

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077141.D
 Acq On : 30 Jan 2015 4:19
 Operator : TP/IZ
 Sample : PB81546BS
 Misc : W/DOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Quant Time: Jan 30 05:14:01 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 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30321	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	129791	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	70612	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	126154	20.00	ng	0.00
75) Chrysene-d12	21.08	240	126554	20.00	ng	0.00
86) Perylene-d12	22.70	264	115258	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.71	112	189495	102.75	ng	0.00
7) Phenol-d6	7.10	99	238153	102.37	ng	0.00
23) Nitrobenzene-d5	9.00	82	147406	62.92	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	58465	102.00	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	302879	65.28	ng	0.00
78) Terphenyl-d14	19.81	244	344733	62.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	16818m	21.30	ng	
3) Pyridine	1.56	79	62761	30.72	ng	96
4) n-Nitrosodimethylamine	1.52	42	29234	28.88	ng	# 99
6) Aniline	6.97	93	31106	9.66	ng	96
8) 2-Chlorophenol	7.21	128	67725	31.86	ng	97
9) Benzaldehyde	6.70	77	7784	4.58	ng	96
10) Phenol	7.12	94	77998	31.57	ng	87
11) bis(2-Chloroethyl)ether	7.24	93	64646	33.44	ng	# 71
12) 1,3-Dichlorobenzene	7.52	146	73712	30.47	ng	95
13) 1,4-Dichlorobenzene	7.73	146	76315	29.75	ng	99
14) 1,2-Dichlorobenzene	8.04	146	73423	31.07	ng	99
15) Benzyl Alcohol	8.13	79	60530	32.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	81406	31.33	ng	96
17) 2-Methylphenol	8.48	107	52614	30.28	ng	# 91
18) Hexachloroethane	8.78	117	27908	31.28	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	52000	31.93	ng	96
20) 3+4-Methylphenols	8.87	107	65756	28.58	ng	99
22) Acetophenone	8.68	105	102161	32.14	ng	99
24) Nitrobenzene	9.03	77	71082	29.78	ng	96
25) Isophorone	9.64	82	132588	31.08	ng	97
26) 2-Nitrophenol	9.77	139	35269	29.56	ng	90
27) 2,4-Dimethylphenol	10.06	122	60250	32.65	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	81067	33.43	ng	97
29) 2,4-Dichlorophenol	10.38	162	54874	31.90	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	59859	31.33	ng	98
31) Naphthalene	10.64	128	198538	29.71	ng	98
32) Benzoic acid	10.45	122	20883	20.42	ng	91
33) 4-Chloroaniline	10.90	127	34717m	12.86	ng	
34) Hexachlorobutadiene	11.01	225	35470	31.29	ng	93
35) Caprolactam	11.74	113	14306	28.25	ng	# 87
36) 4-Chloro-3-methylphenol	12.21	107	63888	32.44	ng	96
37) 2-Methylnaphthalene	12.30	142	143400	31.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	55662	31.88	ng	97
40) Hexachlorocyclopentadiene	12.69	237	56319	61.08	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	39363	30.95	ng	93
43) 2,4,5-Trichlorophenol	13.15	196	37648	29.02	ng	# 95
45) 1,1'-Biphenyl	13.45	154	173818	33.20	ng	99
46) 2-Chloronaphthalene	13.42	162	136880	31.78	ng	96
47) 2-Nitroaniline	13.77	65	43919	33.61	ng	86
48) Acenaphthylene	14.37	152	221814	30.53	ng	99
49) Dimethylphthalate	14.33	163	167175	33.38	ng	99
50) 2,6-Dinitrotoluene	14.43	165	33797	33.78	ng	96
51) Acenaphthene	14.79	154	125501	30.44	ng	98
52) 3-Nitroaniline	14.77	138	19988	16.54	ng	92
53) 2,4-Dinitrophenol	15.05	184	25476	58.04	ng	91
54) Dibenzofuran	15.21	168	197435	32.88	ng	100
55) 4-Nitrophenol	15.37	139	41099	52.36	ng	98
56) 2,4-Dinitrotoluene	15.36	165	48227	32.85	ng	# 96
57) Fluorene	15.97	166	161442	31.73	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.58	232	29262	30.98	ng	91
59) Diethylphthalate	15.98	149	176534	34.88	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	68838	33.07	ng	96
61) 4-Nitroaniline	16.13	138	31564	25.71	ng	94
62) Azobenzene	16.37	77	177818	33.72	ng	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	22610	29.27	ng	88
65) n-Nitrosodiphenylamine	16.32	169	136036	30.24	ng	98
66) 4-Bromophenyl-phenylether	16.94	248	41289	32.31	ng	# 86
67) Hexachlorobenzene	16.95	284	42572	31.61	ng	97
68) Atrazine	17.33	200	49028	35.92	ng	93
69) Pentachlorophenol	17.33	266	35552	59.49	ng	98
70) Phenanthrene	17.60	178	241278	30.67	ng	99
71) Anthracene	17.68	178	242199	31.57	ng	98
72) Carbazole	17.97	167	232986	31.31	ng	99
73) Di-n-butylphthalate	18.57	149	297367	34.53	ng	100
74) Fluoranthene	19.26	202	251420	31.19	ng	96
76) Benzidine	19.50	184	98660	24.36	ng	98
77) Pyrene	19.53	202	266782	30.76	ng	99
79) Butylbenzylphthalate	20.48	149	136278	34.69	ng	96
80) Benzo(a)anthracene	21.07	228	252105	31.75	ng	99
81) 3,3'-Dichlorobenzidine	21.08	252	48381	19.17	ng	97
82) Chrysene	21.11	228	218995	30.24	ng	98
83) Bis(2-ethylhexyl)phthalate	21.23	149	194295	35.75	ng	99
84) Di-n-octyl phthalate	21.98	149	341388	36.19	ng	99
85) Indeno(1,2,3-cd)pyrene	23.75	276	227953	29.70	ng	# 81
87) Benzo(b)fluoranthene	22.30	252	222923m	28.72	ng	
88) Benzo(k)fluoranthene	22.33	252	222780m	32.85	ng	
89) Benzo(a)pyrene	22.64	252	220137	32.15	ng	100
90) Dibenzo(a,h)anthracene	23.77	278	194588	30.97	ng	# 95
91) Benzo(g,h,i)perylene	24.03	276	190312	30.47	ng	97

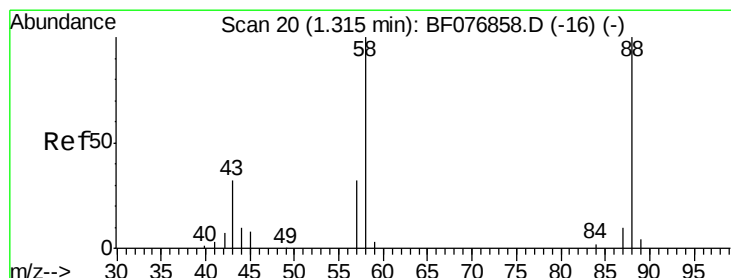
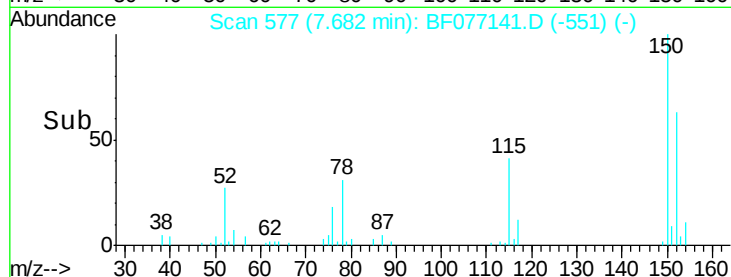
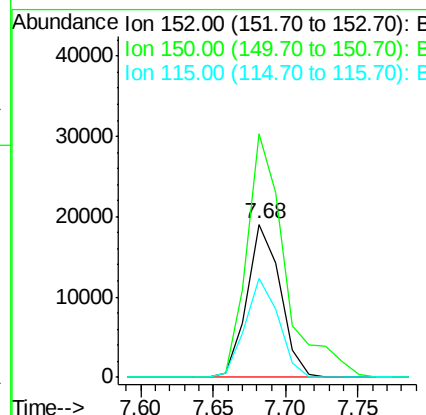
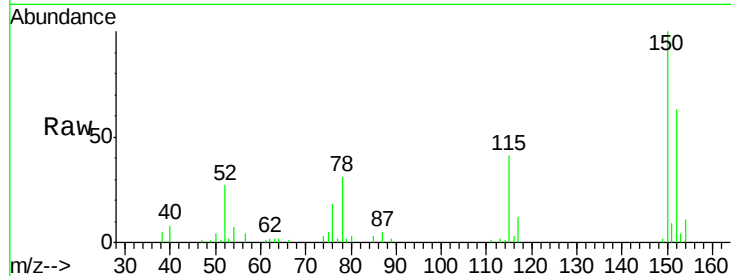
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 577
 Delta R.T. 0.00 min
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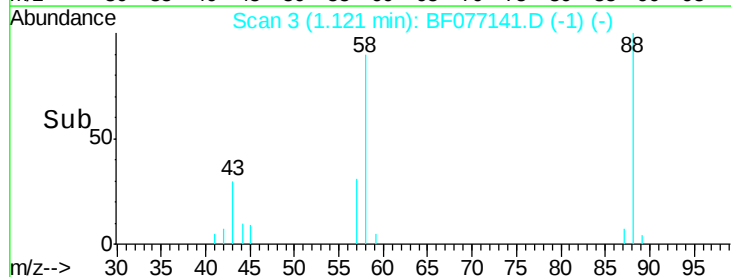
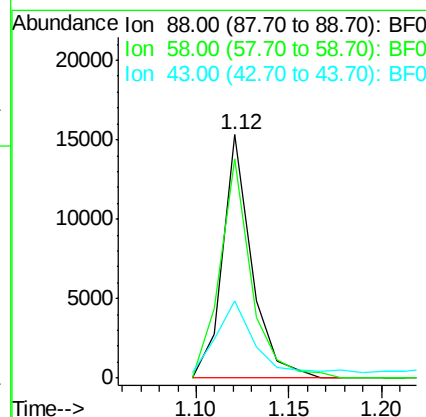
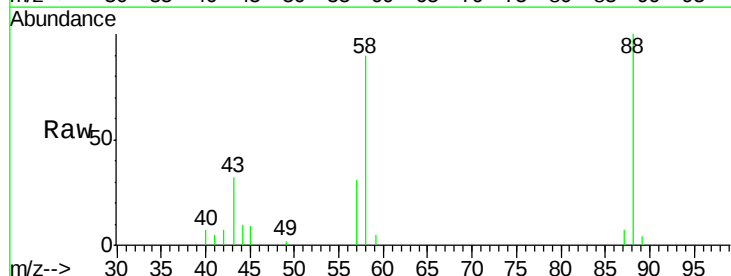
Instrument :
 BNA_F
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 PB81546BS

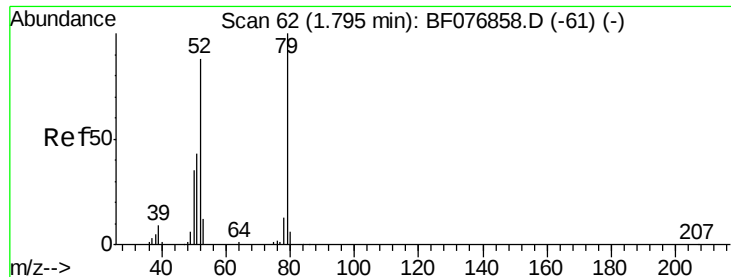
Tgt Ion:152 Resp: 30321
 Ion Ratio Lower Upper
 152 100
 150 159.3 121.7 182.5
 115 64.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 21.30 ng m
 RT: 1.12 min Scan# 3
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion: 88 Resp: 16818
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.0 115.4#
 43 0.0 25.6 38.4#





#3

Pyridine

Concen: 30.72 ng

RT: 1.56 min Scan# 41

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

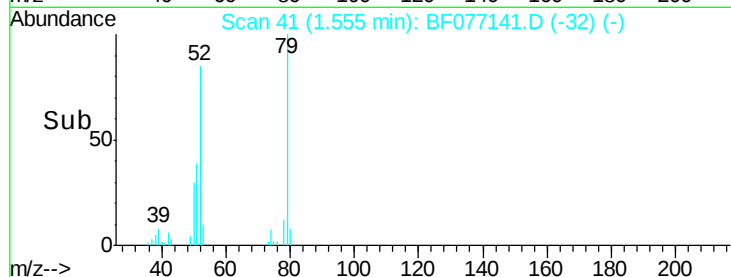
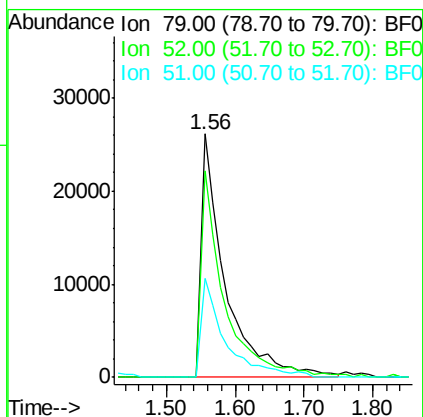
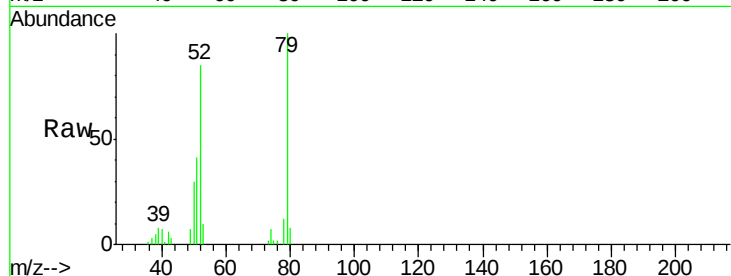
Tgt Ion: 79 Resp: 62761

Ion Ratio Lower Upper

79 100

52 85.0 70.1 105.1

51 40.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 28.88 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

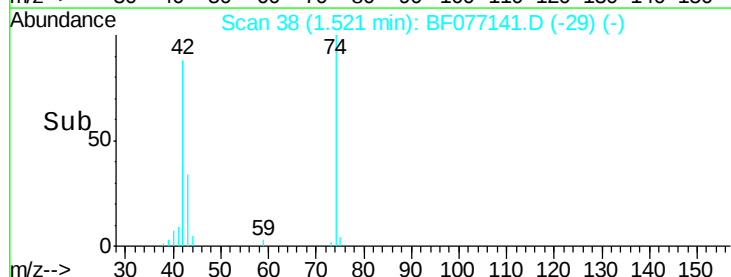
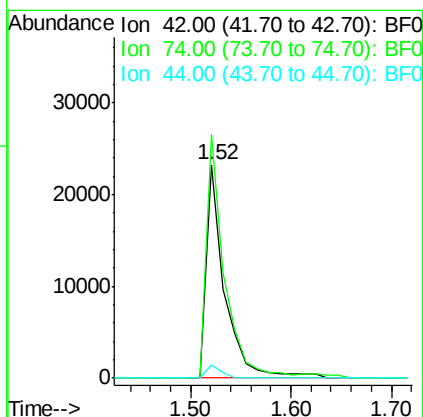
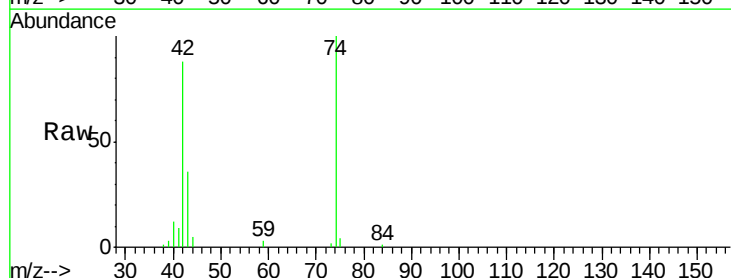
Tgt Ion: 42 Resp: 29234

Ion Ratio Lower Upper

42 100

74 114.3 92.4 138.6

44 6.1 6.2 9.2#





#5

2-Fluorophenol

Concen: 102.75 ng

RT: 4.71 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

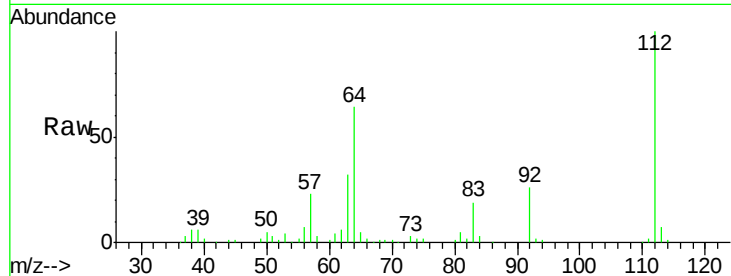
Instrument :

BNA_F

ClientSampleId :

PB81546BS

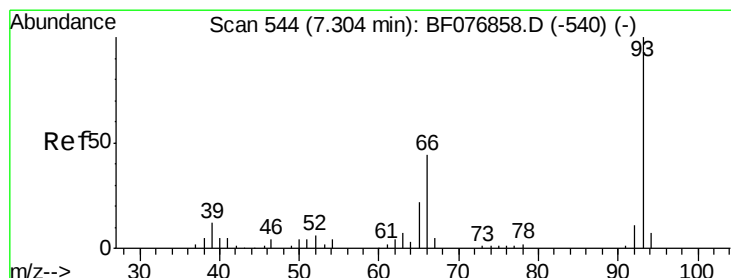
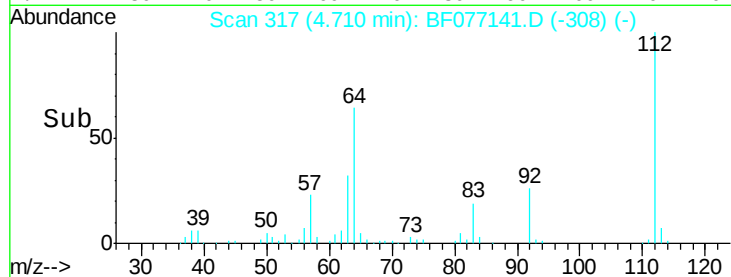
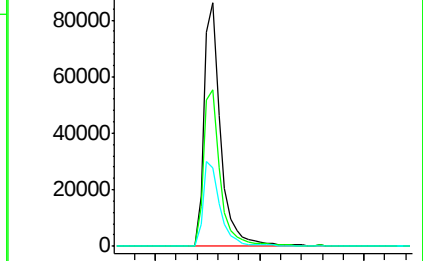
Tgt Ion:	112	Resp:	189495
Ion	Ratio	Lower	Upper
112	100		
64	64.3	54.2	81.4
63	32.4	28.4	42.6



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: 9.66 ng

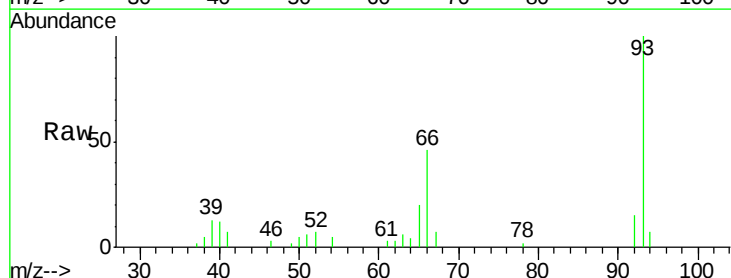
RT: 6.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

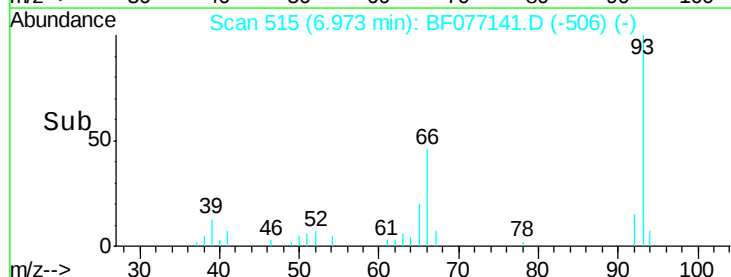
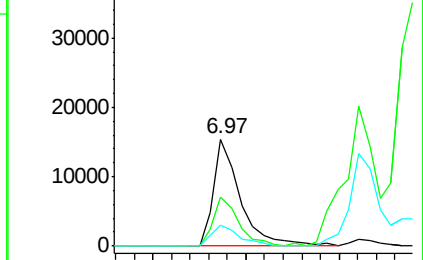
Tgt Ion:	93	Resp:	31106
Ion	Ratio	Lower	Upper
93	100		
66	46.1	35.0	52.4
65	20.1	17.7	26.5

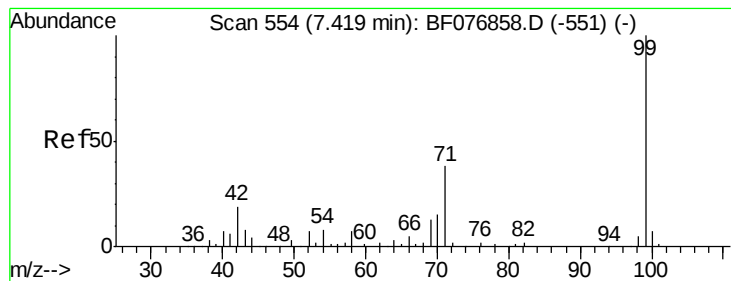


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.37 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077141.D

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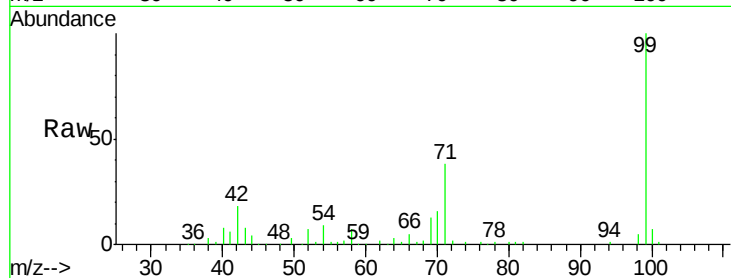
Tgt Ion: 99 Resp: 238153

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

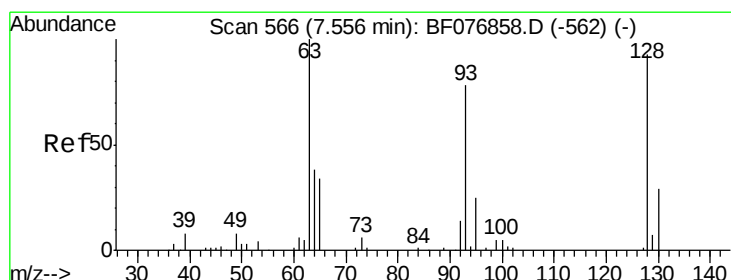
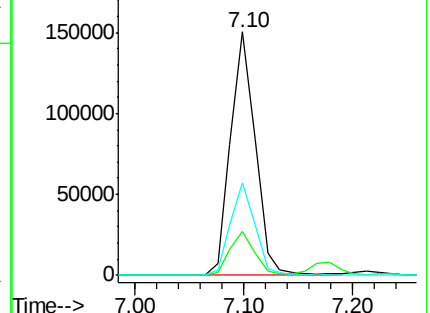
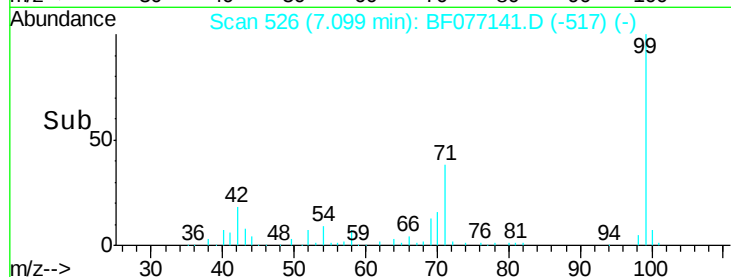
71 38.2 30.5 45.7



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: 31.86 ng

RT: 7.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

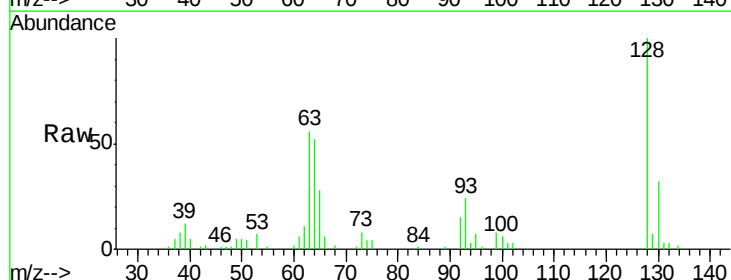
Tgt Ion: 128 Resp: 67725

Ion Ratio Lower Upper

128 100

130 31.8 11.0 51.0

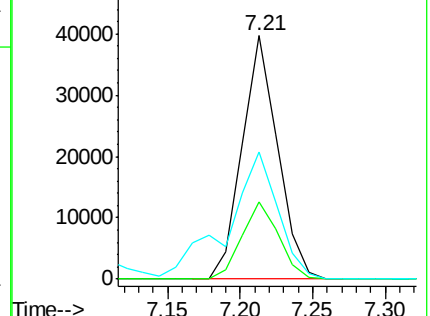
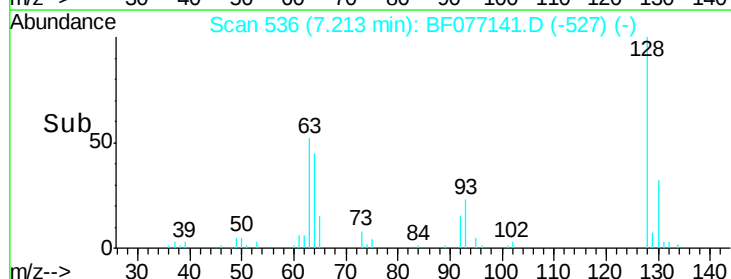
64 52.3 29.3 69.3

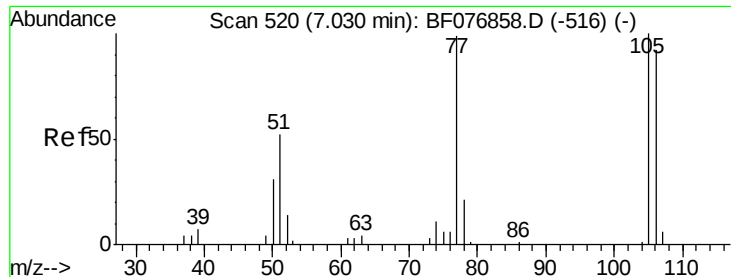


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.58 ng

RT: 6.70 min Scan# 491

Delta R.T. 0.00 min

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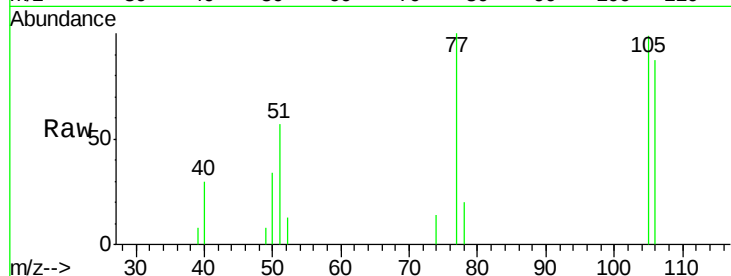
Tgt Ion: 77 Resp: 7784

Ion Ratio Lower Upper

77 100

105 98.6 81.4 121.4

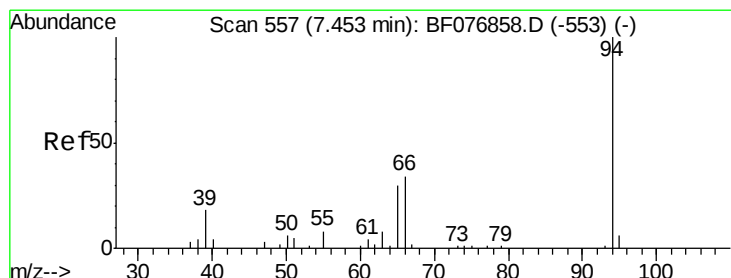
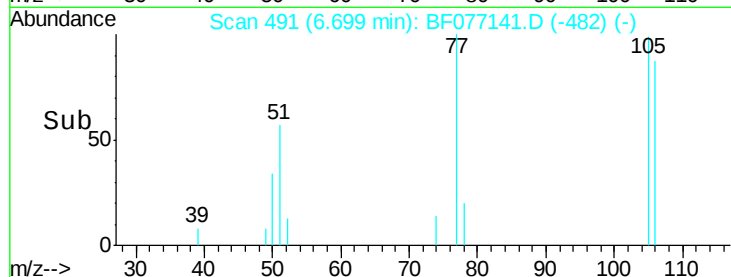
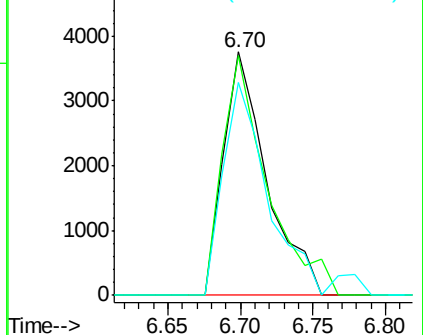
106 87.5 72.8 112.8



