

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076872.D
 Acq On : 14 Jan 2015 22:19
 Operator : IZ / TP
 Sample : PB81324BS
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:18:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31062	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	131329	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	71094	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	123553	20.00	ng	0.00
75) Chrysene-d12	21.31	240	123574	20.00	ng	0.00
86) Perylene-d12	23.01	264	111310	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	232872	123.26	ng	0.01
7) Phenol-d6	7.42	99	293384	123.10	ng	0.00
23) Nitrobenzene-d5	9.32	82	177491	74.87	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	73763	127.82	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	361481	77.38	ng	0.00
78) Terphenyl-d14	20.04	244	392428	73.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.34	88	23910	29.56	ng	94
3) Pyridine	1.83	79	64548	30.84	ng	91
4) n-Nitrosodimethylamine	1.78	42	34074	32.86	ng	97
6) Aniline	7.32	93	64829	19.66	ng	97
8) 2-Chlorophenol	7.56	128	80204	36.83	ng	94
9) Benzaldehyde	7.03	77	28896	19.17	ng	93
10) Phenol	7.44	94	95280	37.65	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	78109	39.45	ng	95
12) 1,3-Dichlorobenzene	7.88	146	89036	35.93	ng	95
13) 1,4-Dichlorobenzene	8.06	146	92048	35.03	ng	98
14) 1,2-Dichlorobenzene	8.38	146	87771	36.25	ng	96
15) Benzyl Alcohol	8.45	79	71739	37.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	95462	35.86	ng	95
17) 2-Methylphenol	8.79	107	65748	36.94	ng	98
18) Hexachloroethane	9.12	117	33990	37.19	ng	98
19) n-Nitroso-di-n-propylamine	9.08	70	59581	35.71	ng	95
20) 3+4-Methylphenols	9.18	107	83910	35.60	ng	94
22) Acetophenone	9.01	105	118278	36.77	ng	98
24) Nitrobenzene	9.36	77	89295	36.98	ng	97
25) Isophorone	9.96	82	154768	35.85	ng	98
26) 2-Nitrophenol	10.09	139	43378	34.90	ng	# 84
27) 2,4-Dimethylphenol	10.37	122	72323	38.73	ng	97
28) bis(2-Chloroethoxy)methane	10.57	93	94753	38.62	ng	98
29) 2,4-Dichlorophenol	10.70	162	70772	40.66	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	69969	36.19	ng	97
31) Naphthalene	10.97	128	241715	35.75	ng	99
32) Benzoic acid	10.71	122	23845	23.05	ng	# 86
33) 4-Chloroaniline	11.21	127	54211	19.84	ng	99
34) Hexachlorobutadiene	11.34	225	39754	34.66	ng	94
35) Caprolactam	12.05	113	15637	30.52	ng	97
36) 4-Chloro-3-methylphenol	12.52	107	75059	37.67	ng	97
37) 2-Methylnaphthalene	12.63	142	170253	36.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66830	38.02	ng	97
40) Hexachlorocyclopentadiene	13.03	237	71037	77.15	ng	88

