

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077135.D
 Acq On : 29 Jan 2015 21:39
 Operator : TP/IZ
 Sample : G1178-04MS
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:58:56 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 01:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29636	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	121990	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65694	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	108250	20.00	ng	0.00
75) Chrysene-d12	21.08	240	115327	20.00	ng	0.00
86) Perylene-d12	22.72	264	98084	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.72	112	186981	103.73	ng	0.01
7) Phenol-d6	7.10	99	219871	96.69	ng	0.00
23) Nitrobenzene-d5	9.00	82	154244	70.05	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	61724	115.75	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	316011	73.20	ng	0.00
78) Terphenyl-d14	19.81	244	335995	67.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.14	88	17858	23.14	ng	97
3) Pyridine	1.59	79	43623	21.84	ng	90
4) n-Nitrosodimethylamine	1.53	42	32740	33.09	ng	100
6) Aniline	6.98	93	18769	5.96	ng	# 85
8) 2-Chlorophenol	7.21	128	70351	33.86	ng	95
9) Benzaldehyde	6.70	77	7005	4.17	ng	91
10) Phenol	7.13	94	76046	31.49	ng	94
11) bis(2-Chloroethyl)ether	7.24	93	67299	35.62	ng	# 76
12) 1,3-Dichlorobenzene	7.53	146	77401	32.74	ng	97
13) 1,4-Dichlorobenzene	7.73	146	77528	30.93	ng	99
14) 1,2-Dichlorobenzene	8.04	146	76882	33.28	ng	97
15) Benzyl Alcohol	8.13	79	63307	34.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	81384	32.05	ng	82
17) 2-Methylphenol	8.49	107	57728	33.99	ng	98
18) Hexachloroethane	8.78	117	29290	33.59	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	52384	32.91	ng	97
20) 3+4-Methylphenols	8.88	107	64729	28.79	ng	98
22) Acetophenone	8.68	105	107420	35.95	ng	98
24) Nitrobenzene	9.03	77	76224	33.98	ng	99
25) Isophorone	9.64	82	140397	35.01	ng	97
26) 2-Nitrophenol	9.77	139	37310	33.05	ng	# 85
27) 2,4-Dimethylphenol	10.07	122	63392	36.55	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	83823	36.78	ng	98
29) 2,4-Dichlorophenol	10.39	162	55051	34.05	ng	97
30) 1,2,4-Trichlorobenzene	10.50	180	62807	34.98	ng	99
31) Naphthalene	10.64	128	224515	35.75	ng	99
32) Benzoic acid	10.46	122	34771	36.18	ng	95
33) 4-Chloroaniline	10.92	127	10370	4.09	ng	97
34) Hexachlorobutadiene	11.01	225	35440	33.26	ng	94
35) Caprolactam	11.74	113	12225	25.68	ng	94
36) 4-Chloro-3-methylphenol	12.21	107	66647	36.00	ng	98
37) 2-Methylnaphthalene	12.30	142	151246	35.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	57803	35.59	ng	98
40) Hexachlorocyclopentadiene	12.69	237	57117	66.17	ng	91

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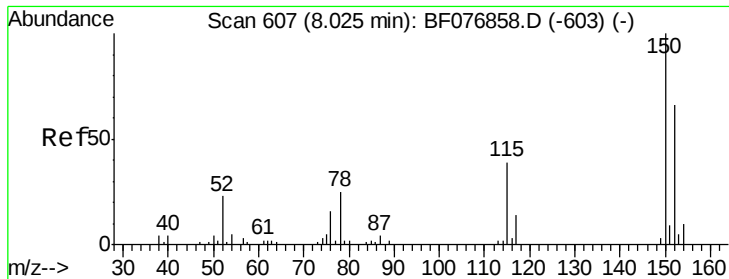
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:58:56 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 01:31:55 2015
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	13.05	196	42327	35.77	nq	97
43) 2,4,5-Trichlorophenol	13.15	196	43277	35.86	nq	# 95
45) 1,1'-Biphenyl	13.45	154	176546	36.25	nq	99
46) 2-Chloronaphthalene	13.42	162	141731	35.36	nq	100
47) 2-Nitroaniline	13.77	65	44387	36.51	nq	# 83
48) Acenaphthylene	14.37	152	231555	34.25	nq	99
49) Dimethylphthalate	14.33	163	175809	37.74	nq	100
50) 2,6-Dinitrotoluene	14.43	165	36483	39.19	nq	97
51) Acenaphthene	14.79	154	131075	34.17	nq	97
52) 3-Nitroaniline	14.78	138	7031	7.38	nq	97
53) 2,4-Dinitrophenol	15.05	184	32583	75.39	nq	95
54) Dibenzofuran	15.21	168	200804	35.94	nq	98
55) 4-Nitrophenol	15.39	139	45156	61.83	nq	92
56) 2,4-Dinitrotoluene	15.35	165	49672	36.14	nq	91
57) Fluorene	15.98	166	166777	35.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	34561	39.33	nq	# 95
59) Diethylphthalate	15.98	149	174762	37.12	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	71343	36.84	nq	95
61) 4-Nitroaniline	16.13	138	27200	23.92	nq	94
62) Azobenzene	16.37	77	178332	36.35	nq	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	23946	35.36	nq	89
65) n-Nitrosodiphenylamine	16.32	169	137161	35.54	nq	98
66) 4-Bromophenyl-phenylether	16.94	248	39801	36.29	nq	91
67) Hexachlorobenzene	16.95	284	43861	37.95	nq	98
68) Atrazine	17.33	200	43814	37.41	nq	96
69) Pentachlorophenol	17.33	266	42629	80.38	nq	97
70) Phenanthrene	17.60	178	247606	36.68	nq	99
71) Anthracene	17.68	178	247128	37.54	nq	100
72) Carbazole	17.97	167	230221	36.06	nq	99
73) Di-n-butylphthalate	18.57	149	286303	38.74	nq	100
74) Fluoranthene	19.26	202	258058	37.31	nq	96
76) Benzidine	19.50	184	12257	3.32	nq	# 96
77) Pyrene	19.53	202	263439	33.33	nq	99
79) Butylbenzylphthalate	20.48	149	128851	36.00	nq	98
80) Benzo(a)anthracene	21.07	228	248788	34.38	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	32994	14.35	nq	95
82) Chrysene	21.11	228	228653	34.65	nq	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	172262	34.78	nq	98
84) Di-n-octyl phthalate	21.99	149	303865	35.35	nq	99
85) Indeno(1,2,3-cd)pyrene	23.84	276	204107	29.19	nq	# 89
87) Benzo(b)fluoranthene	22.31	252	269479	40.79	nq	99
88) Benzo(k)fluoranthene	22.31	252	269532	46.70	nq	98
89) Benzo(a)pyrene	22.67	252	218869	37.56	nq	98
90) Dibenzo(a,h)anthracene	23.87	278	196236	36.70	nq	# 96
91) Benzo(g,h,i)perylene	24.11	276	198286	37.30	nq	# 93

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

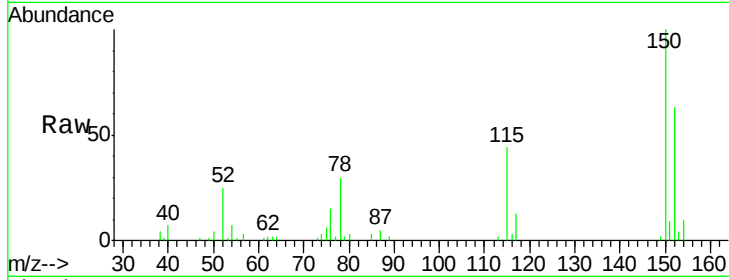


#1

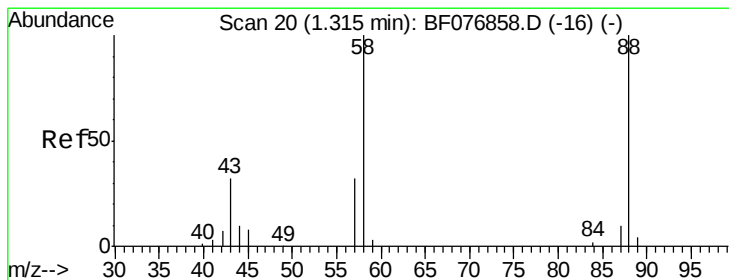
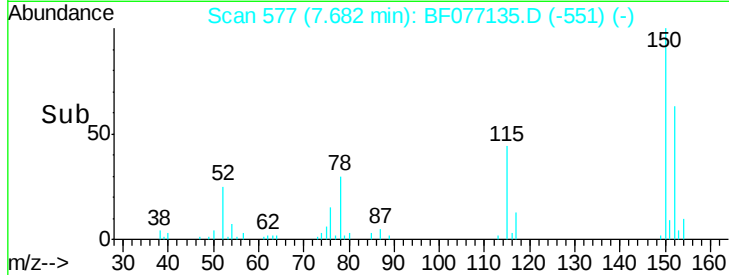
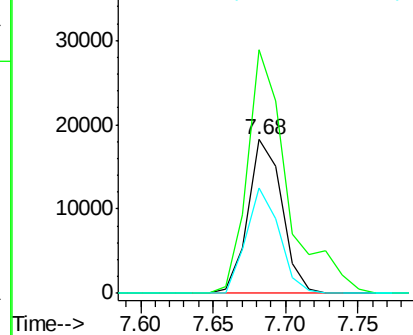
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29636
Ion Ratio Lower Upper
152 100
150 158.2 121.7 182.5
115 68.8 47.0 70.6



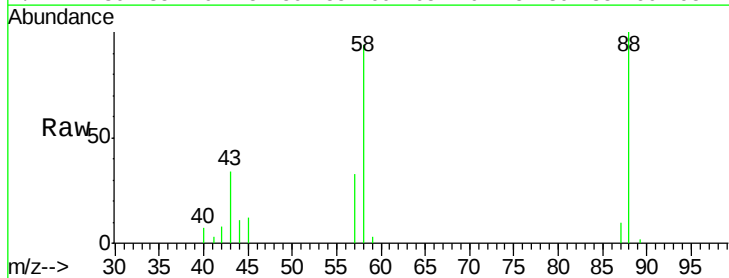
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



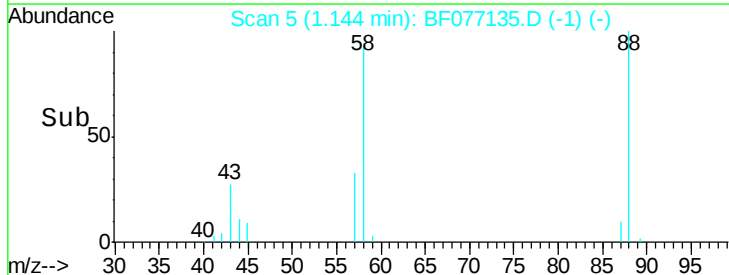
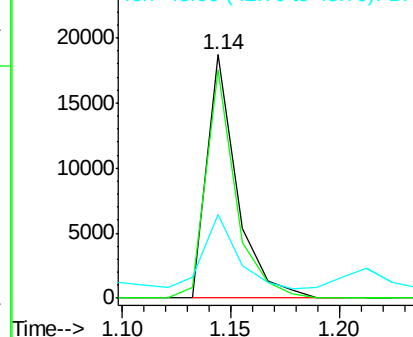
#2

1,4-Dioxane
Concen: 23.14 ng
RT: 1.14 min Scan# 5
Delta R.T. 0.02 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion: 88 Resp: 17858
Ion Ratio Lower Upper
88 100
58 92.7 77.0 115.4
43 33.5 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.84 ng

RT: 1.59 min Scan# 44

Delta R.T. 0.02 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

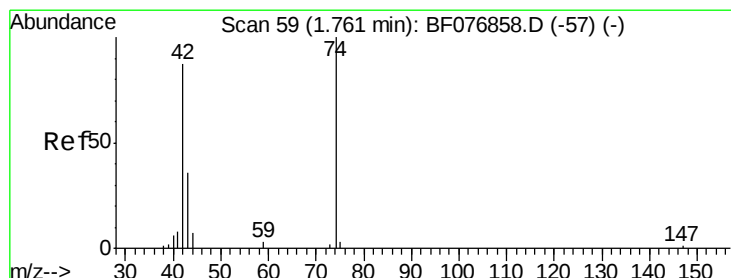
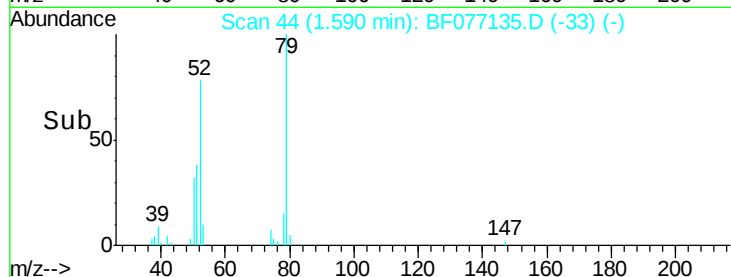
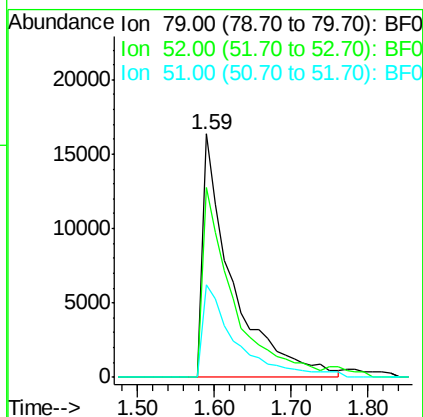
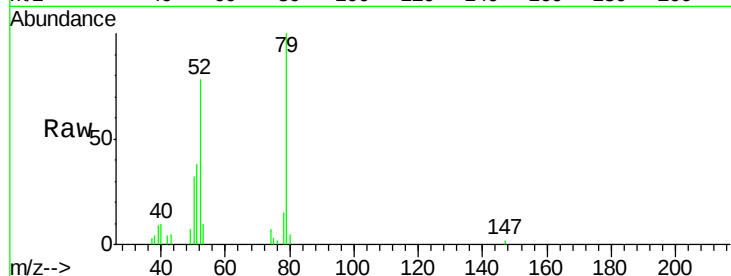
Tot Ion: 79 Resp: 43623

Ion Ratio Lower Upper

79 100

52 78.1 70.1 105.1

51 37.8 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 33.09 ng

RT: 1.53 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

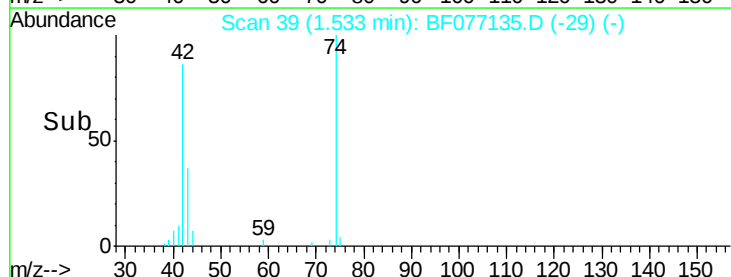
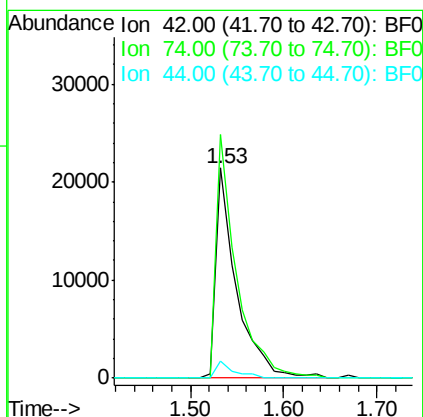
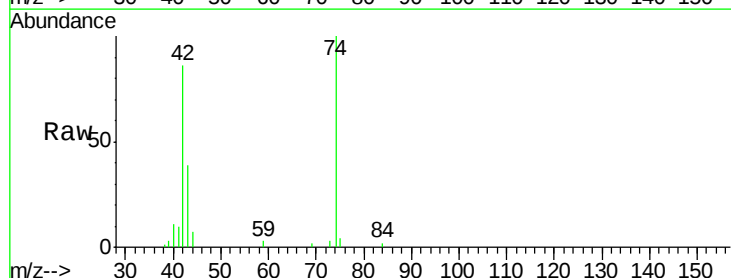
Tgt Ion: 42 Resp: 32740

Ion Ratio Lower Upper

42 100

74 115.8 92.4 138.6

44 8.1 6.2 9.2





#5

2-Fluorophenol

Concen: 103.73 ng

RT: 4.72 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF077135.D

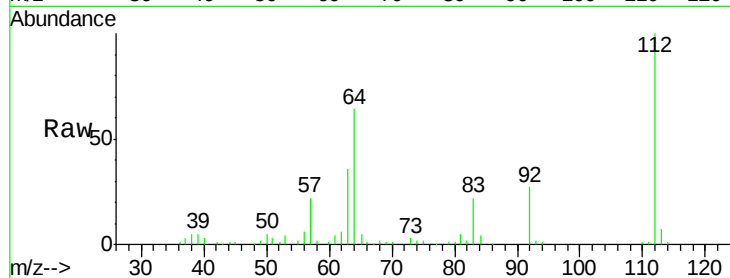
Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampled :

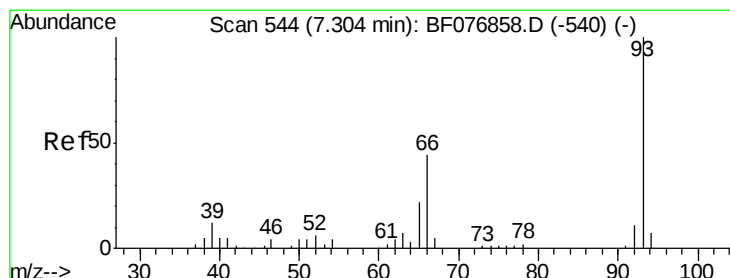
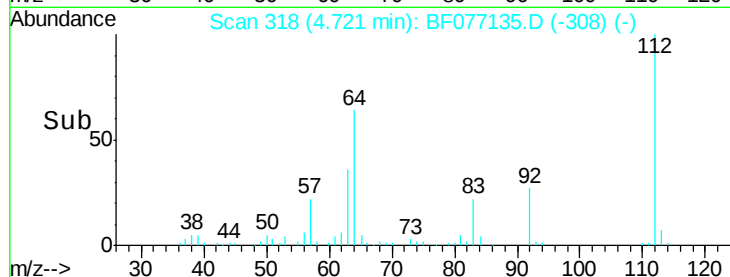
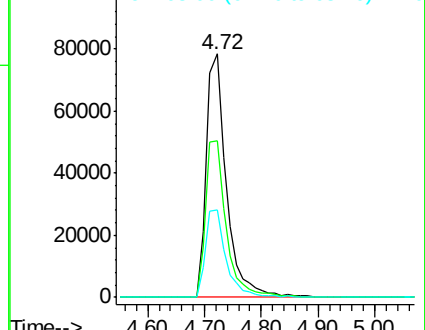
Tot Ion:	112	Resp:	186981
Ion	Ratio	Lower	Upper
112	100		
64	64.2	54.2	81.4
63	36.0	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.96 ng

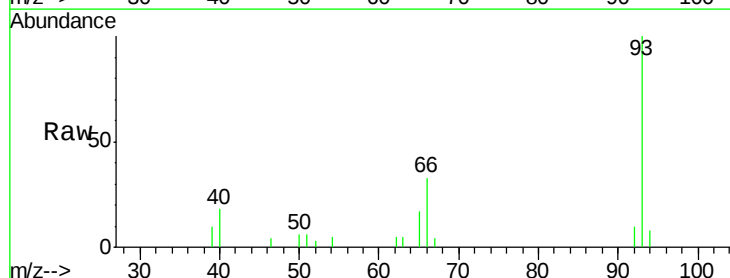
RT: 6.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

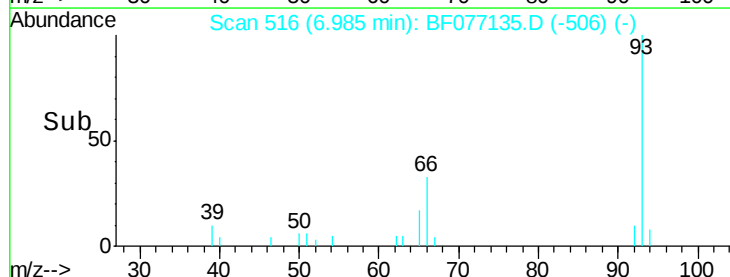
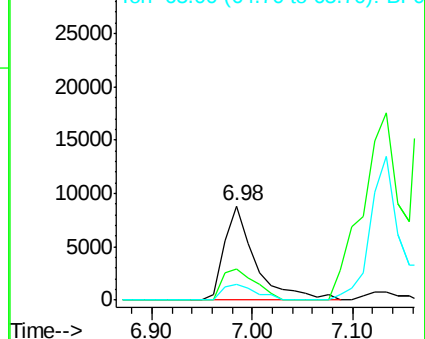
Tgt Ion:	93	Resp:	18769
Ion	Ratio	Lower	Upper
93	100		
66	32.7	35.0	52.4#
65	16.8	17.7	26.5#



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: 96.69 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

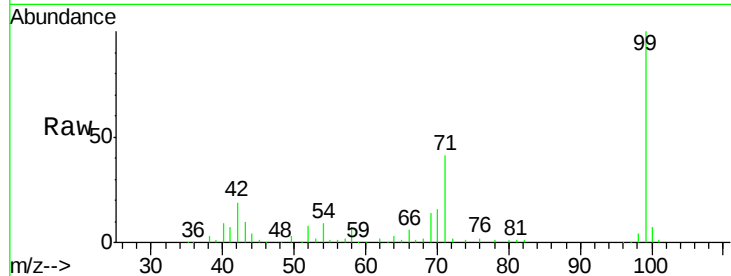
Tot Ion: 99 Resp: 219871

Ion Ratio Lower Upper

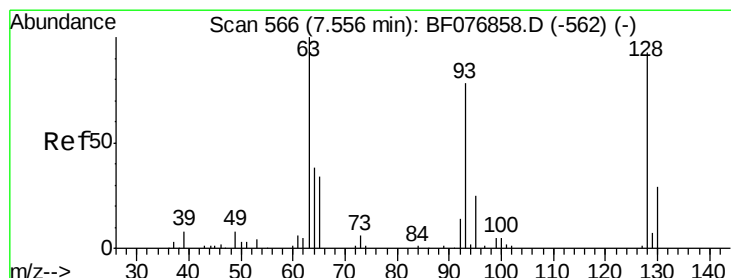
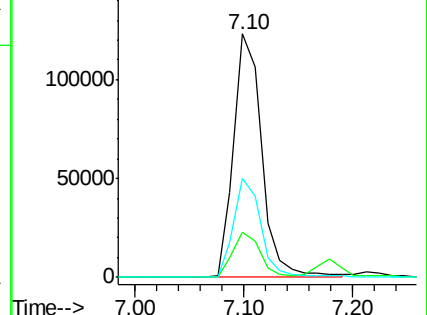
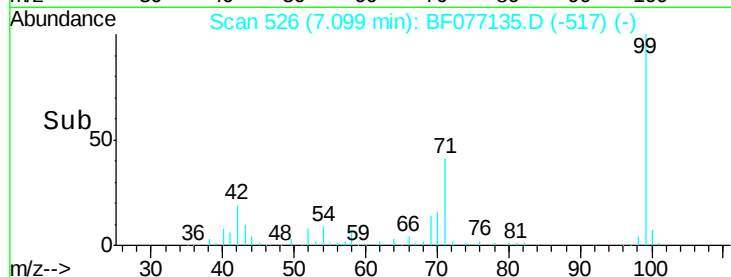
99 100

42 18.6 15.0 22.4

71 40.7 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: 33.86 ng

RT: 7.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

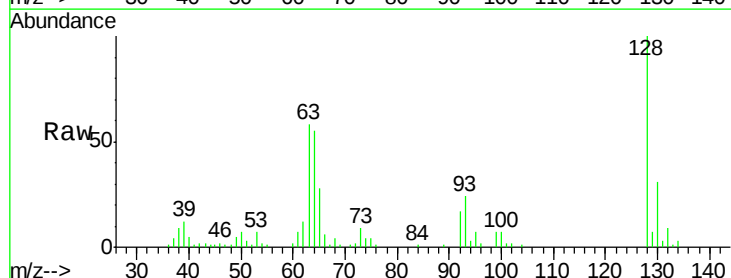
Tgt Ion: 128 Resp: 70351

Ion Ratio Lower Upper

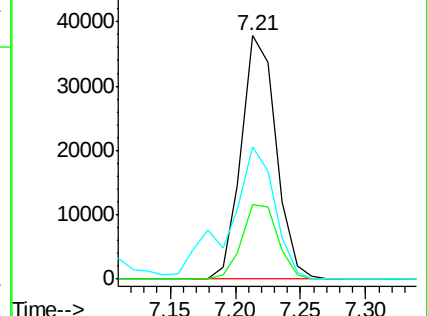
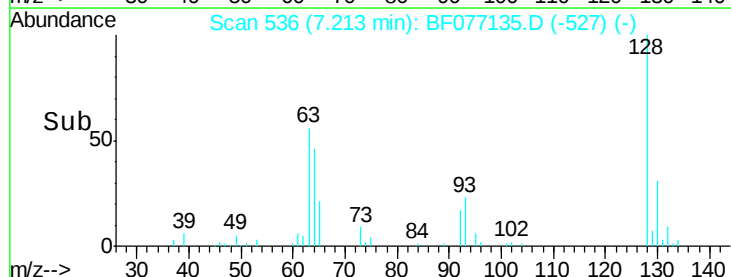
128 100

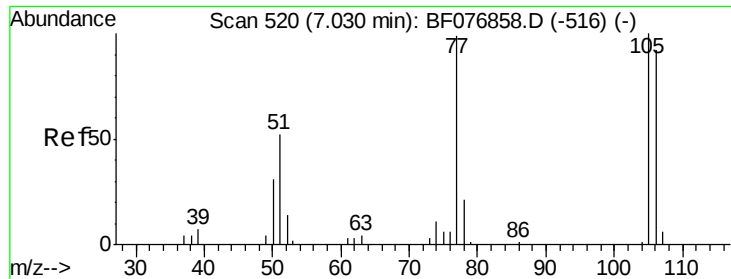
130 30.9 11.0 51.0

64 54.5 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

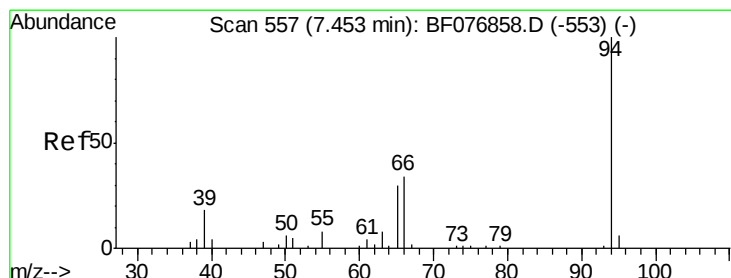
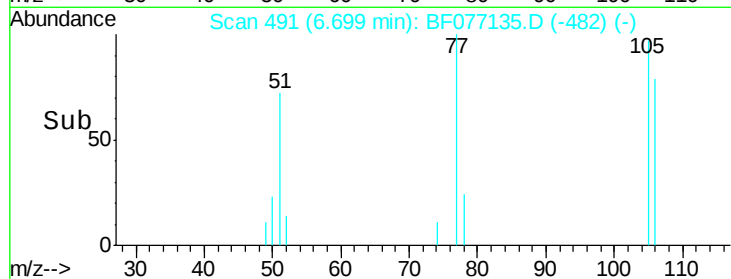
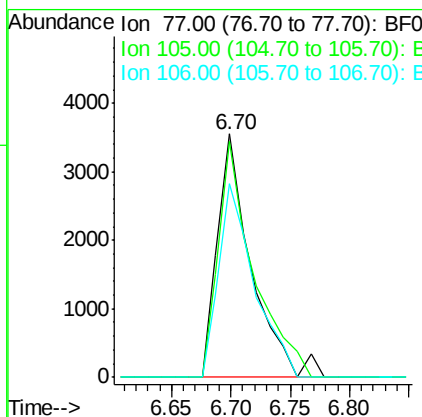
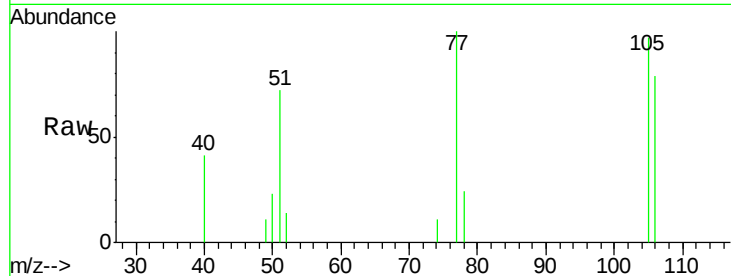




#9
Benzaldehyde
Concen: 4.17 ng
RT: 6.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