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: 31.57 ng

RT: 7.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

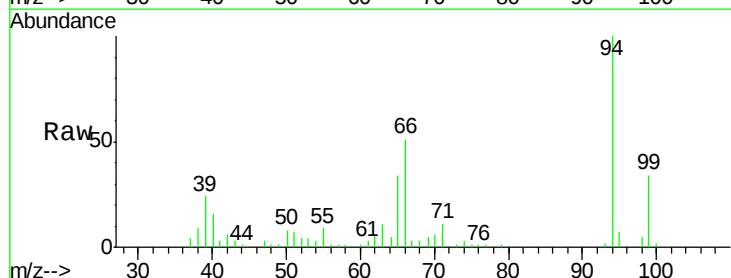
Tgt Ion: 94 Resp: 77998

Ion Ratio Lower Upper

94 100

65 33.8 11.3 51.3

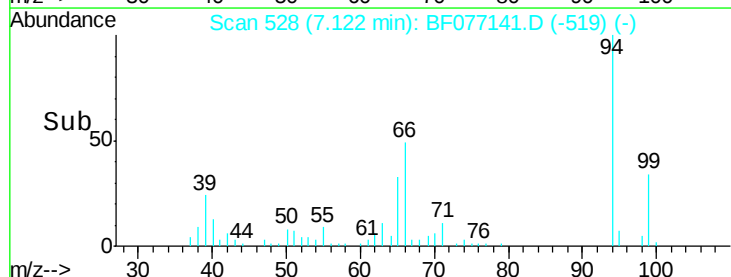
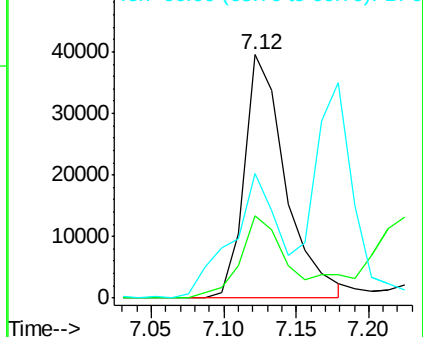
66 51.1 19.5 59.5

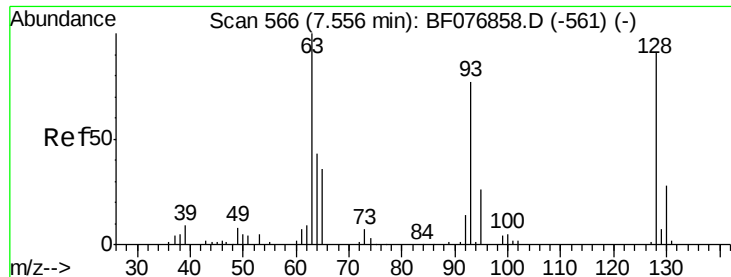


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

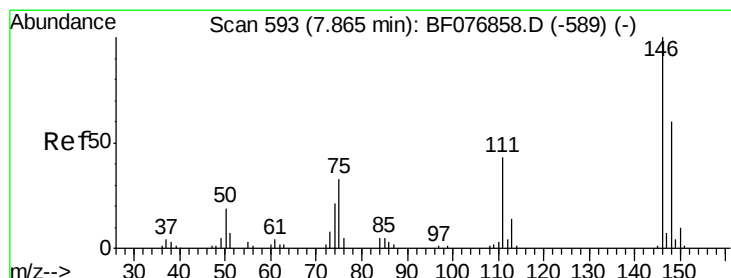
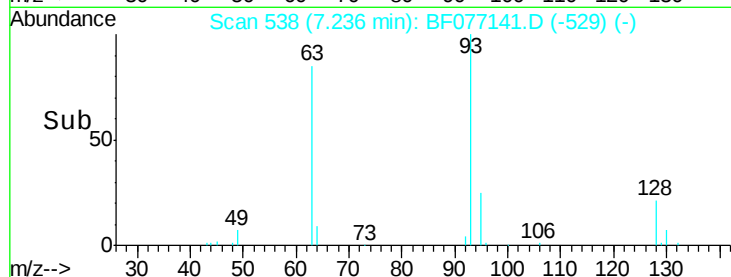
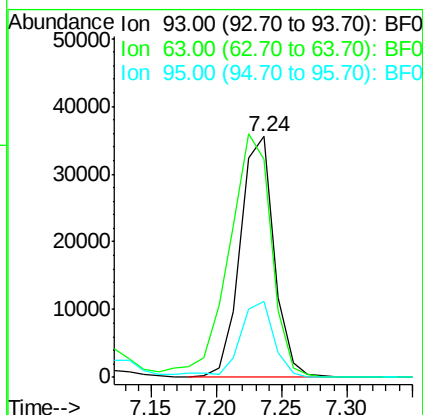
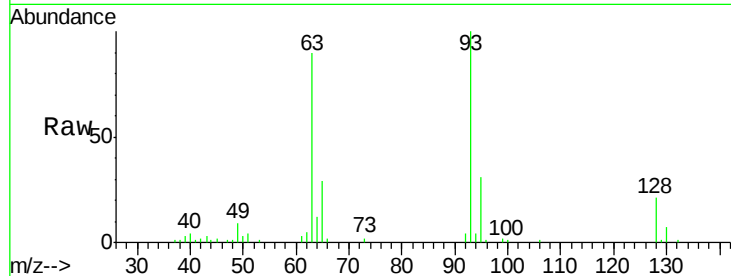




#11
bis(2-Chloroethyl)ether
Concen: 33.44 ng
RT: 7.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

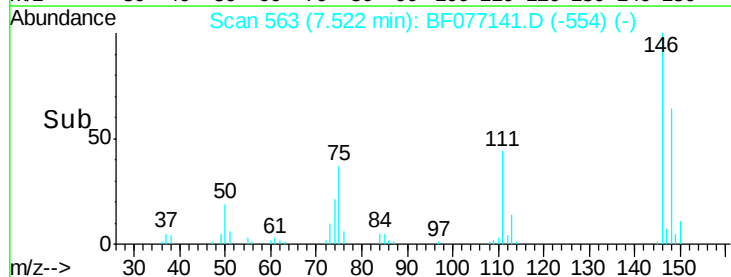
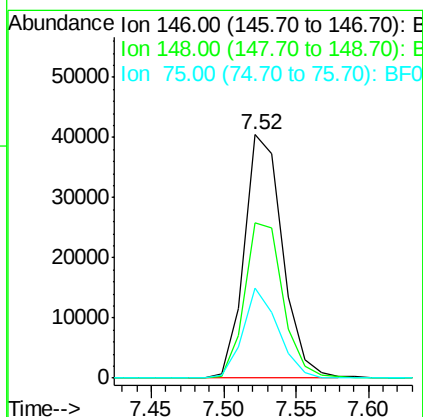
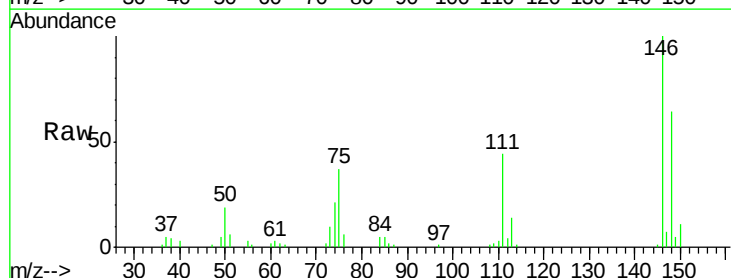
Instrument :
BNA_F
ClientSampleId :
PB81546BS

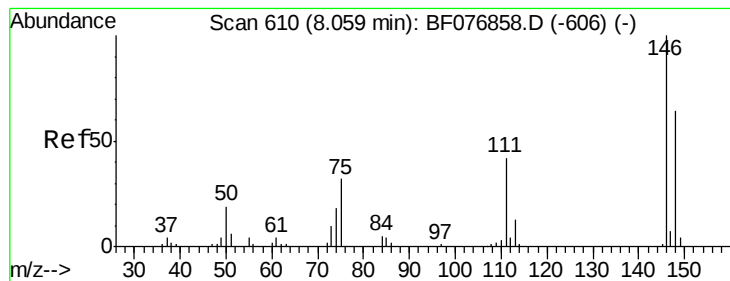
Tgt Ion: 93 Resp: 64646
Ion Ratio Lower Upper
93 100
63 90.3 111.3 151.3#
95 31.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 30.47 ng
RT: 7.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion: 146 Resp: 73712
Ion Ratio Lower Upper
146 100
148 63.6 48.1 72.1
75 36.9 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 29.75 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampled :

PB81546BS

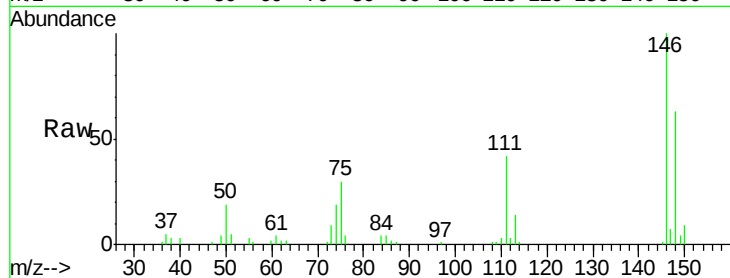
Tgt Ion:146 Resp: 76315

Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

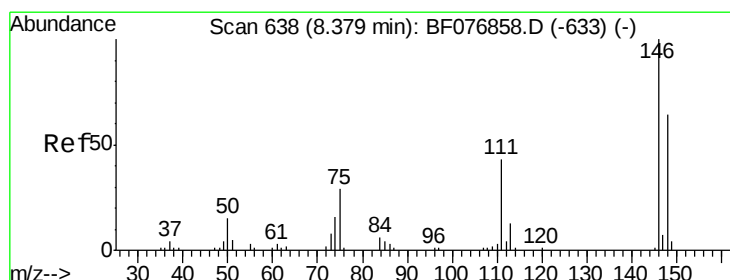
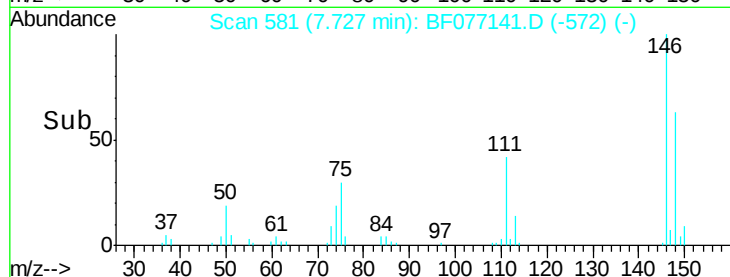
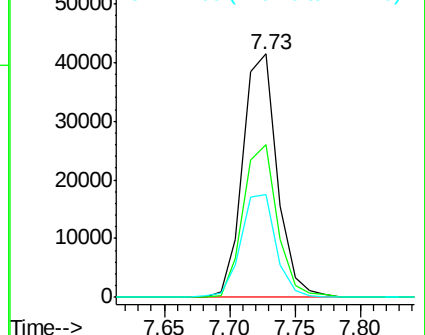
111 42.2 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.07 ng

RT: 8.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

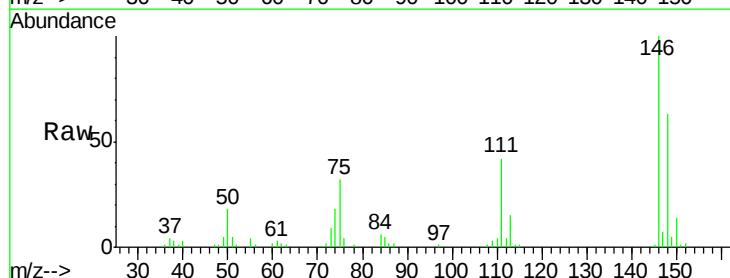
Tgt Ion:146 Resp: 73423

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

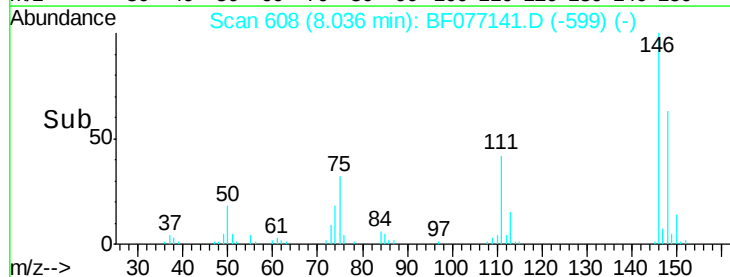
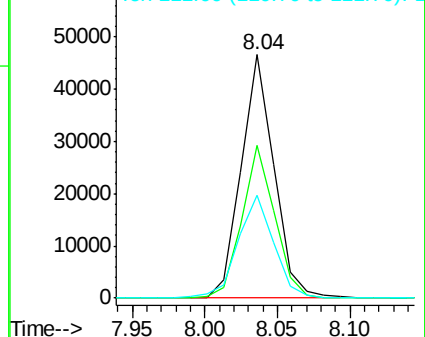
111 42.4 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.15 ng

RT: 8.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

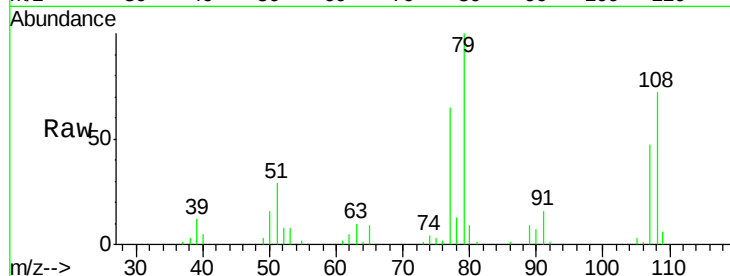
Tgt Ion: 79 Resp: 60530

Ion Ratio Lower Upper

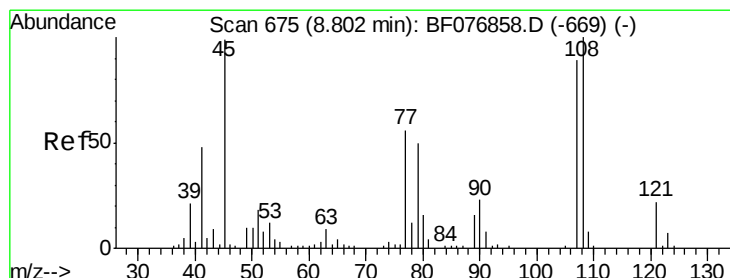
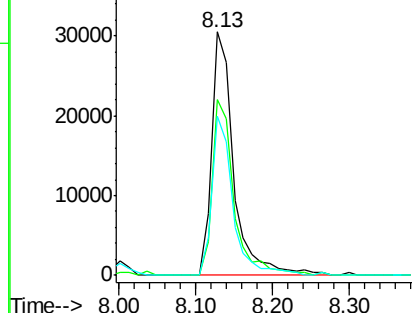
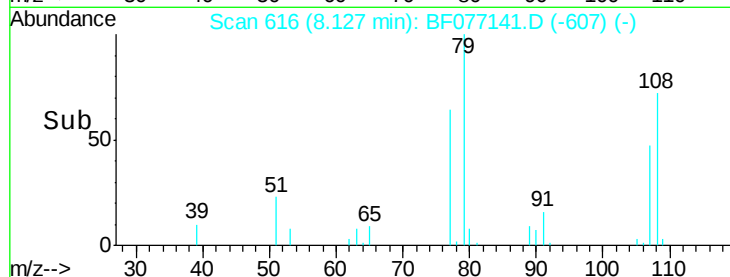
79 100

108 72.0 57.2 85.8

77 65.2 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: 31.33 ng

RT: 8.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

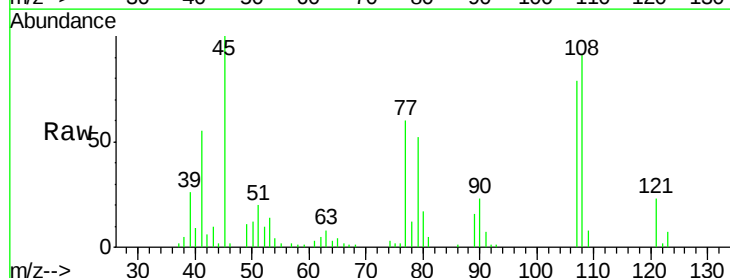
Tgt Ion: 45 Resp: 81406

Ion Ratio Lower Upper

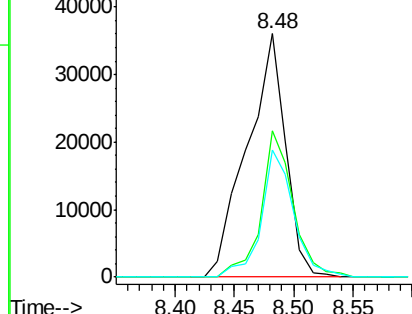
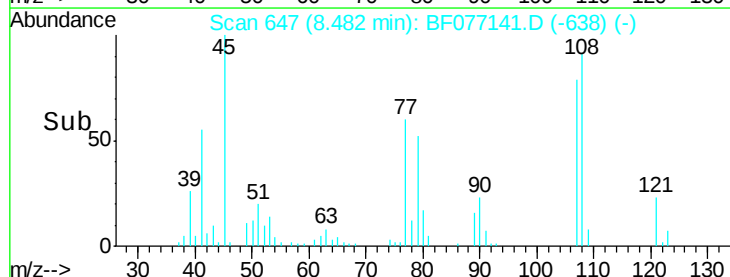
45 100

77 60.0 36.1 76.1

79 52.2 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: 30.28 ng

RT: 8.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleID :

PB81546BS

Tgt Ion:107 Resp: 52614

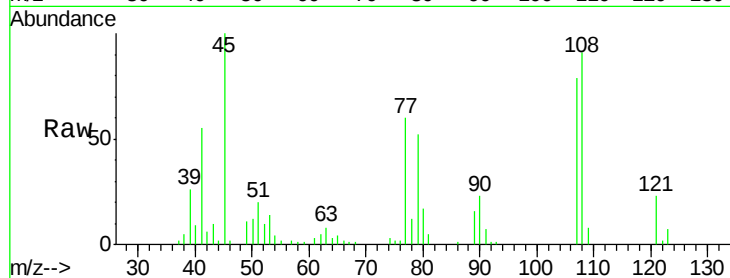
Ion Ratio Lower Upper

107 100

108 114.6 89.7 134.5

77 75.8 50.1 75.1#

79 65.9 45.0 67.6



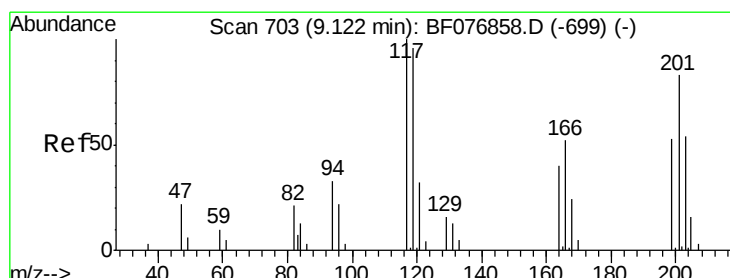
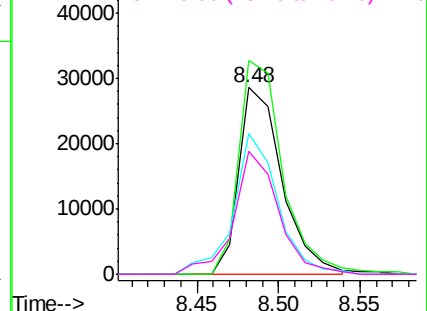
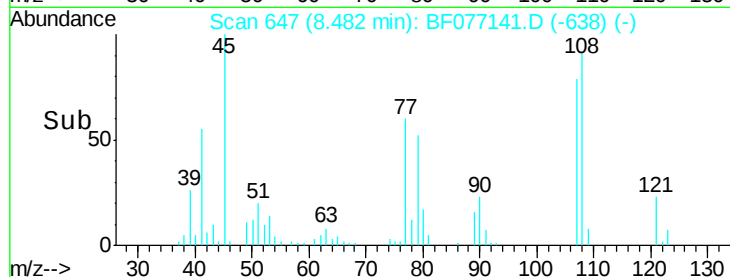
Abundance

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: 31.28 ng

RT: 8.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

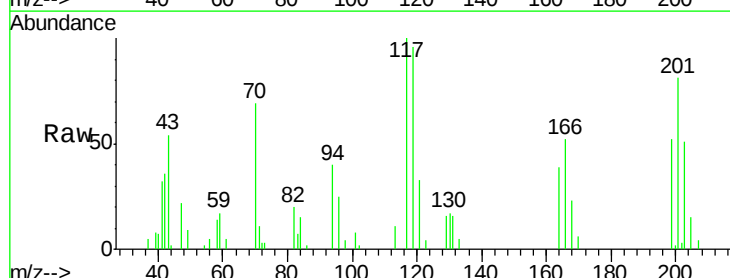
Tgt Ion:117 Resp: 27908

Ion Ratio Lower Upper

117 100

119 95.7 77.1 115.7

201 81.1 66.8 100.2

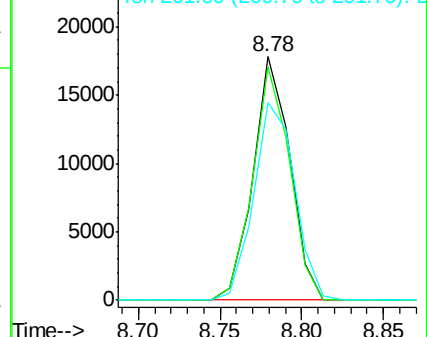
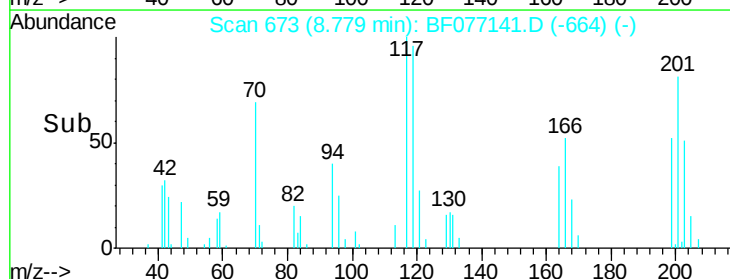


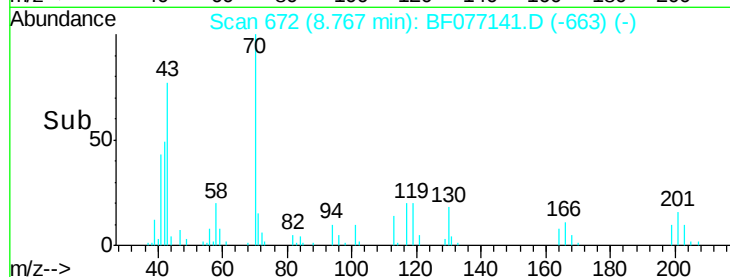
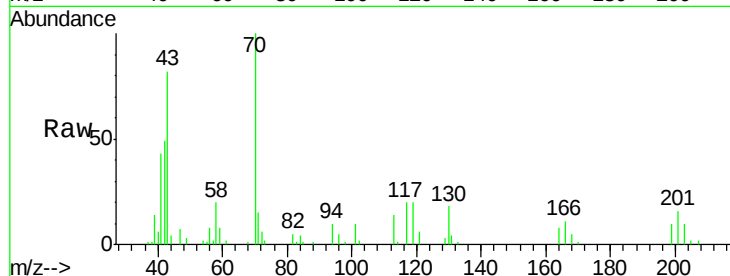
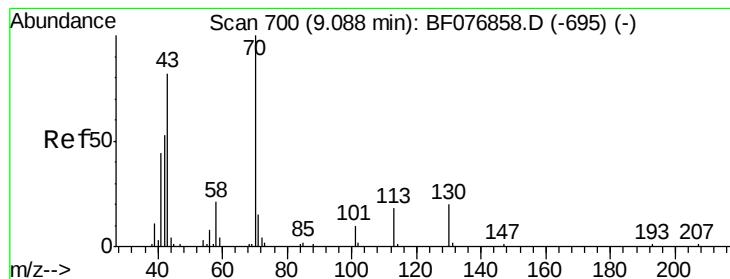
Abundance

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: 31.93 ng

RT: 8.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

Tgt Ion: 70 Resp: 52000

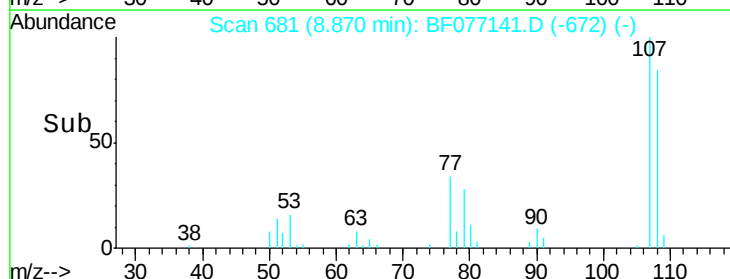
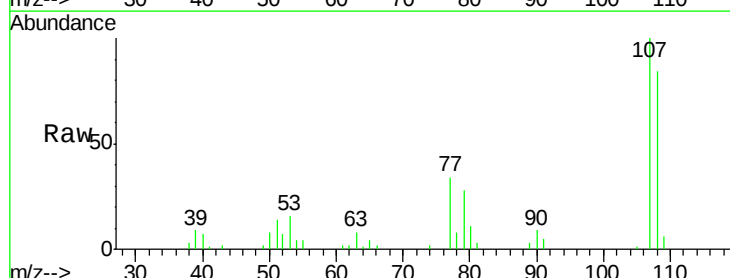
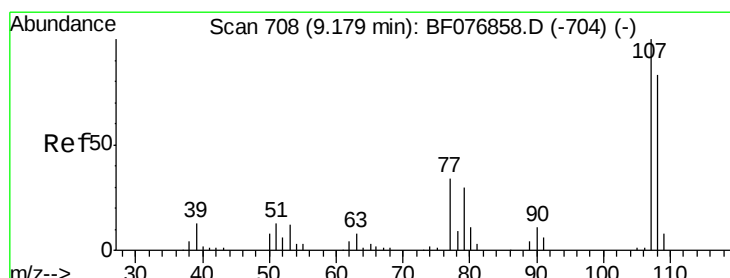
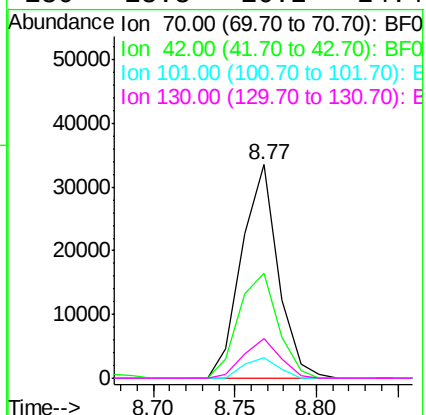
Ion Ratio Lower Upper

70 100

42 49.1 42.1 63.1

101 9.6 7.8 11.8

130 18.3 16.2 24.4



#20

3+4-Methylphenols

Concen: 28.58 ng

RT: 8.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Tgt Ion: 107 Resp: 65756

