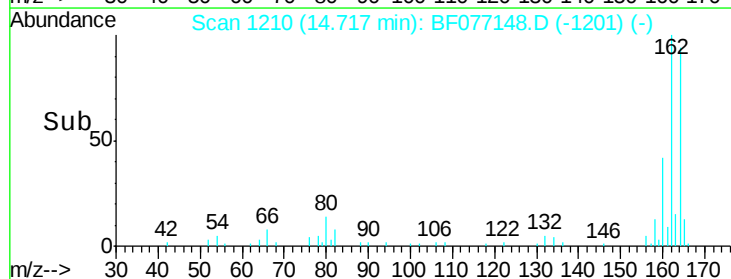
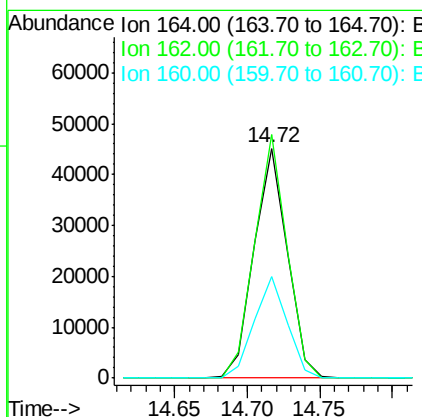
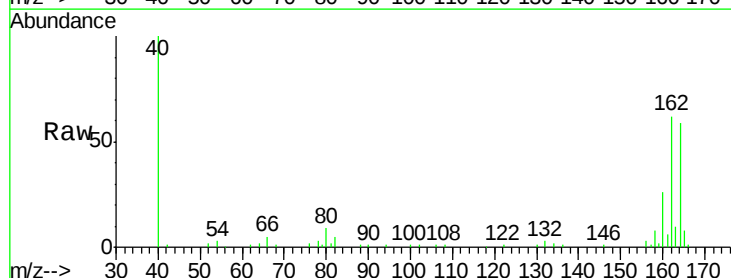
Instrument :
BNA_F
ClientSampleId :
PB81569BS

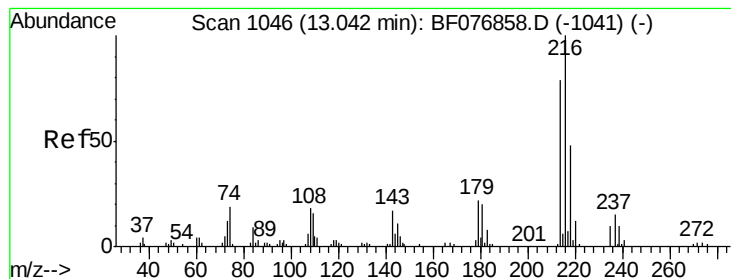
Tgt Ion:142 Resp: 111587
Ion Ratio Lower Upper
142 100
141 91.0 74.5 111.7
115 34.8 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:164 Resp: 71875
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 44.2 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.94 ng

RT: 12.71 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

Tgt Ion:216 Resp: 42541

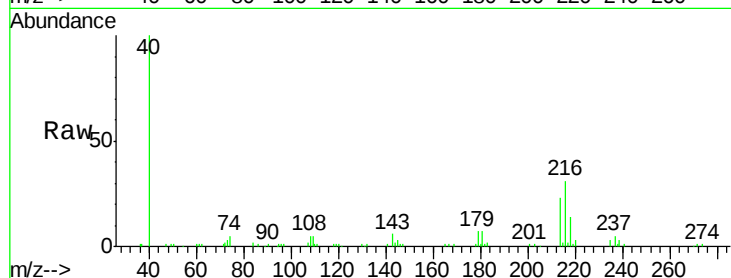
Ion Ratio Lower Upper

216 100

214 78.7 64.9 97.3

179 24.2 18.6 28.0

108 25.2 18.1 27.1

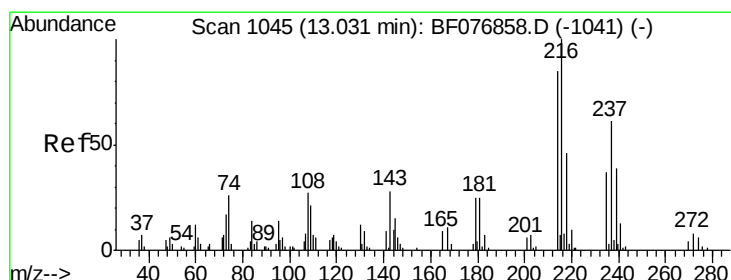
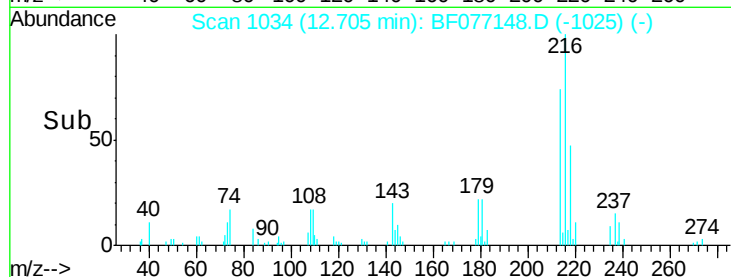
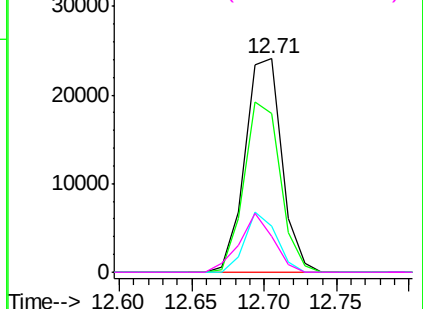


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 42.79 ng

RT: 12.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

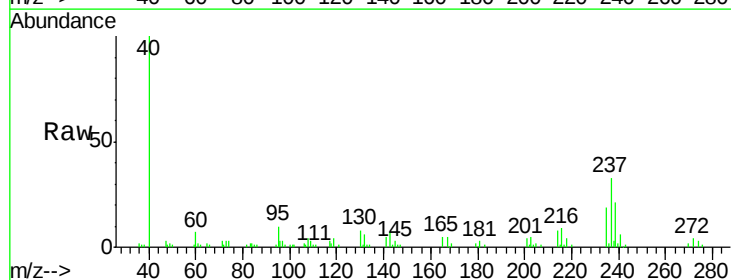
Tgt Ion:237 Resp: 38771

Ion Ratio Lower Upper

237 100

235 57.1 40.4 80.4

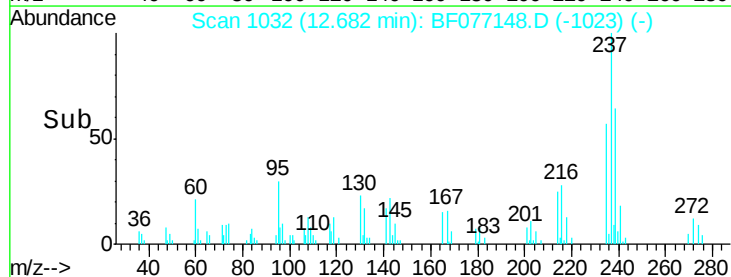
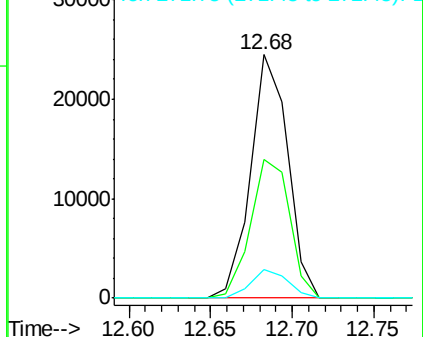
272 11.9 0.0 33.2



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

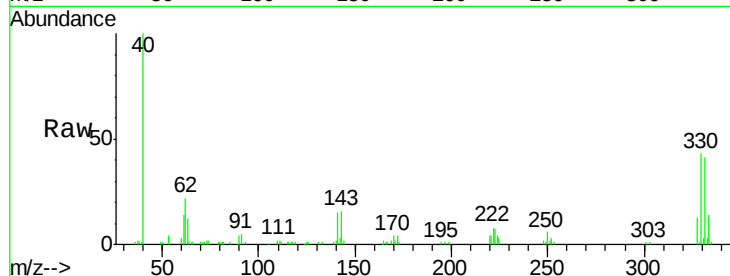




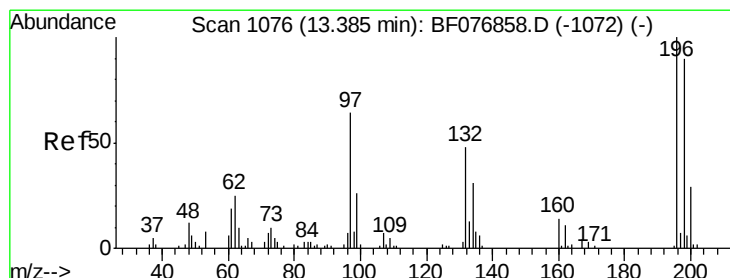
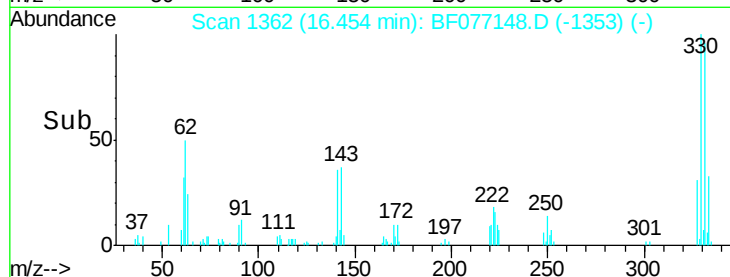
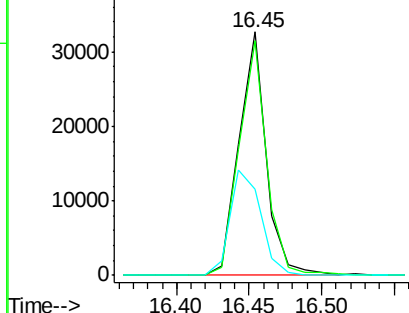
#41
 2,4,6-Tribromophenol
 Concen: 72.91 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:330 Resp: 42538
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.6
 141 48.8 38.5 57.7

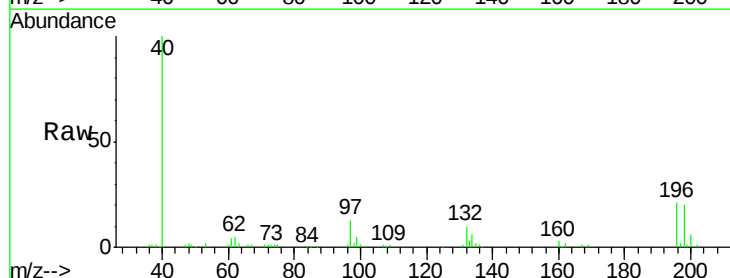


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

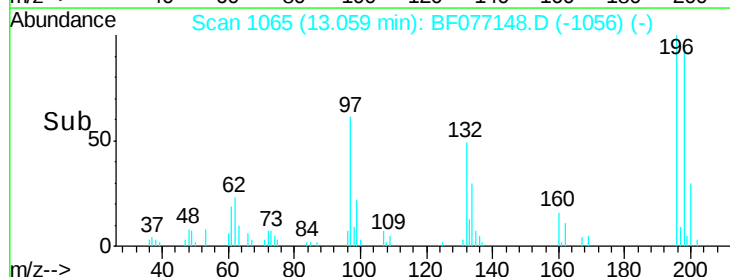
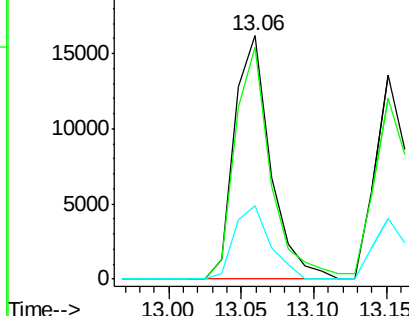


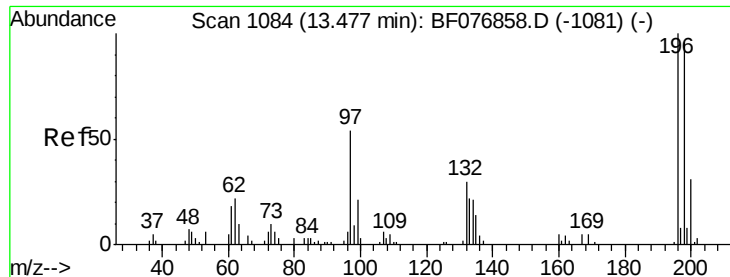
#42
 2,4,6-Trichlorophenol
 Concen: 21.55 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:196 Resp: 27904
 Ion Ratio Lower Upper
 196 100
 198 95.1 72.0 108.0
 200 30.2 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

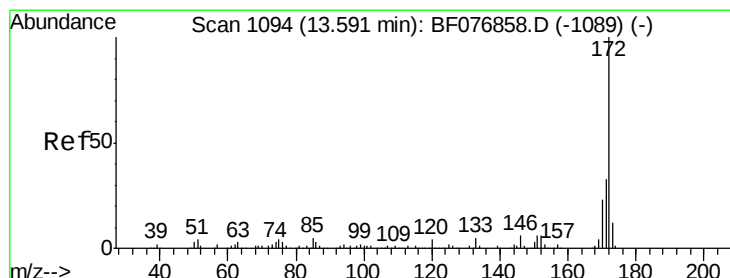
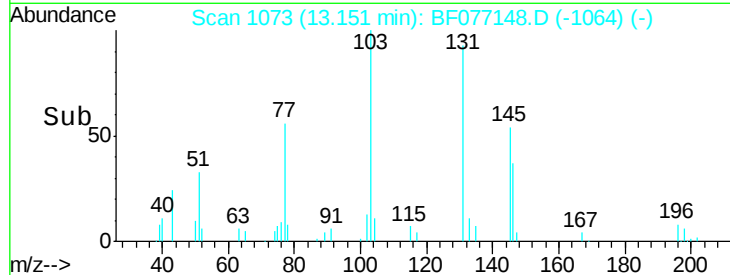
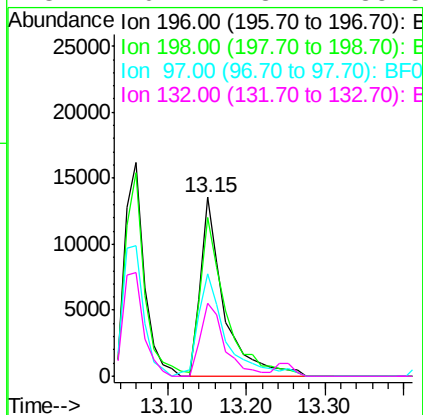
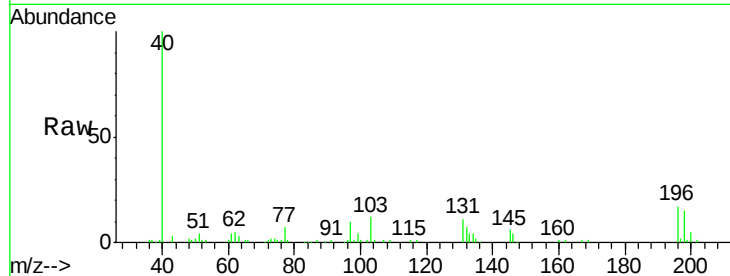




#43
 2,4,5-Trichlorophenol
 Concen: 21.36 ng m
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

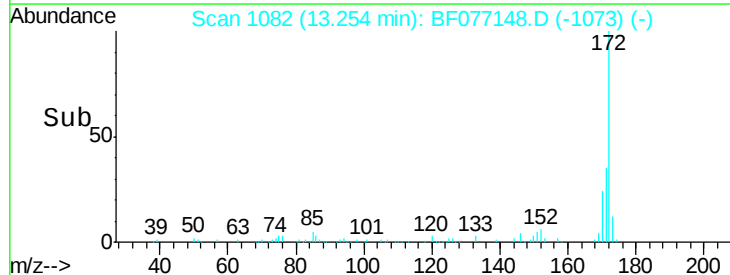
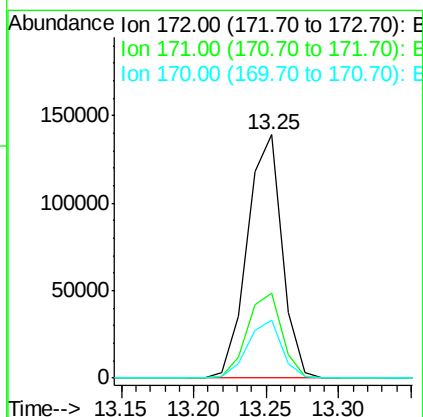
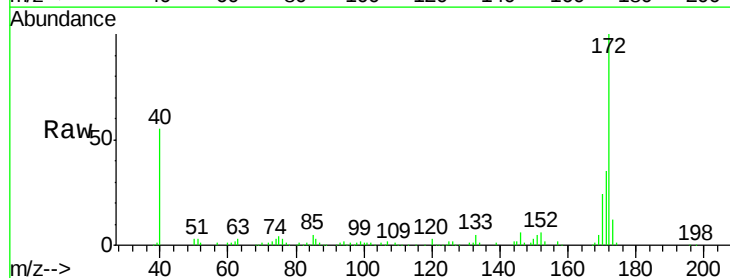
Instrument :
 BNA_F
 ClientSampleID :
 PB81569BS