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

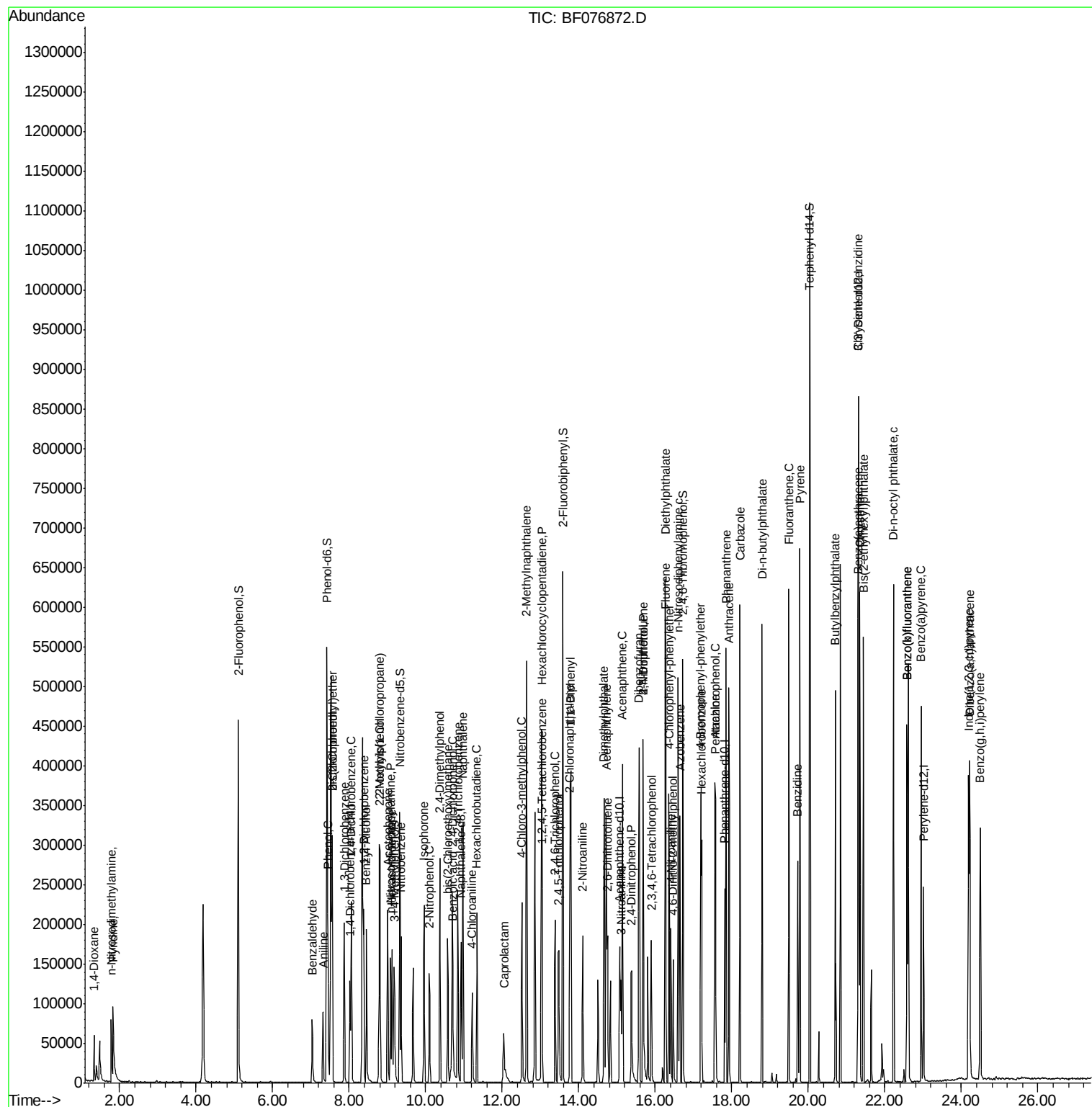
42) 2,4,6-Trichlorophenol	13.39	196	45779	35.75	nq	91
43) 2,4,5-Trichlorophenol	13.48	196	48166	36.88	nq	97
45) 1,1'-Biphenyl	13.79	154	196648	37.31	nq	97
46) 2-Chloronaphthalene	13.76	162	161216	37.17	nq	99
47) 2-Nitroaniline	14.11	65	52278	39.73	nq	91
48) Acenaphthylene	14.72	152	259991	35.54	nq	99
49) Dimethylphthalate	14.65	163	195808	38.84	nq	# 98
50) 2,6-Dinitrotoluene	14.76	165	41397	41.10	nq	98
51) Acenaphthene	15.15	154	146418	35.28	nq	94
52) 3-Nitroaniline	15.10	138	30237	22.86	nq	83
53) 2,4-Dinitrophenol	15.39	184	34022	77.73	nq	95
54) Dibenzofuran	15.57	168	231766	38.33	nq	99
55) 4-Nitrophenol	15.68	139	60161	76.12	nq	95
56) 2,4-Dinitrotoluene	15.68	165	57906	38.11	nq	# 87
57) Fluorene	16.28	166	192936	37.66	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	34890	36.69	nq	# 98
59) Diethylphthalate	16.27	149	201958	39.63	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	84042	40.10	nq	98
61) 4-Nitroaniline	16.40	138	42961	33.70	nq	93
62) Azobenzene	16.64	77	204303	38.48	nq	98
64) 4,6-Dinitro-2-methylphenol	16.47	198	26274	32.76	nq	77
65) n-Nitrosodiphenylamine	16.60	169	158209	35.91	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	47892	38.26	nq	95
67) Hexachlorobenzene	17.21	284	50768	38.49	nq	92
68) Atrazine	17.56	200	59731	44.68	nq	96
69) Pentachlorophenol	17.57	266	43119	74.28	nq	92
70) Phenanthrene	17.85	178	279345	36.26	nq	98
71) Anthracene	17.92	178	278988	37.13	nq	99
72) Carbazole	18.21	167	271198	37.21	nq	99
73) Di-n-butylphthalate	18.79	149	343714	40.75	nq	99
74) Fluoranthene	19.49	202	293698	37.20	nq	98
76) Benzidine	19.72	184	147380	37.27	nq	99
77) Pyrene	19.77	202	319618	37.74	nq	99
79) Butylbenzylphthalate	20.70	149	151908	39.61	nq	97
80) Benzo(a)anthracene	21.29	228	284963	36.75	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	47155	19.14	nq	98
82) Chrysene	21.34	228	267369	37.82	nq	99
83) Bis(2-ethylhexyl)phthalate	21.44	149	221982	41.83	nq	98
84) Di-n-octyl phthalate	22.22	149	393817	42.76	nq	99
85) Indeno(1,2,3-cd)pyrene	24.19	276	273683	36.52	nq	# 83
87) Benzo(b)fluoranthene	22.57	252	287478	38.35	nq	99
88) Benzo(k)fluoranthene	22.57	252	287478	43.89	nq	# 97
89) Benzo(a)pyrene	22.95	252	254747	38.52	nq	99
90) Dibenzo(a,h)anthracene	24.21	278	235293	38.78	nq	# 93
91) Benzo(g,h,i)perylene	24.48	276	232410	38.53	nq	# 93

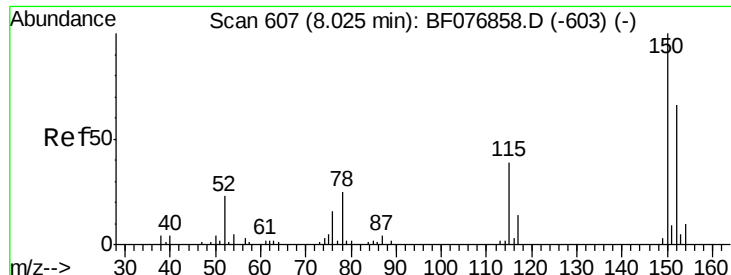
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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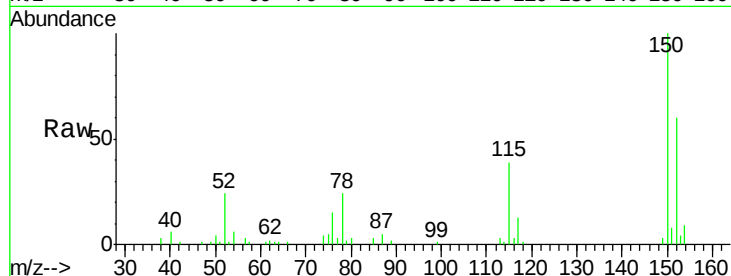


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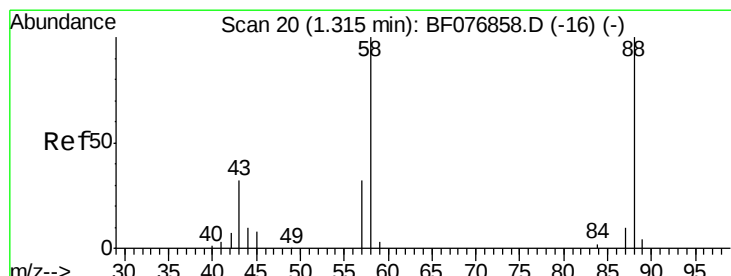
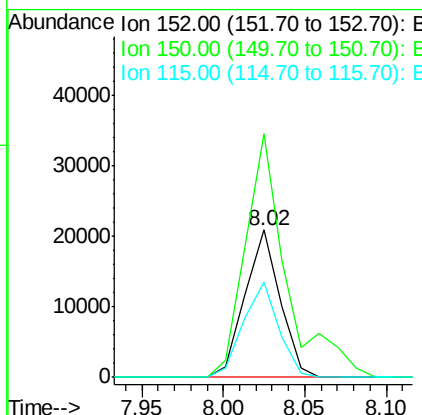
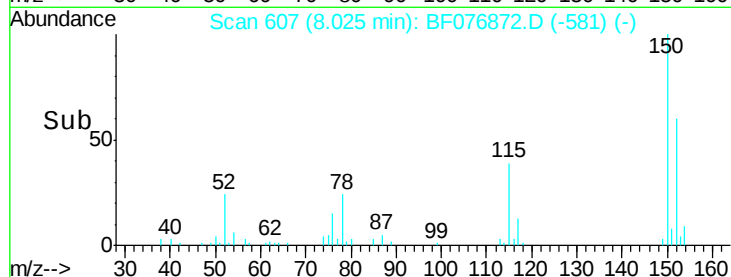
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31062
Ion Ratio Lower Upper
152 100
150 165.3 121.7 182.5
115 64.4 47.0 70.6



