

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 :

Quant Time: Jan 30 22:31:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 22:20:35 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	0.01
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	-0.03
86) Perylene-d12	23.06	264	115289	20.00	ng	-0.11

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	244105	45.03	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	60043	23.52	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	48330	24.20	ng	# 77
12) 1,3-Dichlorobenzene	7.53	146	59227	23.70	ng	97
13) 1,4-Dichlorobenzene	7.72	146	60459	22.81	ng	93
14) 1,2-Dichlorobenzene	8.03	146	56636	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	43223	24.07	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	51355	21.03	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	45824	24.27	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	59332	23.91	ng	# 97
29) 2,4-Dichlorophenol	10.38	162	36941	20.99	ng	97
30) 1,2,4-Trichlorobenzene	10.51	180	45237	23.14	ng	96
31) Naphthalene	10.64	128	153971	22.52	ng	98
32) Benzoic acid	10.43	122	4695	4.49	ng	88
33) 4-Chloroaniline	10.90	127	37560	13.60	ng	99
34) Hexachlorobutadiene	11.01	225	25824	22.27	ng	95
35) Caprolactam	11.73	113	9278	17.91	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	42540	23.94	ng	97
40) Hexachlorocyclopentadiene	12.68	237	38771	42.79	ng	96

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 ALS Vial : 4 Sample Multiplier: 1

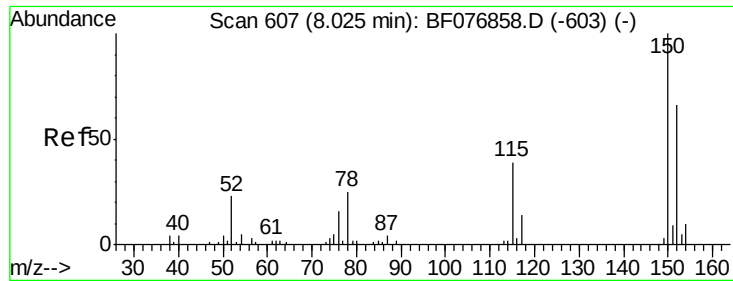
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:31:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 22:20:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.06	196	27902	21.55	nq	95
43) 2,4,5-Trichlorophenol	13.15	196	25138	19.04	nq	# 91
45) 1,1'-Biphenyl	13.45	154	128313	24.08	nq	99
46) 2-Chloronaphthalene	13.43	162	102571	23.39	nq	96
47) 2-Nitroaniline	13.78	65	32450	24.40	nq	91
48) Acenaphthylene	14.36	152	167098	22.59	nq	99
49) Dimethylphthalate	14.33	163	120451	23.63	nq	98
50) 2,6-Dinitrotoluene	14.42	165	23567	23.14	nq	# 83
51) Acenaphthene	14.79	154	93769	22.35	nq	99
52) 3-Nitroaniline	14.77	138	21942	17.69	nq	91
53) 2,4-Dinitrophenol	15.06	184	14939	38.42	nq	# 90
54) Dibenzofuran	15.22	168	140274	22.95	nq	99
55) 4-Nitrophenol	15.39	139	24906	31.17	nq	92
56) 2,4-Dinitrotoluene	15.36	165	33504	23.09	nq	94
57) Fluorene	15.97	166	120545	23.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	19085	19.85	nq	# 85
59) Diethylphthalate	15.99	149	125449	24.35	nq	99
60) 4-Chlorophenyl-phenylether	16.08	204	49710	23.46	nq	92
61) 4-Nitroaniline	16.13	138	24181	19.70	nq	93
62) Azobenzene	16.36	77	125674	23.41	nq	97
64) 4,6-Dinitro-2-methylphenol	16.21	198	15072	20.64	nq	97
65) n-Nitrosodiphenylamine	16.33	169	100820	22.45	nq	96
66) 4-Bromophenyl-phenylether	16.95	248	29147	22.84	nq	89
67) Hexachlorobenzene	16.96	284	31084	23.12	nq	# 91
68) Atrazine	17.32	200	32340	23.73	nq	98
69) Pentachlorophenol	17.33	266	21416	38.63	nq	99
70) Phenanthrene	17.61	178	171567	21.84	nq	98
71) Anthracene	17.69	178	173379	22.64	nq	98
72) Carbazole	17.97	167	163377	21.99	nq	99
73) Di-n-butylphthalate	18.58	149	196027	22.80	nq	98
74) Fluoranthene	19.27	202	180539	22.43	nq	96
76) Benzidine	19.51	184	79140	19.82	nq	97
77) Pyrene	19.54	202	189588	22.17	nq	99
80) Benzo(a)anthracene	21.13	228	177862	22.72	nq	99
82) Chrysene	21.13	228	177862	24.91	nq	97
83) Bis(2-ethylhexyl)phthalate	21.31	149	124761	23.28	nq	99
89) Benzo(a)pyrene	22.56	252	185646	27.10	nq	99

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

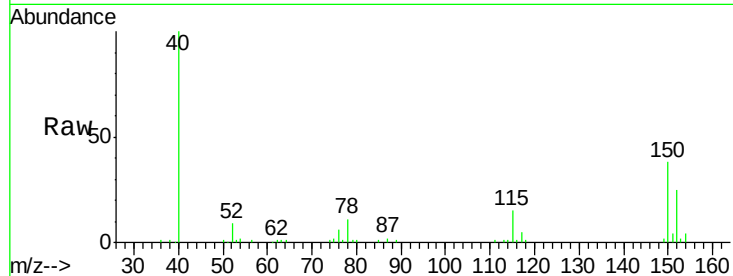


#1

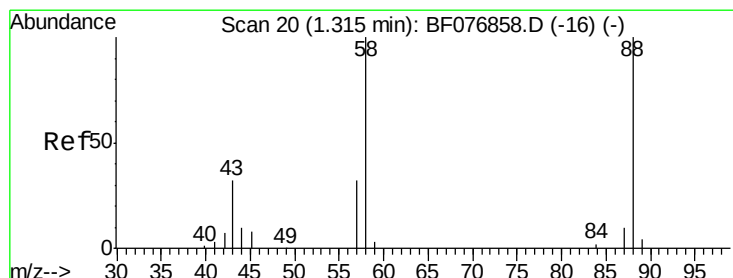
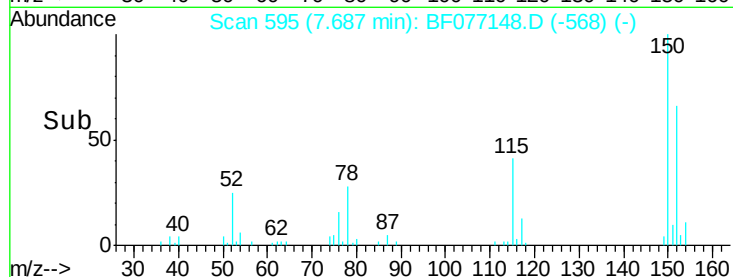
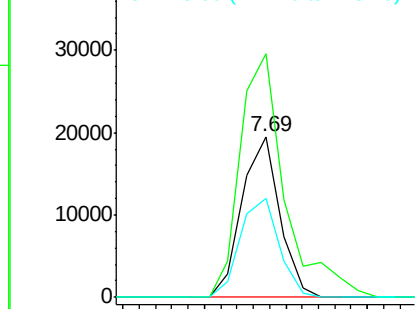
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31332
Ion Ratio Lower Upper
152 100
150 151.5 121.7 182.5
115 61.8 47.0 70.6



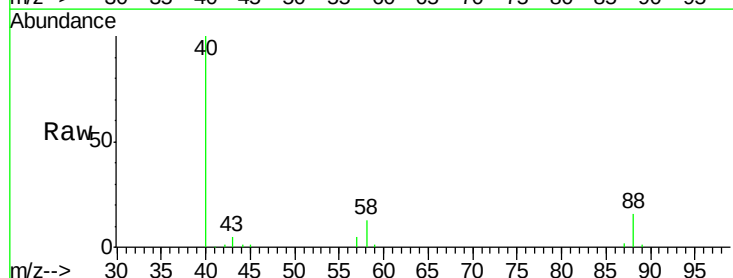
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



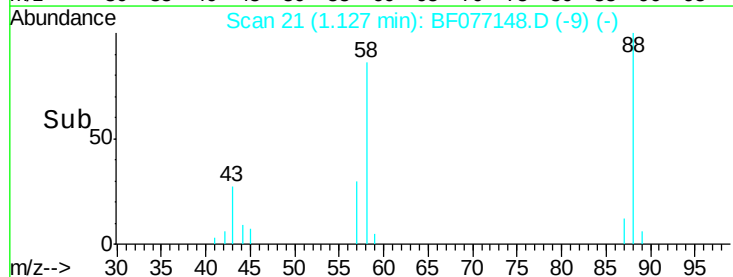
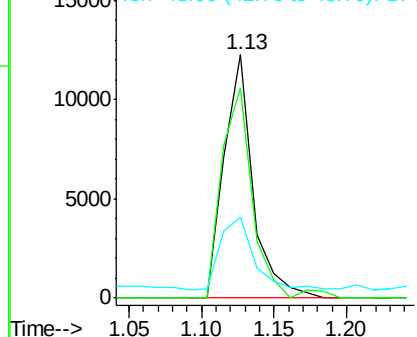
#2

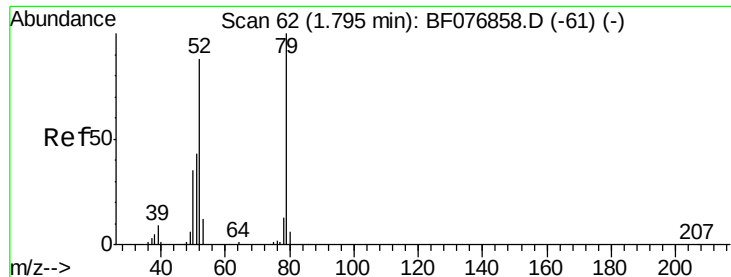
1,4-Dioxane
Concen: 20.73 ng
RT: 1.13 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

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

Pvridine

Concen: 22.32 ng

RT: 1.57 min Scan# 60

Delta R.T. 0.04 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

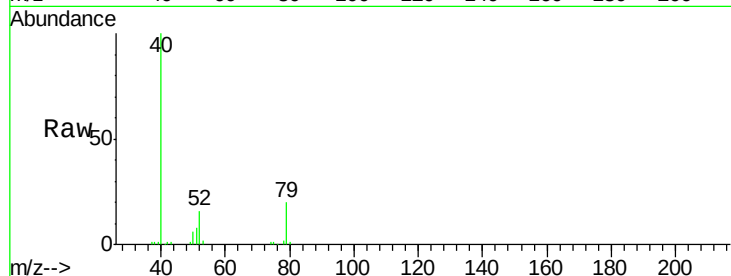
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 47129

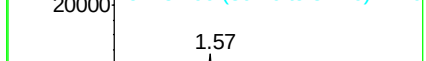
Ion	Ratio	Lower	Upper
79	100		
52	82.3	70.1	105.1
51	38.6	35.1	52.7



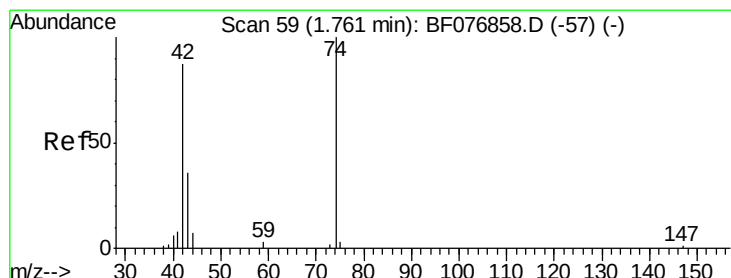
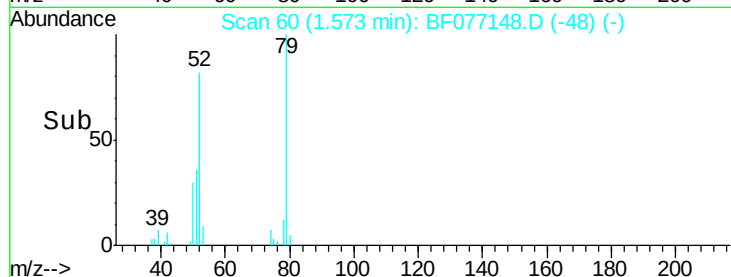
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 21.27 ng

RT: 1.53 min Scan# 56

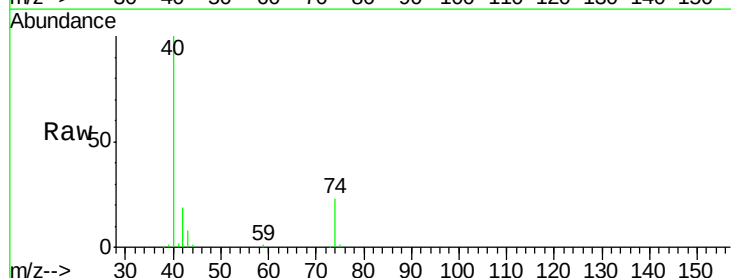
Delta R.T. 0.03 min

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#



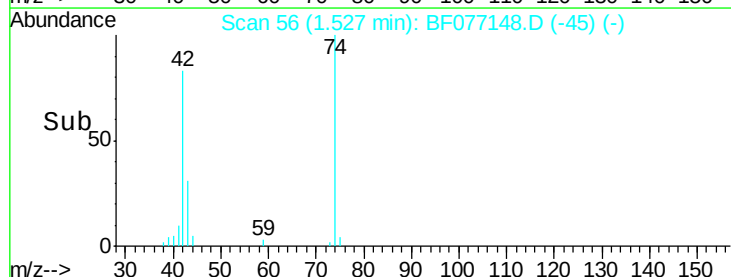
Abundance Ion 42.00 (41.70 to 42.70): BF0

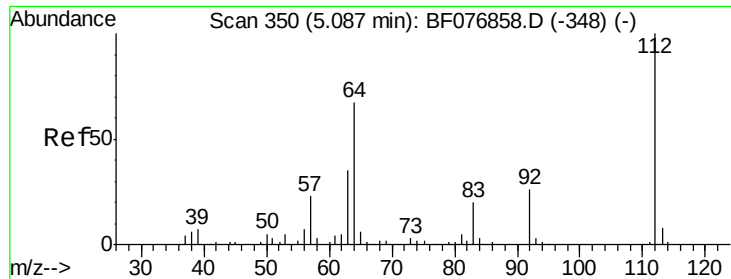
Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->





#5

2-Fluorophenol

Concen: 76.49 ng

RT: 4.70 min Scan# 334

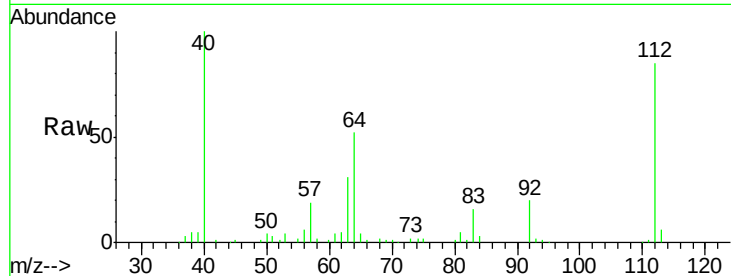
Delta R.T. 0.00 min

Lab File: BF077148.D

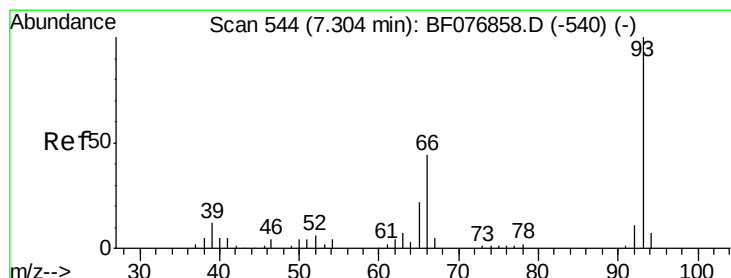
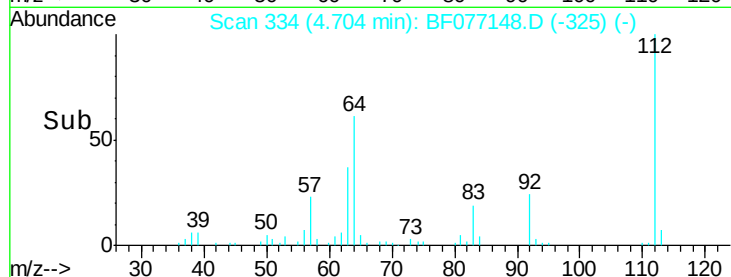
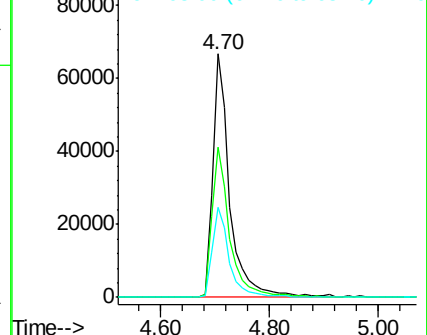
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampleId :

Tot 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



#6

Aniline

Concen: 11.17 ng

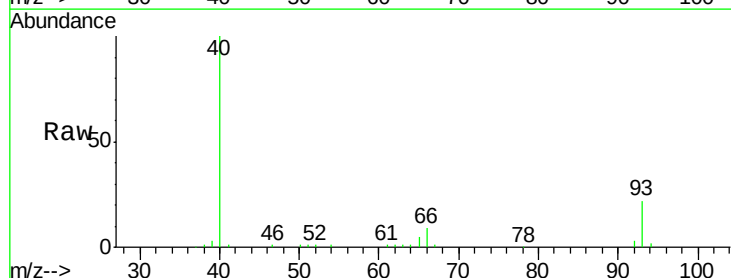
RT: 6.97 min Scan# 532

Delta R.T. -0.01 min

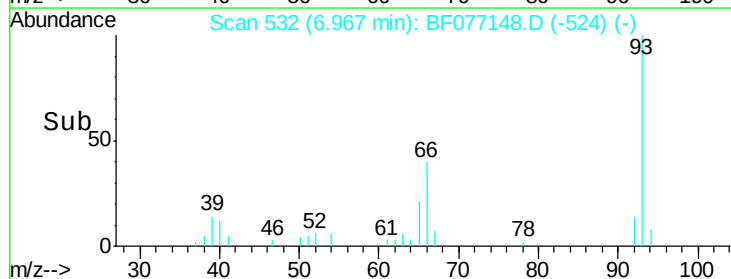
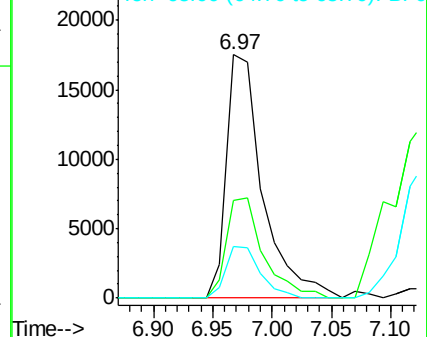
Lab File: BF077148.D

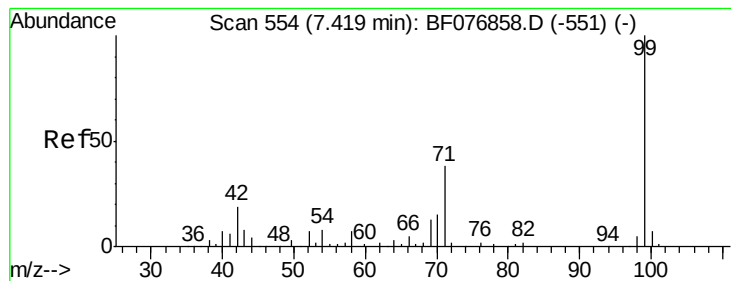
Acq: 30 Jan 2015 15:49

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





#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

Instrument :

BNA_F

ClientSampled :

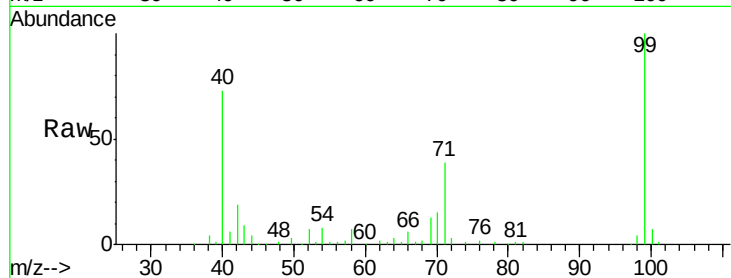
Tot Ion: 99 Resp: 184656

Ion Ratio Lower Upper

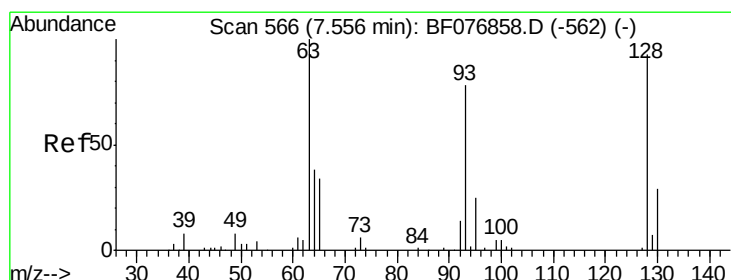
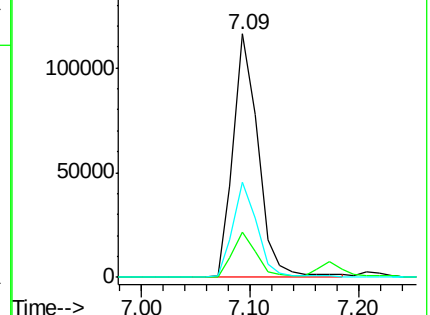
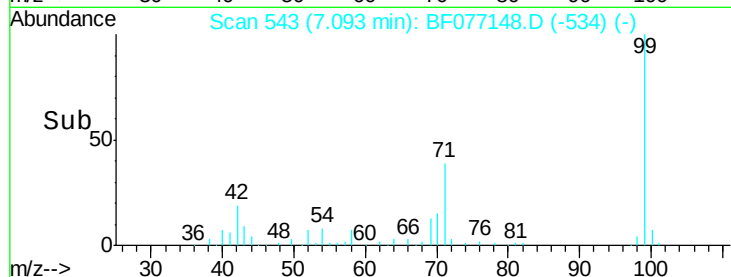
99 100

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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

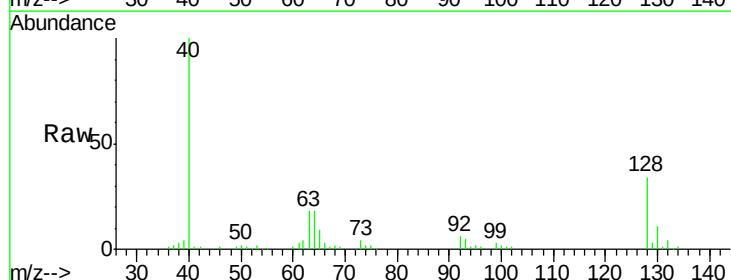
Tgt Ion: 128 Resp: 52604

Ion Ratio Lower Upper

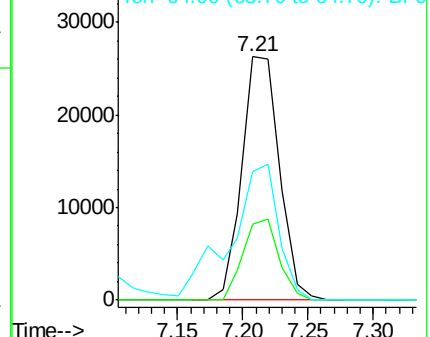
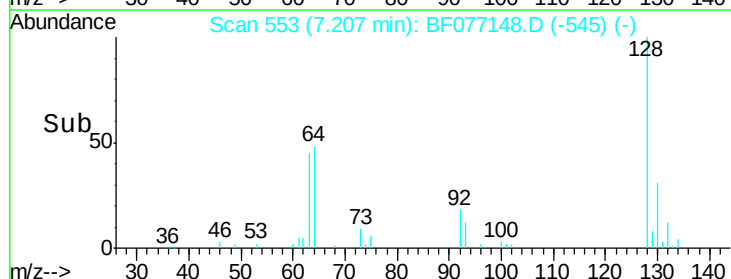
128 100

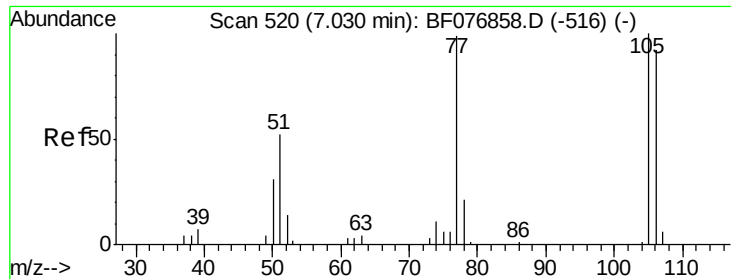
130 31.4 11.0 51.0

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. 0.02 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

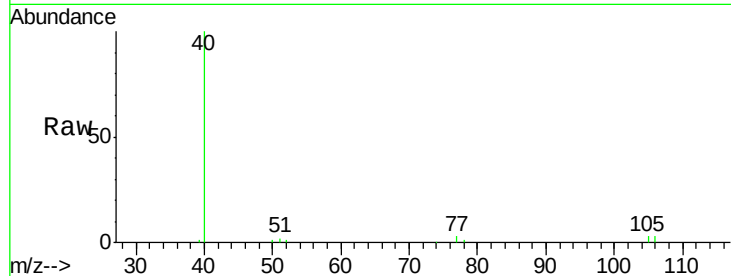
Tot Ion: 77 Resp: 5047

Ion Ratio Lower Upper

77 100

105 103.9 81.4 121.4

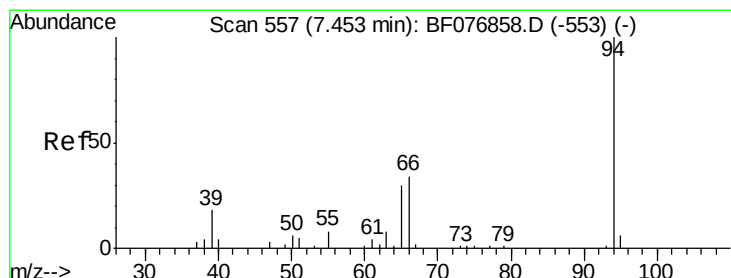
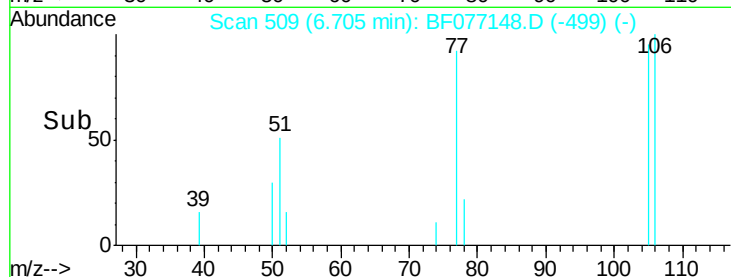
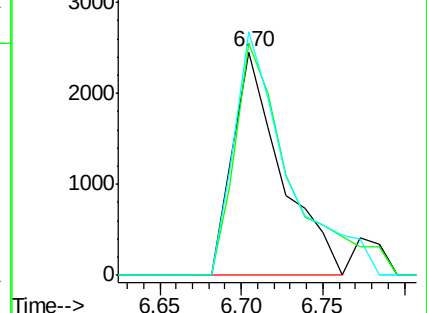
106 108.9 72.8 112.8



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: 23.52 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