Tgt Ion:196 Resp: 28203
 Ion Ratio Lower Upper
 196 100
 198 88.3 76.6 115.0
 97 57.4 43.4 65.0
 132 40.7 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 48.83 ng
 RT: 13.25 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:172 Resp: 230624
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 40.0
 170 23.8 18.0 27.0

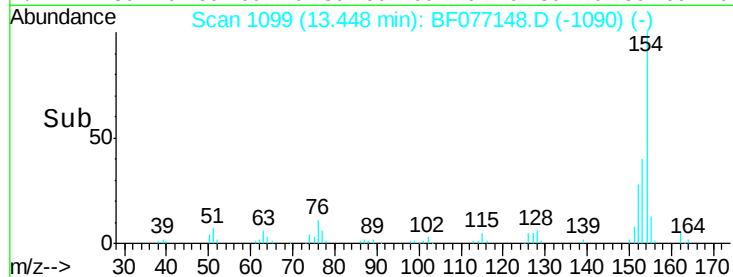
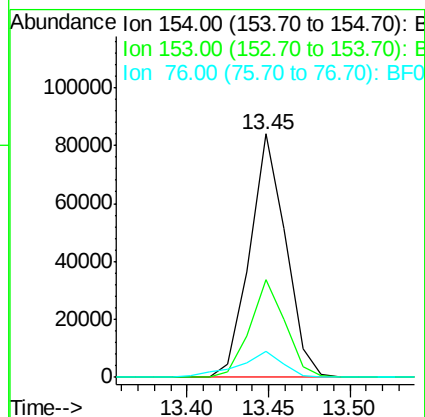
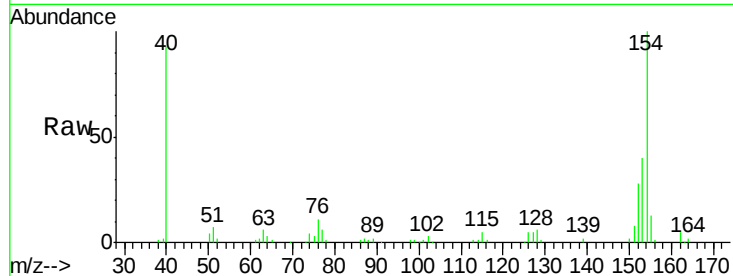




#45
 1,1'-Biphenyl
 Concen: 24.08 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

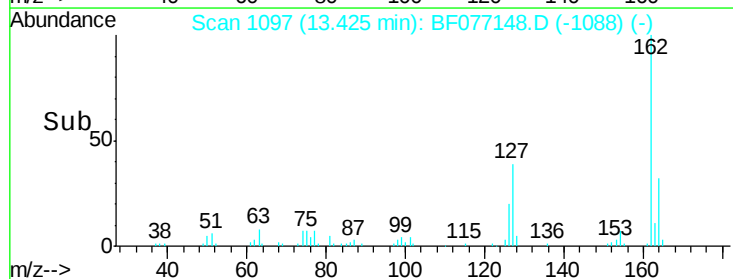
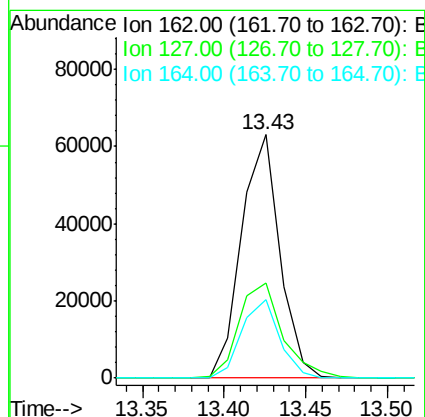
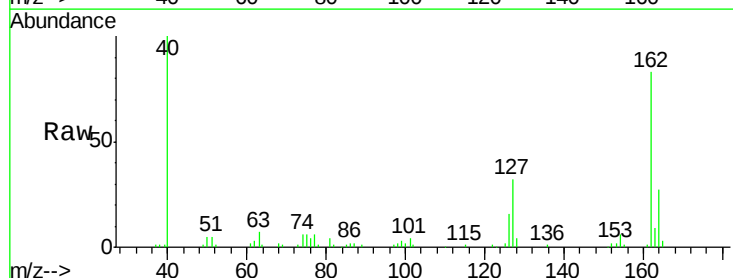
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:154 Resp: 128313
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 10.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 23.39 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:162 Resp: 102571
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.8 50.6
 164 32.0 26.8 40.2





#47

2-Nitroaniline

Concen: 24.66 ng

RT: 13.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

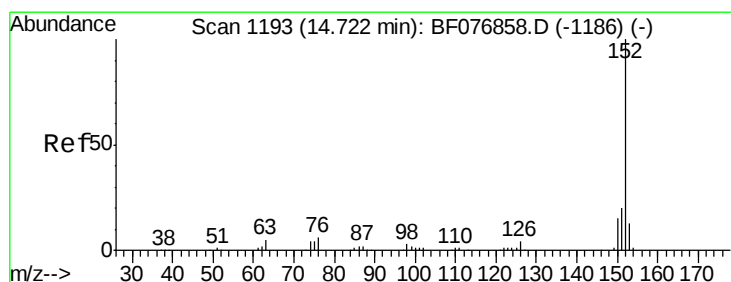
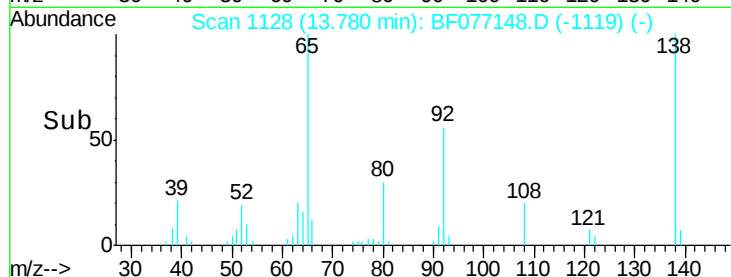
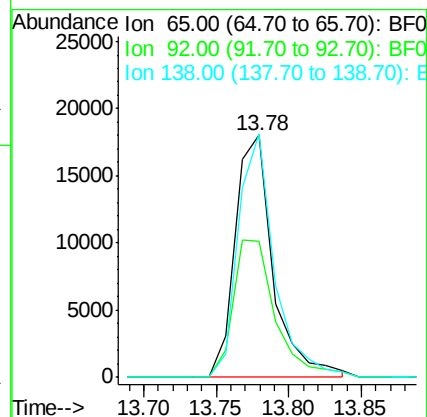
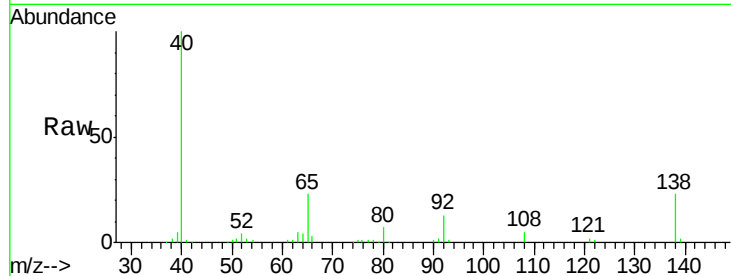
Tgt Ion: 65 Resp: 32797

Ion Ratio Lower Upper

65 100

92 56.4 47.3 70.9

138 100.5 71.4 107.2



#48

Acenaphthylene

Concen: 22.59 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

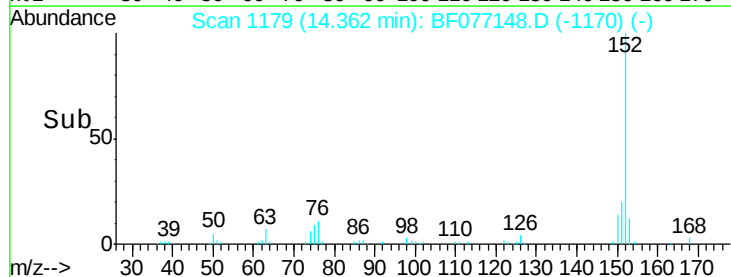
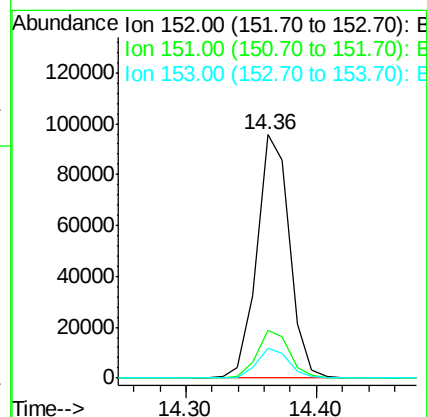
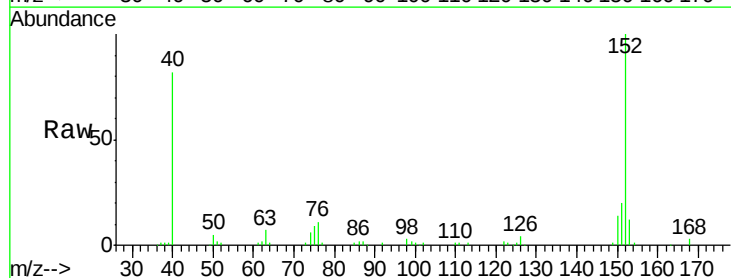
Tgt Ion: 152 Resp: 167098

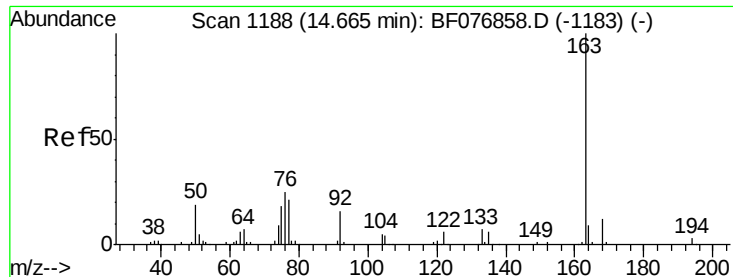
Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.4 10.2 15.4

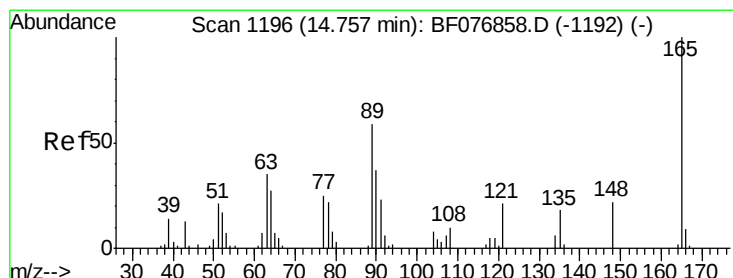
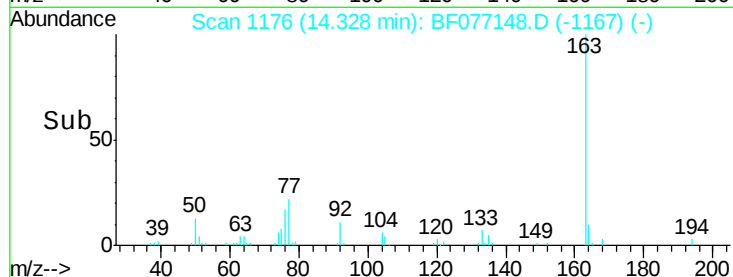
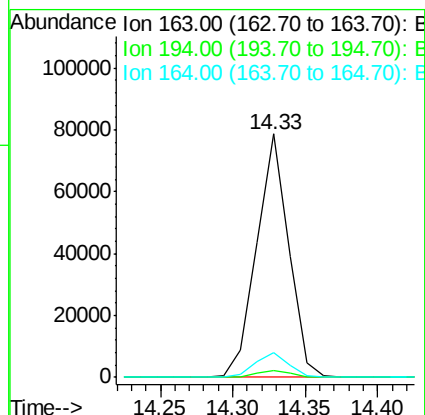
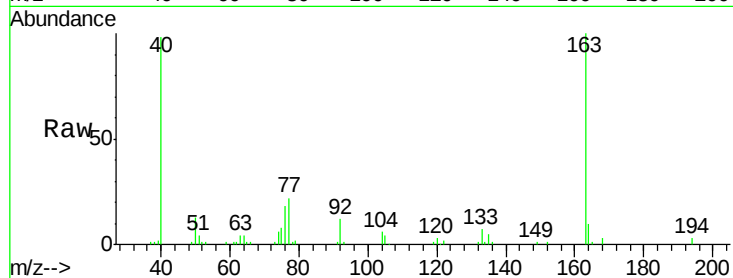




#49
Dimethylphthalate
Concen: 23.63 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

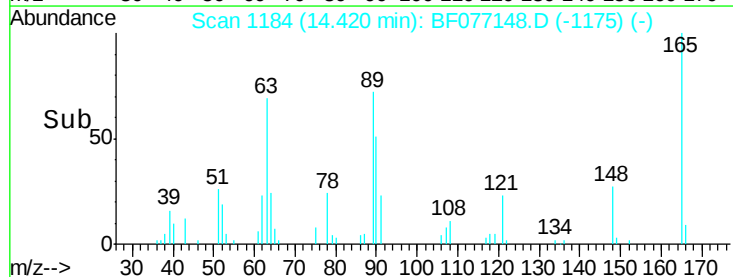
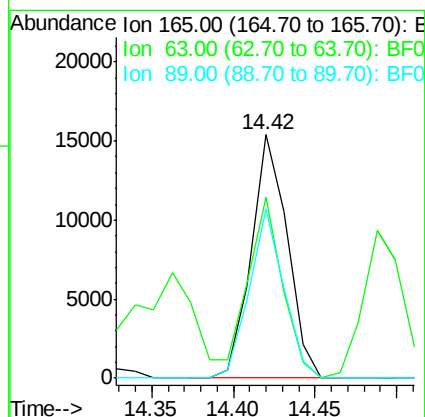
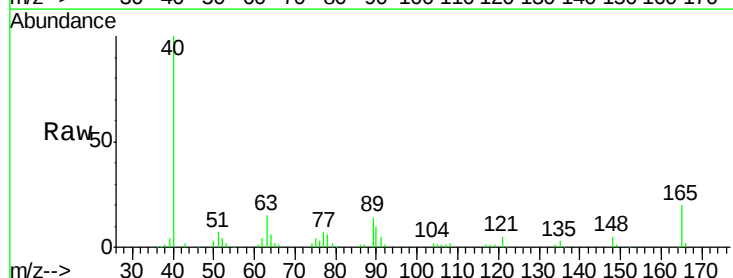
Instrument :
BNA_F
ClientSampleId :
PB81569BS

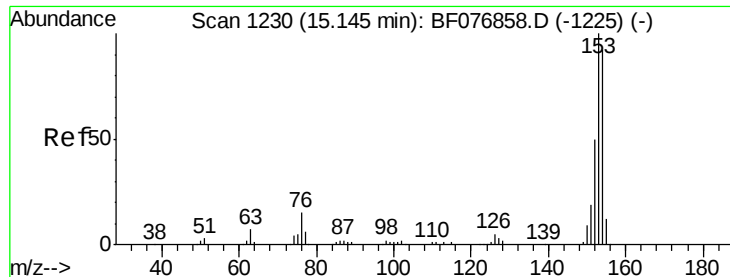
Tgt Ion:163 Resp: 120451
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.4 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 23.14 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:165 Resp: 23567
Ion Ratio Lower Upper
165 100
63 74.5 48.1 72.1#
89 69.6 47.2 70.8