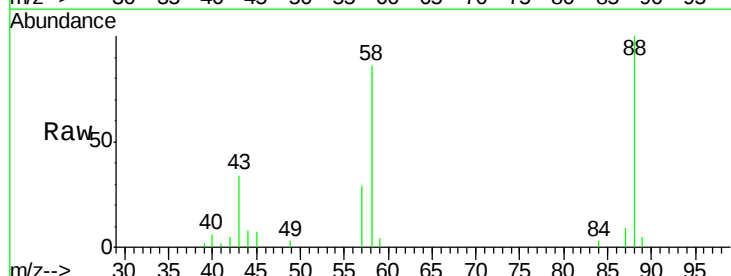
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



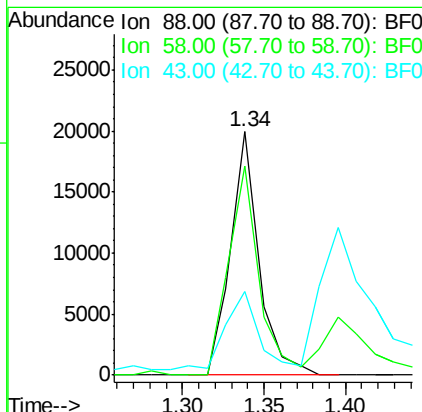
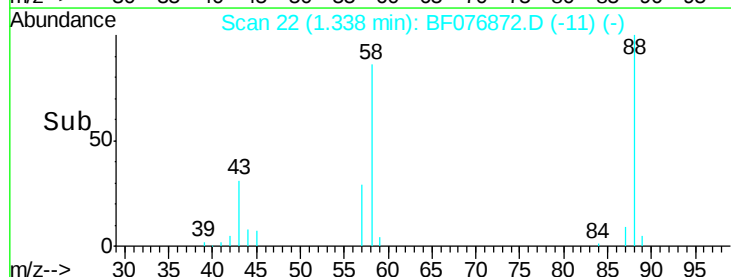
#2

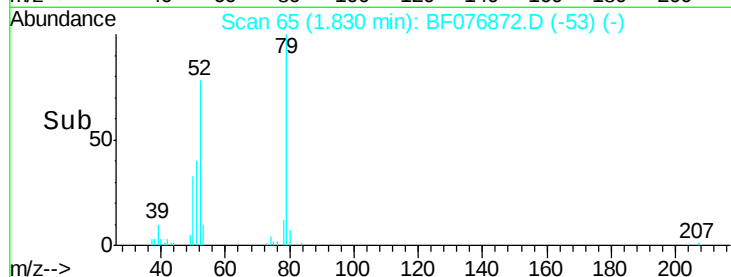
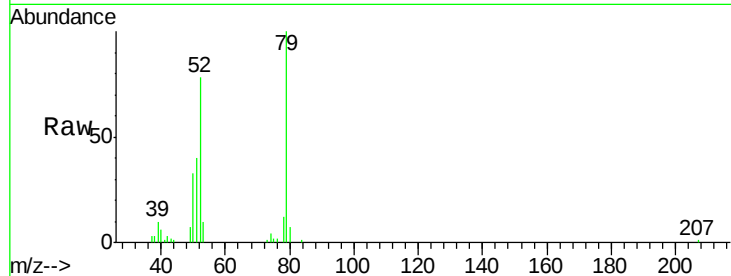
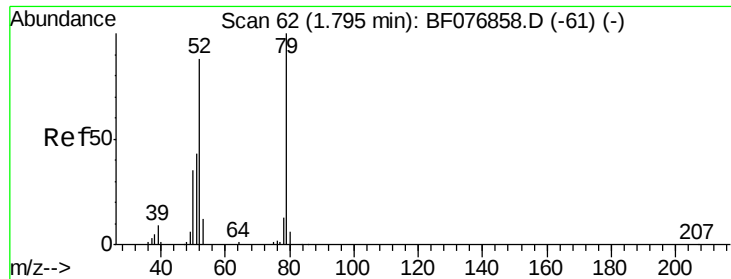
1,4-Dioxane
Concen: 29.56 ng
RT: 1.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion: 88 Resp: 23910
Ion Ratio Lower Upper
88 100
58 92.5 77.0 115.4
43 38.1 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

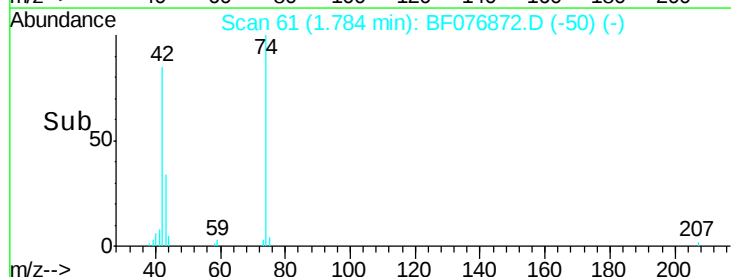
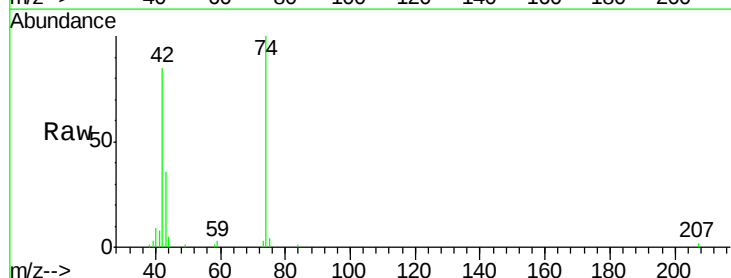
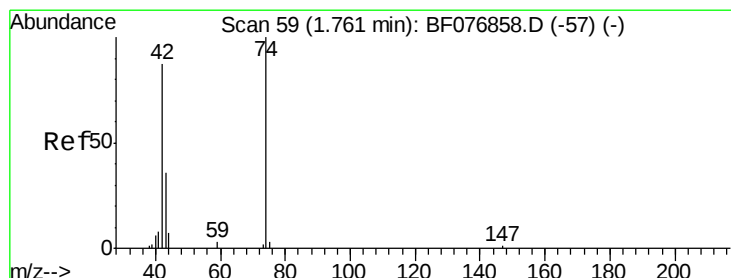
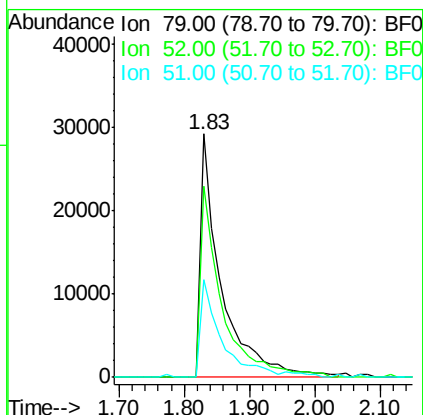