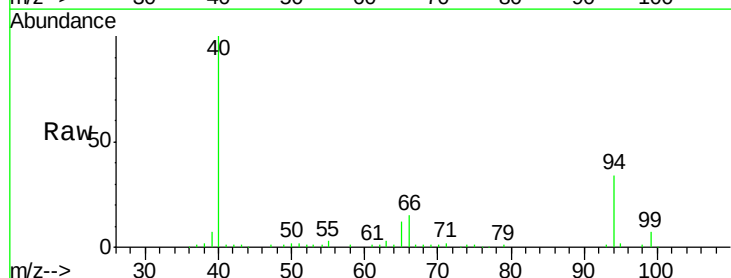
Tgt Ion: 94 Resp: 60043

Ion Ratio Lower Upper

94 100

65 34.2 11.3 51.3

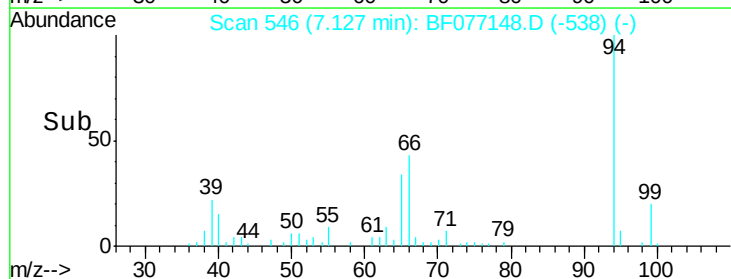
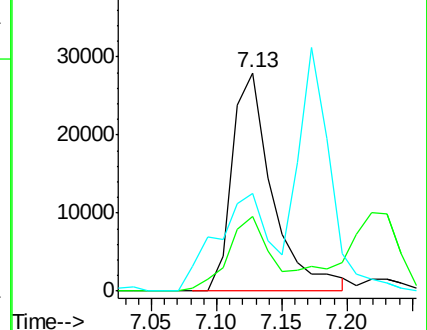
66 44.9 19.5 59.5

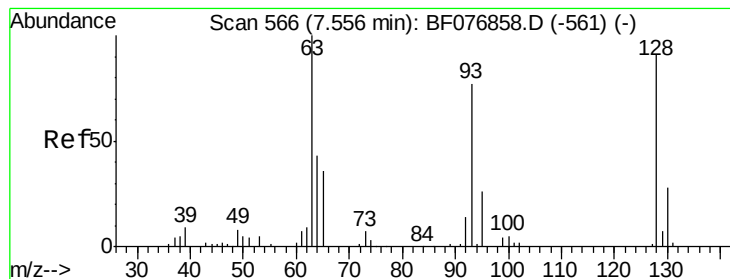


Abundance Ion 94.00 (93.70 to 94.70): BF0

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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

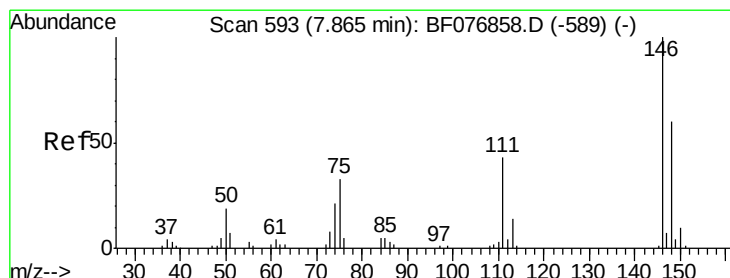
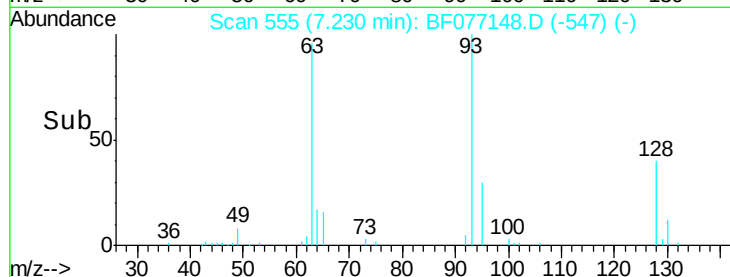
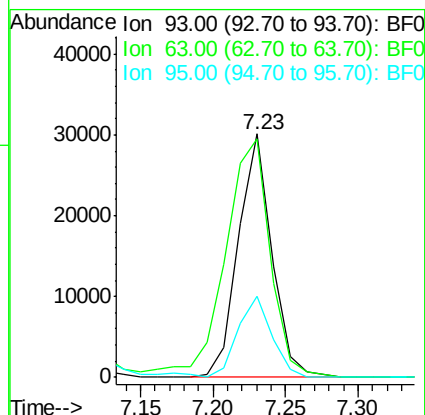
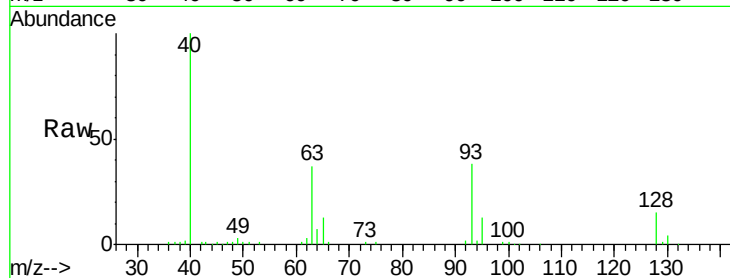
Tot Ion: 93 Resp: 48330

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. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

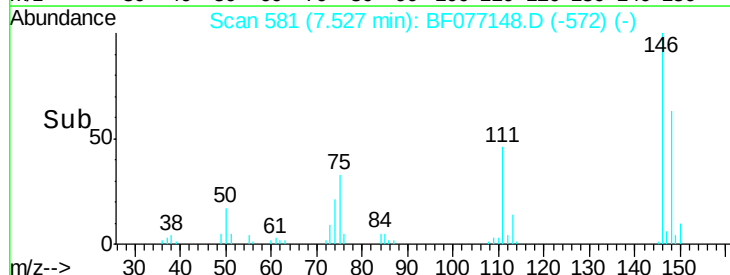
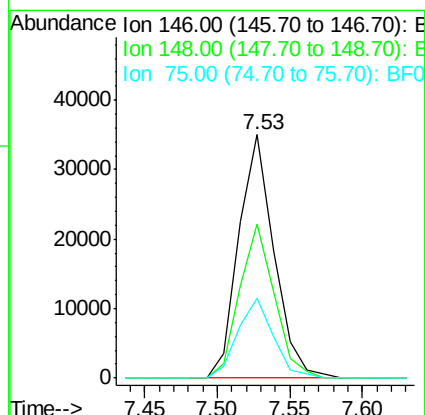
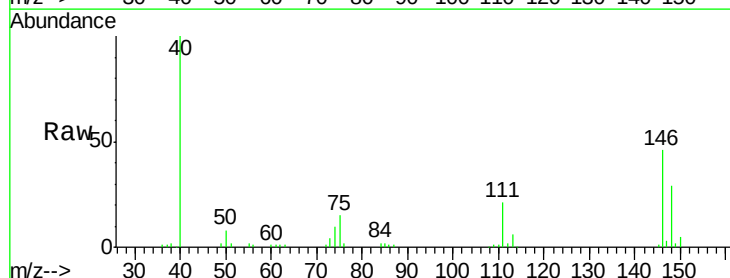
Tgt Ion: 146 Resp: 59227

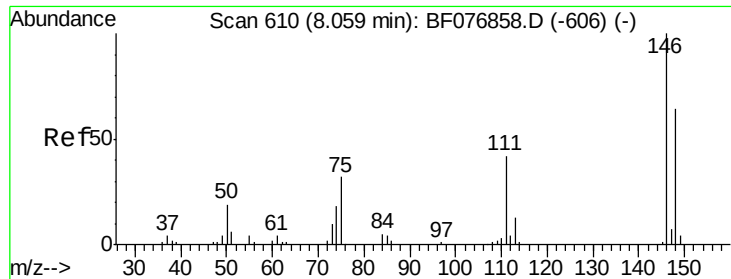
Ion Ratio Lower Upper

146 100

148 63.0 48.1 72.1

75 32.9 26.8 40.2

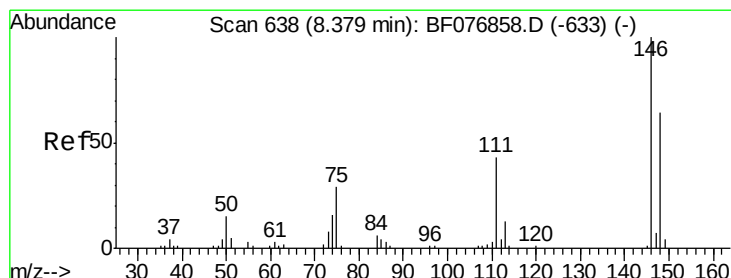
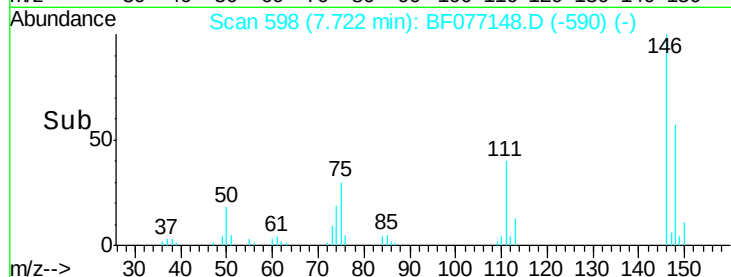
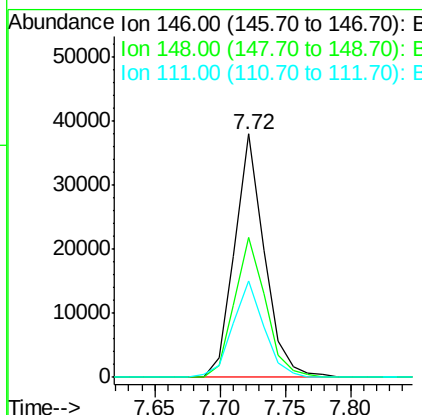
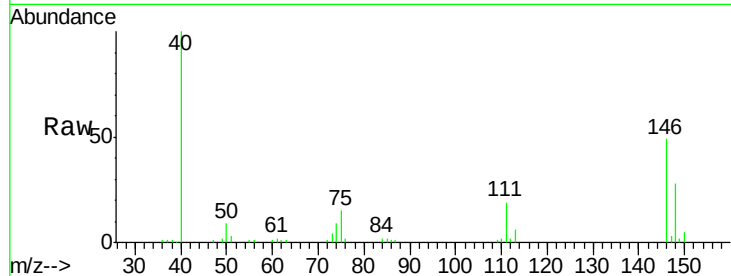




#13
 1,4-Dichlorobenzene
 Concen: 22.81 ng
 RT: 7.72 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

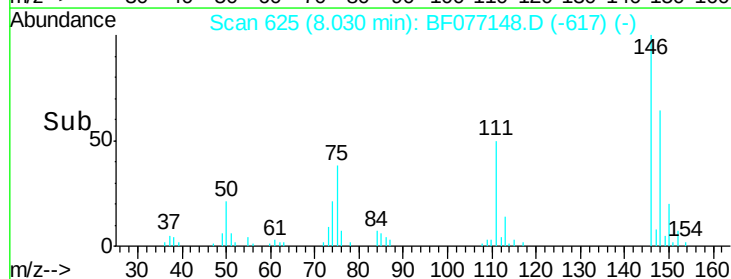
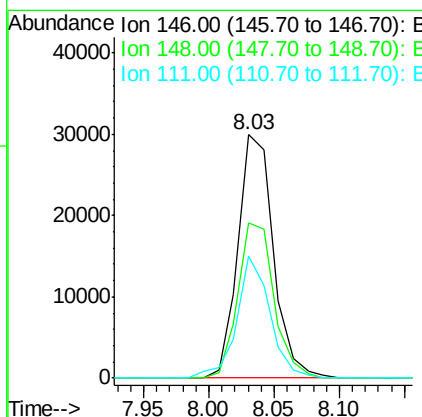
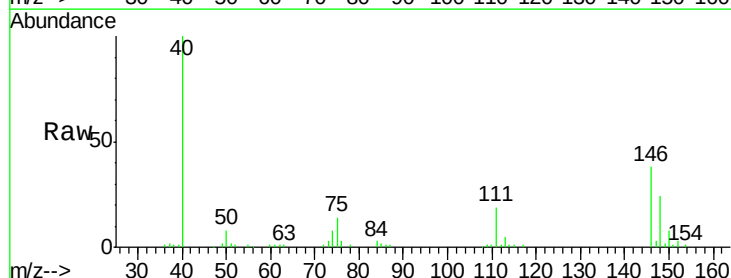
Instrument :
 BNA_F
 ClientSampleId :

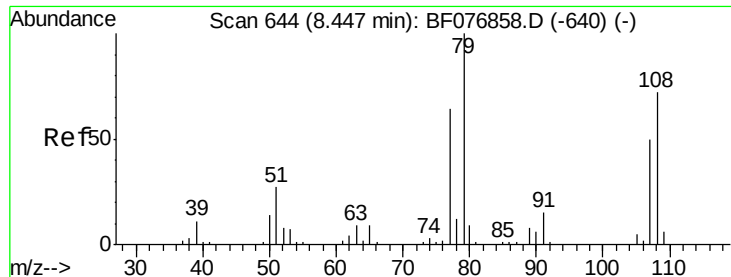
Tot Ion:146 Resp: 60459
 Ion Ratio Lower Upper
 146 100
 148 57.4 51.5 77.3
 111 39.7 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 23.19 ng
 RT: 8.03 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:146 Resp: 56636
 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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampled :

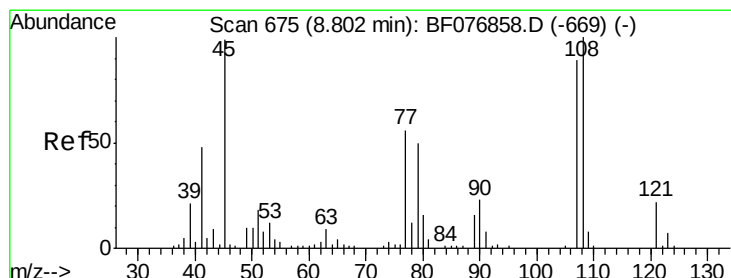
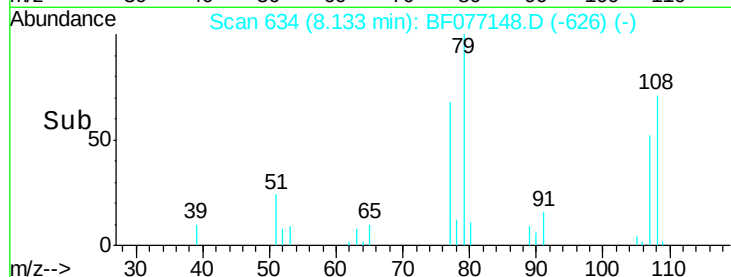
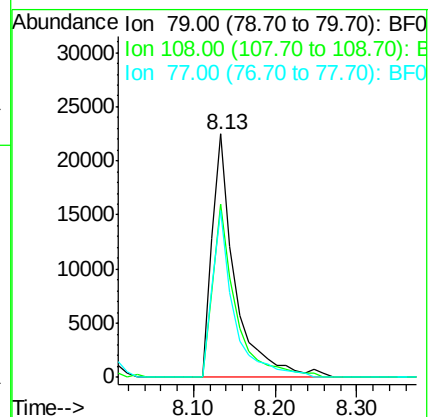
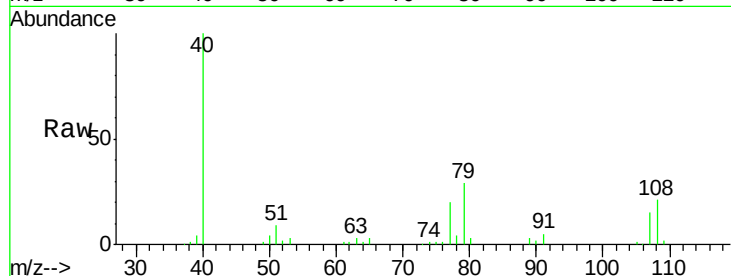
Tot Ion: 79 Resp: 44739

Ion Ratio Lower Upper

79 100

108 71.3 57.2 85.8

77 68.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.05 ng

RT: 8.48 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

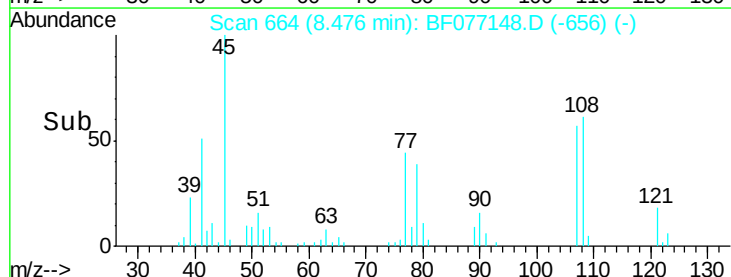
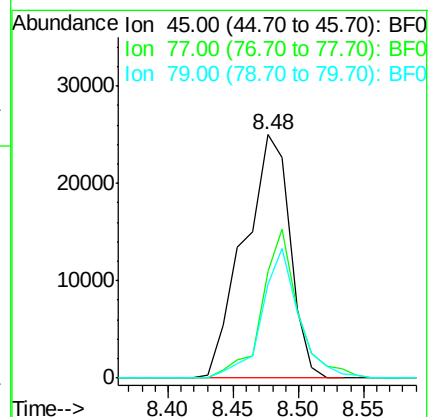
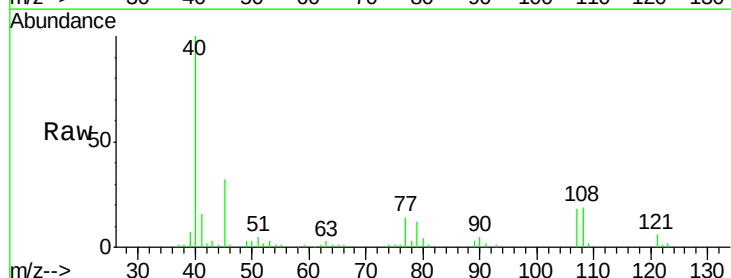
Tgt Ion: 45 Resp: 61876

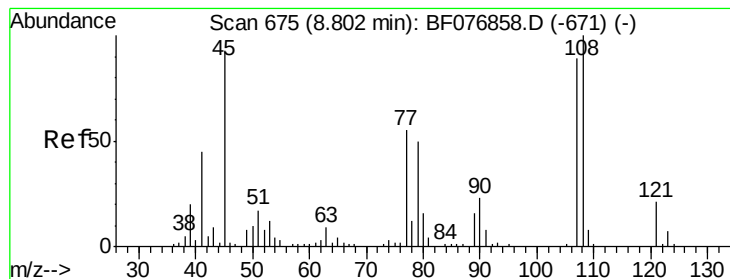
Ion Ratio Lower Upper

45 100

77 43.7 36.1 76.1

79 38.5 30.5 70.5

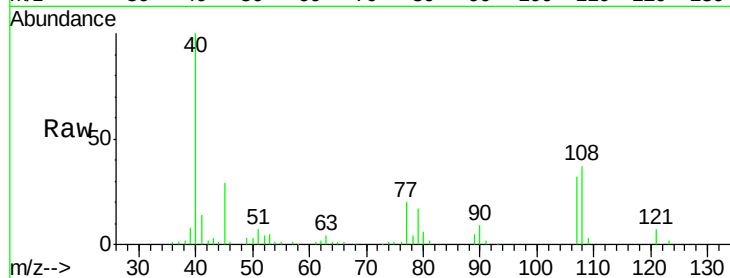




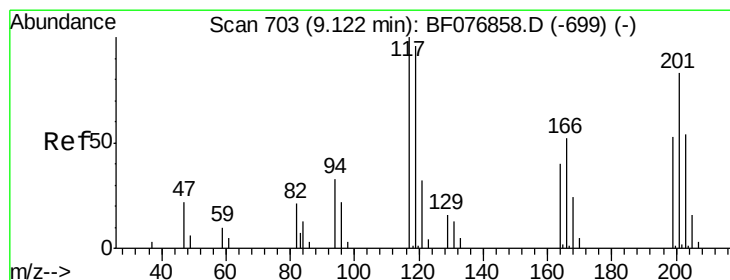
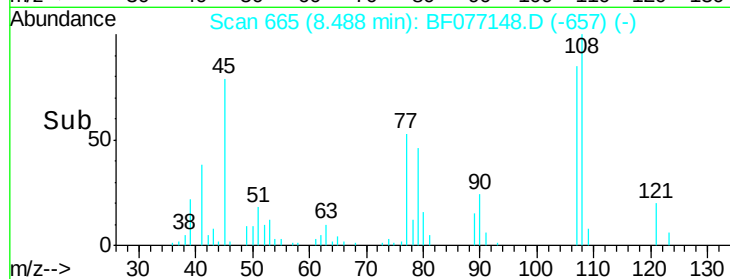
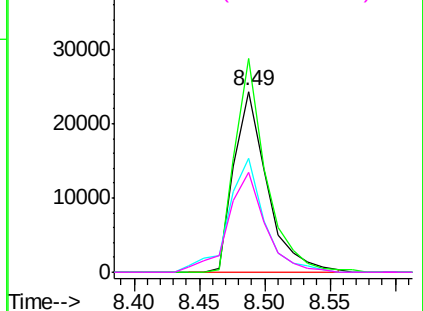
#17
2-Methylphenol
Concen: 24.07 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 43223
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

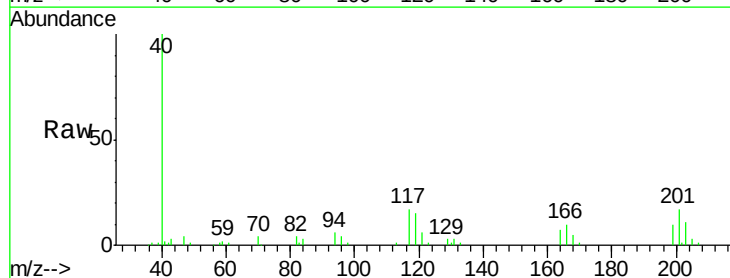


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

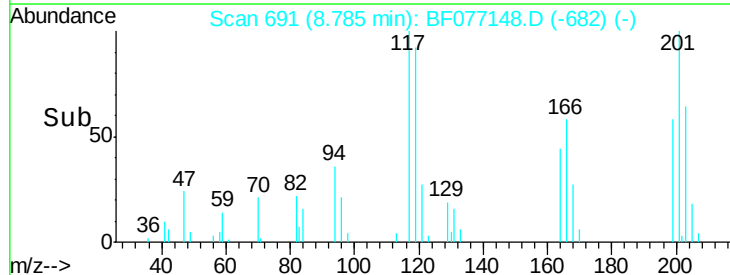
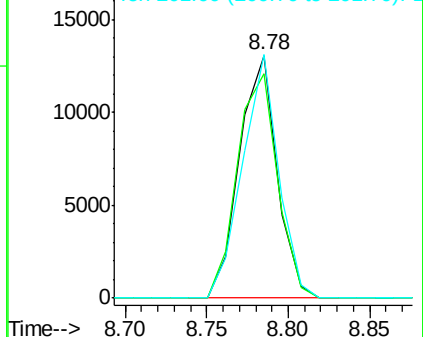


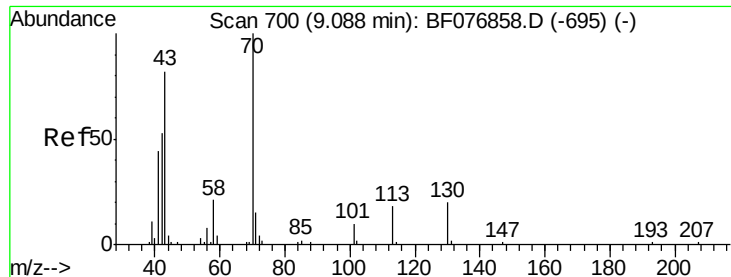
#18
Hexachloroethane
Concen: 22.57 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

Tot 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

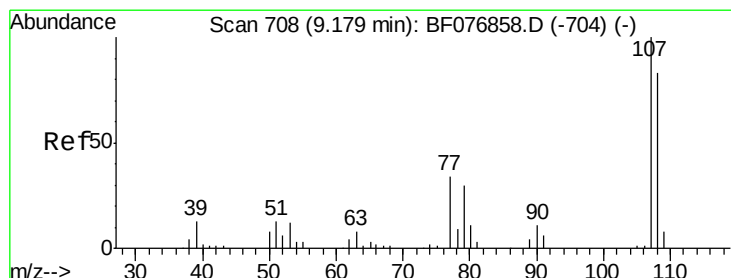
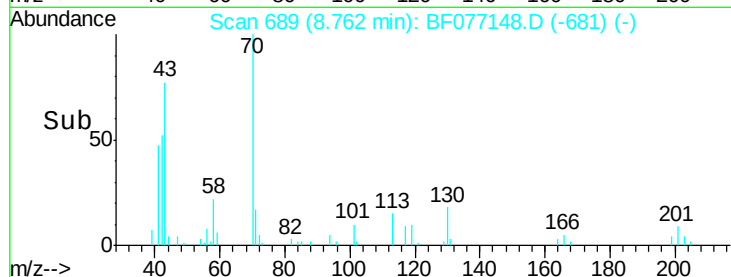
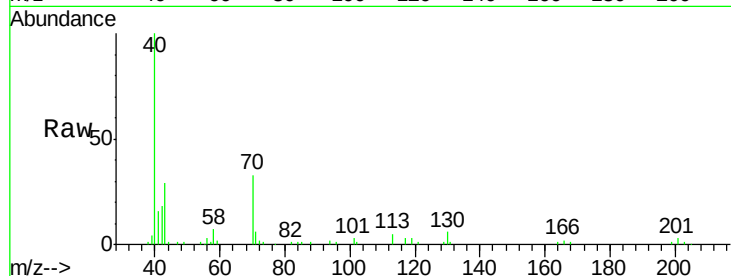
Abundance

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

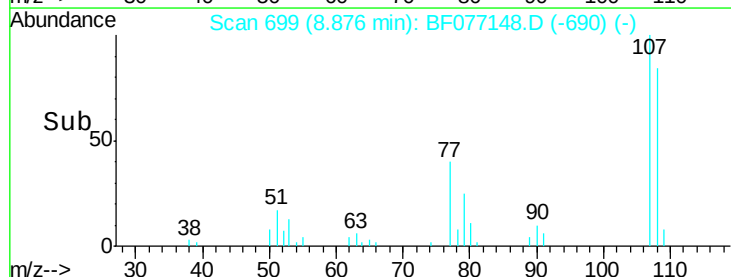
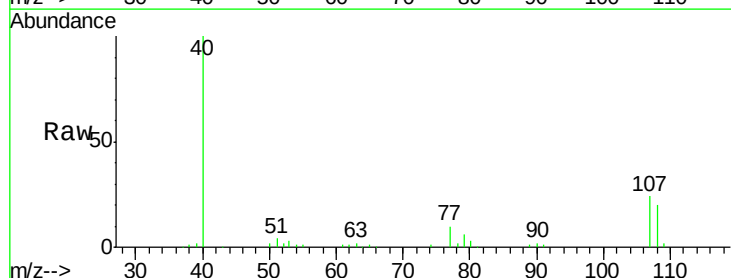
Delta R.T. 0.01 min