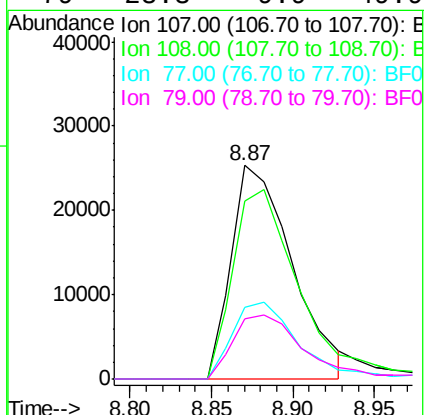
Ion Ratio Lower Upper

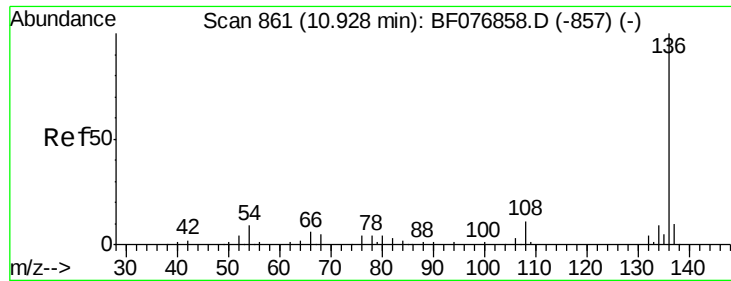
107 100

108 83.5 63.5 103.5

77 33.7 14.0 54.0

79 28.3 9.9 49.9

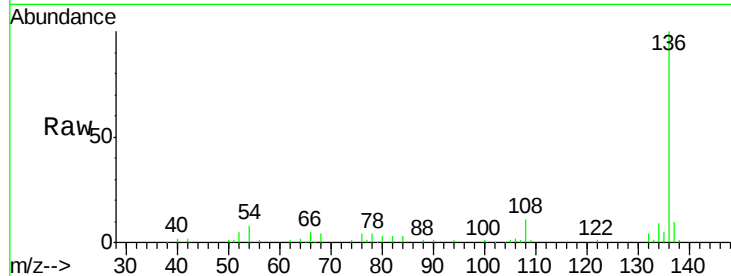




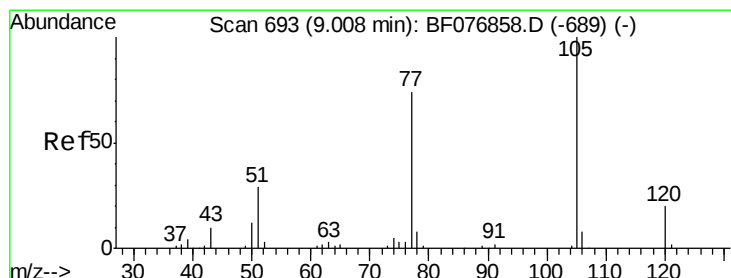
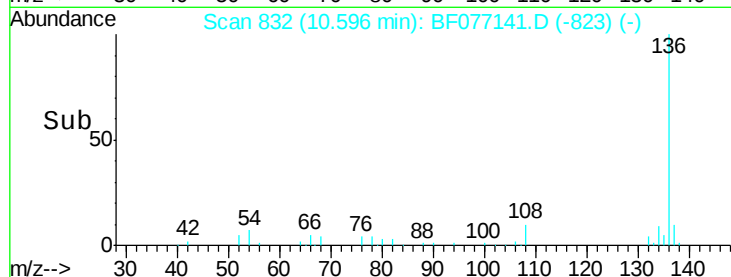
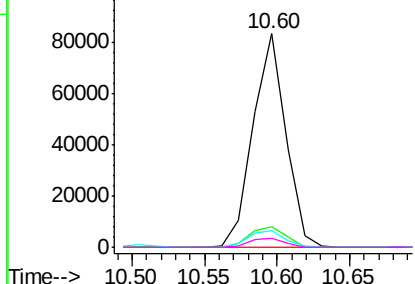
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:	136	Resp:	129791
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.1	12.1
54	7.8	7.0	10.4
68	4.1	3.7	5.5

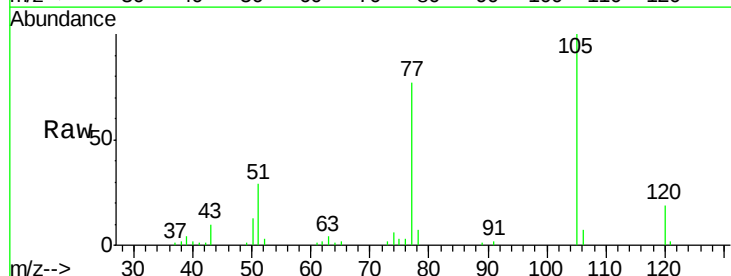


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

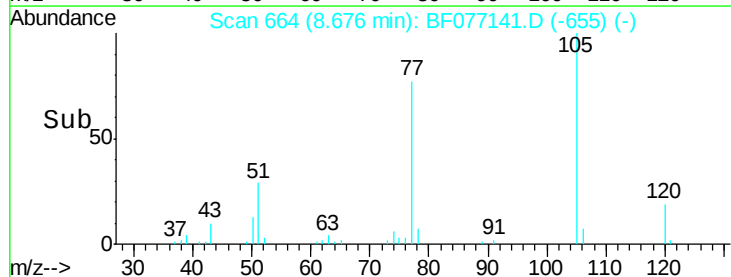
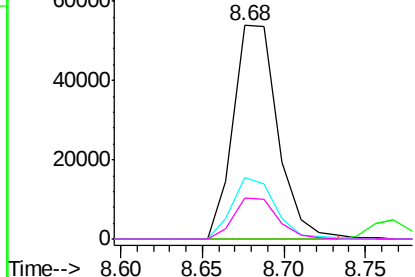


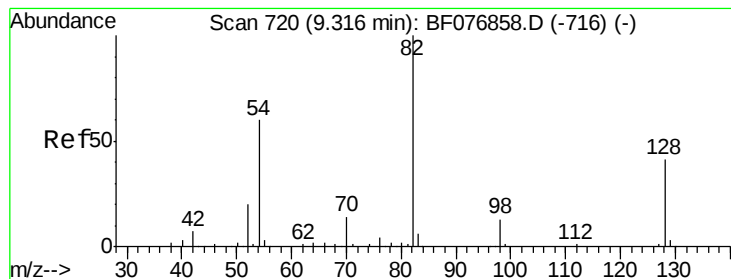
#22
Acetophenone
Concen: 32.14 ng
RT: 8.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:	105	Resp:	102161
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.7	23.3	34.9
120	19.5	16.1	24.1



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





#23

Nitrobenzene-d5

Concen: 62.92 ng

RT: 9.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

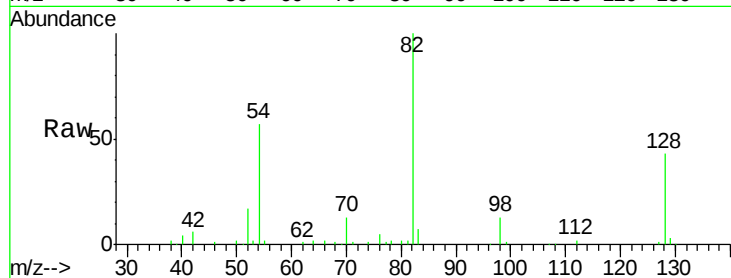
Tgt Ion: 82 Resp: 147406

Ion Ratio Lower Upper

82 100

128 43.1 33.1 49.7

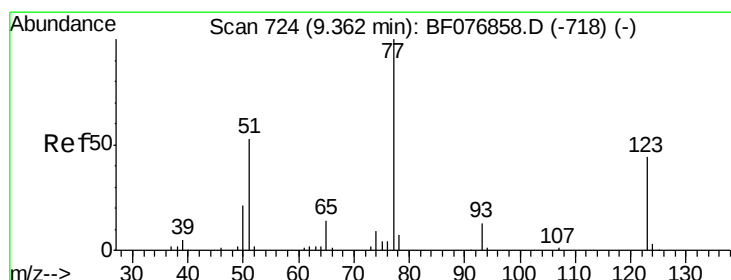
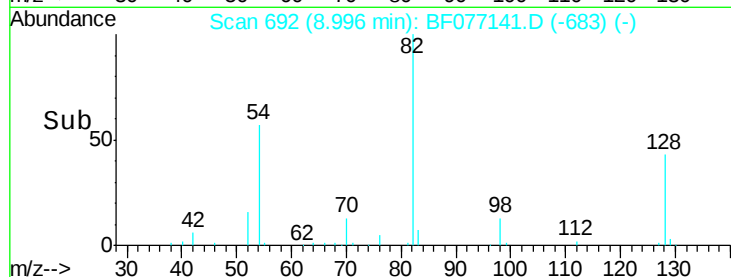
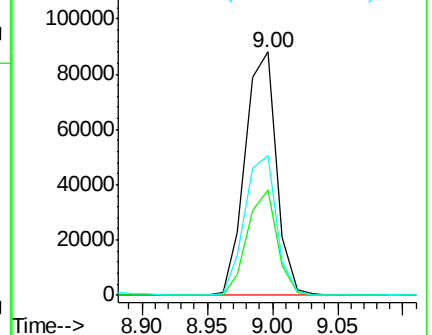
54 57.2 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 29.78 ng

RT: 9.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

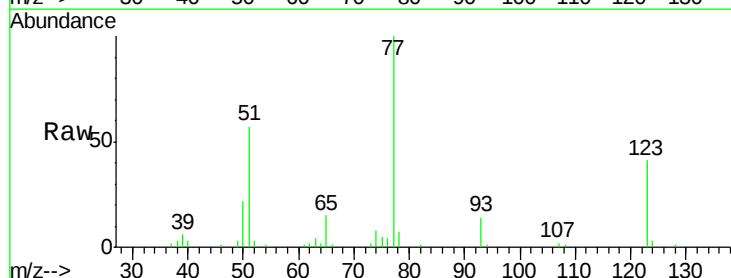
Tgt Ion: 77 Resp: 71082

Ion Ratio Lower Upper

77 100

123 41.4 35.2 52.8

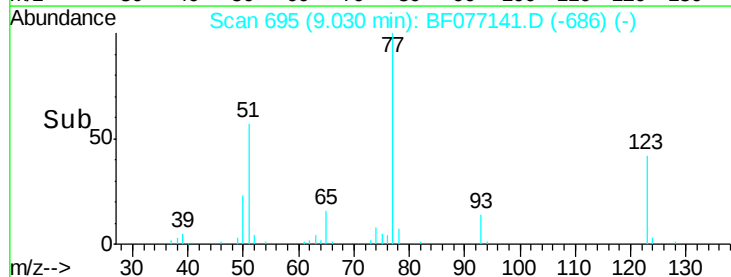
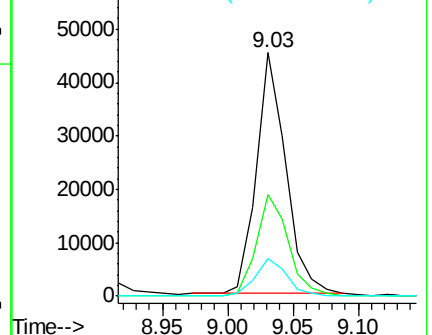
65 15.2 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.08 ng

RT: 9.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

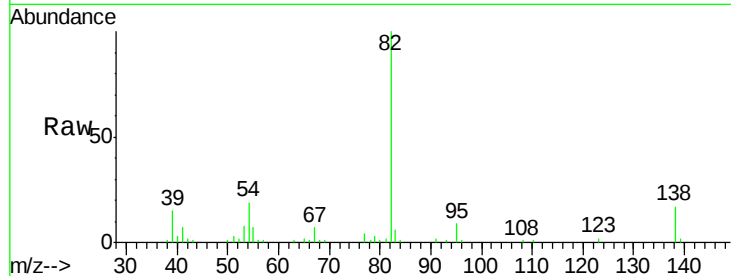
Tgt Ion: 82 Resp: 132588

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

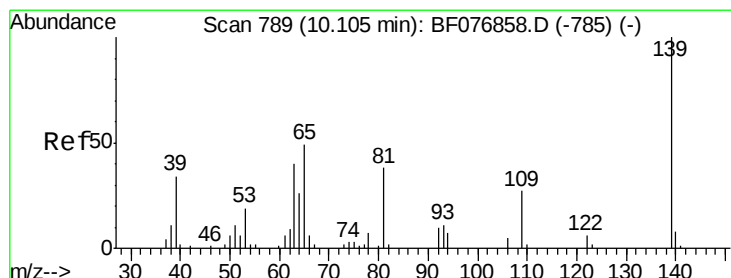
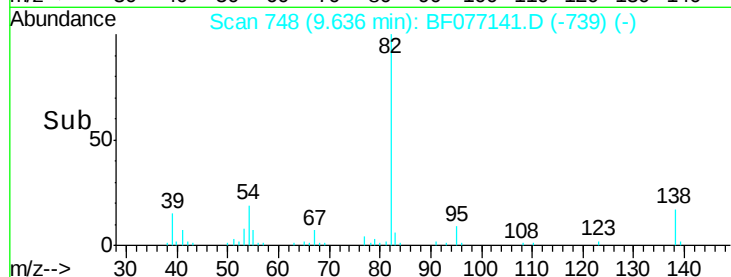
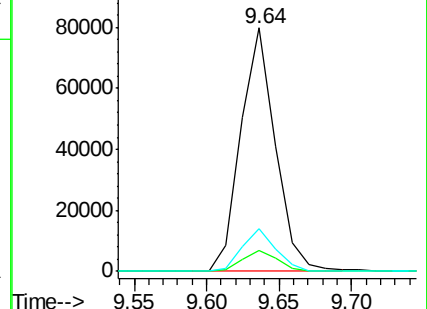
138 17.4 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF077141.D (-739) (-)

Ion 95.00 (94.70 to 95.70): BF077141.D (-739) (-)

Ion 138.00 (137.70 to 138.70): BF077141.D (-739) (-)



#26

2-Nitrophenol

Concen: 29.56 ng

RT: 9.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

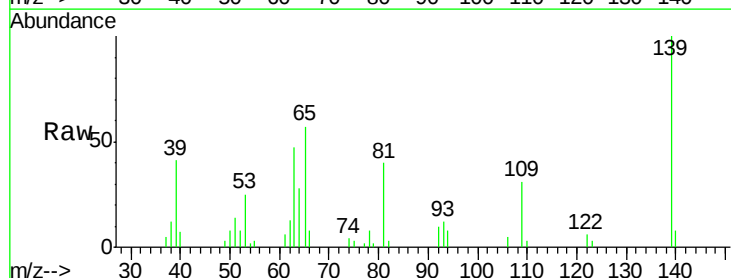
Tgt Ion: 139 Resp: 35269

Ion Ratio Lower Upper

139 100

109 30.8 21.3 31.9

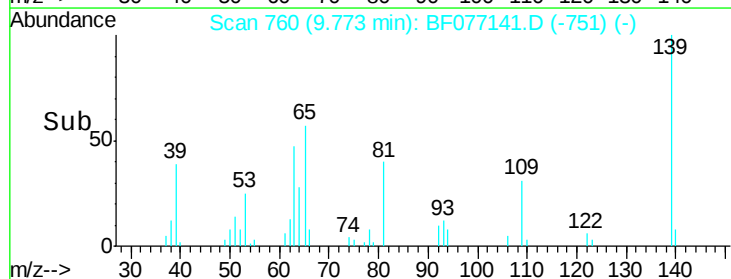
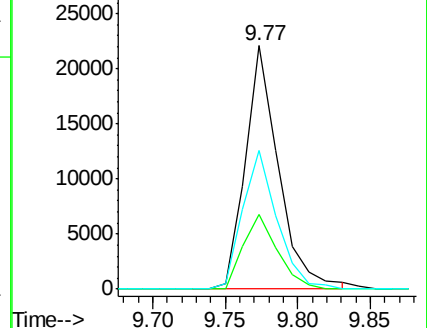
65 57.2 39.4 59.0



Abundance Ion 139.00 (138.70 to 139.70): BF077141.D (-751) (-)

Ion 109.00 (108.70 to 109.70): BF077141.D (-751) (-)

Ion 65.00 (64.70 to 65.70): BF077141.D (-751) (-)

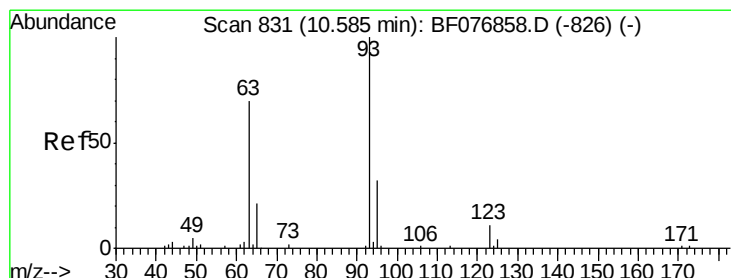
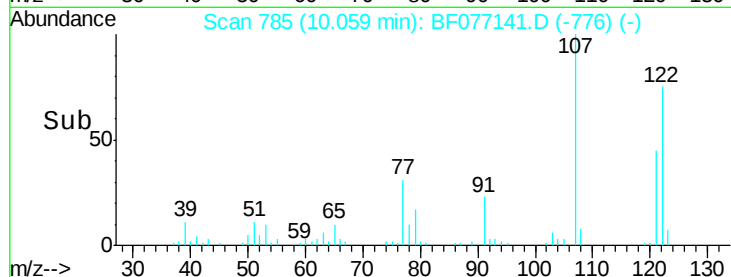
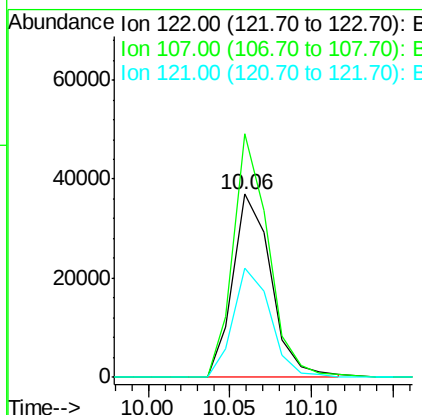
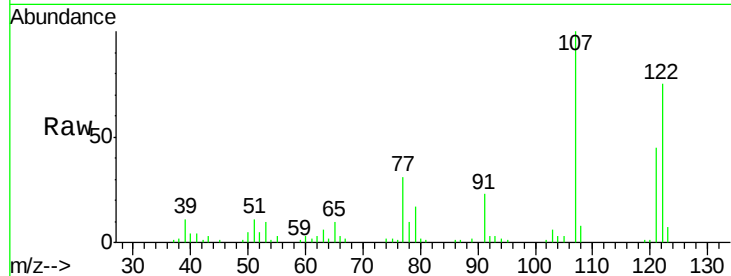




#27
 2,4-Dimethylphenol
 Concen: 32.65 ng
 RT: 10.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

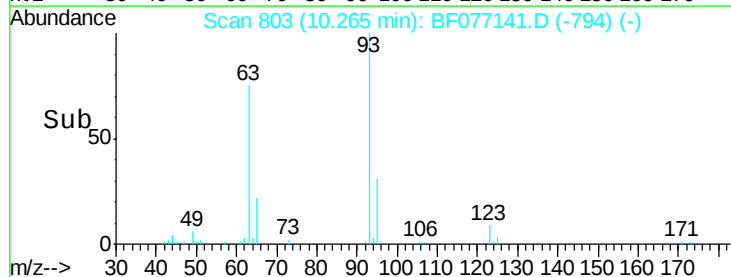
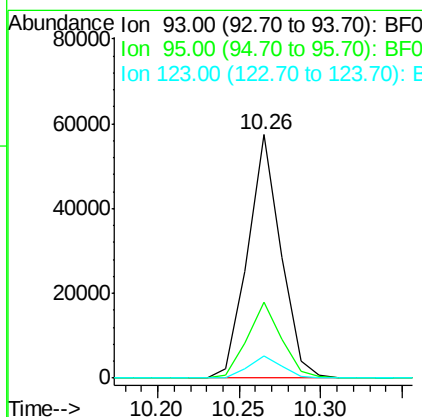
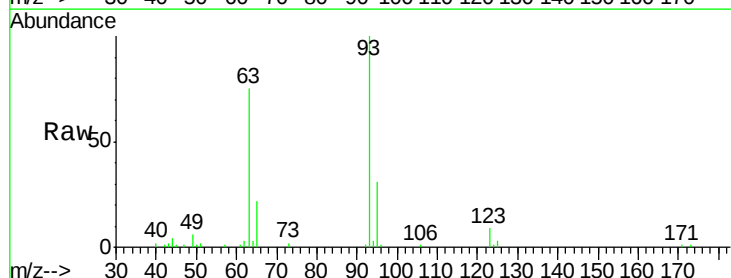
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

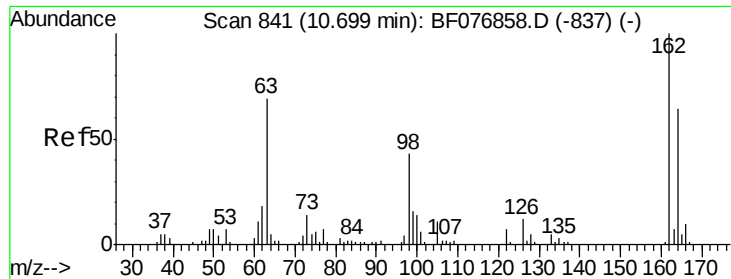
Tgt Ion: 122 Resp: 60250
 Ion Ratio Lower Upper
 122 100
 107 132.8 95.2 142.8
 121 59.8 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.43 ng
 RT: 10.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion: 93 Resp: 81067
 Ion Ratio Lower Upper
 93 100
 95 31.0 25.6 38.4
 123 9.1 8.9 13.3

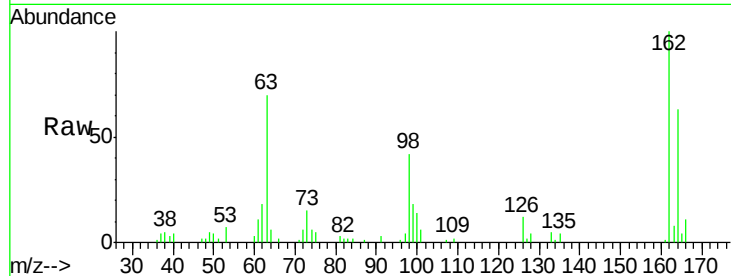




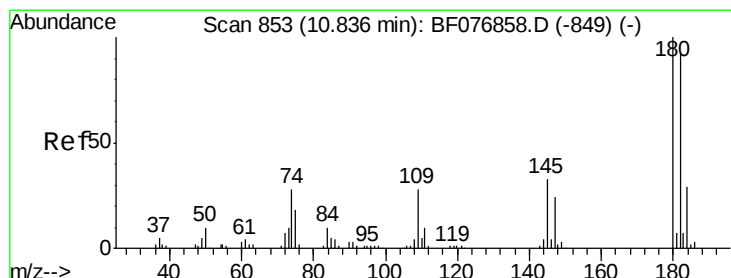
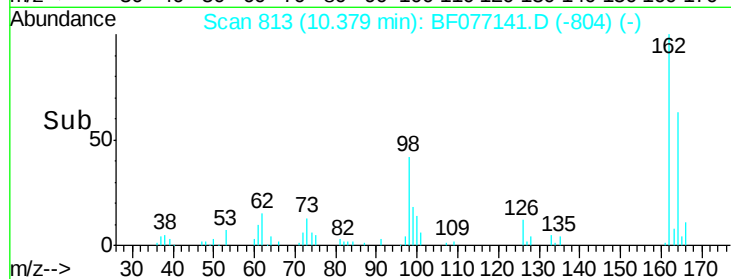
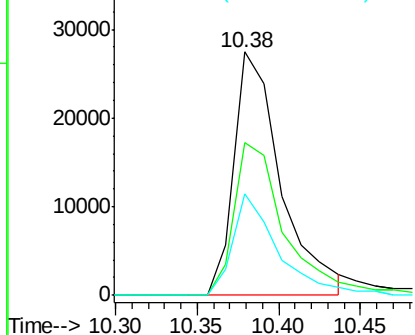
#29
 2,4-Dichlorophenol
 Concen: 31.90 ng
 RT: 10.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:162 Resp: 54874
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.8 83.8
 98 41.7 22.5 62.5

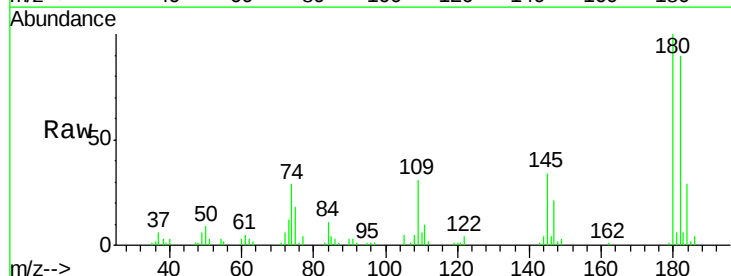


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

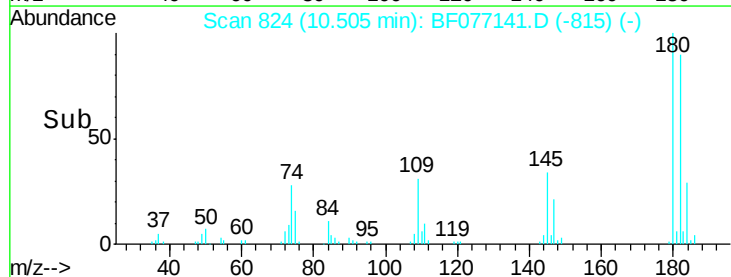
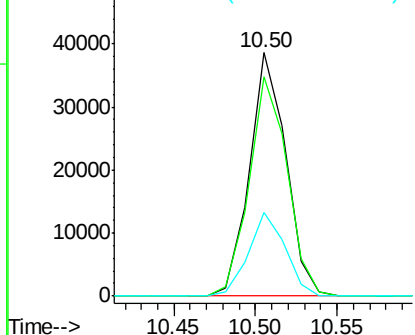


#30
 1,2,4-Trichlorobenzene
 Concen: 31.33 ng
 RT: 10.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:180 Resp: 59859
 Ion Ratio Lower Upper
 180 100
 182 89.9 73.6 110.4
 145 34.3 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

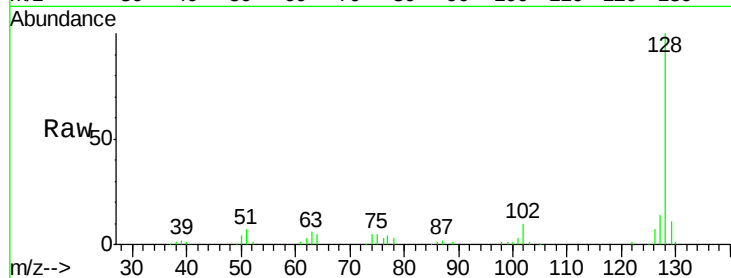




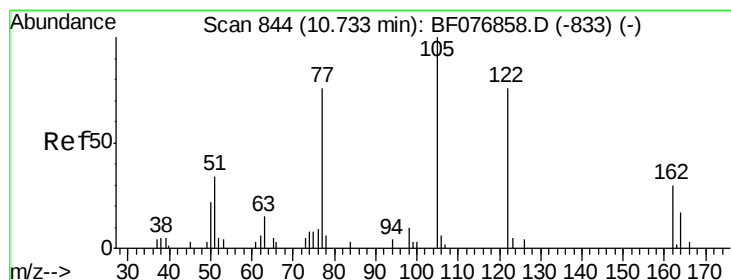
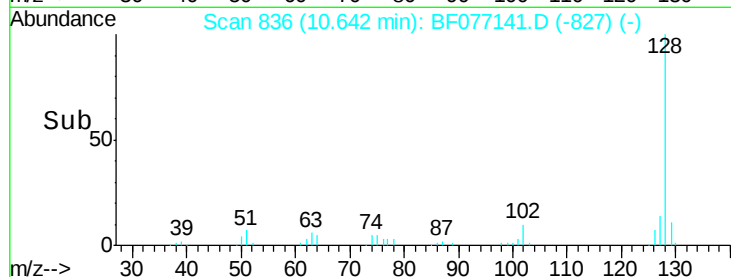
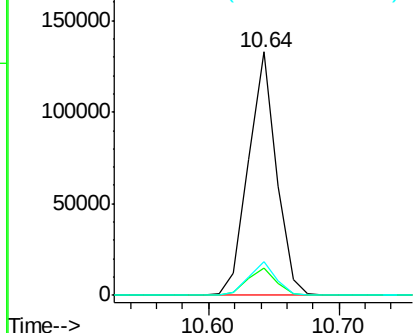
#31
Naphthalene
Concen: 29.71 ng
RT: 10.64 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:128 Resp: 198538
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 10.2 15.2

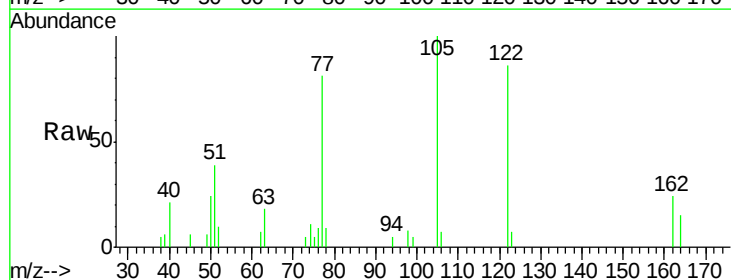


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

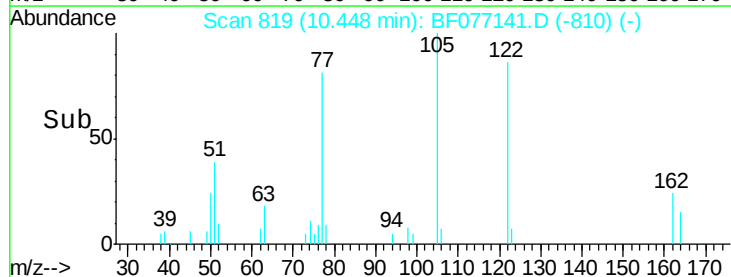
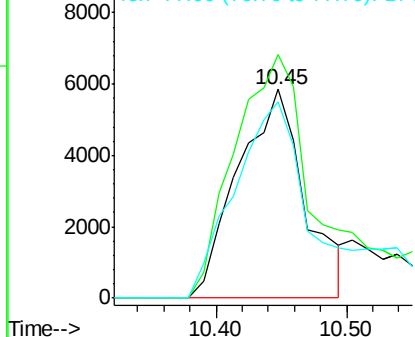