#3
 Pvridine
 Concen: 30.84 ng
 RT: 1.83 min Scan# 65
 Delta R.T. 0.03 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

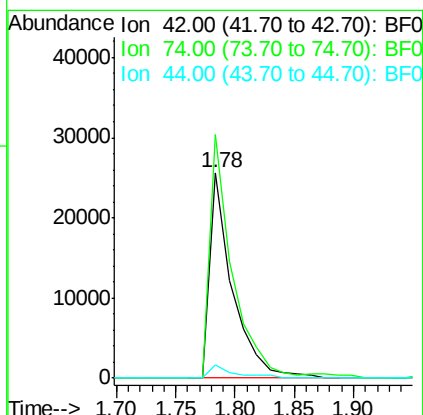
Instrument :
 BNA_F
 ClientSampleId :

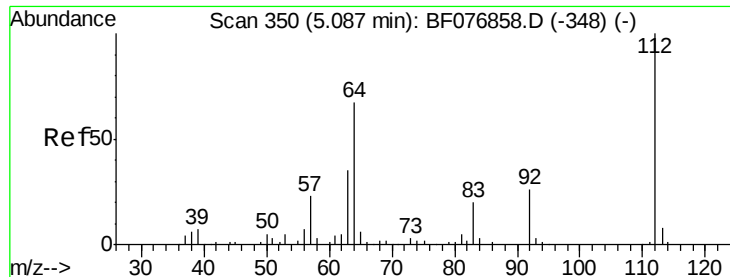
Tot Ion: 79 Resp: 64548
 Ion Ratio Lower Upper
 79 100
 52 78.5 70.1 105.1
 51 40.1 35.1 52.7



#4
 n-Nitrosodimethylamine
 Concen: 32.86 ng
 RT: 1.78 min Scan# 61
 Delta R.T. 0.02 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion: 42 Resp: 34074
 Ion Ratio Lower Upper
 42 100
 74 118.3 92.4 138.6
 44 6.3 6.2 9.2





#5

2-Fluorophenol

Concen: 123.26 ng

RT: 5.10 min Scan# 351

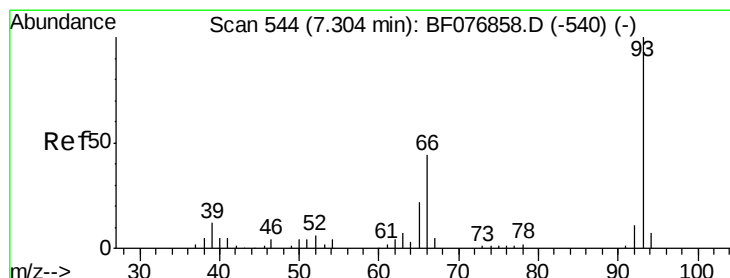
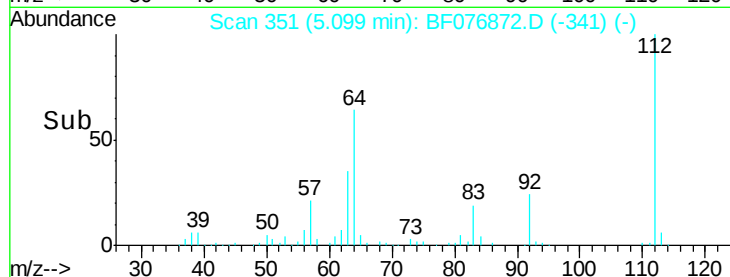
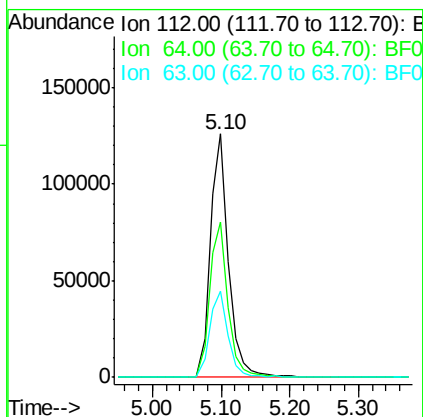
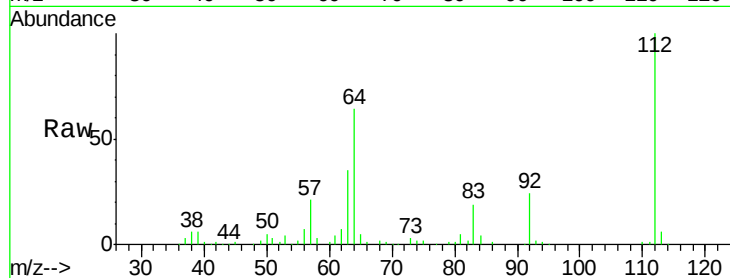
Delta R.T. 0.01 min

Lab File: BF076872.D

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Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	232872
Ion	Ratio	Lower	Upper
112	100		
64	63.6	54.2	81.4
63	35.1	28.4	42.6