#51

Acenaphthene

Concen: 22.35 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

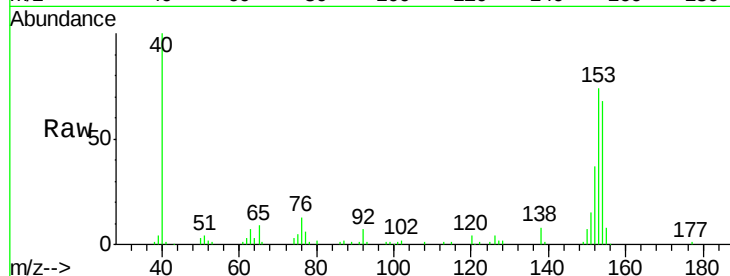
Tgt Ion:154 Resp: 93769

Ion Ratio Lower Upper

154 100

153 109.7 87.0 130.6

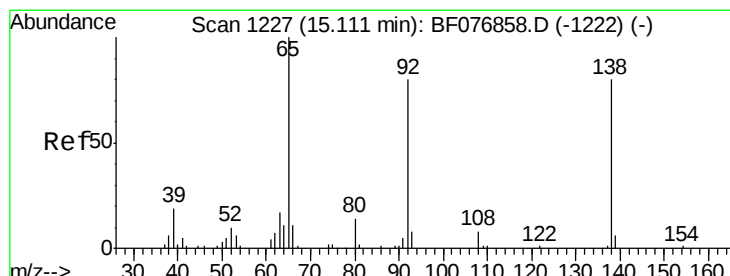
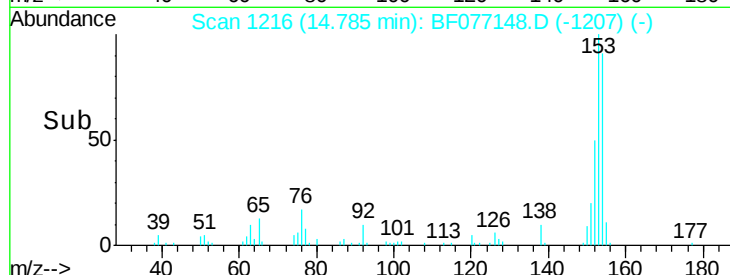
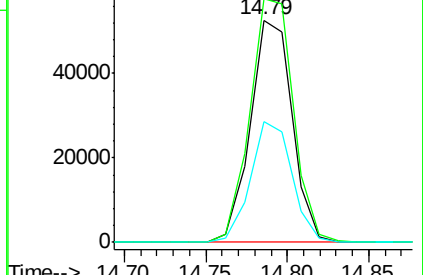
152 54.5 43.5 65.3



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: 17.91 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

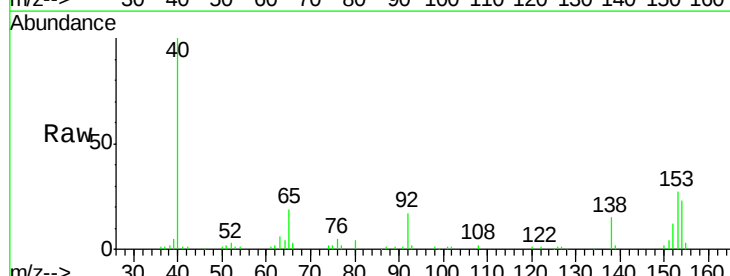
Tgt Ion:138 Resp: 22249

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

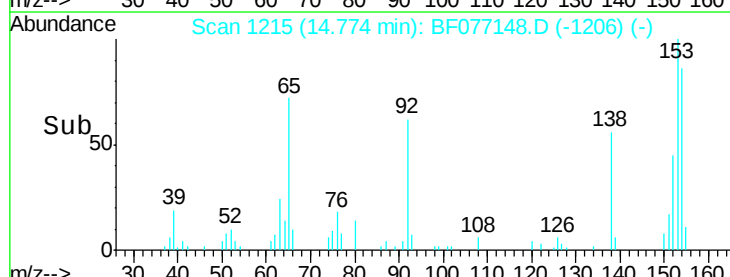
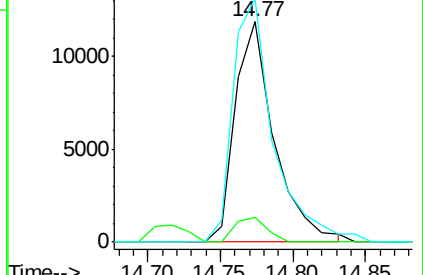
92 110.6 80.9 121.3



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

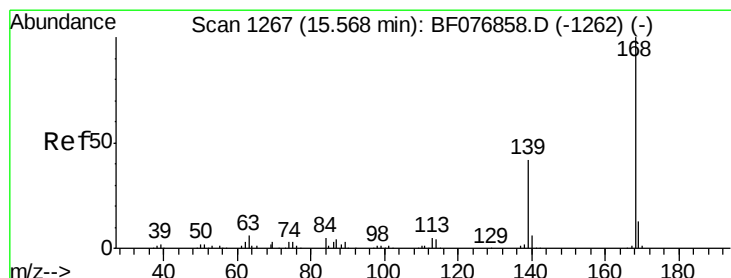
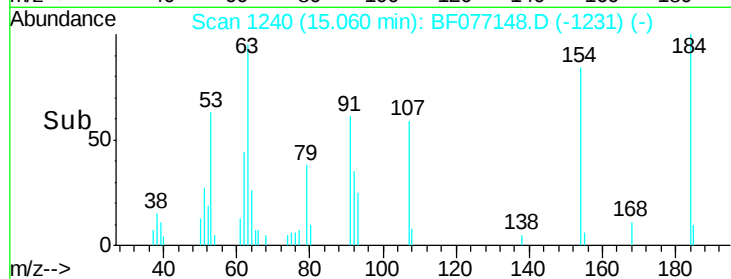
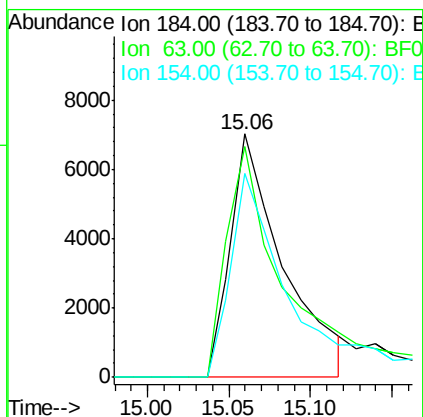
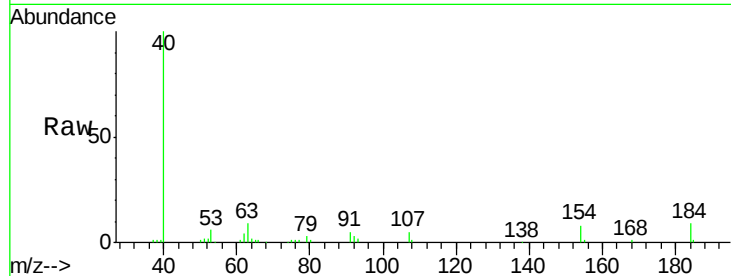




#53
 2,4-Dinitrophenol
 Concen: 39.90 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

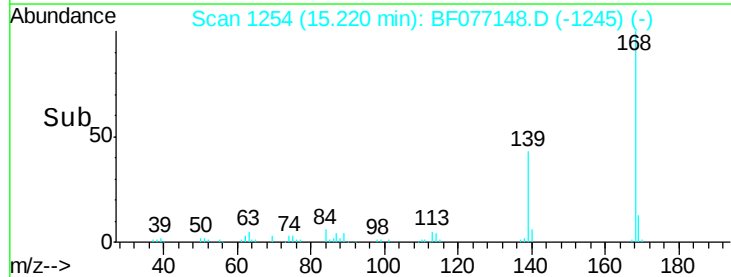
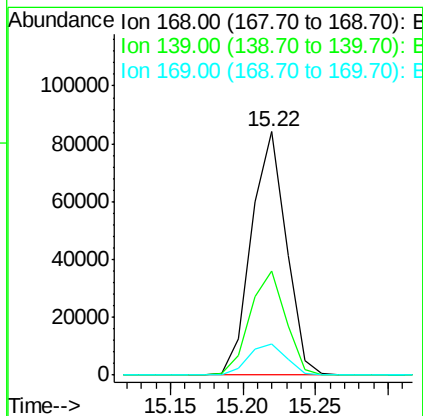
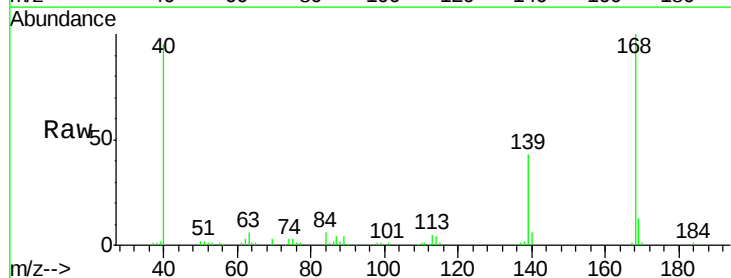
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

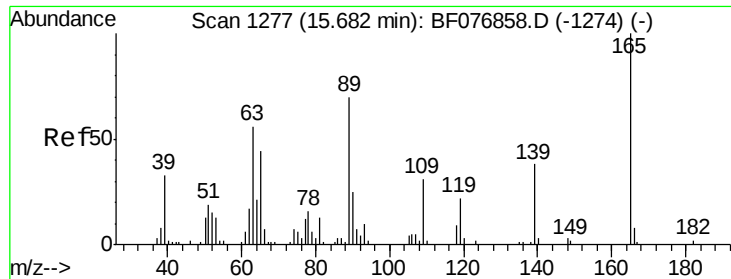
Tgt Ion:184 Resp: 15766
 Ion Ratio Lower Upper
 184 100
 63 95.0 63.0 94.6#
 154 83.6 65.5 98.3



#54
 Dibenzofuran
 Concen: 22.95 ng
 RT: 15.22 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:168 Resp: 140274
 Ion Ratio Lower Upper
 168 100
 139 42.5 33.4 50.2
 169 12.9 10.6 15.8

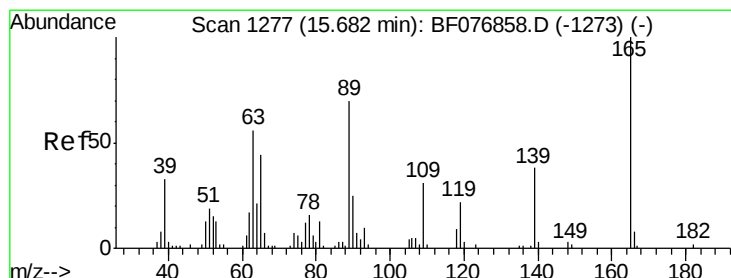
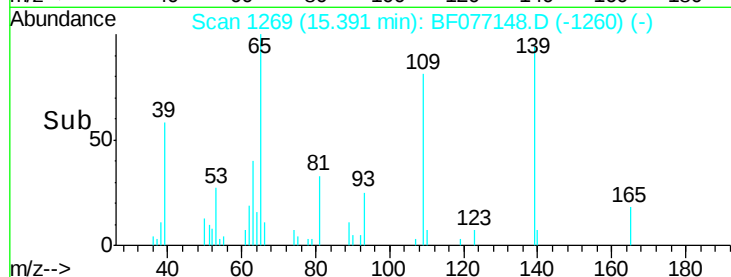
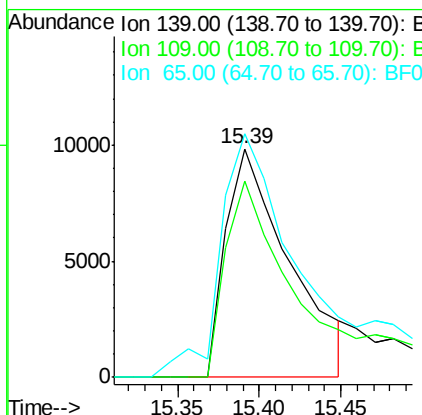
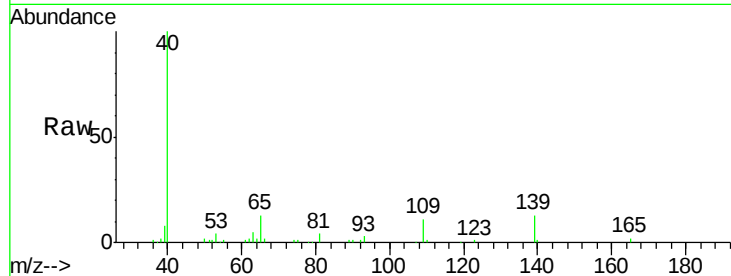




#55
4-Nitrophenol
Concen: 33.29 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

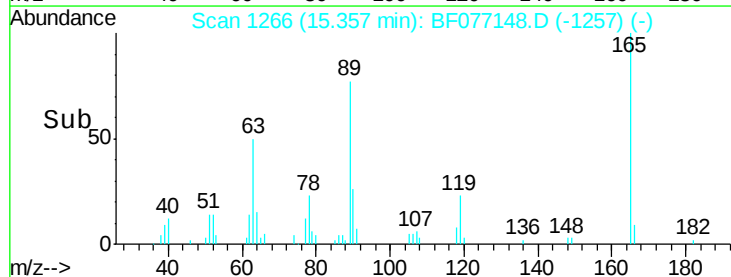
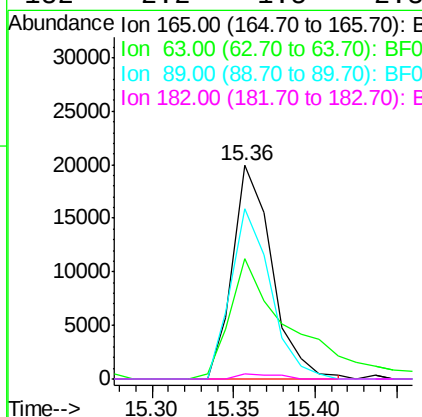
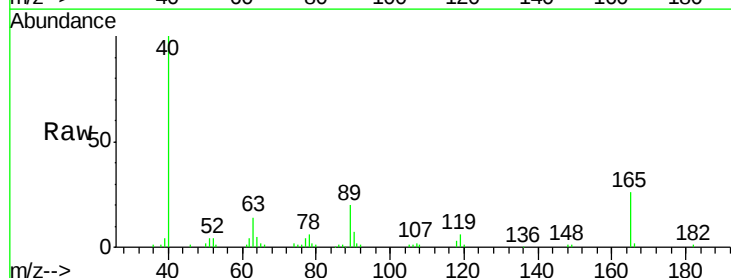
Instrument :
BNA_F
ClientSampled :
PB81569BS

Tgt Ion:139 Resp: 26597
Ion Ratio Lower Upper
139 100
109 86.1 61.0 101.0
65 106.6 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 23.09 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:165 Resp: 33504
Ion Ratio Lower Upper
165 100
63 56.4 44.8 67.2
89 79.5 56.2 84.2
182 2.2 1.5 2.3

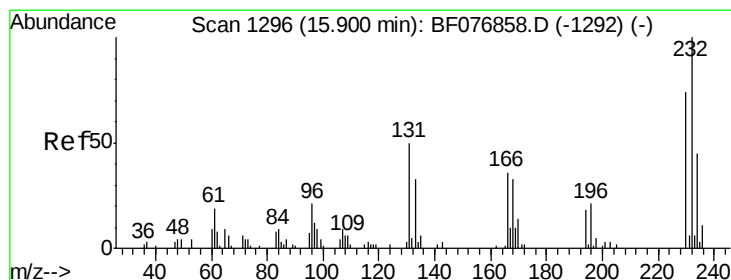
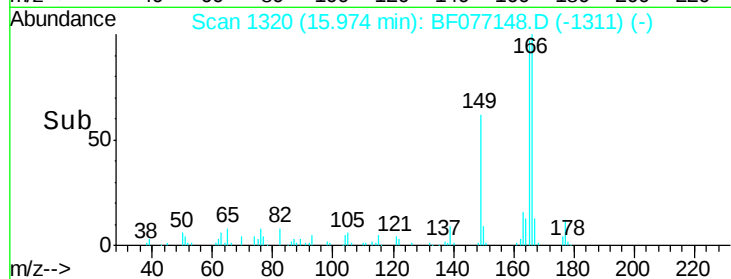
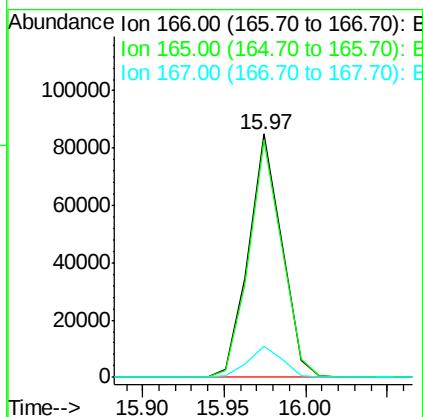
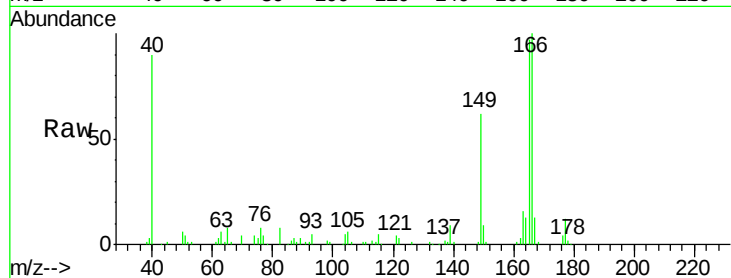




#57
Fluorene
 Concen: 23.28 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