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



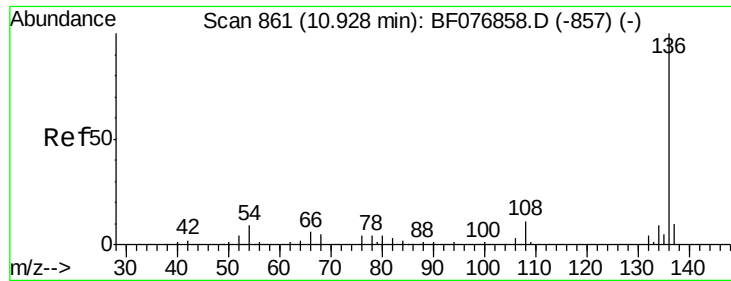
Abundance

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

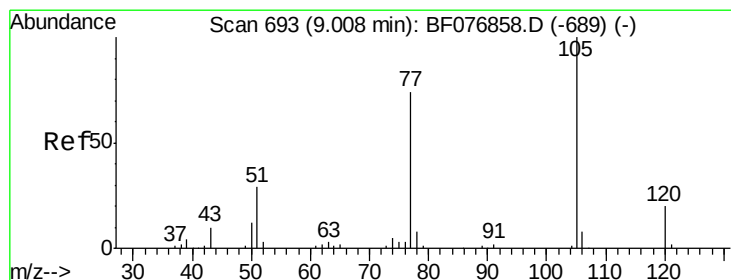
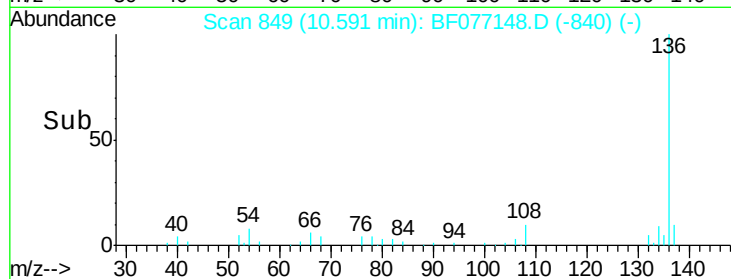
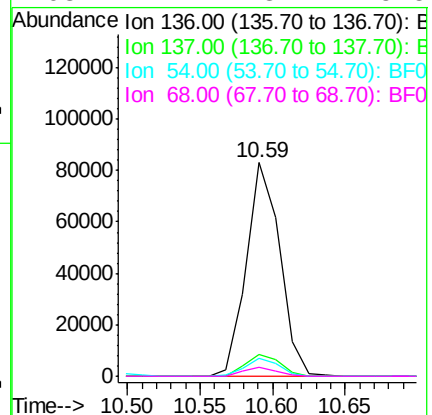
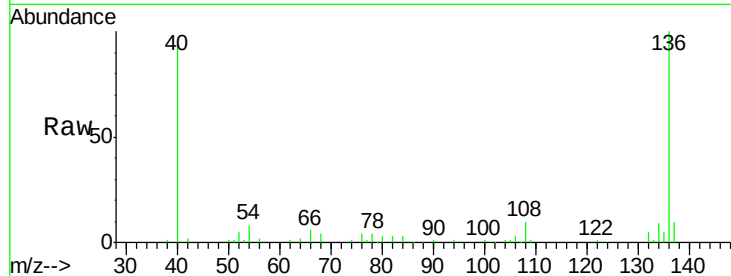
Ion 79.00 (78.70 to 79.70): BF0



#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

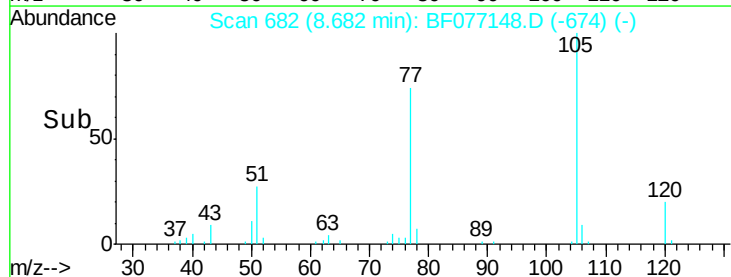
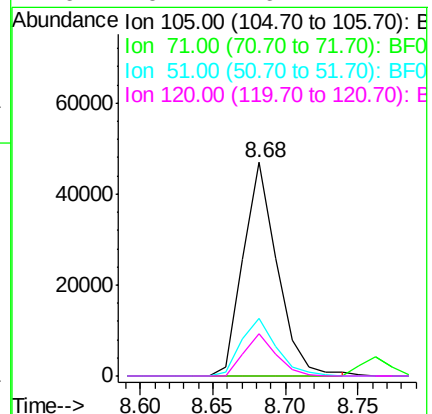
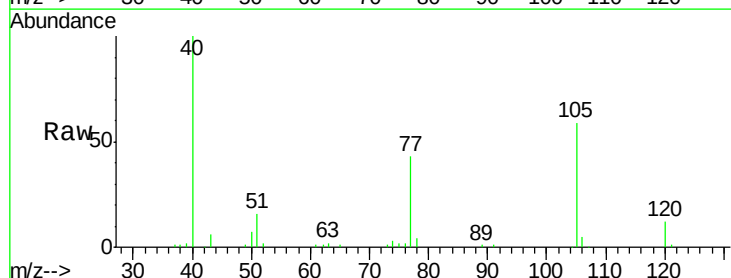
Instrument :
BNA_F
ClientSampleId :

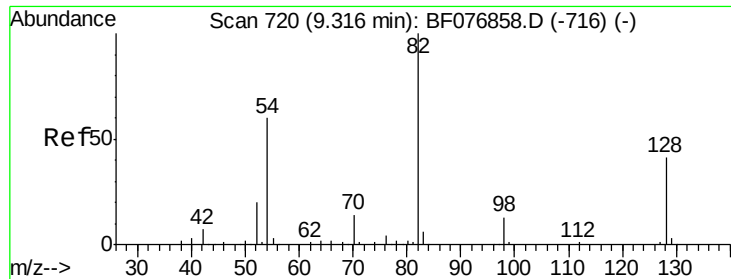
Tot Ion:136	Resp:	132789
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.1	12.1
54 8.3	7.0	10.4
68 4.4	3.7	5.5



#22
Acetophenone
Concen: 23.60 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.01 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

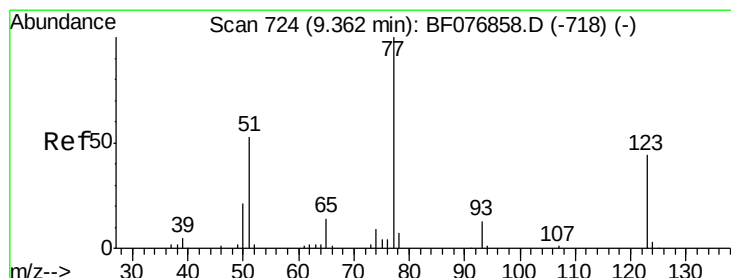
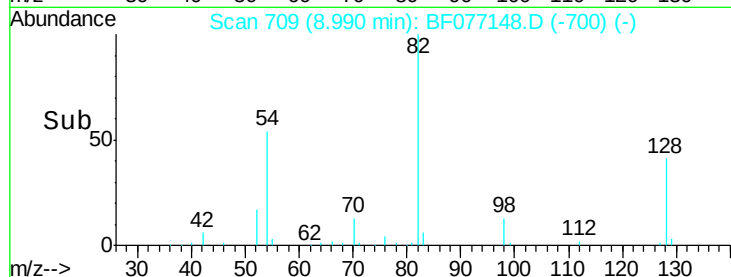
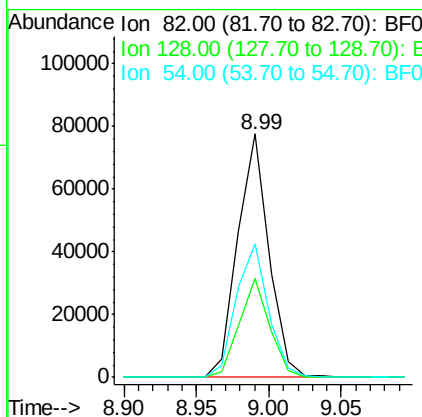
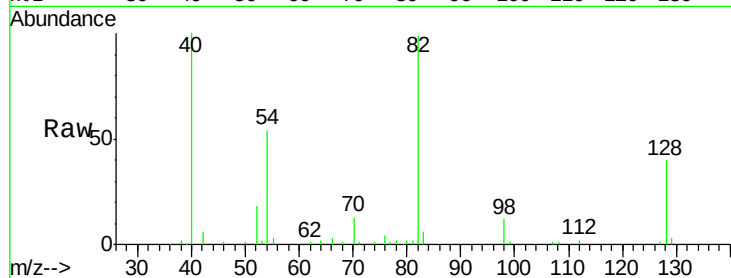




#23
 Nitrobenzene-d5
 Concen: 48.49 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

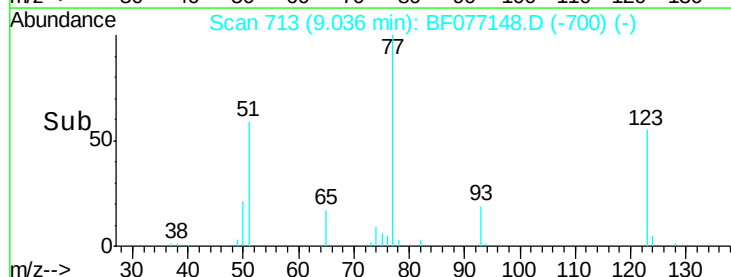
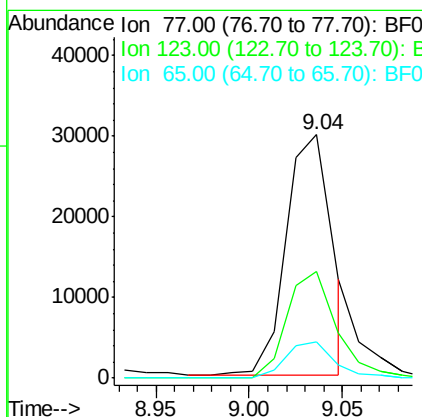
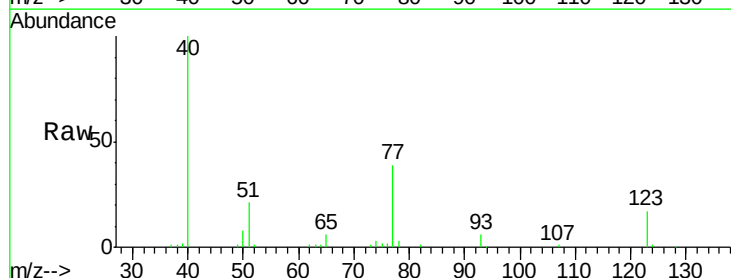
Instrument :
 BNA_F
 ClientSampleId :

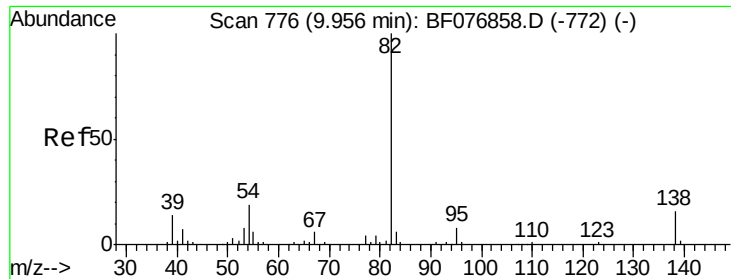
Tot Ion: 82 Resp: 116215
 Ion Ratio Lower Upper
 82 100
 128 40.7 33.1 49.7
 54 55.0 48.3 72.5



#24
 Nitrobenzene
 Concen: 21.03 ng
 RT: 9.04 min Scan# 713
 Delta R.T. 0.05 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion: 77 Resp: 51355
 Ion Ratio Lower Upper
 77 100
 123 43.8 35.2 52.8
 65 15.1 11.4 17.2

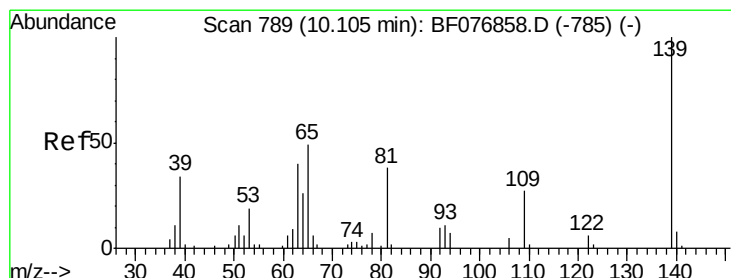
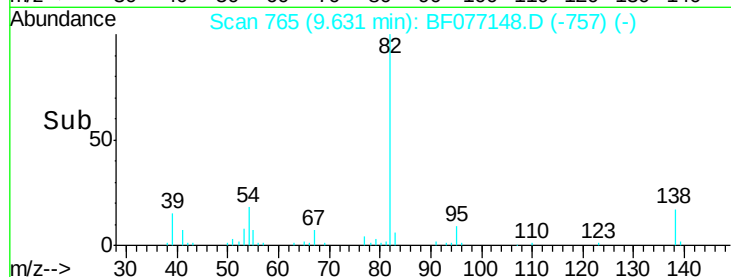
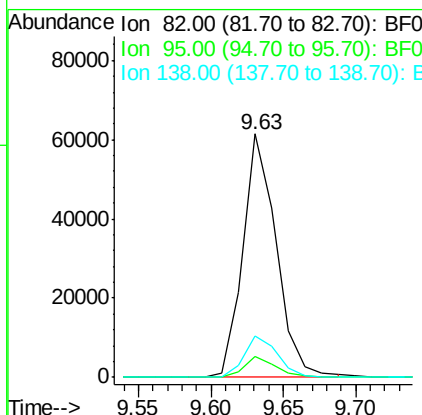
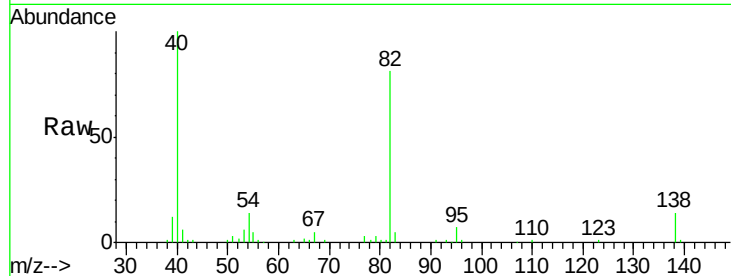




#25
Isophorone
Concen: 22.51 ng
RT: 9.63 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

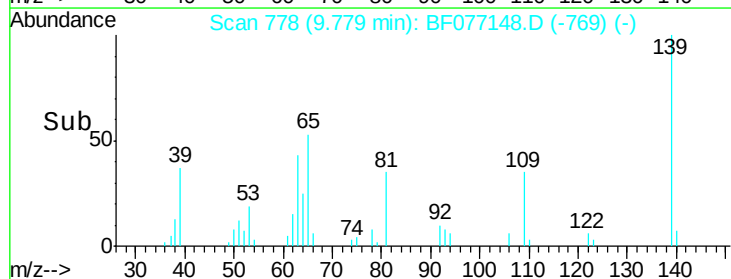
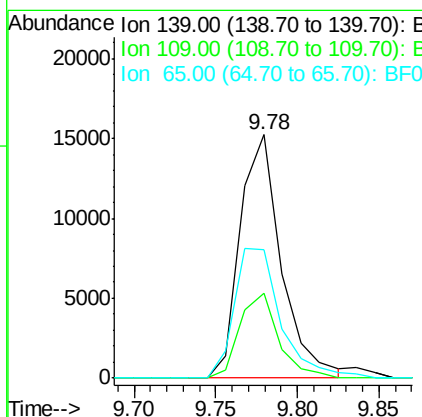
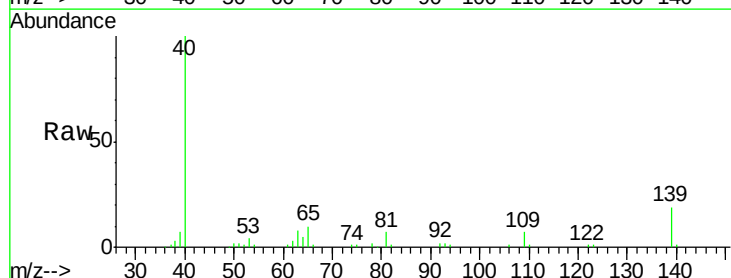
Instrument :
BNA_F
ClientSampleId :

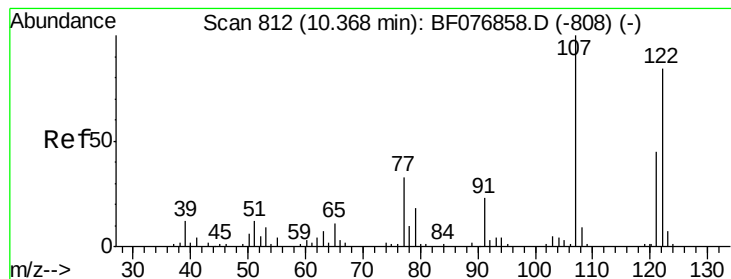
Tot Ion	82	Resp	98265
Ion Ratio	100		
Lower	6.6		
Upper	10.0		
95	8.6		
138	17.2		
	12.6		
	18.8		



#26
2-Nitrophenol
Concen: 22.34 ng
RT: 9.78 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion	139	Resp	26707
Ion Ratio	100		
Lower	21.3		
Upper	31.9#		
109	34.9		
65	52.6		
	39.4		
	59.0		





#27

2,4-Dimethylphenol

Concen: 24.27 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

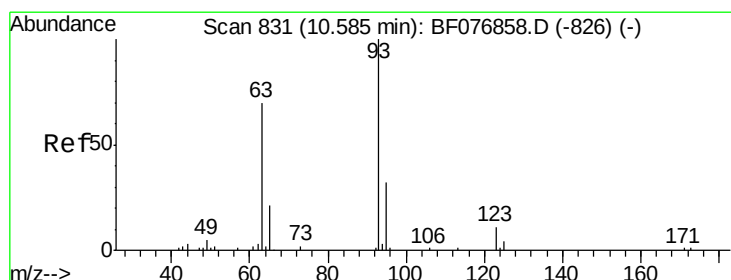
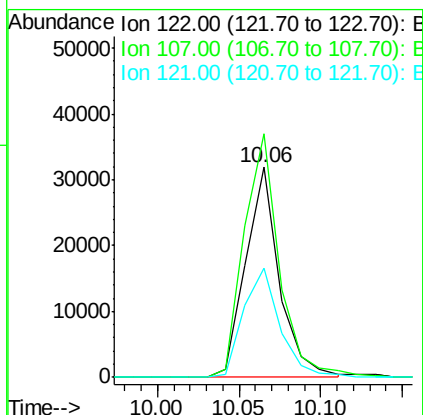
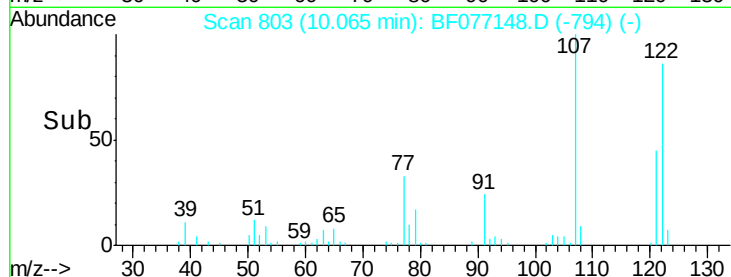
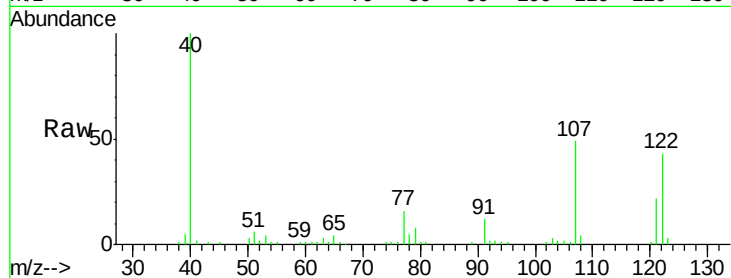
Tot Ion:122 Resp: 45824

Ion Ratio Lower Upper

122 100

107 115.9 95.2 142.8

121 51.7 42.9 64.3



#28

bis(2-Chloroethoxy)methane

Concen: 23.91 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

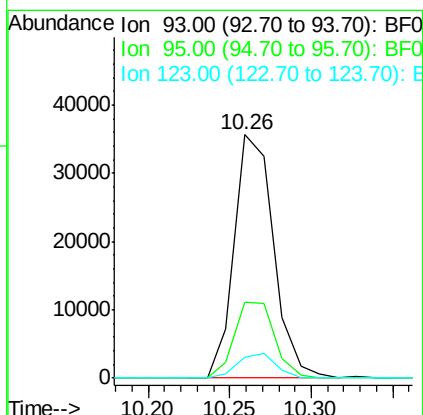
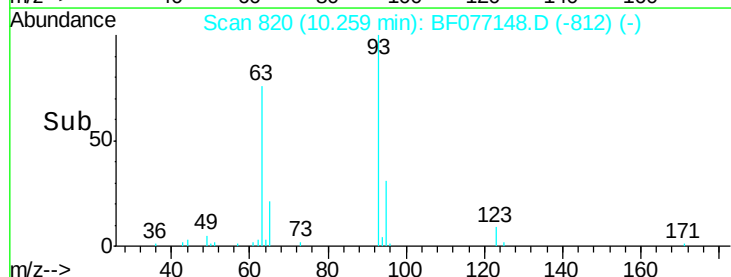
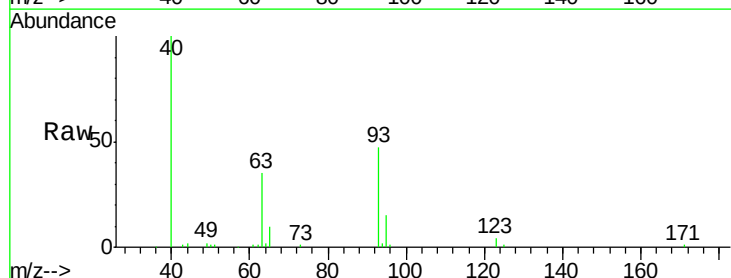
Tgt Ion: 93 Resp: 59332

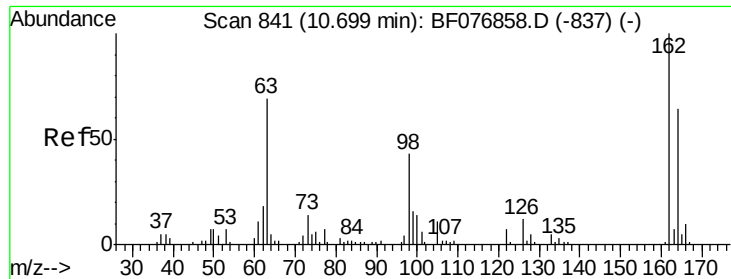
Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

123 8.7 8.9 13.3#

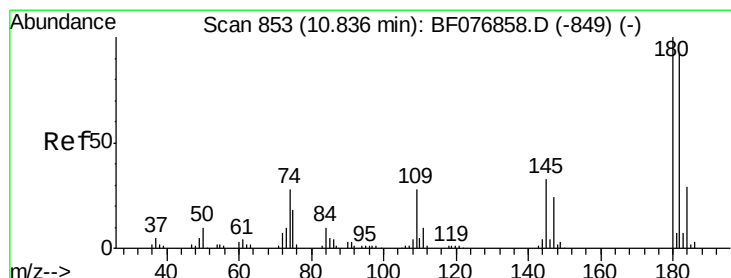
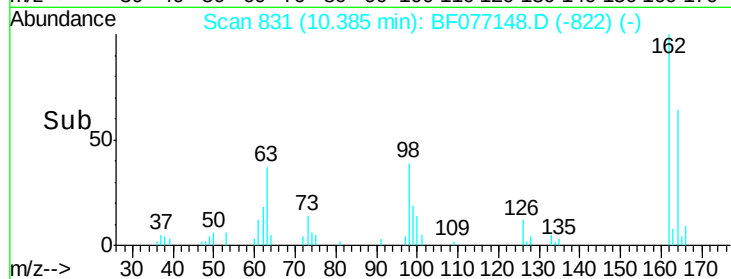
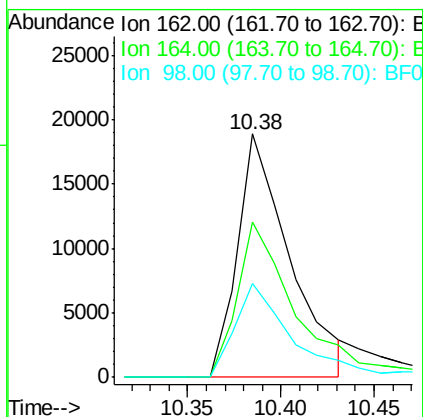
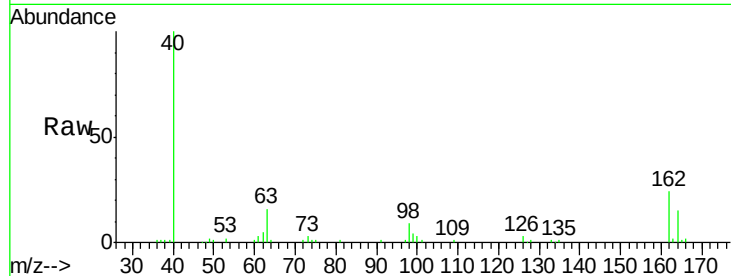




#29
 2,4-Dichlorophenol
 Concen: 20.99 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

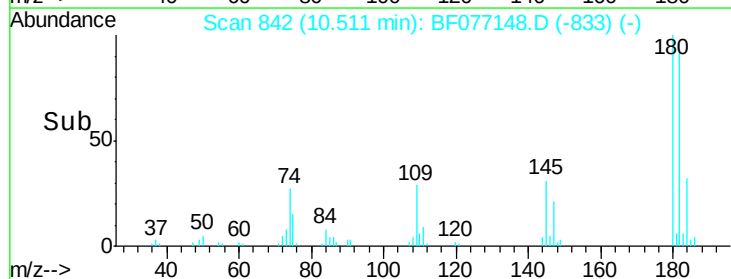
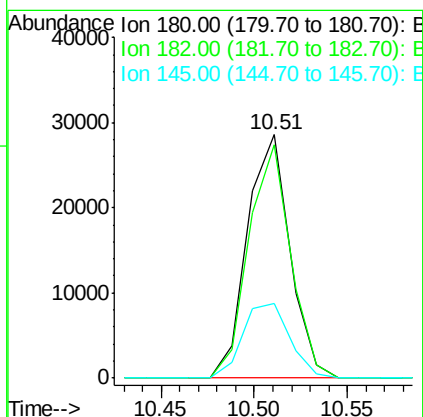
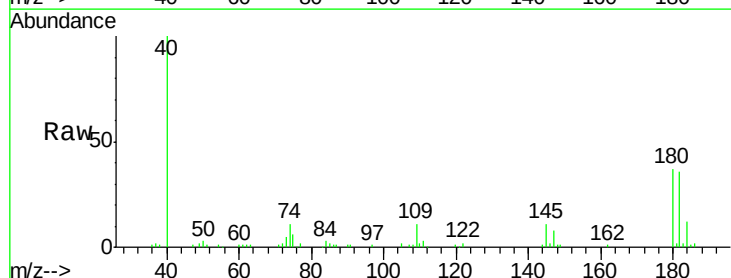
Instrument :
 BNA_F
 ClientSampleId :

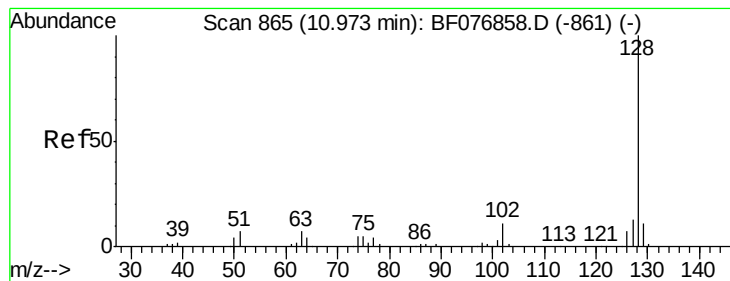
Tot Ion:162 Resp: 36941
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.8 83.8
 98 38.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 23.14 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:180 Resp: 45237
 Ion Ratio Lower Upper
 180 100
 182 96.0 73.6 110.4
 145 30.7 26.6 39.8