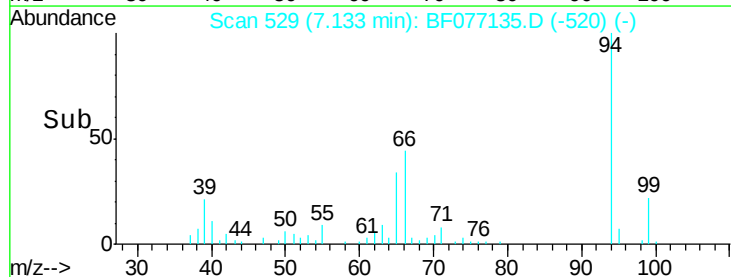
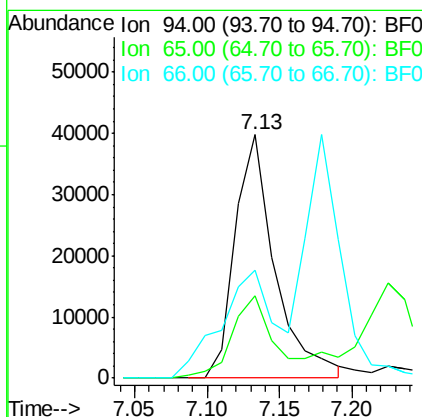
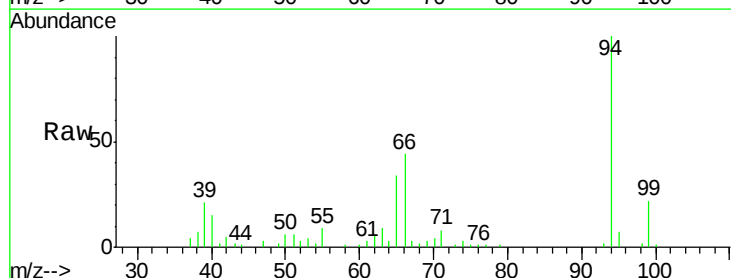
Instrument :
BNA_F
ClientSampleId :

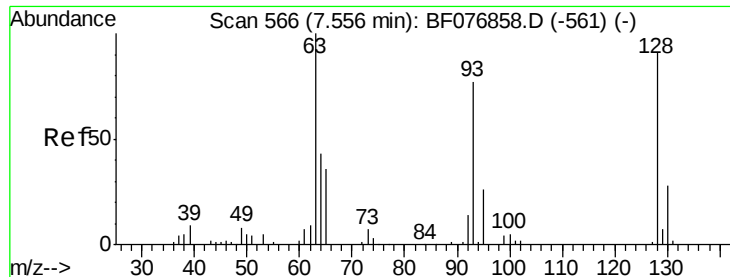
Tot Ion: 77 Resp: 7005
Ion Ratio Lower Upper
77 100
105 97.2 81.4 121.4
106 79.5 72.8 112.8



#10
Phenol
Concen: 31.49 ng
RT: 7.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion: 94 Resp: 76046
Ion Ratio Lower Upper
94 100
65 33.9 11.3 51.3
66 44.2 19.5 59.5

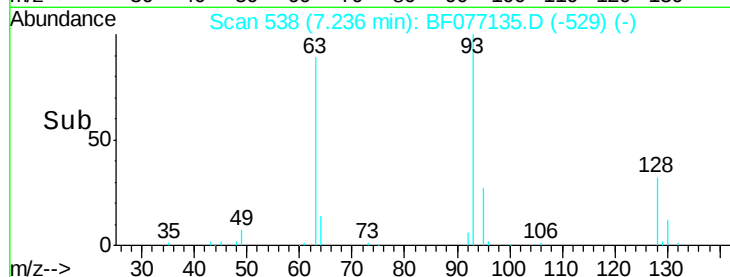
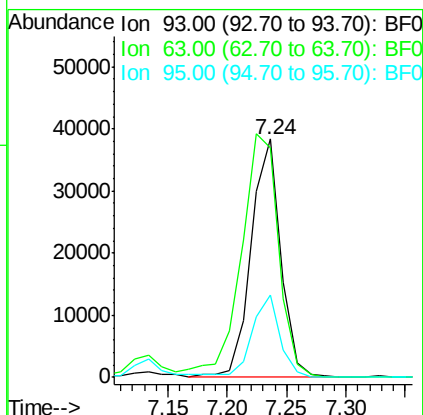
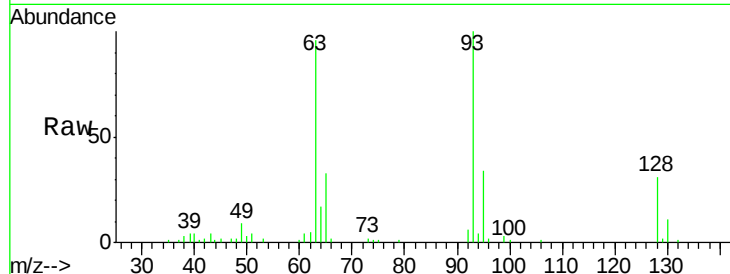




#11
bis(2-Chloroethyl)ether
Concen: 35.62 ng
RT: 7.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

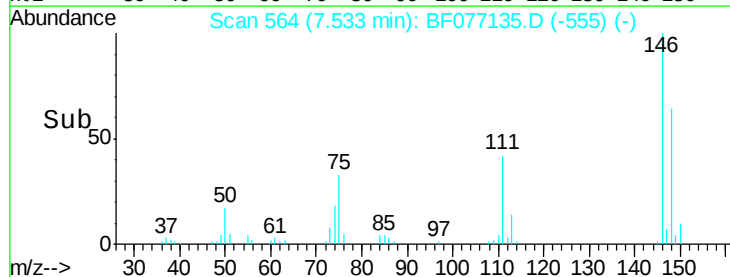
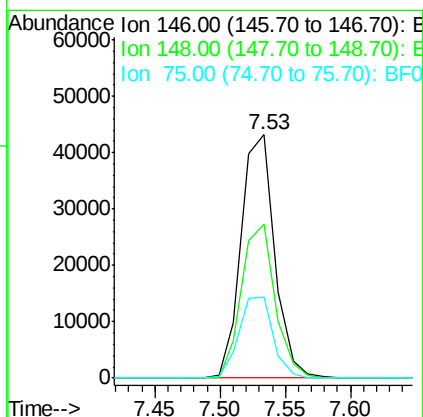
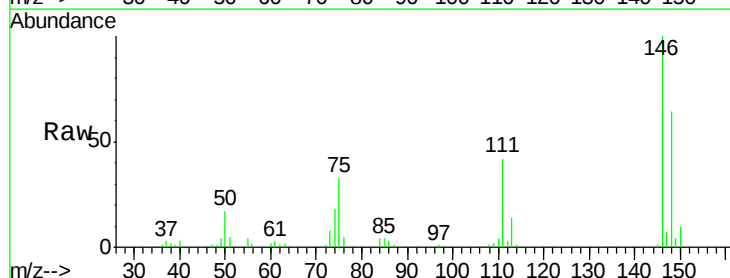
Instrument :
BNA_F
ClientSampled :

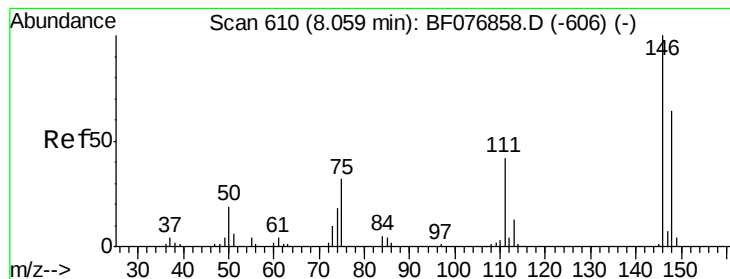
Tot Ion: 93 Resp: 67299
Ion Ratio Lower Upper
93 100
63 96.2 111.3 151.3#
95 34.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 32.74 ng
RT: 7.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion: 146 Resp: 77401
Ion Ratio Lower Upper
146 100
148 63.5 48.1 72.1
75 33.4 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 30.93 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

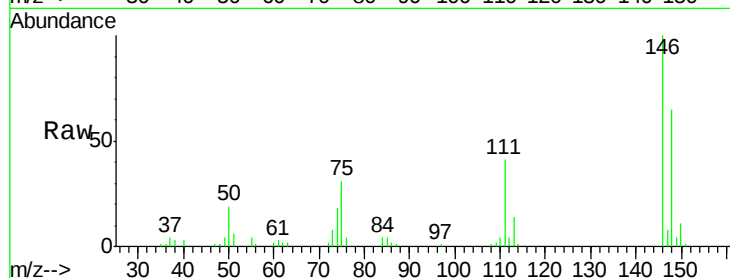
Tot Ion:146 Resp: 77528

Ion Ratio Lower Upper

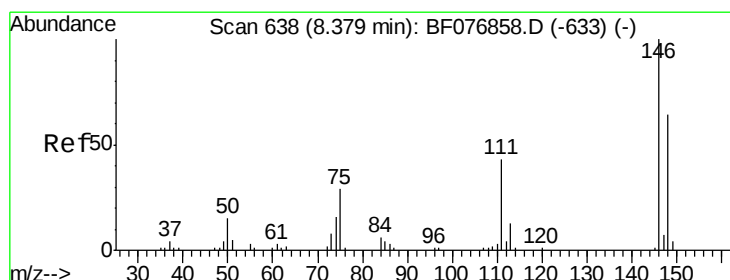
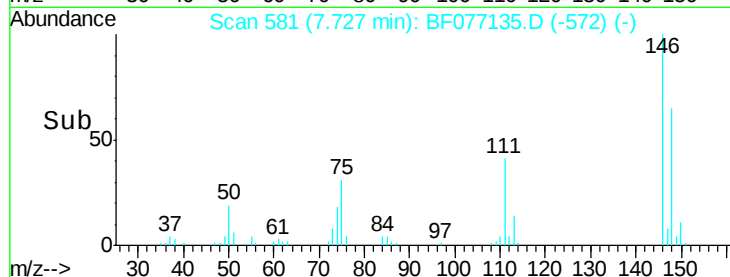
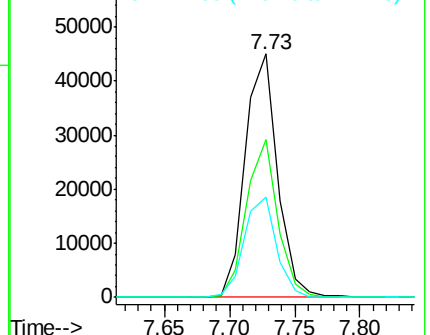
146 100

148 64.9 51.5 77.3

111 41.4 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: 33.28 ng

RT: 8.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

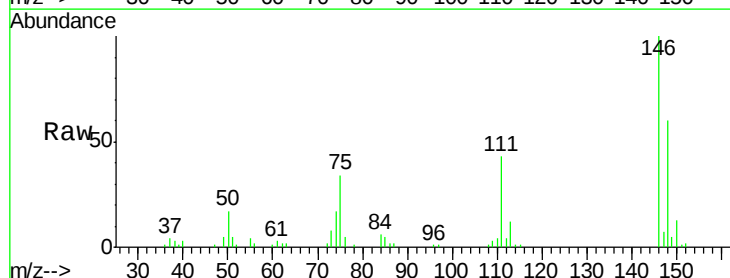
Tgt Ion:146 Resp: 76882

Ion Ratio Lower Upper

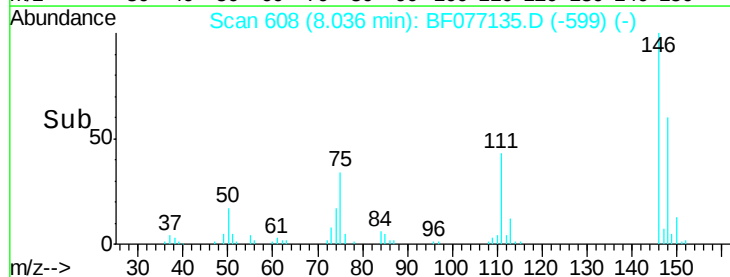
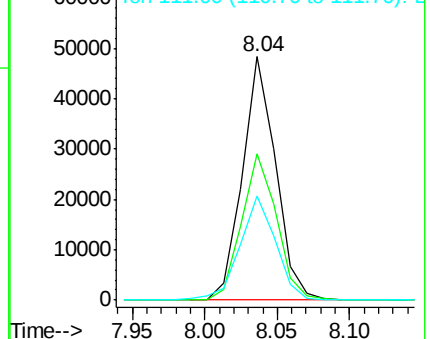
146 100

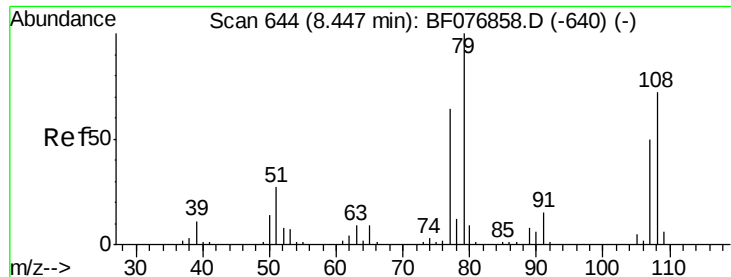
148 60.1 51.3 76.9

111 42.6 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: 34.41 ng

RT: 8.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

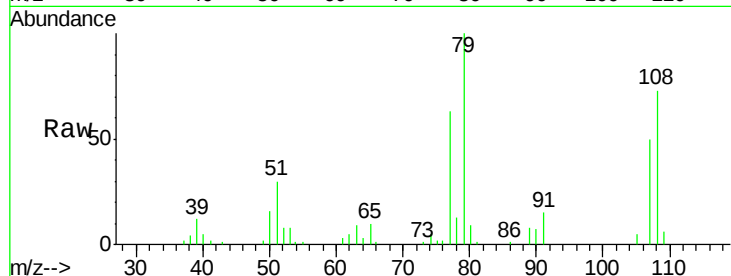
Tot Ion: 79 Resp: 63307

Ion Ratio Lower Upper

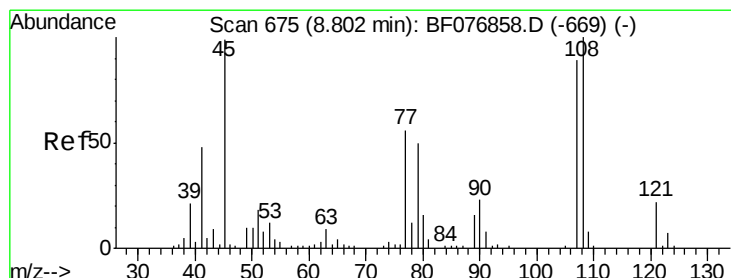
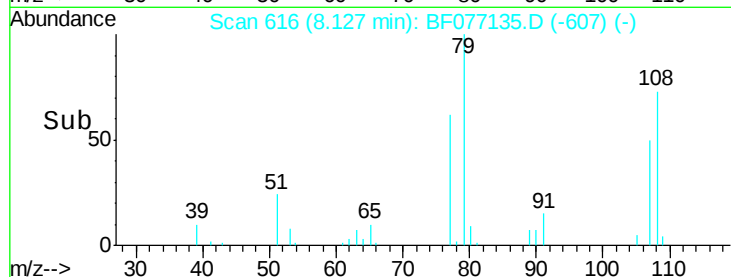
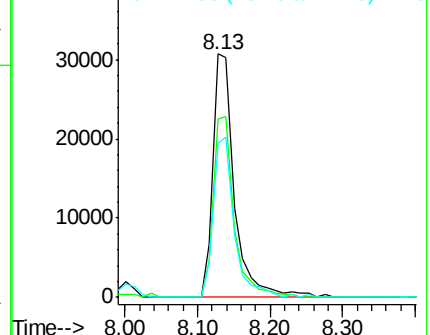
79 100

108 73.4 57.2 85.8

77 63.2 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: 32.05 ng

RT: 8.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

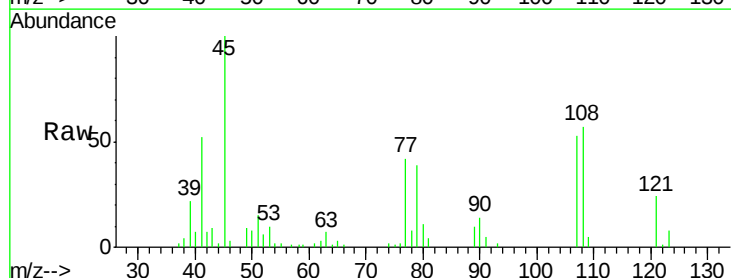
Tgt Ion: 45 Resp: 81384

Ion Ratio Lower Upper

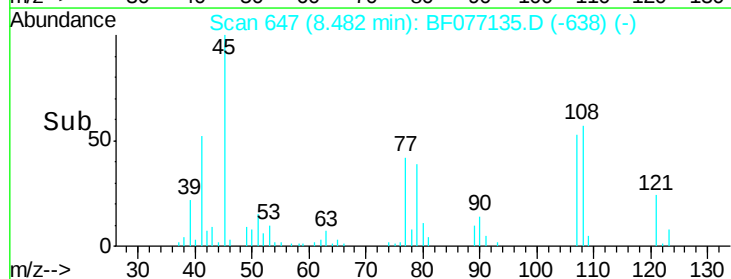
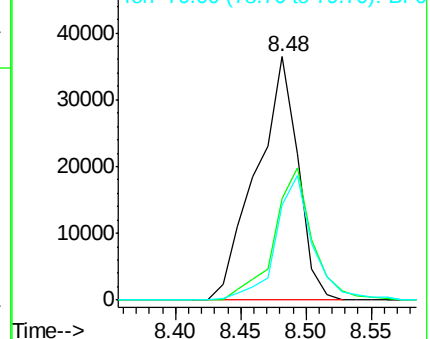
45 100

77 41.9 36.1 76.1

79 39.3 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

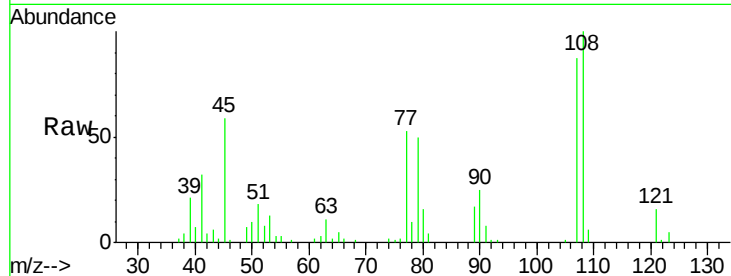




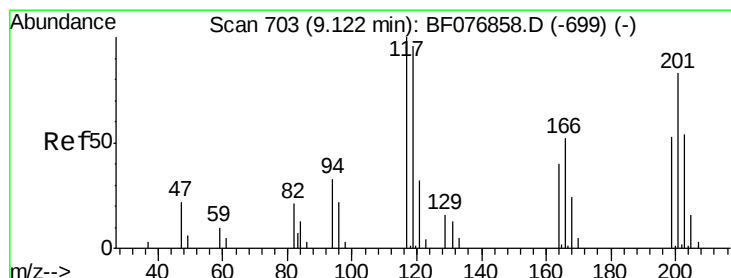
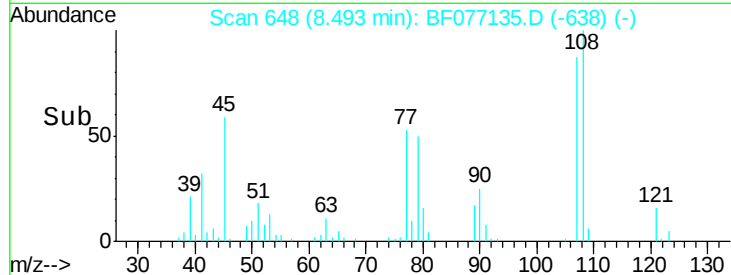
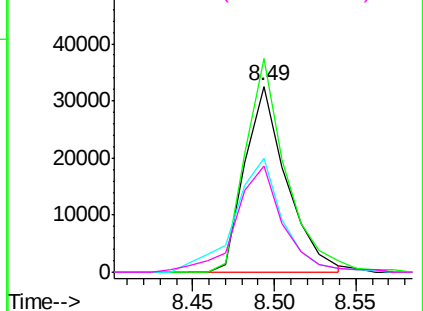
#17
2-Methylphenol
Concen: 33.99 ng
RT: 8.49 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 57728
Ion Ratio Lower Upper
107 100
108 115.1 89.7 134.5
77 61.1 50.1 75.1
79 57.1 45.0 67.6

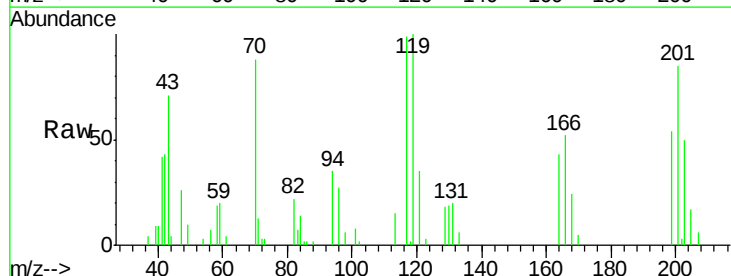


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

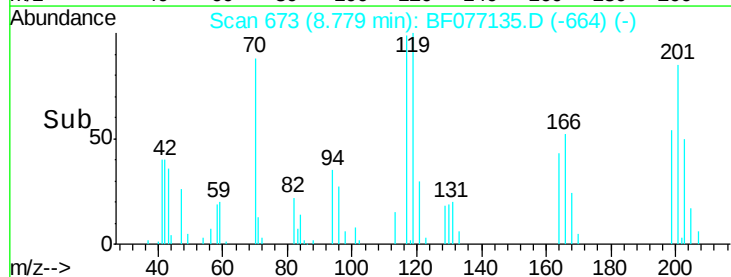
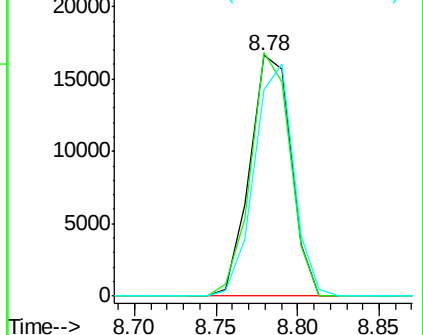


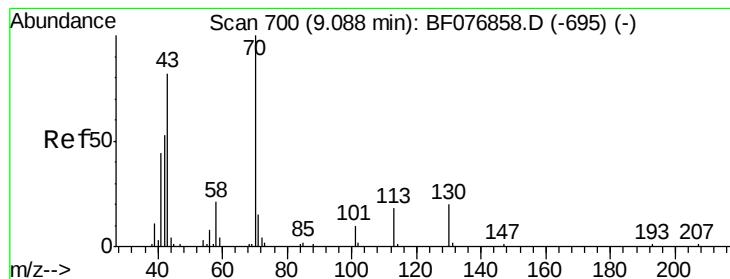
#18
Hexachloroethane
Concen: 33.59 ng
RT: 8.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:117 Resp: 29290
Ion Ratio Lower Upper
117 100
119 101.1 77.1 115.7
201 85.9 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: 32.91 ng

RT: 8.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52384

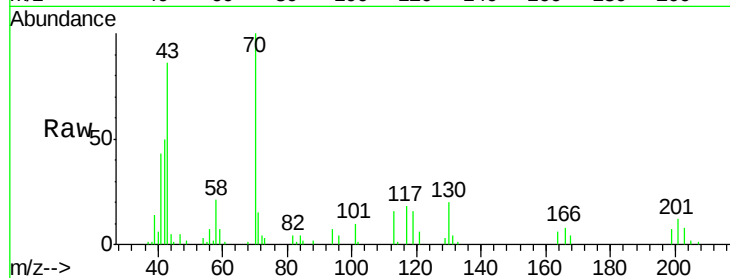
Ion Ratio Lower Upper

70 100

42 49.6 42.1 63.1

101 9.9 7.8 11.8

130 20.3 16.2 24.4



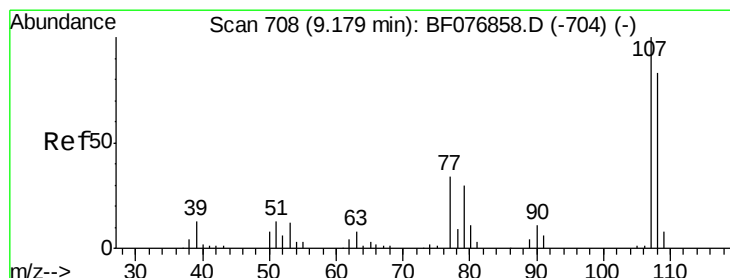
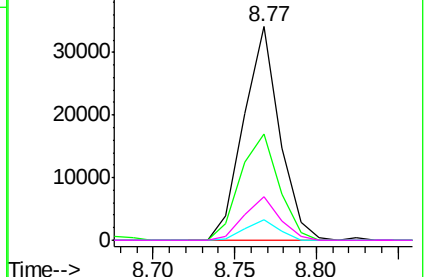
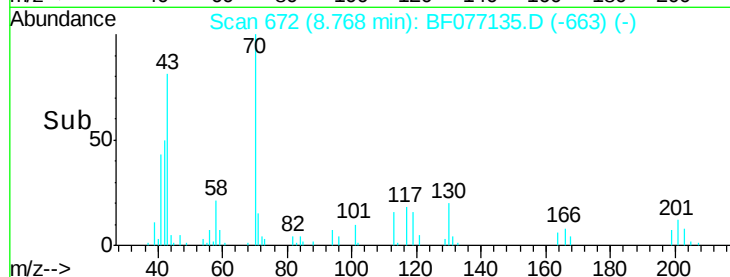
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 28.79 ng

RT: 8.88 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Tgt Ion:107 Resp: 64729

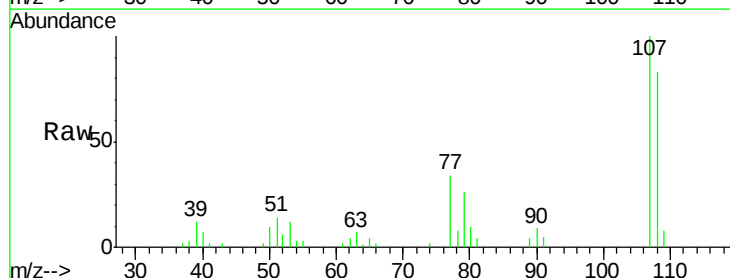
Ion Ratio Lower Upper

107 100

108 83.2 63.5 103.5

77 34.0 14.0 54.0

79 26.2 9.9 49.9



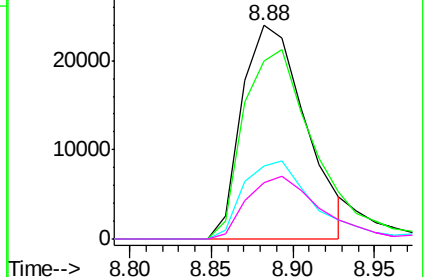
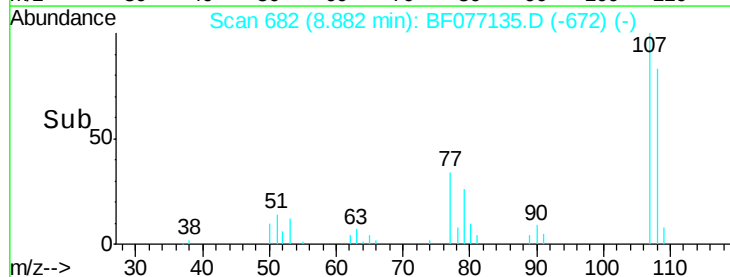
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