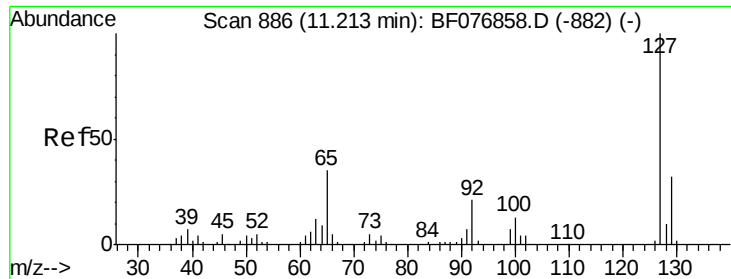
#32
Benzoic acid
Concen: 20.42 ng
RT: 10.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:122 Resp: 20883
Ion Ratio Lower Upper
122 100
105 116.6 111.3 151.3
77 94.2 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

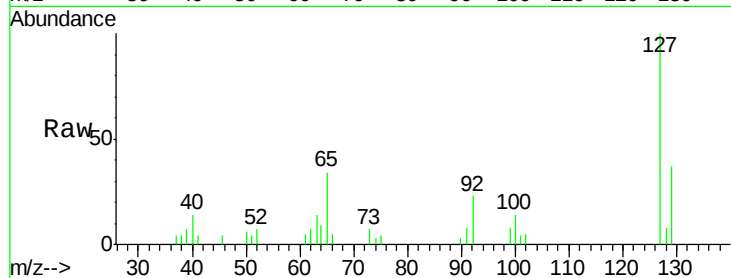




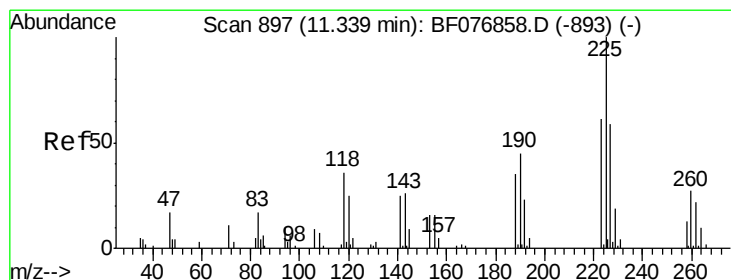
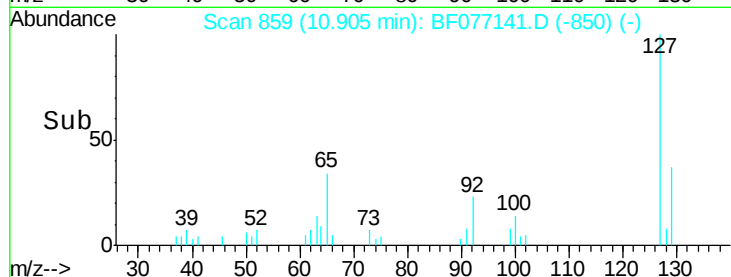
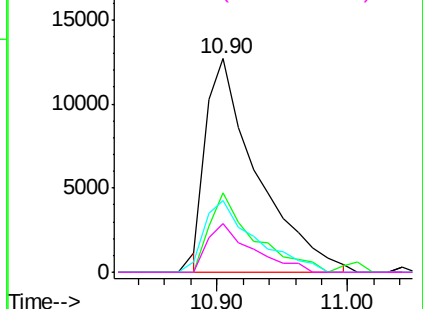
#33
4-Chloroaniline
Concen: 12.86 ng m
RT: 10.90 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:	127	Resp:	34717
Ion	Ratio	Lower	Upper
127	100		
129	37.0	25.3	37.9
65	33.7	27.8	41.6
92	22.7	16.5	24.7

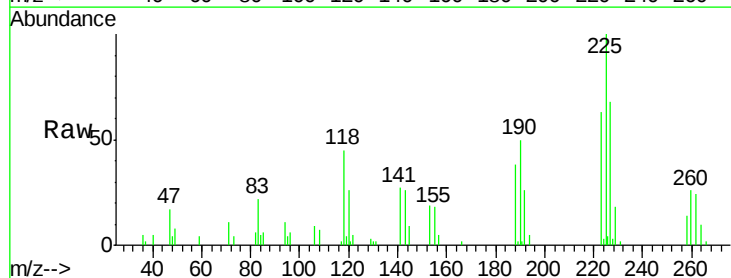


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

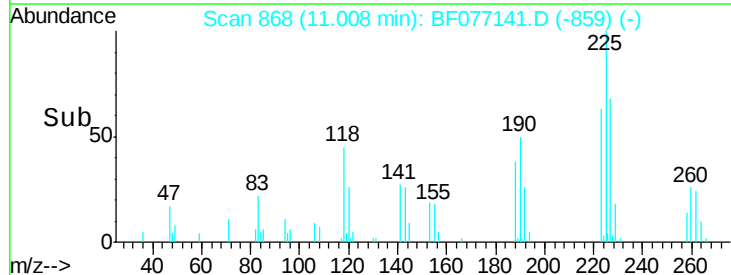
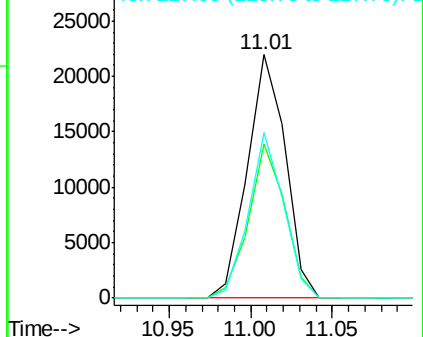


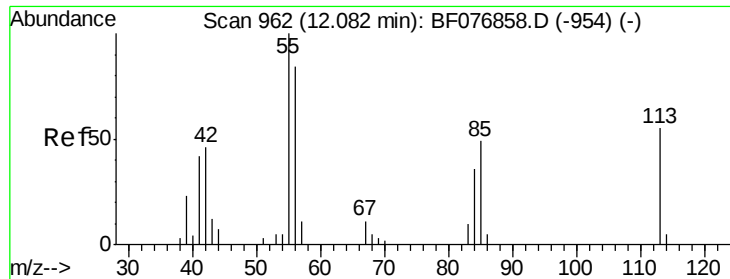
#34
Hexachlorobutadiene
Concen: 31.29 ng
RT: 11.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:	225	Resp:	35470
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.1	73.7
227	68.0	47.5	71.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.25 ng

RT: 11.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

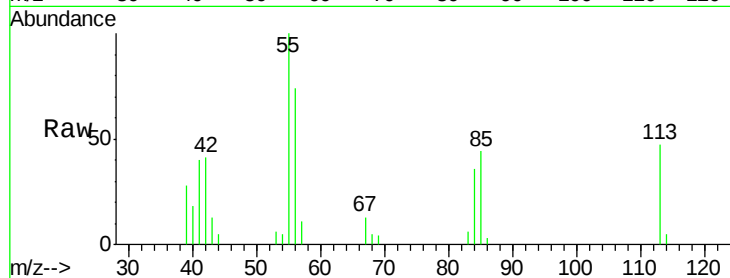
Tgt Ion:113 Resp: 14306

Ion Ratio Lower Upper

113 100

55 212.8 162.1 202.1#

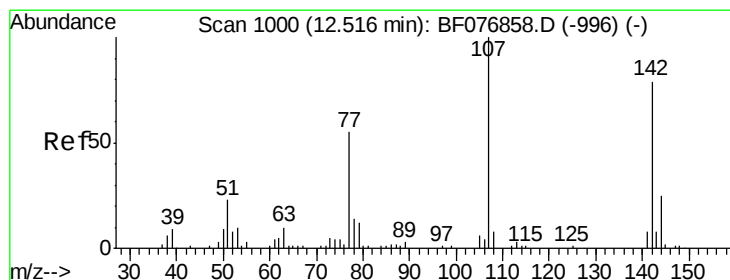
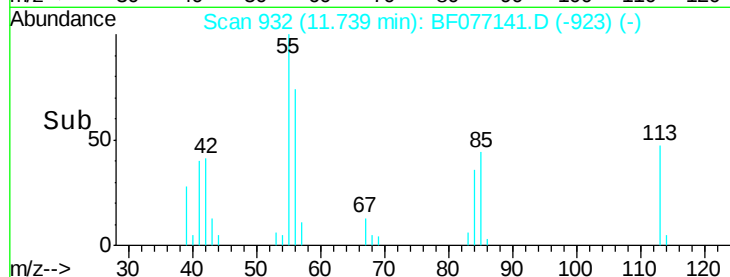
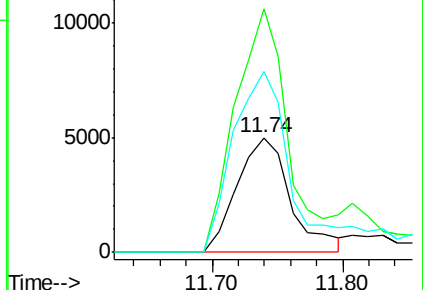
56 158.1 133.7 173.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.44 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

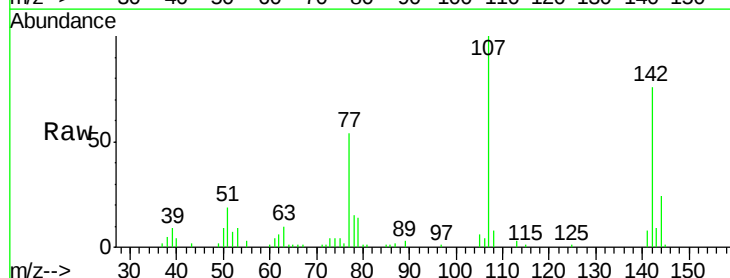
Tgt Ion:107 Resp: 63888

Ion Ratio Lower Upper

107 100

144 23.5 20.0 30.0

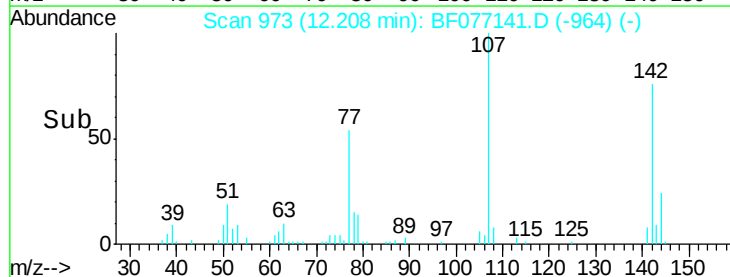
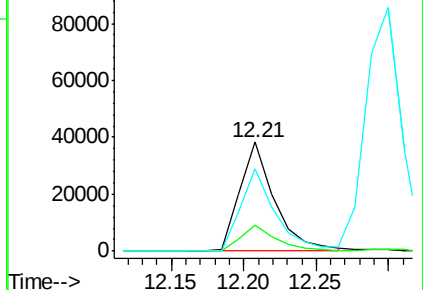
142 76.2 63.5 95.3

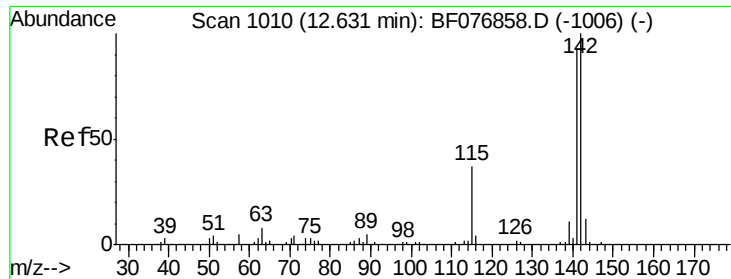


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

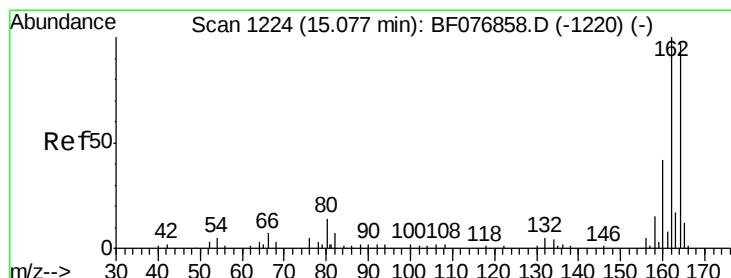
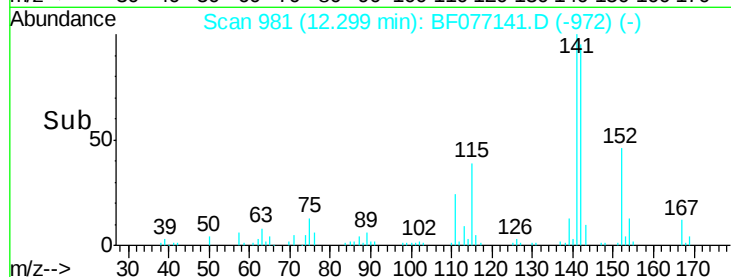
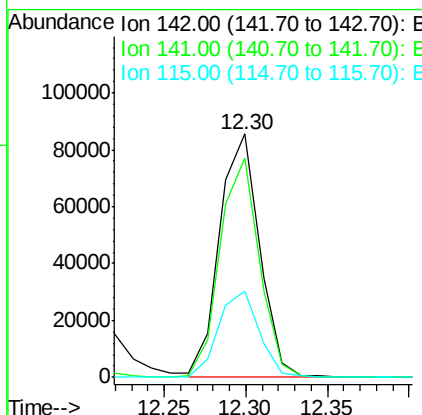
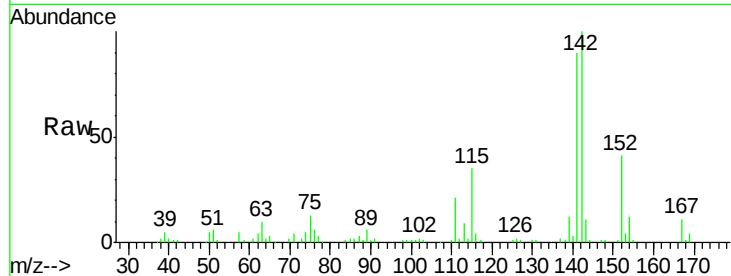




#37
2-Methylnaphthalene
Concen: 31.42 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

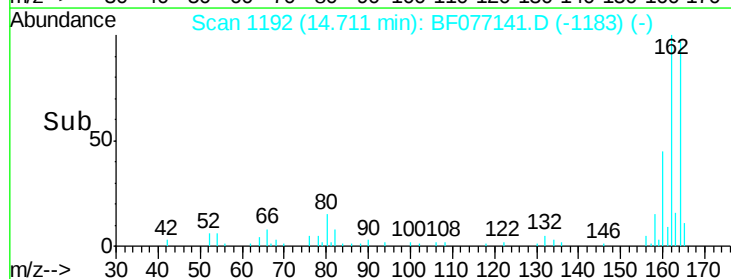
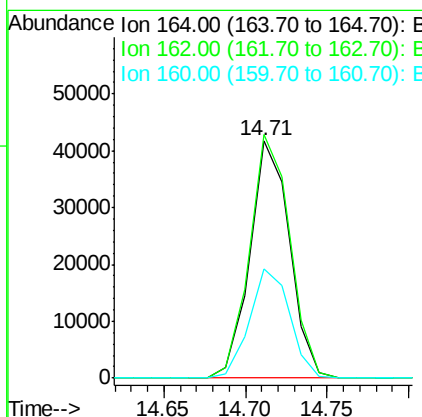
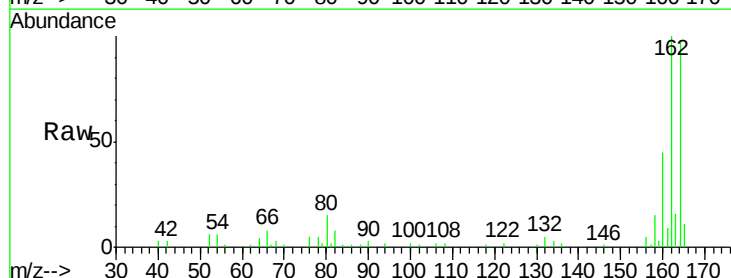
Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:142 Resp: 143400
Ion Ratio Lower Upper
142 100
141 90.2 74.5 111.7
115 35.4 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:164 Resp: 70612
Ion Ratio Lower Upper
164 100
162 102.6 82.4 123.6
160 45.8 34.8 52.2

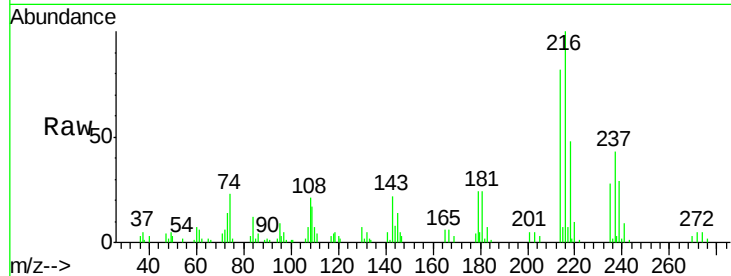




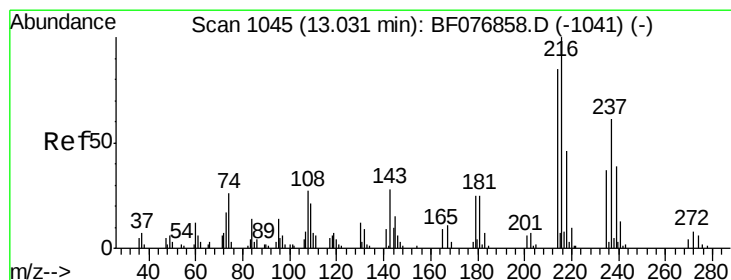
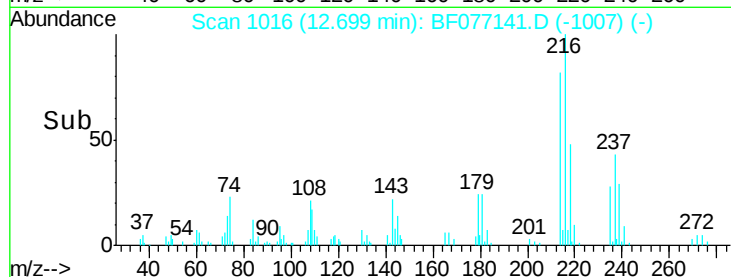
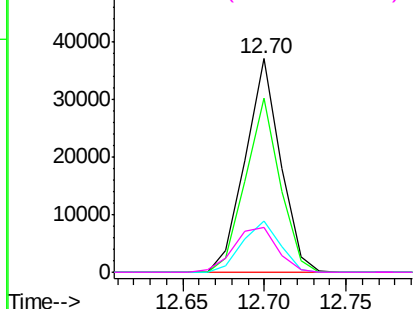
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.88 ng
 RT: 12.70 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:	216	Resp:	55662
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.9	97.3
179	25.4	18.6	28.0
108	25.8	18.1	27.1

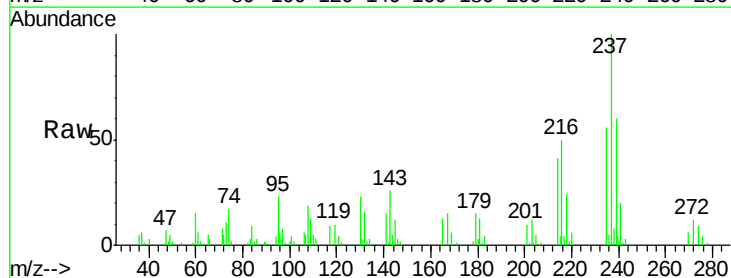


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

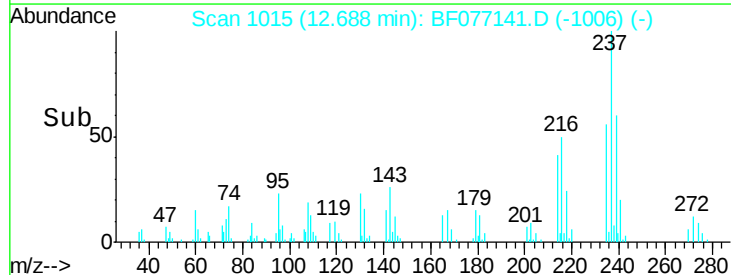
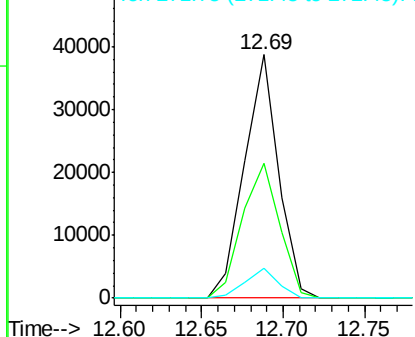


#40
 Hexachlorocyclopentadiene
 Concen: 61.08 ng
 RT: 12.69 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:	237	Resp:	56319
Ion	Ratio	Lower	Upper
237	100		
235	55.5	40.4	80.4
272	12.3	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

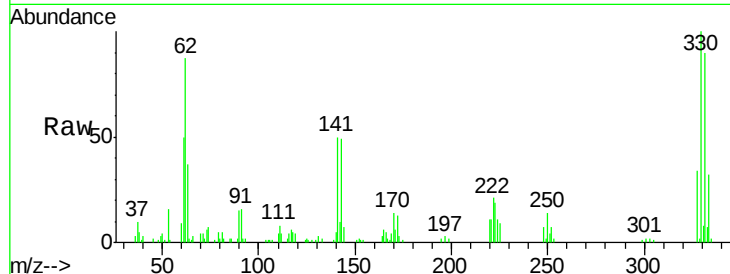




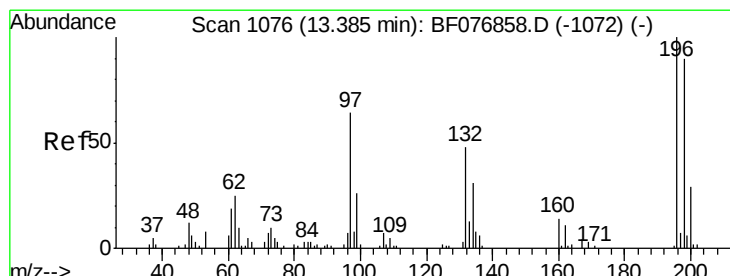
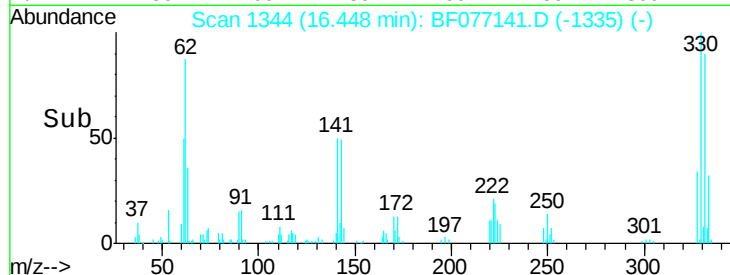
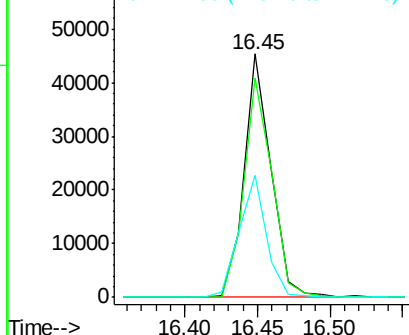
#41
 2,4,6-Tribromophenol
 Concen: 102.00 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:330 Resp: 58465
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.8 116.6
 141 50.7 38.5 57.7

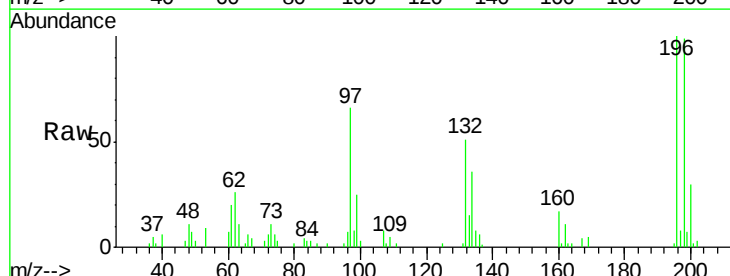


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

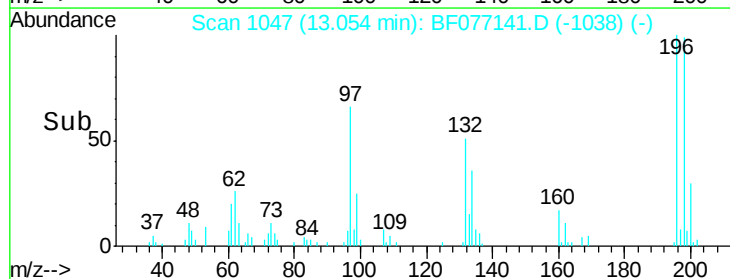
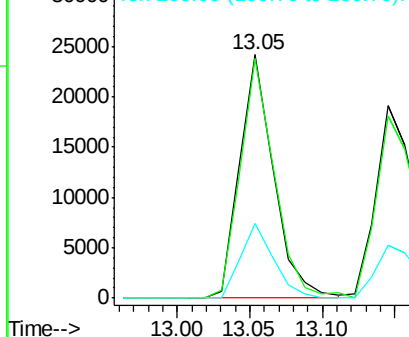


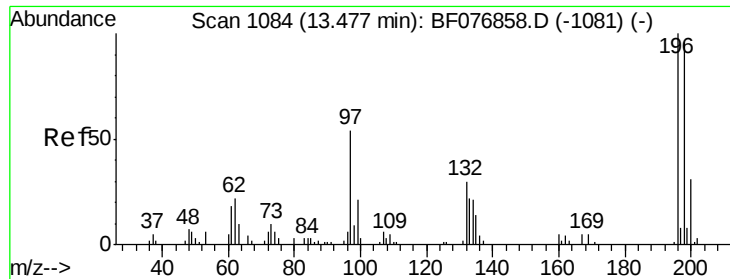
#42
 2,4,6-Trichlorophenol
 Concen: 30.95 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:196 Resp: 39363
 Ion Ratio Lower Upper
 196 100
 198 98.5 72.0 108.0
 200 30.4 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

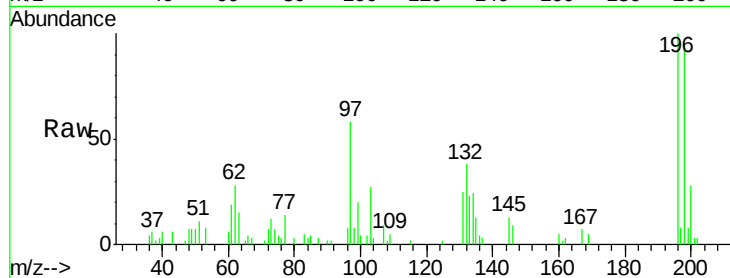




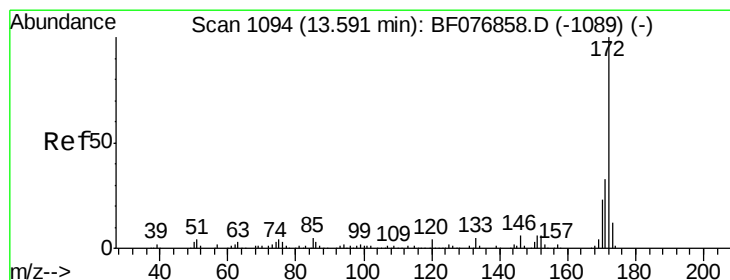
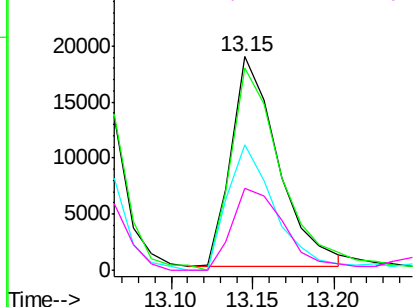
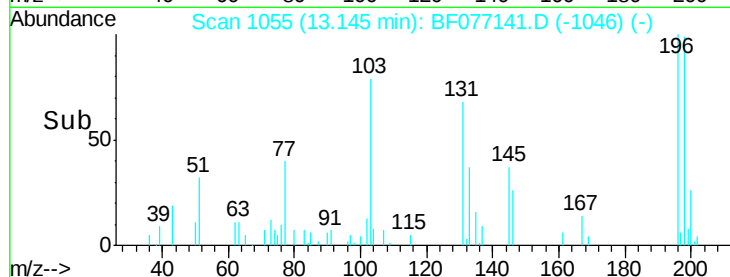
#43
 2,4,5-Trichlorophenol
 Concen: 29.02 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleID :
 PB81546BS

Tgt Ion:196 Resp: 37648
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 97 58.4 43.4 65.0
 132 38.4 23.7 35.5#