#6

Aniline

Concen: 19.66 ng

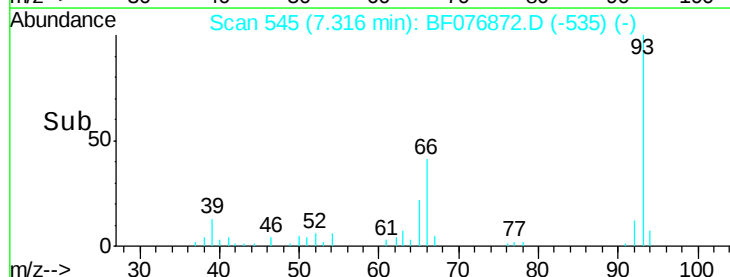
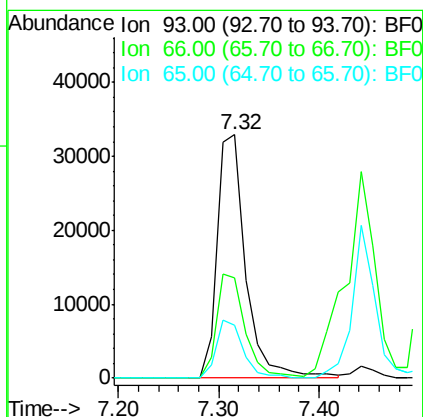
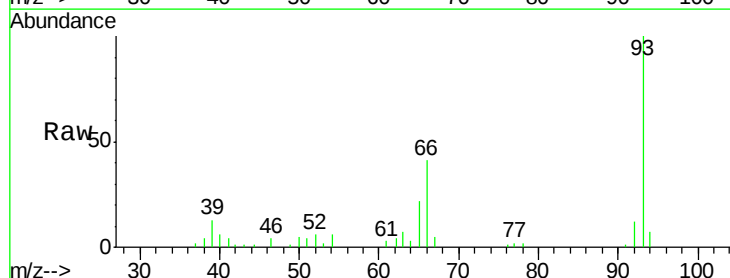
RT: 7.32 min Scan# 545

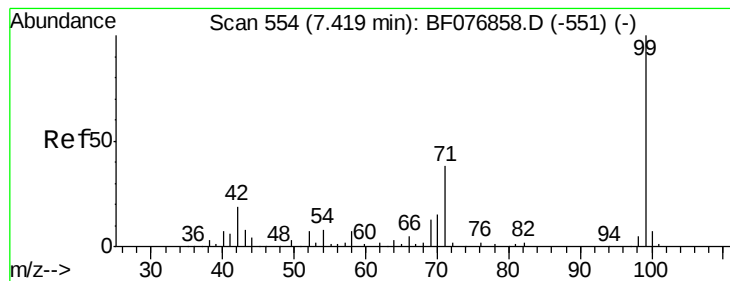
Delta R.T. 0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Tgt Ion:	93	Resp:	64829
Ion	Ratio	Lower	Upper
93	100		
66	41.2	35.0	52.4
65	21.8	17.7	26.5





#7

Phenol-d6

Concen: 123.10 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

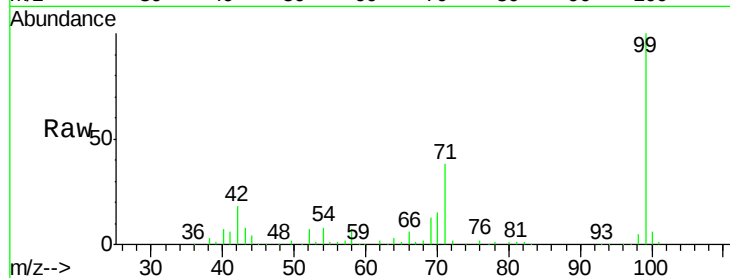
Tot Ion: 99 Resp: 293384

Ion Ratio Lower Upper

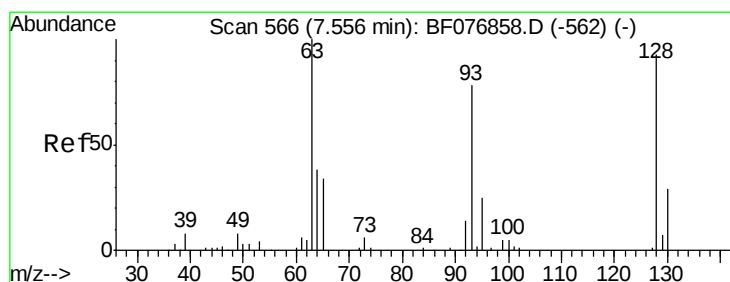
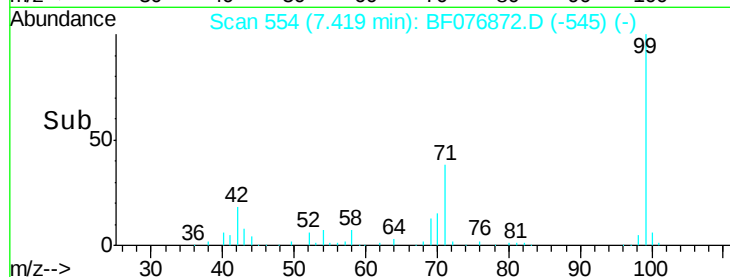
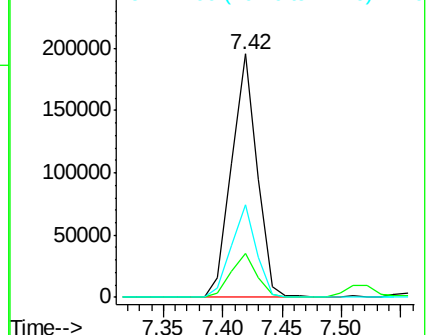
99 100

42 17.9 15.0 22.4

71 37.9 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: 36.83 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

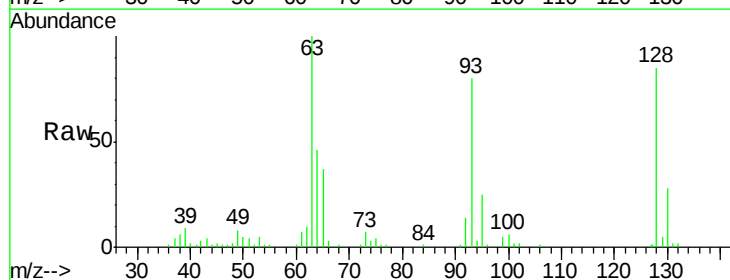
Tgt Ion: 128 Resp: 80204

Ion Ratio Lower Upper

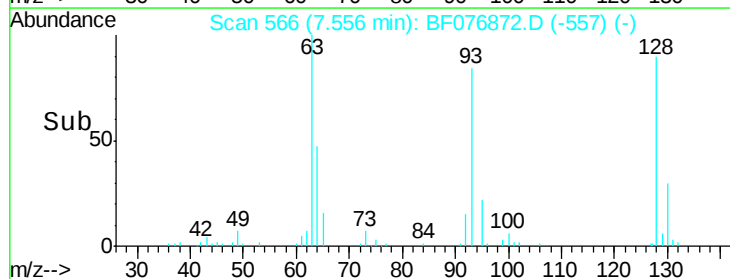
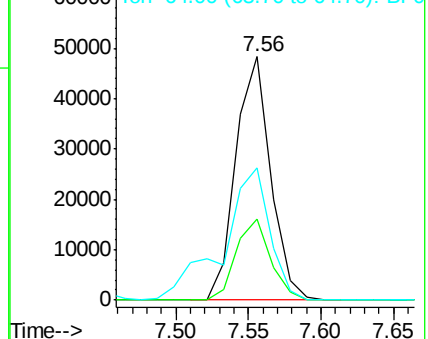
128 100