#31

Naphthalene

Concen: 22.52 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

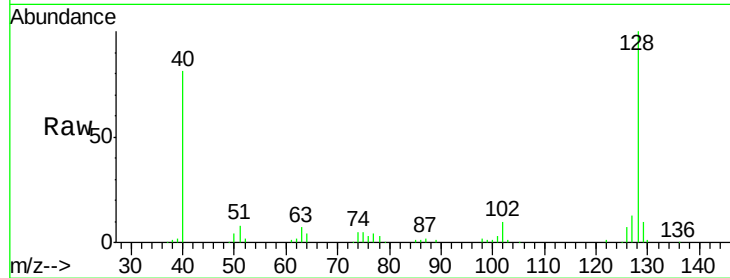
Tot Ion:128 Resp: 153971

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

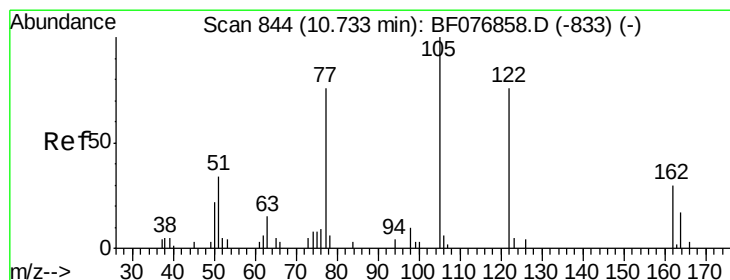
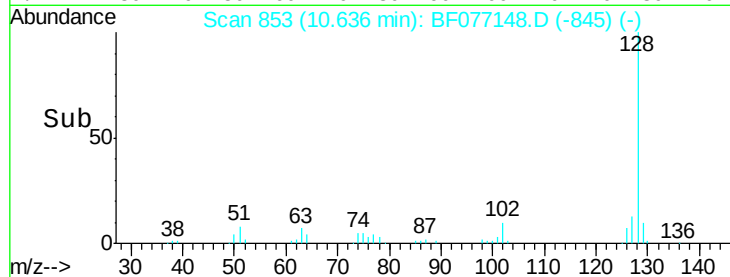
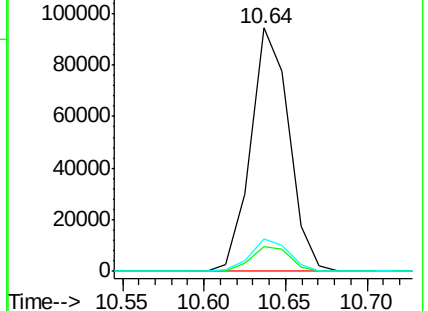
127 13.3 10.2 15.2



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: 4.49 ng

RT: 10.43 min Scan# 835

Delta R.T. -0.05 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

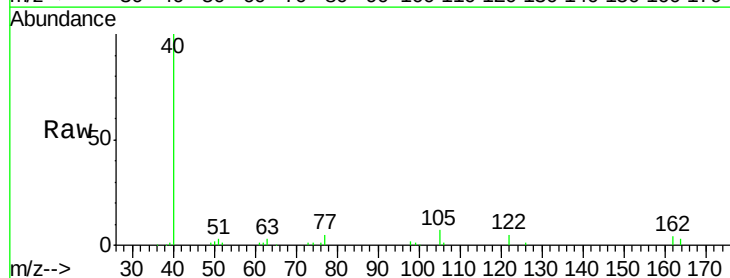
Tgt Ion:122 Resp: 4695

Ion Ratio Lower Upper

122 100

105 147.9 111.3 151.3

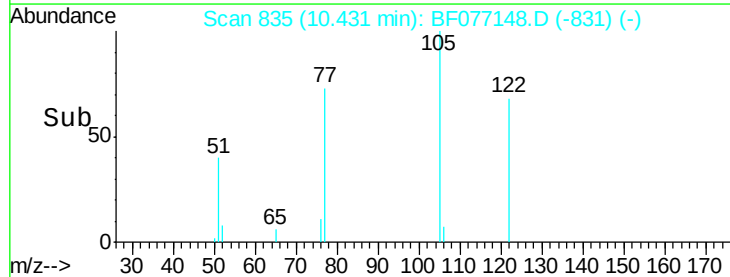
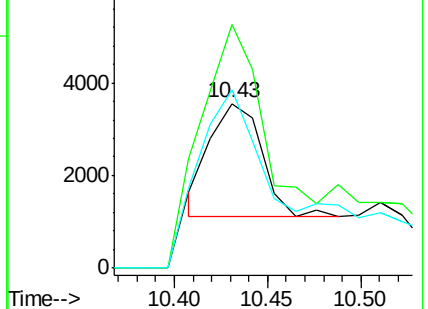
77 108.6 79.2 119.2

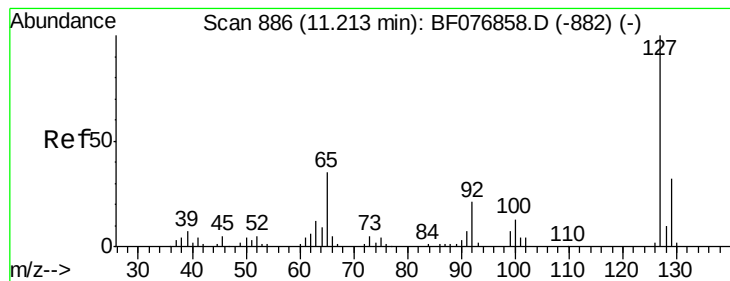


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.60 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 37560

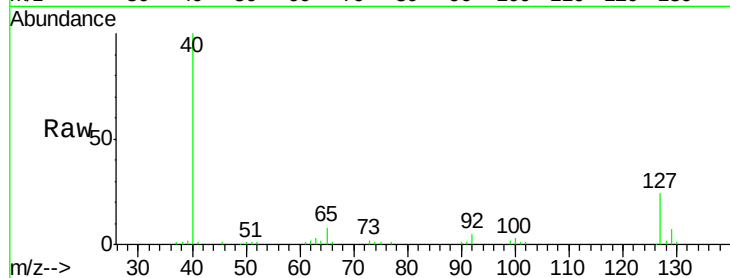
Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

65 33.8 27.8 41.6

92 19.4 16.5 24.7



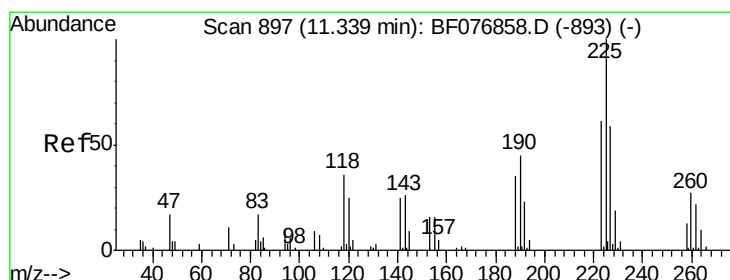
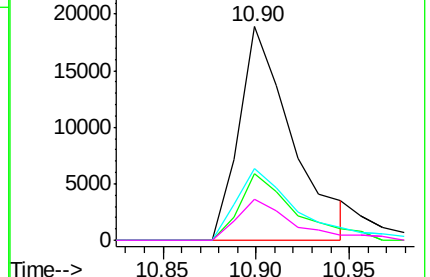
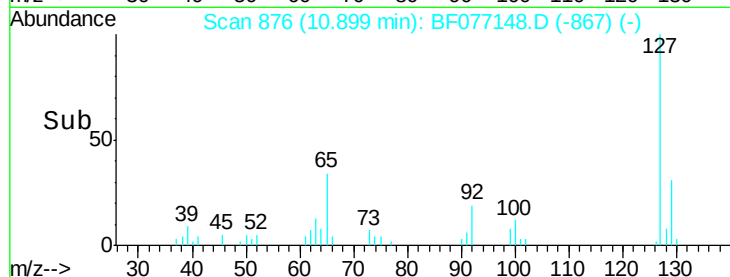
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Time-->



#34

Hexachlorobutadiene

Concen: 22.27 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

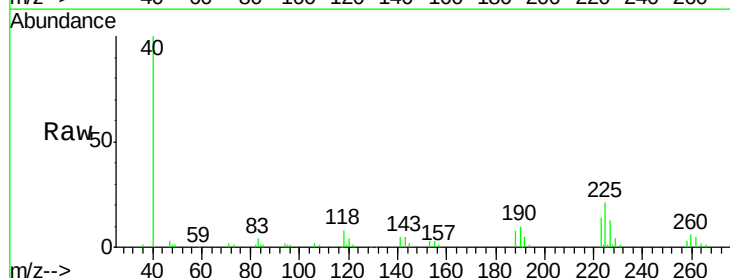
Tgt Ion:225 Resp: 25824

Ion Ratio Lower Upper

225 100

223 66.4 49.1 73.7

227 62.2 47.5 71.3

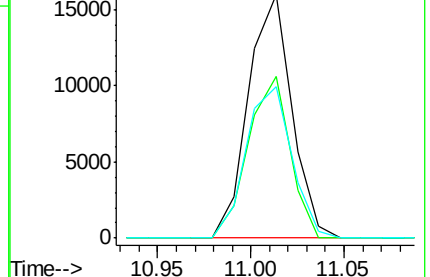
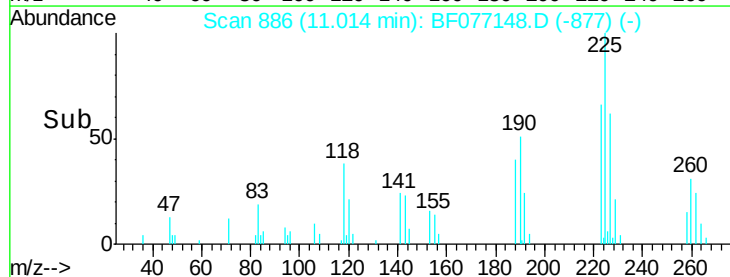


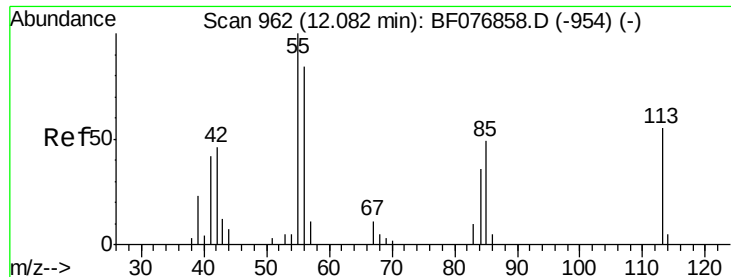
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->





#35

Caprolactam

Concen: 17.91 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampled :

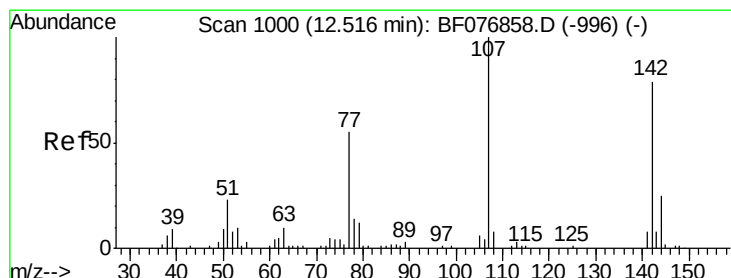
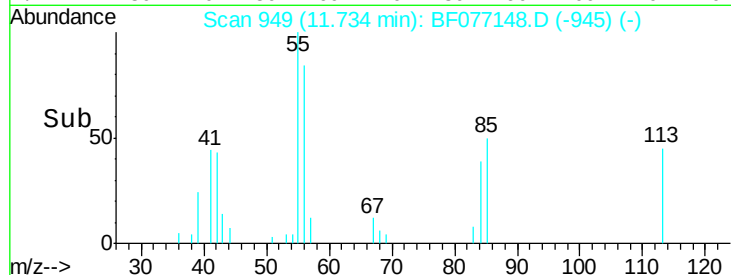
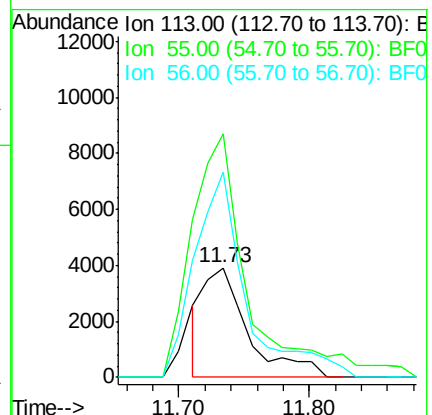
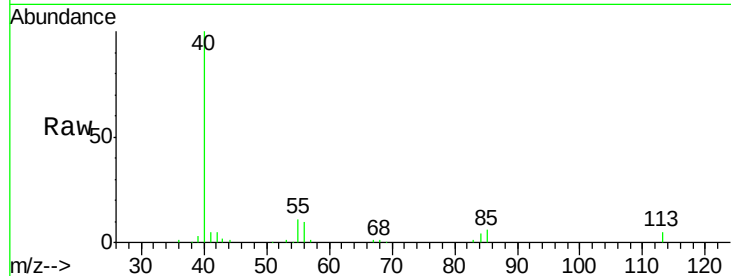
Tot Ion:113 Resp: 9278

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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

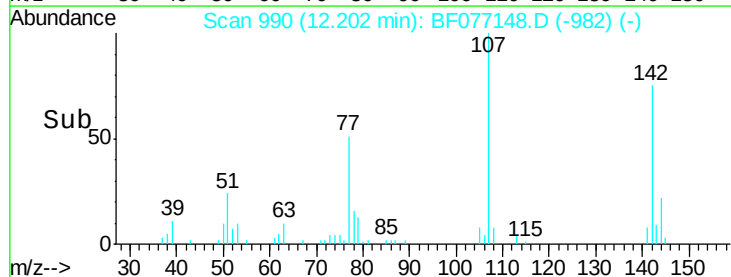
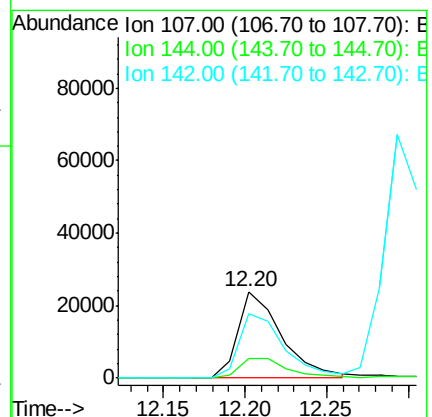
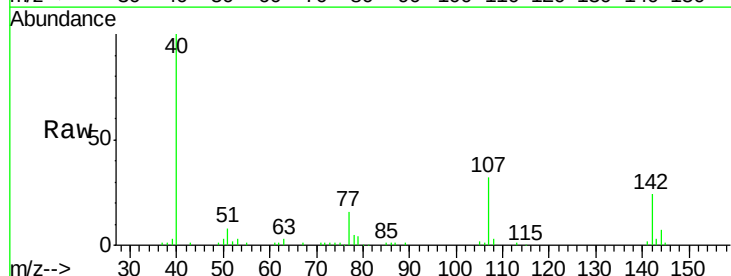
Tgt Ion:107 Resp: 44394

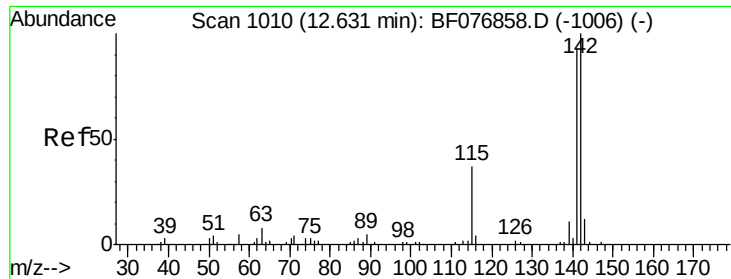
Ion Ratio Lower Upper

107 100

144 22.3 20.0 30.0

142 74.6 63.5 95.3

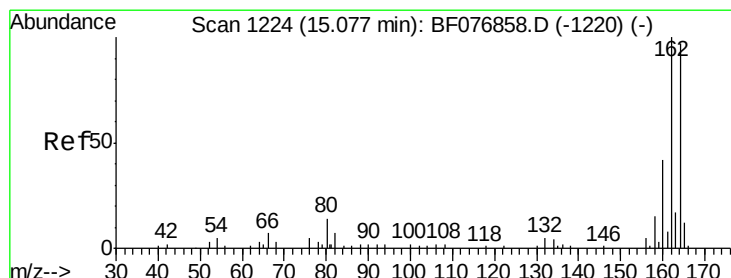
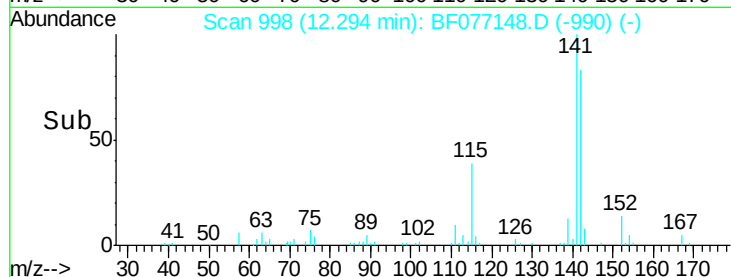
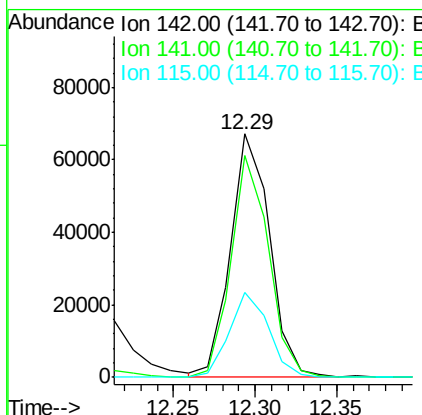
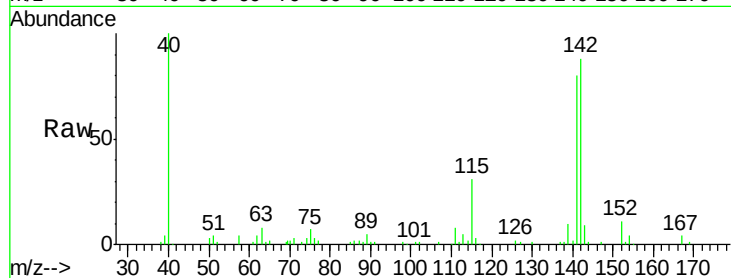




#37
2-Methylnaphthalene
Concen: 23.90 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

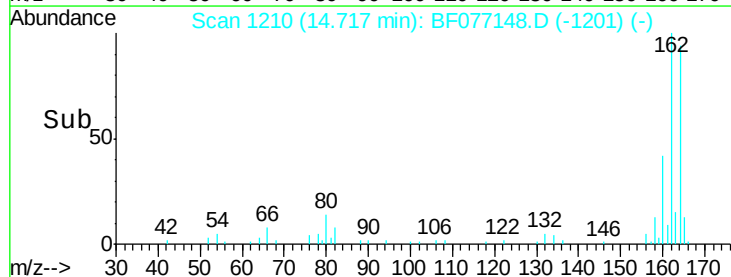
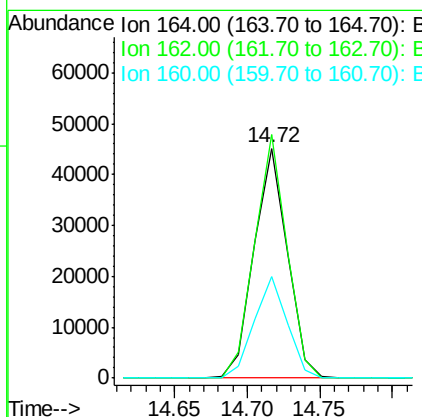
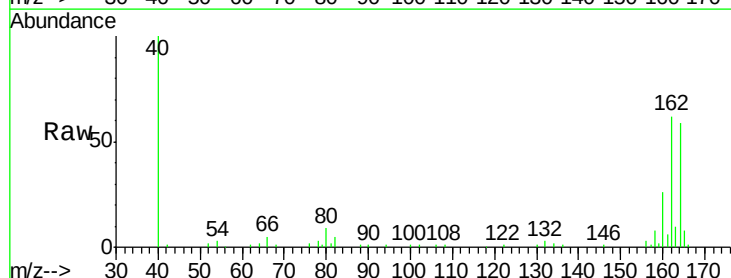
Instrument :
BNA_F
ClientSampleId :

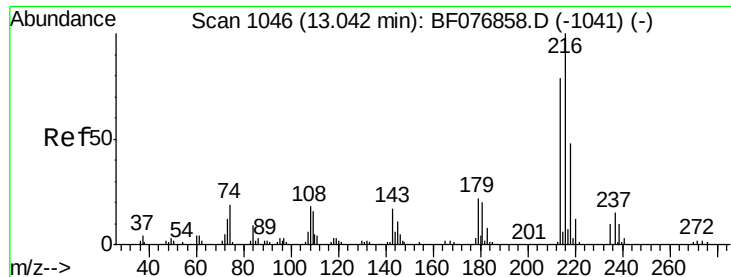
Tot Ion:142 Resp: 111587
Ion Ratio Lower Upper
142 100
141 91.0 74.5 111.7
115 34.8 29.7 44.5



#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. 0.01 min

Lab File: BF077148.D

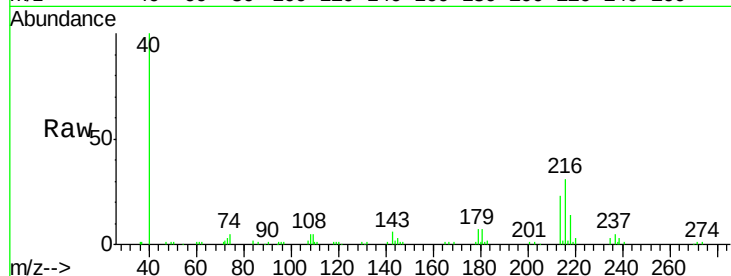
Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	42540
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

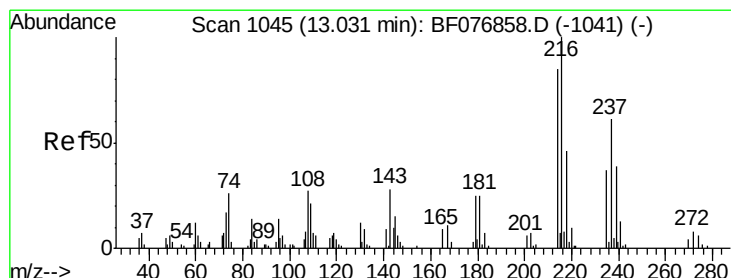
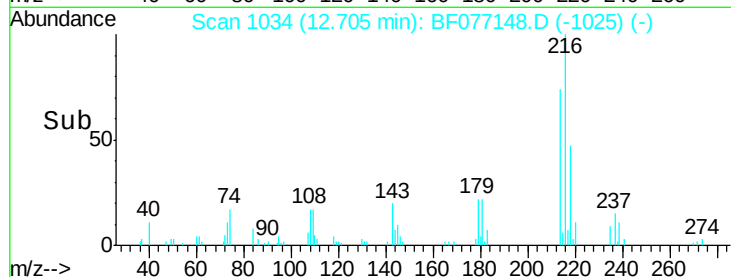
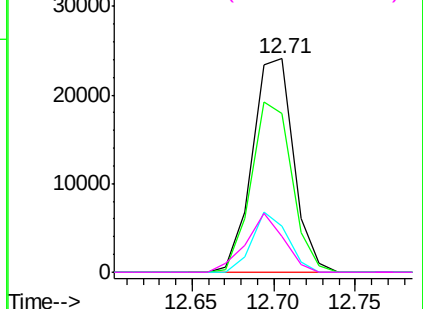


Abundance Ion 216.00 (215.70 to 216.70): E

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

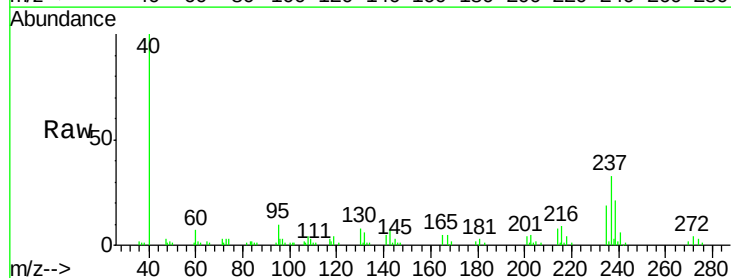
RT: 12.68 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

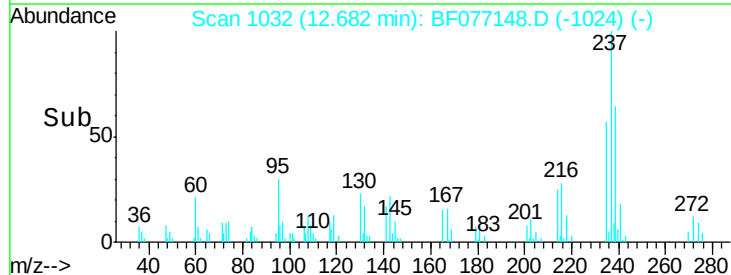
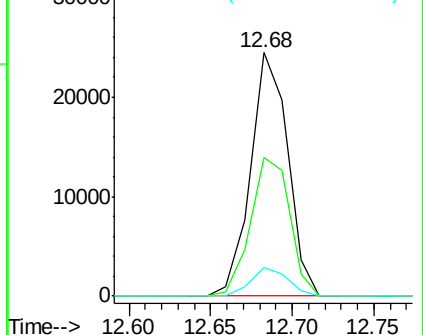
Tgt Ion:	237	Resp:	38771
Ion	Ratio	Lower	Upper
237	100		
235	57.1	40.4	80.4
272	11.9	0.0	33.2

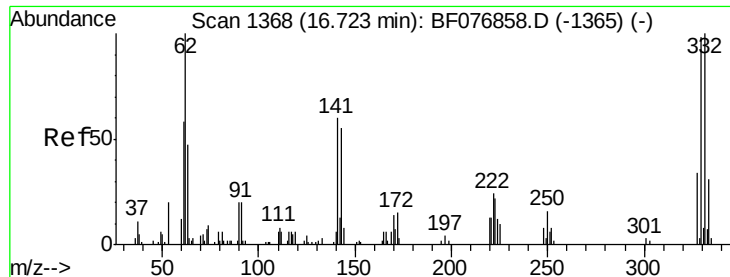


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

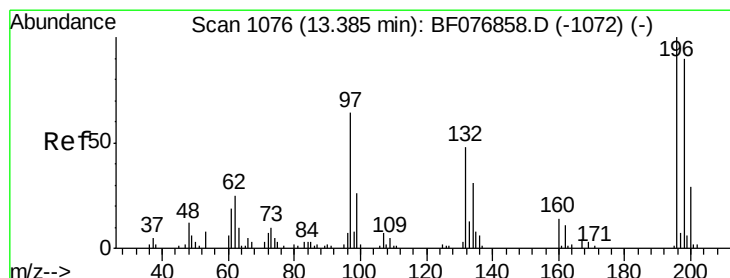
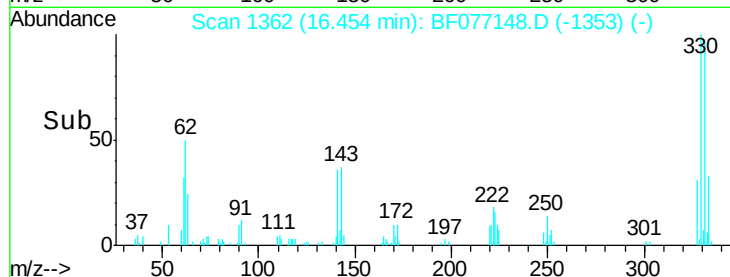
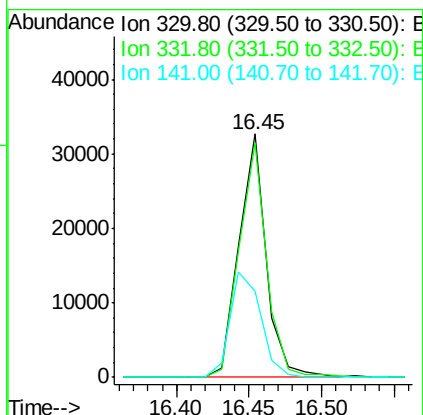
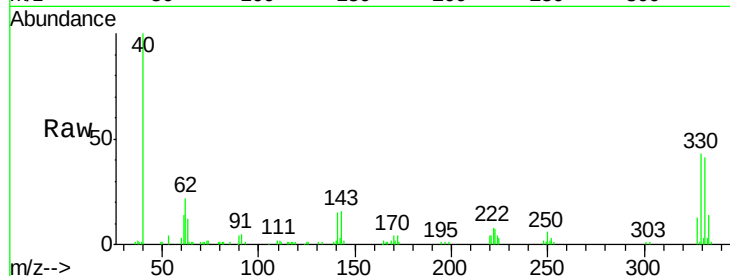