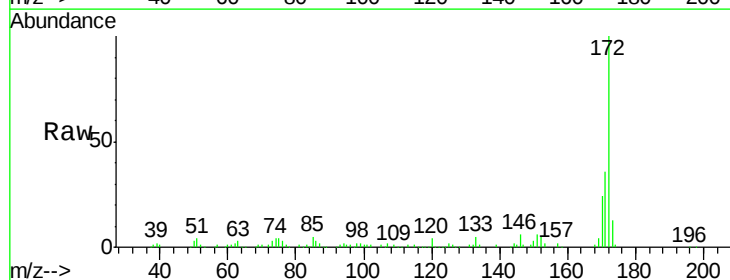


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

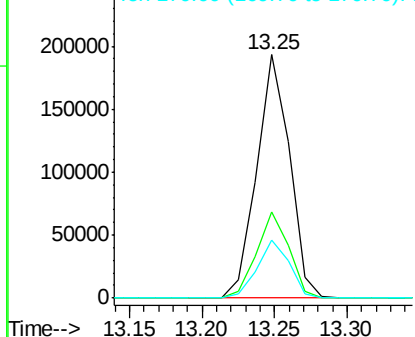
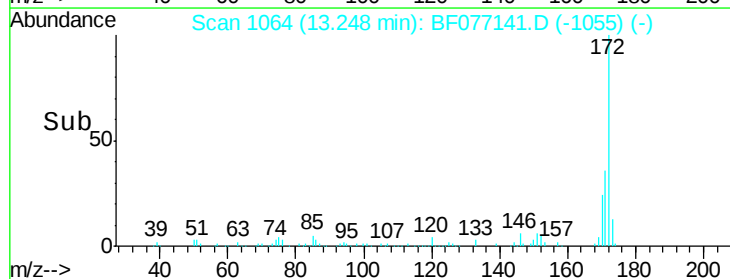


#44
 2-Fluorobiphenyl
 Concen: 65.28 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:172 Resp: 302879
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 24.0 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

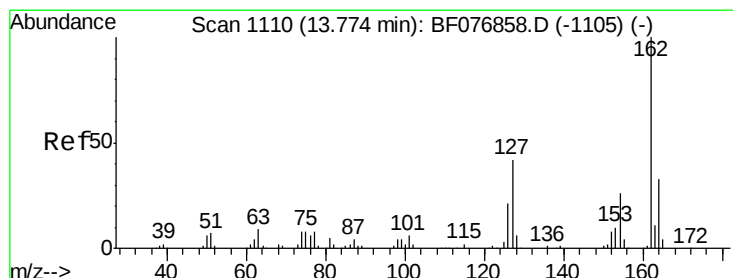
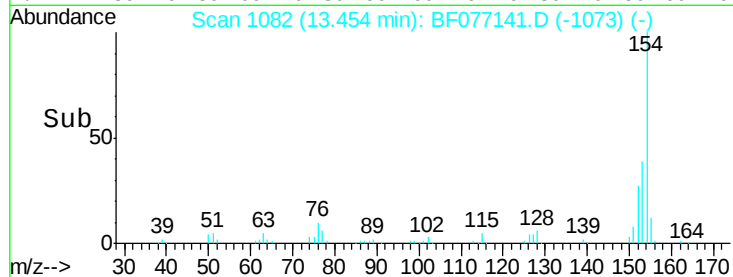
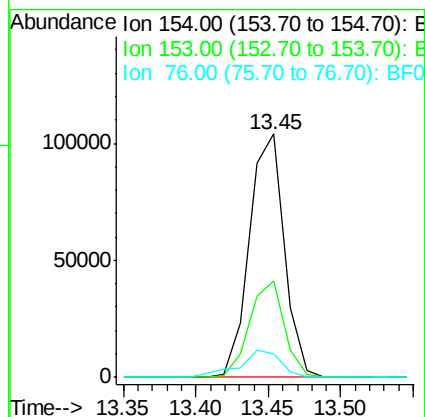
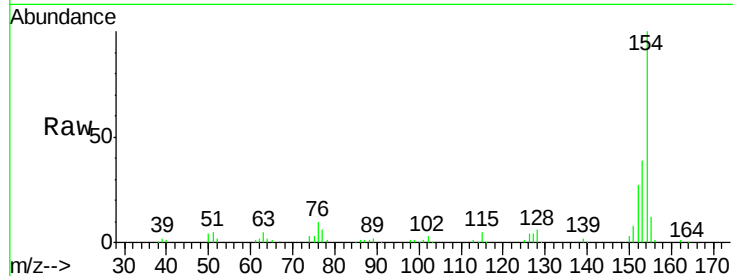




#45
 1,1'-Biphenyl
 Concen: 33.20 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

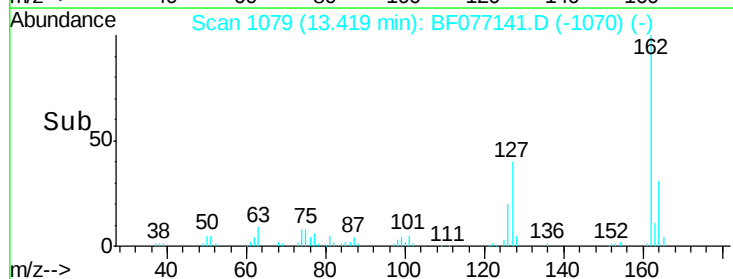
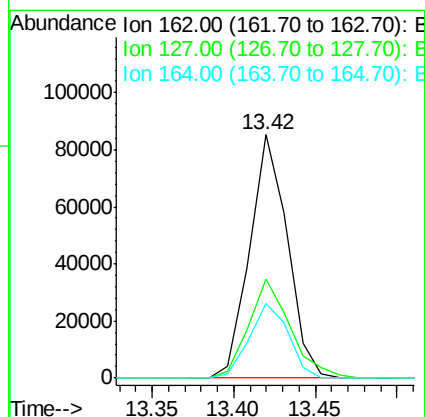
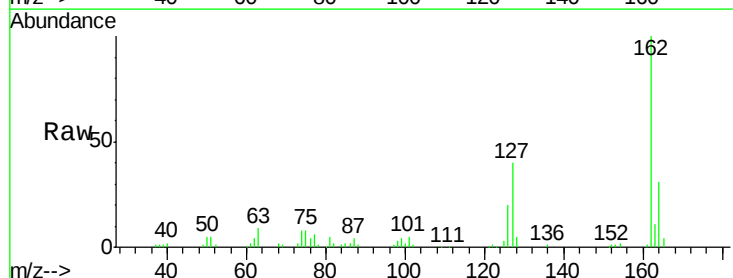
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

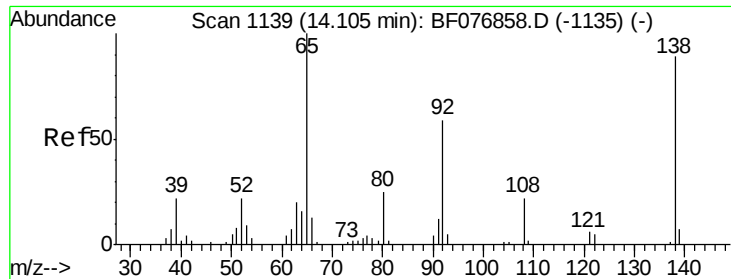
Tgt Ion:154 Resp: 173818
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 9.7 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 31.78 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:162 Resp: 136880
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.8 50.6
 164 30.9 26.8 40.2

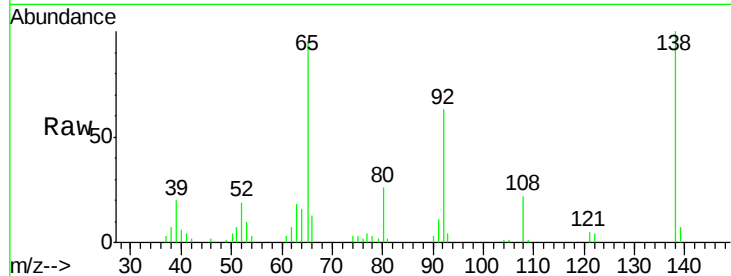




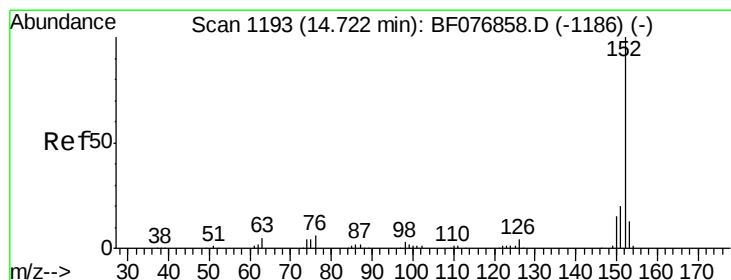
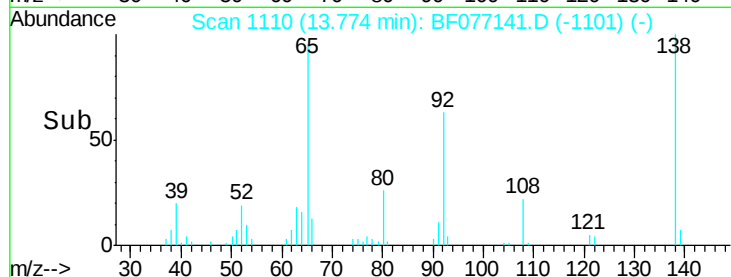
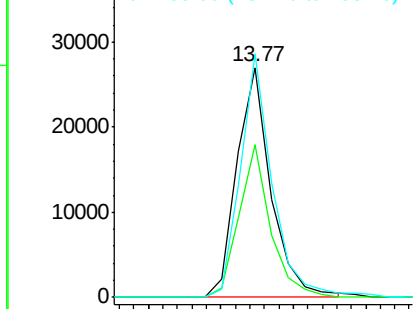
#47
2-Nitroaniline
Concen: 33.61 ng
RT: 13.77 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion: 65 Resp: 43919
Ion Ratio Lower Upper
65 100
92 66.1 47.3 70.9
138 105.8 71.4 107.2

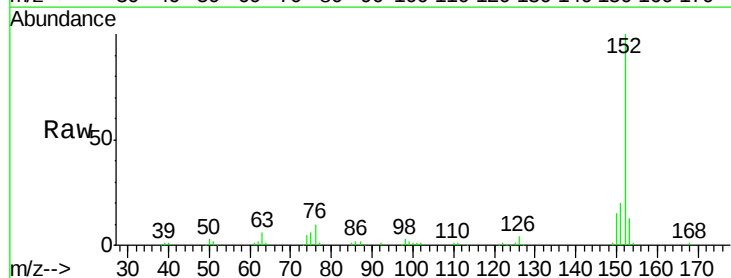


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

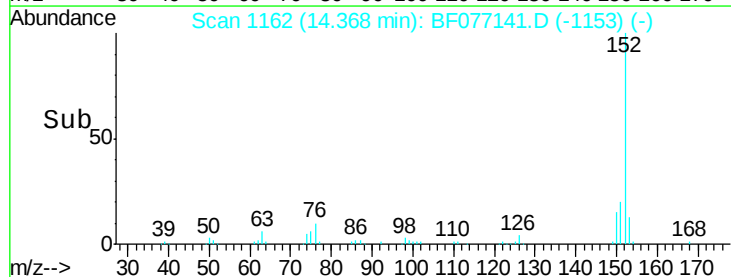
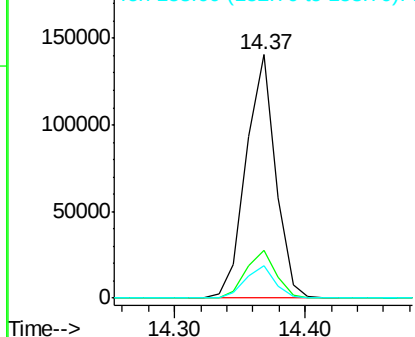


#48
Acenaphthylene
Concen: 30.53 ng
RT: 14.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion: 152 Resp: 221814
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.38 ng

RT: 14.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

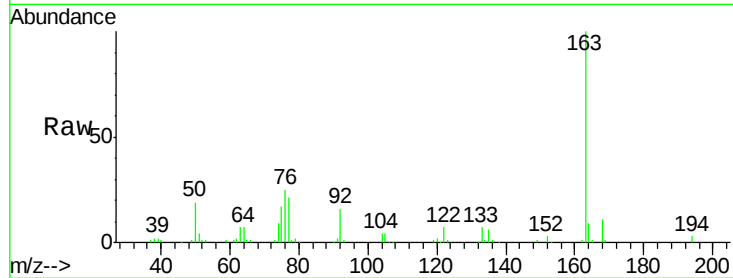
Tgt Ion:163 Resp: 167175

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

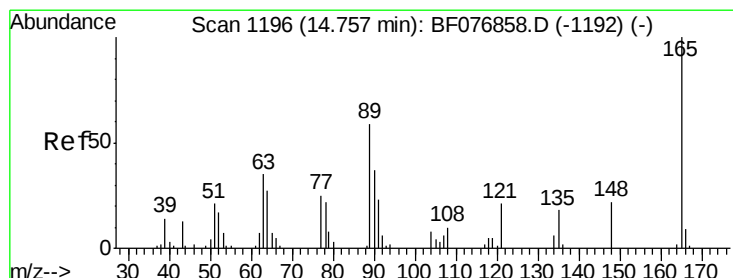
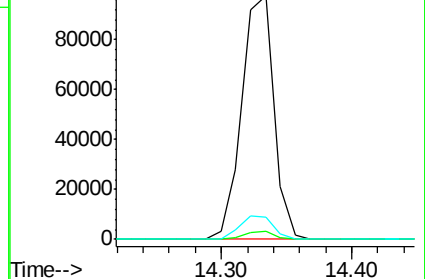
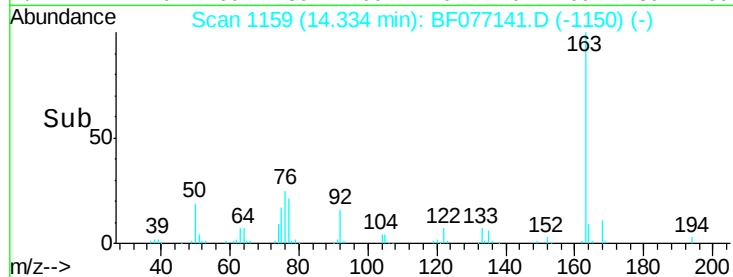
164 9.1 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.78 ng

RT: 14.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

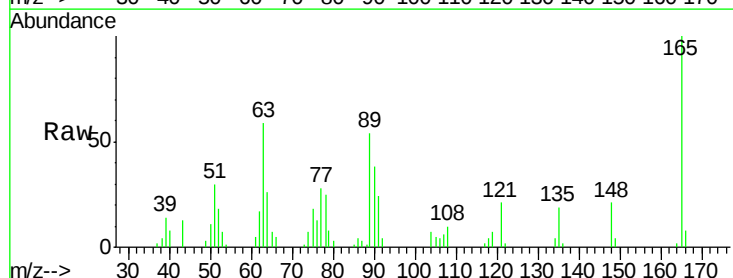
Tgt Ion:165 Resp: 33797

Ion Ratio Lower Upper

165 100

63 58.5 48.1 72.1

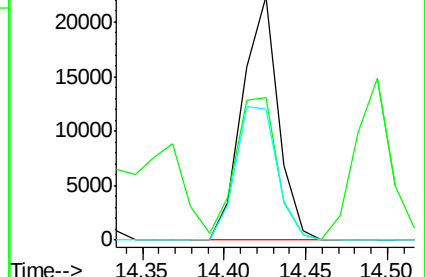
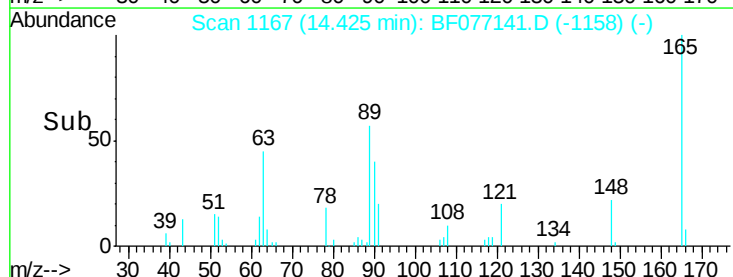
89 54.0 47.2 70.8

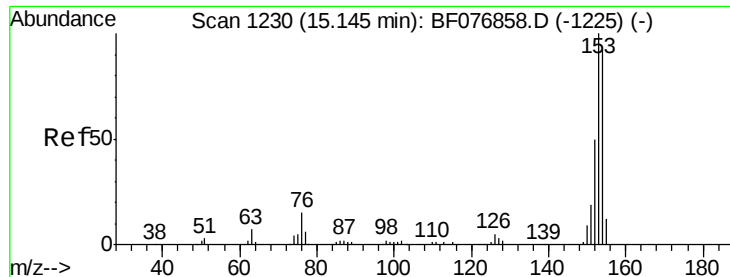


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.44 ng

RT: 14.79 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

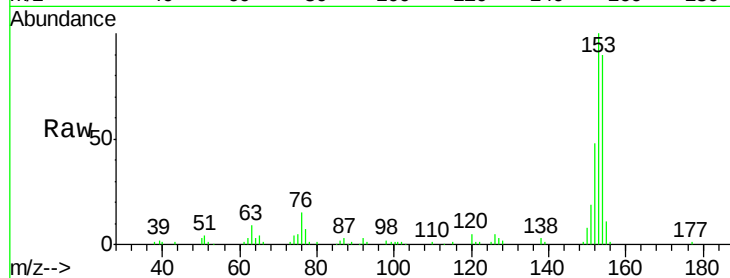
Tgt Ion:154 Resp: 125501

Ion Ratio Lower Upper

154 100

153 111.6 87.0 130.6

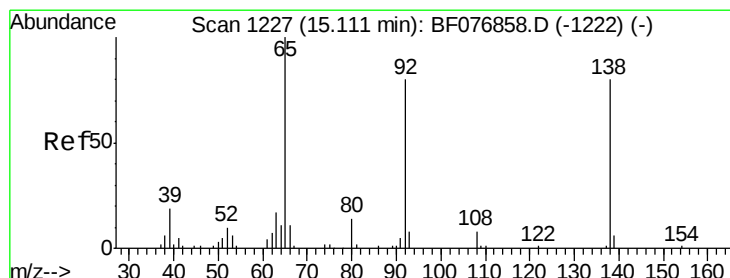
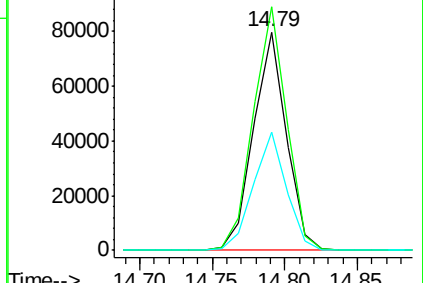
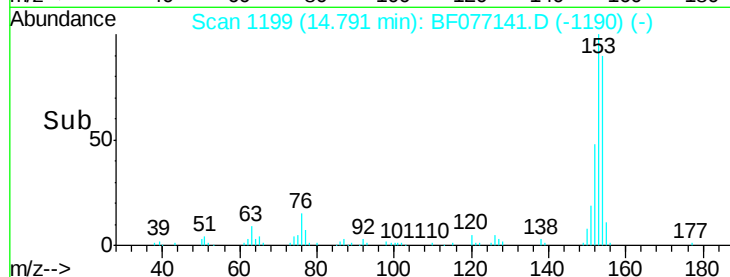
152 54.1 43.5 65.3



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: 16.54 ng

RT: 14.77 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

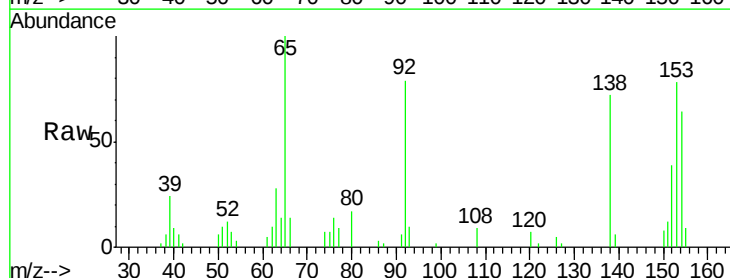
Tgt Ion:138 Resp: 19988

Ion Ratio Lower Upper

138 100

108 11.9 8.3 12.5

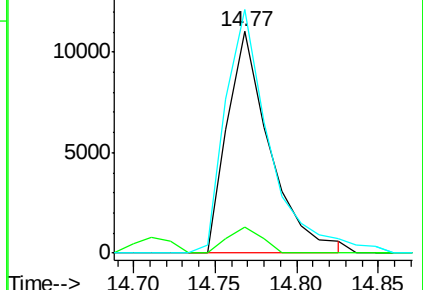
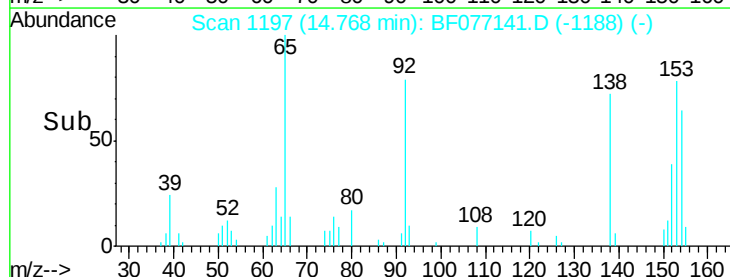
92 109.9 80.9 121.3

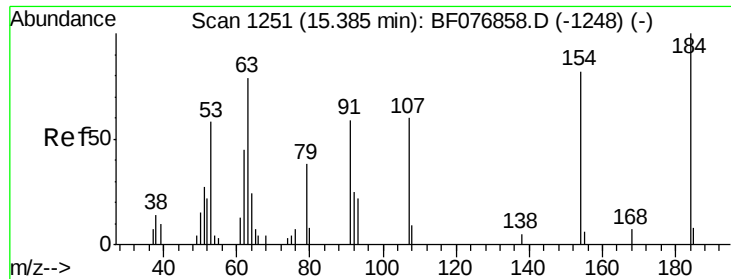


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

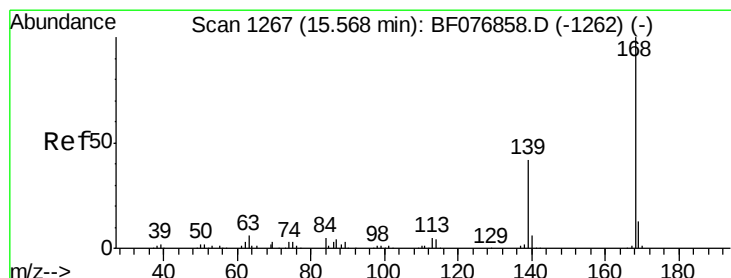
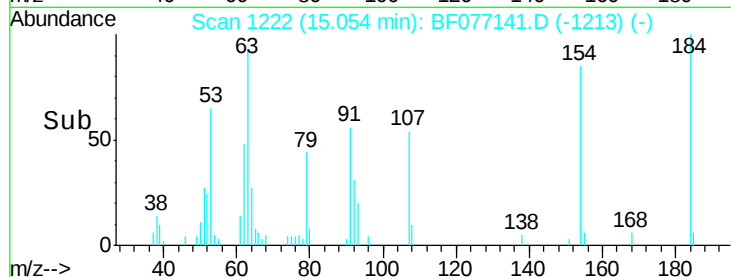
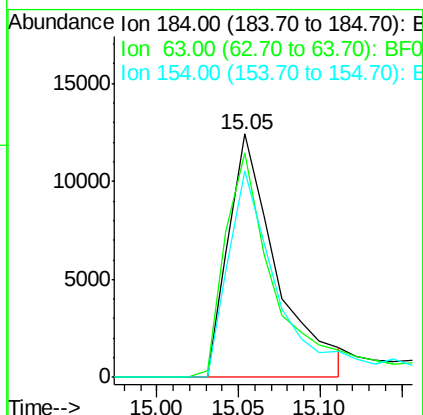
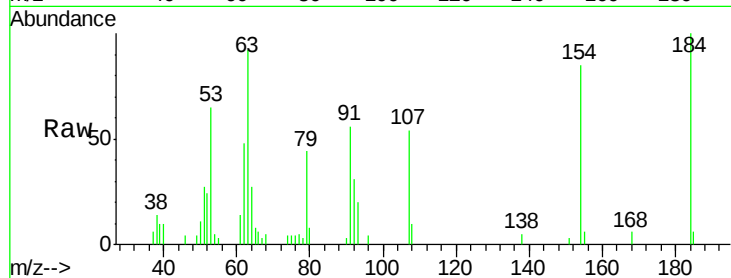




#53
2,4-Dinitrophenol
Concen: 58.04 ng
RT: 15.05 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

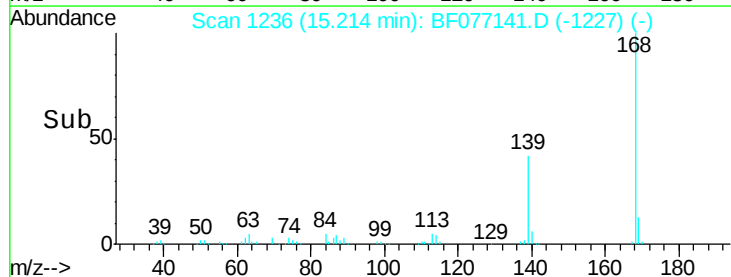
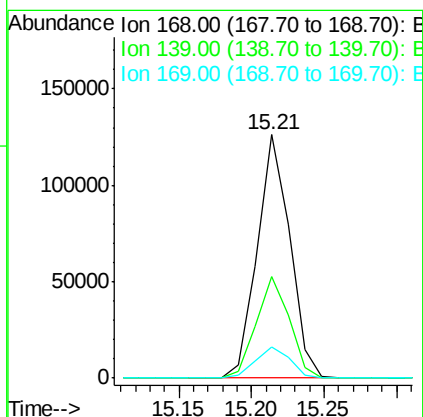
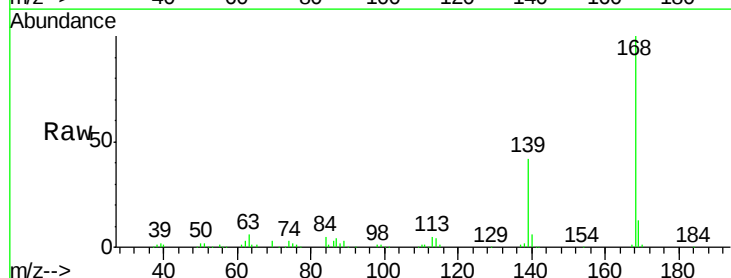
Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:184 Resp: 25476
Ion Ratio Lower Upper
184 100
63 92.2 63.0 94.6
154 84.7 65.5 98.3



#54
Dibenzofuran
Concen: 32.88 ng
RT: 15.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:168 Resp: 197435
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2
169 12.9 10.6 15.8

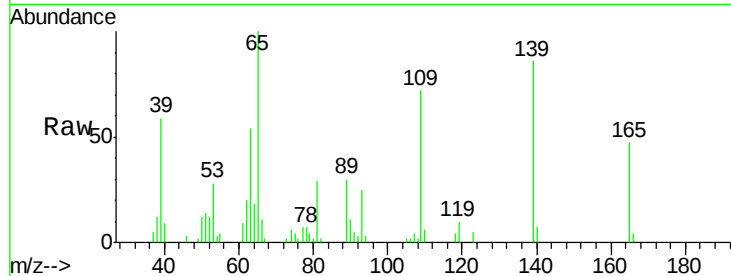




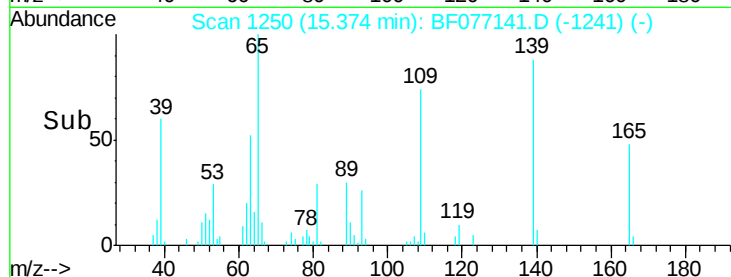
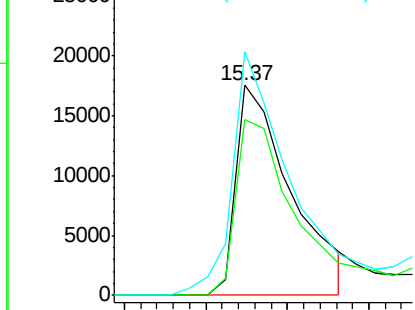
#55
4-Nitrophenol
Concen: 52.36 ng
RT: 15.37 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampled :
PB81546BS

Tgt Ion:139 Resp: 41099
Ion Ratio Lower Upper
139 100
109 83.9 61.0 101.0
65 116.0 96.6 136.6