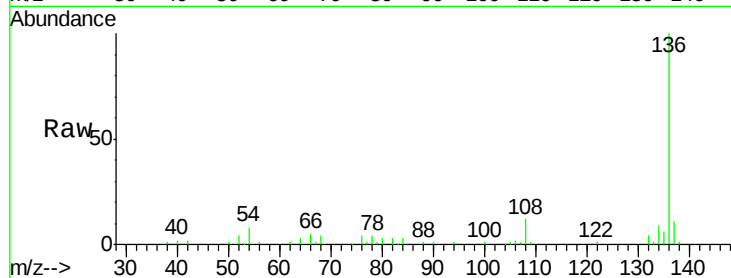




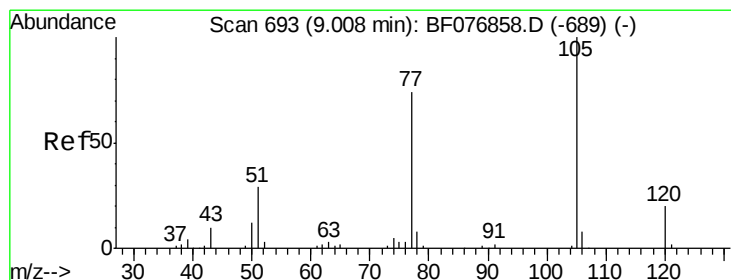
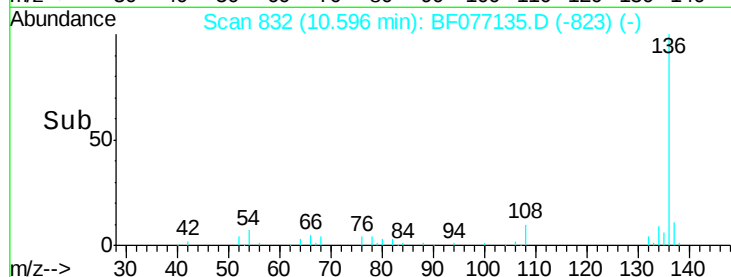
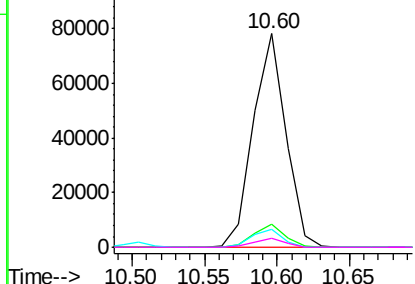
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	121990
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.1 12.1
54	8.2	7.0 10.4
68	4.1	3.7 5.5

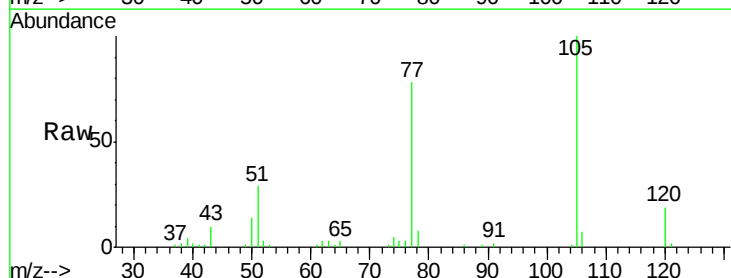


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

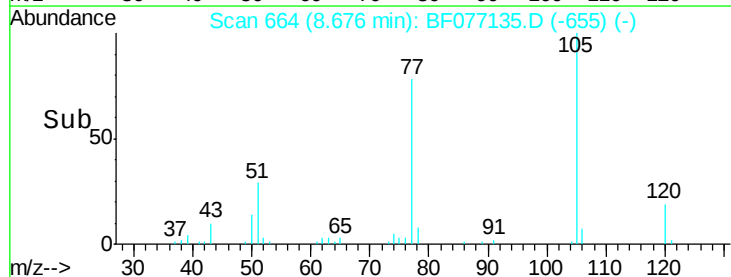
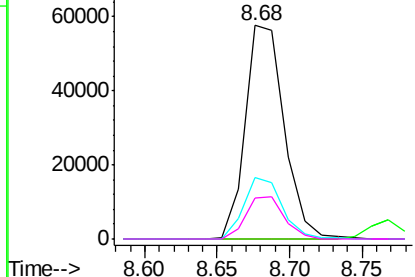


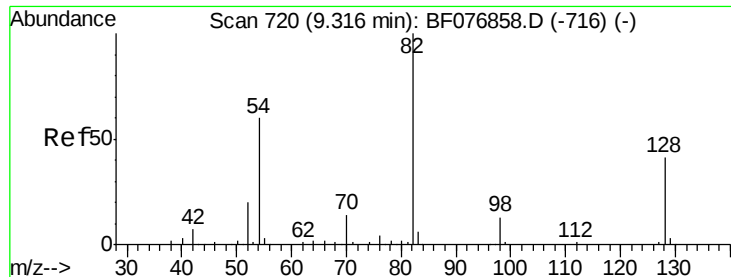
#22
Acetophenone
Concen: 35.95 ng
RT: 8.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:105	Resp:	107420
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	28.5	23.3 34.9
120	19.1	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

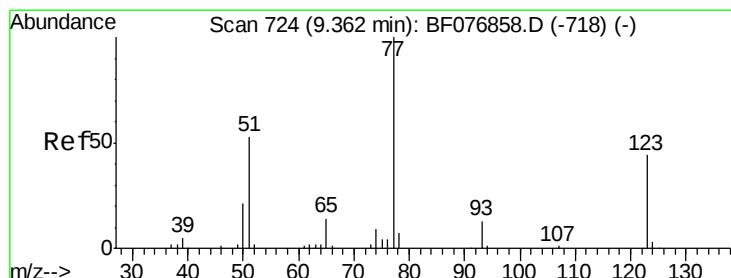
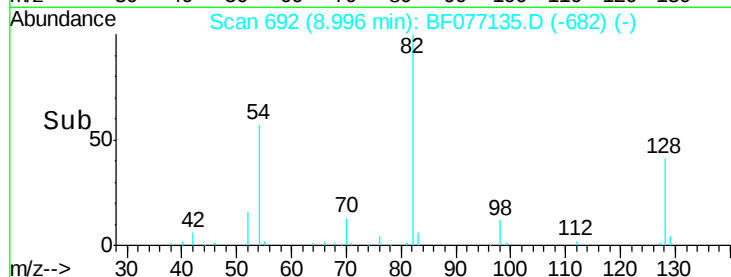
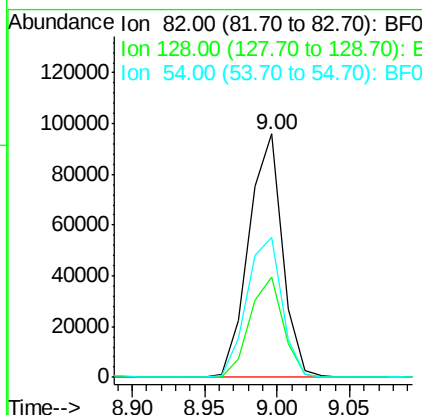
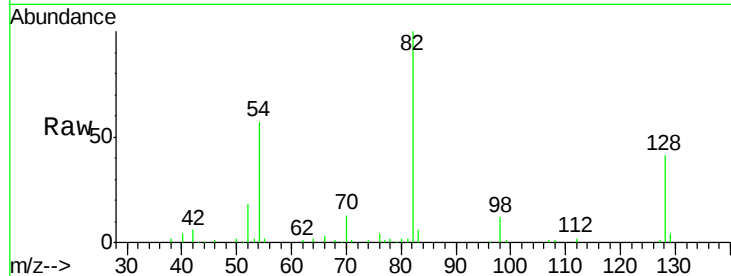




#23
Nitrobenzene-d5
Concen: 70.05 ng
RT: 9.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

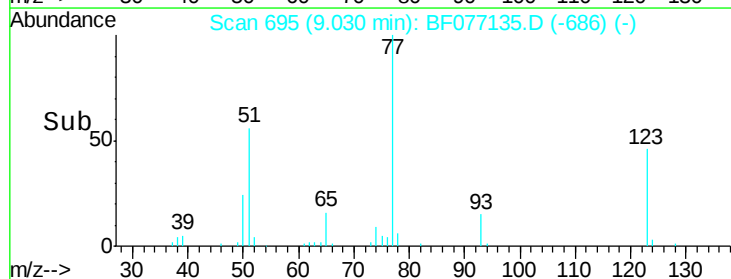
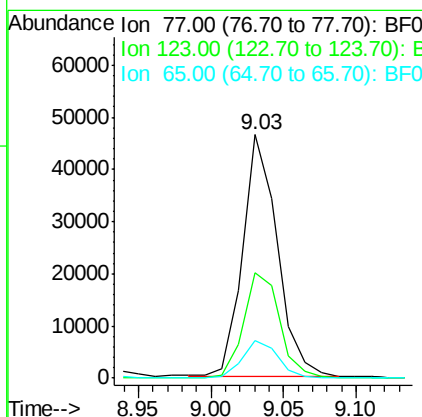
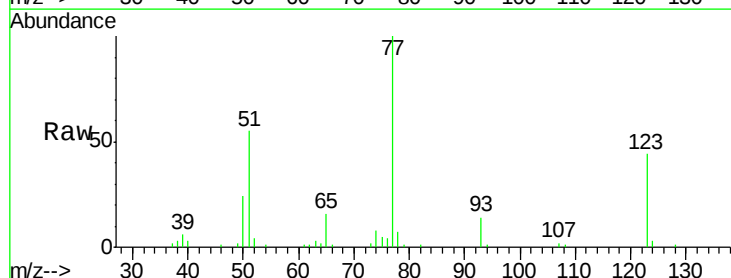
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 154244
Ion Ratio Lower Upper
82 100
128 40.9 33.1 49.7
54 57.3 48.3 72.5



#24
Nitrobenzene
Concen: 33.98 ng
RT: 9.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion: 77 Resp: 76224
Ion Ratio Lower Upper
77 100
123 43.5 35.2 52.8
65 15.7 11.4 17.2





#25

Isophorone

Concen: 35.01 ng

RT: 9.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

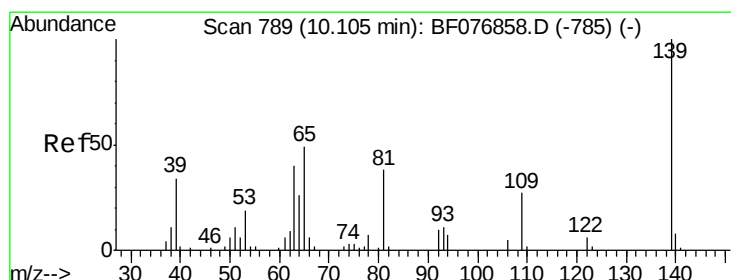
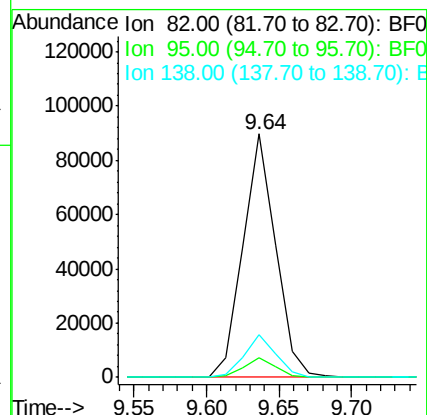
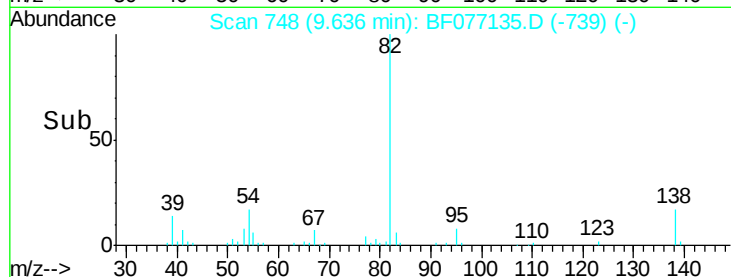
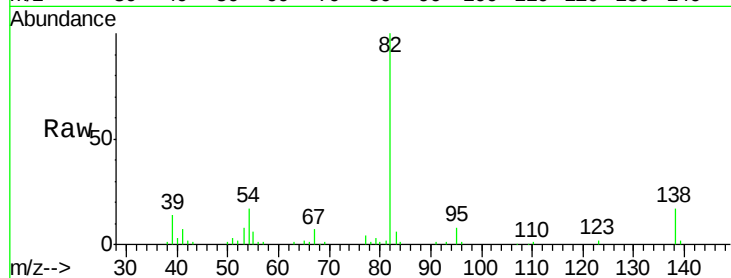
Tot Ion: 82 Resp: 140397

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 17.3 12.6 18.8



#26

2-Nitrophenol

Concen: 33.05 ng

RT: 9.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

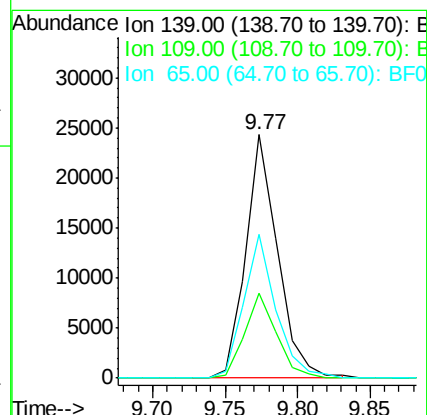
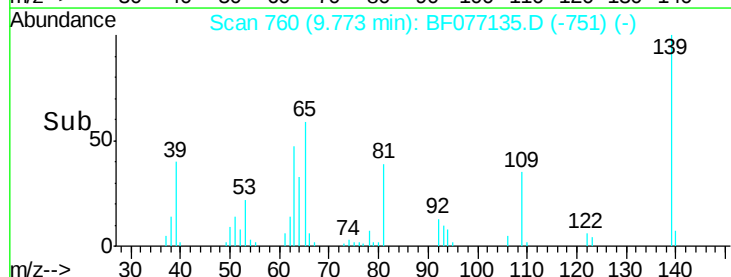
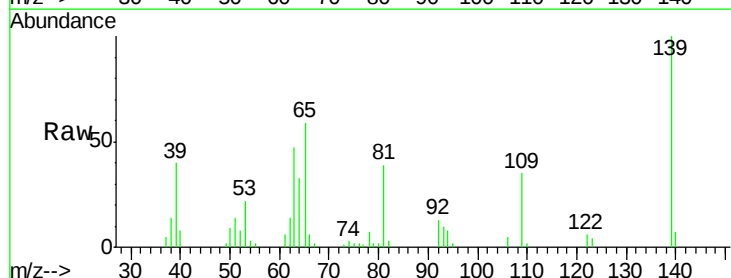
Tgt Ion: 139 Resp: 37310

Ion Ratio Lower Upper

139 100

109 35.1 21.3 31.9#

65 59.3 39.4 59.0#

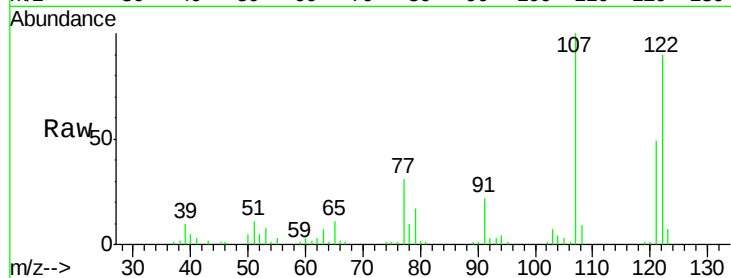




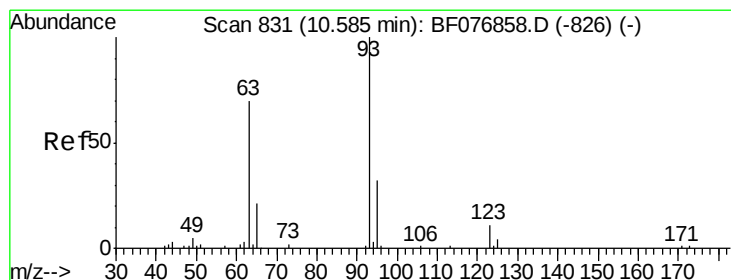
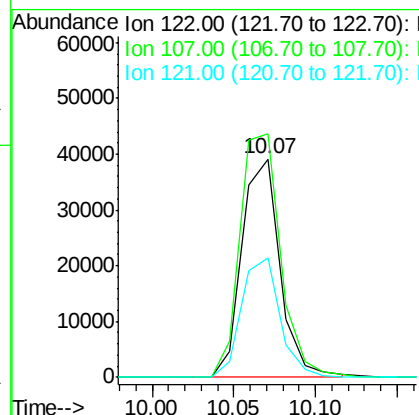
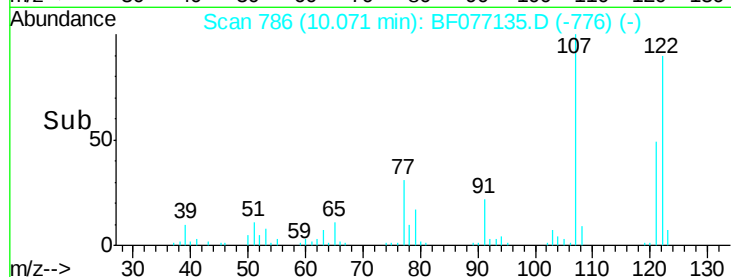
#27
 2,4-Dimethylphenol
 Concen: 36.55 ng
 RT: 10.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 63392
 Ion Ratio Lower Upper
 122 100
 107 111.5 95.2 142.8
 121 54.9 42.9 64.3

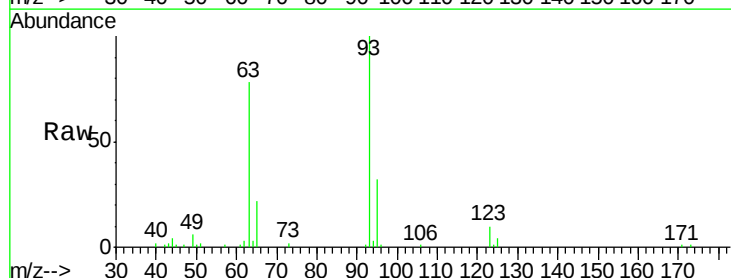


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

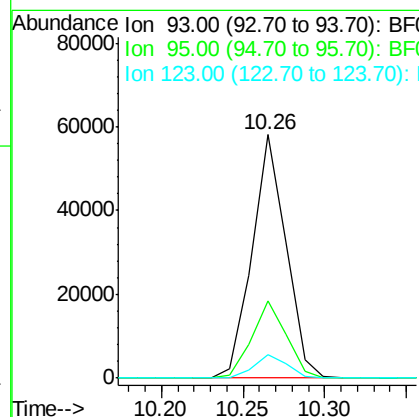
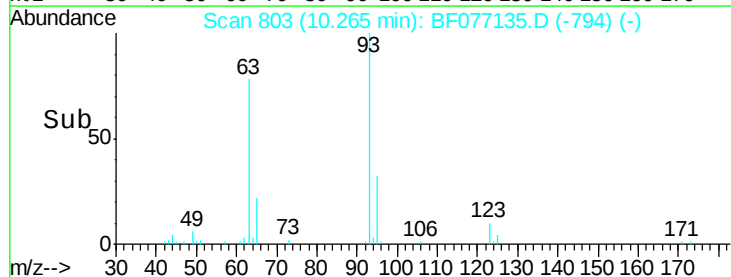


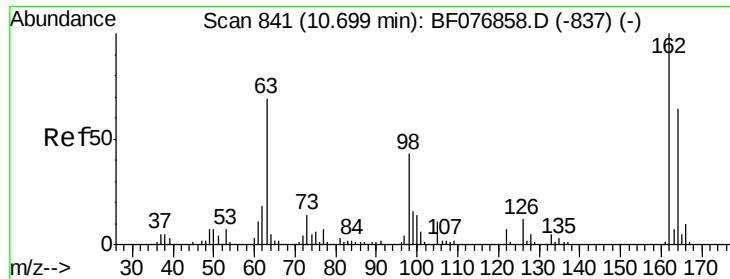
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.78 ng
 RT: 10.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion: 93 Resp: 83823
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.6 38.4
 123 9.7 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

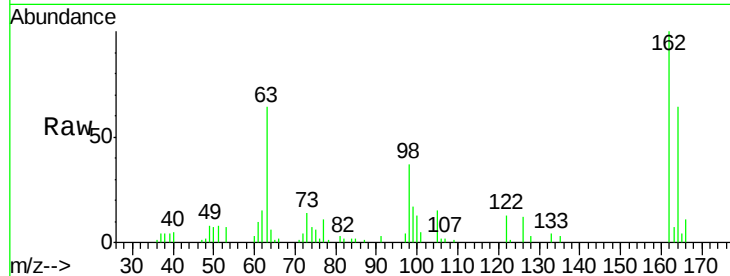




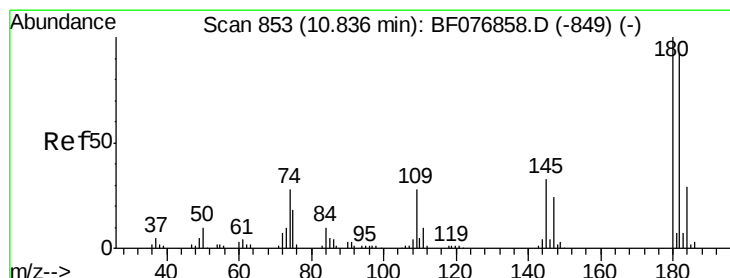
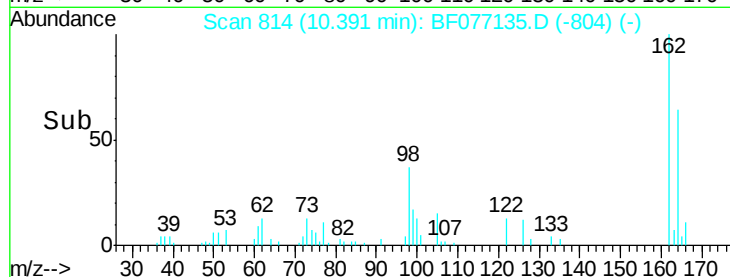
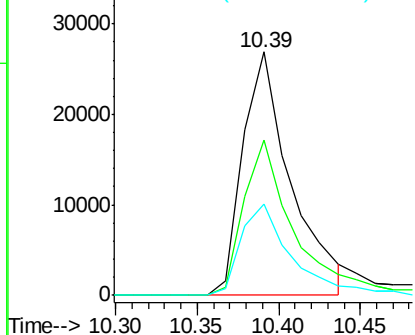
#29
 2,4-Dichlorophenol
 Concen: 34.05 ng
 RT: 10.39 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 55051
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.8 83.8
 98 37.4 22.5 62.5

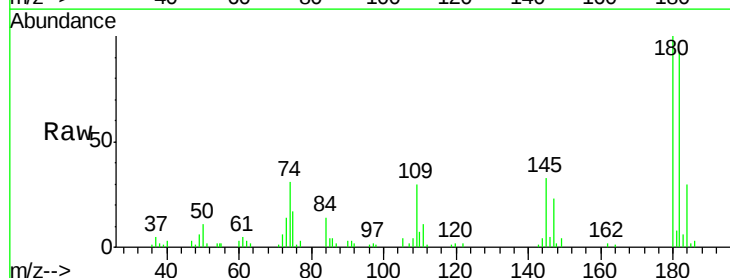


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

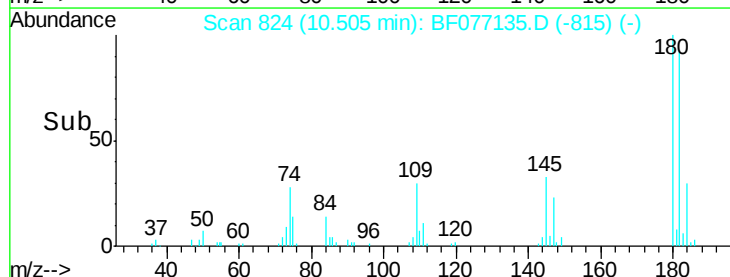
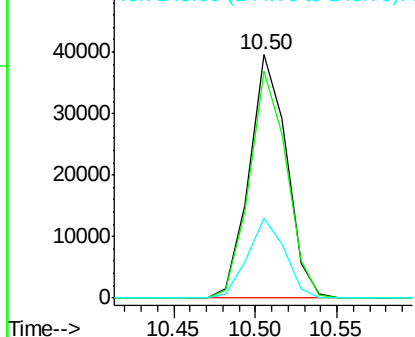


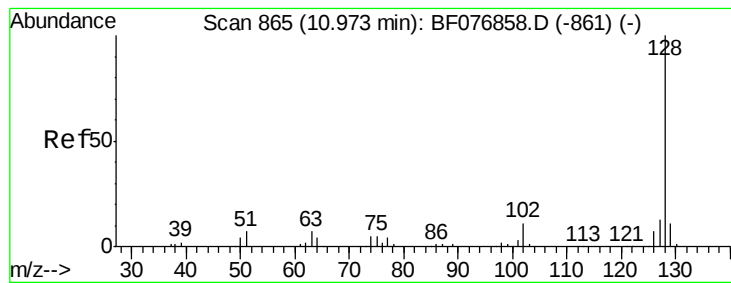
#30
 1,2,4-Trichlorobenzene
 Concen: 34.98 ng
 RT: 10.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:180 Resp: 62807
 Ion Ratio Lower Upper
 180 100
 182 93.5 73.6 110.4
 145 33.0 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: 35.75 ng

RT: 10.64 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

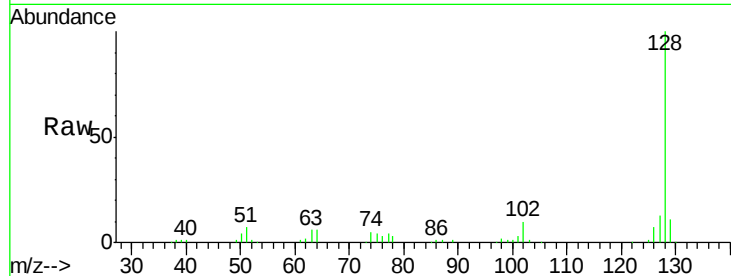
Tot Ion:128 Resp: 224515

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

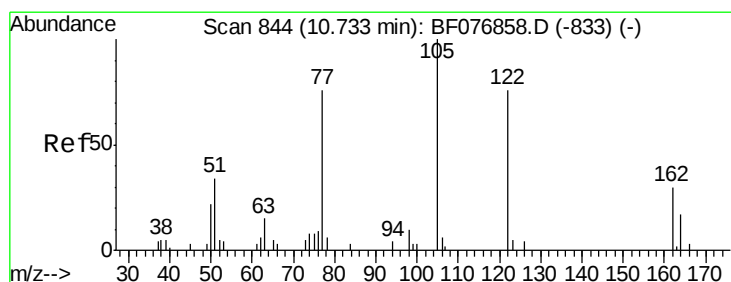
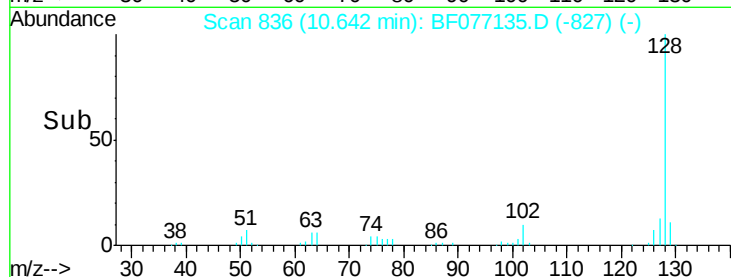
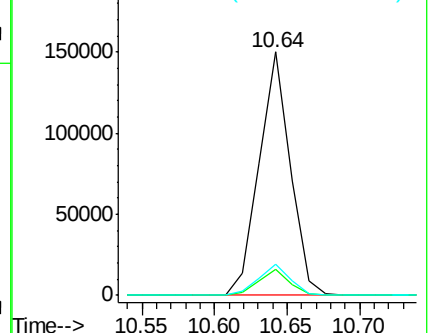
127 12.6 10.2 15.2



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: 36.18 ng

RT: 10.46 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

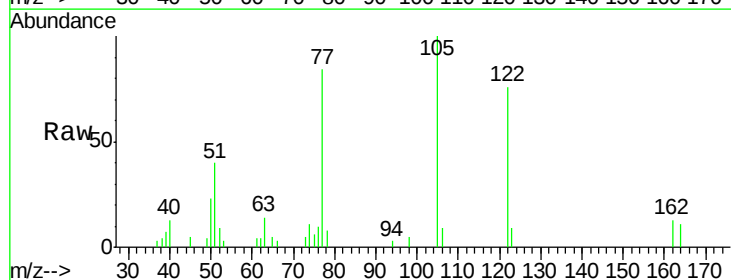
Tgt Ion:122 Resp: 34771

Ion Ratio Lower Upper

122 100

105 131.3 111.3 151.3

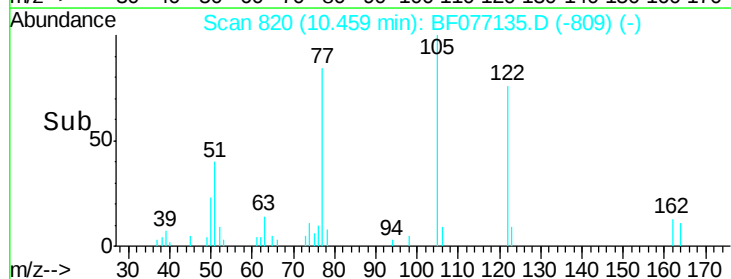
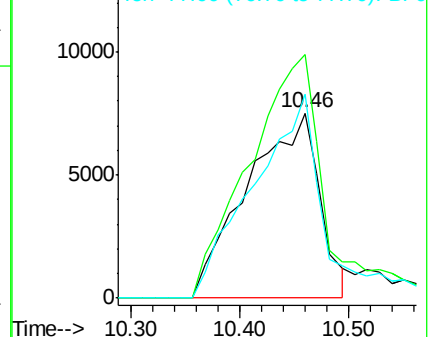
77 110.1 79.2 119.2