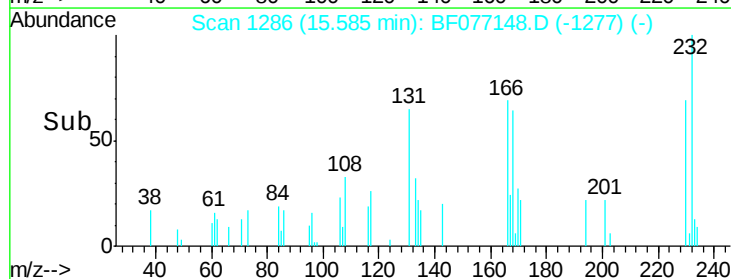
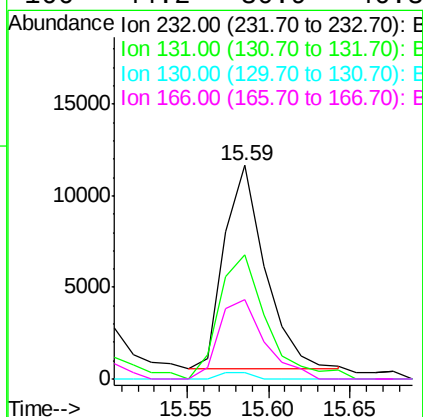
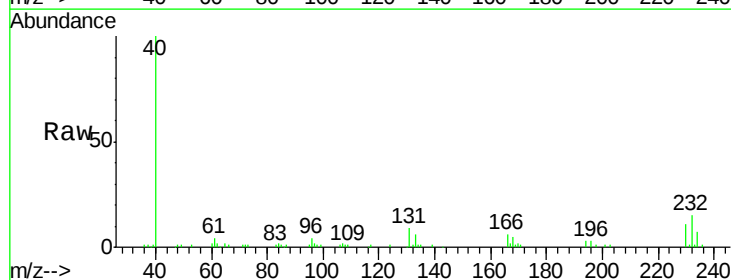
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

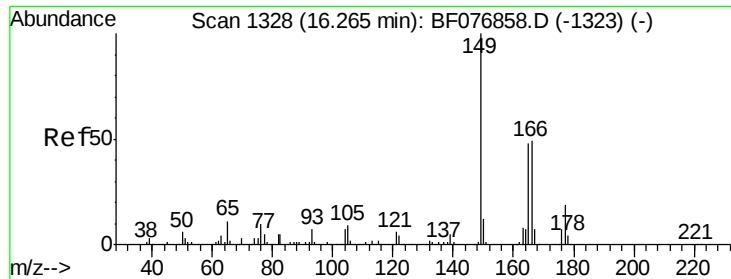
Tgt Ion:166 Resp: 120545
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.5 117.7
 167 12.8 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 19.92 ng
 RT: 15.59 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:232 Resp: 19150
 Ion Ratio Lower Upper
 232 100
 131 70.5 45.0 67.6#
 130 2.5 2.6 3.8#
 166 44.2 30.9 46.3

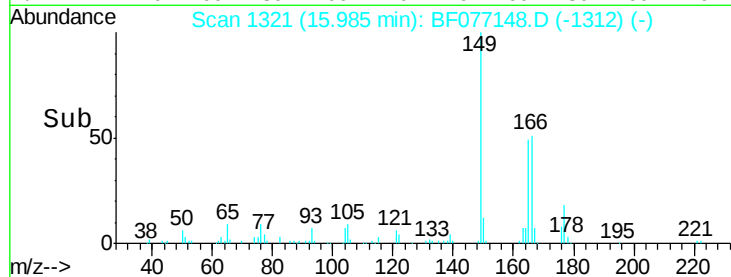
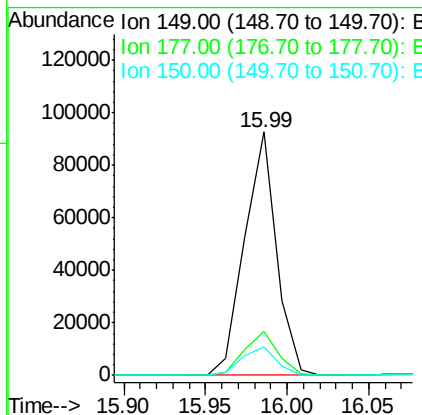
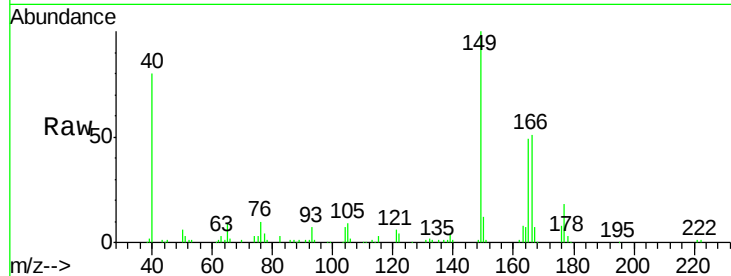




#59
Diethylphthalate
Concen: 24.35 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

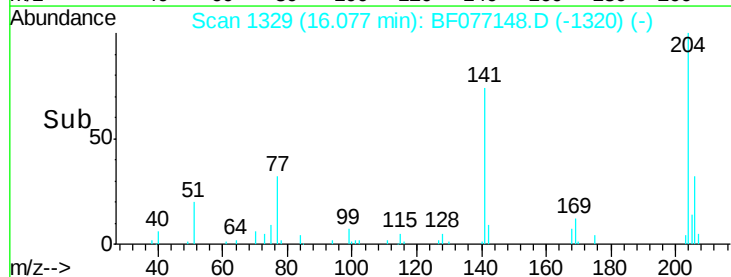
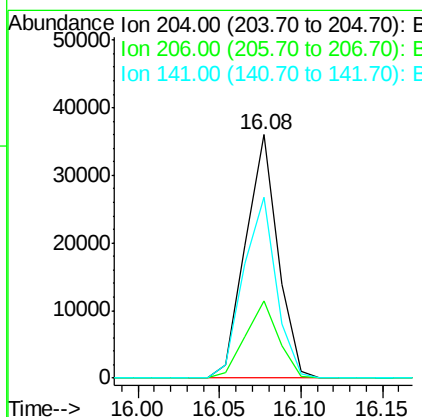
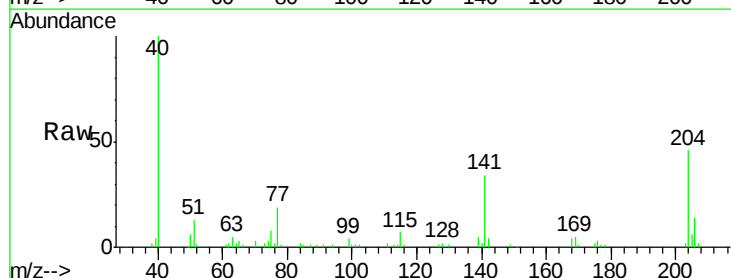
Instrument :
BNA_F
ClientSampleId :
PB81569BS

Tgt Ion:149 Resp: 125449
Ion Ratio Lower Upper
149 100
177 18.3 15.0 22.6
150 11.8 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 23.46 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:204 Resp: 49702
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 74.4 66.7 100.1





#61

4-Nitroaniline

Concen: 19.70 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

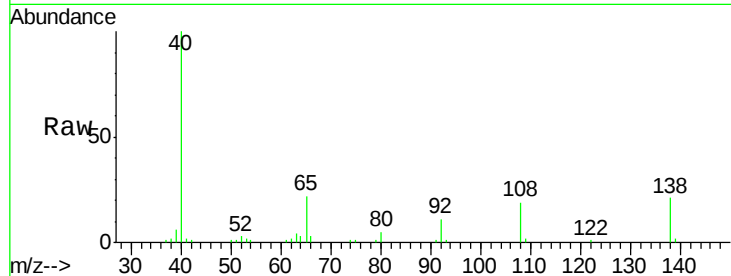
Tgt Ion:138 Resp: 24181

Ion Ratio Lower Upper

138 100

92 51.0 26.7 66.7

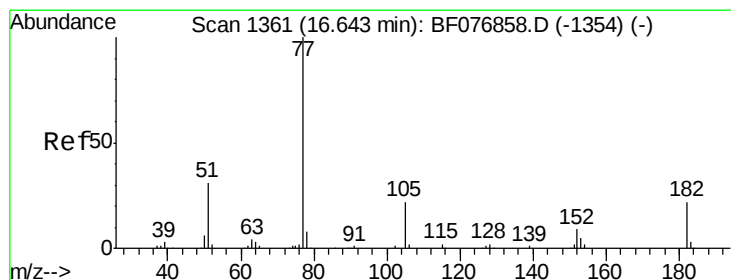
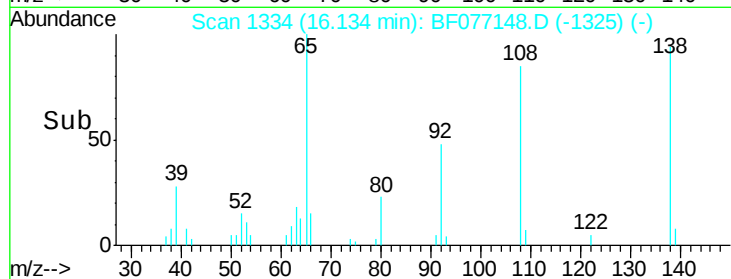
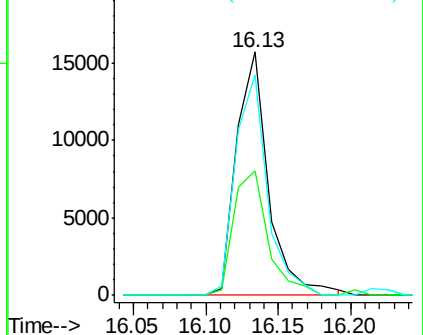
108 90.7 64.5 104.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.41 ng

RT: 16.36 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Tgt Ion: 77 Resp: 125674

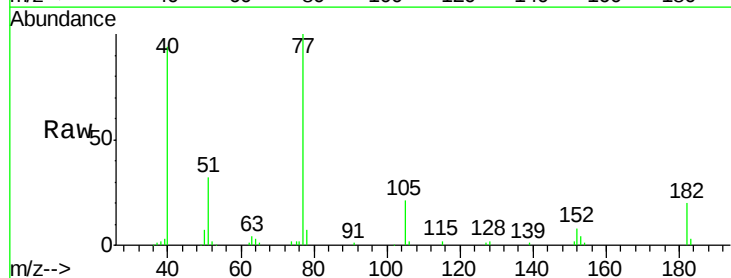
Ion Ratio Lower Upper

77 100

182 19.9 2.0 42.0

105 21.2 2.3 42.3

51 31.5 10.7 50.7

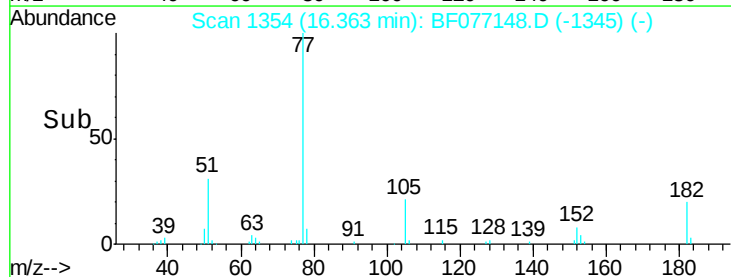
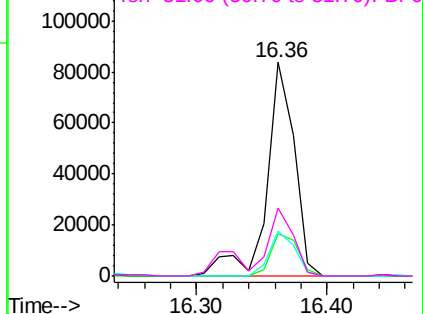


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

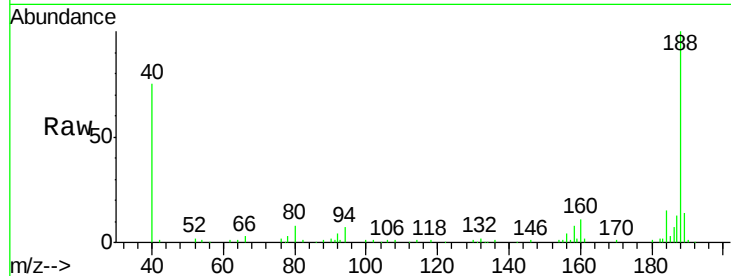




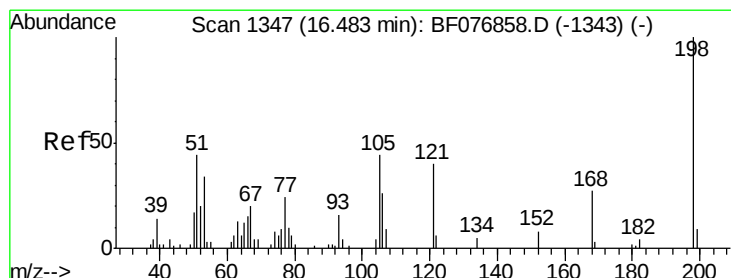
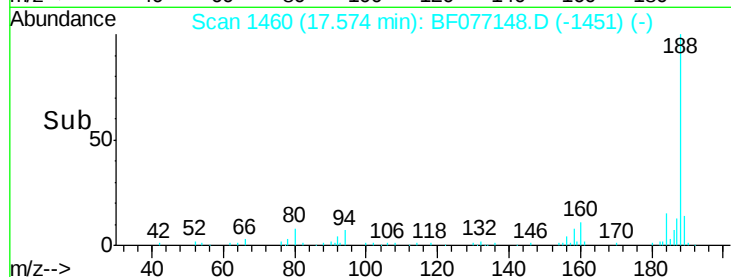
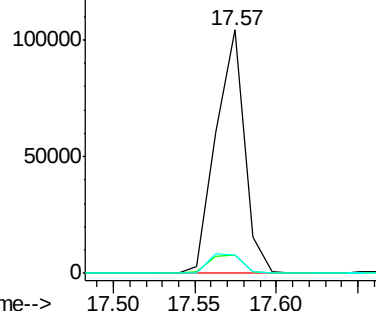
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:188 Resp: 125952
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.0 9.0
 80 7.7 6.9 10.3

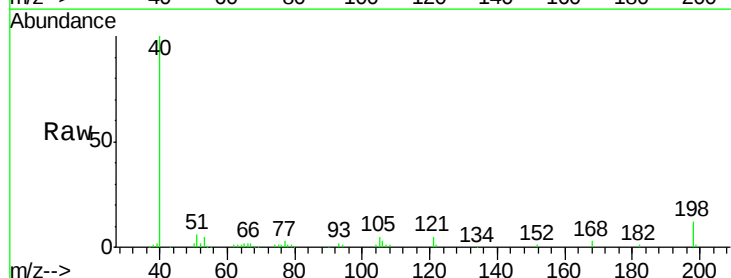


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

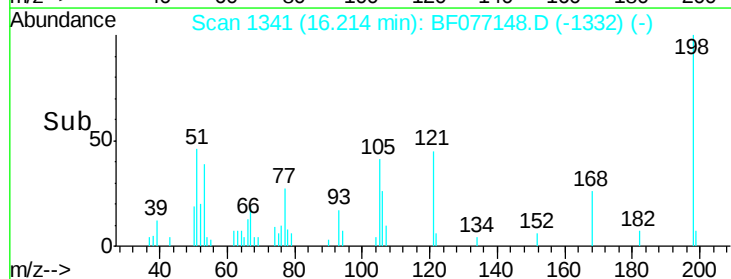
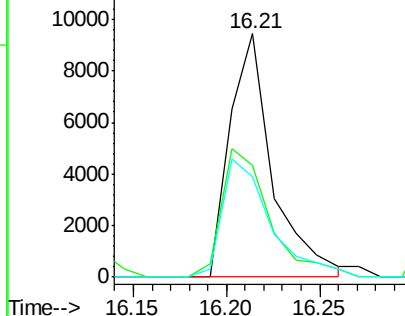


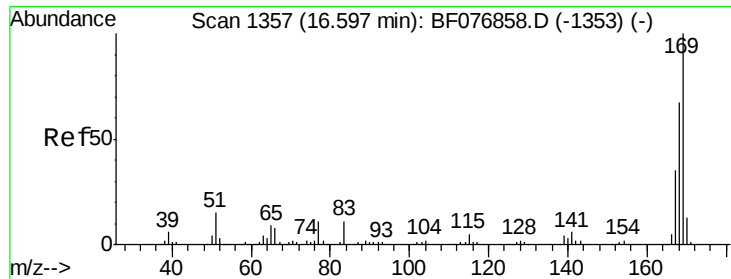
#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.64 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:198 Resp: 15072
 Ion Ratio Lower Upper
 198 100
 51 45.7 24.2 64.2
 105 41.3 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