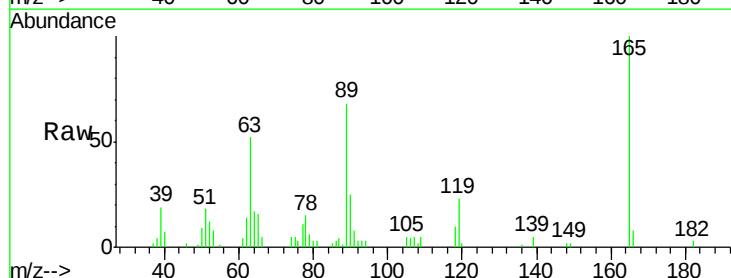


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

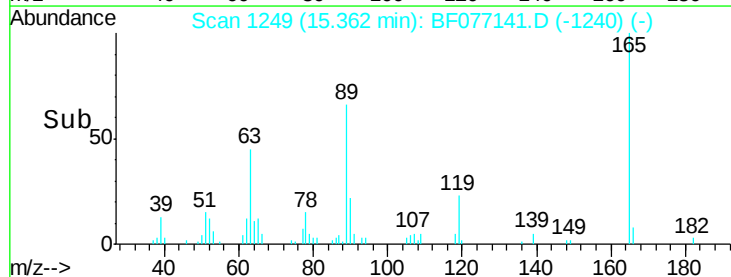
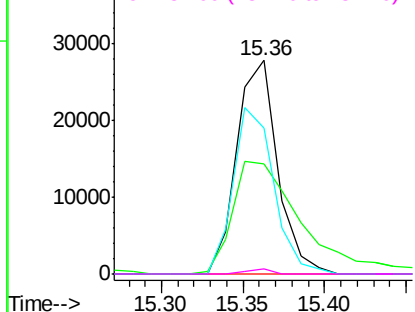


#56
2,4-Dinitrotoluene
Concen: 32.85 ng
RT: 15.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:165 Resp: 48227
Ion Ratio Lower Upper
165 100
63 51.6 44.8 67.2
89 68.4 56.2 84.2
182 2.7 1.5 2.3#



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

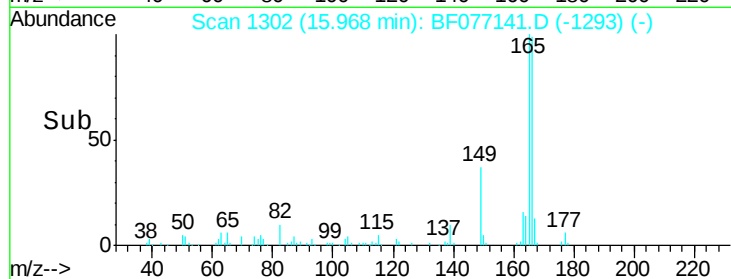
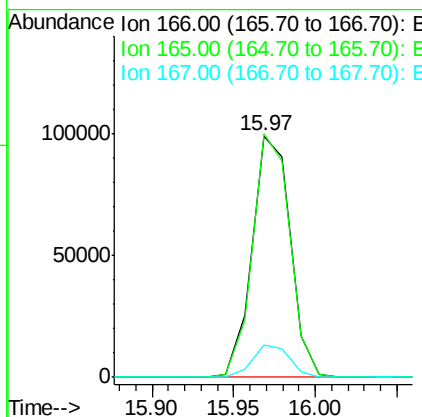
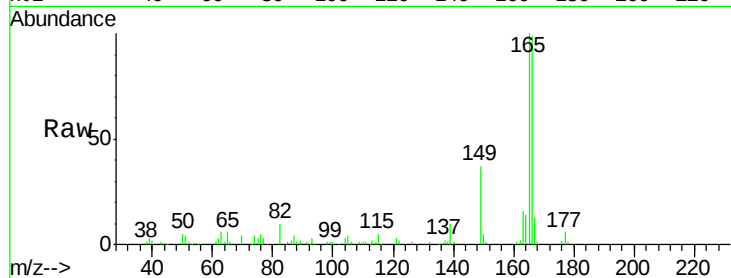




#57
 Fluorene
 Concen: 31.73 ng
 RT: 15.97 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

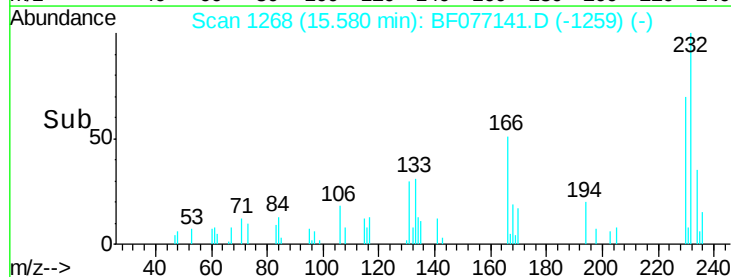
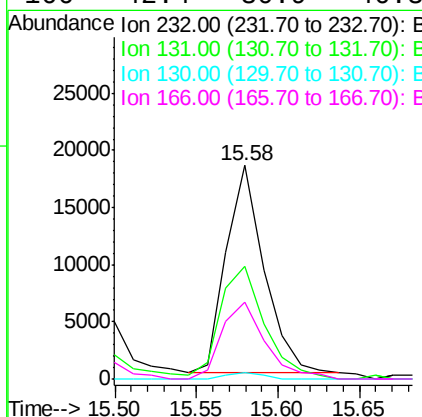
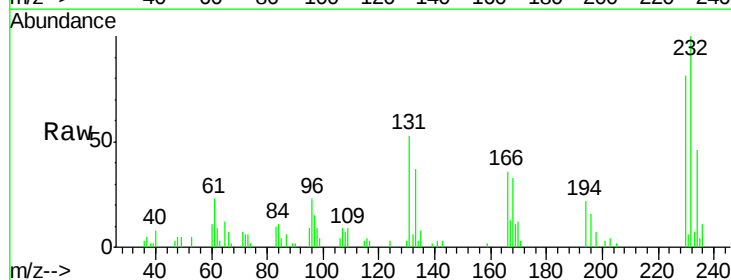
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:166 Resp: 161442
 Ion Ratio Lower Upper
 166 100
 165 100.9 78.5 117.7
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.98 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:232 Resp: 29262
 Ion Ratio Lower Upper
 232 100
 131 64.1 45.0 67.6
 130 3.0 2.6 3.8
 166 42.4 30.9 46.3

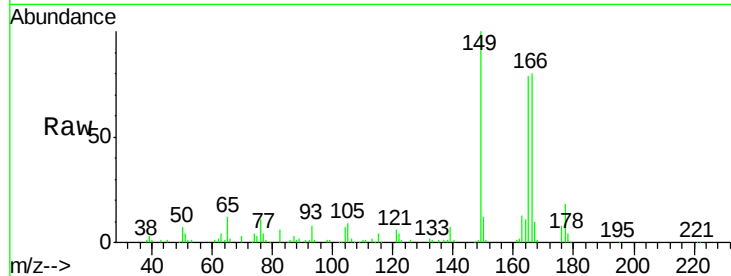




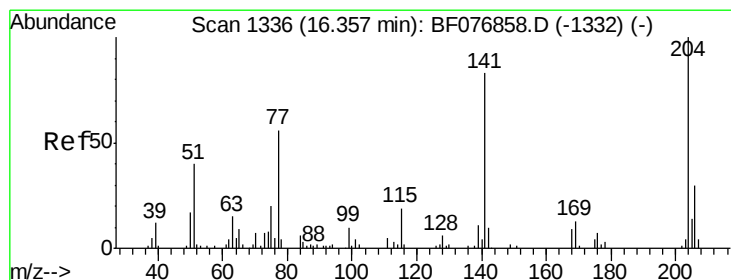
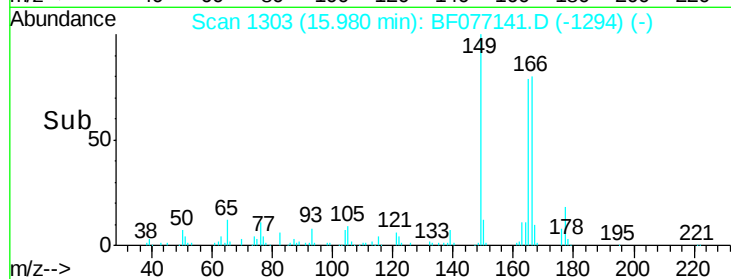
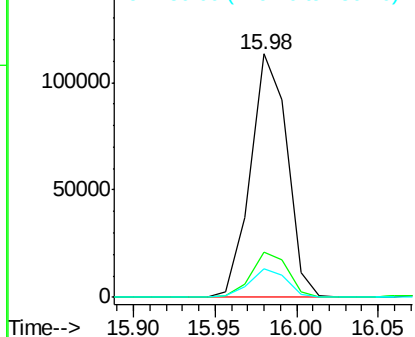
#59
Diethylphthalate
Concen: 34.88 ng
RT: 15.98 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:149 Resp: 176534
Ion Ratio Lower Upper
149 100
177 18.5 15.0 22.6
150 11.6 9.4 14.0

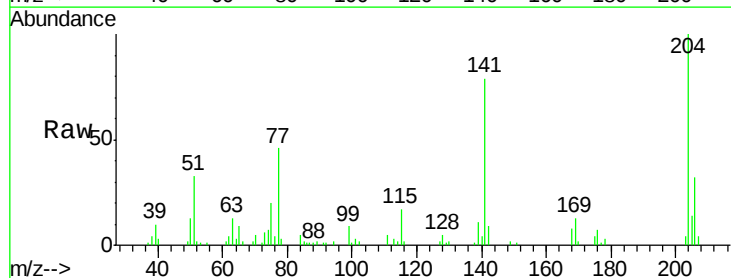


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

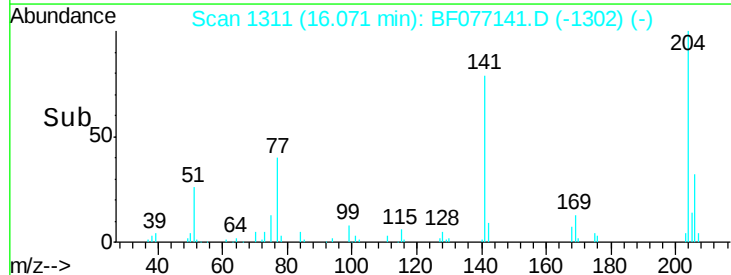
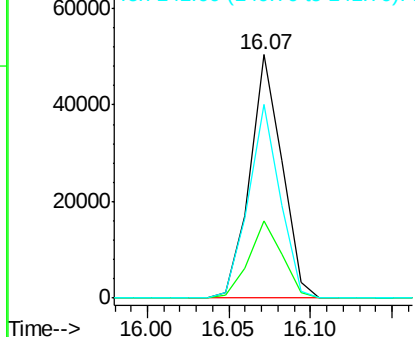


#60
4-Chlorophenyl-phenylether
Concen: 33.07 ng
RT: 16.07 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:204 Resp: 68838
Ion Ratio Lower Upper
204 100
206 31.5 24.2 36.2
141 79.4 66.7 100.1



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

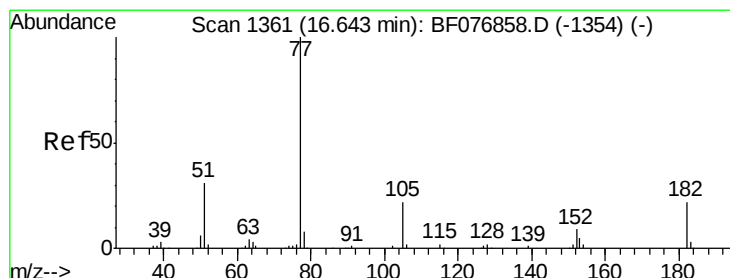
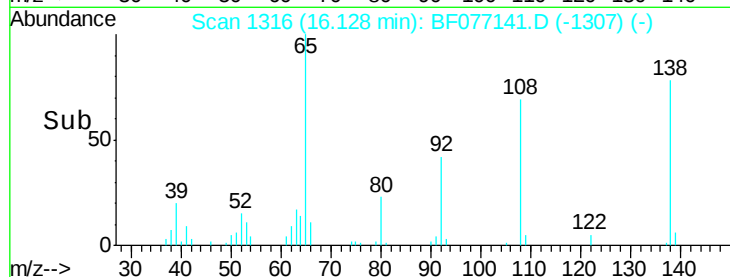
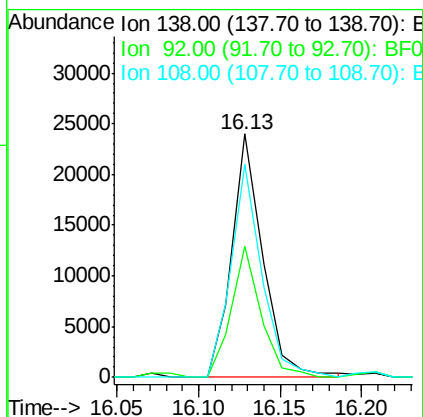
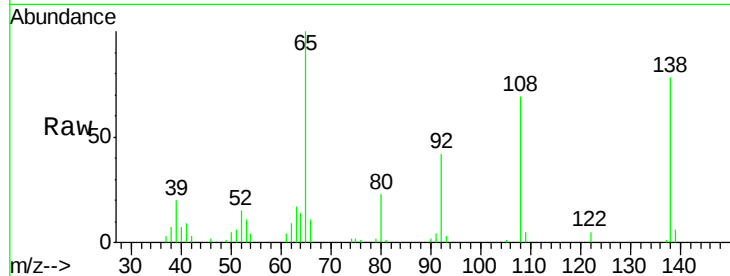




#61
4-Nitroaniline
Concen: 25.71 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

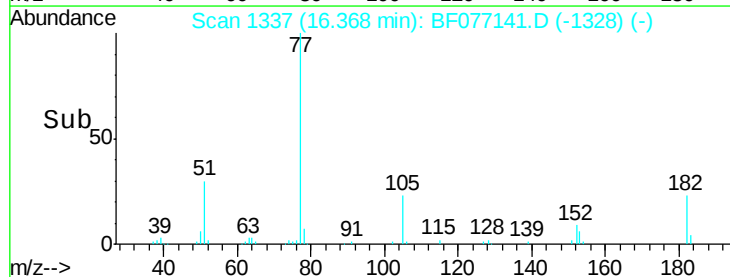
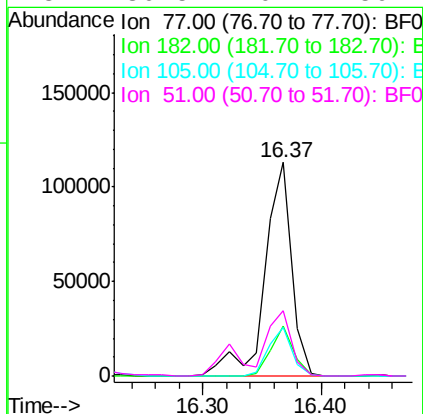
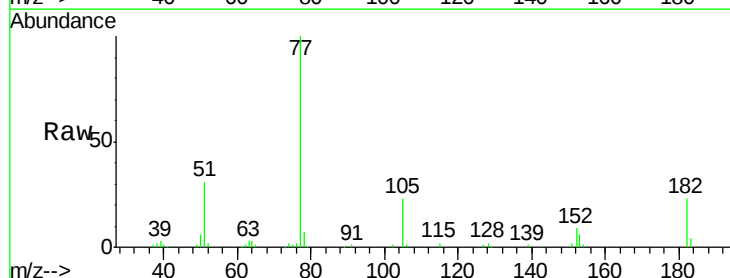
Instrument :
BNA_F
ClientSampleId :
PB81546BS

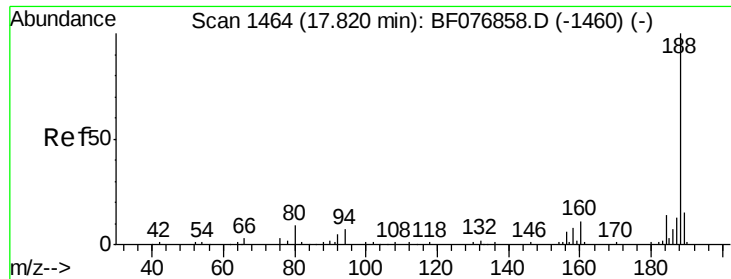
Tgt Ion:138 Resp: 31564
Ion Ratio Lower Upper
138 100
92 53.9 26.7 66.7
108 87.5 64.5 104.5



#62
Azobenzene
Concen: 33.72 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion: 77 Resp: 177818
Ion Ratio Lower Upper
77 100
182 23.1 2.0 42.0
105 22.9 2.3 42.3
51 30.5 10.7 50.7

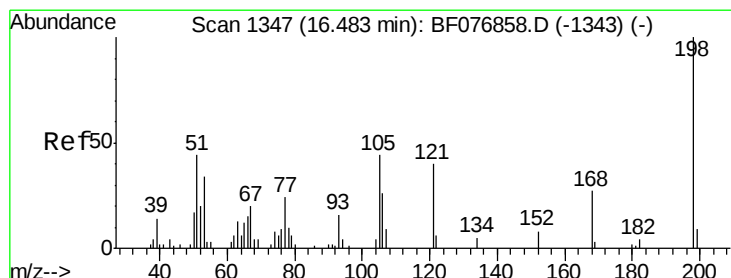
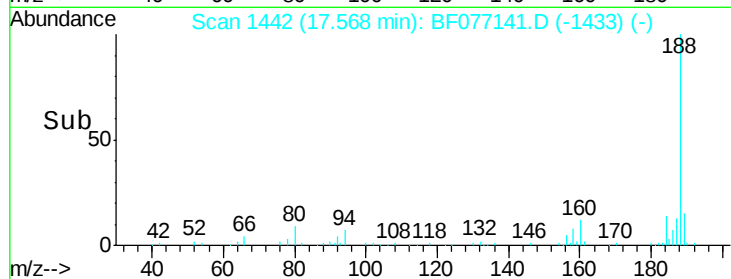
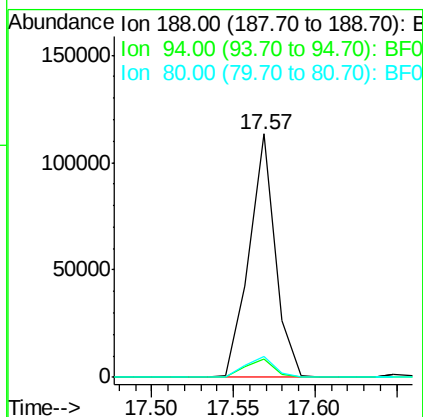
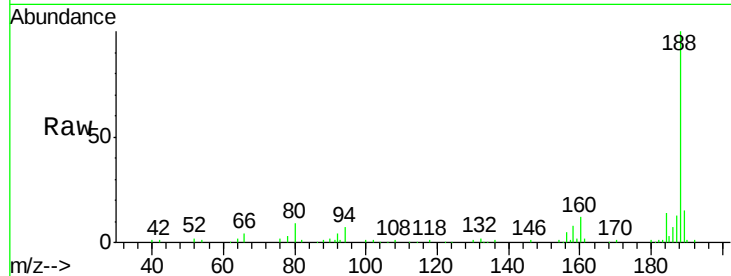




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

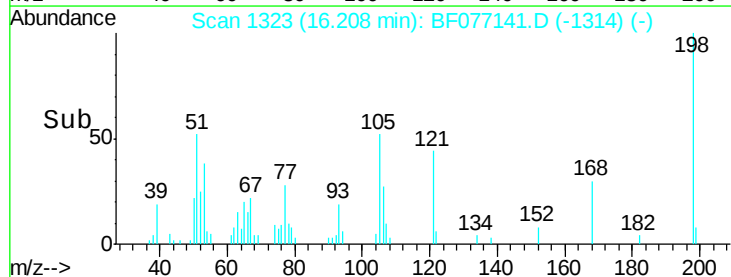
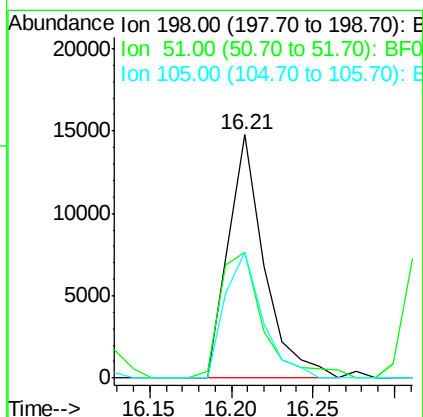
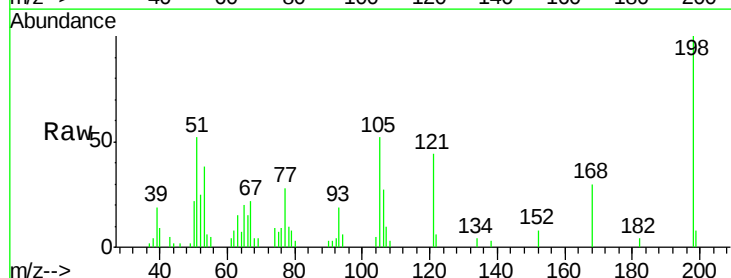
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.0	9.0
80	8.7	6.9	10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.27 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.7	24.2	64.2
105	51.7	24.0	64.0

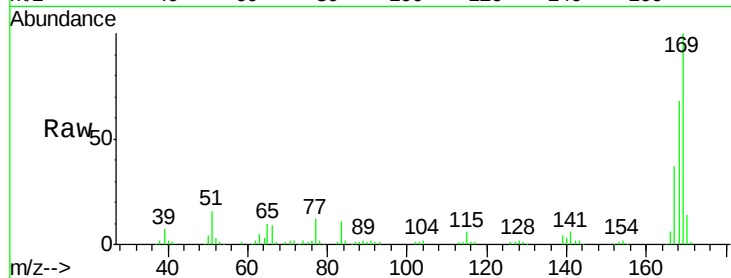




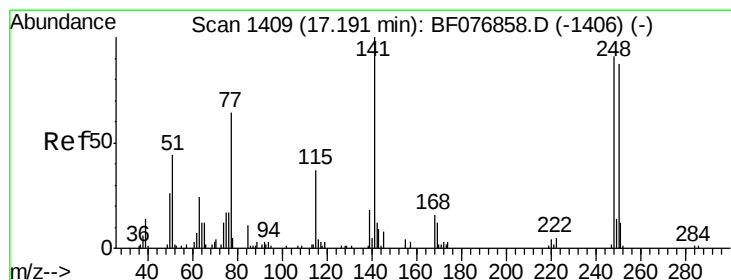
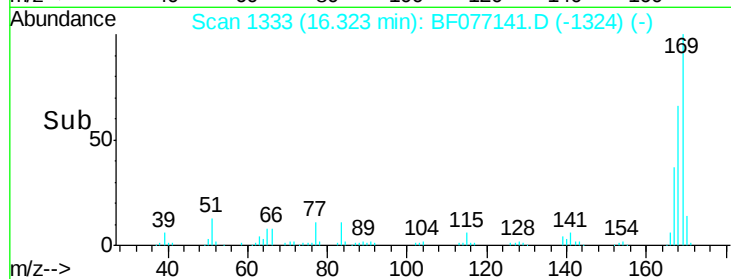
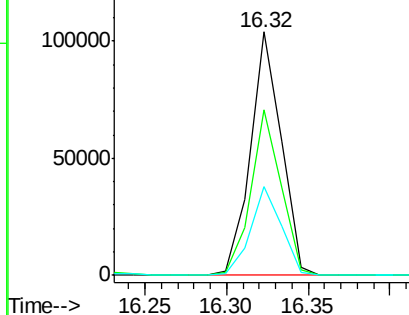
#65
 n-Nitrosodiphenylamine
 Concen: 30.24 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:169 Resp: 136036
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.8 80.6
 167 36.6 27.8 41.6

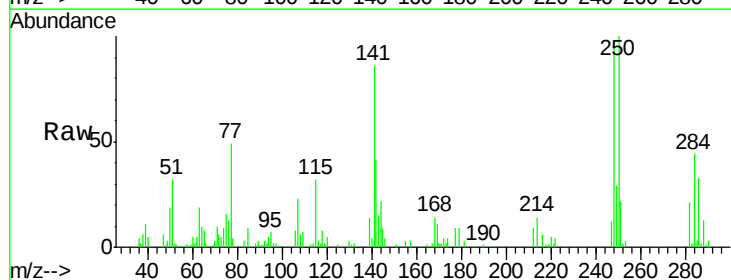


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

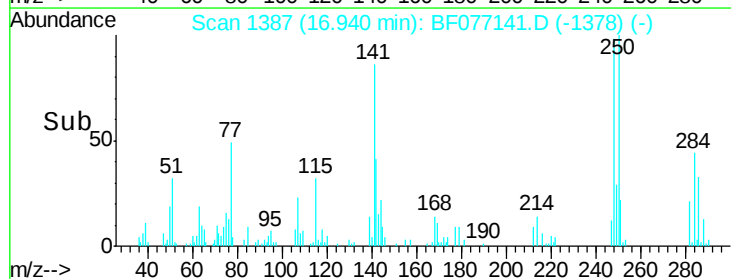
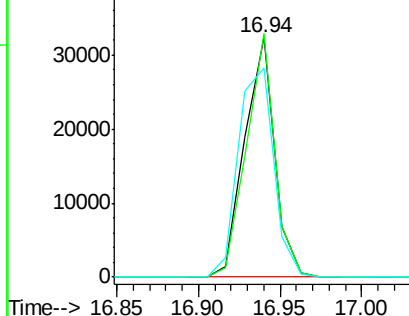


#66
 4-Bromophenyl-phenylether
 Concen: 32.31 ng
 RT: 16.94 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:248 Resp: 41289
 Ion Ratio Lower Upper
 248 100
 250 101.6 77.1 115.7
 141 87.4 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

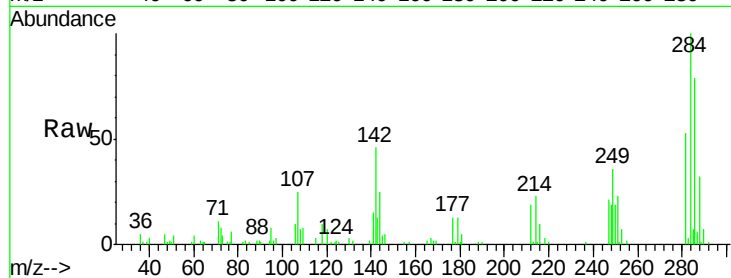




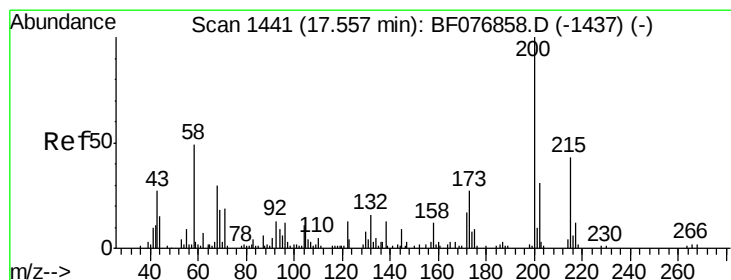
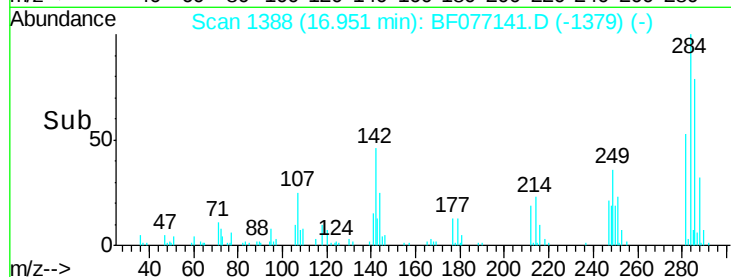
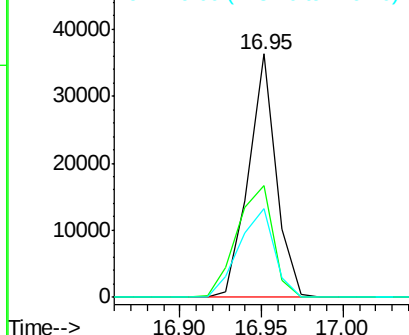
#67
Hexachlorobenzene
Concen: 31.61 ng
RT: 16.95 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion:284 Resp: 42572
Ion Ratio Lower Upper
284 100
142 45.7 38.2 57.4
249 36.2 28.2 42.2

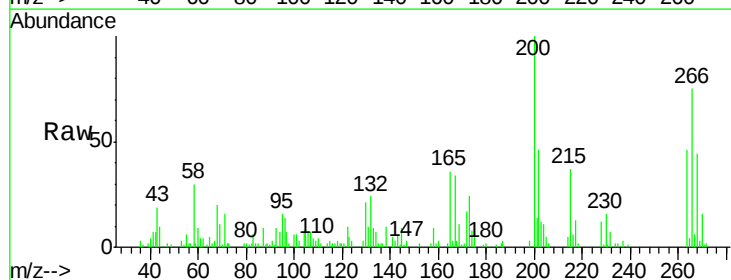


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

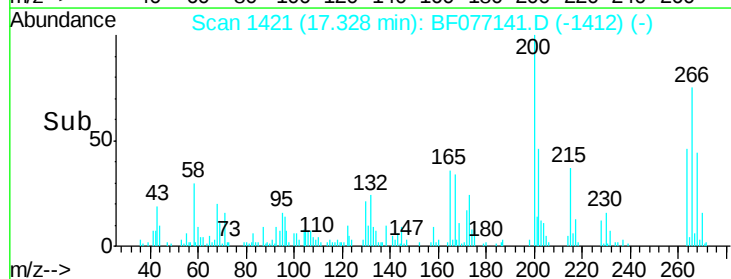
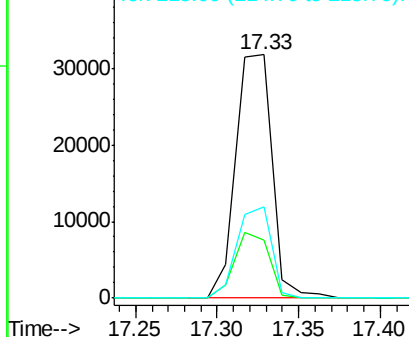