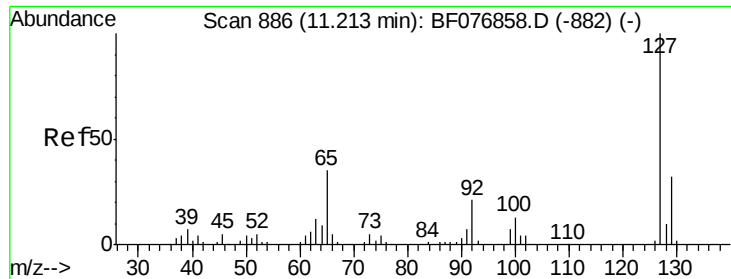


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

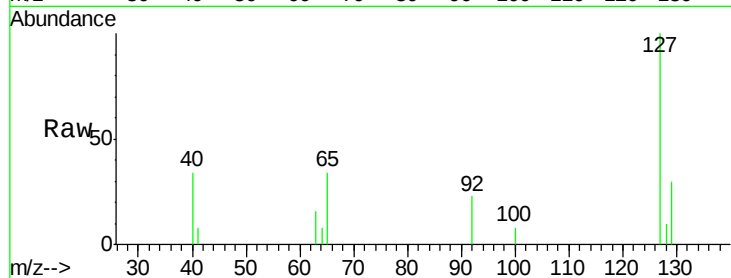




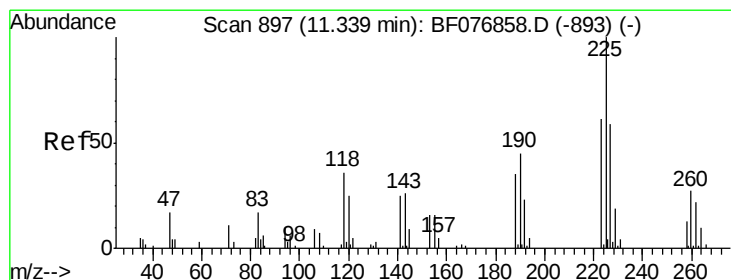
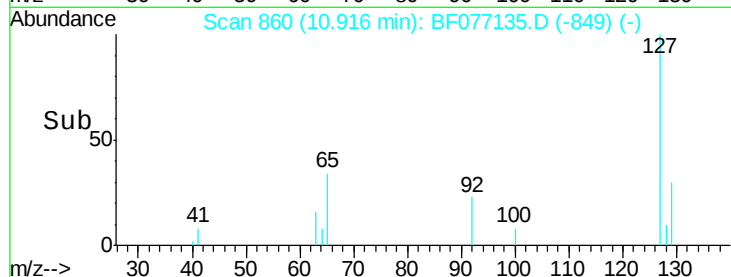
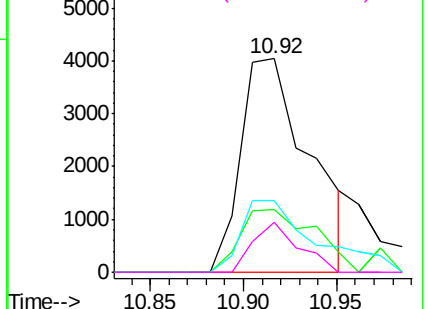
#33
4-Chloroaniline
Concen: 4.09 ng
RT: 10.92 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	10370
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.3	37.9
65	33.8	27.8	41.6
92	23.2	16.5	24.7

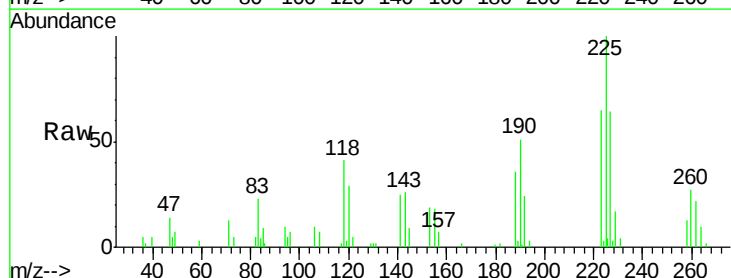


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

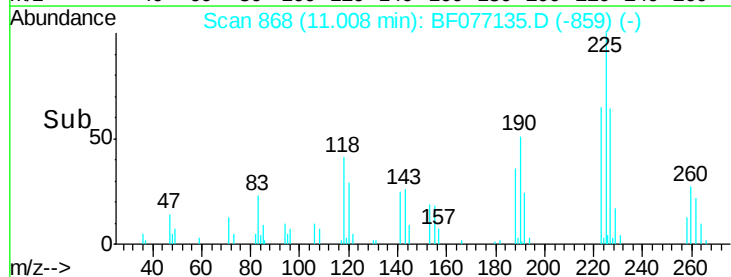
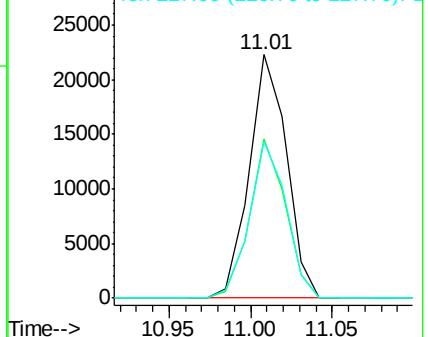


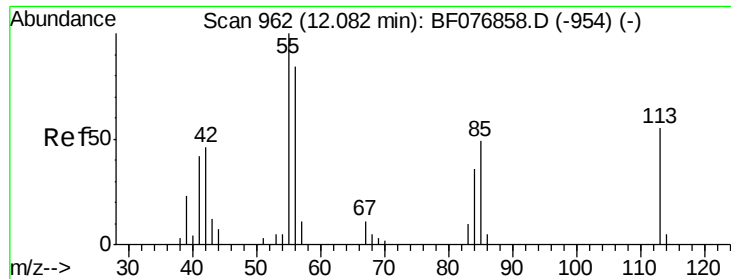
#34
Hexachlorobutadiene
Concen: 33.26 ng
RT: 11.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:	225	Resp:	35440
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.1	73.7
227	64.1	47.5	71.3



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





#35

Caprolactam

Concen: 25.68 ng

RT: 11.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampled :

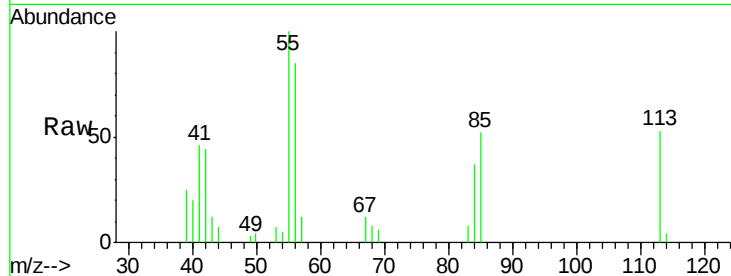
Tot Ion:113 Resp: 12225

Ion Ratio Lower Upper

113 100

55 190.1 162.1 202.1

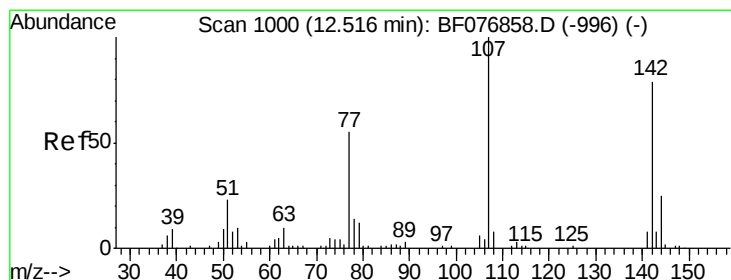
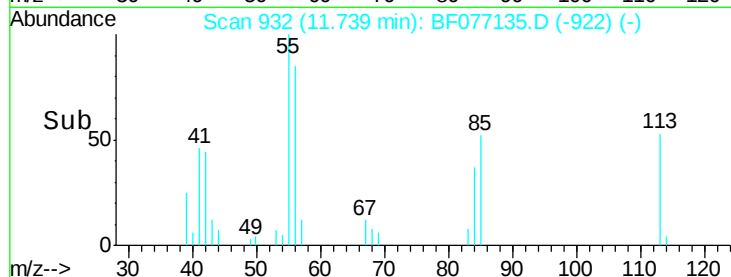
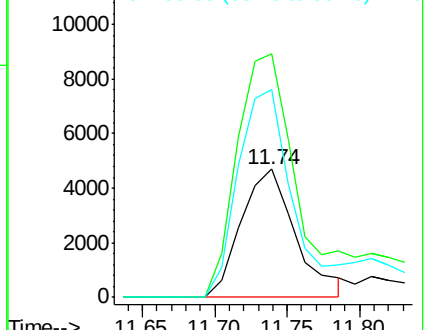
56 162.0 133.7 173.7



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: 36.00 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

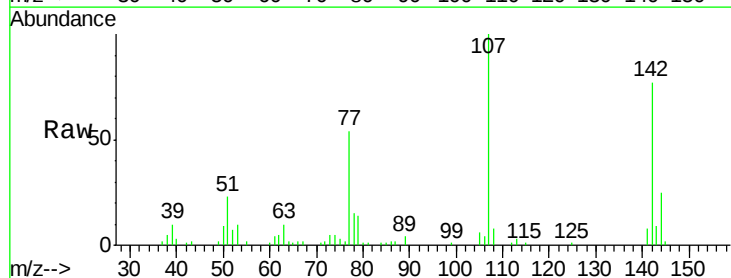
Tgt Ion:107 Resp: 66647

Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

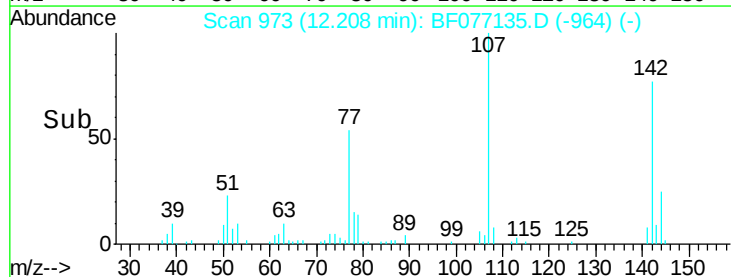
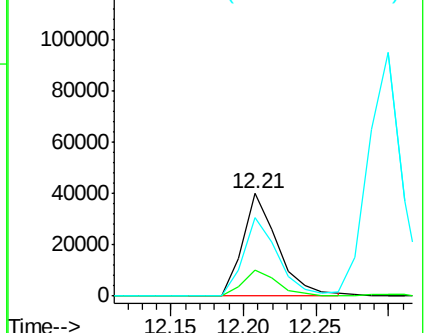
142 76.8 63.5 95.3

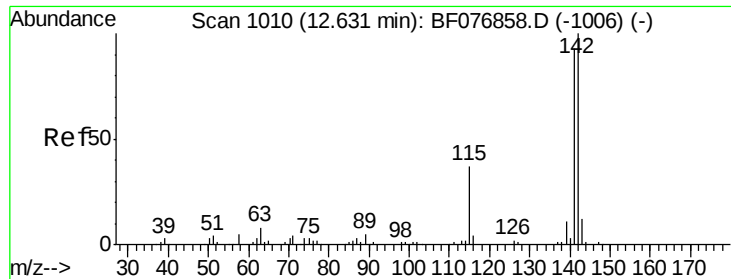


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

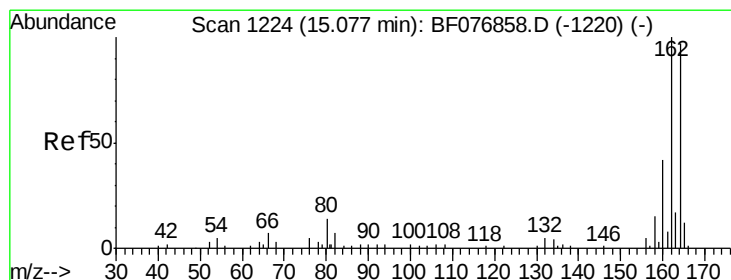
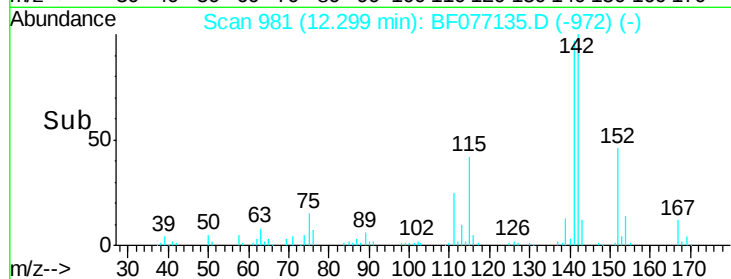
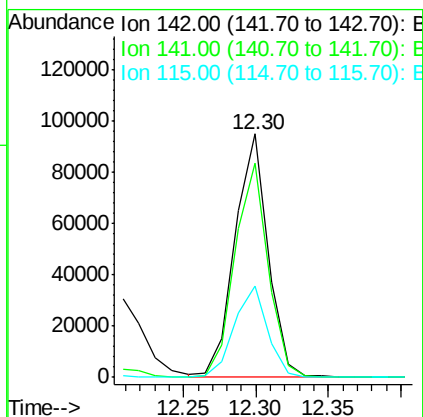
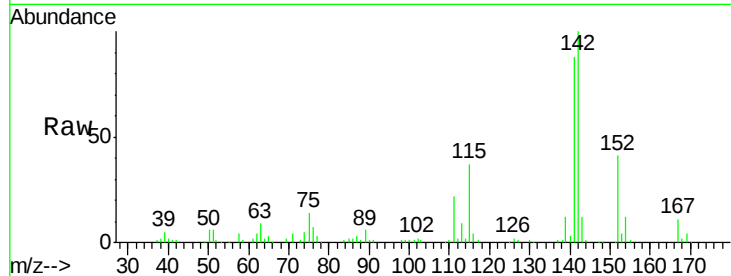




#37
2-Methylnaphthalene
Concen: 35.26 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

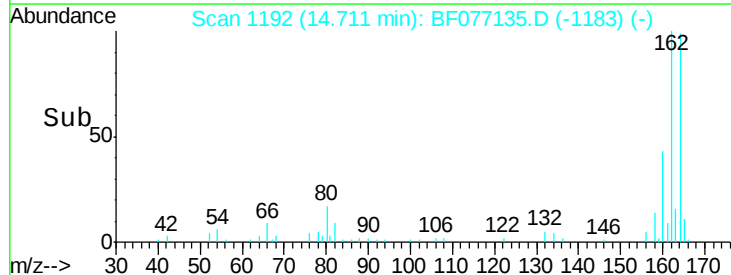
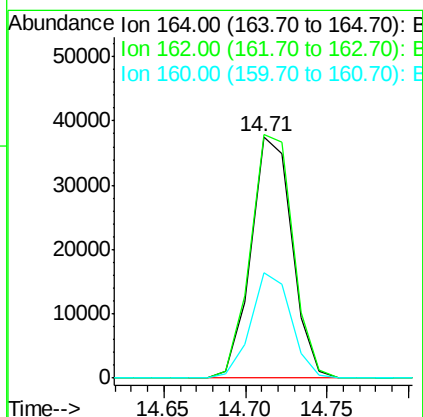
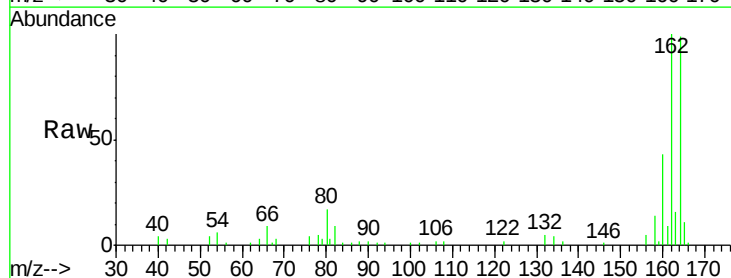
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 151246
Ion Ratio Lower Upper
142 100
141 88.0 74.5 111.7
115 37.3 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: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:164 Resp: 65694
Ion Ratio Lower Upper
164 100
162 100.9 82.4 123.6
160 43.4 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.59 ng

RT: 12.70 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

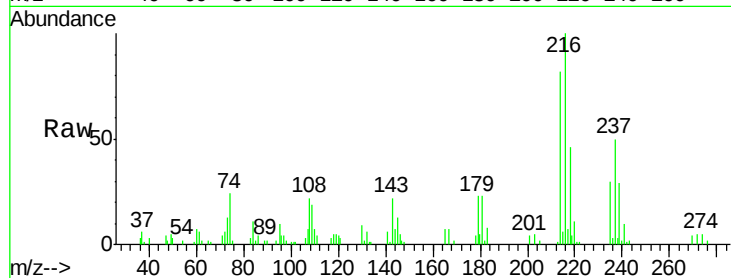
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 57803

Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.9	97.3
179	23.2	18.6	28.0
108	26.4	18.1	27.1

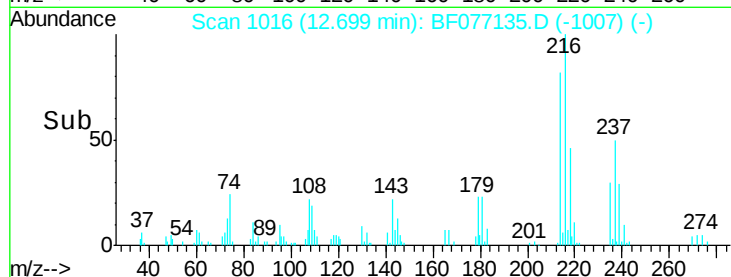


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

12.65 12.70 12.75

40000

30000

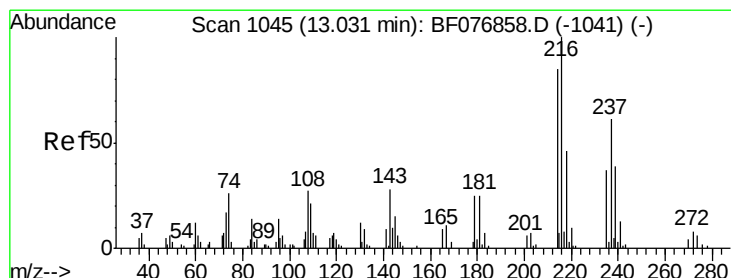
20000

10000

0

12.65 12.70 12.75

Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.17 ng

RT: 12.69 min Scan# 1015

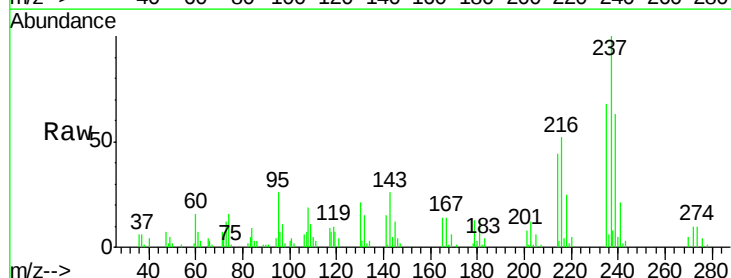
Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Tgt Ion:237 Resp: 57117

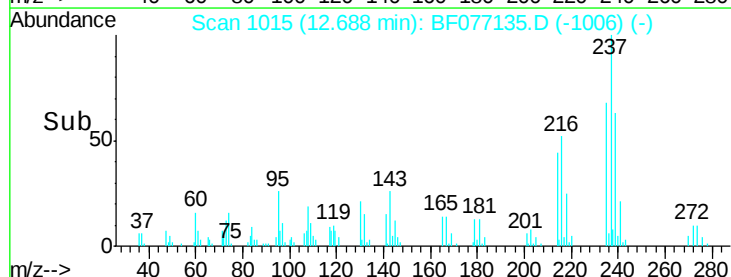
Ion	Ratio	Lower	Upper
237	100		
235	67.6	40.4	80.4
272	10.3	0.0	33.2



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



Time-->

12.60 12.65 12.70 12.75

40000

30000

20000

10000

0

12.60 12.65 12.70 12.75

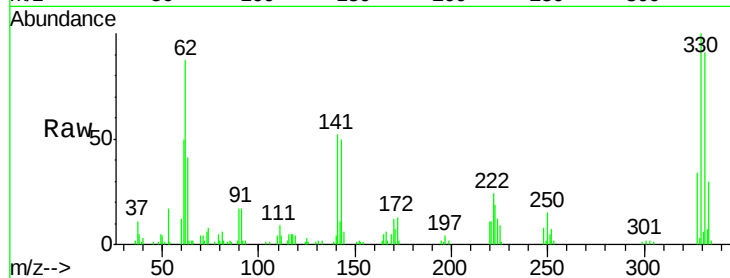
Time-->



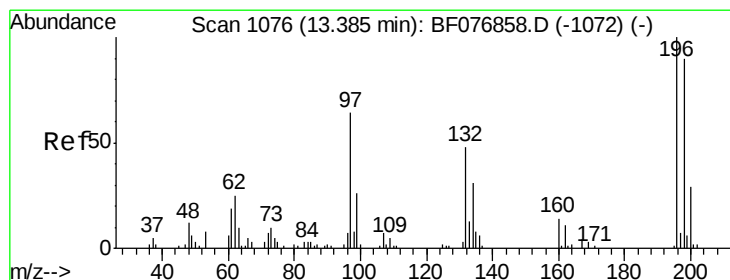
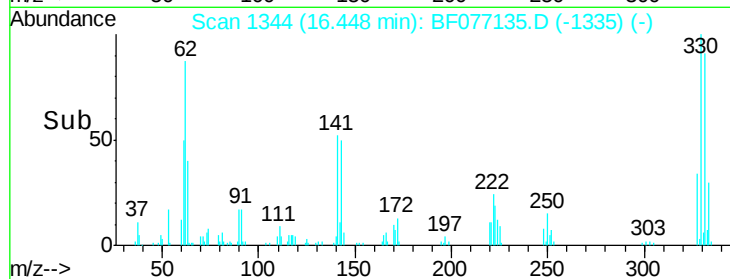
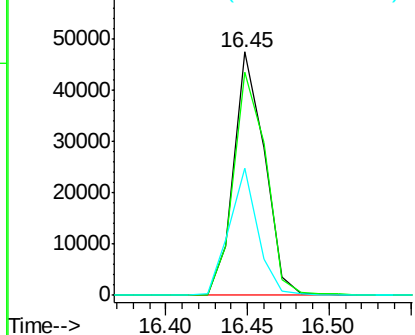
#41
 2,4,6-Tribromophenol
 Concen: 115.75 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61724
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 49.2 38.5 57.7

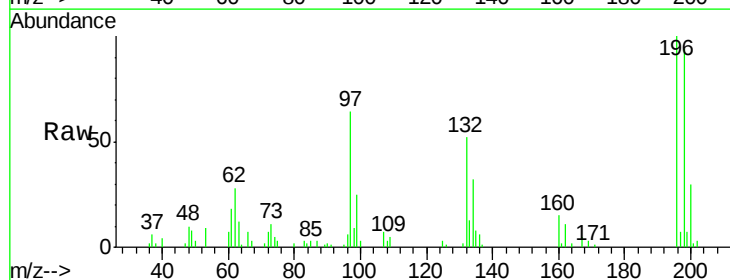


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

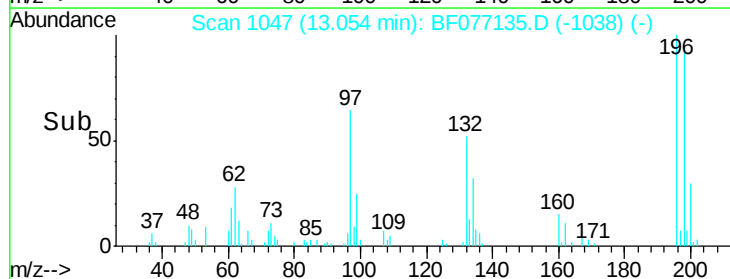
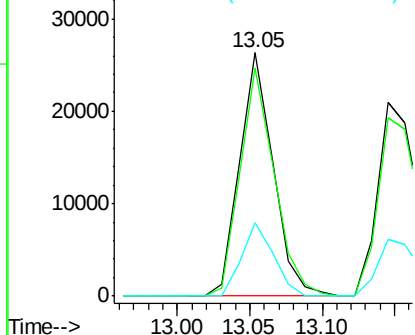


#42
 2,4,6-Trichlorophenol
 Concen: 35.77 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:196 Resp: 42327
 Ion Ratio Lower Upper
 196 100
 198 93.7 72.0 108.0
 200 30.3 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

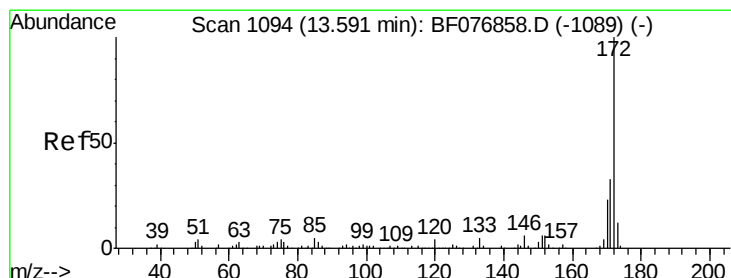
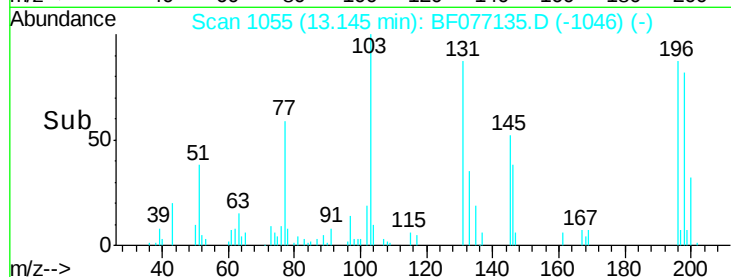
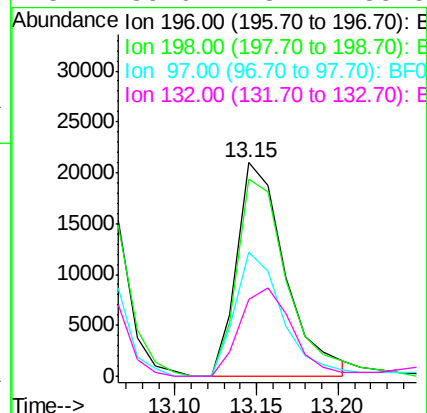
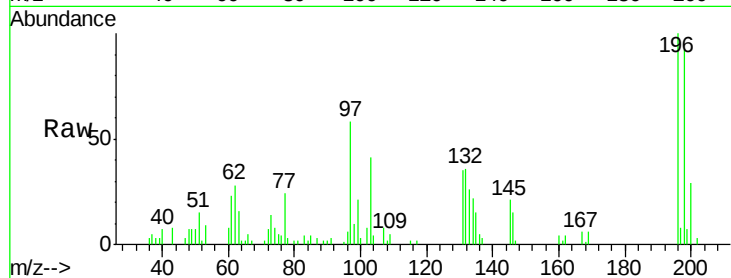




#43
2,4,5-Trichlorophenol
Concen: 35.86 ng
RT: 13.15 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

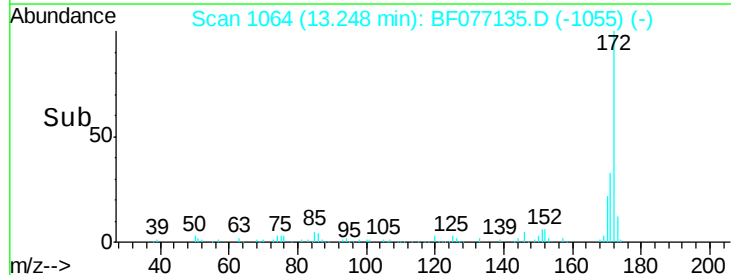
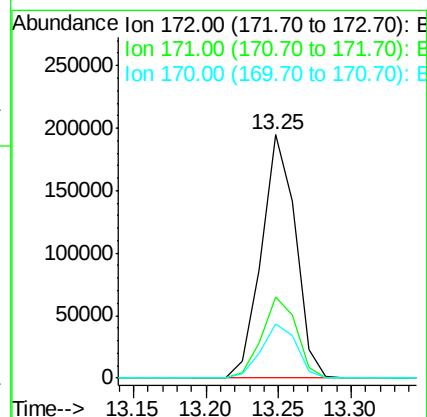
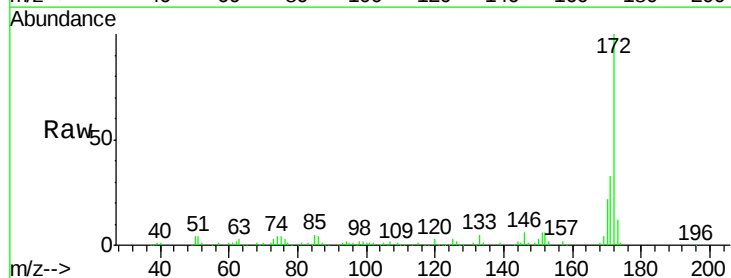
Instrument :
BNA_F
ClientSampleId :