#41
 2,4,6-Tribromophenol
 Concen: 72.91 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

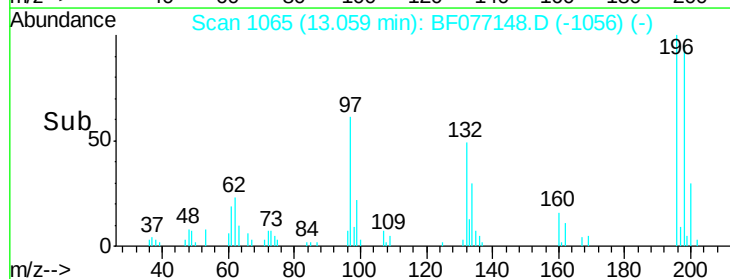
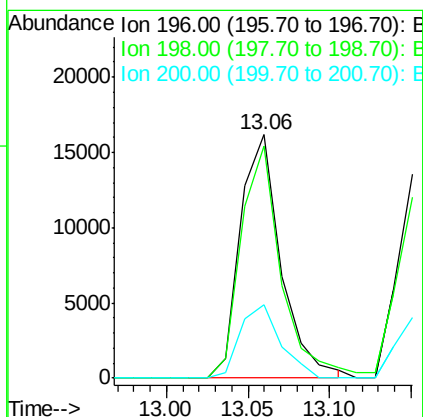
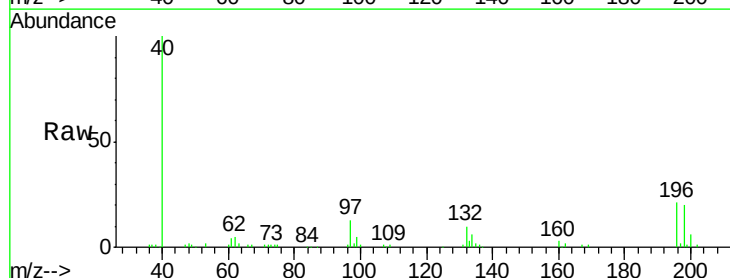
Instrument :
 BNA_F
 ClientSampleId :

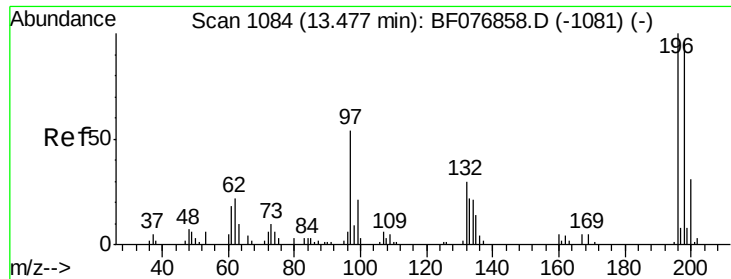
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	48.8	38.5	57.7



#42
 2,4,6-Trichlorophenol
 Concen: 21.55 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	72.0	108.0
200	30.2	23.4	35.2

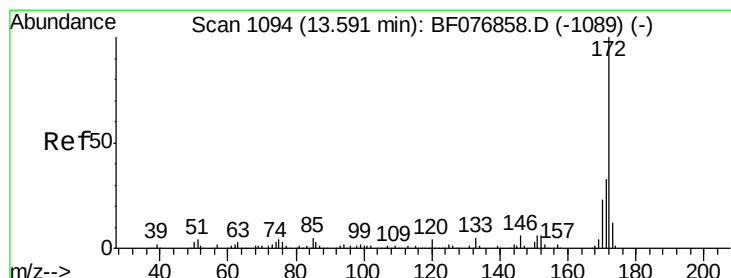
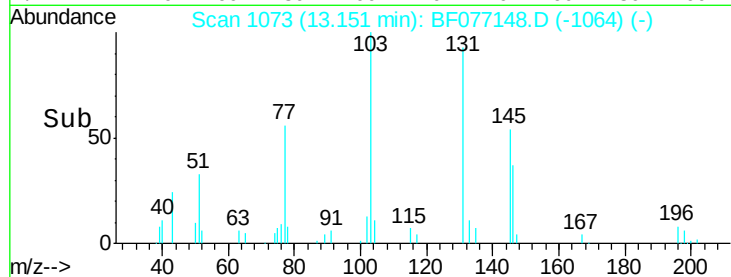
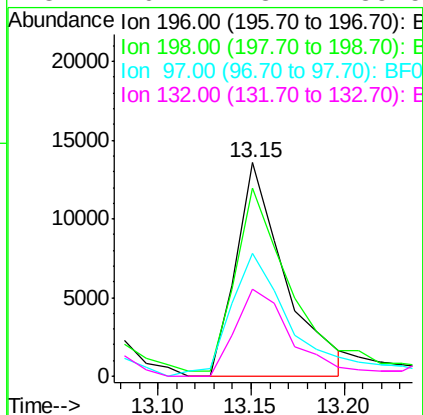
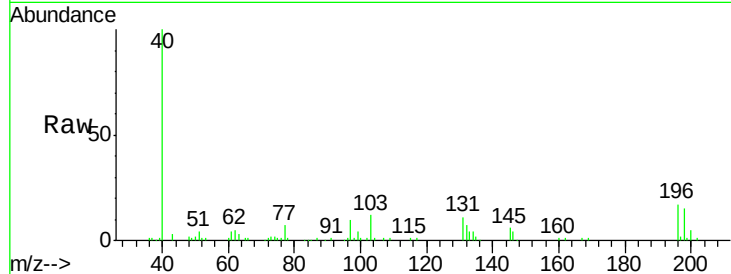




#43
 2,4,5-Trichlorophenol
 Concen: 19.04 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

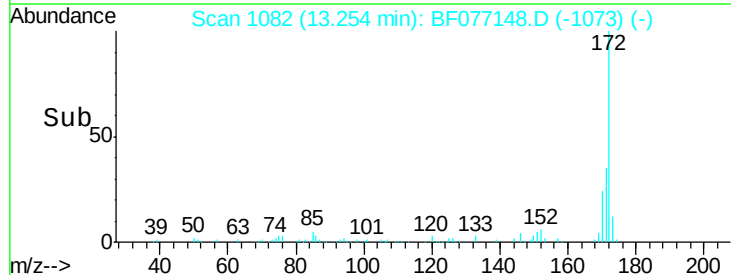
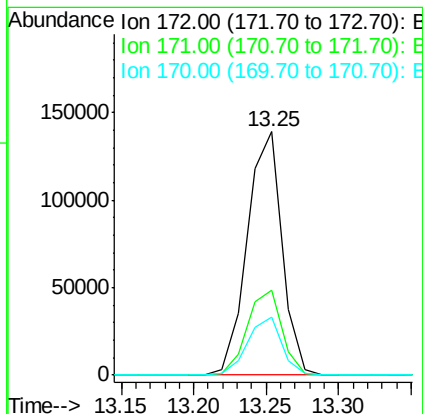
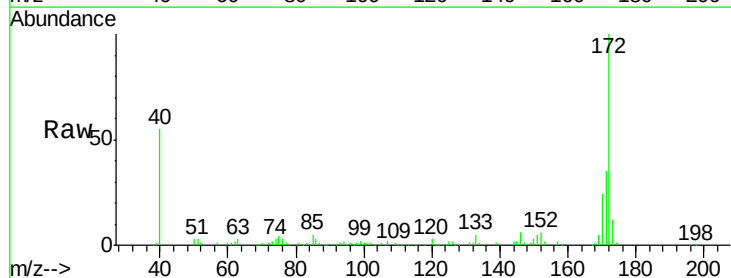
Instrument :
 BNA_F
 ClientSampleId :

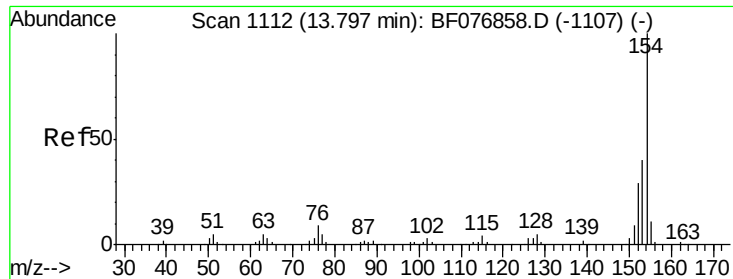
Tot Ion	Ratio	Lower	Upper
196	100		
198	88.3	76.6	115.0
97	57.4	43.4	65.0
132	40.7	23.7	35.5



#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	Ratio	Lower	Upper
172	100		
171	35.1	26.6	40.0
170	23.8	18.0	27.0

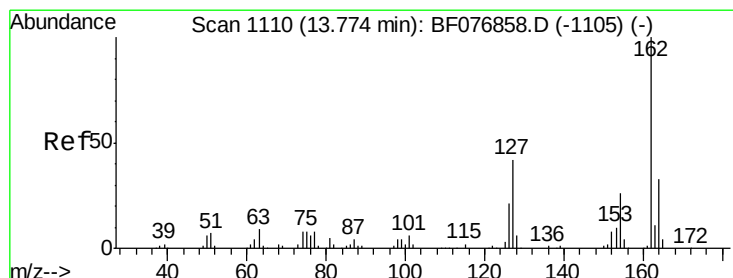
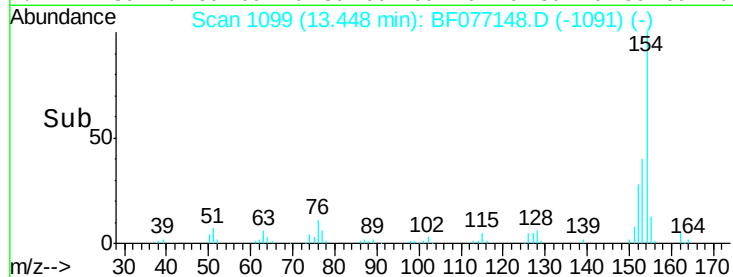
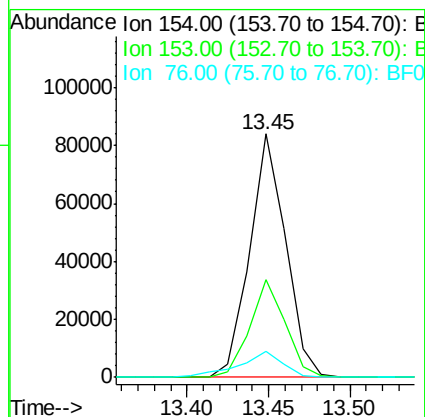
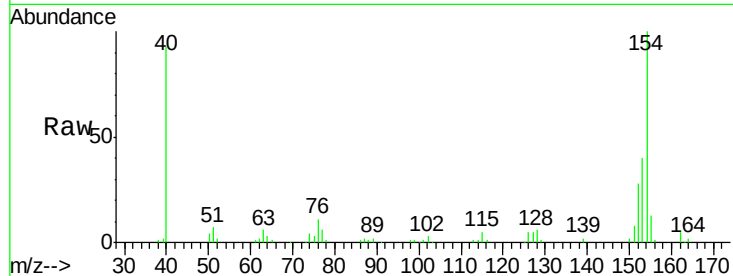




#45
 1,1'-Biphenyl
 Concen: 24.08 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

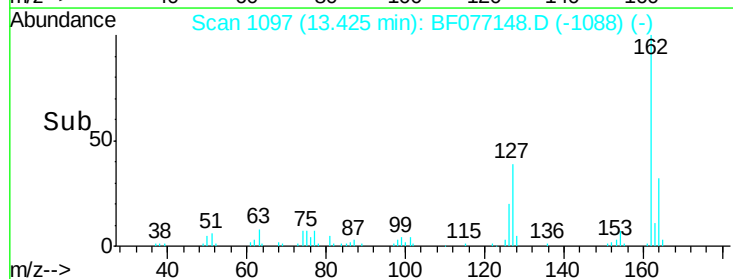
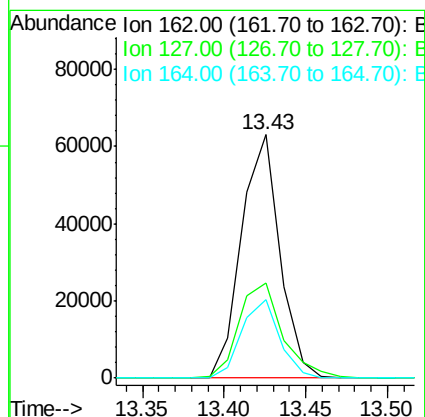
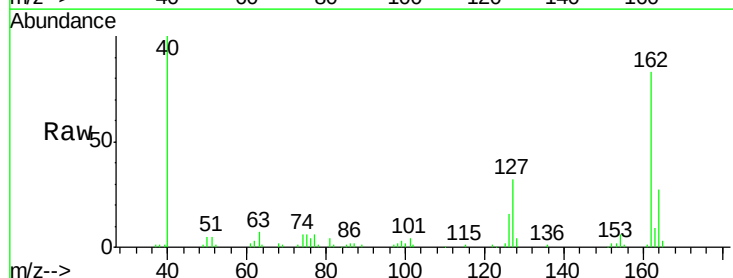
Instrument :
 BNA_F
 ClientSampled :

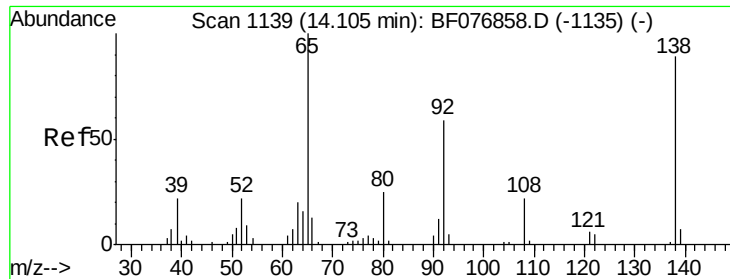
Tot Ion:154 Resp: 128313
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 10.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 23.39 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.01 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: 24.40 ng

RT: 13.78 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampled :

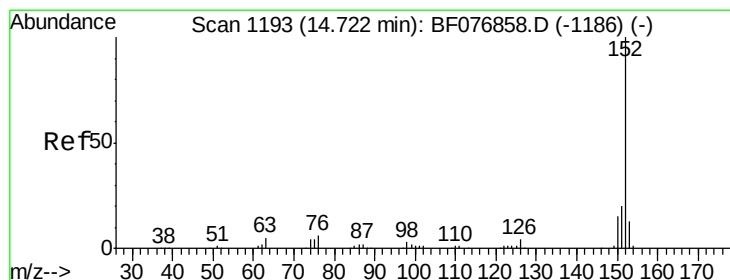
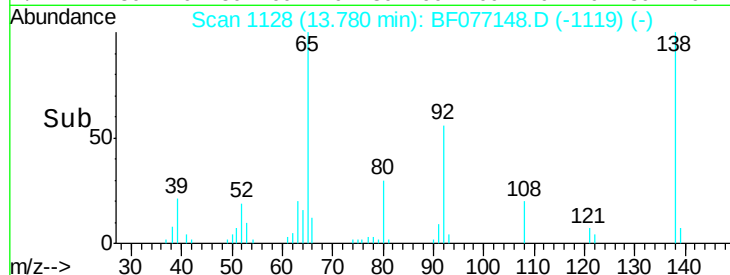
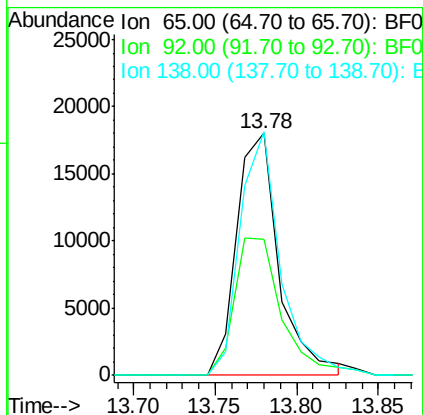
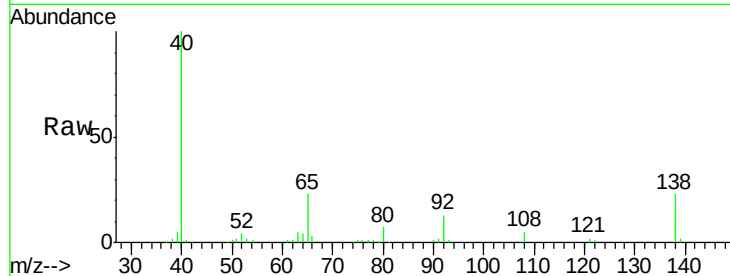
Tot Ion: 65 Resp: 32450

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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

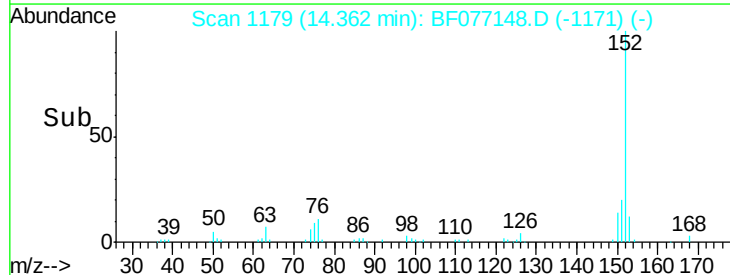
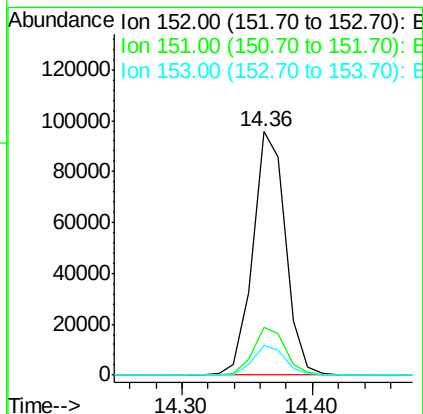
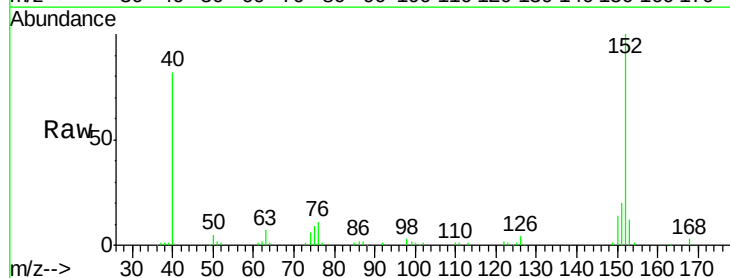
Tgt Ion: 152 Resp: 167098

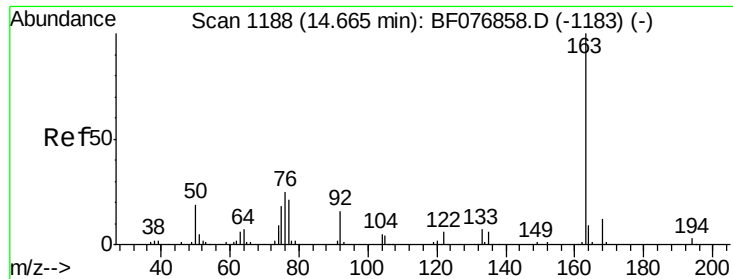
Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.4 10.2 15.4

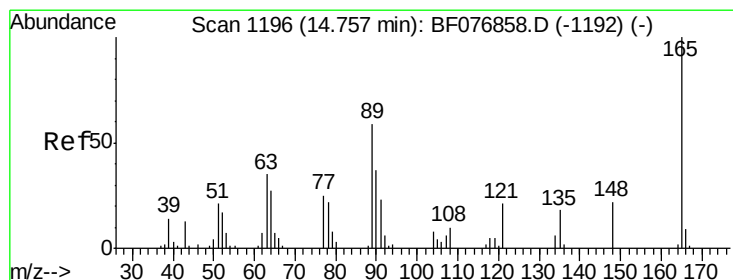
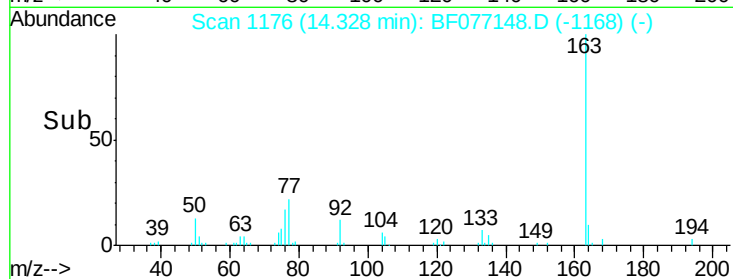
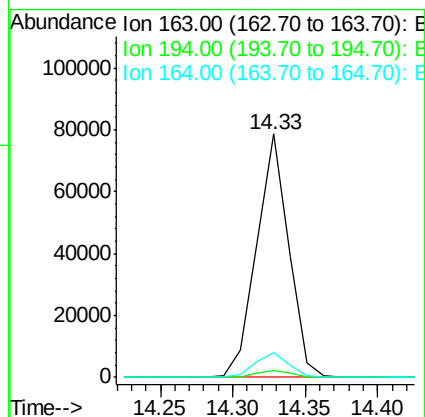
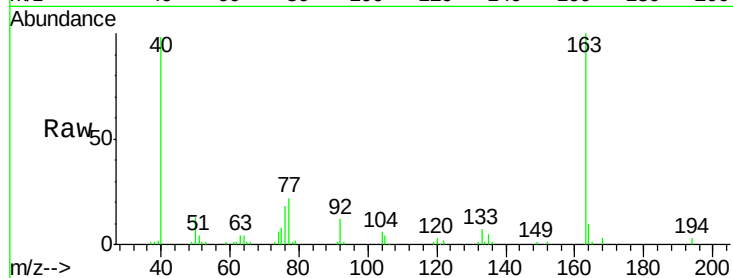




#49
Dimethylphthalate
Concen: 23.63 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

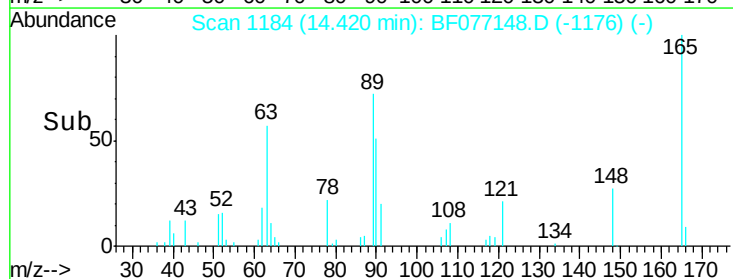
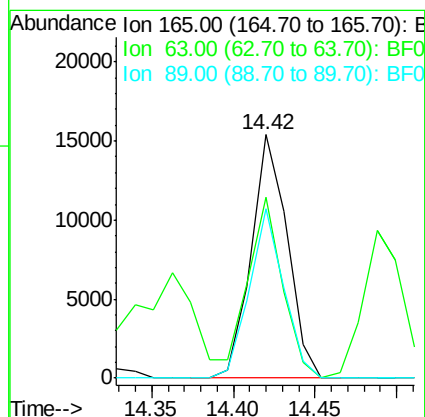
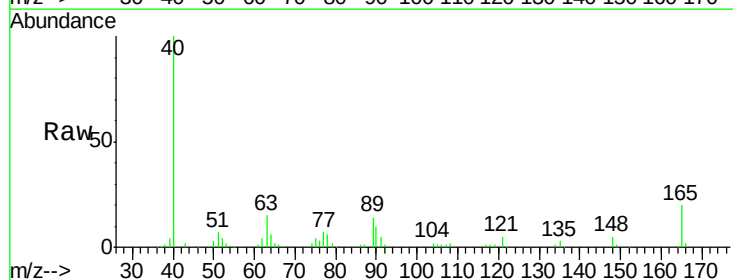
Instrument :
BNA_F
ClientSampled :

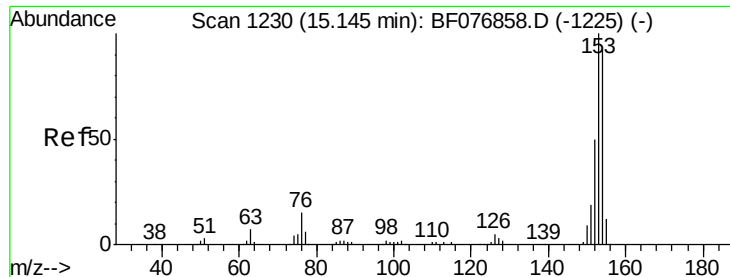
Tot Ion:163 Resp: 120451
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.4 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 23.14 ng
RT: 14.42 min Scan# 1184
Delta R.T. -0.01 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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampled :

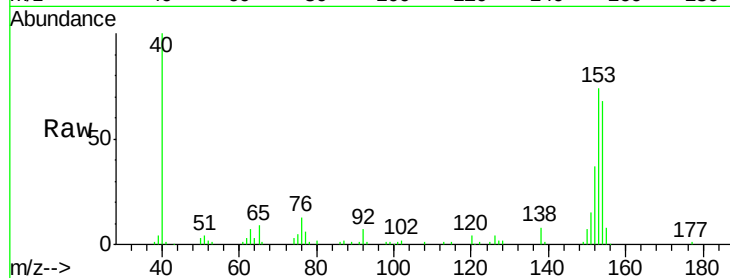
Tot Ion:154 Resp: 93769

Ion Ratio Lower Upper

154 100

153 109.7 87.0 130.6

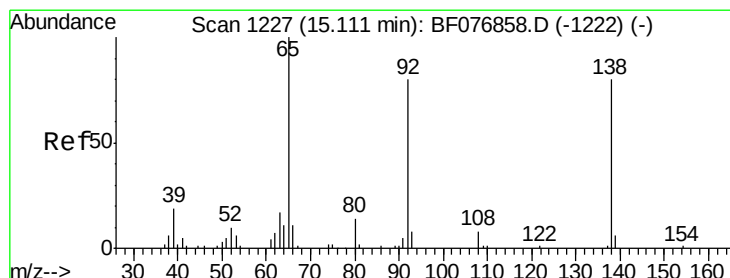
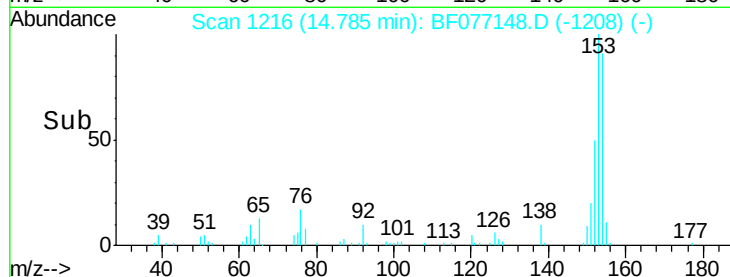
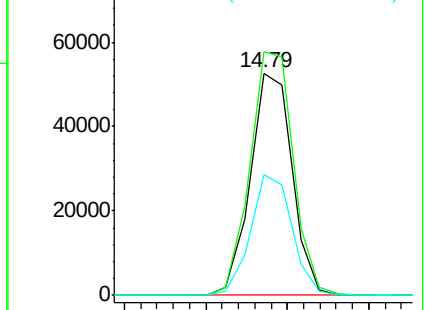
152 54.5 43.5 65.3



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: 17.69 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