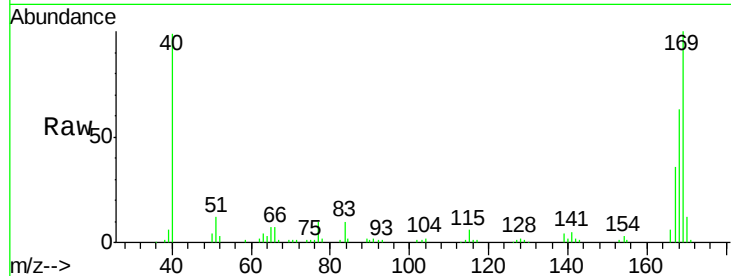




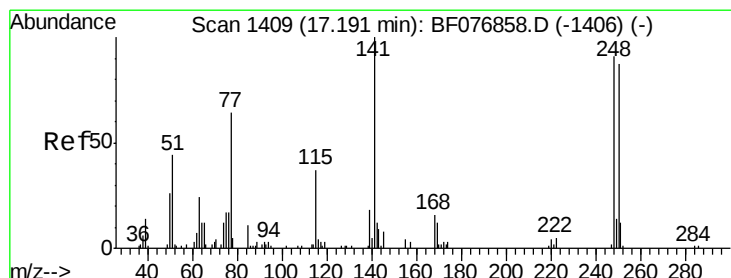
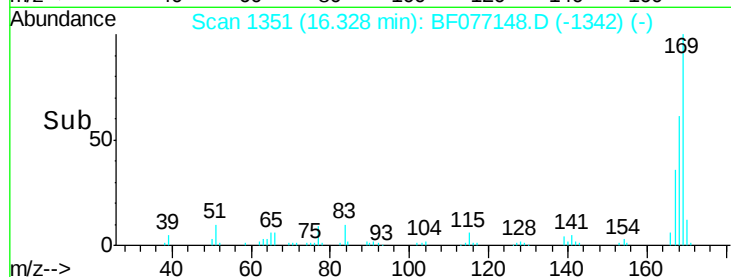
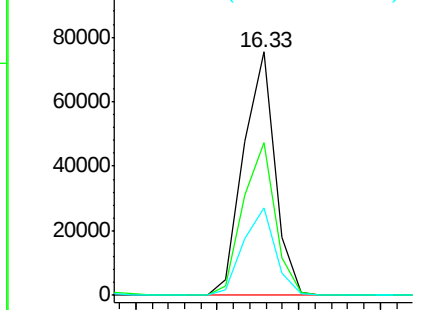
#65
 n-Nitrosodiphenylamine
 Concen: 22.45 ng
 RT: 16.33 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:169 Resp: 100804
 Ion Ratio Lower Upper
 169 100
 168 62.8 53.8 80.6
 167 35.8 27.8 41.6

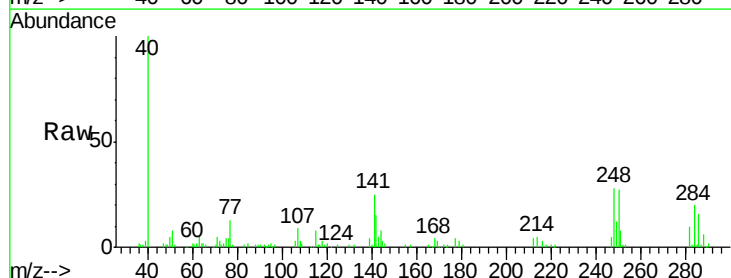


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

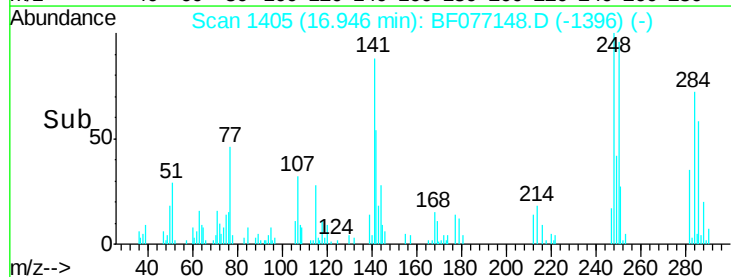
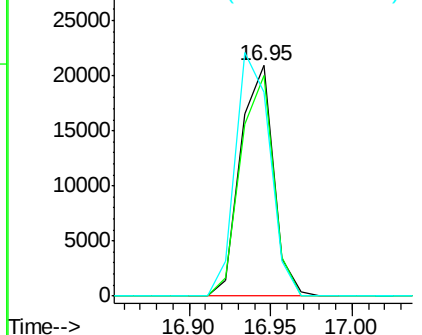


#66
 4-Bromophenyl-phenylether
 Concen: 22.84 ng
 RT: 16.95 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:248 Resp: 29148
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 88.4 88.2 132.4



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

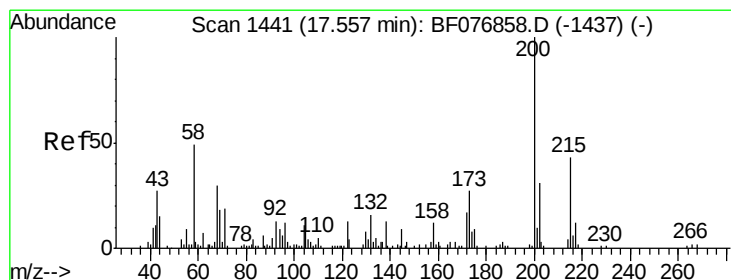
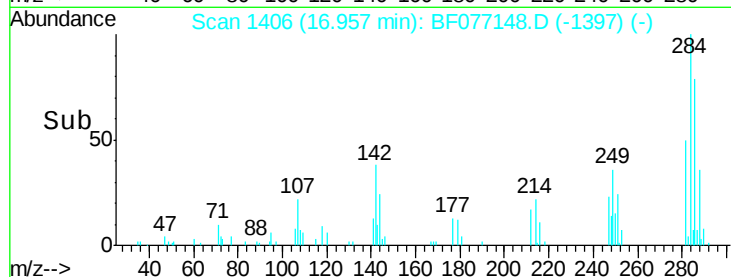
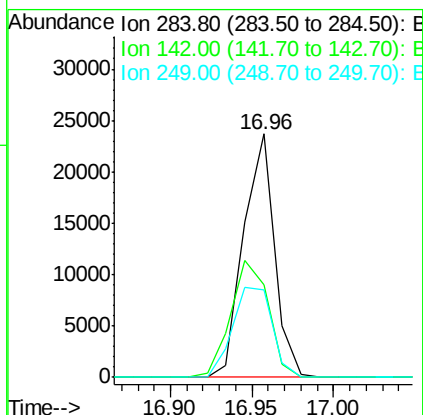
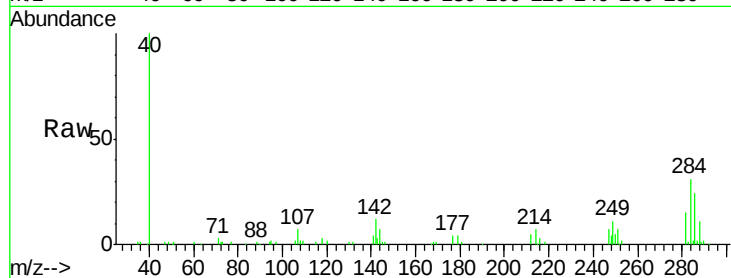




#67
Hexachlorobenzene
Concen: 23.12 ng
RT: 16.96 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

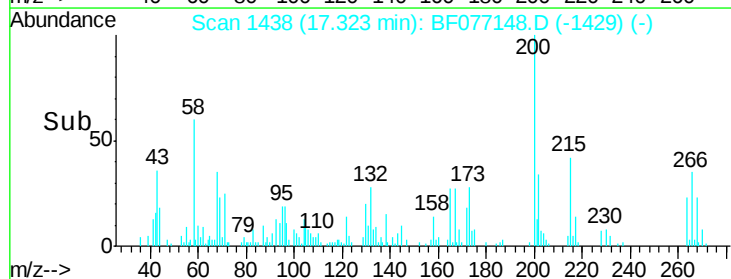
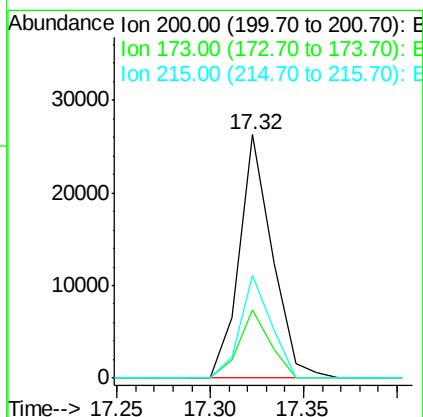
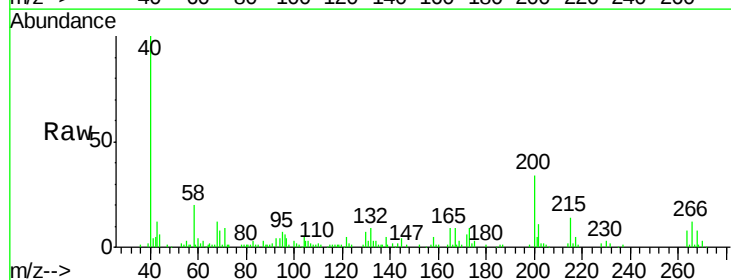
Instrument :
BNA_F
ClientSampleId :
PB81569BS

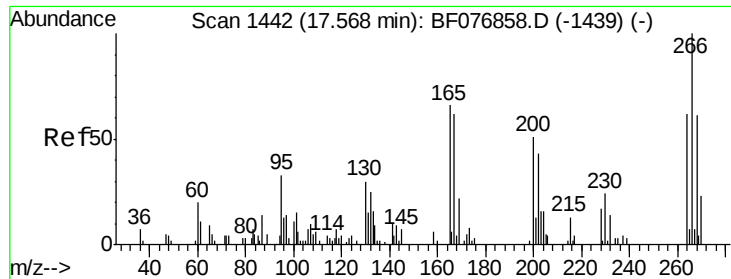
Tgt Ion: 284 Resp: 31085
Ion Ratio Lower Upper
284 100
142 38.2 38.2 57.4#
249 36.0 28.2 42.2



#68
Atrazine
Concen: 23.73 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion: 200 Resp: 32340
Ion Ratio Lower Upper
200 100
173 27.8 6.6 46.6
215 42.1 22.9 62.9

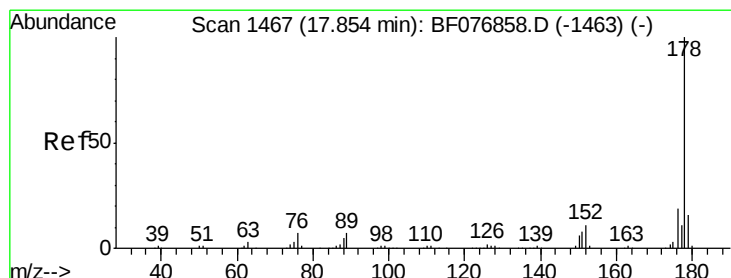
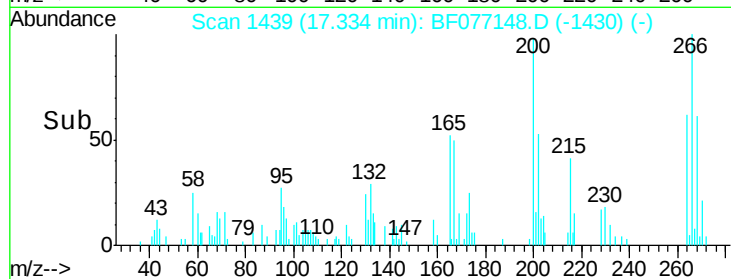
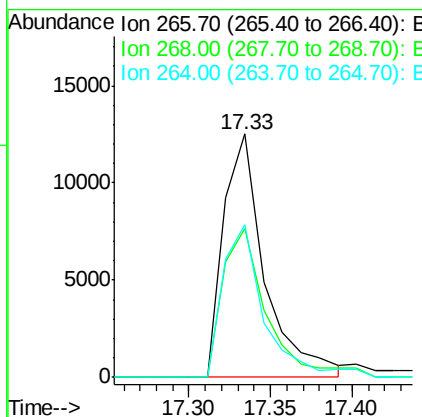
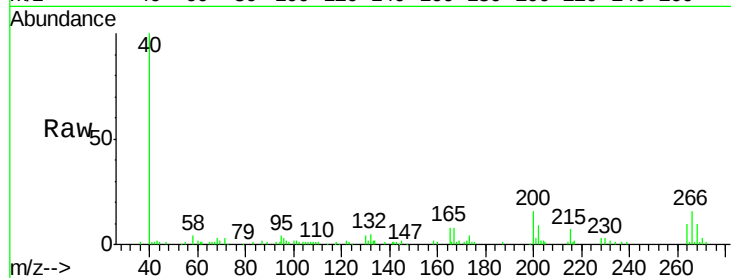




#69
 Pentachlorophenol
 Concen: 39.24 ng
 RT: 17.33 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

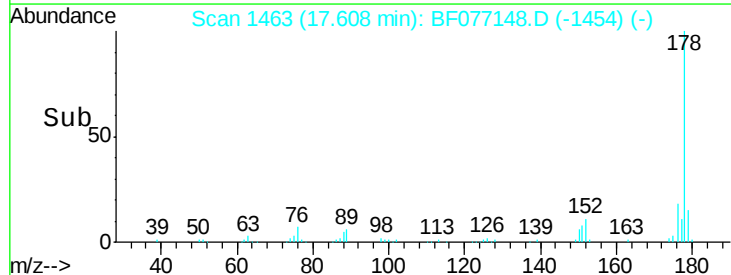
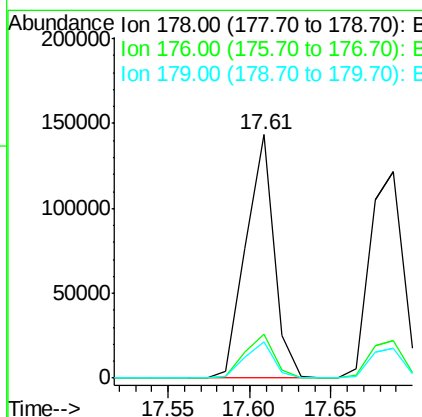
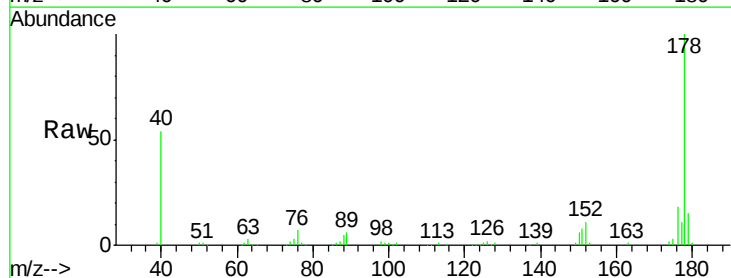
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

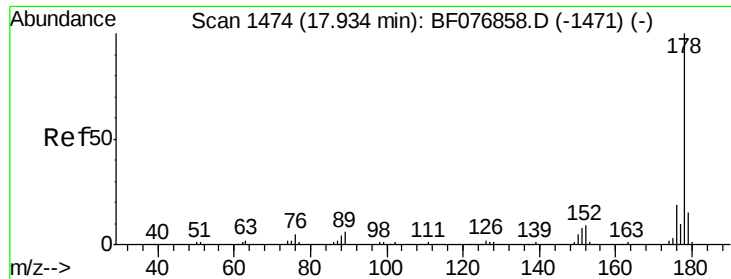
Tgt Ion: 266 Resp: 21827
 Ion Ratio Lower Upper
 266 100
 268 61.4 48.6 72.8
 264 62.5 49.5 74.3



#70
 Phenanthrene
 Concen: 21.84 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion: 178 Resp: 171567
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.1 12.7 19.1

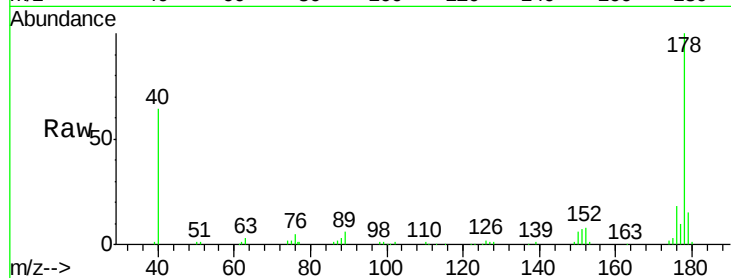




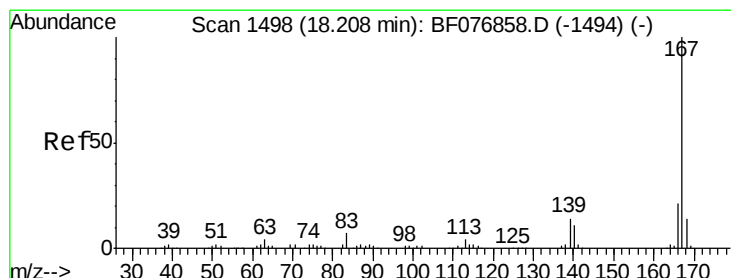
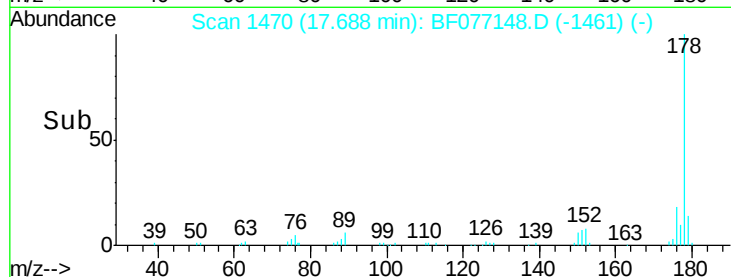
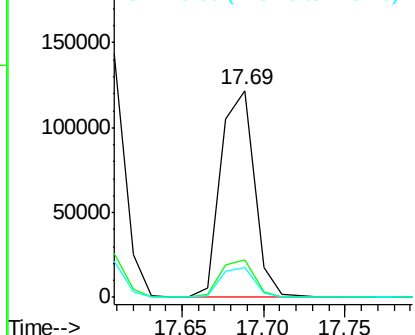
#71
 Anthracene
 Concen: 22.63 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion:178 Resp: 173351
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.0
 179 14.5 11.9 17.9