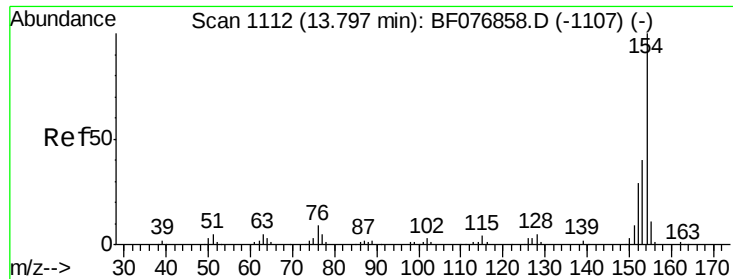
Tot Ion:196 Resp: 43277
Ion Ratio Lower Upper
196 100
198 92.2 76.6 115.0
97 57.9 43.4 65.0
132 35.9 23.7 35.5#



#44
2-Fluorobiphenyl
Concen: 73.20 ng
RT: 13.25 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:172 Resp: 316011
Ion Ratio Lower Upper
172 100
171 33.4 26.6 40.0
170 22.2 18.0 27.0

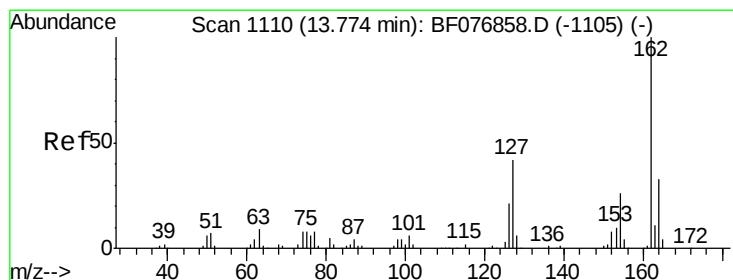
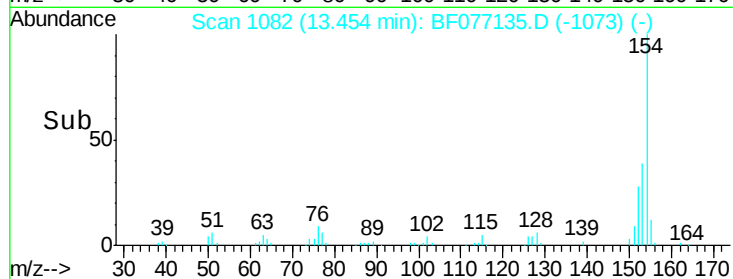
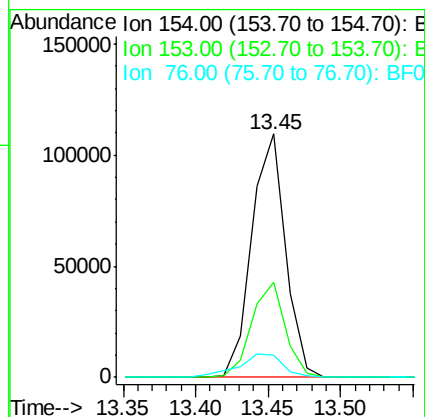
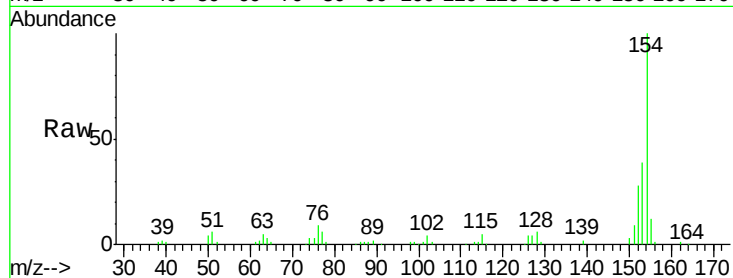




#45
 1,1'-Biphenyl
 Concen: 36.25 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

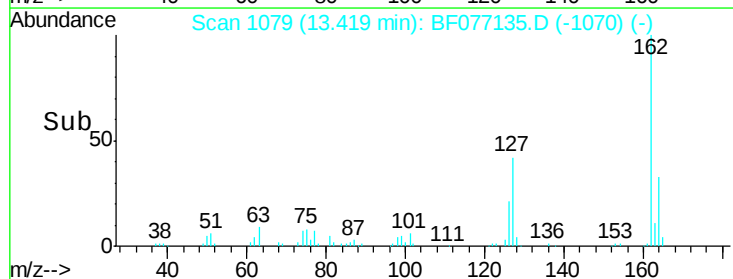
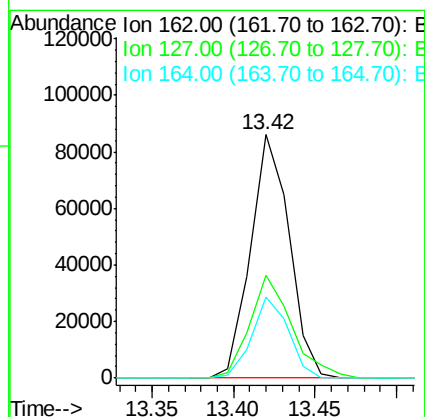
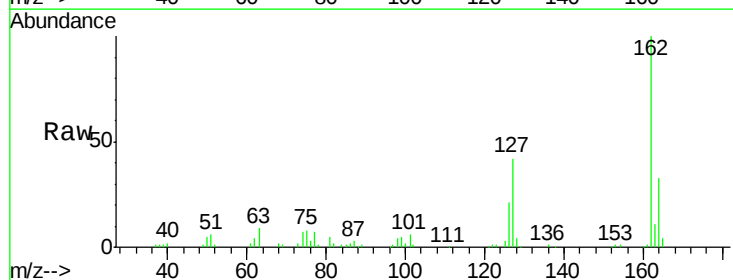
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 176546
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.2 60.2
 76 9.4 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 35.36 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:162 Resp: 141731
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.8 50.6
 164 33.4 26.8 40.2





#47

2-Nitroaniline

Concen: 36.51 ng

RT: 13.77 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

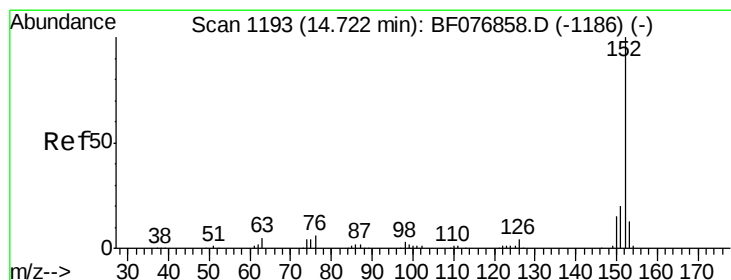
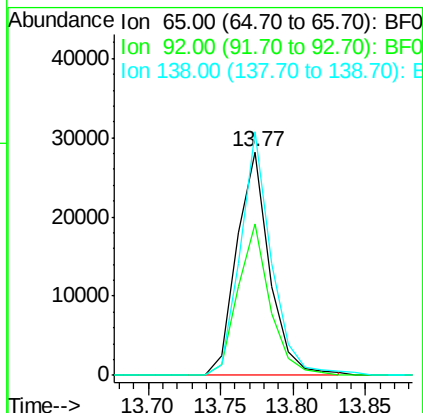
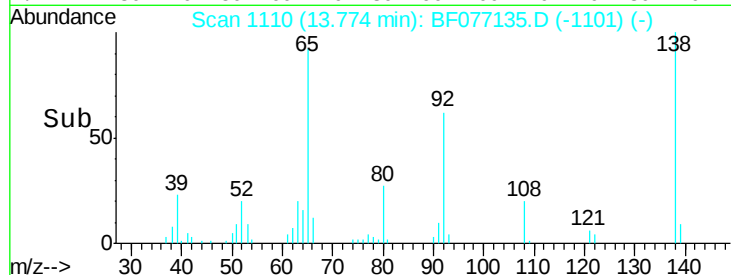
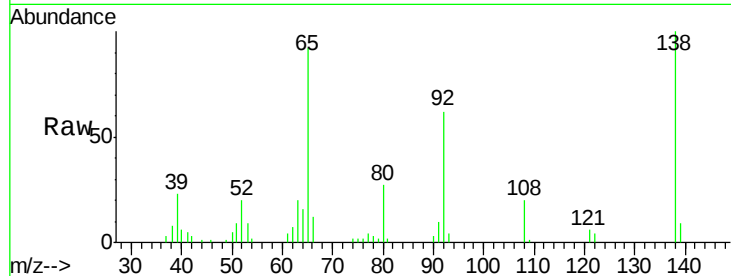
Tot Ion: 65 Resp: 44387

Ion Ratio Lower Upper

65 100

92 68.0 47.3 70.9

138 109.0 71.4 107.2#



#48

Acenaphthylene

Concen: 34.25 ng

RT: 14.37 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

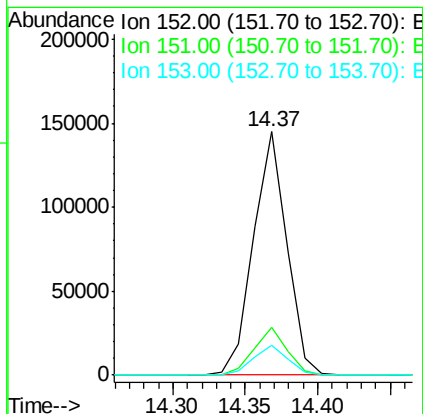
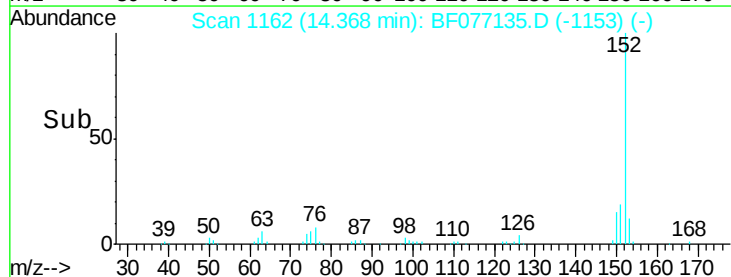
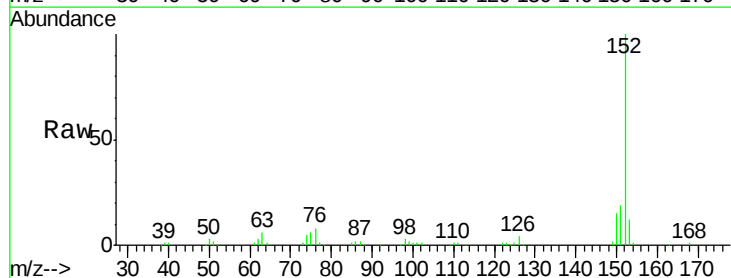
Tgt Ion: 152 Resp: 231555

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 37.74 ng

RT: 14.33 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampled :

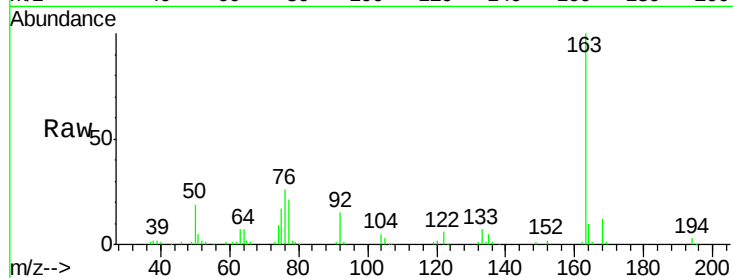
Tot Ion:163 Resp: 175809

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

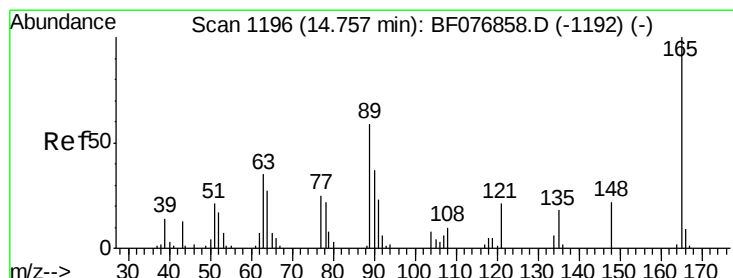
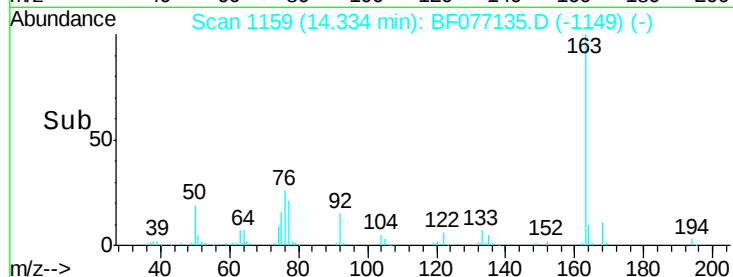
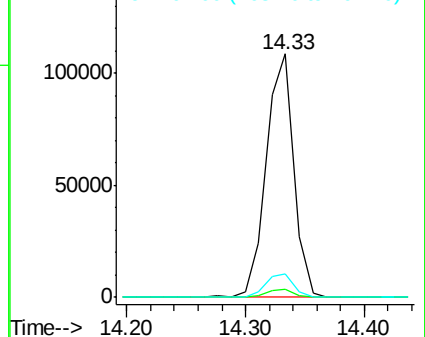
164 9.6 7.5 11.3



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: 39.19 ng

RT: 14.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

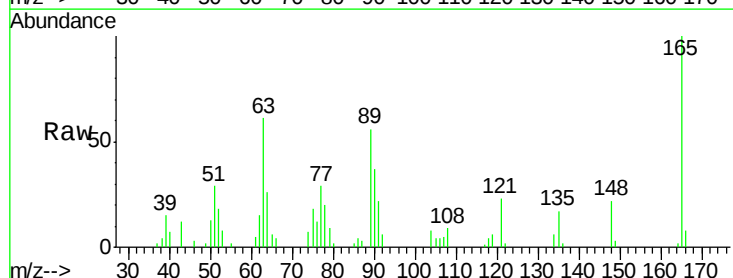
Tgt Ion:165 Resp: 36483

Ion Ratio Lower Upper

165 100

63 61.0 48.1 72.1

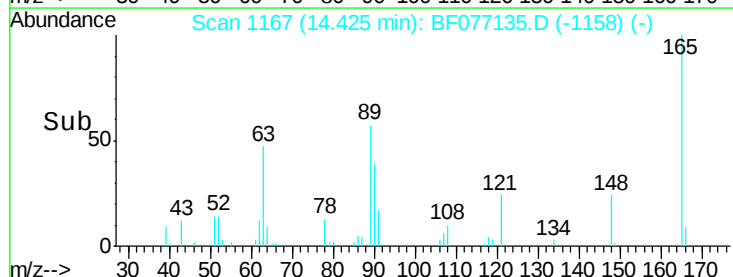
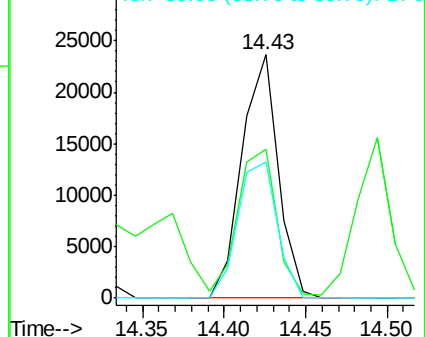
89 56.1 47.2 70.8

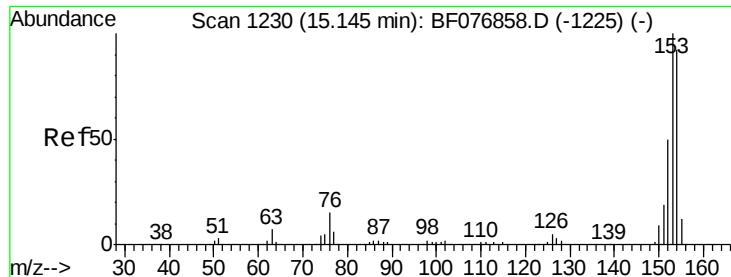


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.17 ng

RT: 14.79 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

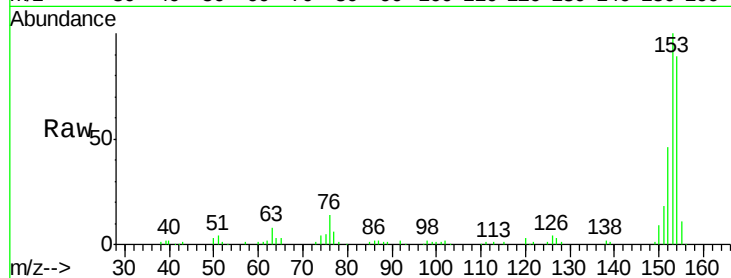
Tot Ion:154 Resp: 131075

Ion Ratio Lower Upper

154 100

153 112.1 87.0 130.6

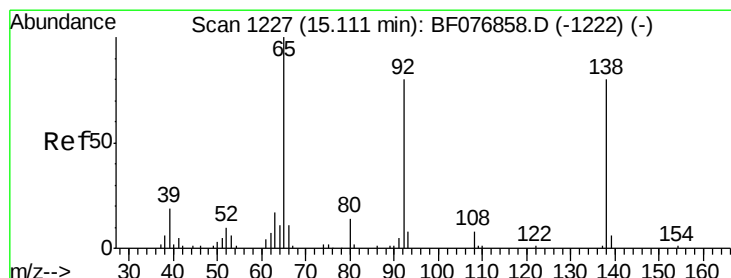
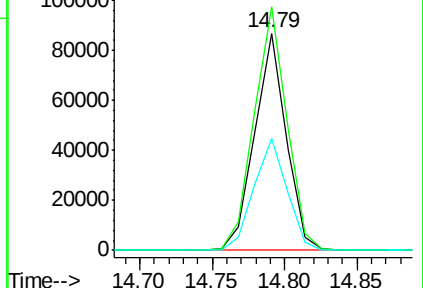
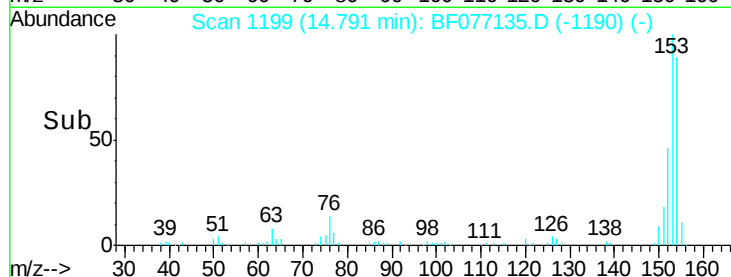
152 51.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.38 ng

RT: 14.78 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

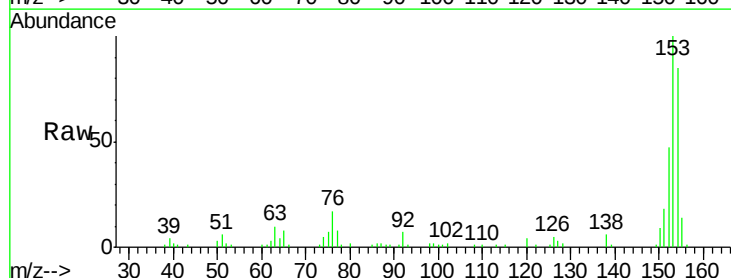
Tgt Ion:138 Resp: 7031

Ion Ratio Lower Upper

138 100

108 10.5 8.3 12.5

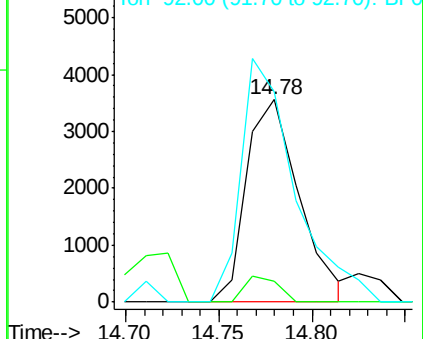
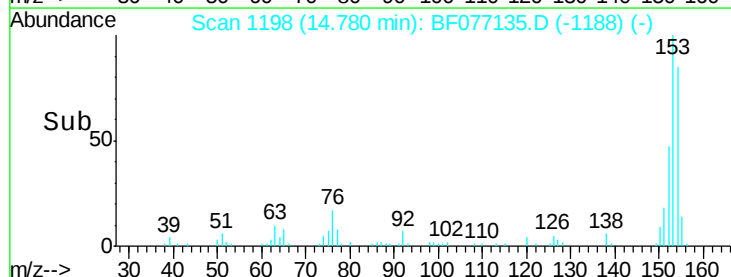
92 104.1 80.9 121.3



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

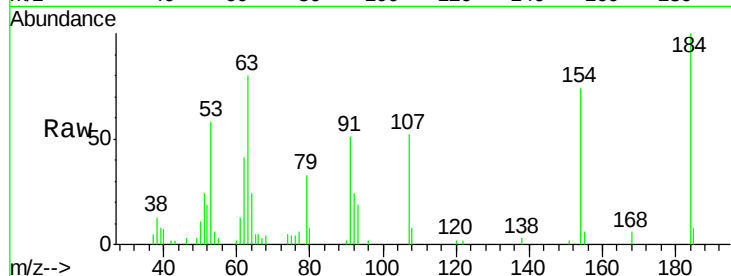




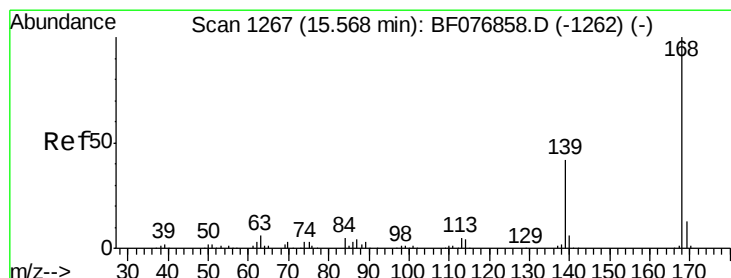
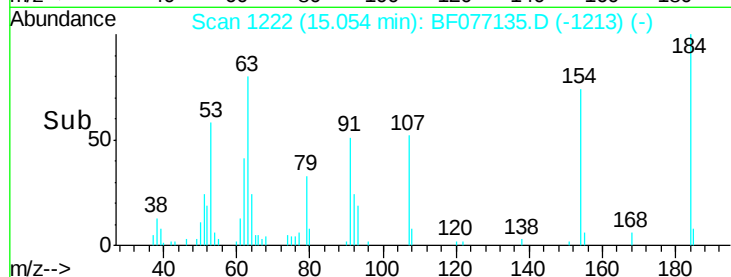
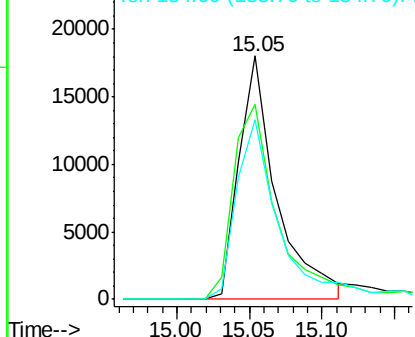
#53
2,4-Dinitrophenol
Concen: 75.39 ng
RT: 15.05 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 32583
Ion Ratio Lower Upper
184 100
63 80.1 63.0 94.6
154 73.5 65.5 98.3

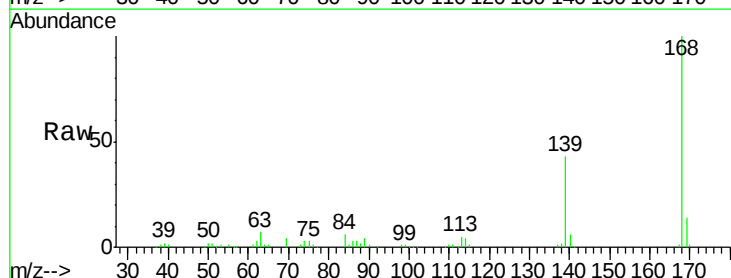


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

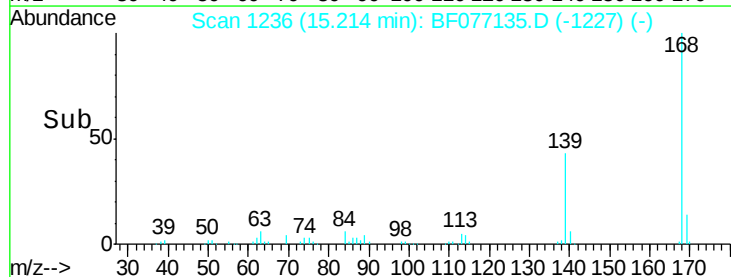
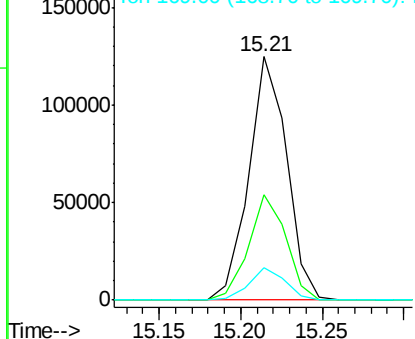


#54
Dibenzofuran
Concen: 35.94 ng
RT: 15.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:168 Resp: 200804
Ion Ratio Lower Upper
168 100
139 43.3 33.4 50.2
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

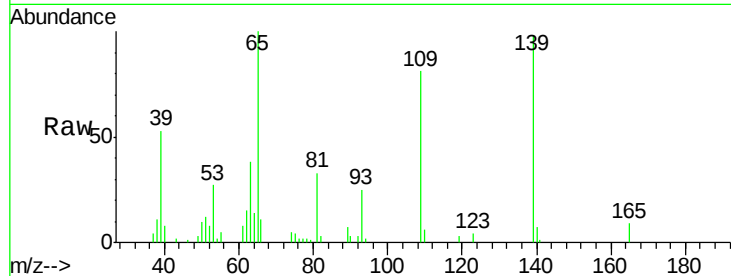




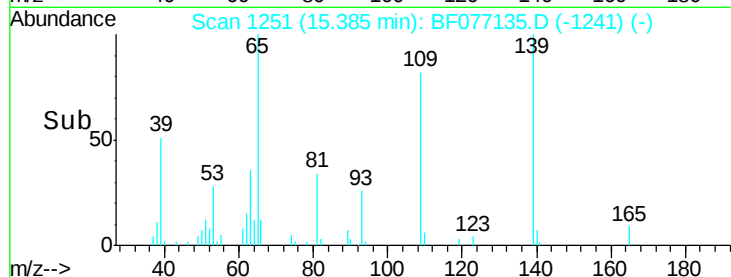
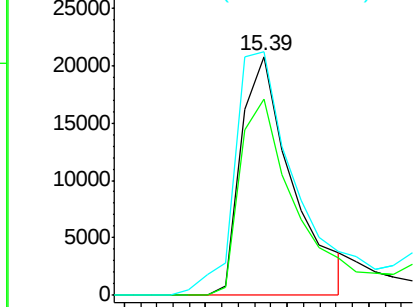
#55
4-Nitrophenol
Concen: 61.83 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 45156
Ion Ratio Lower Upper
139 100
109 82.2 61.0 101.0
65 102.1 96.6 136.6

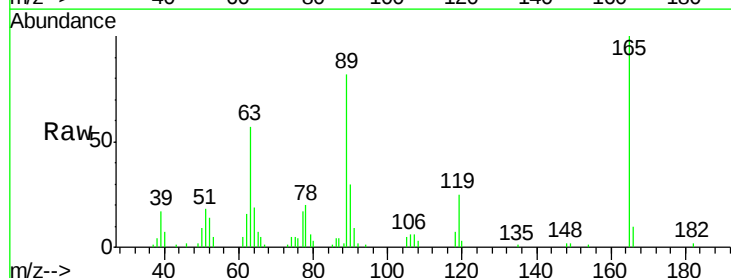


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

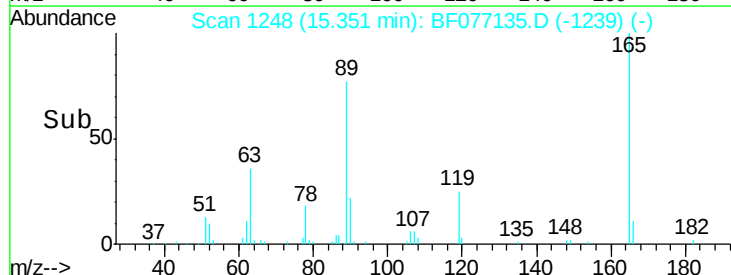
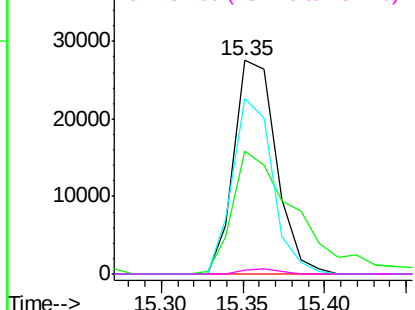