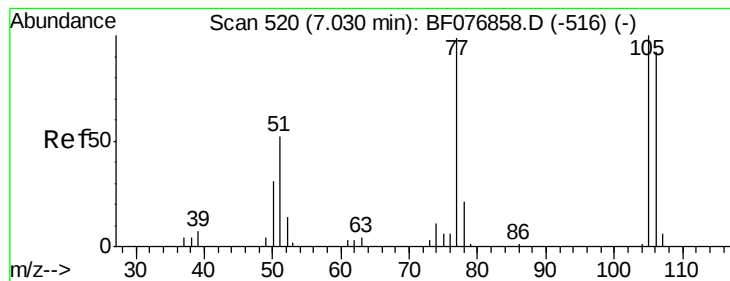
130 33.5 11.0 51.0

64 54.3 29.3 69.3



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





#9

Benzaldehyde

Concen: 19.17 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

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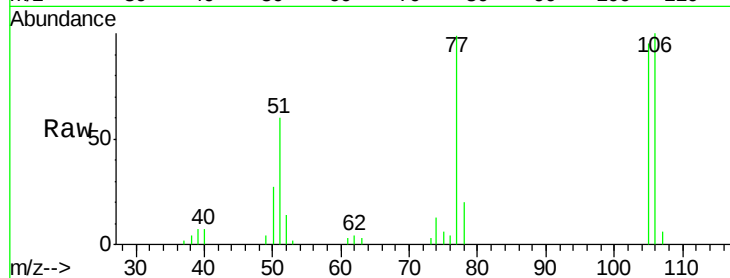
Tot Ion: 77 Resp: 28896

Ion Ratio Lower Upper

77 100

105 95.5 81.4 121.4

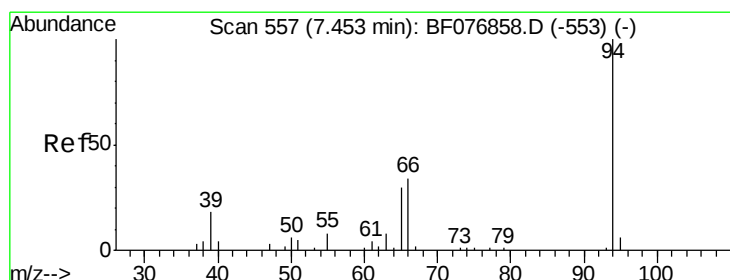
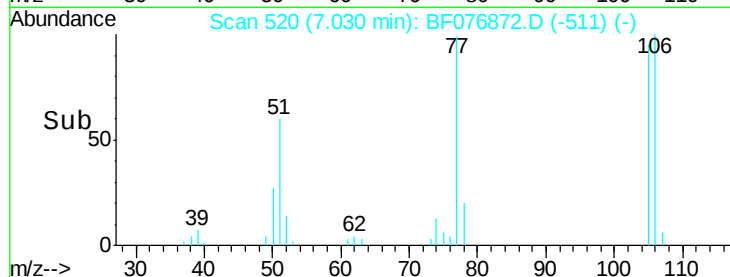
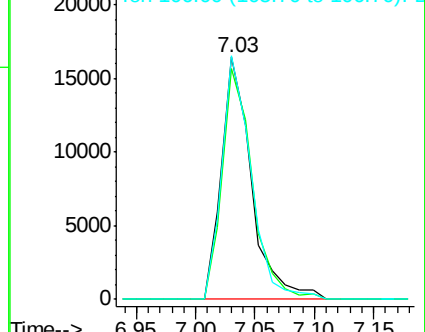
106 100.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.65 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076872.D

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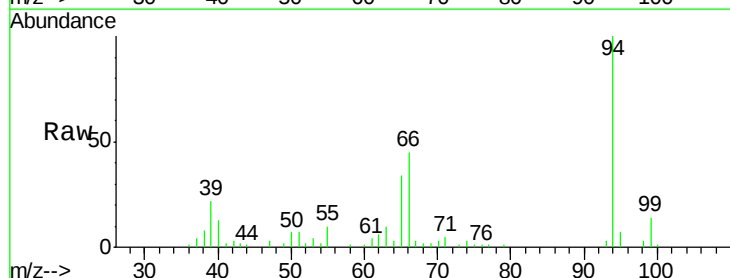
Tgt Ion: 94 Resp: 95280

Ion Ratio Lower Upper

94 100

65 33.6 11.3 51.3

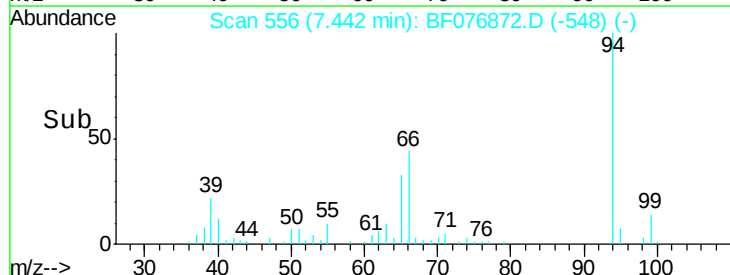
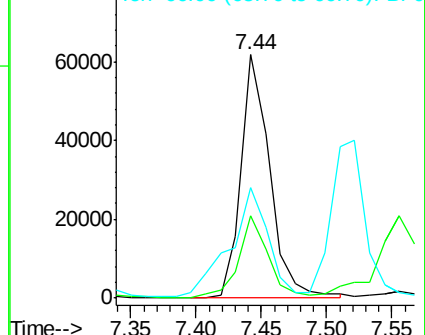
66 45.3 19.5 59.5