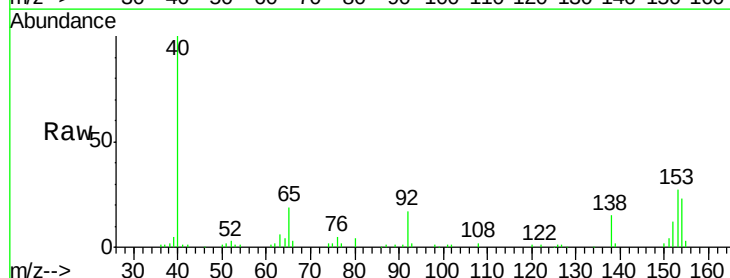
Tgt Ion:138 Resp: 21942

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

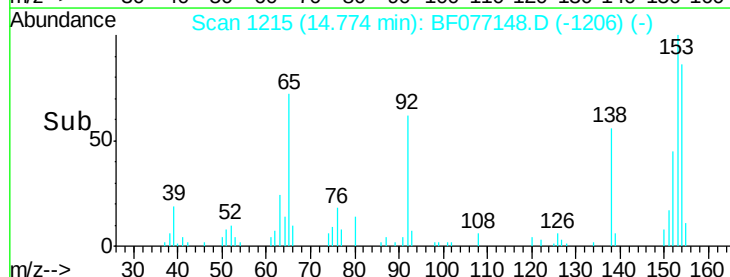
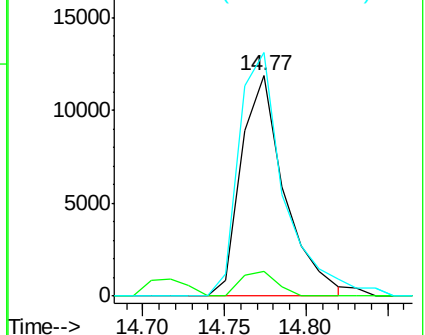
92 110.6 80.9 121.3

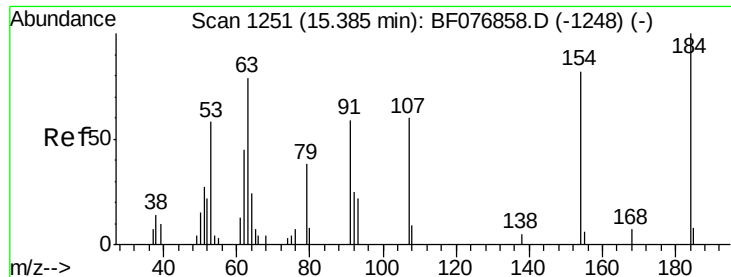


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

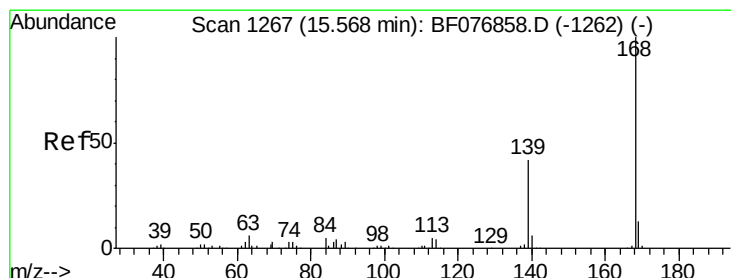
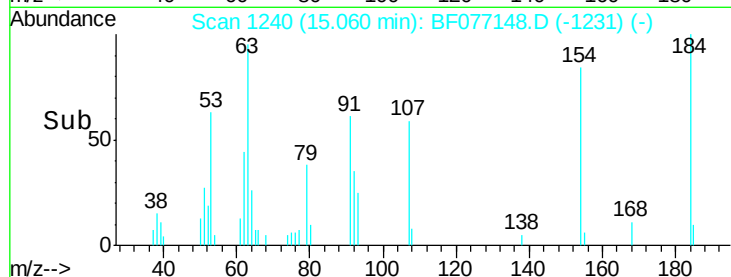
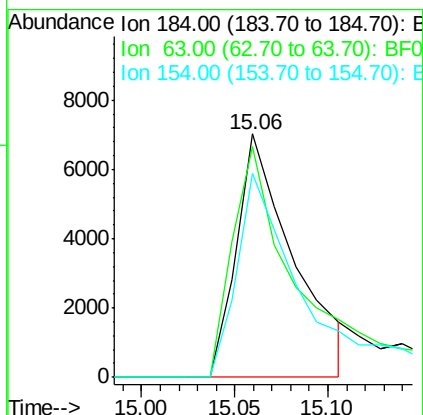
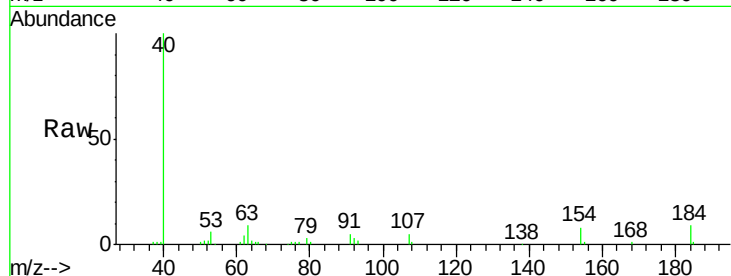




#53
2,4-Dinitrophenol
Concen: 38.42 ng
RT: 15.06 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

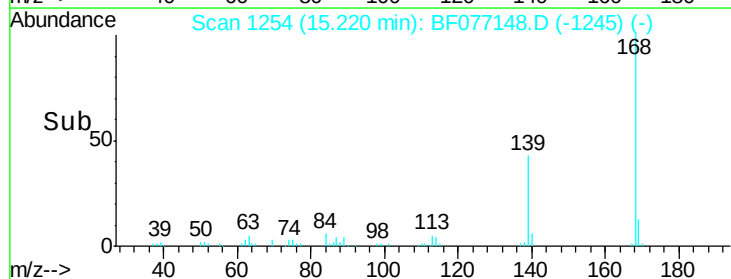
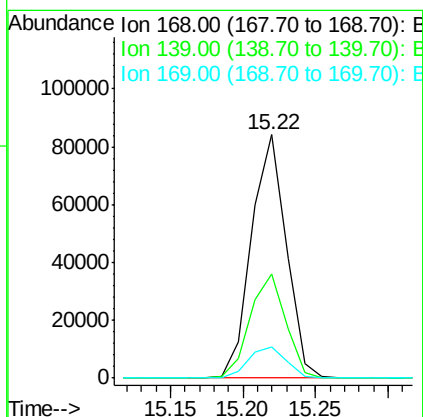
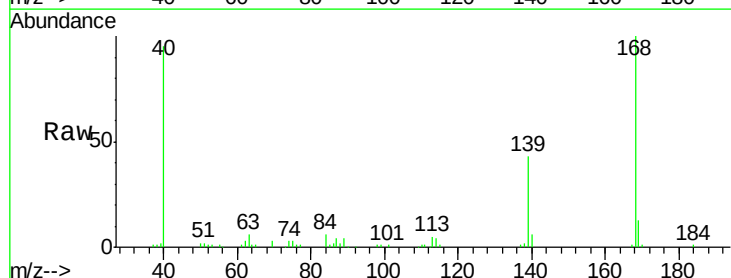
Instrument :
BNA_F
ClientSampleId :

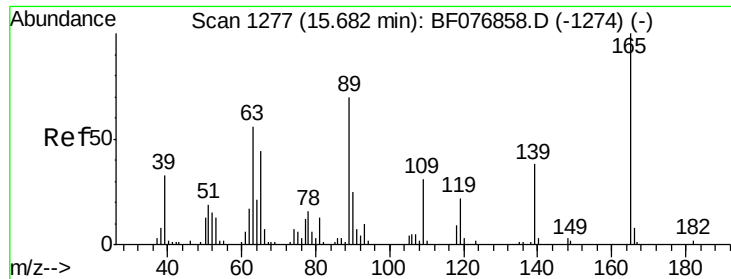
Tot Ion:184 Resp: 14939
Ion Ratio Lower Upper
184 100
63 95.0 63.0 94.6#
154 83.6 65.5 98.3



#54
Dibenzofuran
Concen: 22.95 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.01 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

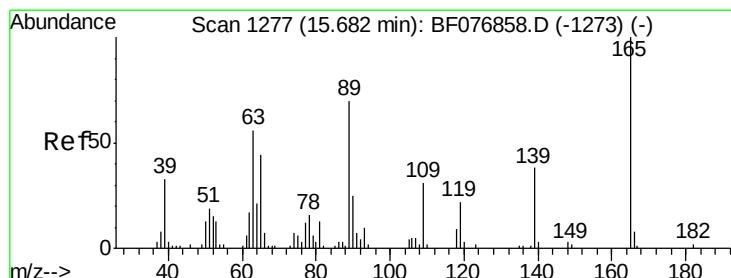
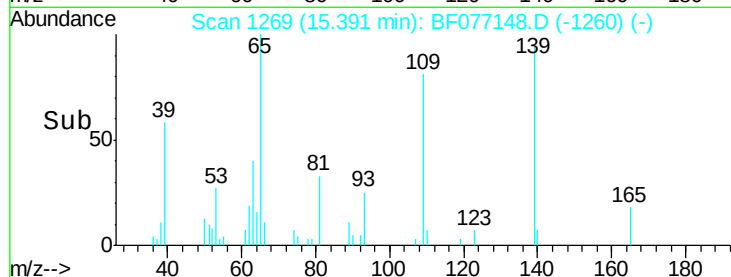
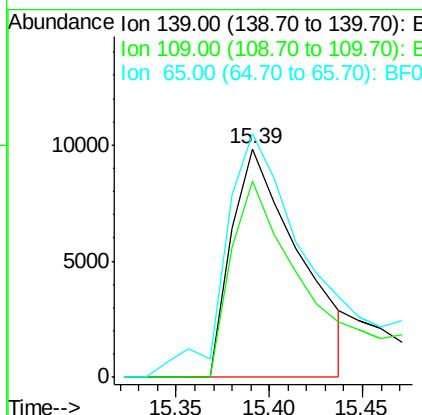
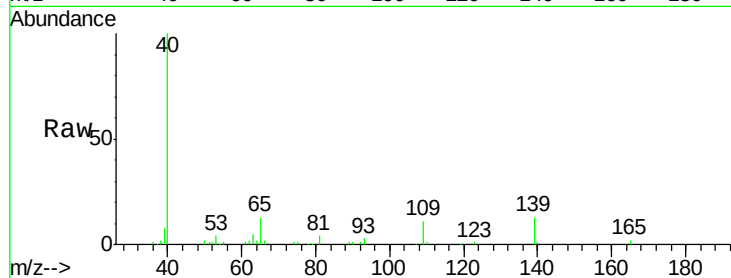




#55
4-Nitrophenol
Concen: 31.17 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

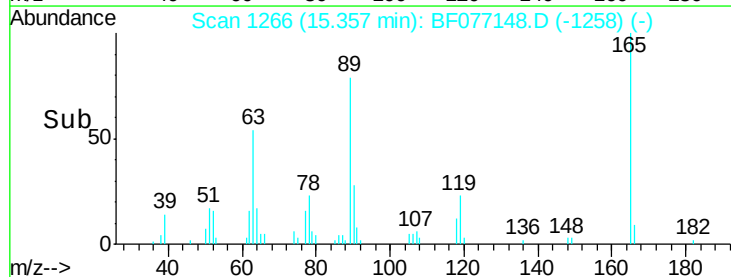
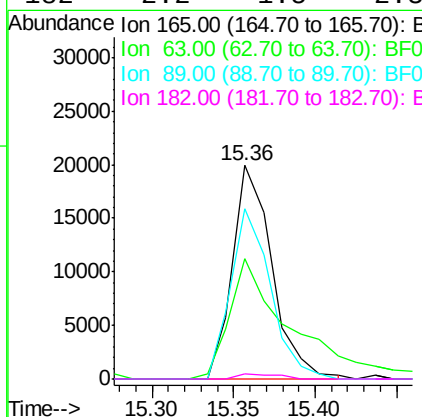
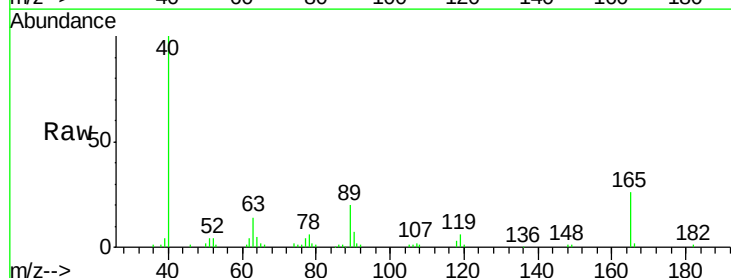
Instrument :
BNA_F
ClientSampleId :

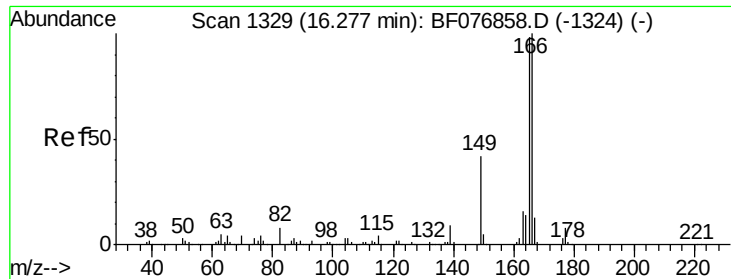
Tot Ion:139 Resp: 24906
Ion Ratio Lower Upper
139 100
109 86.1 61.0 101.0
65 106.6 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 23.09 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 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

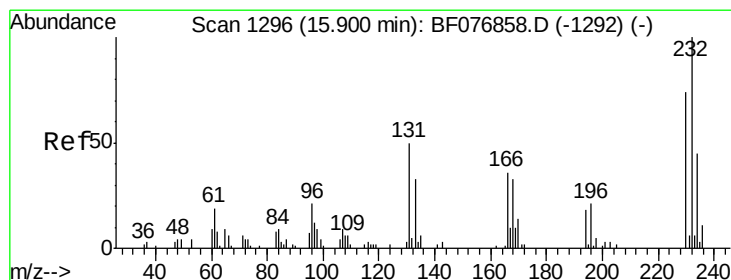
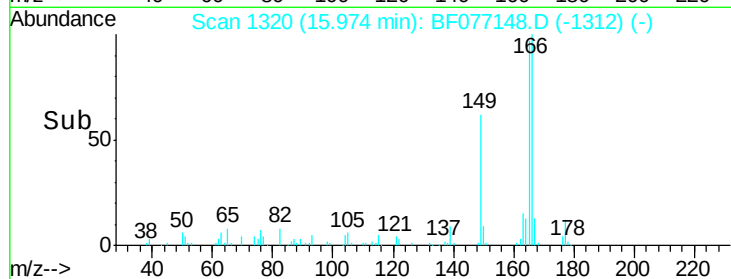
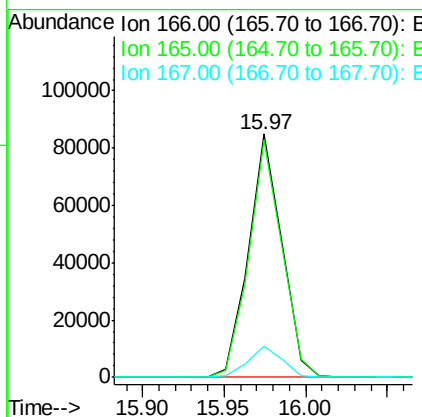
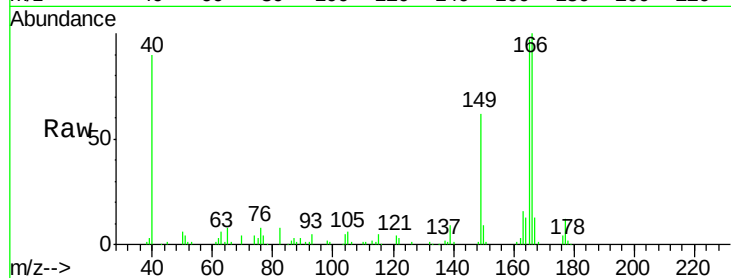




#57
 Fluorene
 Concen: 23.28 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

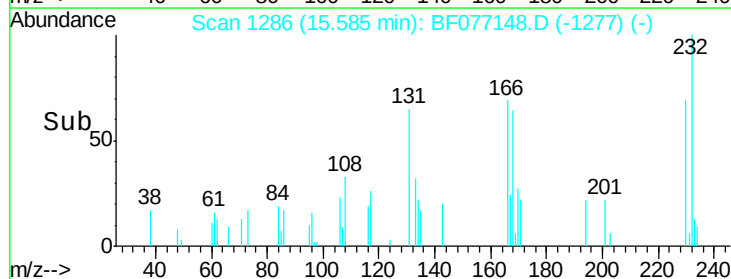
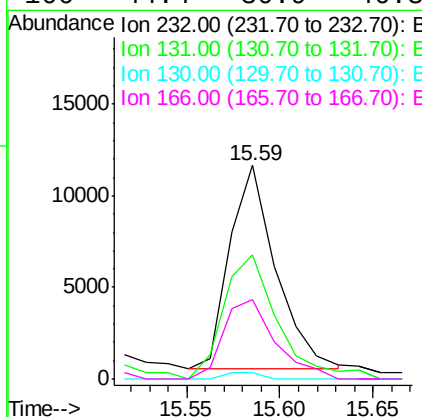
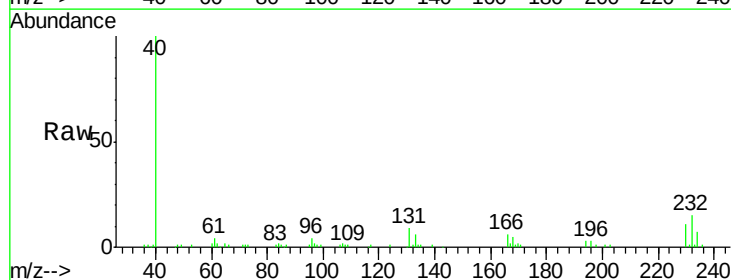
Instrument :
 BNA_F
 ClientSampleId :

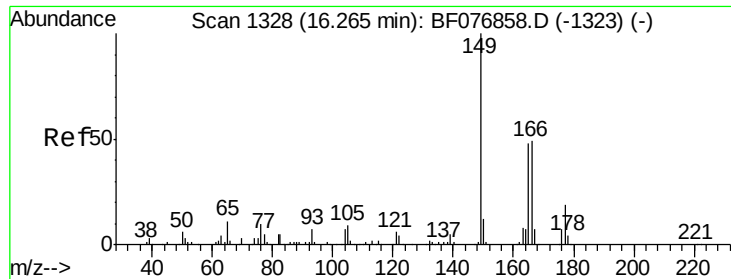
Tot Ion:166 Resp: 120545
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.5 117.7
 167 12.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.85 ng
 RT: 15.59 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:232 Resp: 19085
 Ion Ratio Lower Upper
 232 100
 131 70.7 45.0 67.6#
 130 2.5 2.6 3.8#
 166 44.4 30.9 46.3

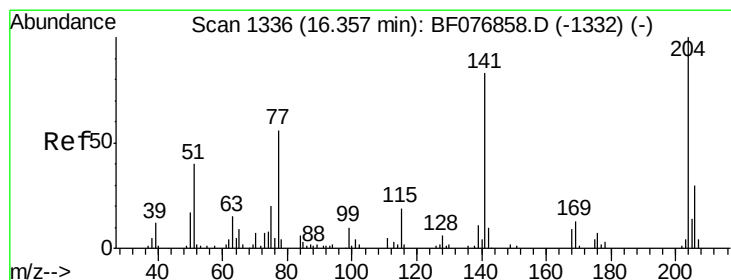
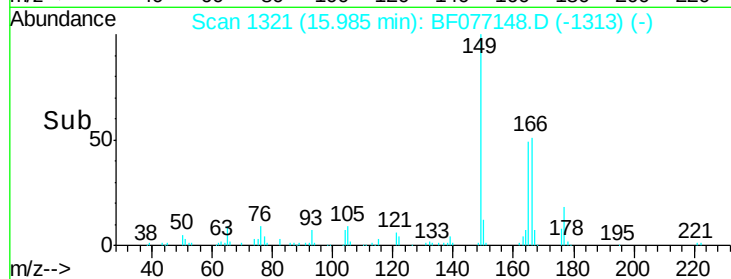
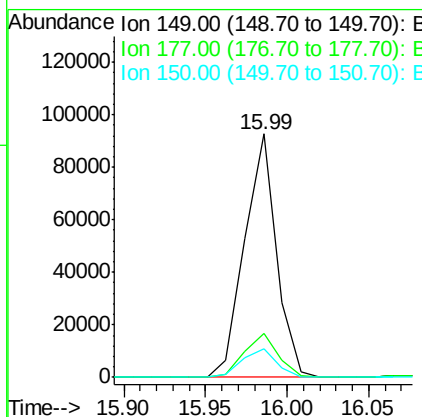
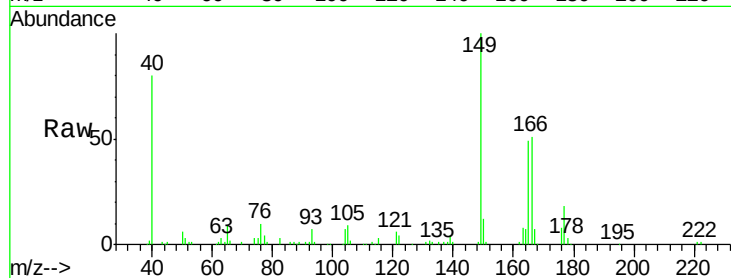




#59
Diethylphthalate
Concen: 24.35 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

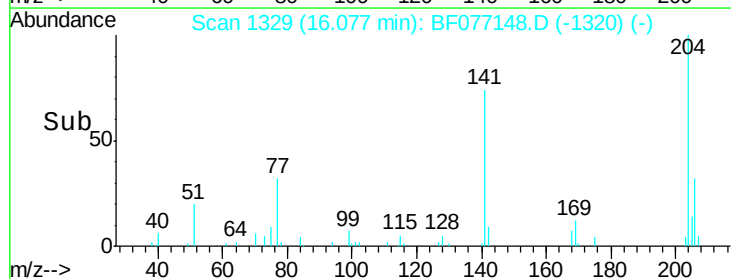
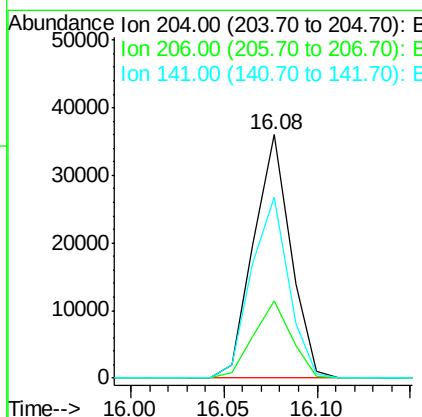
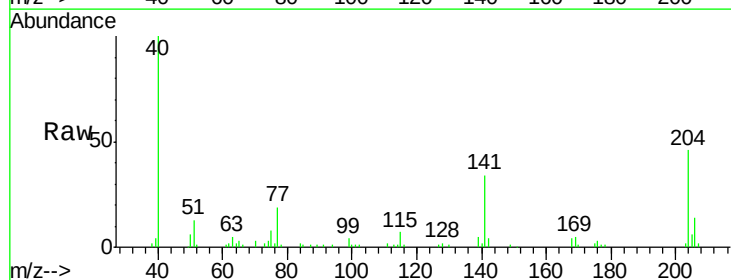
Instrument :
BNA_F
ClientSampleId :

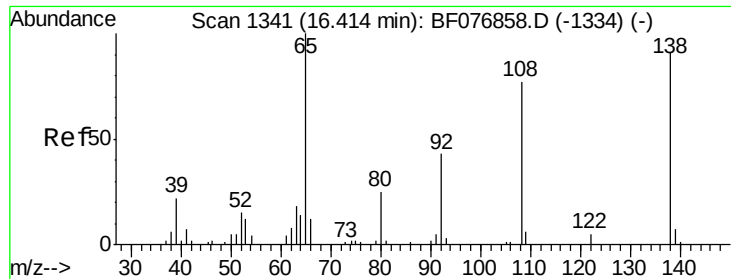
Tot Ion:149 Resp: 125449
Ion Ratio Lower Upper
149 100
177 18.3 15.0 22.6
150 11.8 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 23.46 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:204 Resp: 49710
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 74.4 66.7 100.1

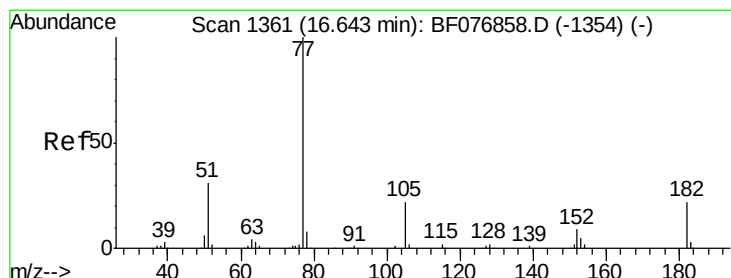
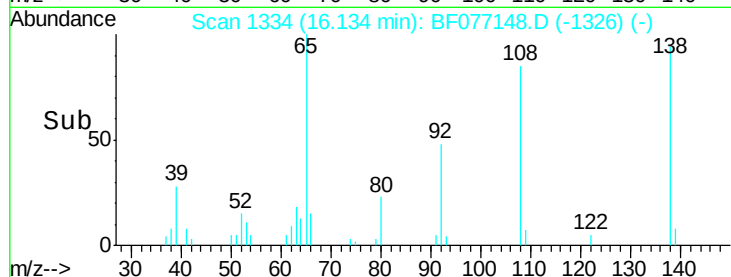
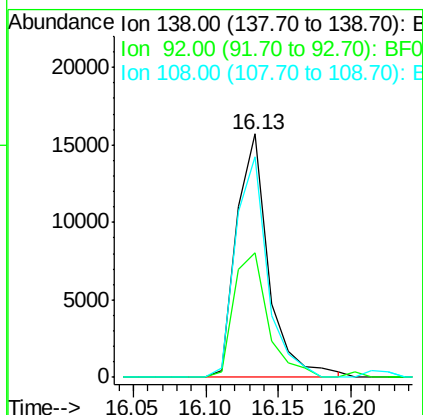
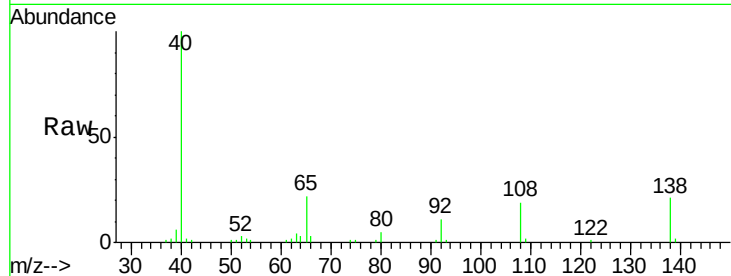




#61
4-Nitroaniline
Concen: 19.70 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

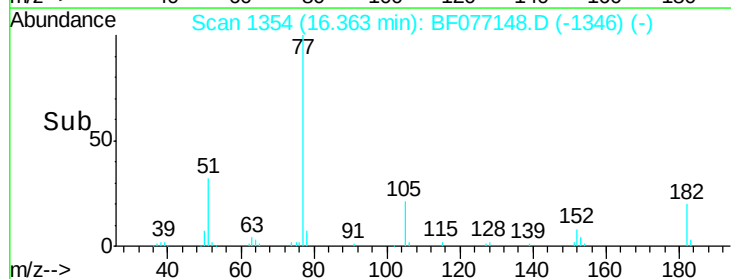
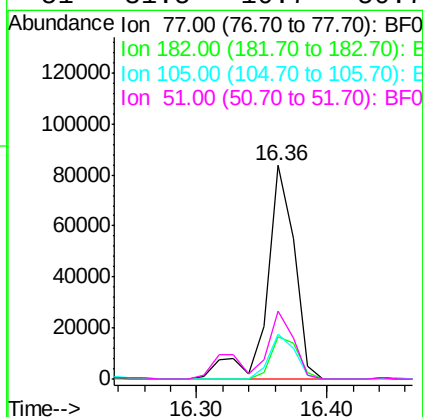
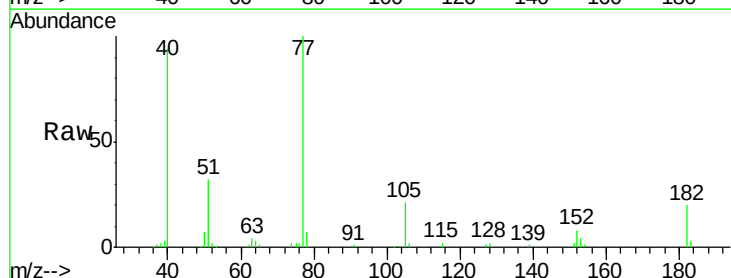
Instrument :
BNA_F
ClientSampled :