#68
Atrazine
Concen: 35.92 ng
RT: 17.33 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:200 Resp: 49028
Ion Ratio Lower Upper
200 100
173 23.9 6.6 46.6
215 37.3 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

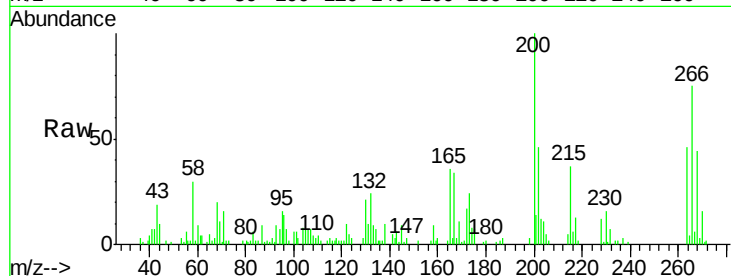




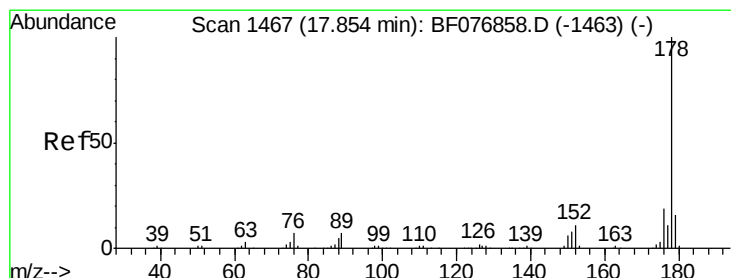
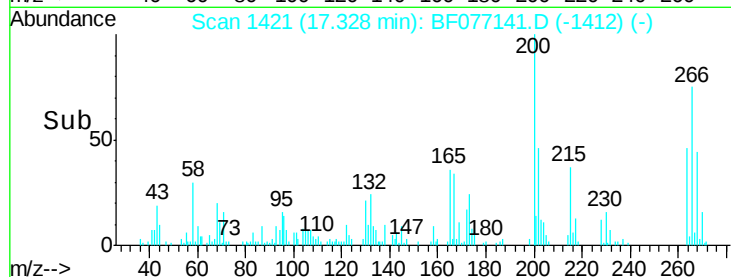
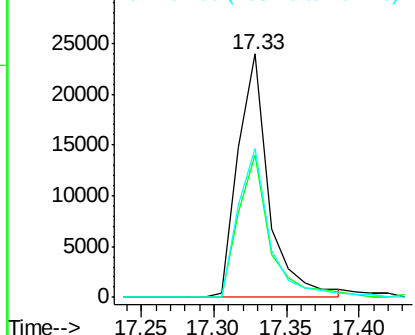
#69
 Pentachlorophenol
 Concen: 59.49 ng
 RT: 17.33 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Tgt Ion:266 Resp: 35552
 Ion Ratio Lower Upper
 266 100
 268 58.7 48.6 72.8
 264 61.0 49.5 74.3

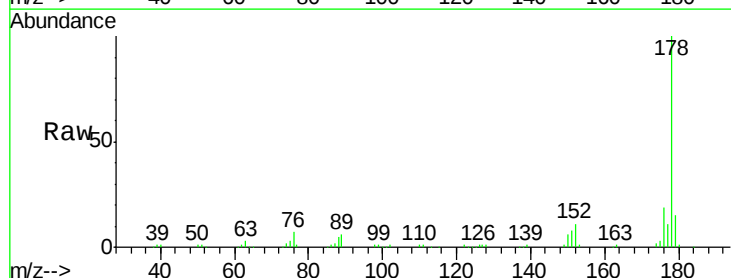


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

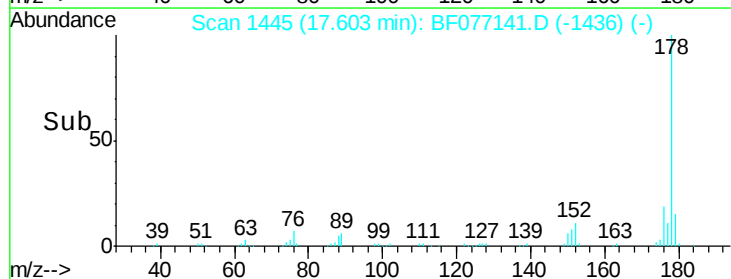
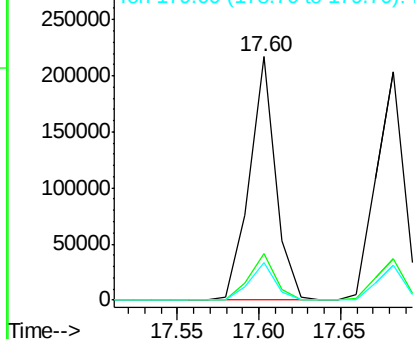


#70
 Phenanthrene
 Concen: 30.67 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion:178 Resp: 241278
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.2 12.7 19.1



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

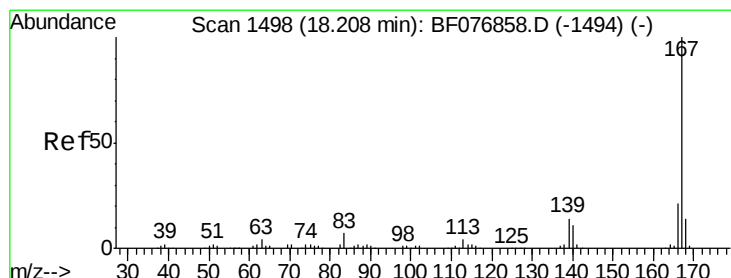
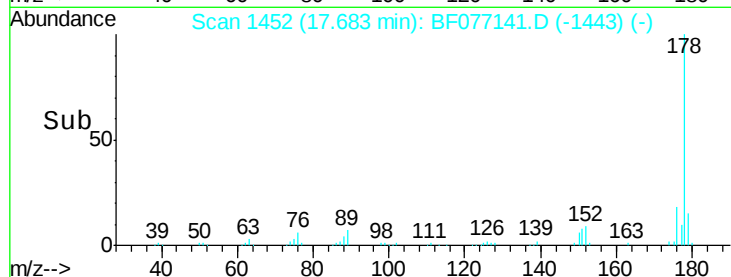
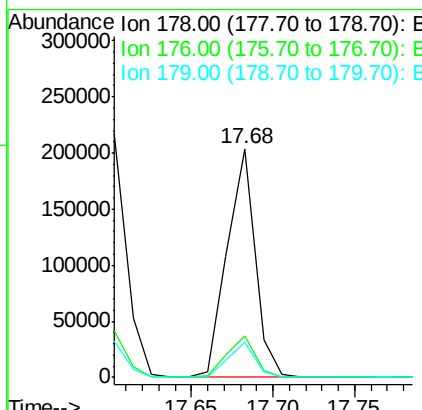
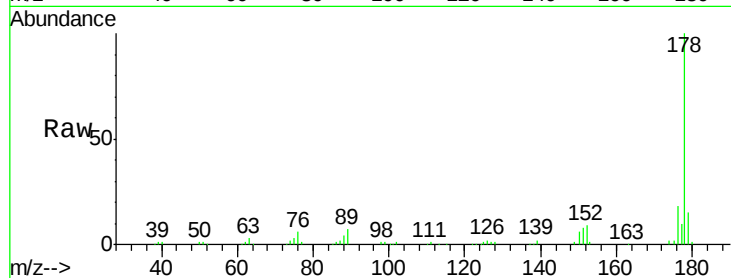




#71
 Anthracene
 Concen: 31.57 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

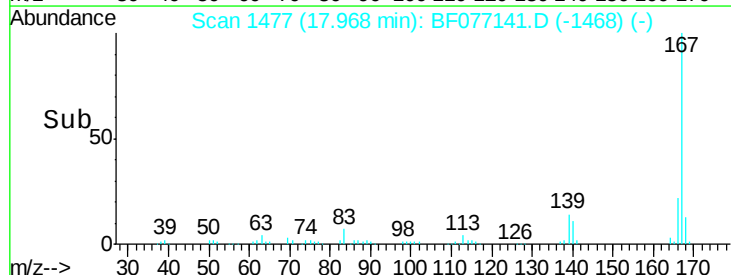
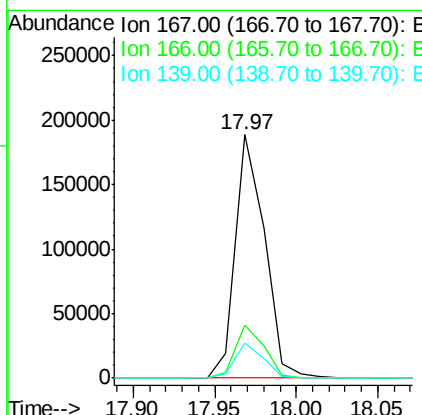
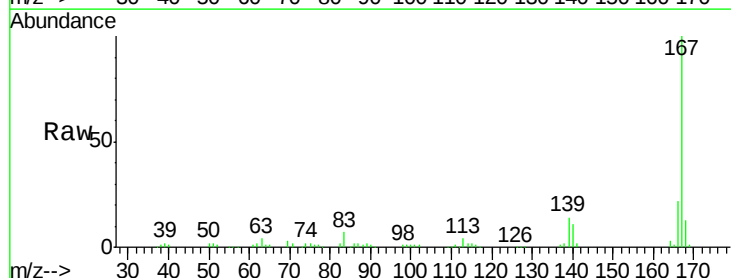
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

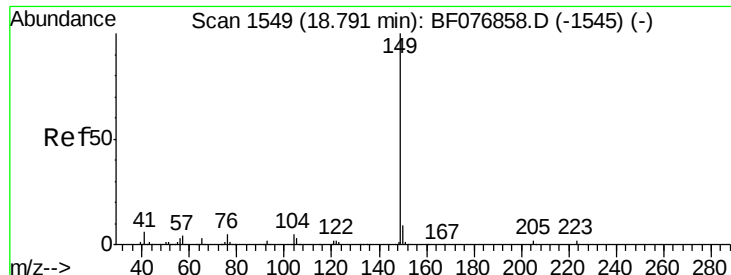
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.4	11.9	17.9



#72
 Carbazole
 Concen: 31.31 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	14.4	11.3	16.9





#73

Di-n-butylphthalate

Concen: 34.53 ng

RT: 18.57 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

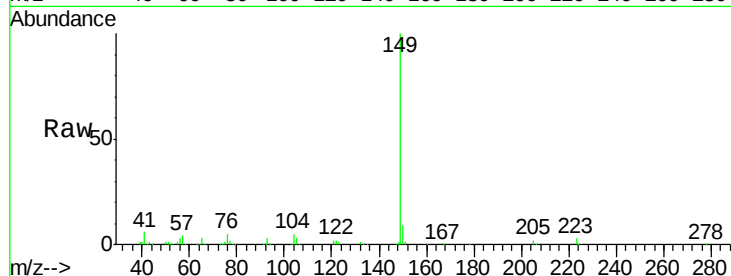
Tgt Ion:149 Resp: 297367

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

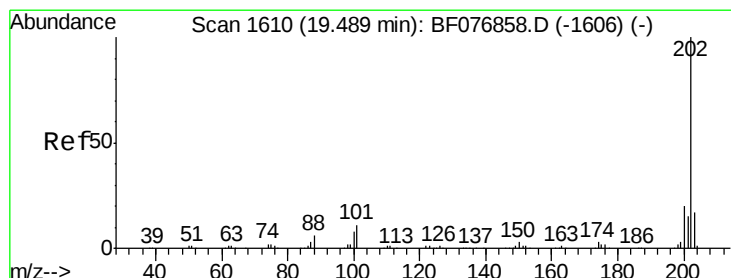
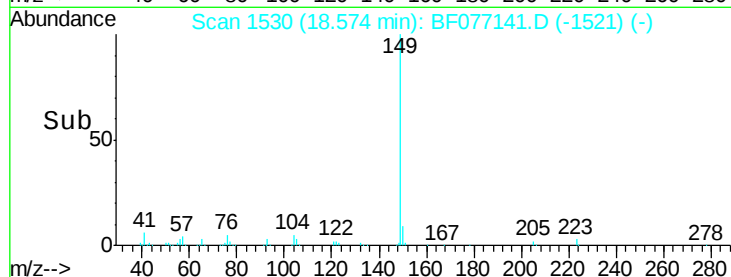
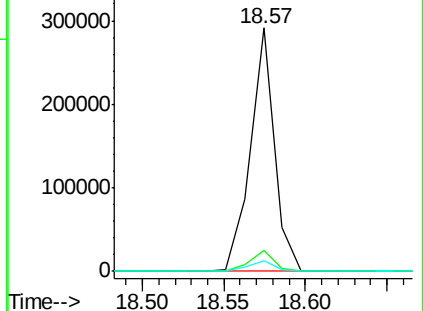
104 4.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.19 ng

RT: 19.26 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

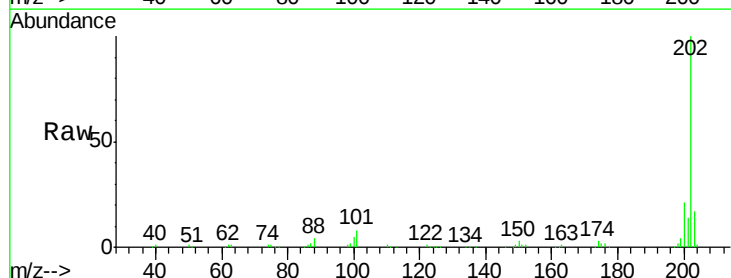
Tgt Ion:202 Resp: 251420

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.7

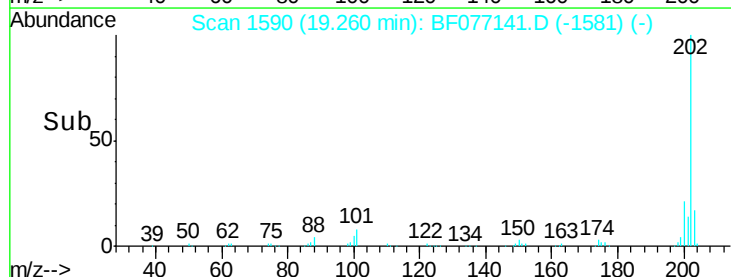
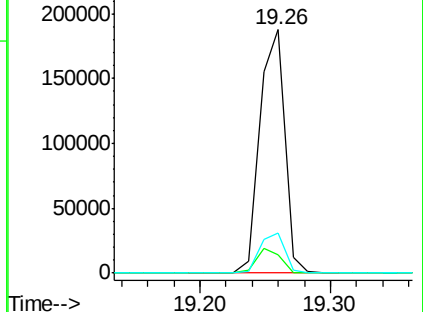
203 16.7 0.0 36.9

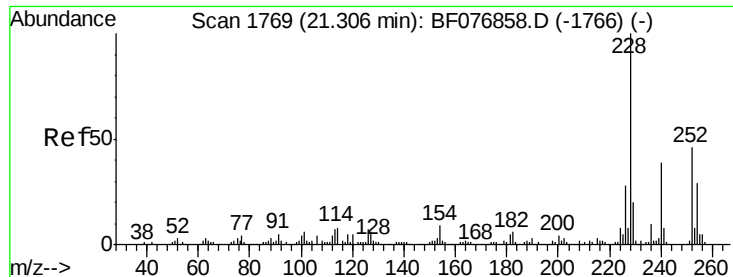


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

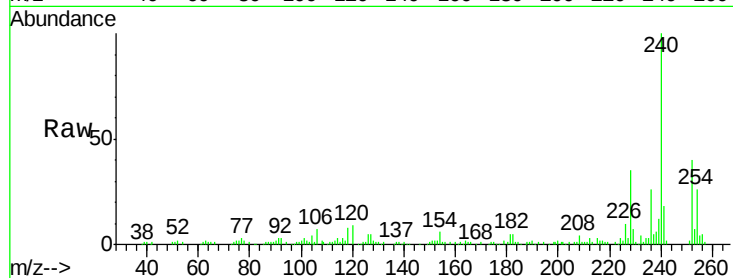
Tgt Ion:240 Resp: 126554

Ion Ratio Lower Upper

240 100

120 9.3 10.4 15.6#

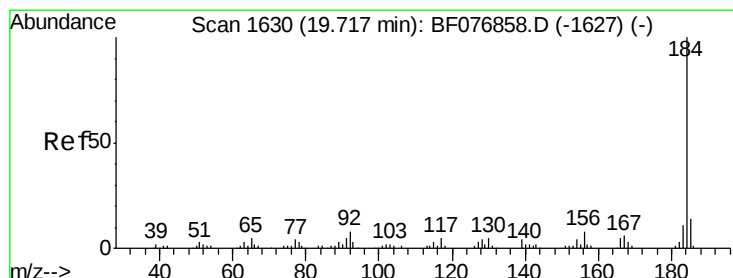
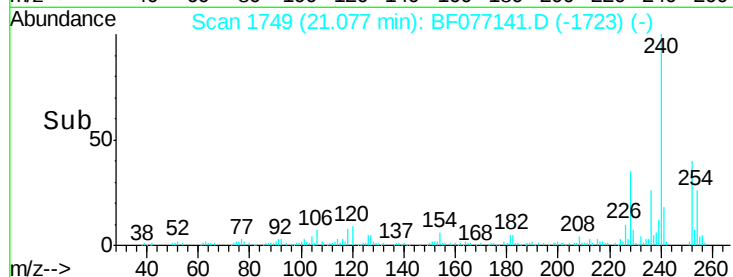
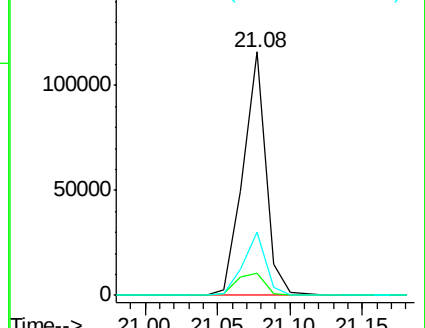
236 25.8 20.2 30.2



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: 24.36 ng

RT: 19.50 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

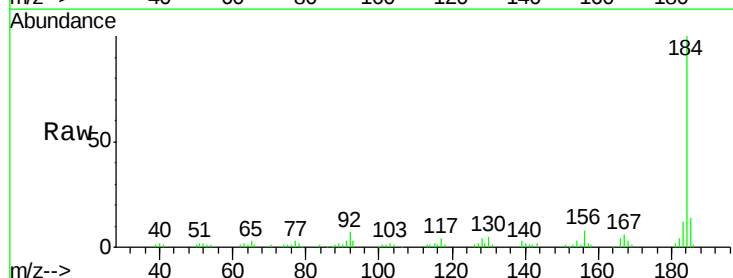
Tgt Ion:184 Resp: 98660

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

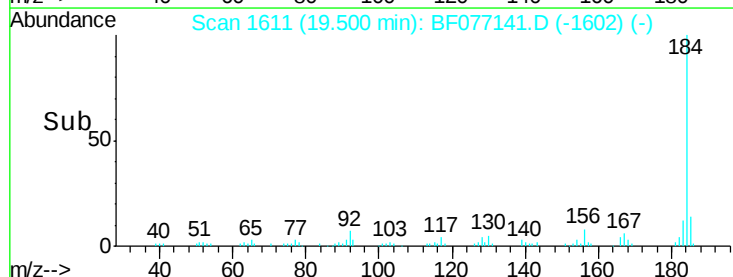
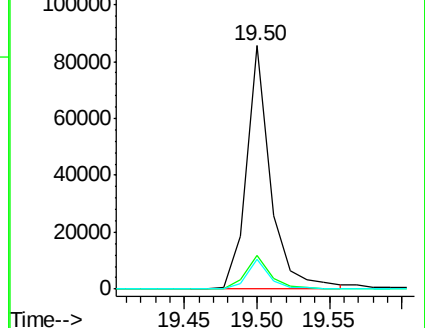
183 12.3 9.0 13.6

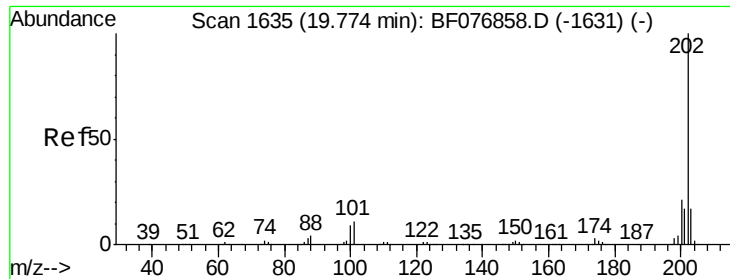


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

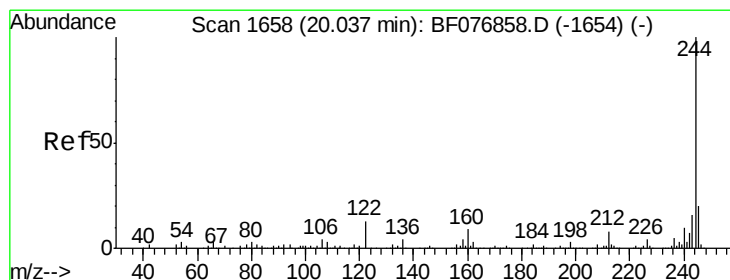
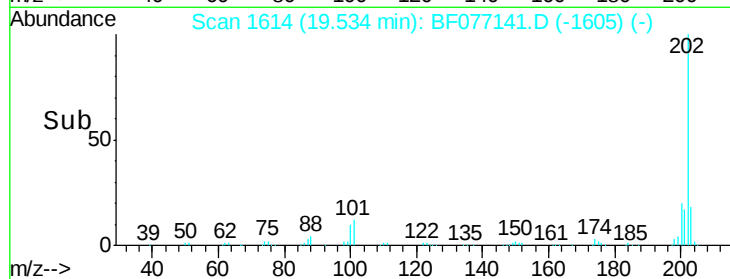
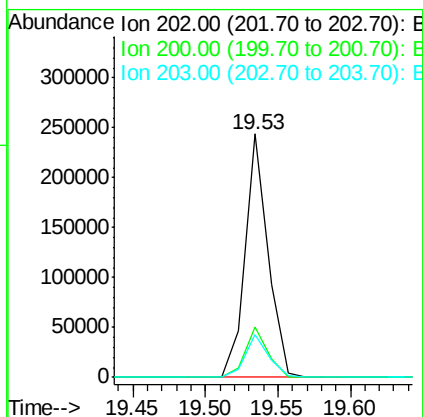
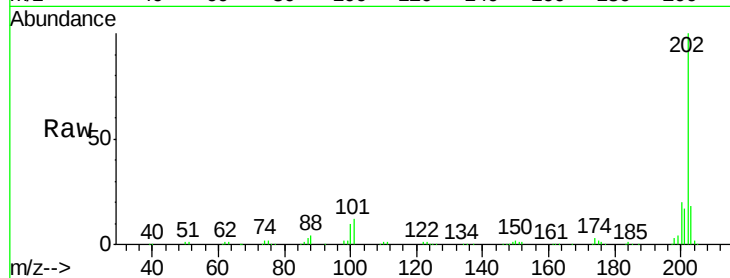




#77
 Pyrene
 Concen: 30.76 ng
 RT: 19.53 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

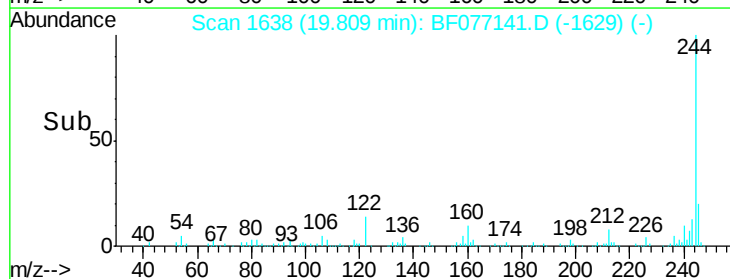
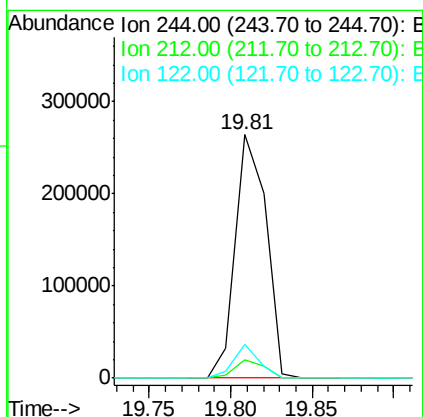
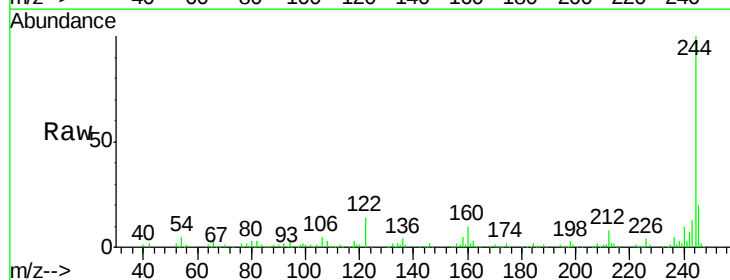
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

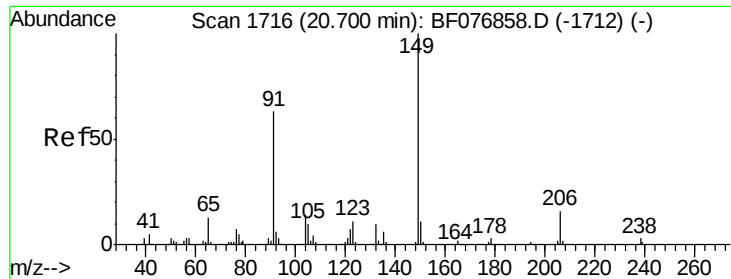
Tgt Ion: 202 Resp: 266782
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.7 25.1
 203 17.7 14.0 21.0



#78
 Terphenyl-d14
 Concen: 62.71 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion: 244 Resp: 344733
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 14.0 10.1 15.1

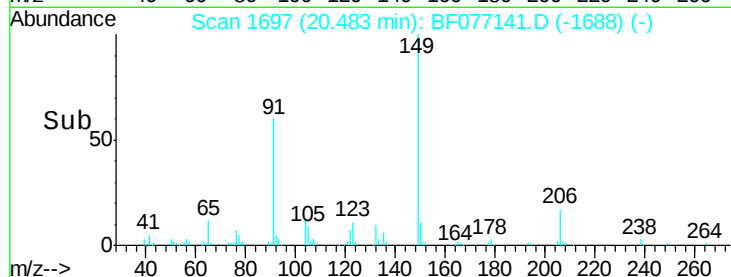
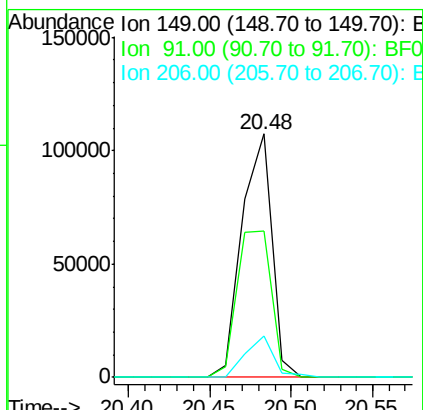
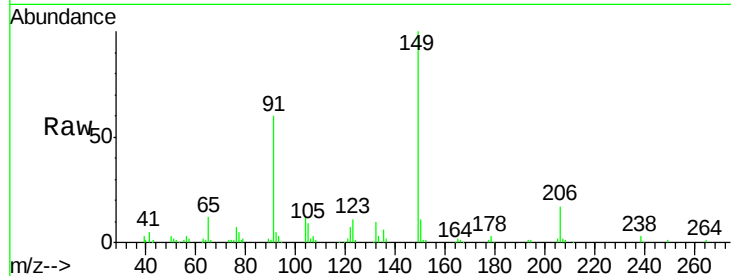




#79
Butylbenzylphthalate
Concen: 34.69 ng
RT: 20.48 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