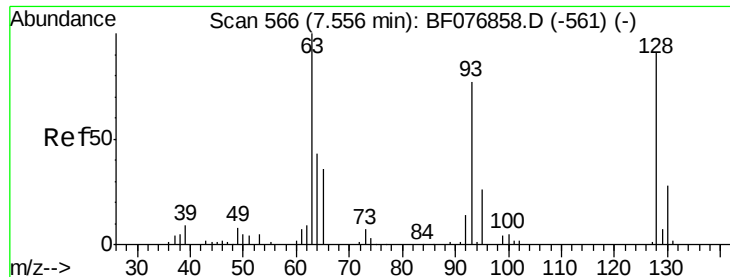


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

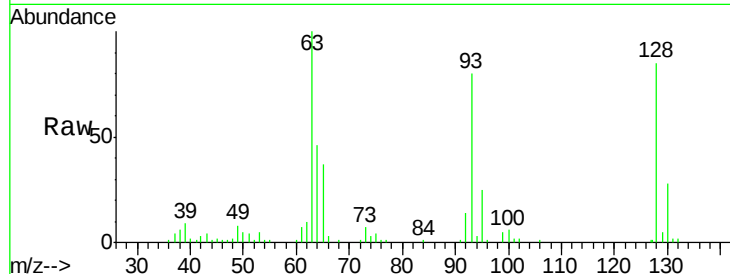




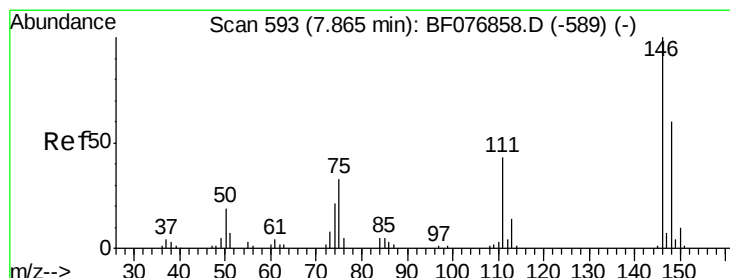
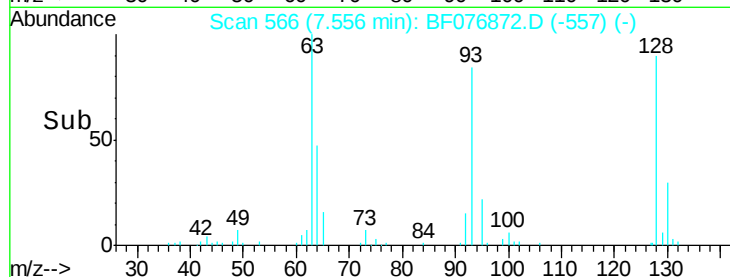
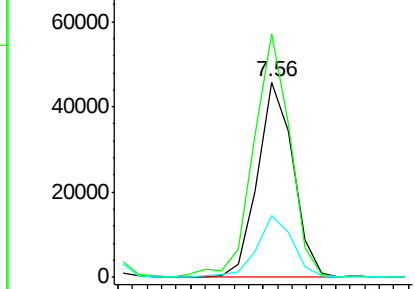
#11
bis(2-Chloroethyl)ether
Concen: 39.45 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 78109
Ion Ratio Lower Upper
93 100
63 124.5 111.3 151.3
95 31.6 13.8 53.8

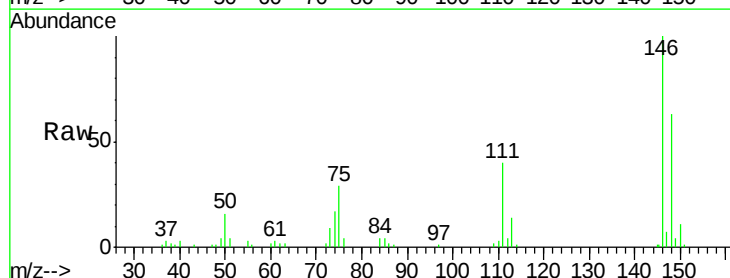


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

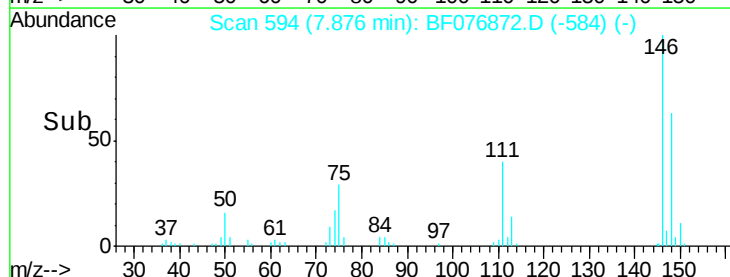
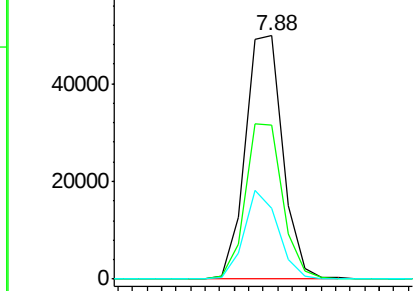


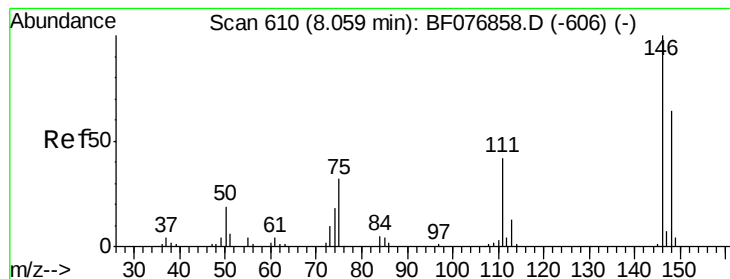
#12
1,3-Dichlorobenzene
Concen: 35.93 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion: 146 Resp: 89036
Ion Ratio Lower Upper
146 100
148 63.3 48.1 72.1
75 29.3 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.03 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