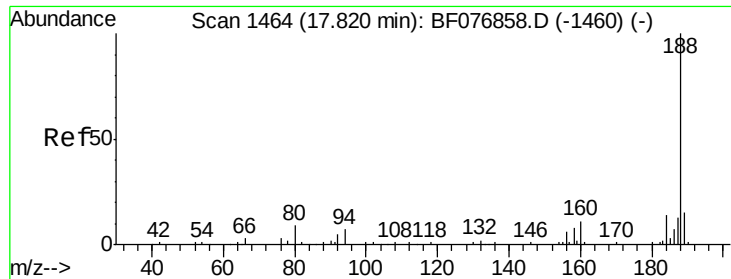
Tot Ion:138 Resp: 24181
Ion Ratio Lower Upper
138 100
92 51.0 26.7 66.7
108 90.7 64.5 104.5



#62
Azobenzene
Concen: 23.41 ng
RT: 16.36 min Scan# 1354
Delta R.T. -0.01 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

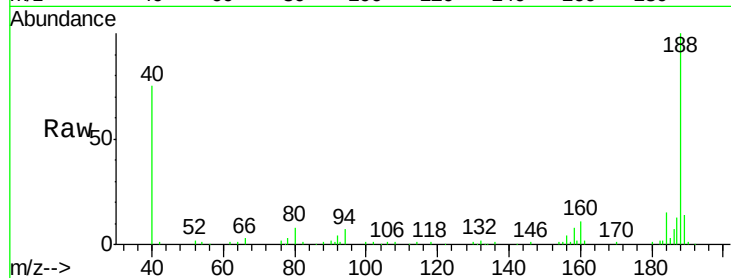




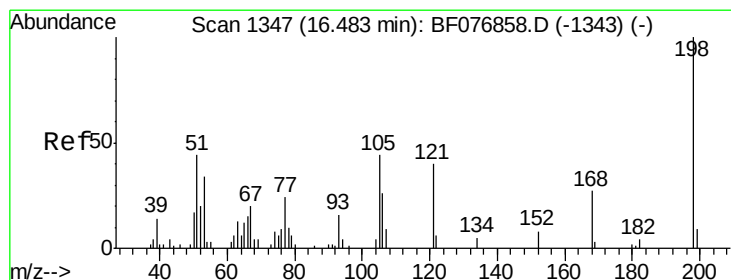
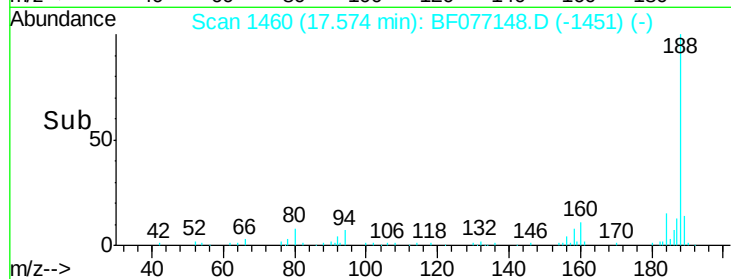
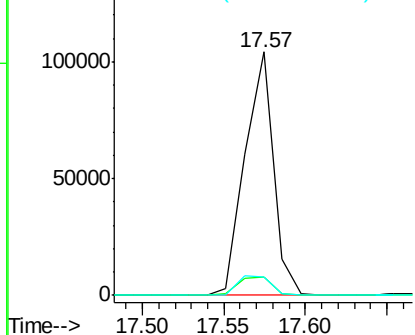
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleID :

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

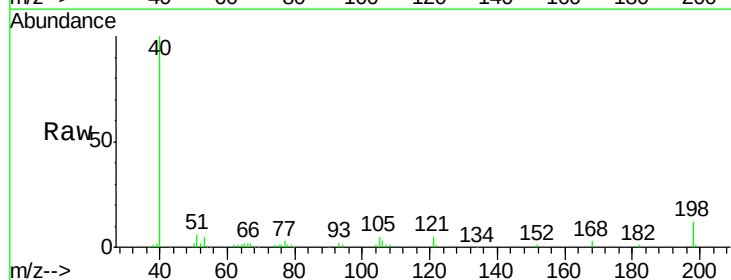


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

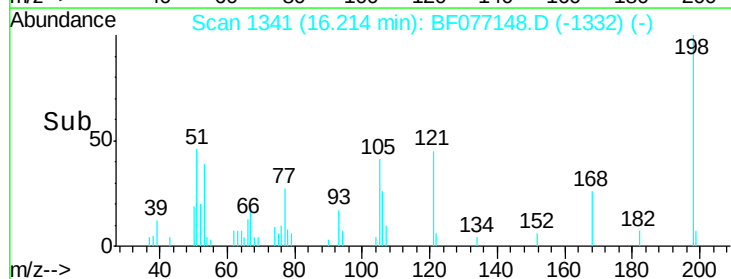
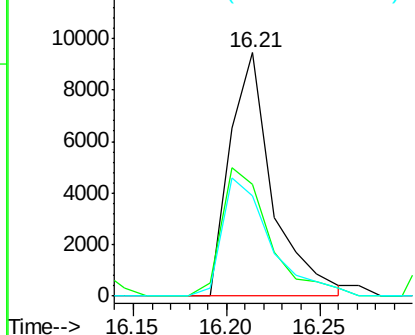


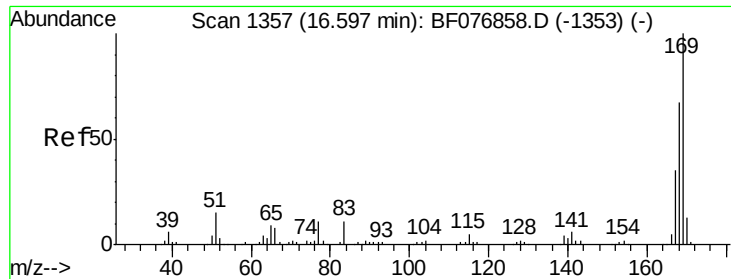
#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.64 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

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

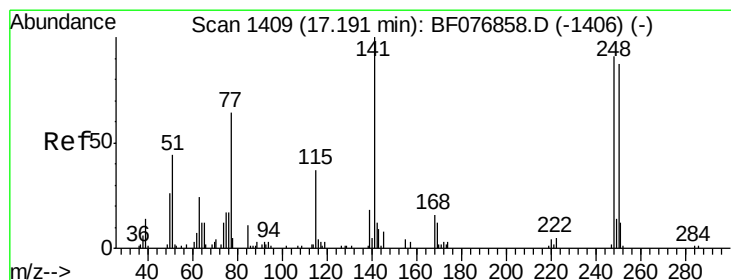
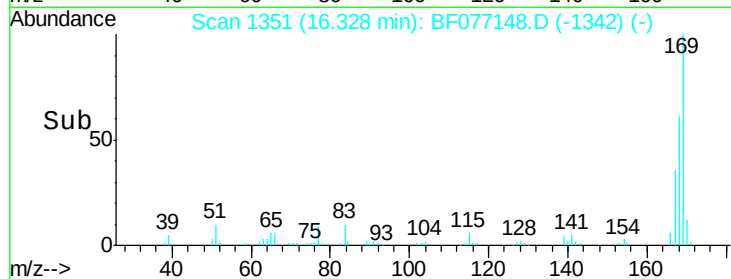
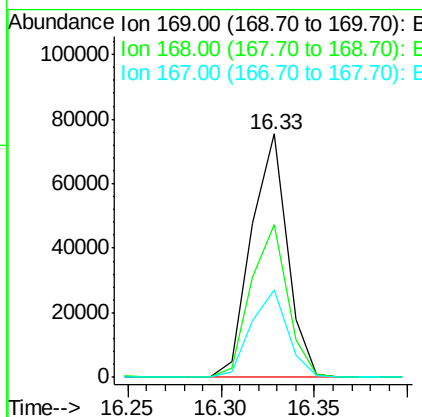
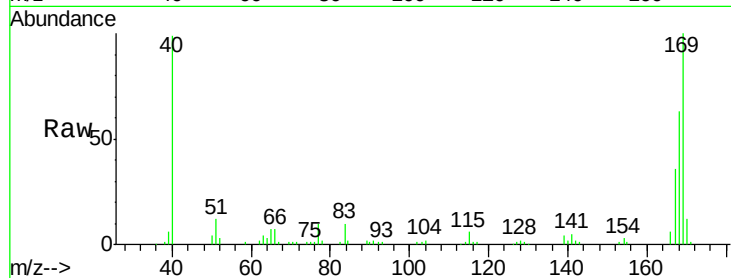




#65
 n-Nitrosodiphenylamine
 Concen: 22.45 ng
 RT: 16.33 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

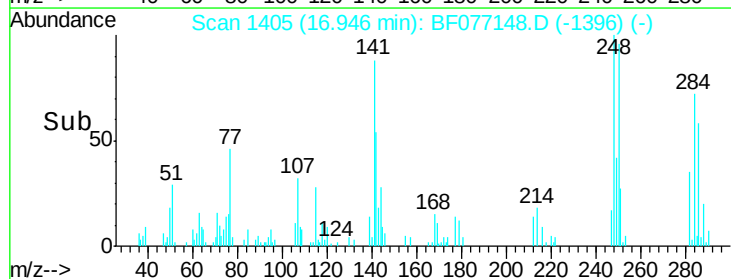
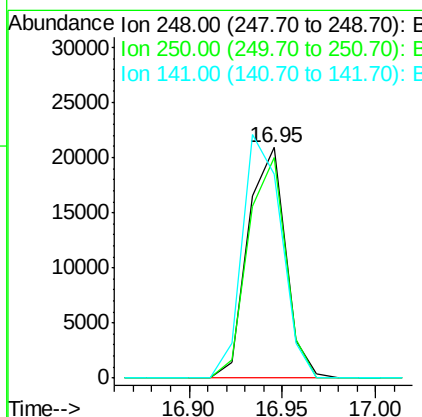
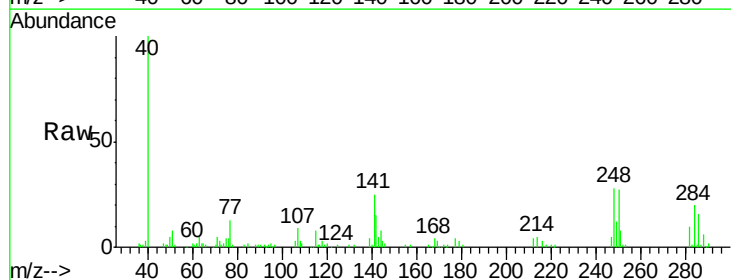
Instrument :
 BNA_F
 ClientSampled :

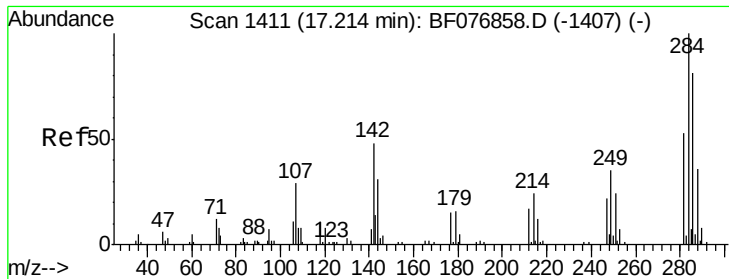
Tot Ion:169 Resp: 100820
 Ion Ratio Lower Upper
 169 100
 168 62.8 53.8 80.6
 167 35.8 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 22.84 ng
 RT: 16.95 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Tgt Ion:248 Resp: 29147
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 88.4 88.2 132.4





#67

Hexachlorobenzene

Concen: 23.12 ng

RT: 16.96 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampled :

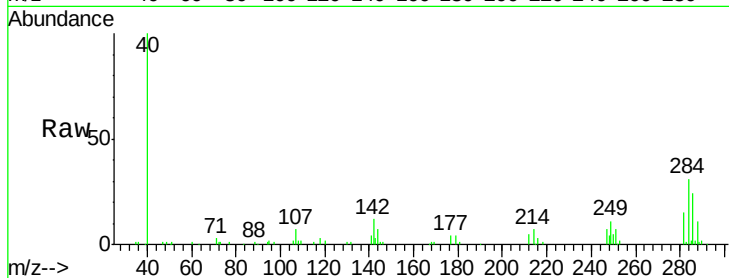
Tot Ion:284 Resp: 31084

Ion Ratio Lower Upper

284 100

142 38.2 38.2 57.4#

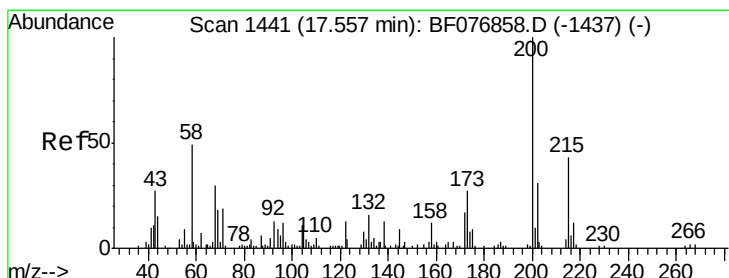
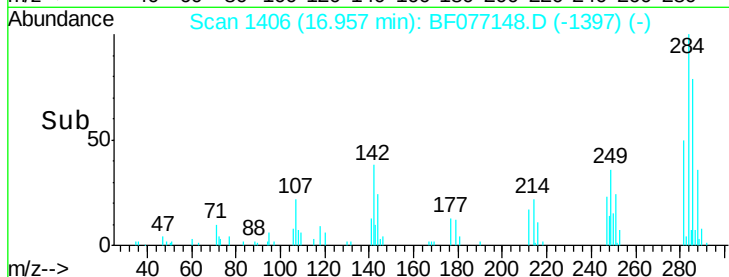
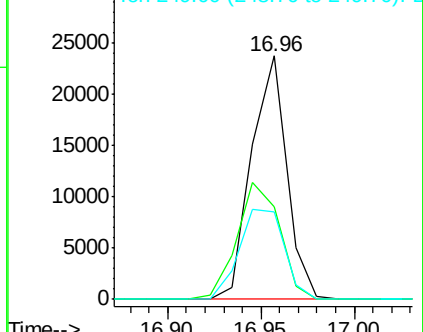
249 36.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 23.73 ng

RT: 17.32 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

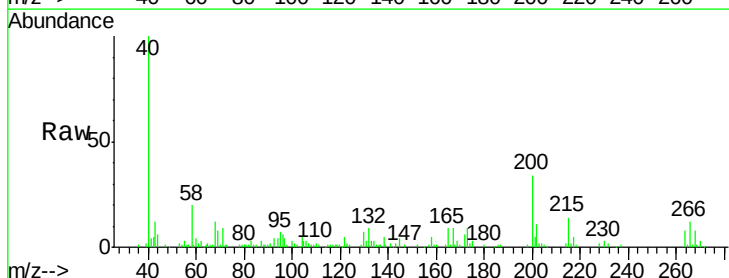
Tgt Ion:200 Resp: 32340

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

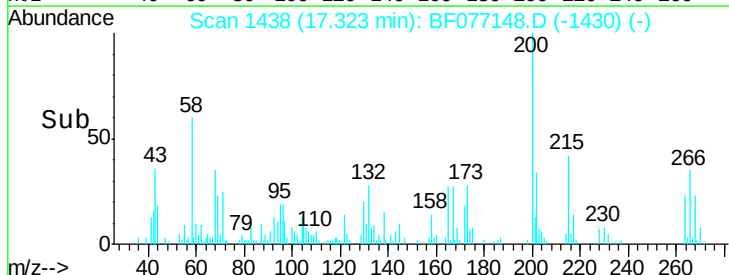
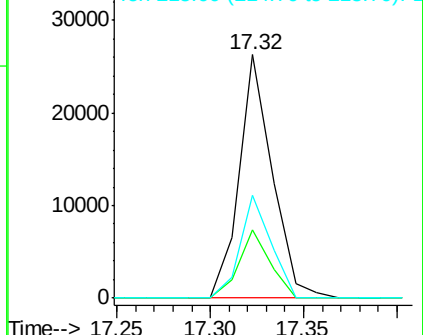
215 42.1 22.9 62.9

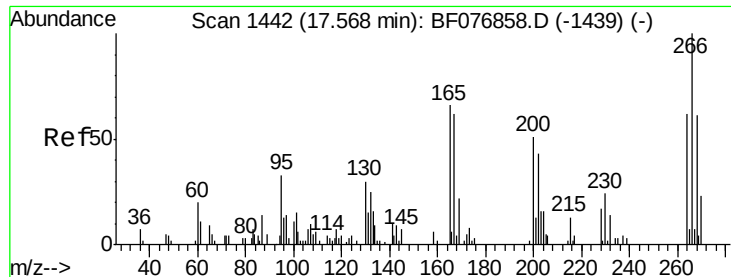


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

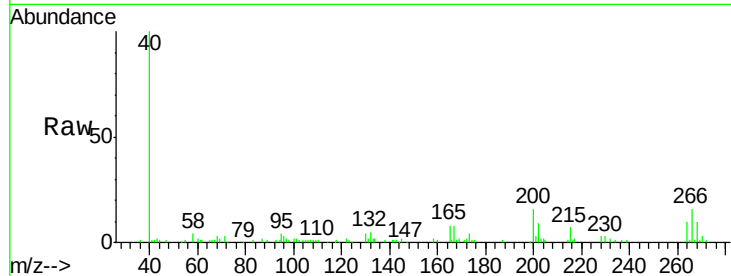




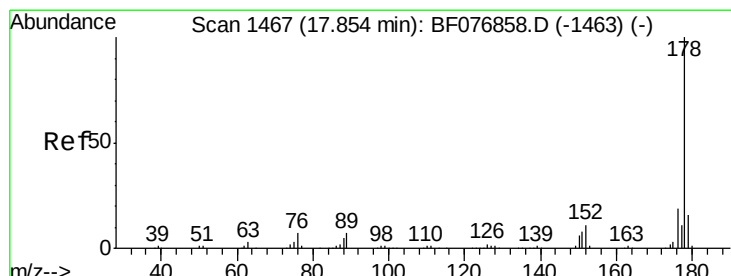
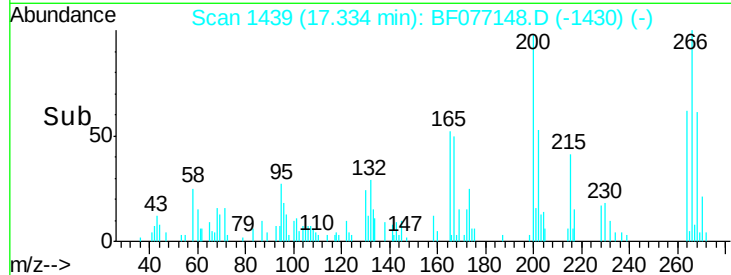
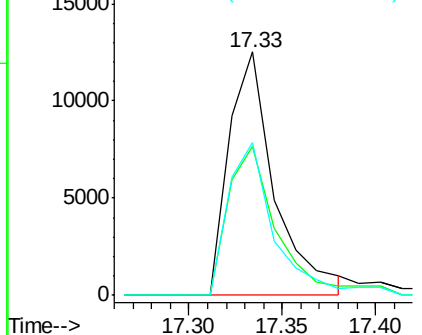
#69
 Pentachlorophenol
 Concen: 38.63 ng
 RT: 17.33 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 21416
 Ion Ratio Lower Upper
 266 100
 268 61.4 48.6 72.8
 264 62.5 49.5 74.3

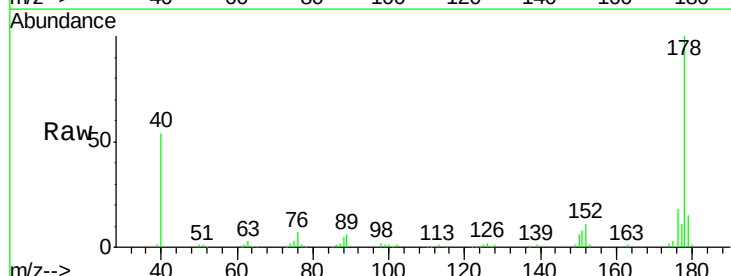


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

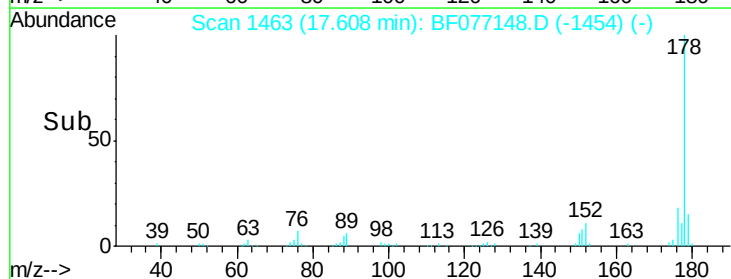
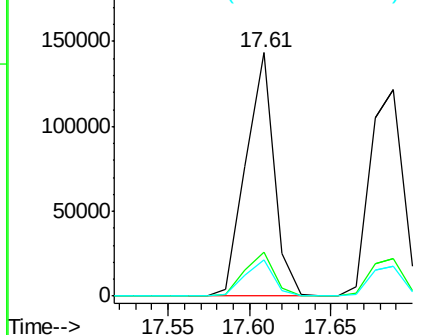


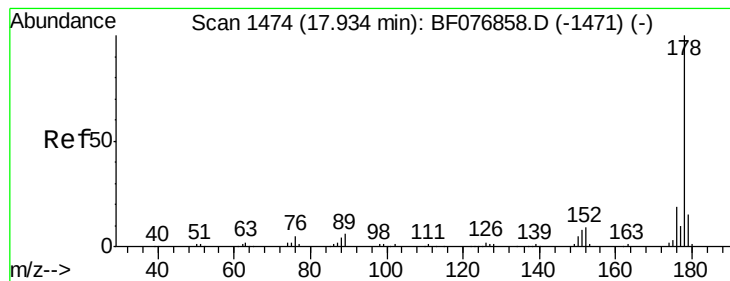
#70
 Phenanthrene
 Concen: 21.84 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF077148.D
 Acq: 30 Jan 2015 15:49

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



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





#71

Anthracene

Concen: 22.64 ng

RT: 17.69 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

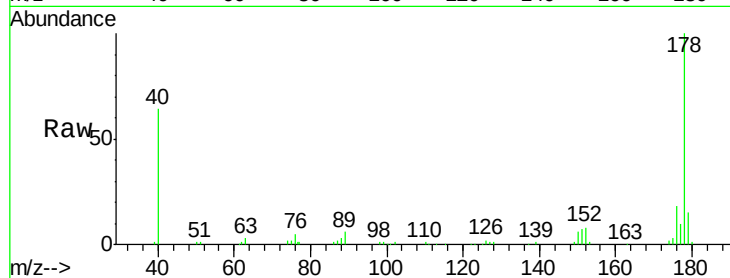
Tot Ion:178 Resp: 173379

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

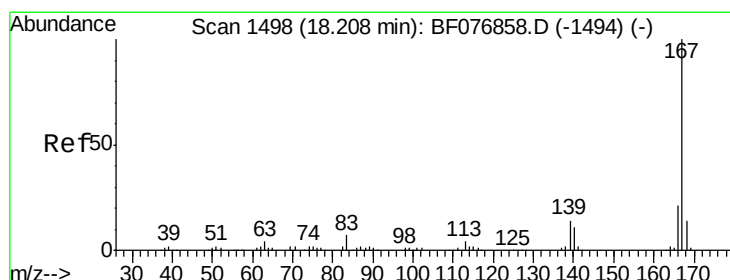
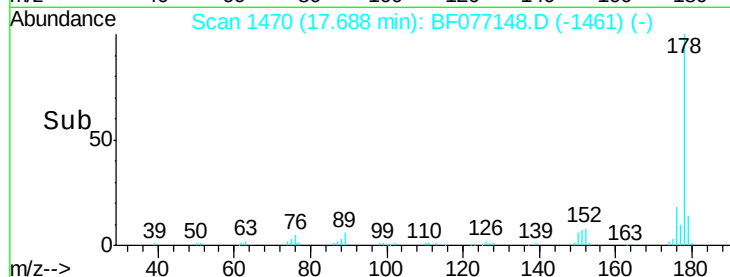
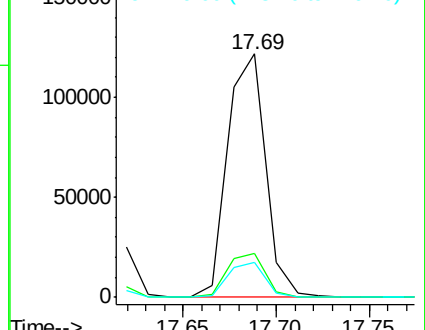
179 14.5 11.9 17.9



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. -0.01 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

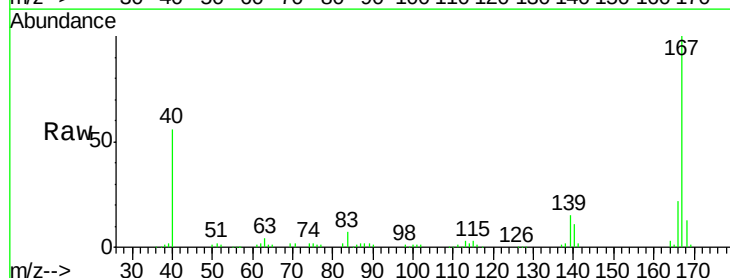
Tgt Ion:167 Resp: 163377

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

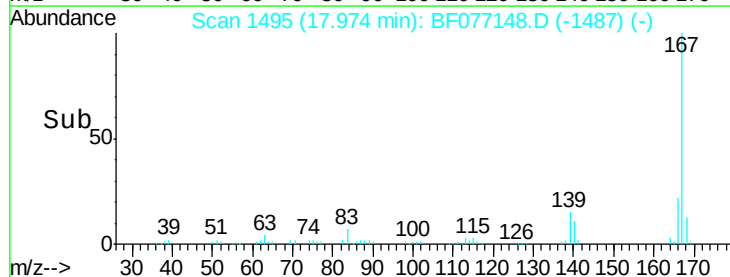
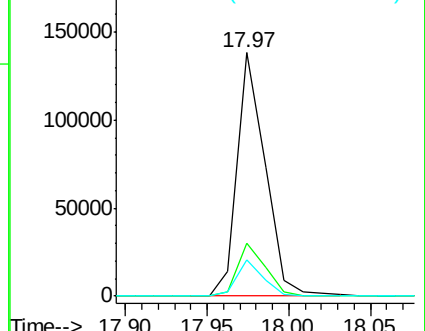
139 14.8 11.3 16.9