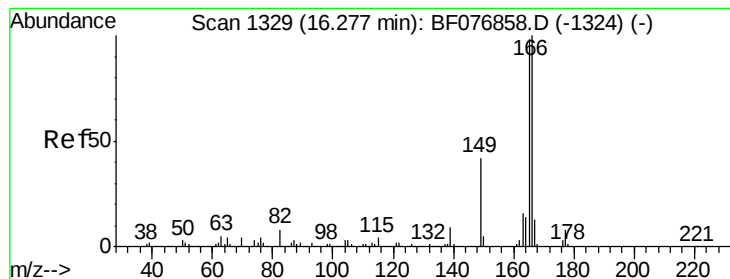
#56
2,4-Dinitrotoluene
Concen: 36.14 ng
RT: 15.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:165 Resp: 49672
Ion Ratio Lower Upper
165 100
63 57.3 44.8 67.2
89 82.1 56.2 84.2
182 1.9 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: 35.23 ng

RT: 15.98 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :

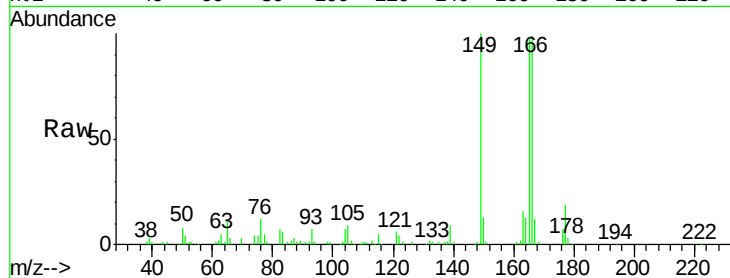
Tot Ion:166 Resp: 166777

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

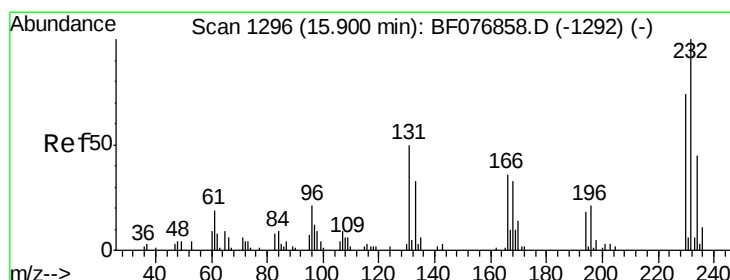
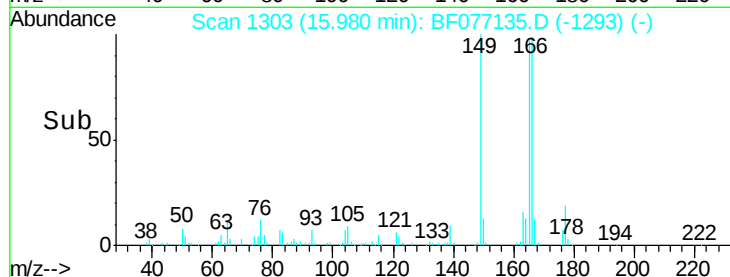
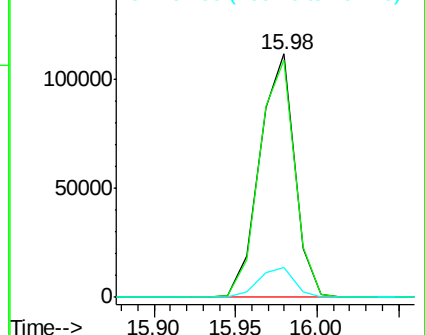
167 12.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.33 ng

RT: 15.58 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Tgt Ion:232 Resp: 34561

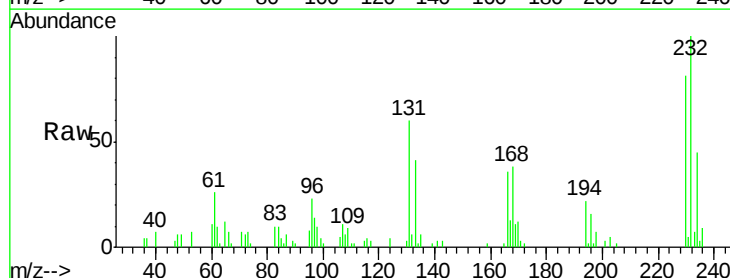
Ion Ratio Lower Upper

232 100

131 60.9 45.0 67.6

130 2.1 2.6 3.8#

166 37.4 30.9 46.3

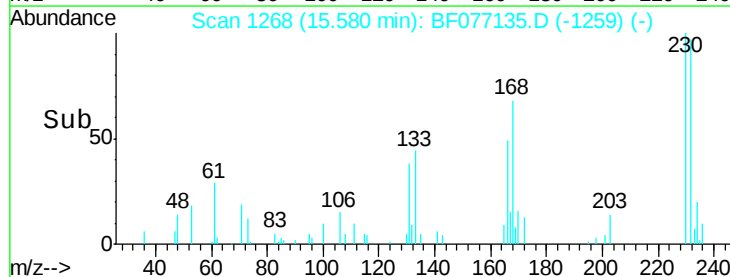
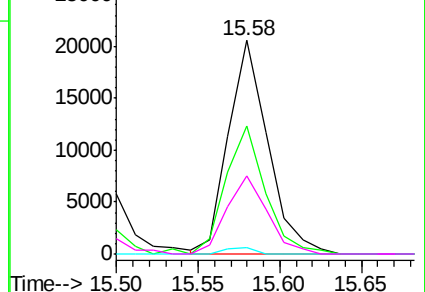


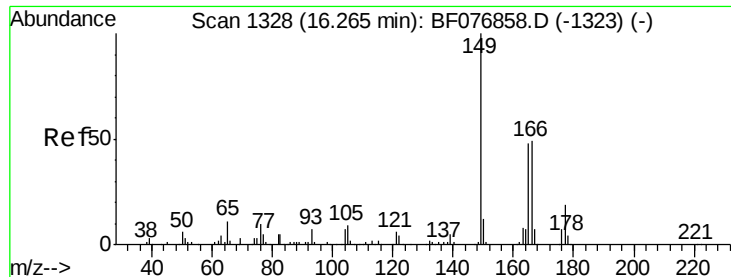
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

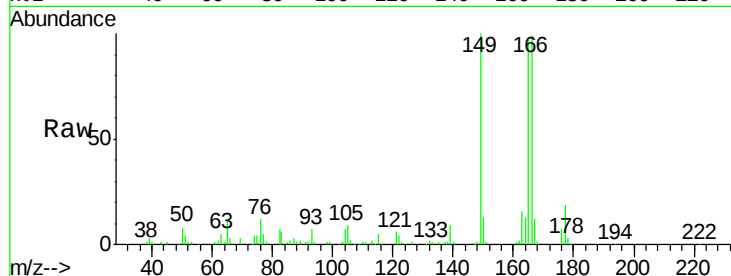




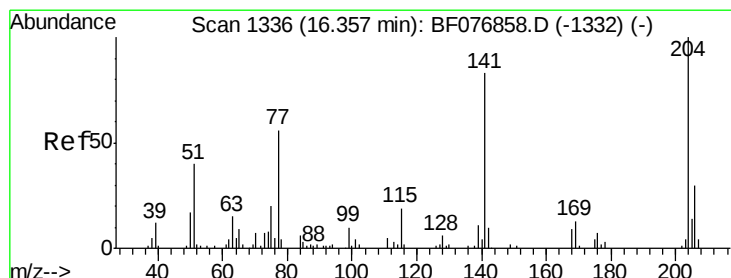
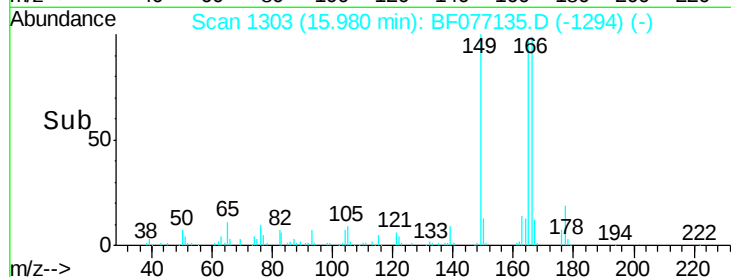
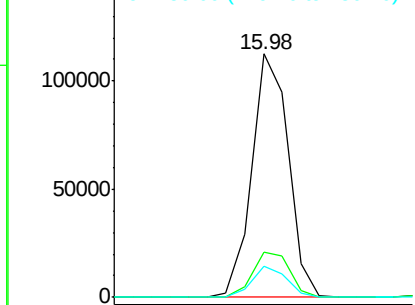
#59
Diethylphthalate
Concen: 37.12 ng
RT: 15.98 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 174762
Ion Ratio Lower Upper
149 100
177 18.6 15.0 22.6
150 12.7 9.4 14.0

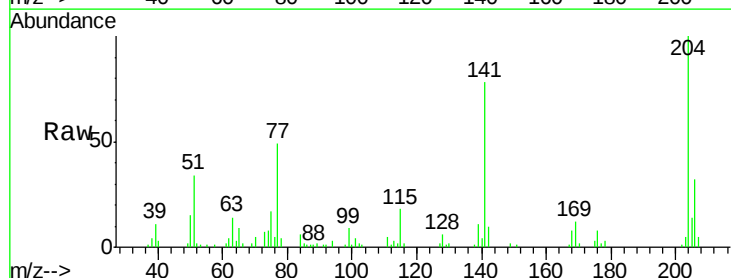


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

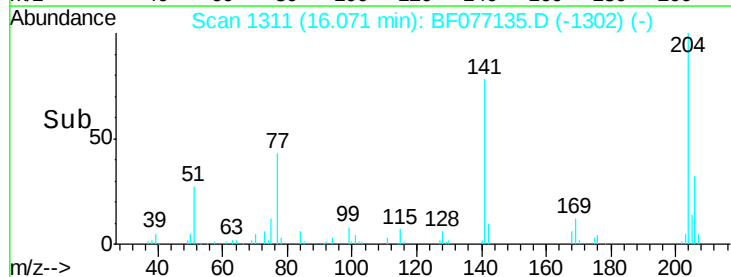
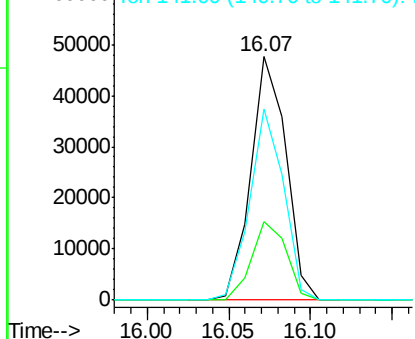


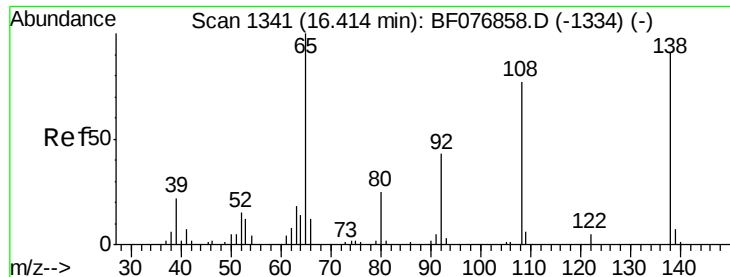
#60
4-Chlorophenyl-phenylether
Concen: 36.84 ng
RT: 16.07 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:204 Resp: 71343
Ion Ratio Lower Upper
204 100
206 32.3 24.2 36.2
141 78.3 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

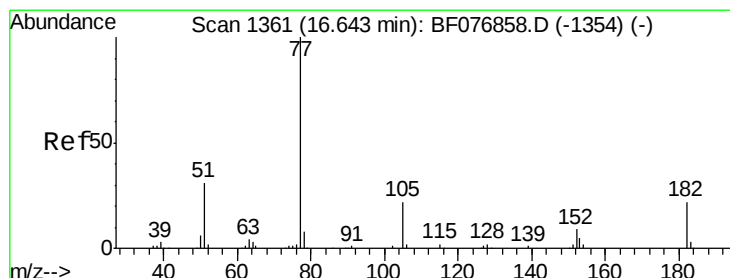
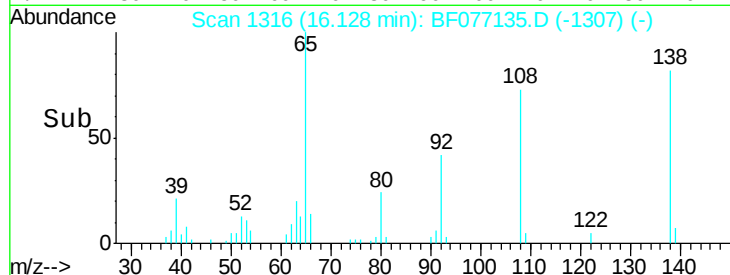
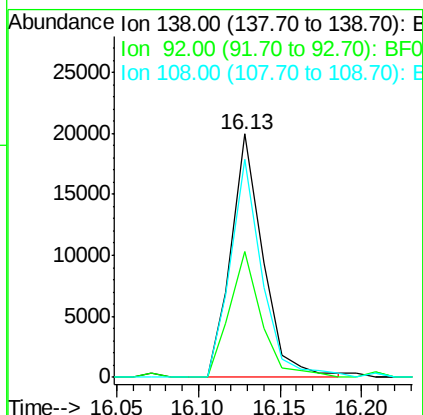
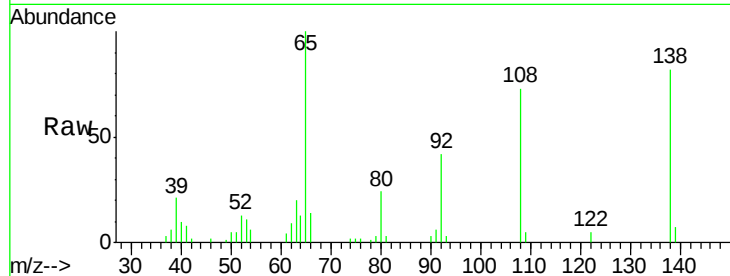




#61
4-Nitroaniline
Concen: 23.92 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

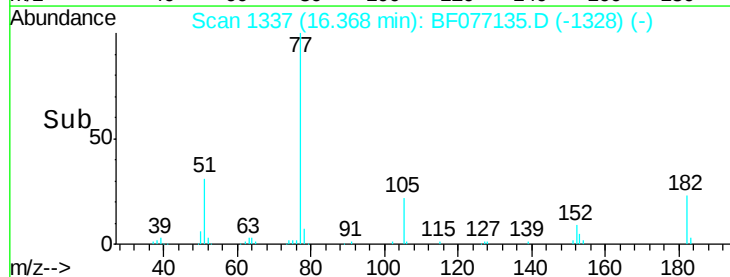
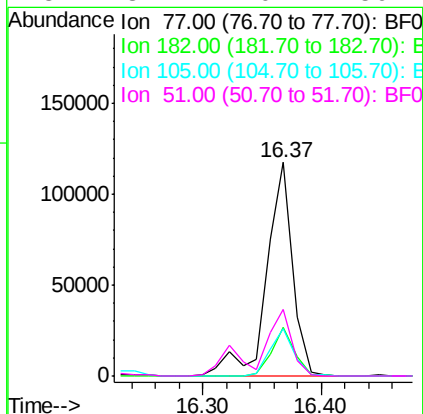
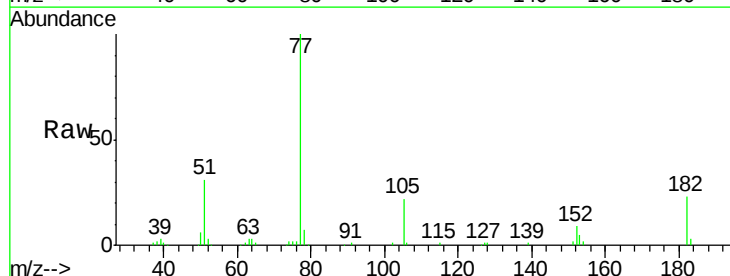
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 27200
Ion Ratio Lower Upper
138 100
92 51.5 26.7 66.7
108 89.7 64.5 104.5



#62
Azobenzene
Concen: 36.35 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion: 77 Resp: 178332
Ion Ratio Lower Upper
77 100
182 22.7 2.0 42.0
105 22.1 2.3 42.3
51 31.1 10.7 50.7

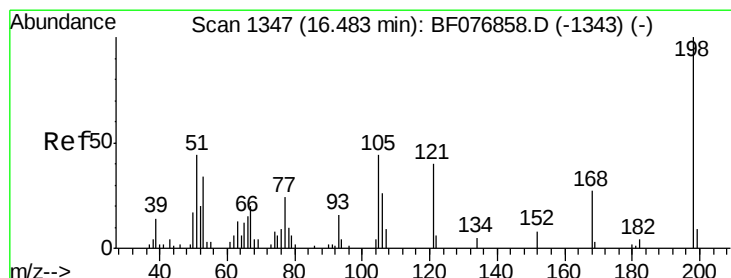
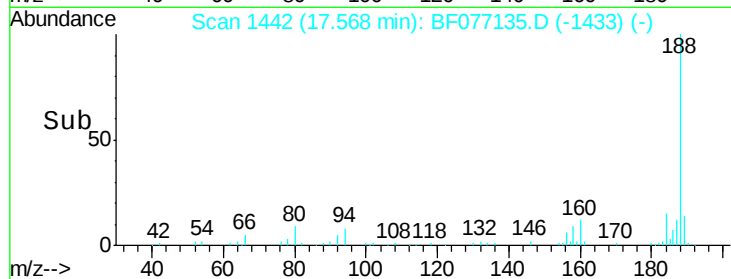
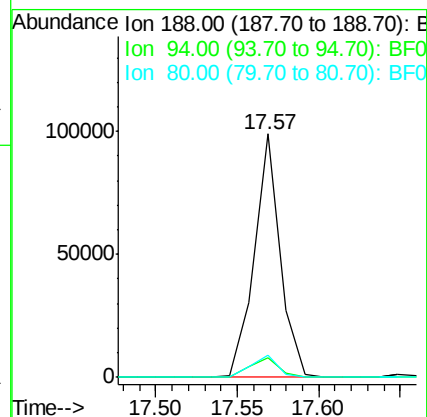
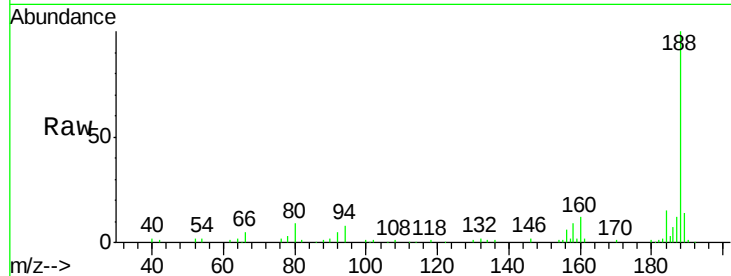




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

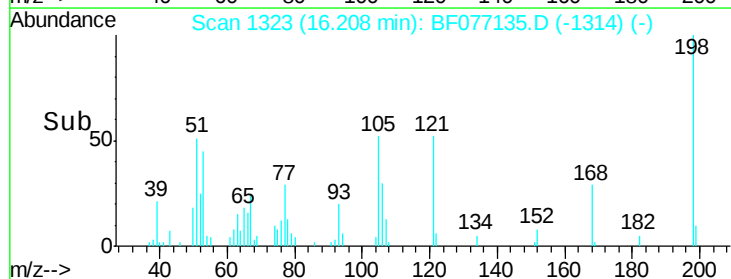
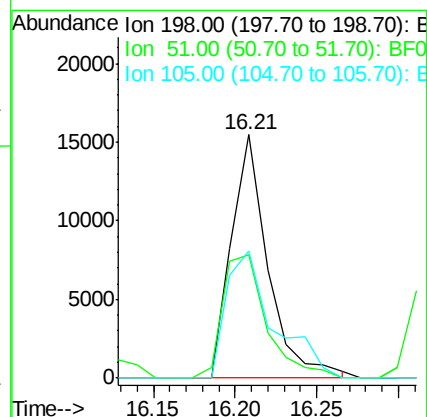
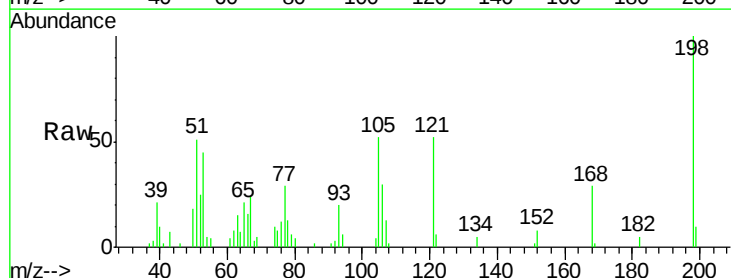
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 108250
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.0 9.0
 80 9.2 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.36 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:198 Resp: 23946
 Ion Ratio Lower Upper
 198 100
 51 50.6 24.2 64.2
 105 52.0 24.0 64.0

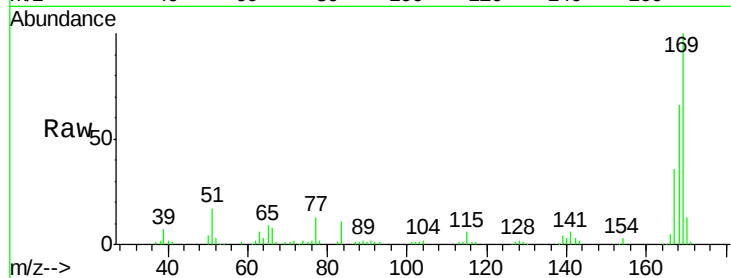




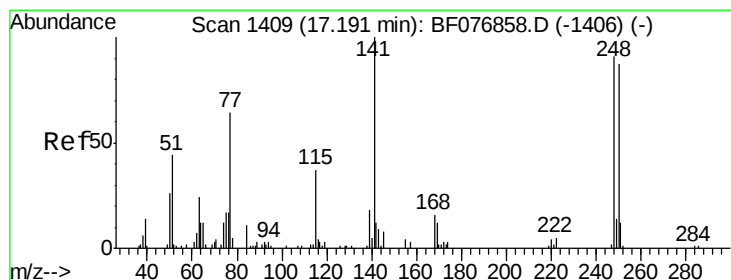
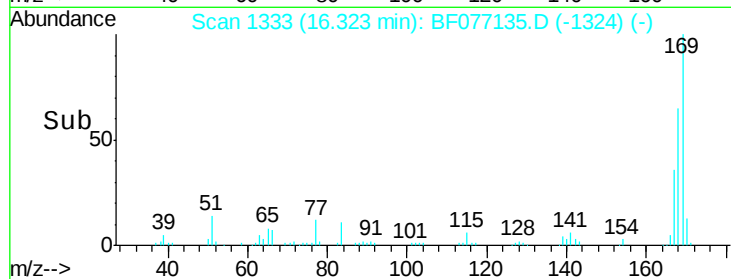
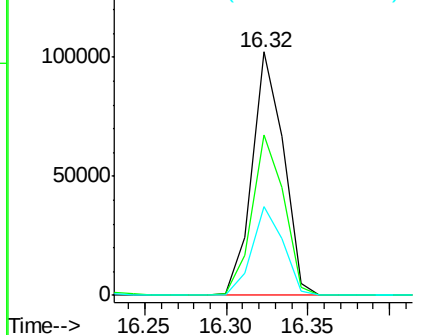
#65
 n-Nitrosodiphenylamine
 Concen: 35.54 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 137161
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.8 80.6
 167 36.3 27.8 41.6

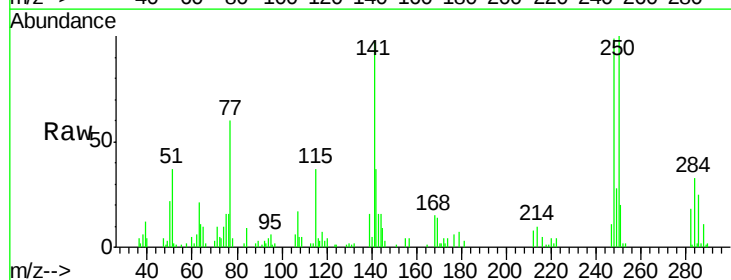


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

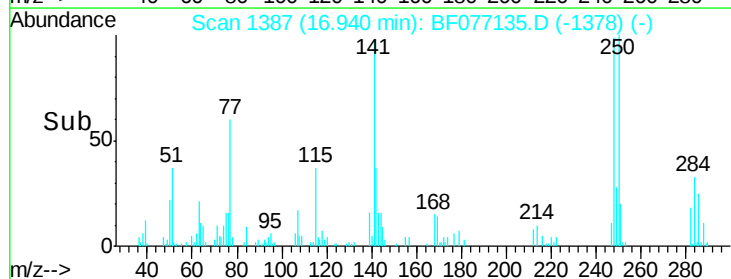
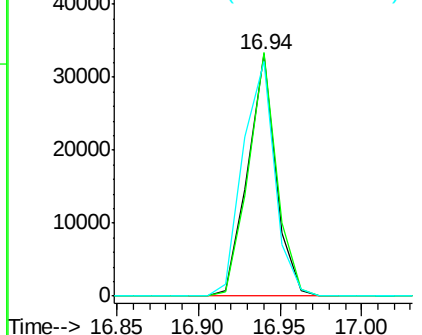


#66
 4-Bromophenyl-phenylether
 Concen: 36.29 ng
 RT: 16.94 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:248 Resp: 39801
 Ion Ratio Lower Upper
 248 100
 250 100.6 77.1 115.7
 141 97.1 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

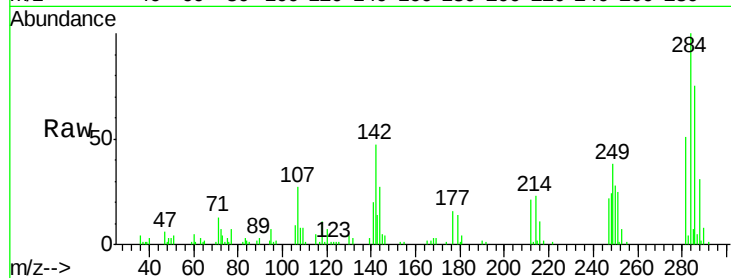




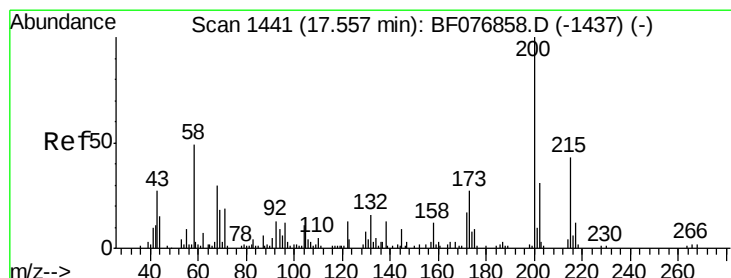
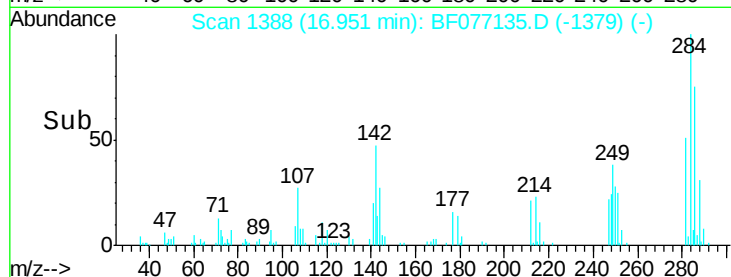
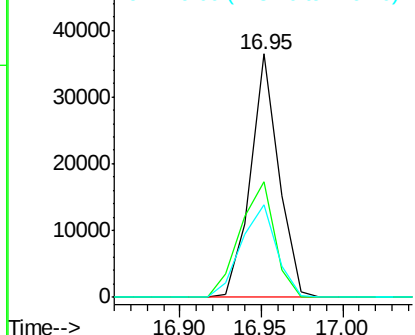
#67
Hexachlorobenzene
Concen: 37.95 ng
RT: 16.95 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 43861
Ion Ratio Lower Upper
284 100
142 47.5 38.2 57.4
249 38.2 28.2 42.2