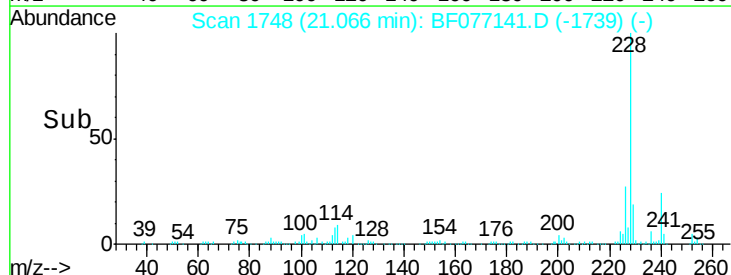
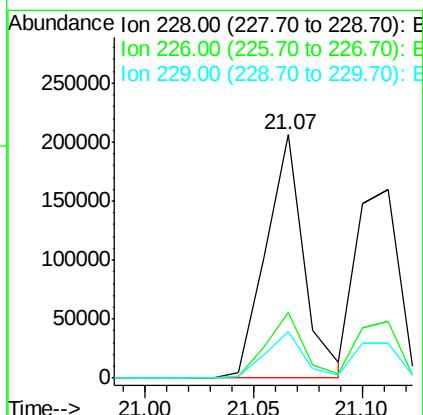
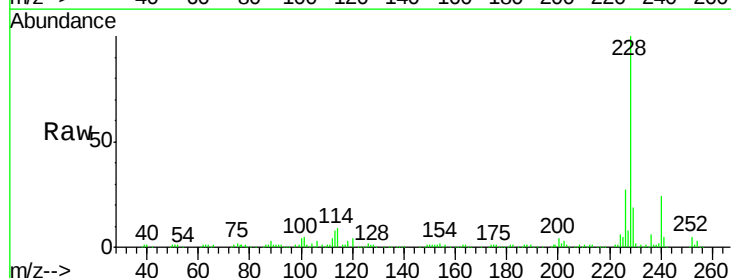
Instrument :
BNA_F
ClientSampleId :
PB81546BS

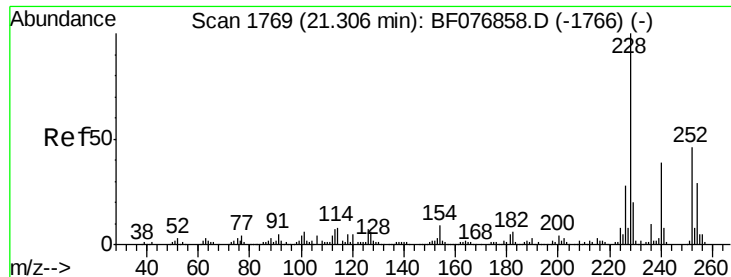
Tgt Ion:149 Resp: 136278
Ion Ratio Lower Upper
149 100
91 59.9 50.6 76.0
206 16.8 12.8 19.2



#80
Benzo(a)anthracene
Concen: 31.75 ng
RT: 21.07 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion:228 Resp: 252105
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.3 15.5 23.3

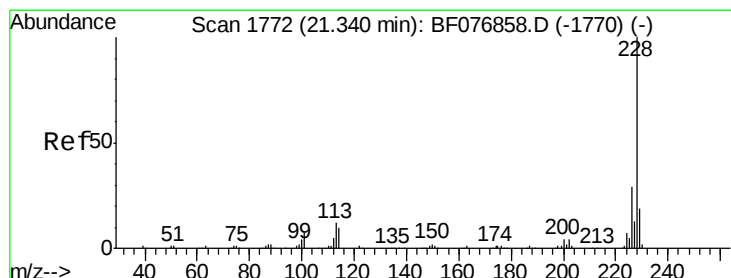
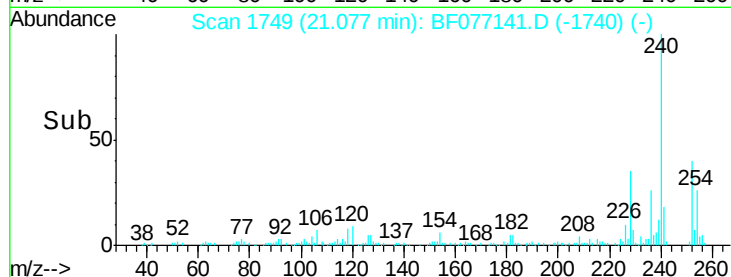
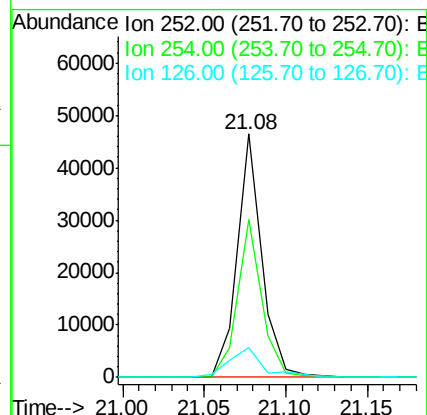
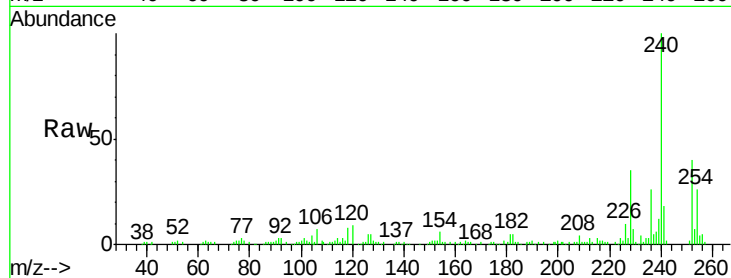




#81
 3,3'-Dichlorobenzidine
 Concen: 19.17 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

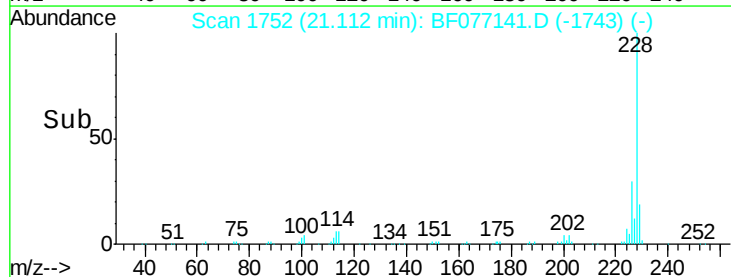
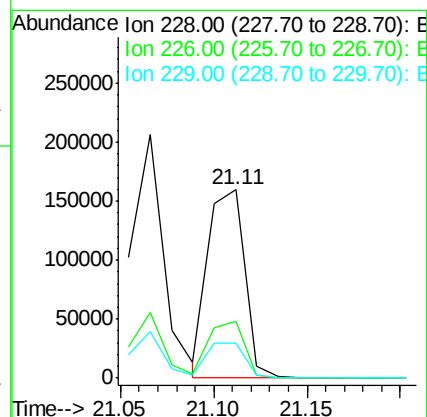
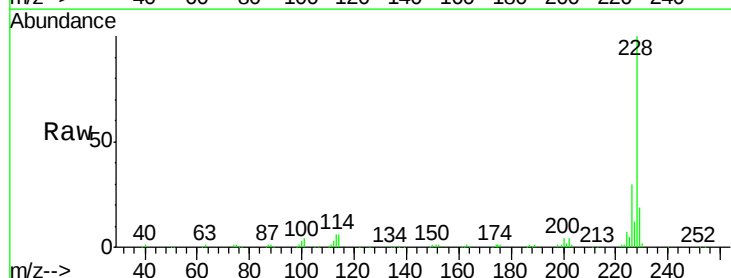
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

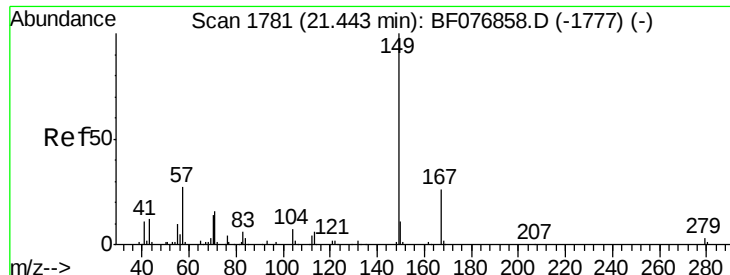
Tgt Ion: 252 Resp: 48381
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.2 75.4
 126 12.2 11.5 17.3



#82
 Chrysene
 Concen: 30.24 ng
 RT: 21.11 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion: 228 Resp: 218995
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.4 35.0
 229 18.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.75 ng

RT: 21.23 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Instrument :

BNA_F

ClientSampleId :

PB81546BS

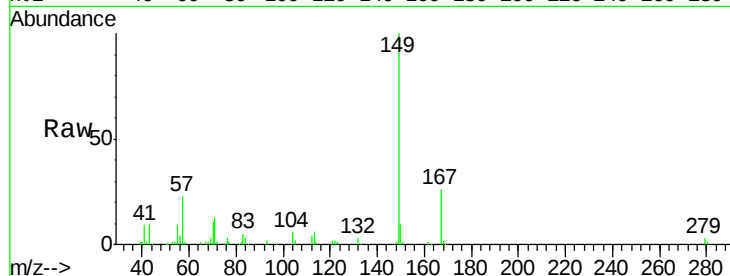
Tgt Ion:149 Resp: 194295

Ion Ratio Lower Upper

149 100

167 26.1 20.6 30.8

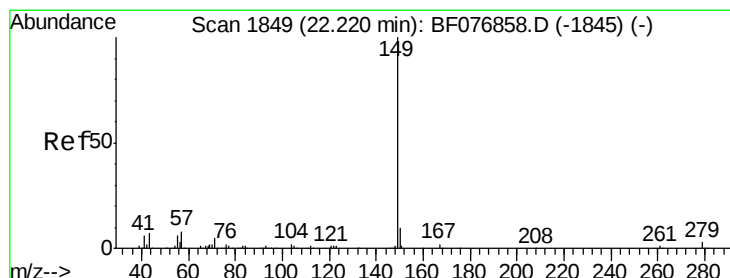
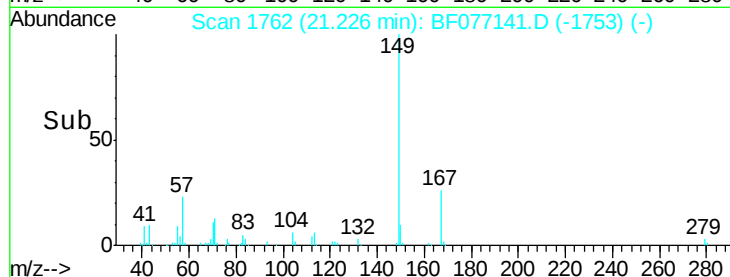
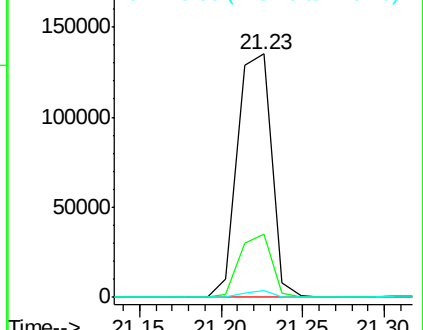
279 3.0 2.2 3.2



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: 36.19 ng

RT: 21.98 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

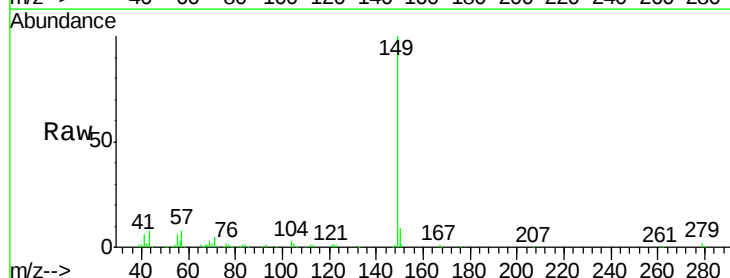
Tgt Ion:149 Resp: 341388

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

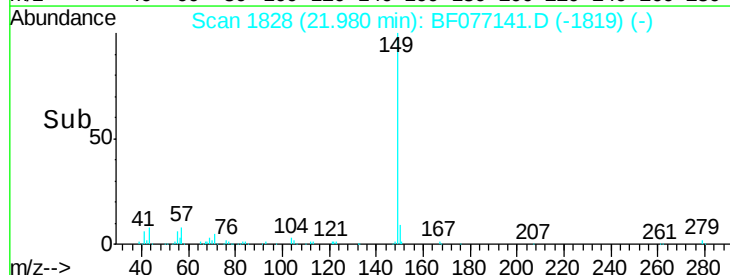
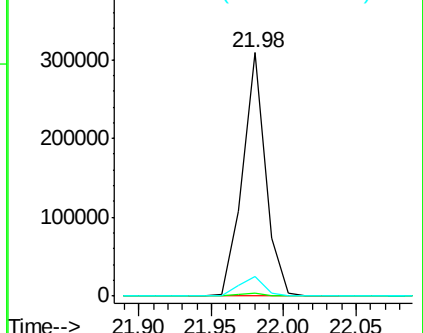
43 8.9 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

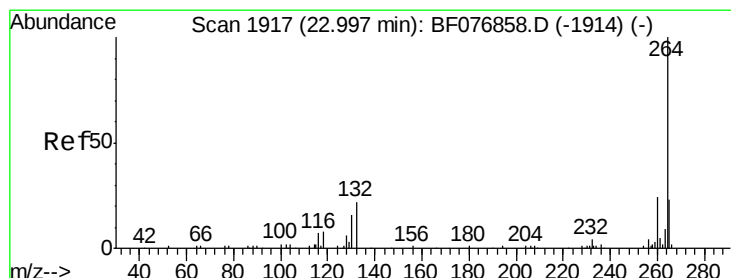
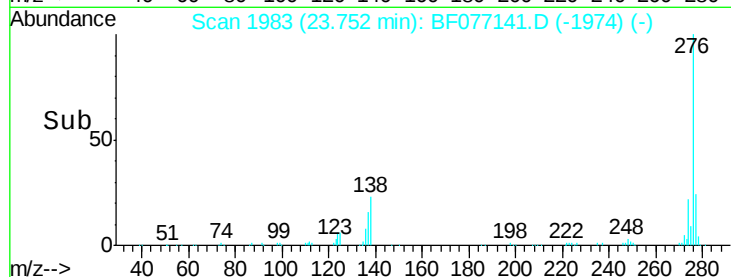
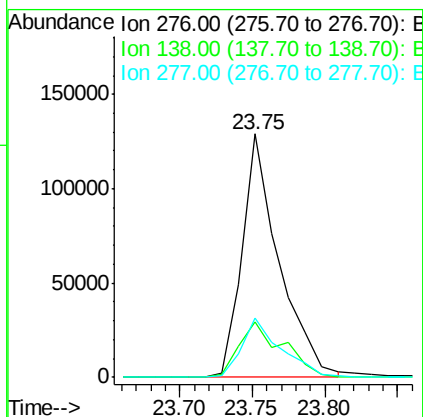
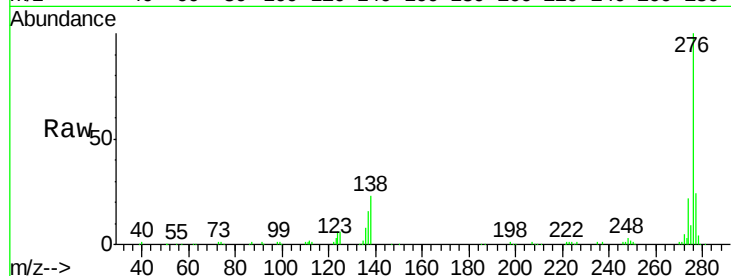




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.70 ng
 RT: 23.75 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

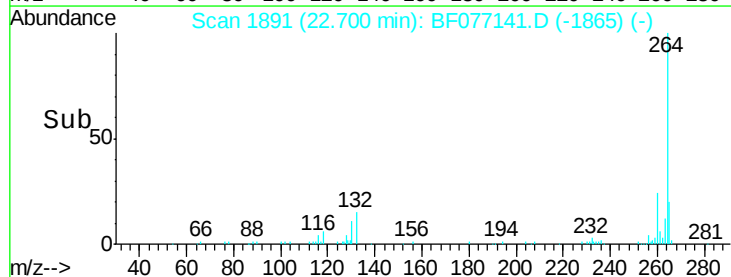
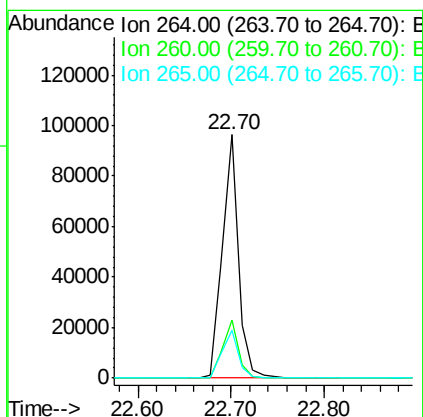
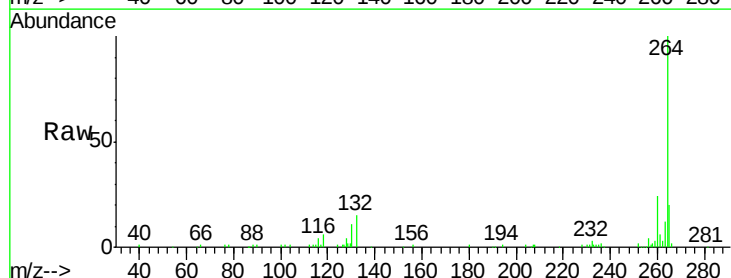
Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

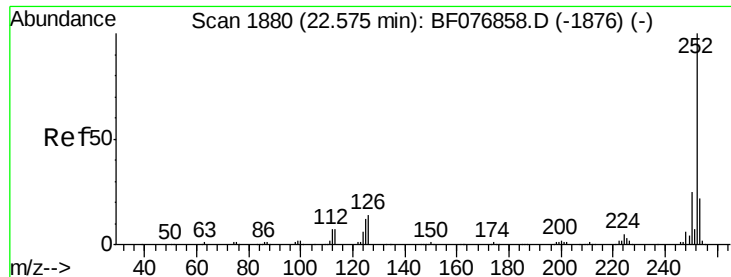
Tgt Ion: 276 Resp: 227953
 Ion Ratio Lower Upper
 276 100
 138 27.6 14.6 22.0#
 277 25.8 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.70 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF077141.D
 Acq: 30 Jan 2015 4:19

Tgt Ion: 264 Resp: 115258
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 19.8 18.1 27.1

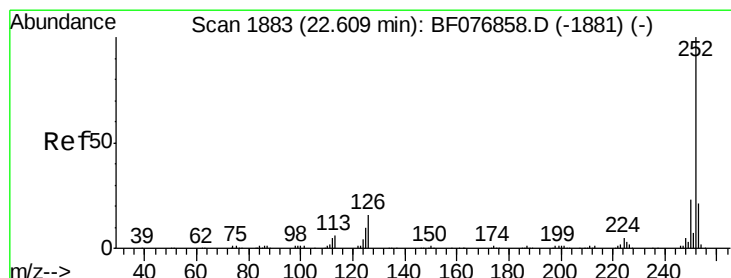
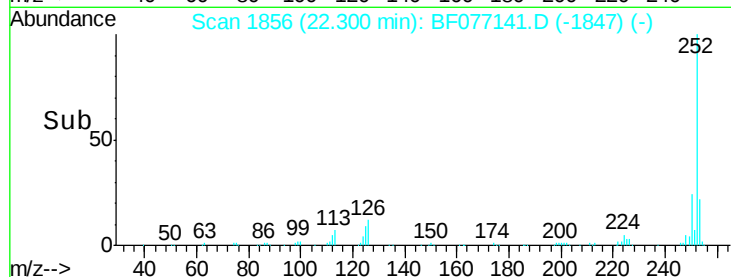
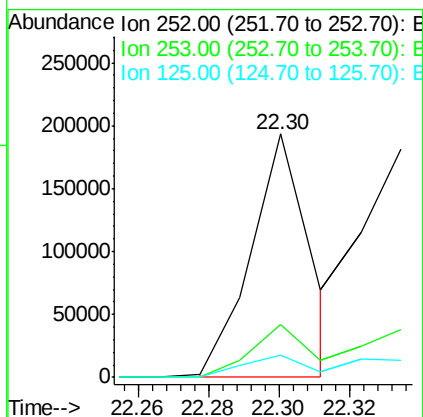
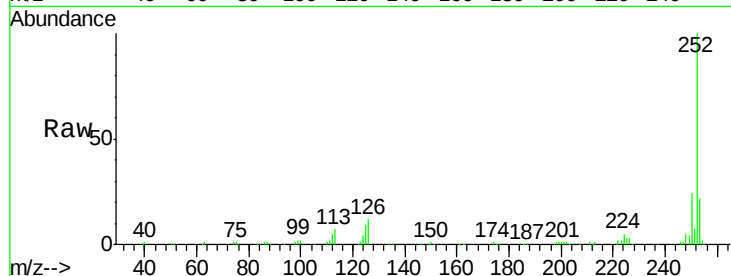




#87
Benzo(b)fluoranthene
Concen: 28.72 ng m
RT: 22.30 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

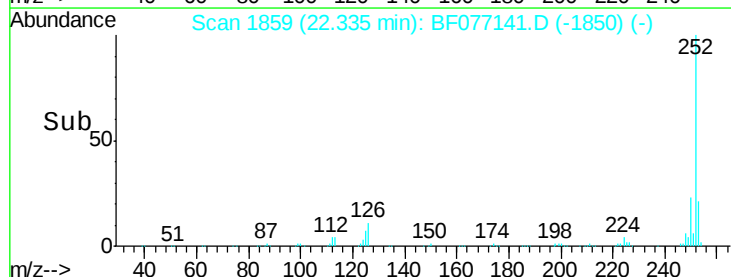
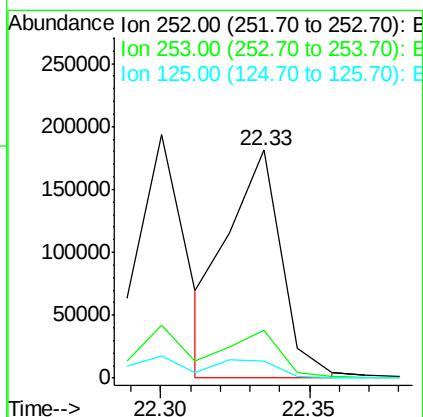
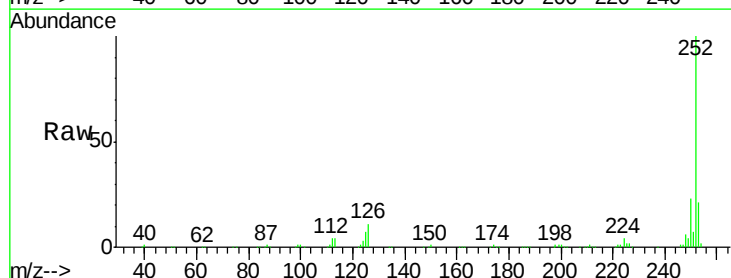
Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion: 252 Resp: 222923
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.2 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 32.85 ng m
RT: 22.33 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Tgt Ion: 252 Resp: 222780
Ion Ratio Lower Upper
252 100
253 20.8 17.2 25.8
125 7.5 7.1 10.7





#89

Benzo(a)pyrene

Concen: 32.15 ng

RT: 22.64 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

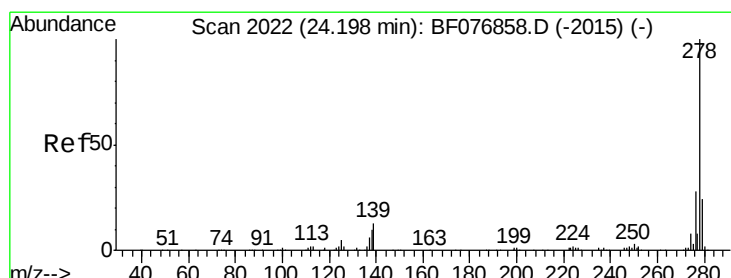
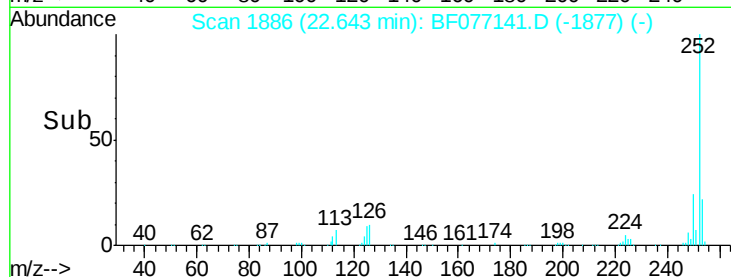
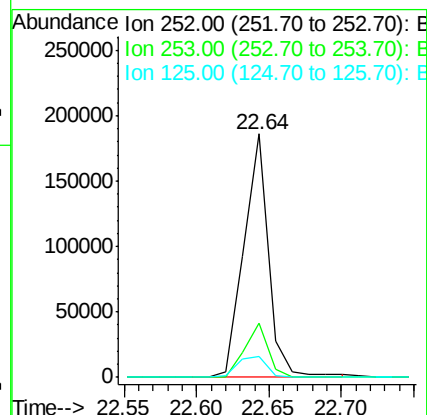
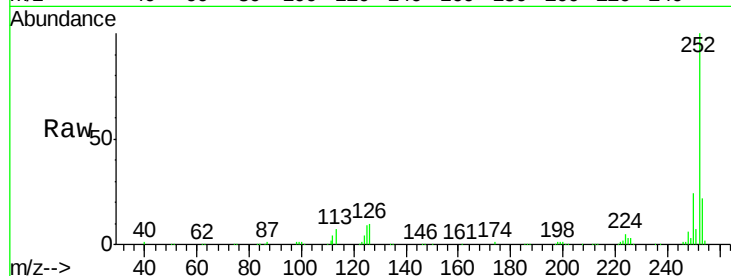
Instrument :

BNA_F

ClientSampleId :

PB81546BS

Tgt Ion:	252	Resp:	220137
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.8	7.2	10.8



#90

Dibenzo(a,h)anthracene

Concen: 30.97 ng

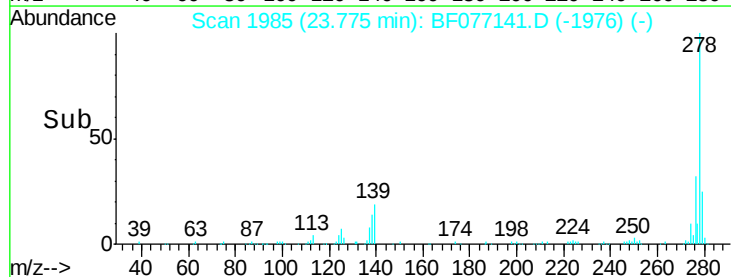
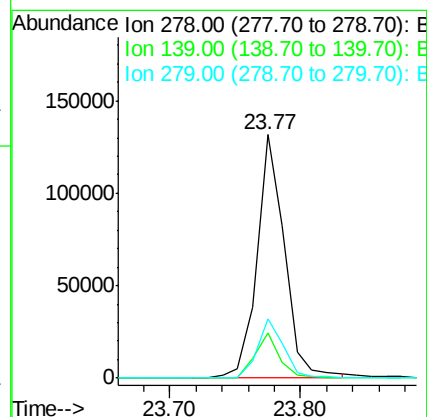
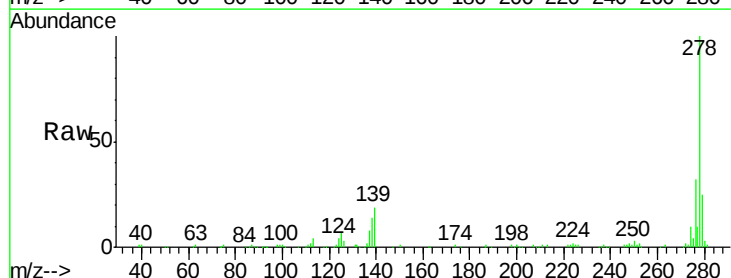
RT: 23.77 min Scan# 1985

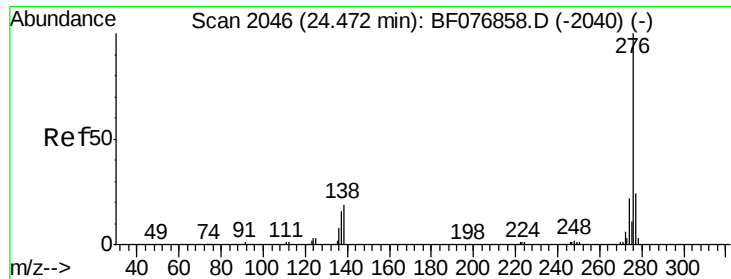
Delta R.T. 0.00 min

Lab File: BF077141.D

Acq: 30 Jan 2015 4:19

Tgt Ion:	278	Resp:	194588
Ion	Ratio	Lower	Upper
278	100		
139	18.6	10.5	15.7#
279	24.6	19.3	28.9

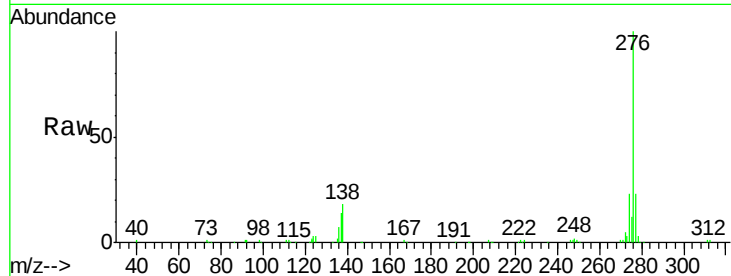




#91
Benzo(g,h,i)perylene
Concen: 30.47 ng
RT: 24.03 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF077141.D
Acq: 30 Jan 2015 4:19

Instrument :
BNA_F
ClientSampleId :
PB81546BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.5	29.3
138	17.7	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