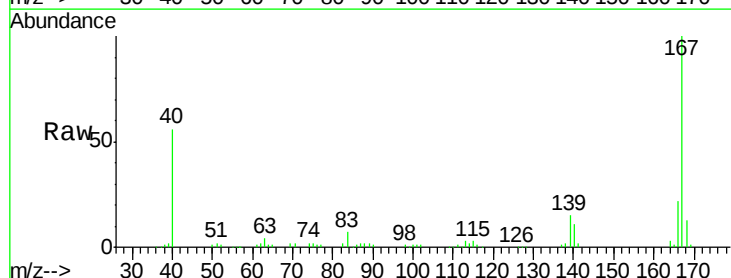


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

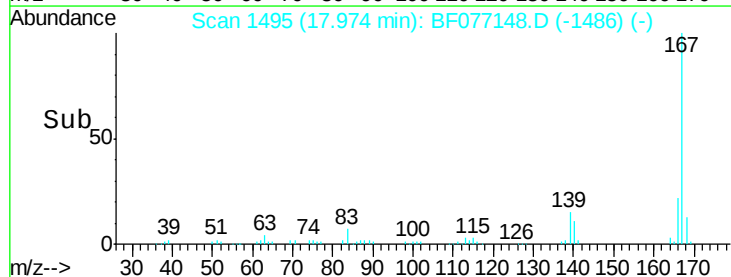
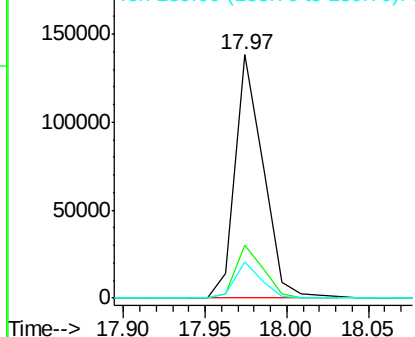


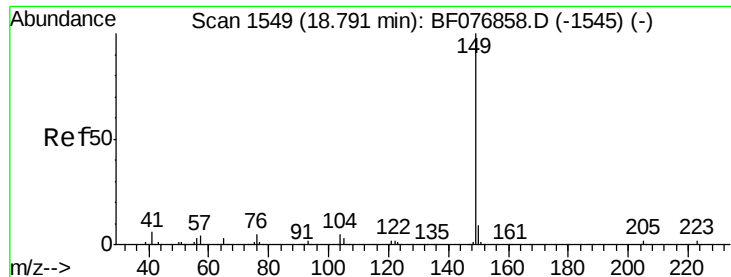
#72
 Carbazole
 Concen: 21.99 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:167 Resp: 163377
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 14.8 11.3 16.9



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

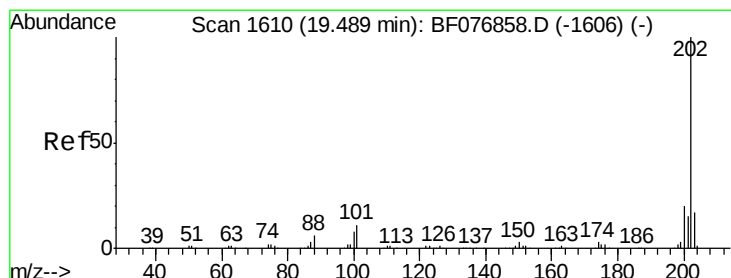
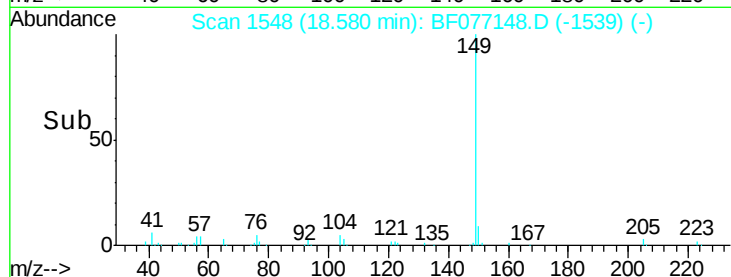
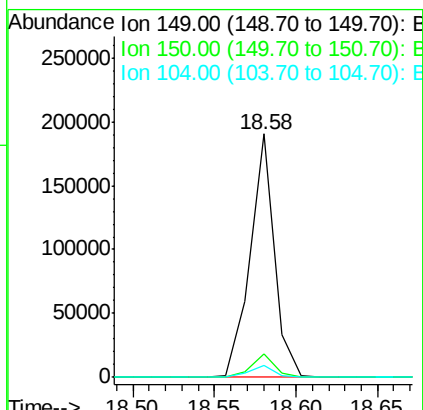
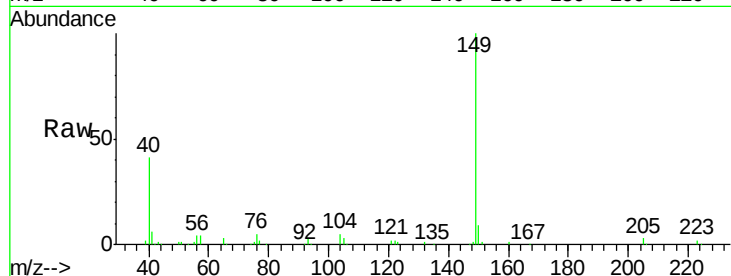




#73
Di-n-butylphthalate
Concen: 22.80 ng
RT: 18.58 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

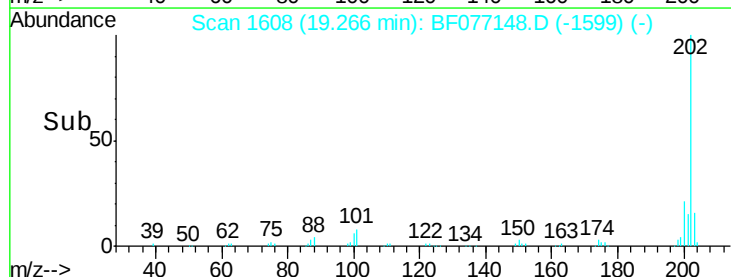
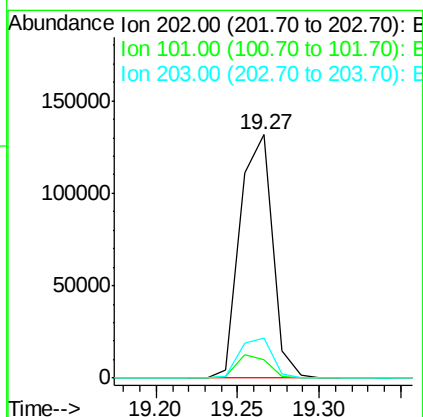
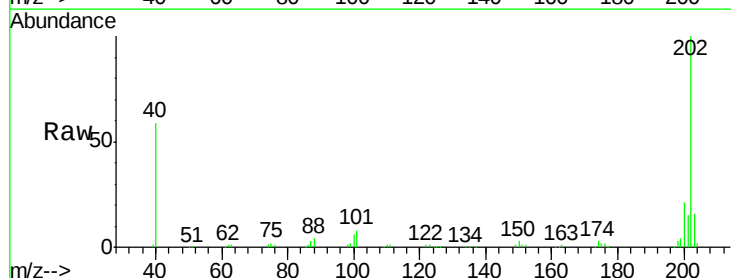
Instrument :
BNA_F
ClientSampleId :
PB81569BS

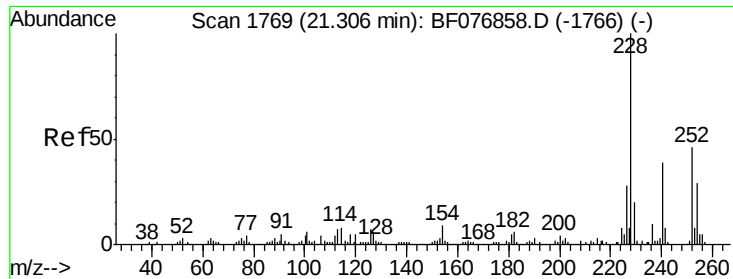
Tgt Ion:149 Resp: 196027
Ion Ratio Lower Upper
149 100
150 9.4 6.9 10.3
104 5.0 3.7 5.5



#74
Fluoranthene
Concen: 22.43 ng
RT: 19.27 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:202 Resp: 180565
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.7
203 16.3 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.14 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

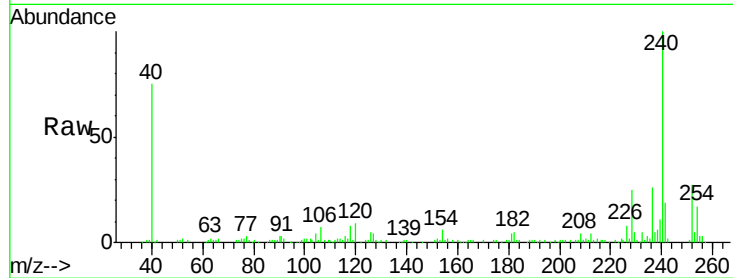
Tgt Ion:240 Resp: 124796

Ion Ratio Lower Upper

240 100

120 8.9 10.4 15.6#

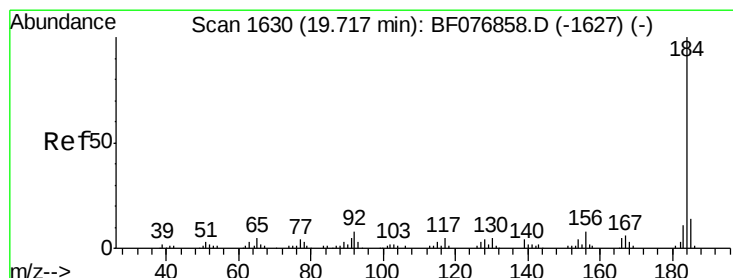
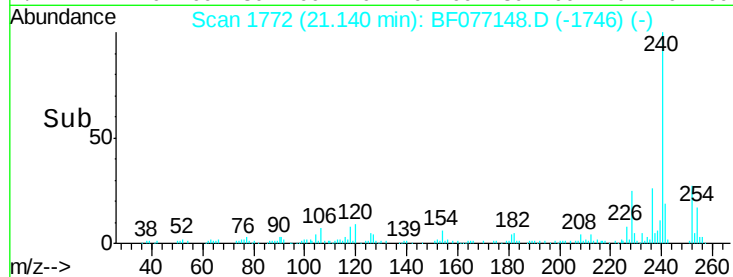
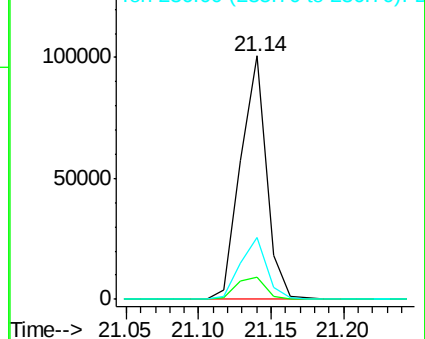
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.78 ng

RT: 19.51 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

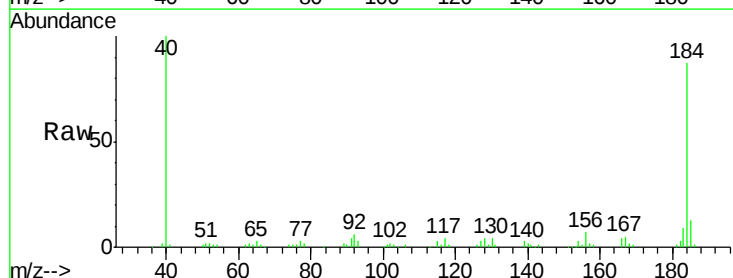
Tgt Ion:184 Resp: 82996

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

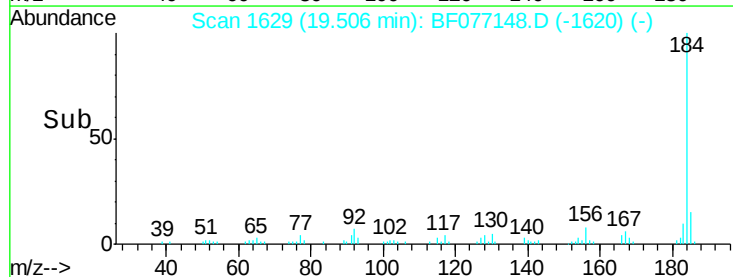
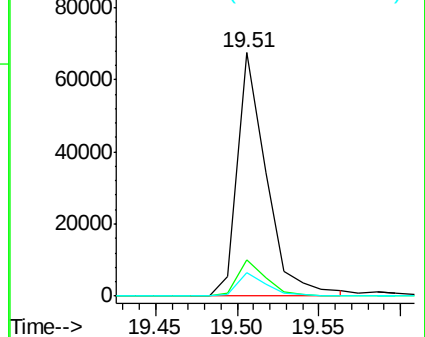
183 9.9 9.0 13.6

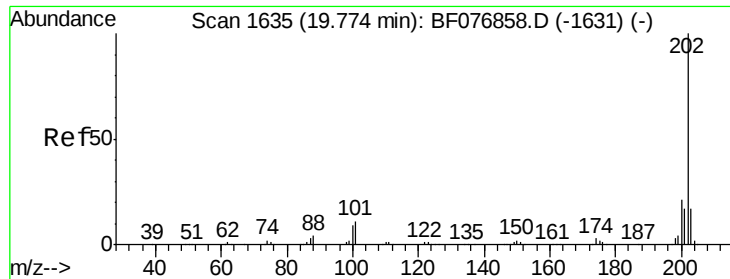


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

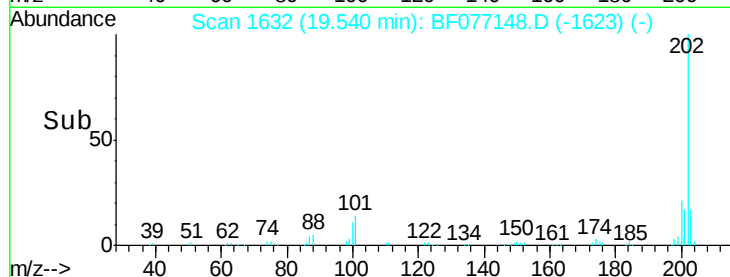
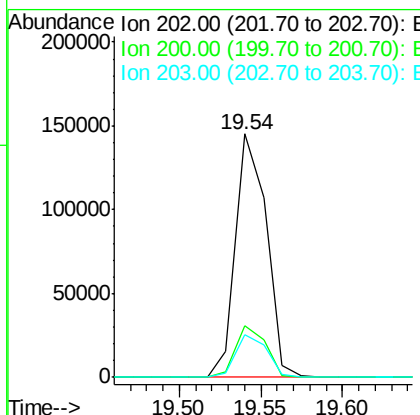
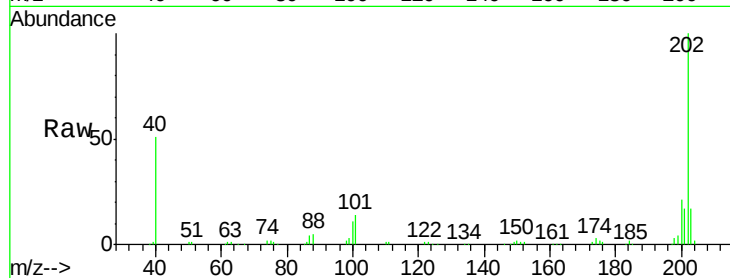