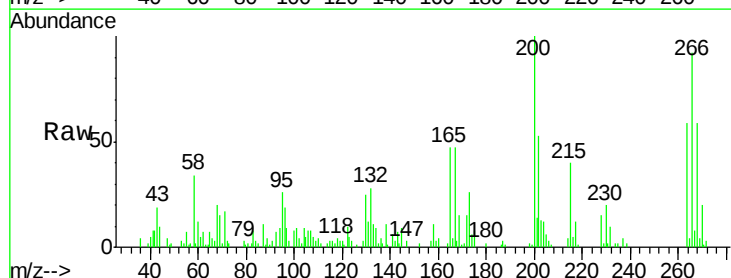


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

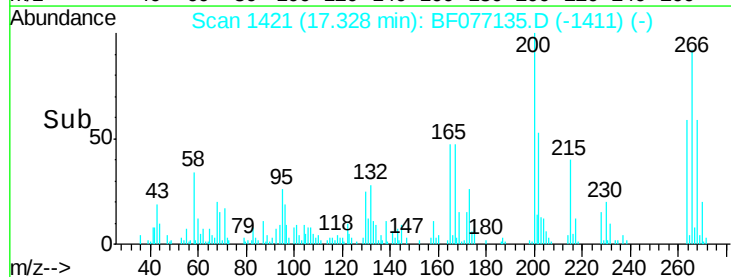
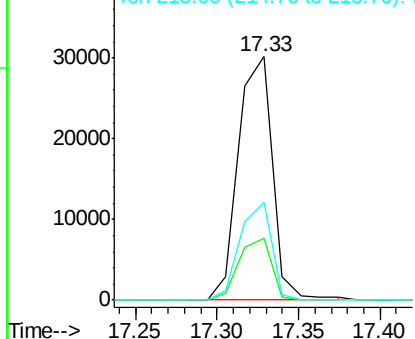


#68
Atrazine
Concen: 37.41 ng
RT: 17.33 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:200 Resp: 43814
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 40.0 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

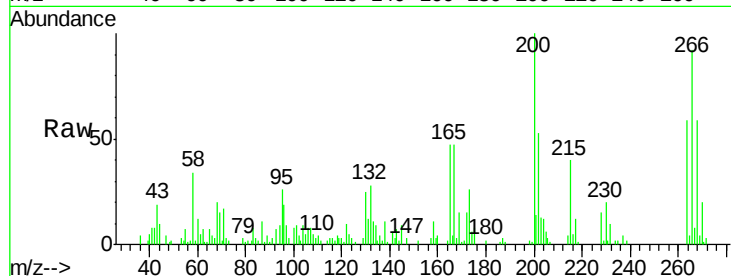




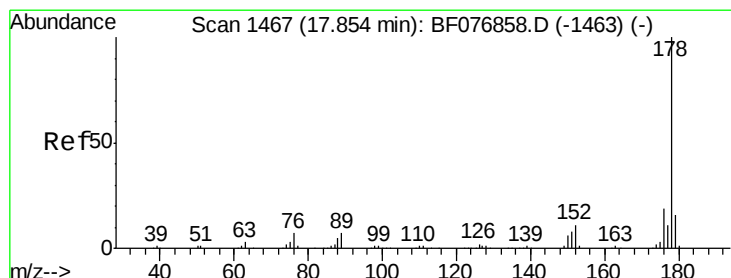
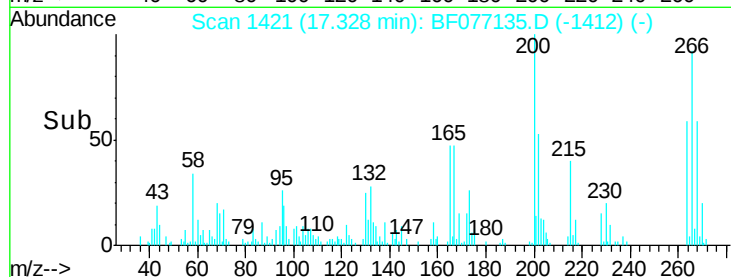
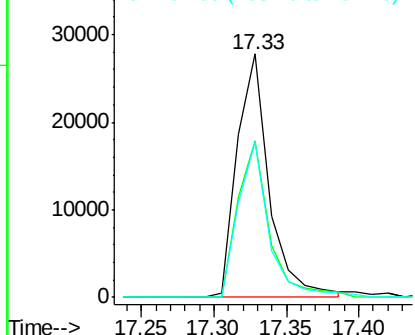
#69
 Pentachlorophenol
 Concen: 80.38 ng
 RT: 17.33 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 42629
 Ion Ratio Lower Upper
 266 100
 268 64.4 48.6 72.8
 264 63.6 49.5 74.3

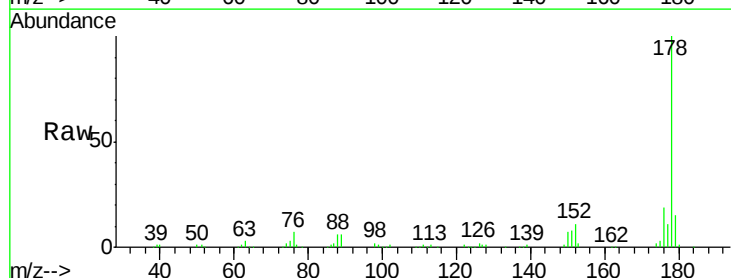


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

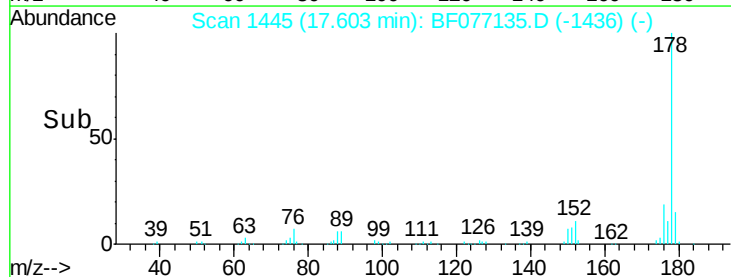
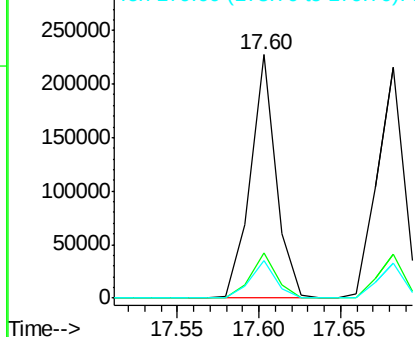


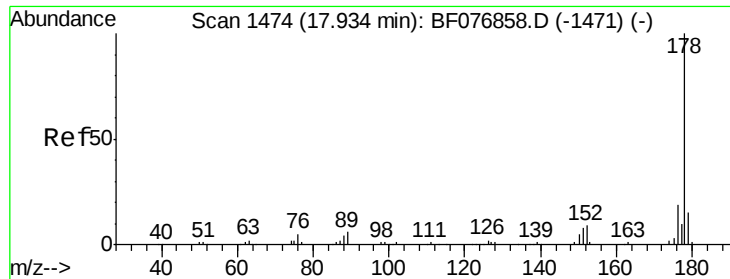
#70
 Phenanthrene
 Concen: 36.68 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:178 Resp: 247606
 Ion Ratio Lower Upper
 178 100
 176 18.5 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

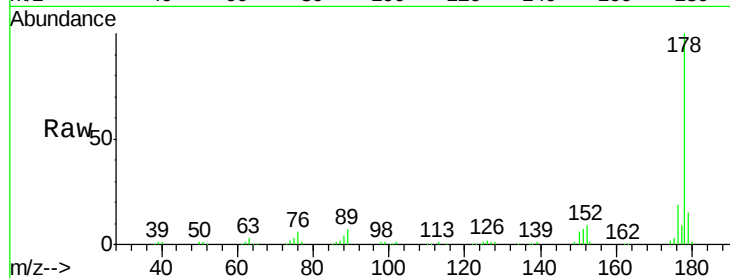




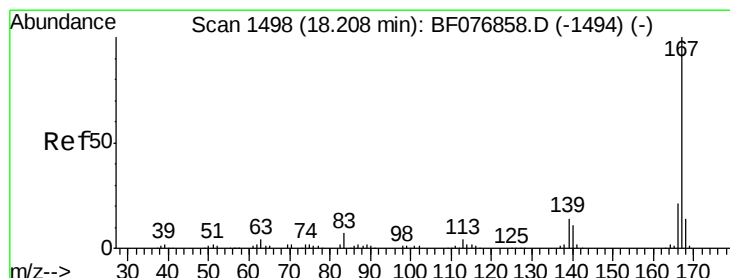
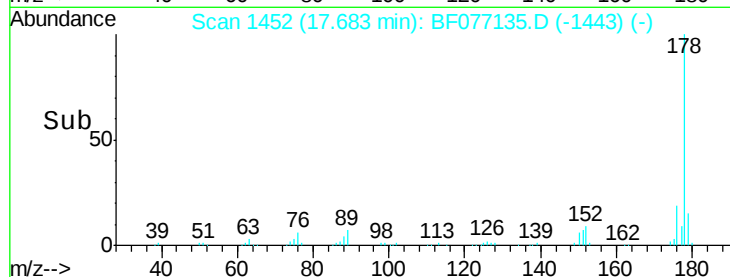
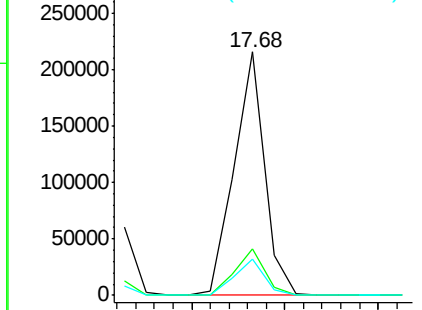
#71
 Anthracene
 Concen: 37.54 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 247128
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.2 11.9 17.9

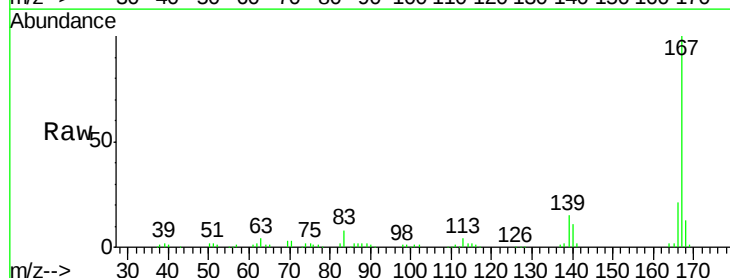


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

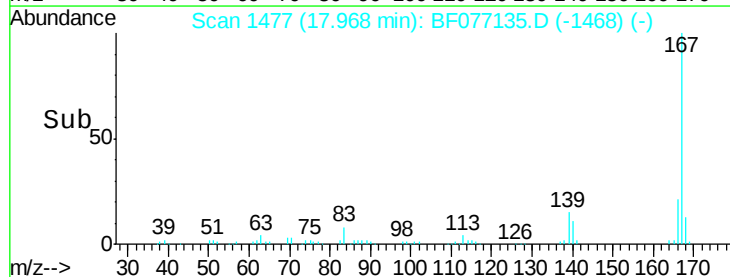
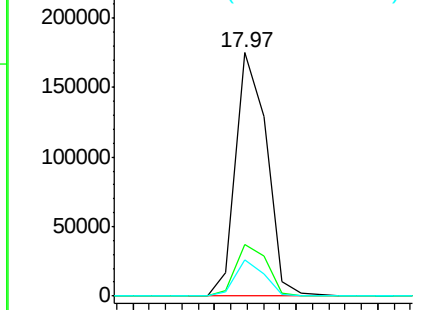


#72
 Carbazole
 Concen: 36.06 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:167 Resp: 230221
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 14.9 11.3 16.9



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

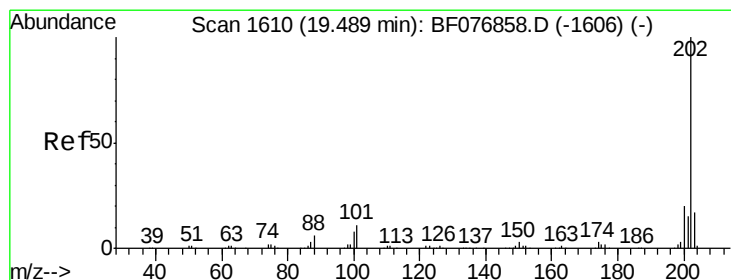
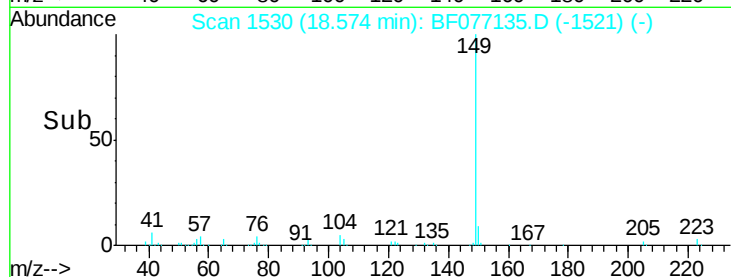
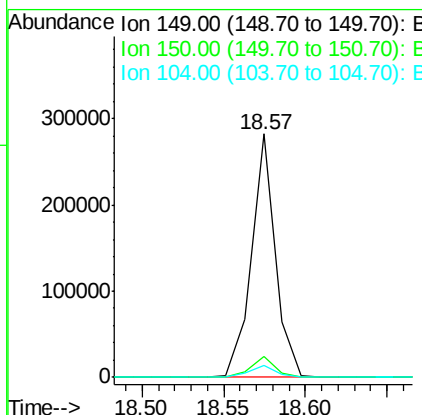
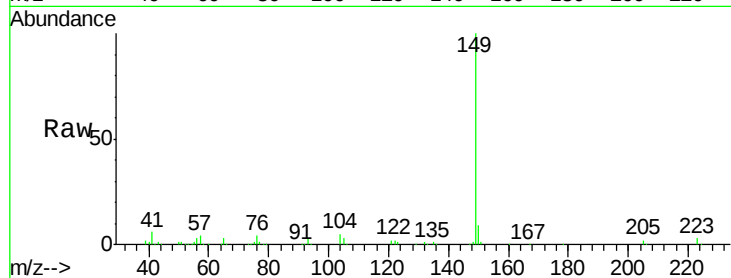




#73
Di-n-butylphthalate
Concen: 38.74 ng
RT: 18.57 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

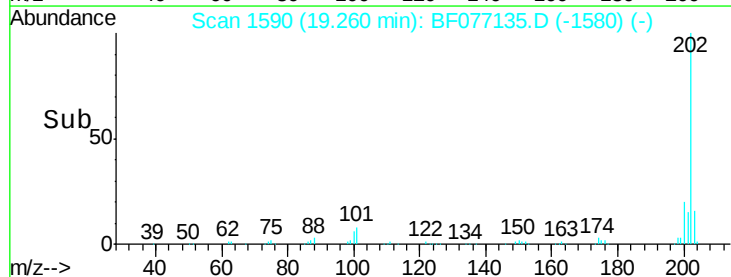
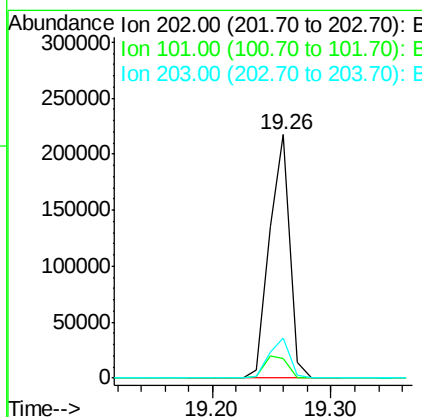
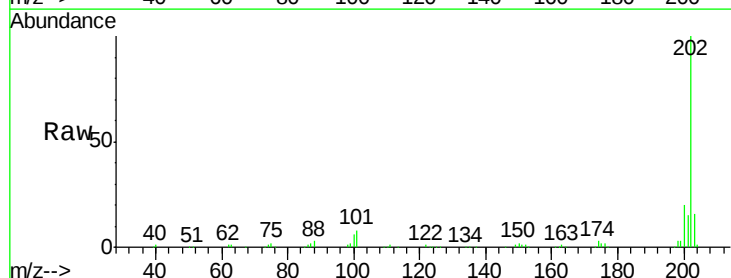
Instrument :
BNA_F
ClientSampleId :

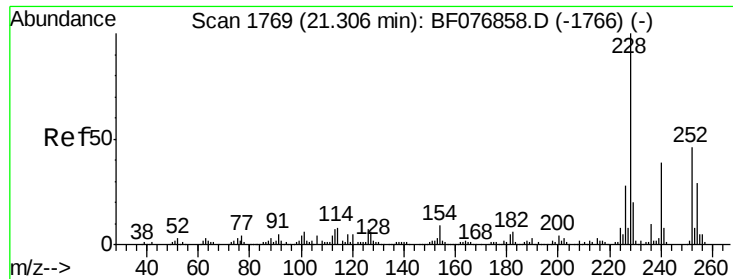
Tot Ion:149 Resp: 286303
Ion Ratio Lower Upper
149 100
150 8.6 6.9 10.3
104 4.7 3.7 5.5



#74
Fluoranthene
Concen: 37.31 ng
RT: 19.26 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:202 Resp: 258058
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.7
203 16.4 0.0 36.9

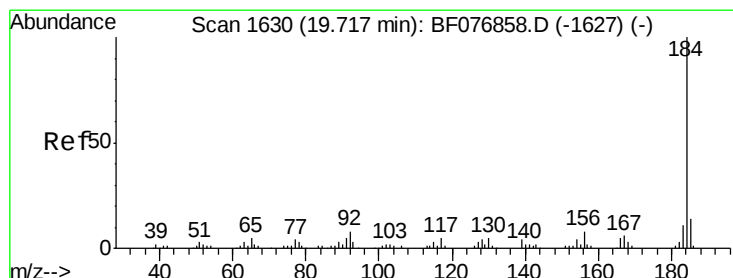
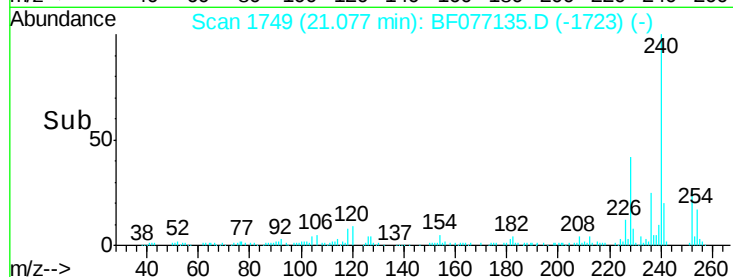
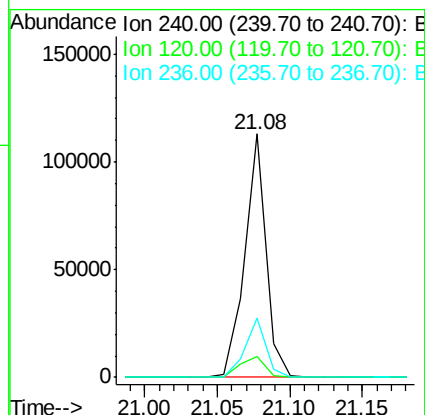
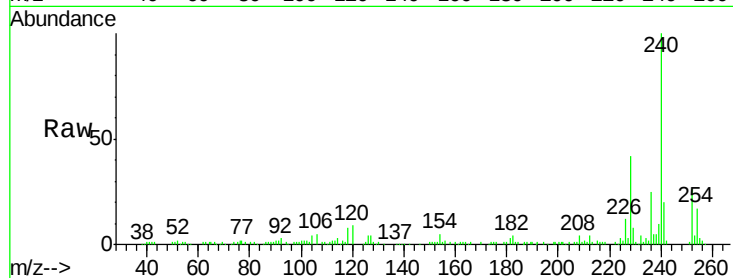




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

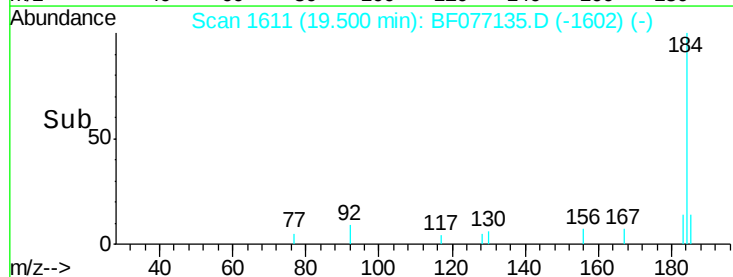
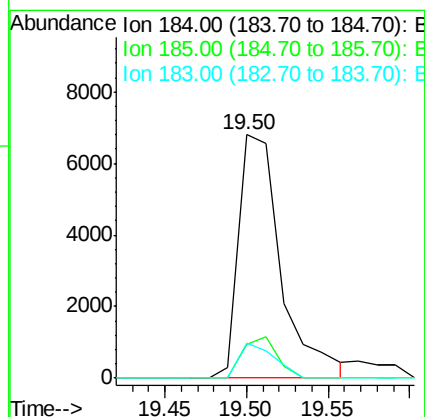
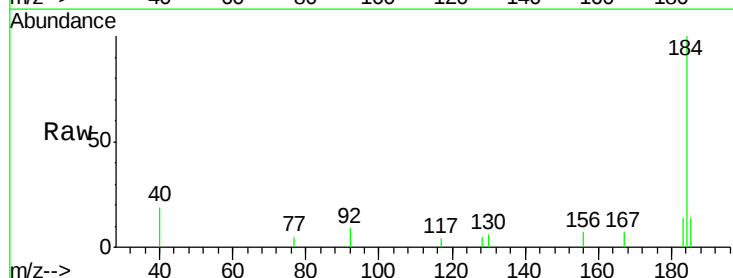
Instrument :
BNA_F
ClientSampleId :

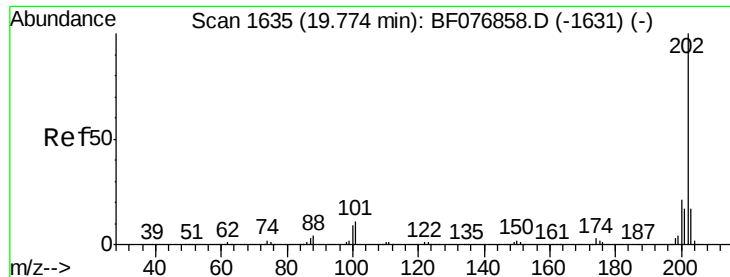
Tot Ion:240 Resp: 115327
Ion Ratio Lower Upper
240 100
120 8.8 10.4 15.6#
236 24.5 20.2 30.2



#76
Benzidine
Concen: 3.32 ng
RT: 19.50 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:184 Resp: 12257
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 14.2 9.0 13.6#

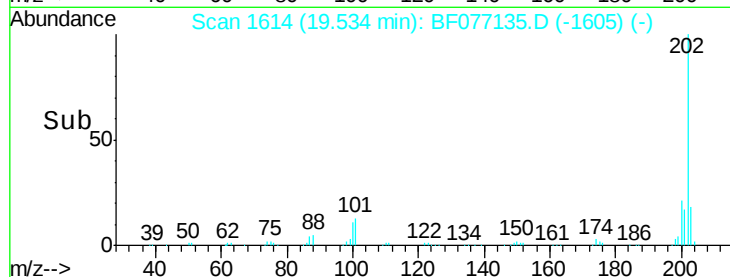
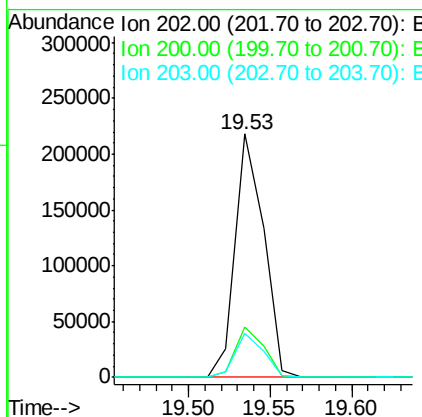
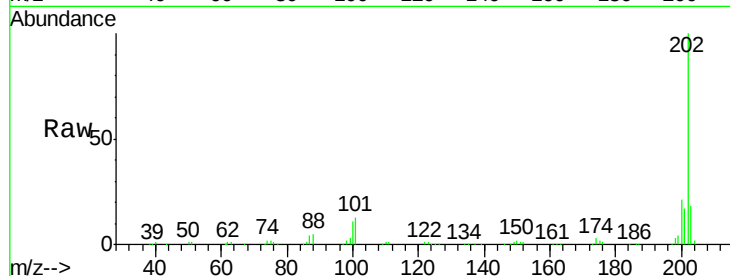




#77
 Pvrene
 Concen: 33.33 ng
 RT: 19.53 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

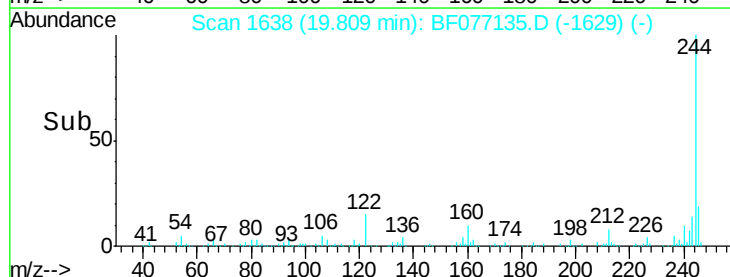
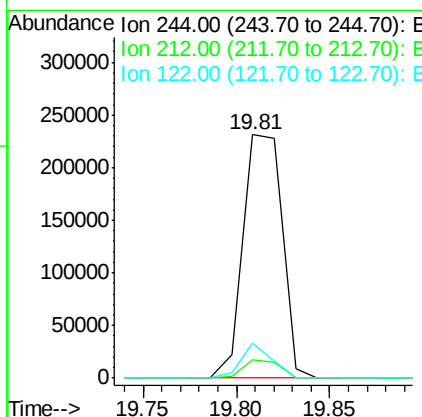
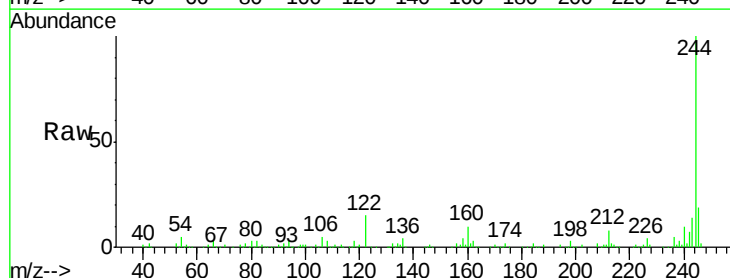
Instrument :
 BNA_F
 ClientSampleId :

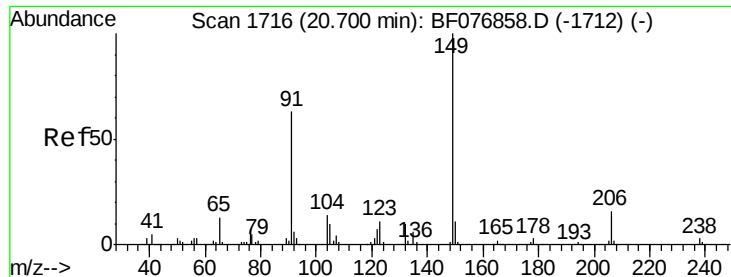
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	18.0	14.0	21.0



#78
 Terphenyl-d14
 Concen: 67.07 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	14.5	10.1	15.1

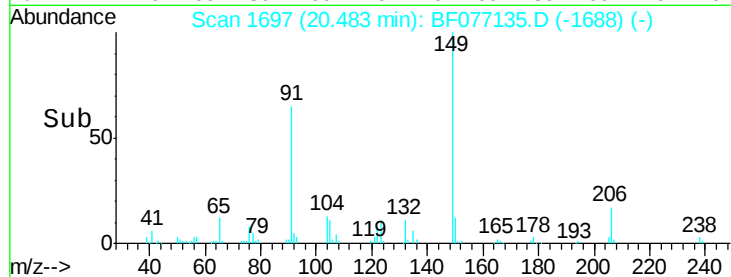
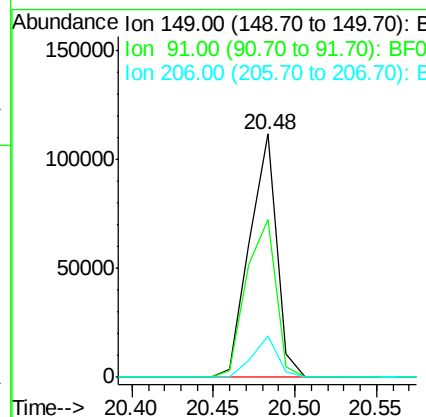
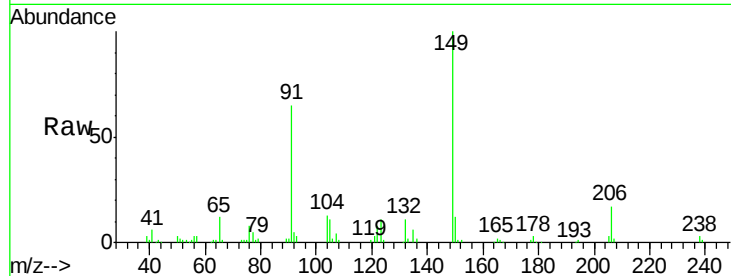




#79
Butylbenzylphthalate
Concen: 36.00 ng
RT: 20.48 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