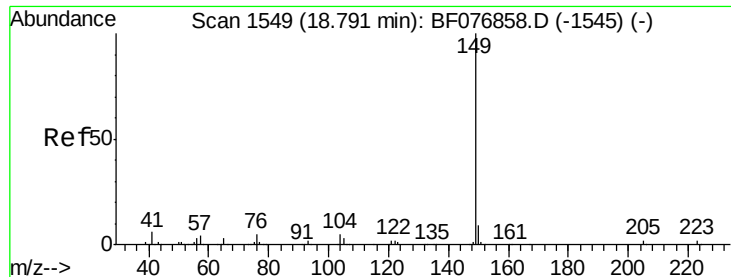


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

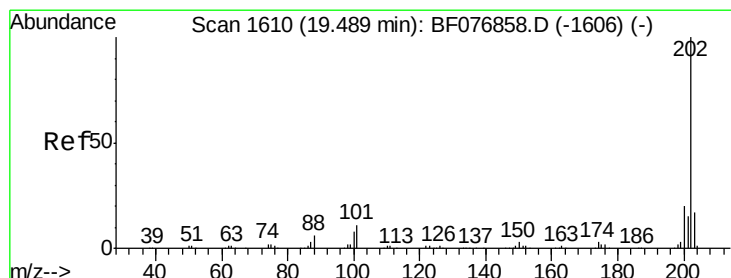
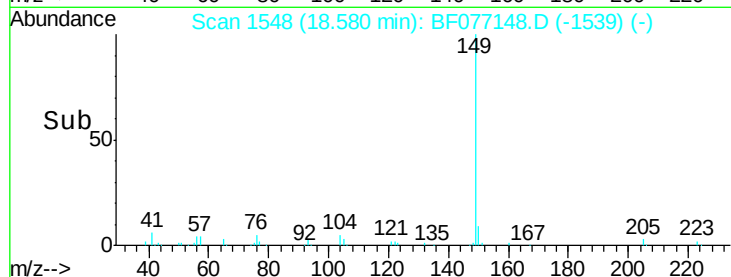
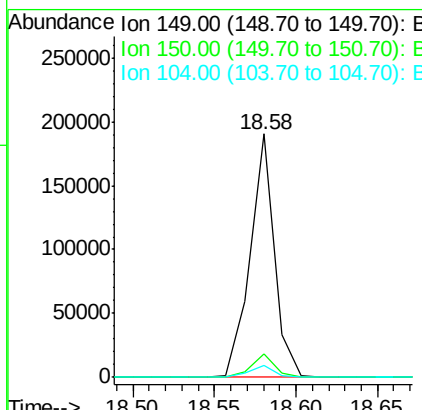
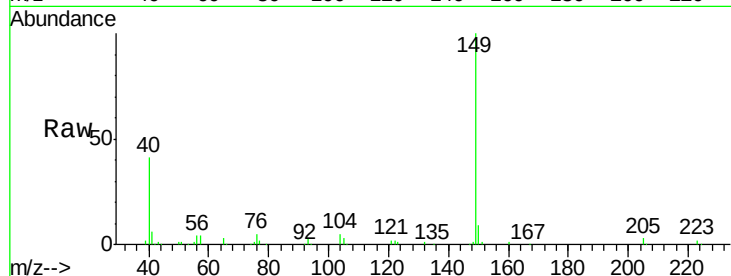




#73
Di-n-butylphthalate
Concen: 22.80 ng
RT: 18.58 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

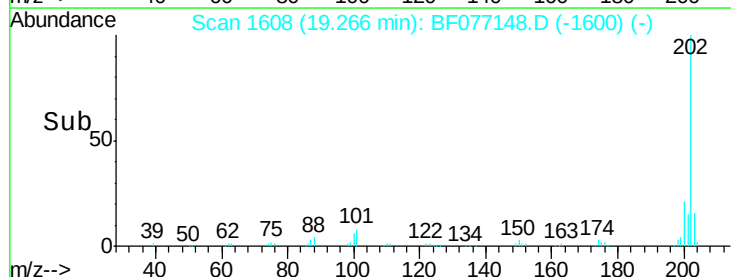
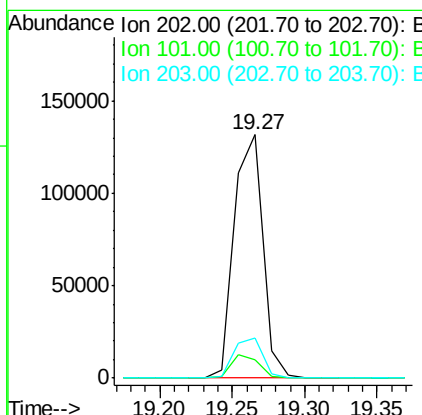
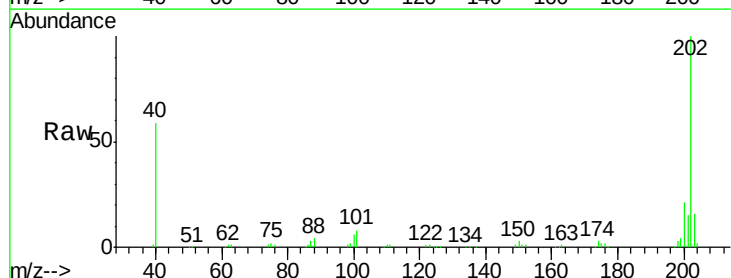
Instrument :
BNA_F
ClientSampled :

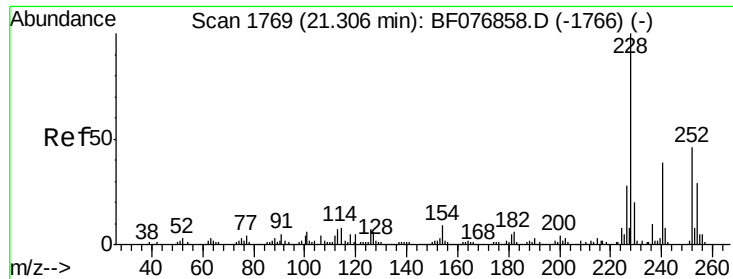
Tot Ion:149 Resp: 196027
Ion Ratio Lower Upper
149 100
150 9.4 6.9 10.3
104 5.0 3.7 5.5



#74
Fluoranthene
Concen: 22.43 ng
RT: 19.27 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Tgt Ion:202 Resp: 180539
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. -0.03 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

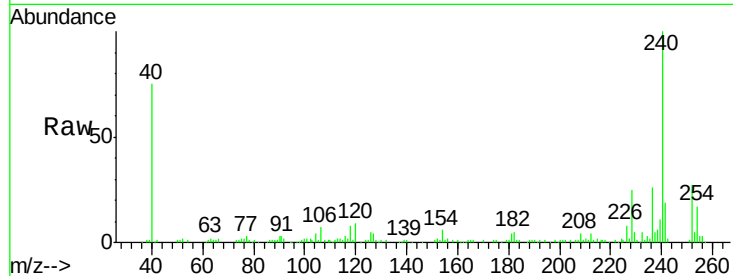
Tot Ion:240 Resp: 124796

Ion Ratio Lower Upper

240 100

120 8.9 10.4 15.6#

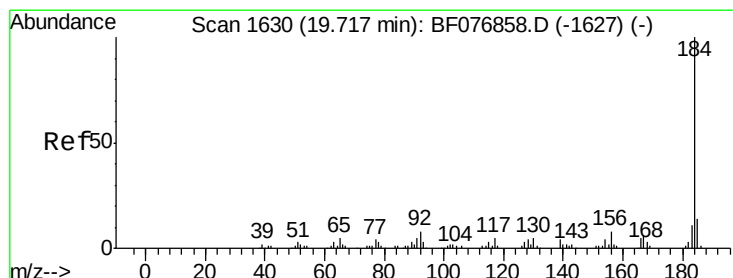
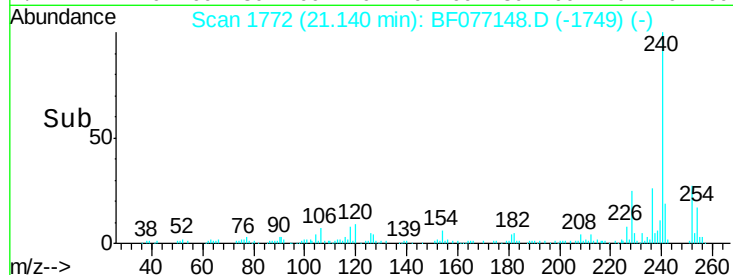
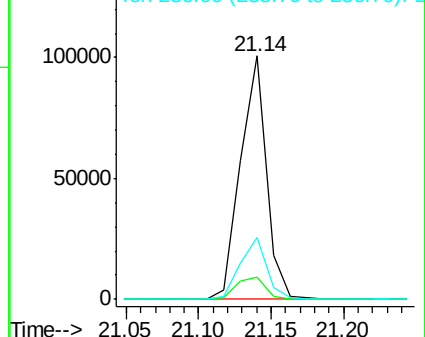
236 25.5 20.2 30.2



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: 19.82 ng

RT: 19.51 min Scan# 1629

Delta R.T. -0.10 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

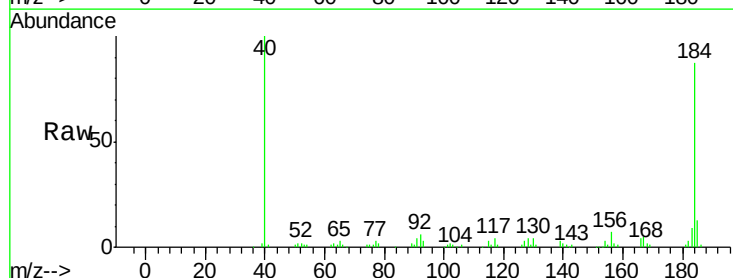
Tgt Ion:184 Resp: 79140

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

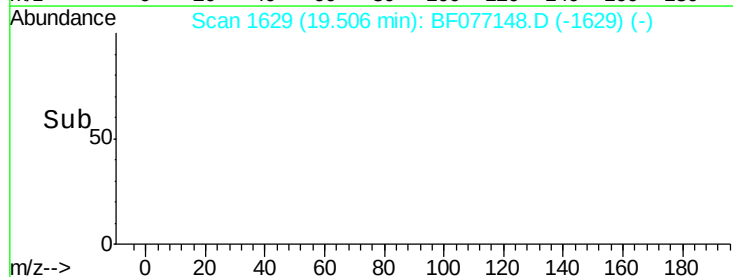
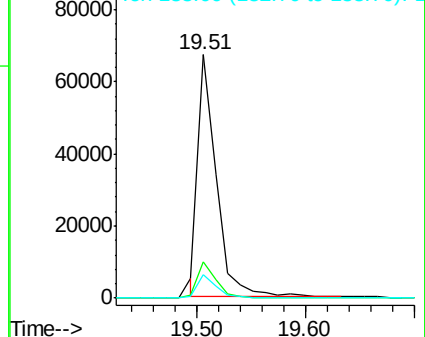
183 9.9 9.0 13.6

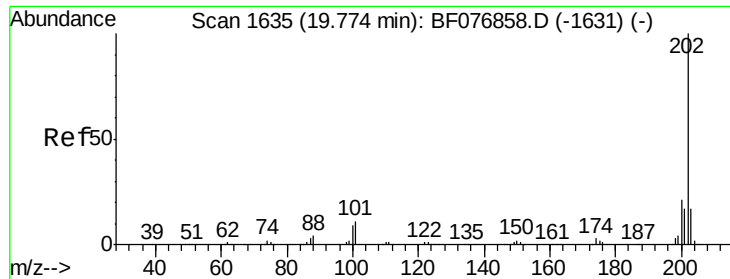


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

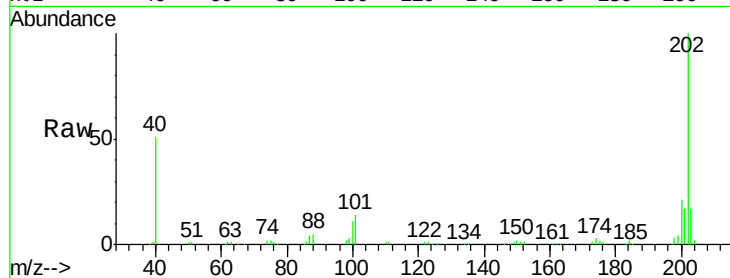




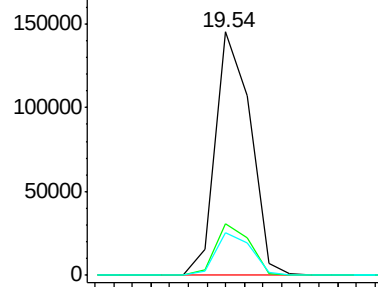
#77
Pvrene
Concen: 22.17 ng
RT: 19.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

Instrument :
BNA_F
ClientSampleId :

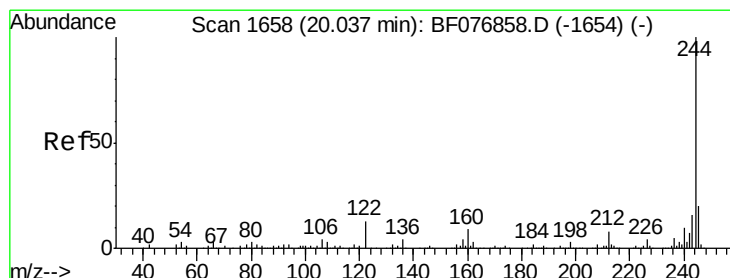
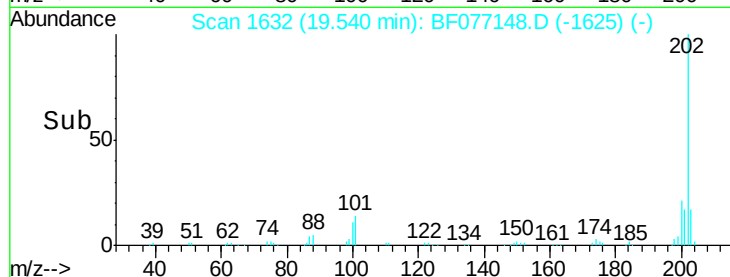
Tot Ion:202 Resp: 189588
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

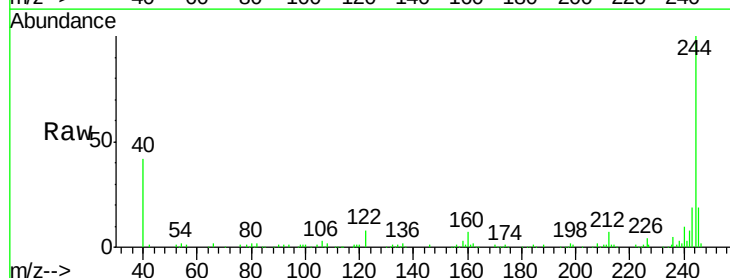


Time--> 19.50 19.55 19.60

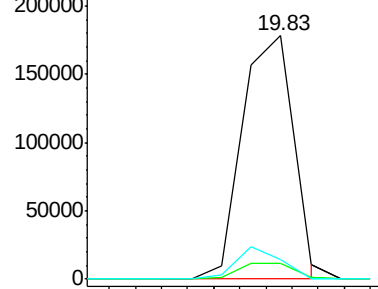


#78
Terphenyl-d14
Concen: 45.03 ng
RT: 19.83 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

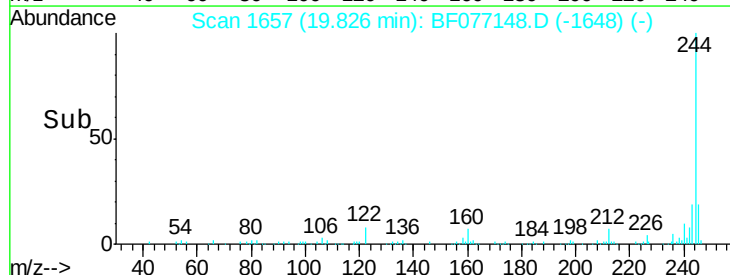
Tgt Ion:244 Resp: 244105
Ion Ratio Lower Upper
244 100
212 6.5 6.3 9.5
122 8.0 10.1 15.1#

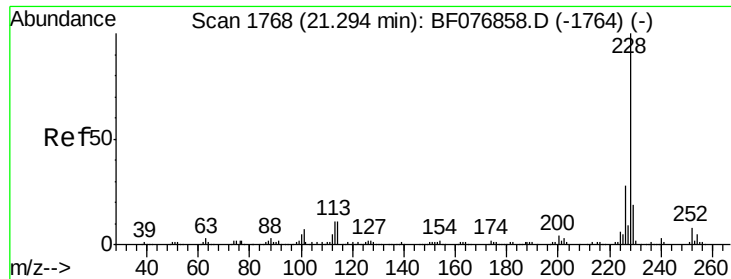


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.85

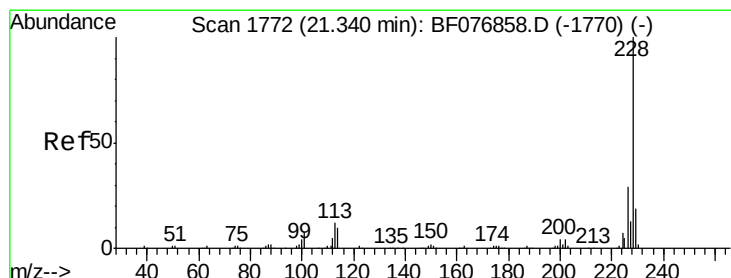
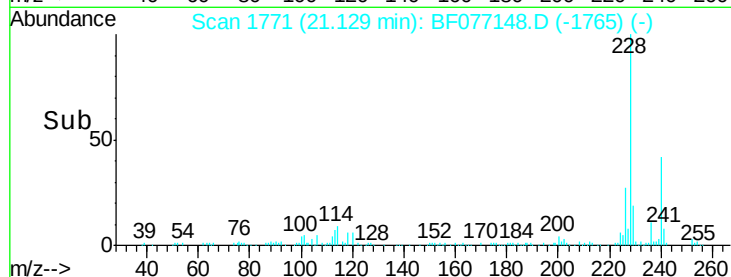
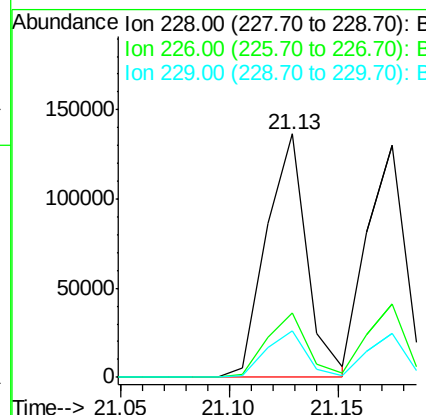
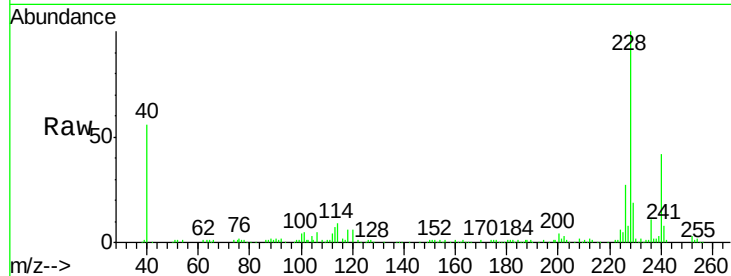




#80
Benzo(a)anthracene
Concen: 22.72 ng
RT: 21.13 min Scan# 1771
Delta R.T. -0.03 min
Lab File: BF077148.D
Acq: 30 Jan 2015 15:49

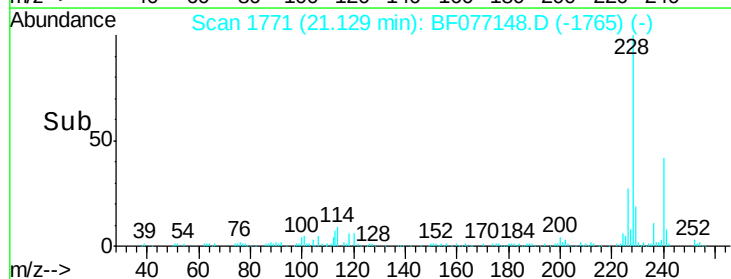
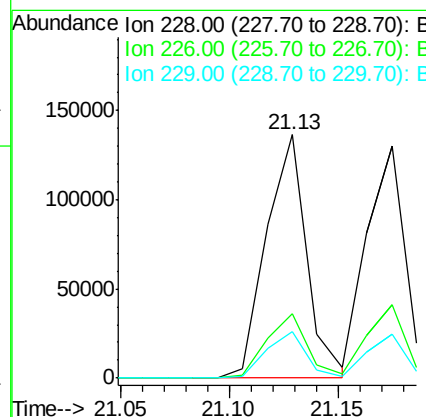
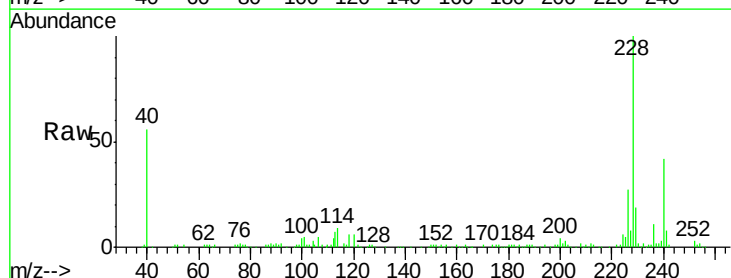
Instrument :
BNA_F
ClientSampleId :

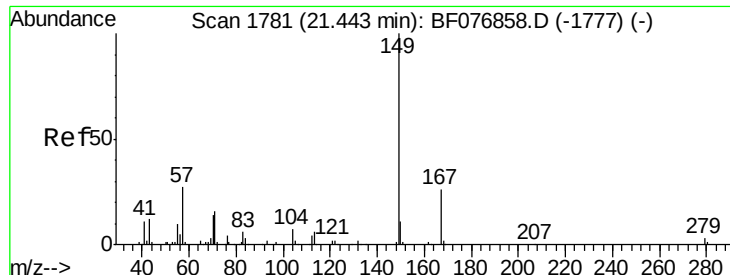
Tot Ion:228 Resp: 177862
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.1 15.5 23.3



#82
Chrysene
Concen: 24.91 ng
RT: 21.13 min Scan# 1771
Delta R.T. -0.03 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 23.4 35.0
229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.28 ng

RT: 21.31 min Scan# 1787

Delta R.T. -0.03 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :

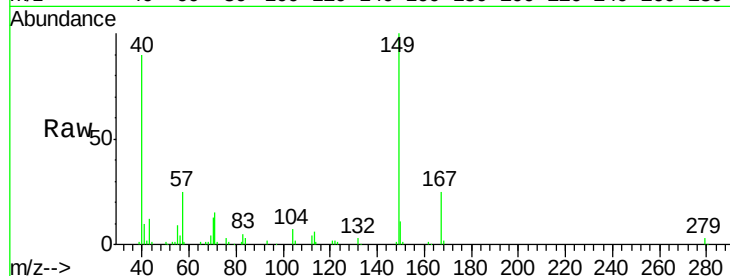
Tot Ion:149 Resp: 124761

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

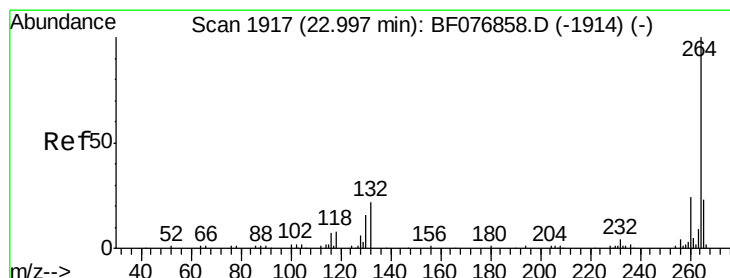
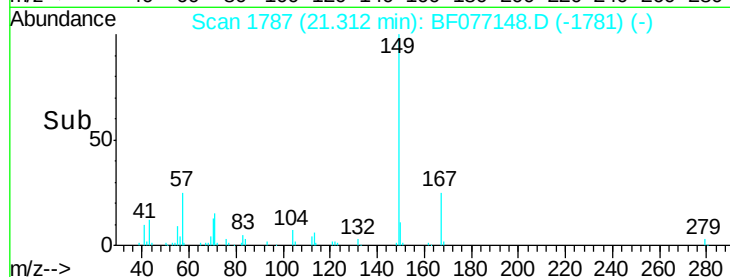
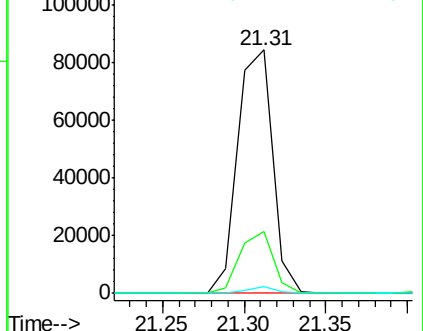
279 2.9 2.2 3.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.06 min Scan# 1940

Delta R.T. -0.11 min

Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

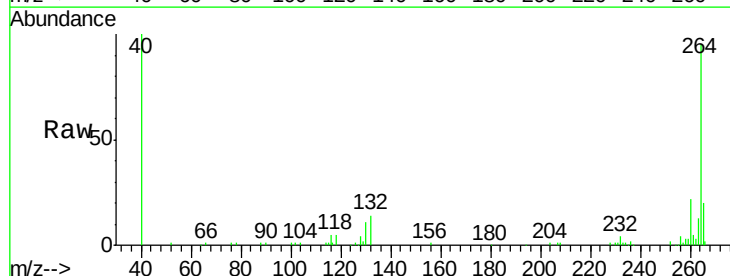
Tgt Ion:264 Resp: 115289

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

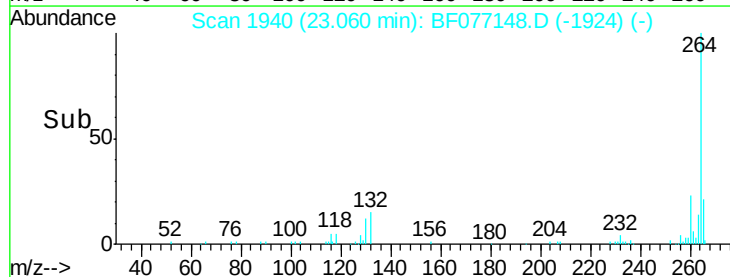
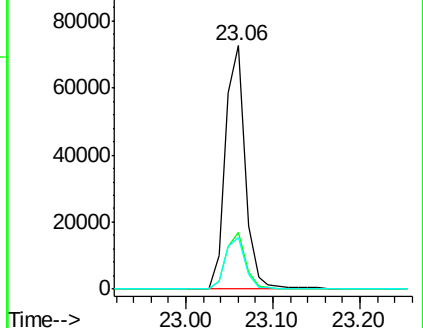
265 21.4 18.1 27.1

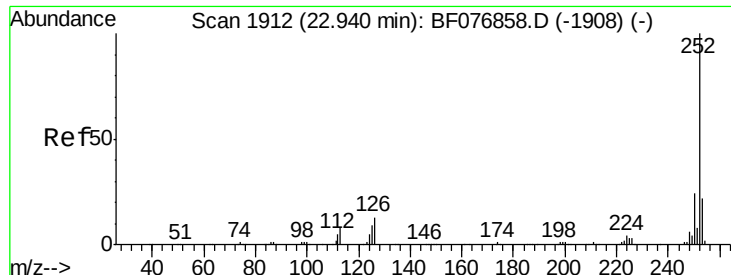


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 27.10 ng

RT: 22.56 min Scan# 1896

Delta R.T. -0.11 min

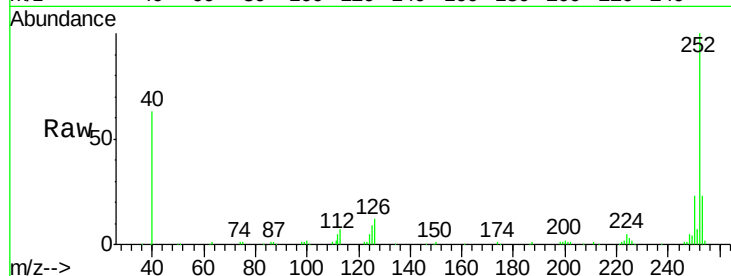
Lab File: BF077148.D

Acq: 30 Jan 2015 15:49

Instrument :

BNA_F

ClientSampleId :



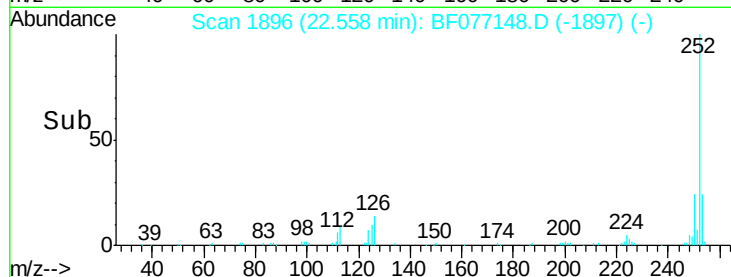
Tot Ion: 252 Resp: 185646

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 8.7 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