#77
 Pyrene
 Concen: 22.17 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

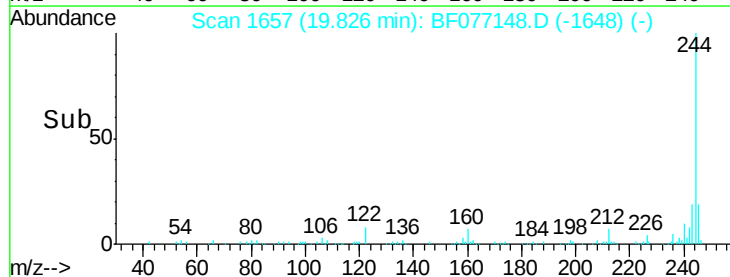
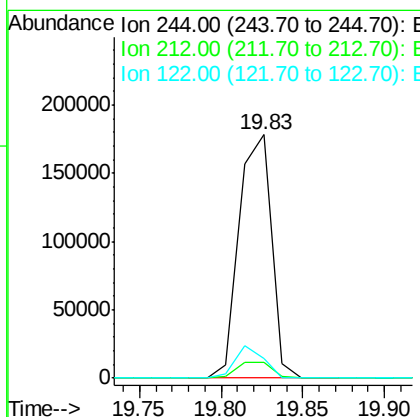
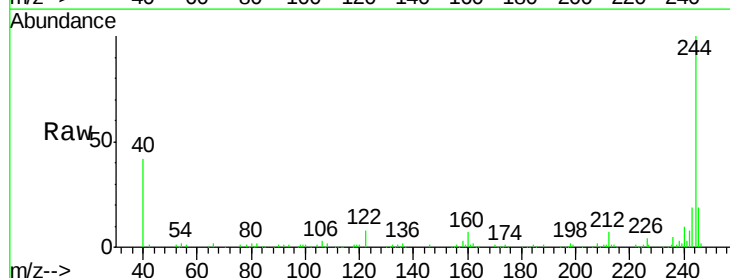
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	14.0	21.0



#78
 Terphenyl-d14
 Concen: 45.17 ng
 RT: 19.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.3	9.5
122	8.0	10.1	15.1#

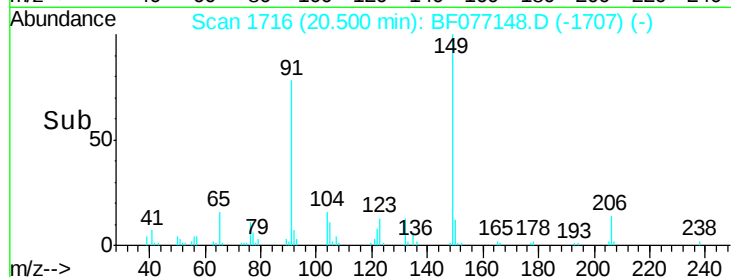
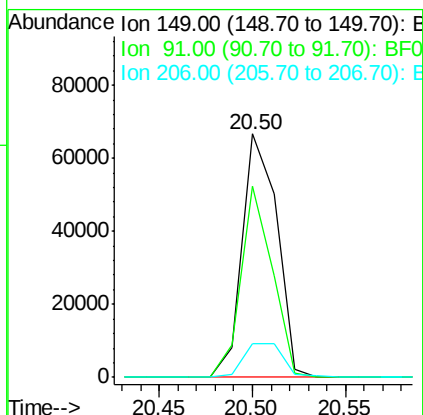
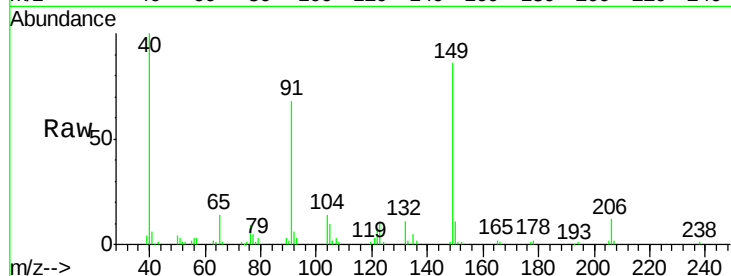




#79
Butylbenzylphthalate
Concen: 22.57 ng
RT: 20.50 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

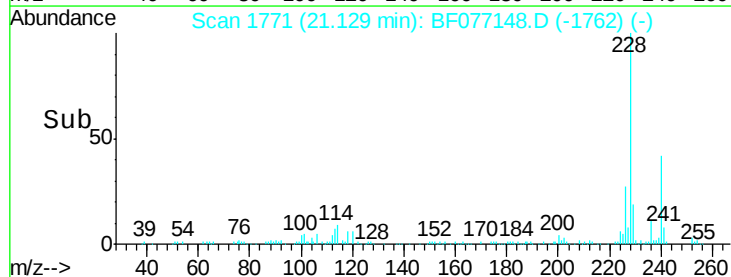
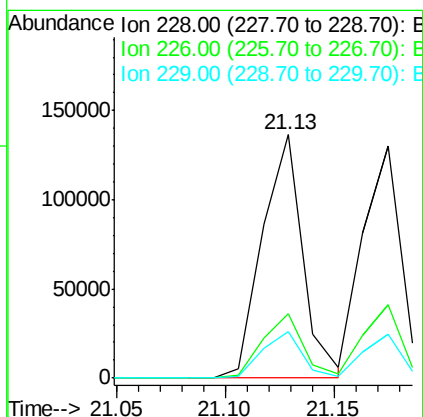
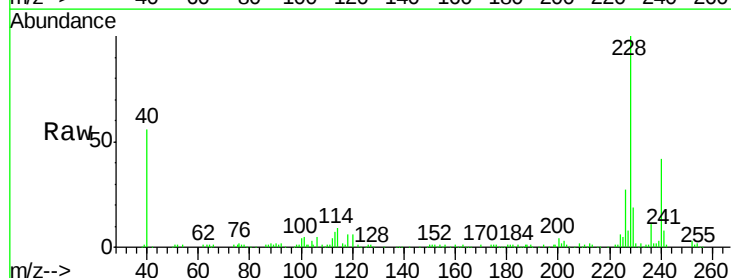
Instrument :
BNA_F
ClientSampleId :
PB81569BS

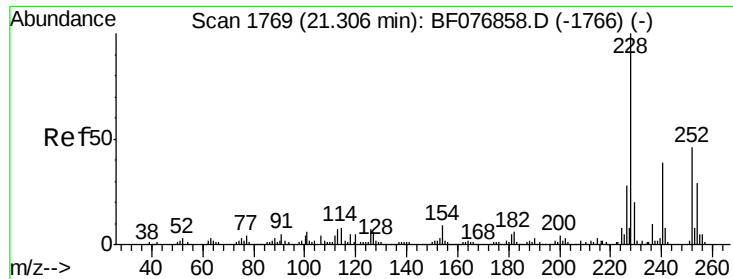
Tgt Ion:149 Resp: 87409
Ion Ratio Lower Upper
149 100
91 78.4 50.6 76.0#
206 13.9 12.8 19.2



#80
Benzo(a)anthracene
Concen: 22.72 ng
RT: 21.13 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:228 Resp: 177862
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.1 15.5 23.3

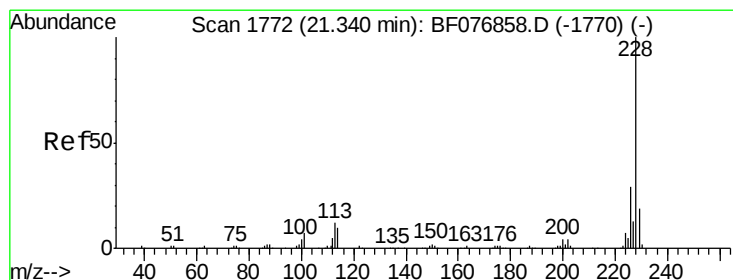
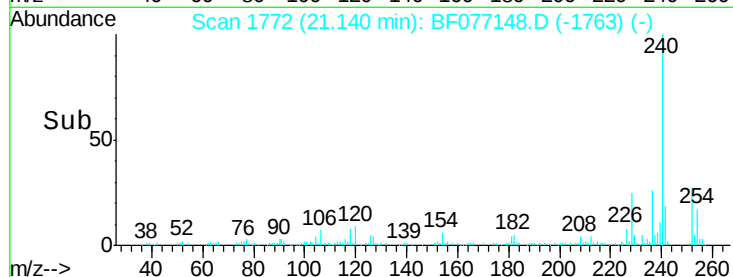
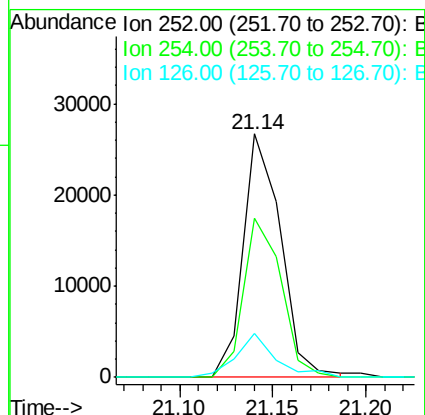
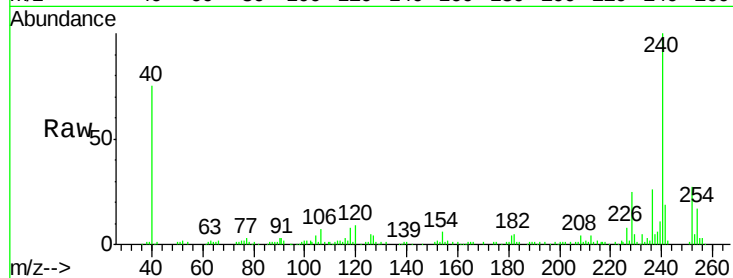




#81
 3,3'-Dichlorobenzidine
 Concen: 14.99 ng
 RT: 21.14 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

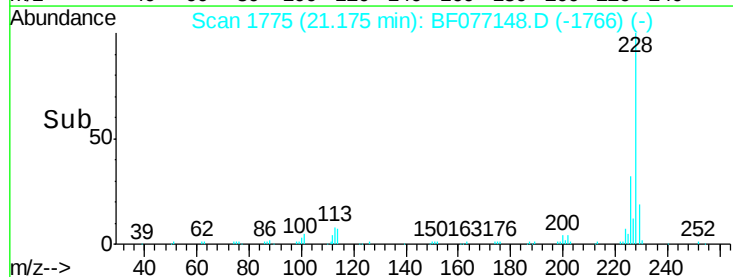
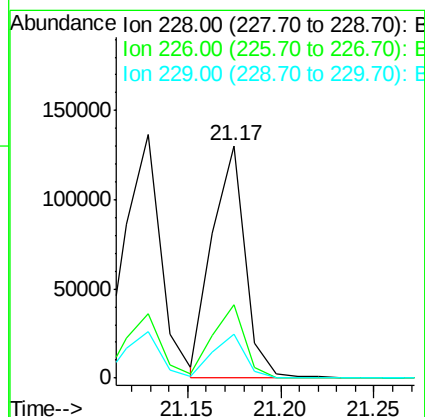
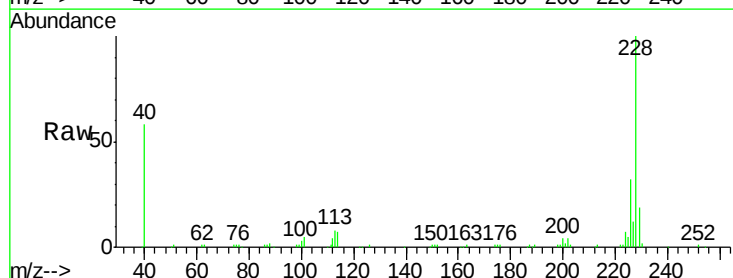
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

Tgt Ion: 252 Resp: 37311
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.2 75.4
 126 17.8 11.5 17.3#



#82
 Chrysene
 Concen: 22.46 ng
 RT: 21.17 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion: 228 Resp: 160399
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.4 35.0
 229 18.9 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.28 ng

RT: 21.31 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

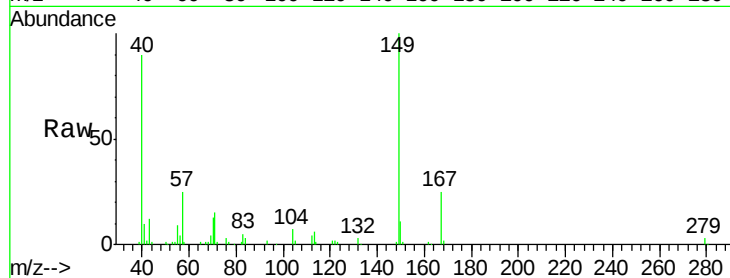
Tgt Ion:149 Resp: 124761

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

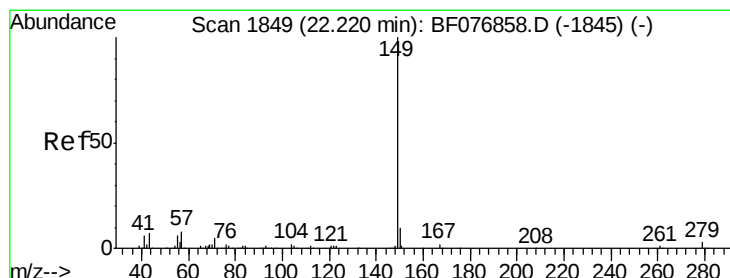
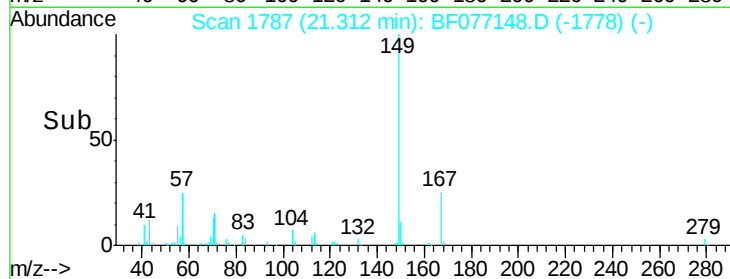
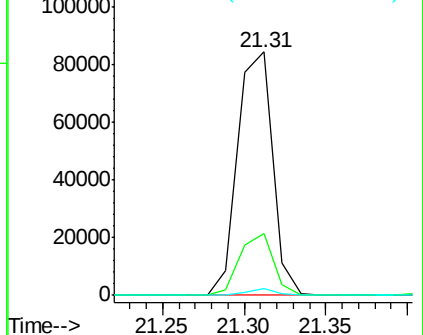
279 2.9 2.2 3.2



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: 23.59 ng m

RT: 22.19 min Scan# 1864

Delta R.T. 0.20 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

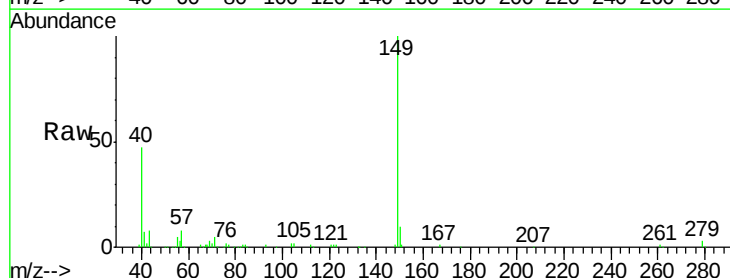
Tgt Ion:149 Resp: 219400

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

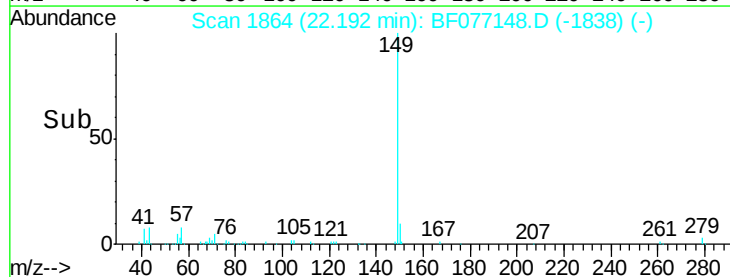
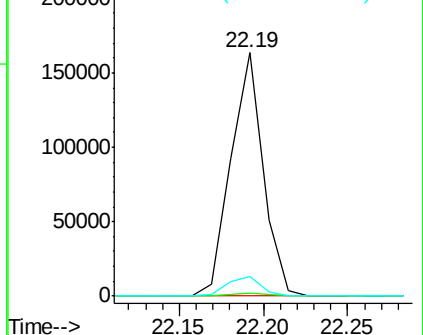
43 0.0 6.6 10.0#