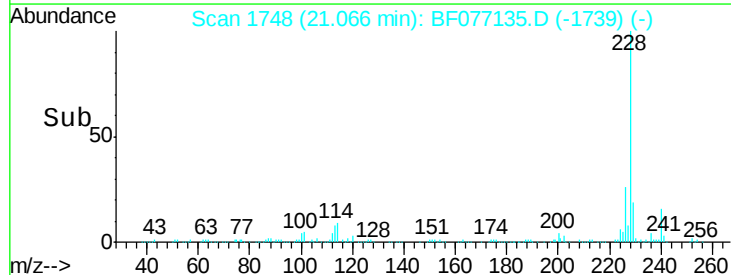
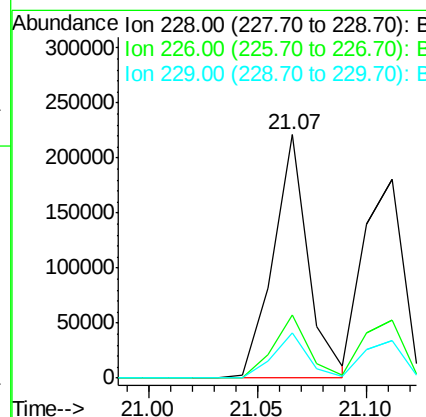
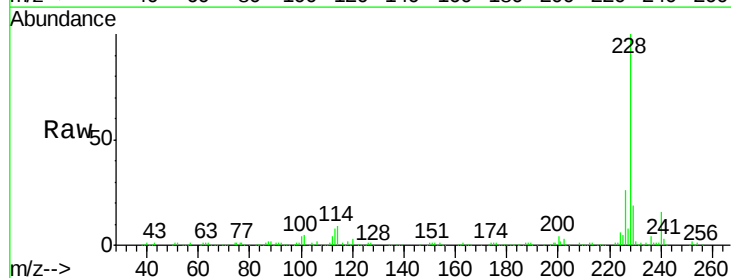
Instrument :
BNA_F
ClientSampleId :

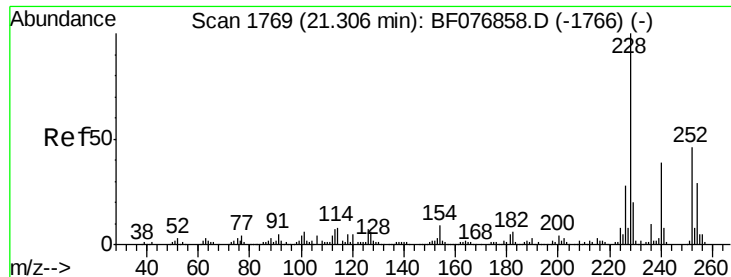
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	50.6	76.0
206	17.2	12.8	19.2



#80
Benzo(a)anthracene
Concen: 34.38 ng
RT: 21.07 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	18.8	15.5	23.3

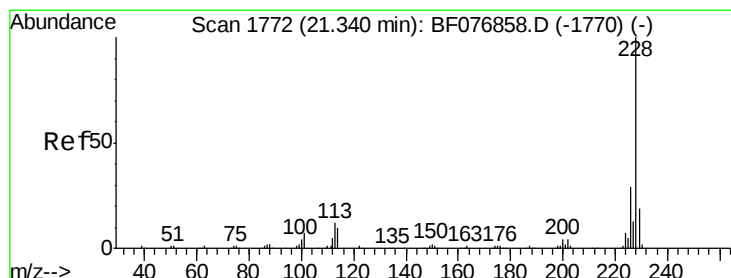
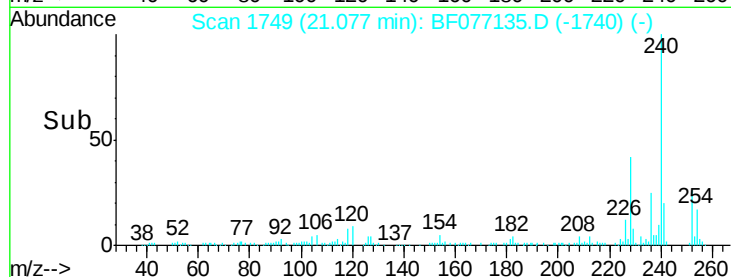
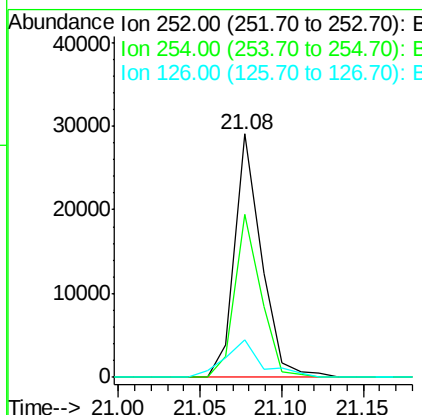
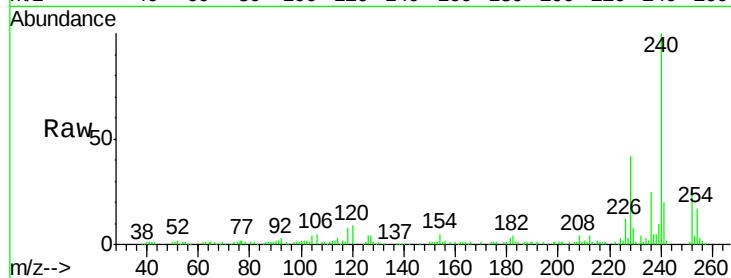




#81
 3,3'-Dichlorobenzidine
 Concen: 14.35 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

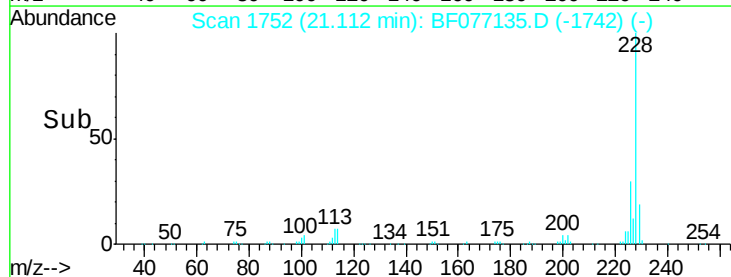
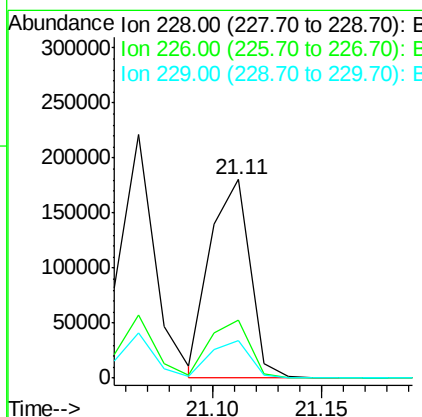
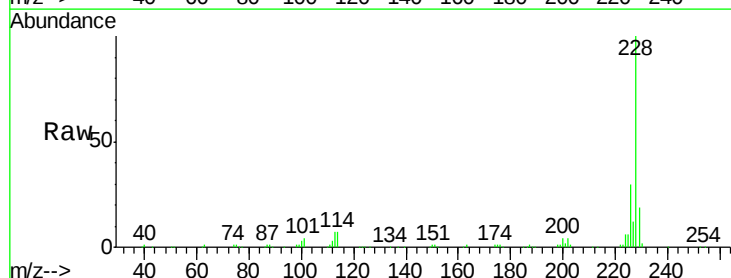
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 32994
 Ion Ratio Lower Upper
 252 100
 254 66.8 50.2 75.4
 126 15.3 11.5 17.3



#82
 Chrysene
 Concen: 34.65 ng
 RT: 21.11 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:228 Resp: 228653
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.4 35.0
 229 19.2 15.4 23.0

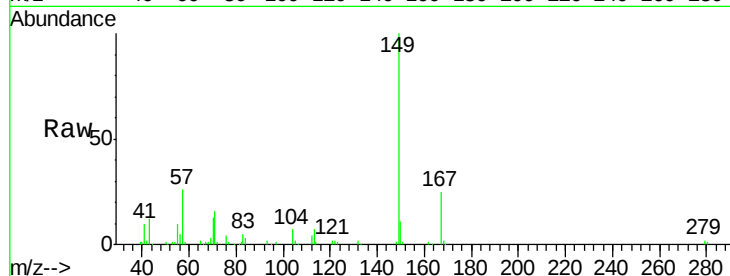




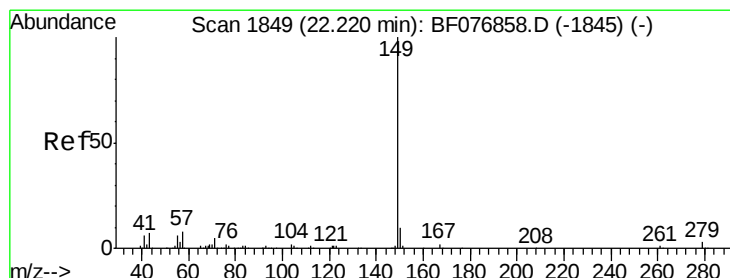
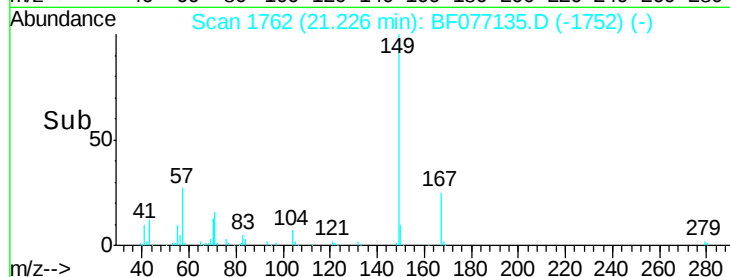
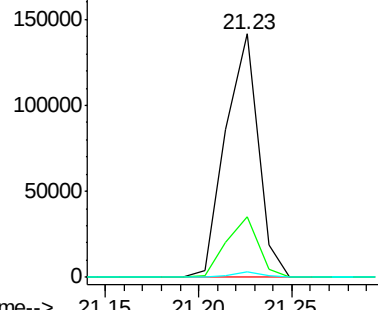
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.78 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 172262
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.6 30.8
 279 2.5 2.2 3.2

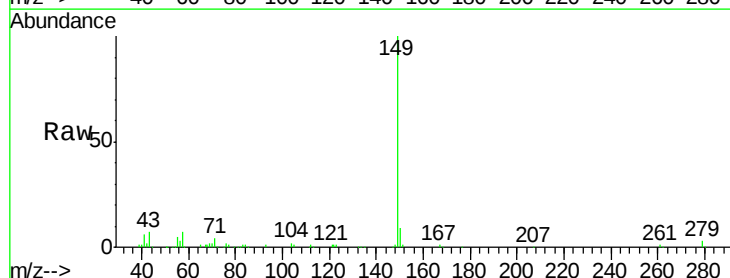


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

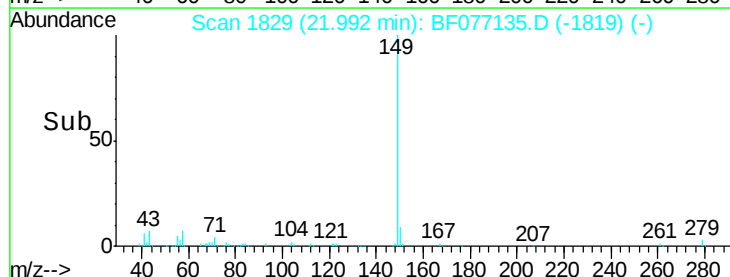
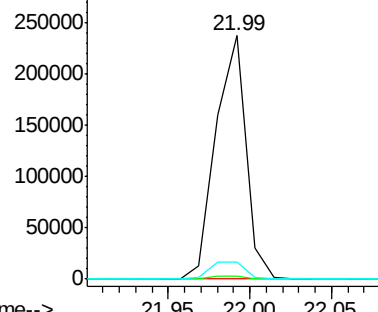


#84
 Di-n-octyl phthalate
 Concen: 35.35 ng
 RT: 21.99 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF077135.D
 Acq: 29 Jan 2015 21:39

Tgt Ion:149 Resp: 303865
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 8.6 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

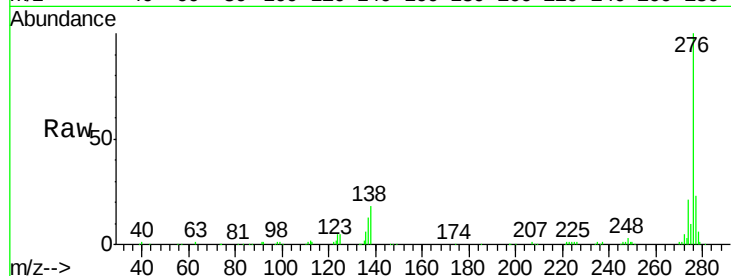




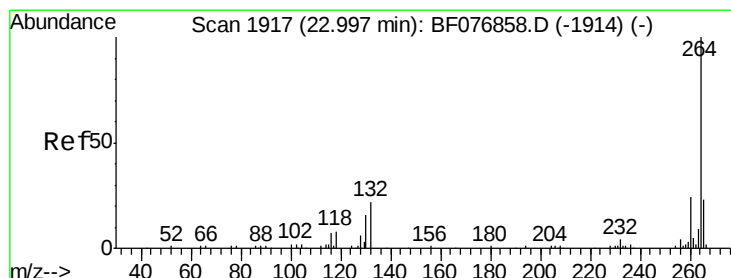
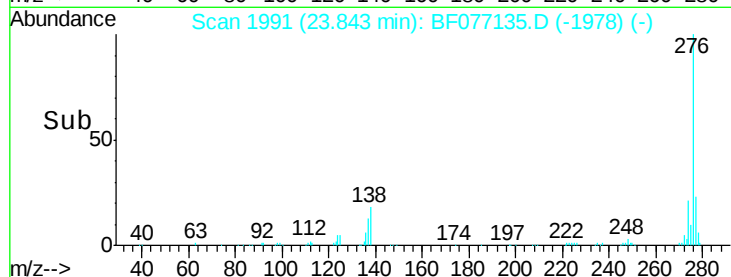
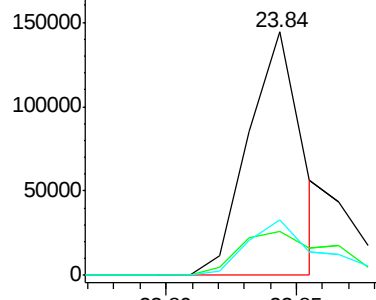
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.19 ng
RT: 23.84 min Scan# 1991
Delta R.T. 0.05 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 204107
Ion Ratio Lower Upper
276 100
138 23.4 14.6 22.0#
277 23.5 14.8 22.2#

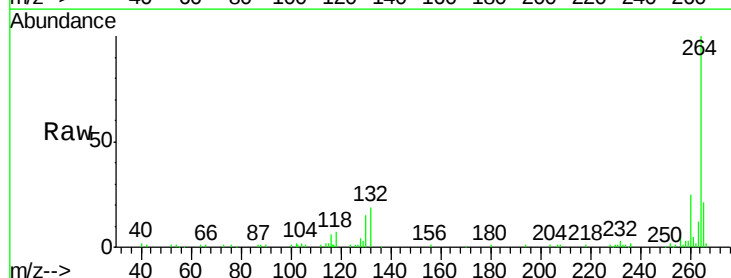


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

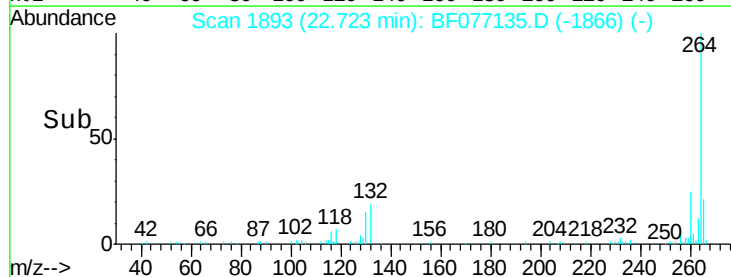
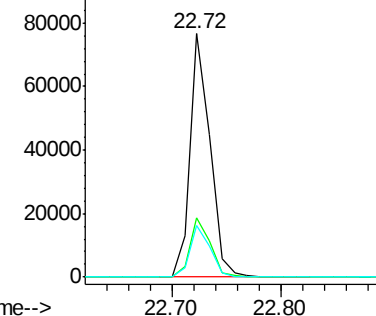


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.72 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:264 Resp: 98084
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 21.0 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

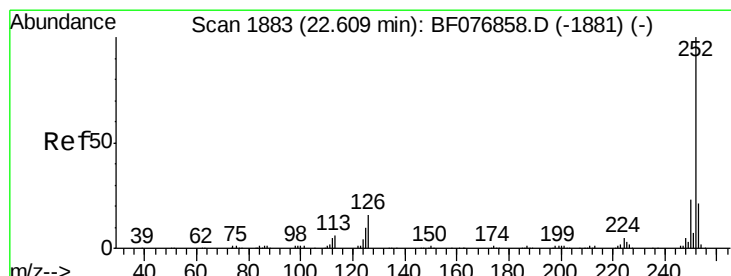
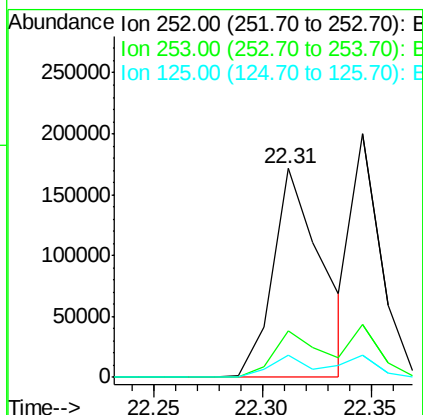
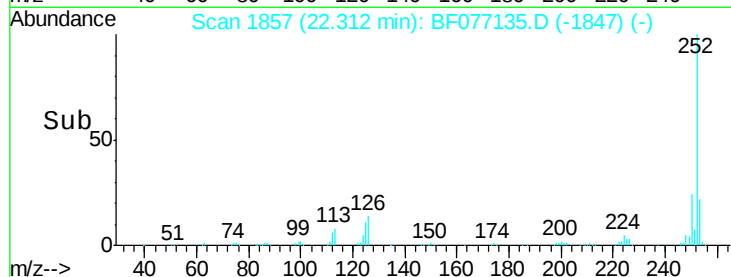
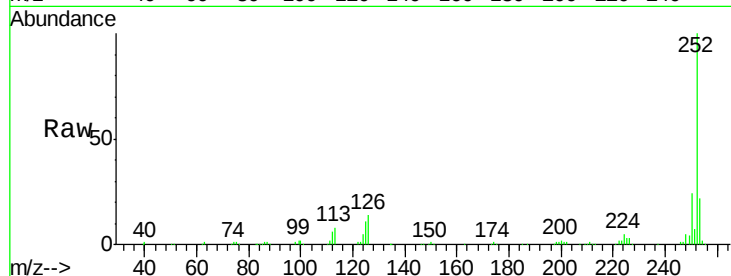




#87
Benzo(b)fluoranthene
Concen: 40.79 ng
RT: 22.31 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

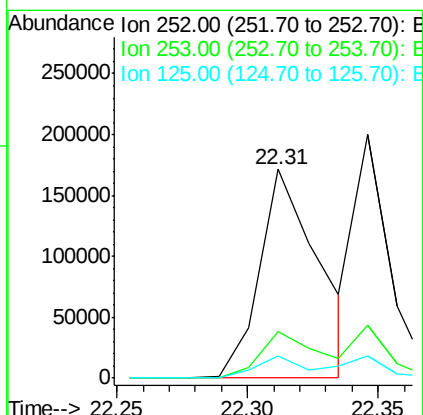
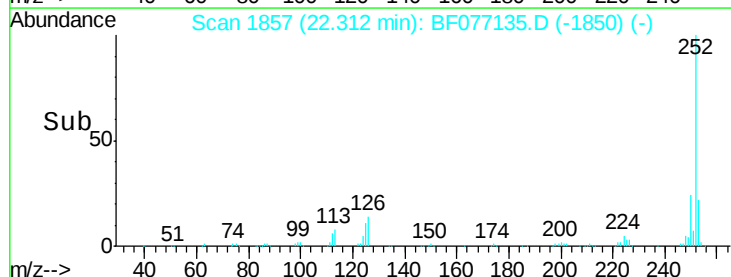
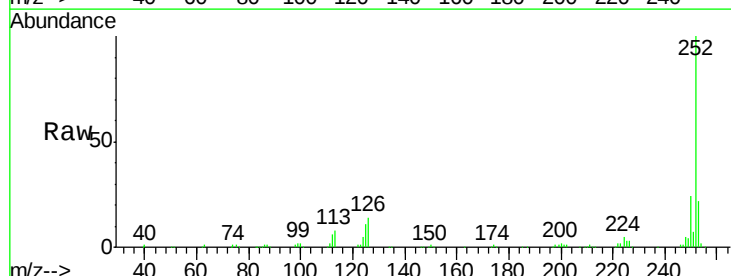
Instrument :
BNA_F
ClientSampled :

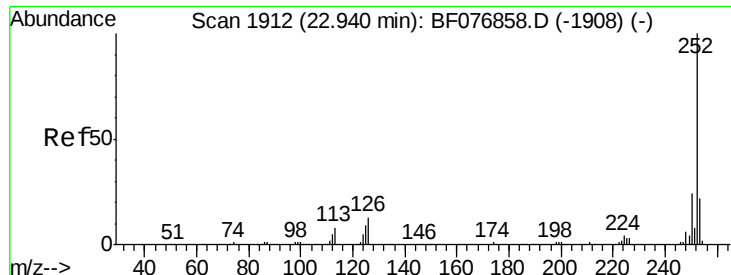
Tot Ion:252 Resp: 269479
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 46.70 ng
RT: 22.31 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:252 Resp: 269532
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.5 7.1 10.7

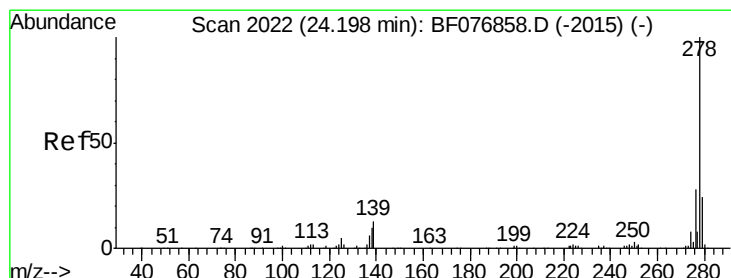
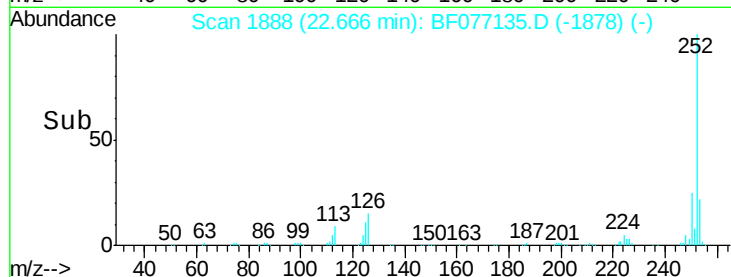
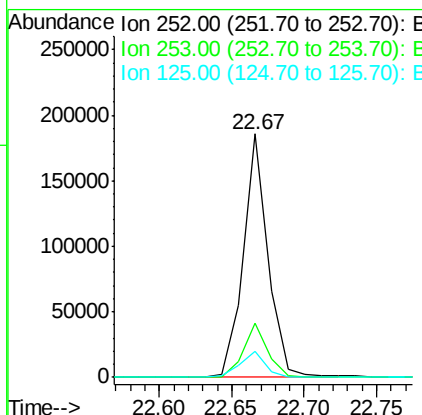
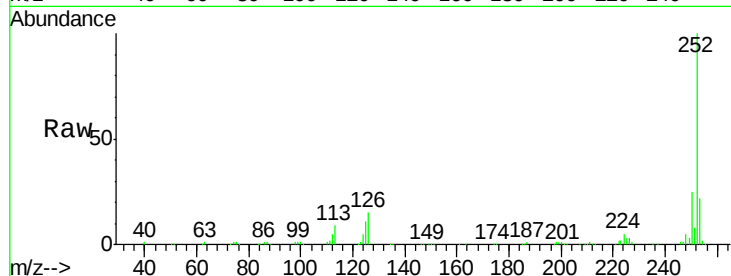




#89
Benzo(a)pyrene
Concen: 37.56 ng
RT: 22.67 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

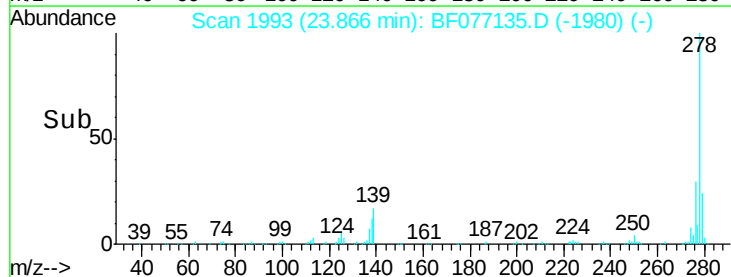
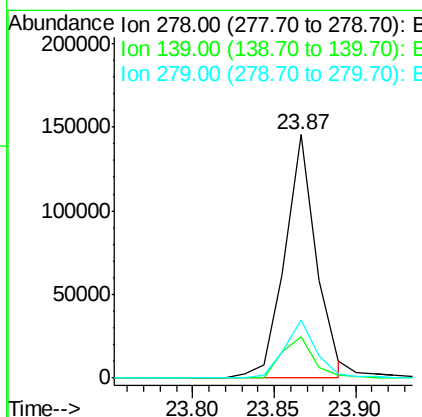
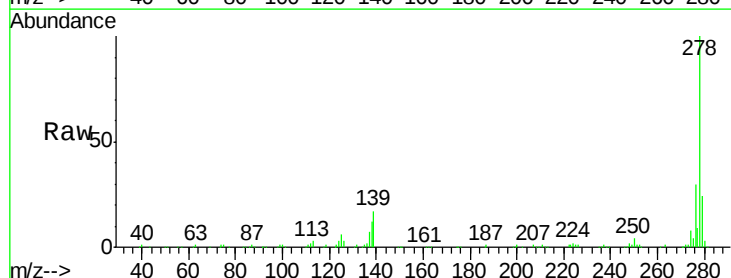
Instrument :
BNA_F
ClientSampleId :

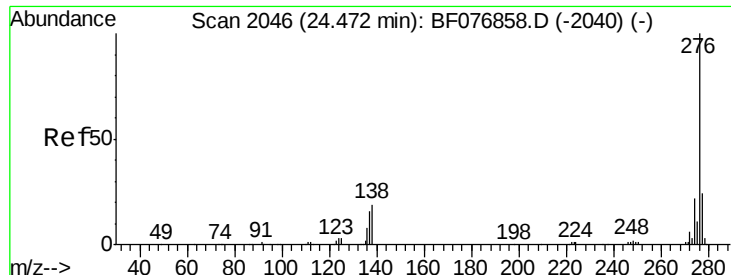
Tot Ion:252 Resp: 218869
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.6 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 36.70 ng
RT: 23.87 min Scan# 1993
Delta R.T. 0.05 min
Lab File: BF077135.D
Acq: 29 Jan 2015 21:39

Tgt Ion:278 Resp: 196236
Ion Ratio Lower Upper
278 100
139 17.1 10.5 15.7#
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 37.30 ng

RT: 24.11 min Scan# 2014

Delta R.T. 0.05 min

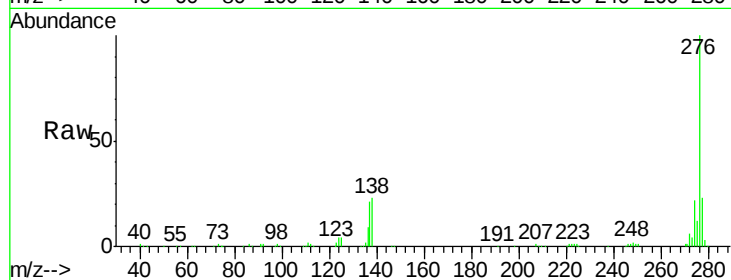
Lab File: BF077135.D

Acq: 29 Jan 2015 21:39

Instrument :

BNA_F

ClientSampleId :



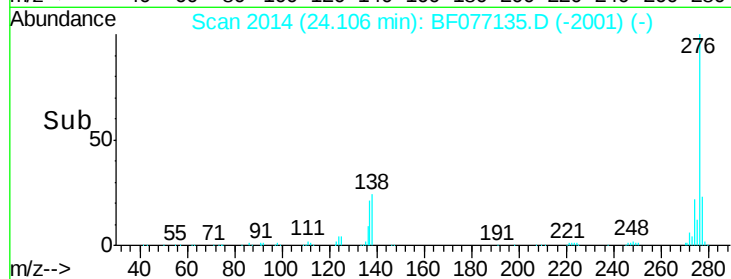
Tot Ion: 276 Resp: 198286

Ion Ratio Lower Upper

276 100

277 22.5 19.5 29.3

138 23.5 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