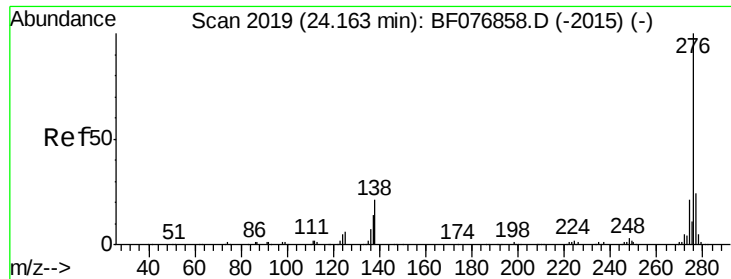


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

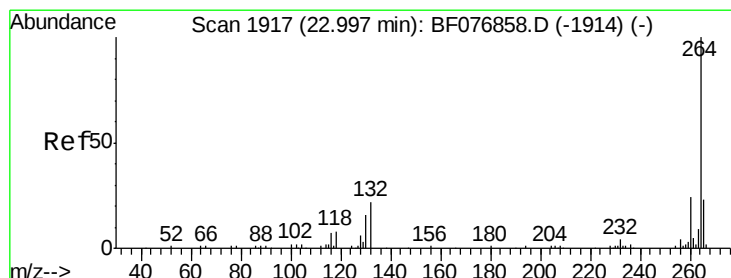
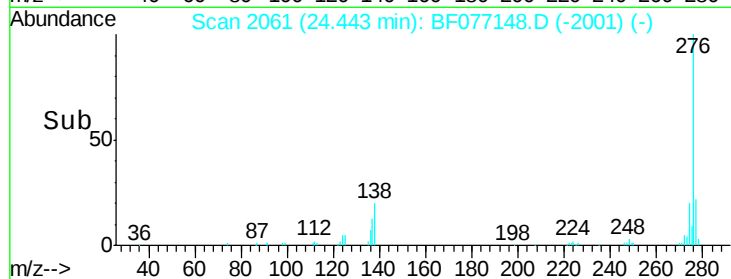
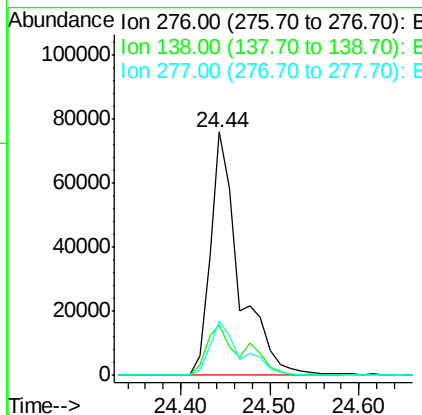
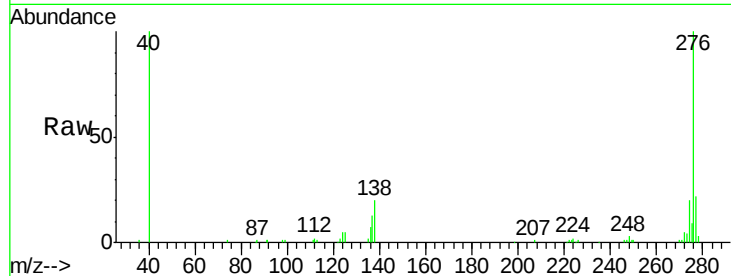




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.11 ng m
 RT: 24.44 min Scan# 2061
 Delta R.T. 0.59 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

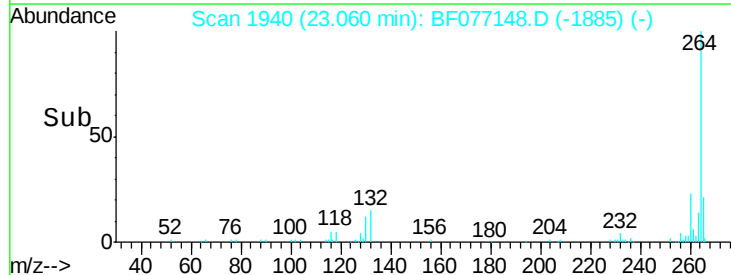
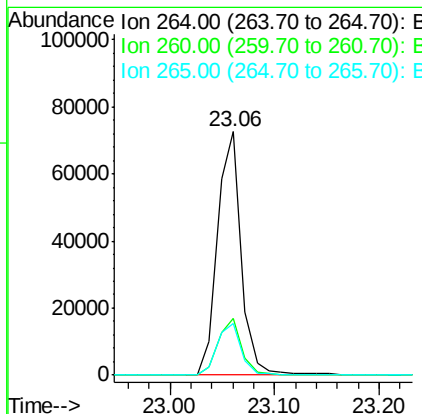
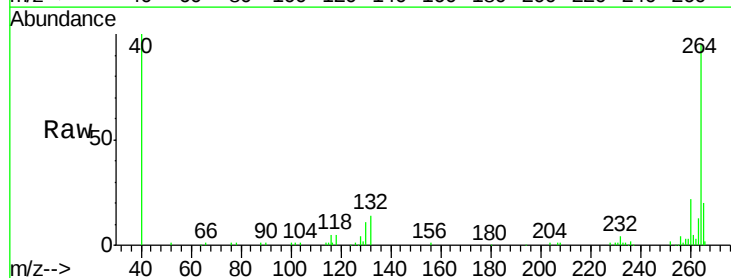
Instrument :
 BNA_F
 ClientSampleId :
 PB81569BS

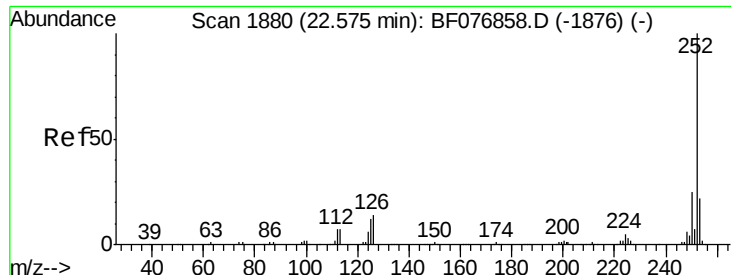
Tgt Ion: 276 Resp: 174877
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.6 22.0#
 277 0.0 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 23.06 min Scan# 1940
 Delta R.T. 0.33 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion: 264 Resp: 115284
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.4 18.1 27.1





#87

Benzo(b)fluoranthene

Concen: 23.91 ng m

RT: 22.56 min Scan# 1896

Delta R.T. 0.23 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

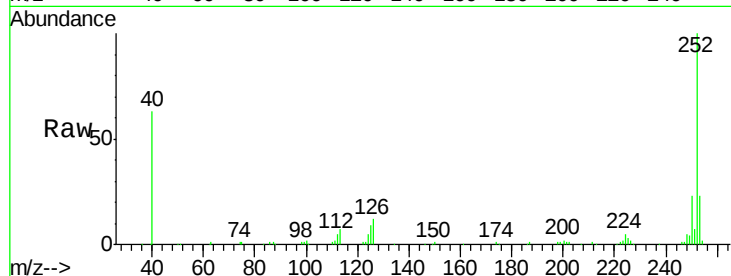
Tgt Ion:252 Resp: 185682

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

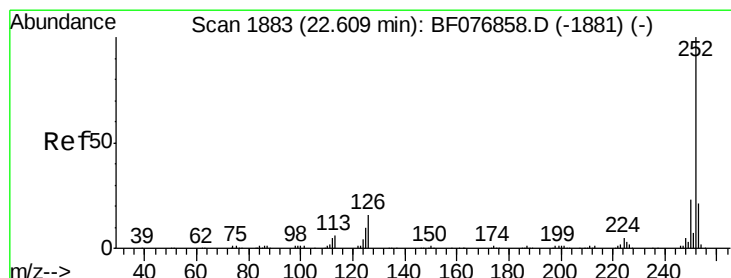
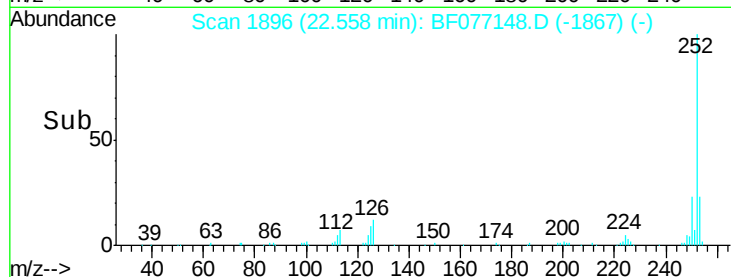
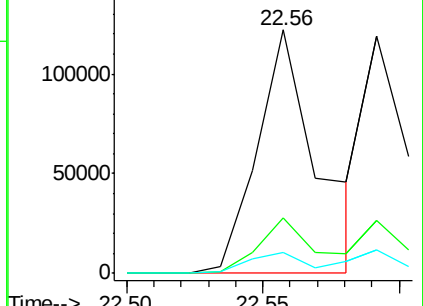
125 8.7 9.4 14.0#



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: 19.42 ng m

RT: 22.59 min Scan# 1899

Delta R.T. 0.25 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

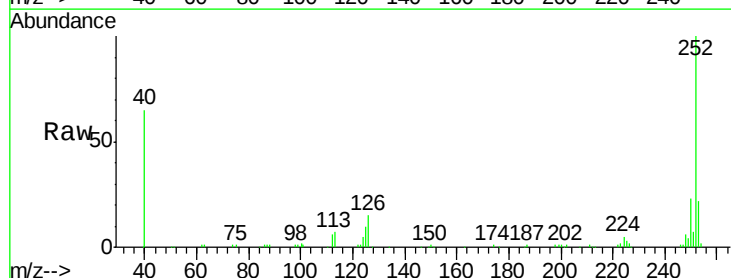
Tgt Ion:252 Resp: 131712

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

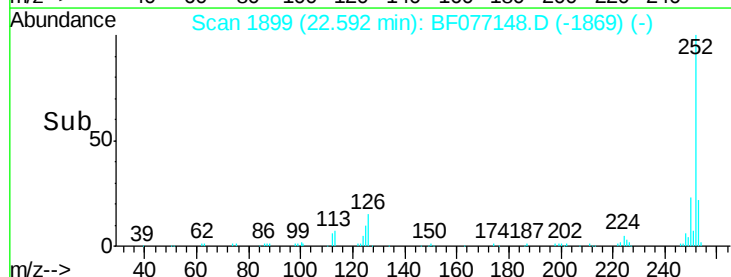
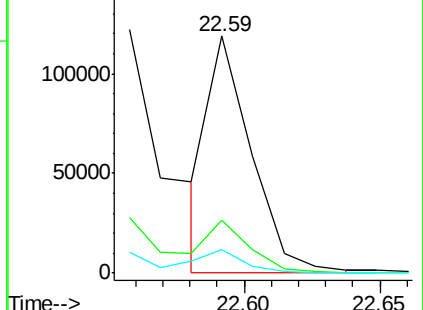
125 9.9 7.1 10.7



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: 22.82 ng m

RT: 22.98 min Scan# 1933

Delta R.T. 0.31 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS

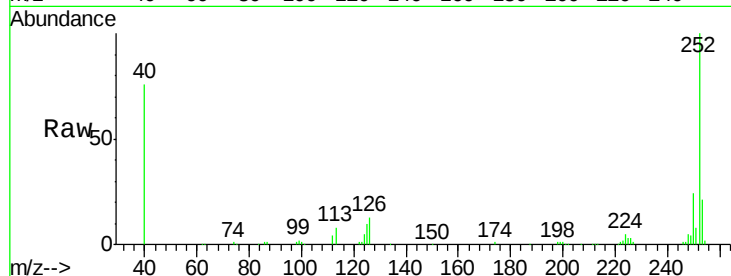
Tgt Ion:252 Resp: 156306

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

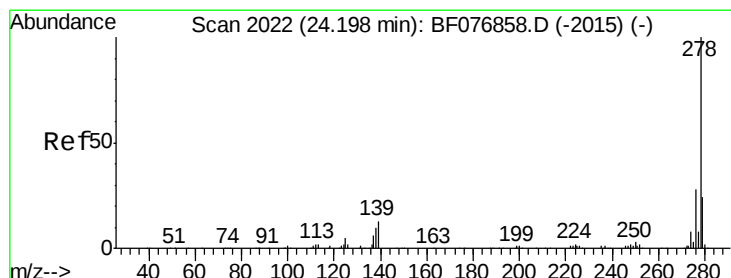
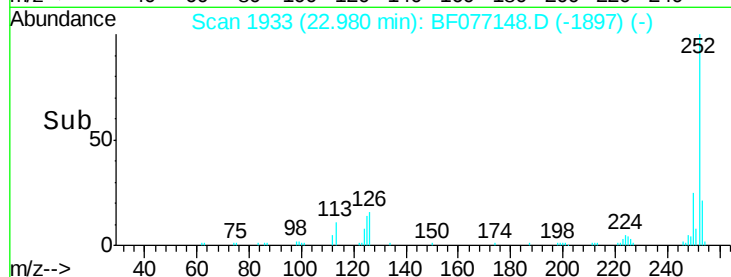
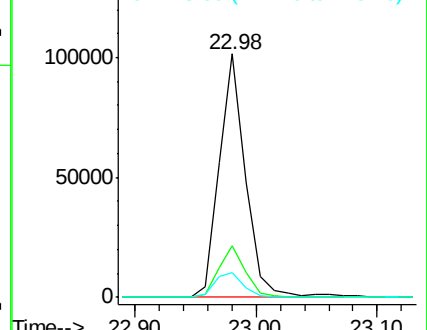
125 10.2 7.2 10.8



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: 22.59 ng m

RT: 24.48 min Scan# 2064

Delta R.T. 0.60 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

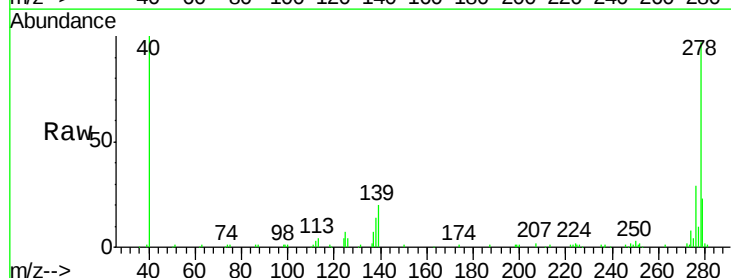
Tgt Ion:278 Resp: 141951

Ion Ratio Lower Upper

278 100

139 20.7 10.5 15.7#

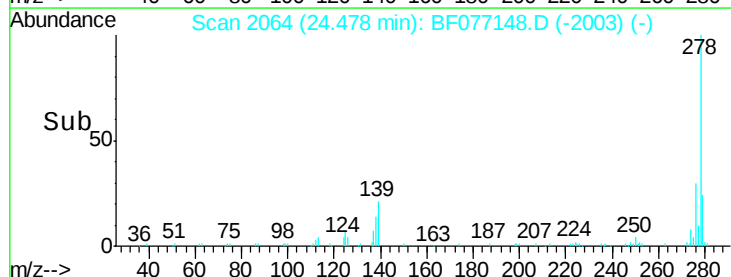
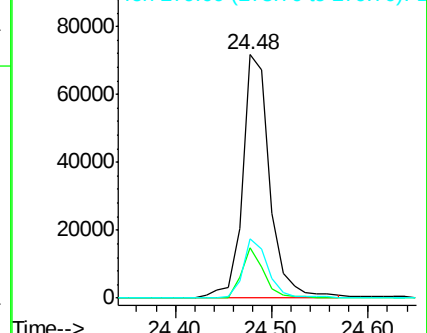
279 24.2 19.3 28.9

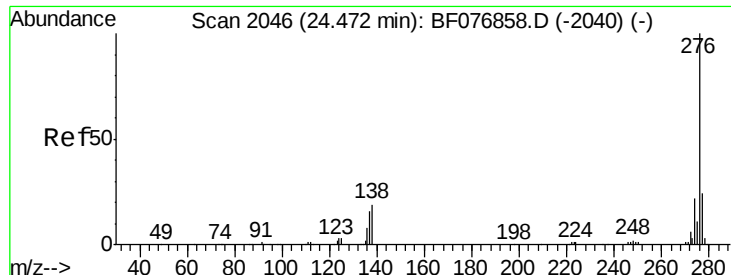


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.05 ng m

RT: 24.77 min Scan# 2090

Delta R.T. 0.66 min

Lab File: BF077148.D

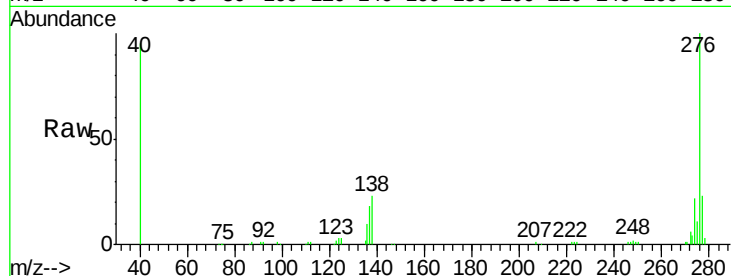
Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81569BS



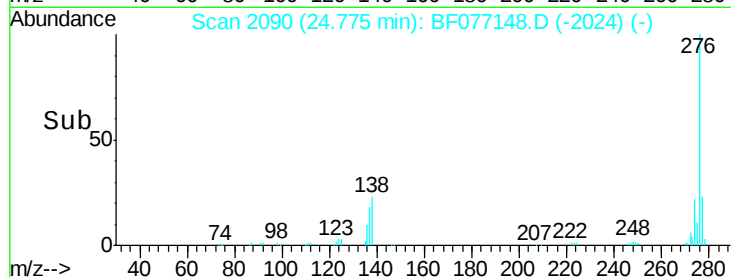
Tgt Ion: 276 Resp: 144020

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 23.2 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