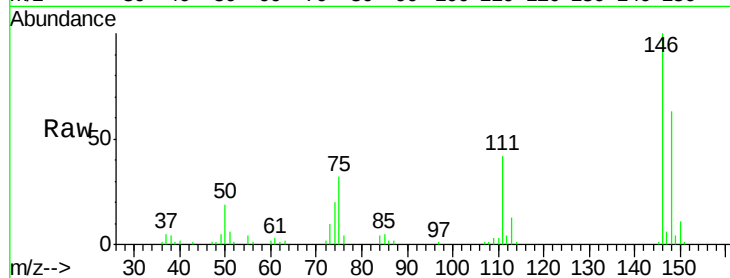
Tot Ion:146 Resp: 92048

Ion Ratio Lower Upper

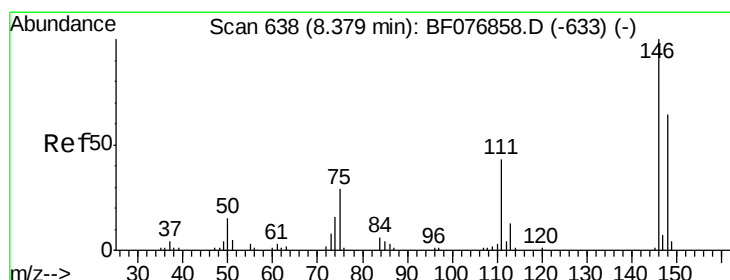
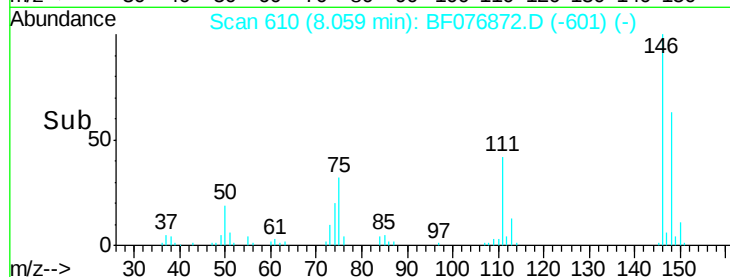
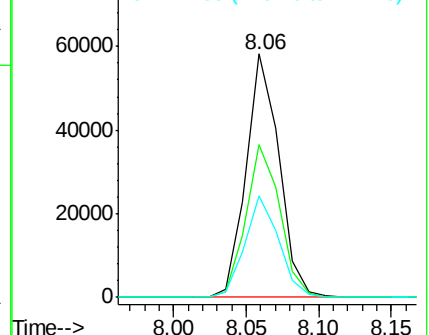
146 100

148 62.8 51.5 77.3

111 41.7 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: 36.25 ng

RT: 8.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

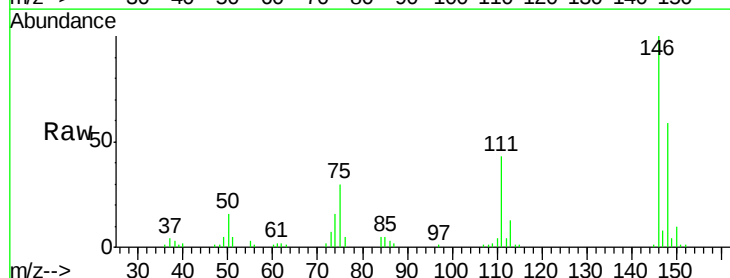
Tgt Ion:146 Resp: 87771

Ion Ratio Lower Upper

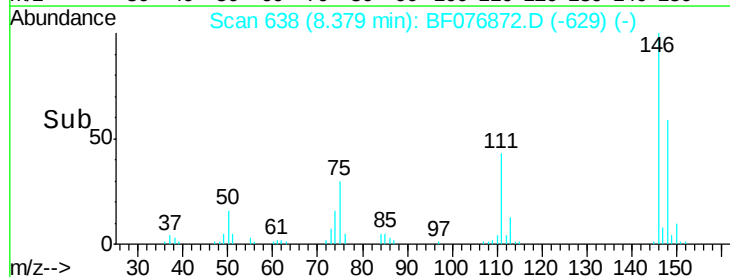
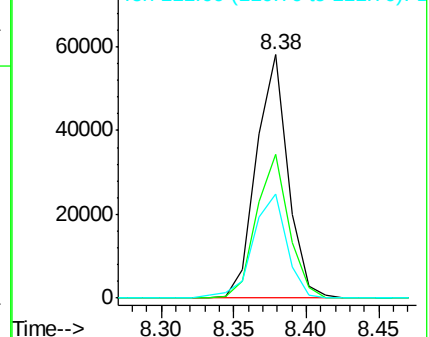
146 100

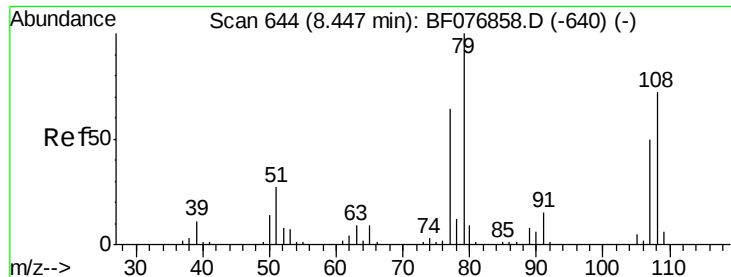
148 59.3 51.3 76.9

111 42.9 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: 37.20 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

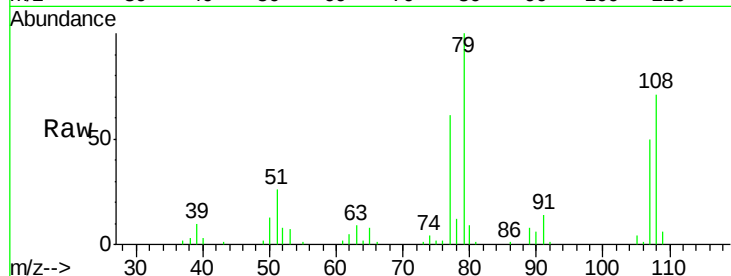
Tot Ion: 79 Resp: 71739

Ion Ratio Lower Upper

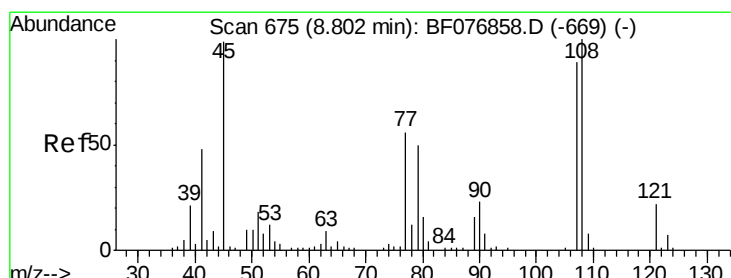
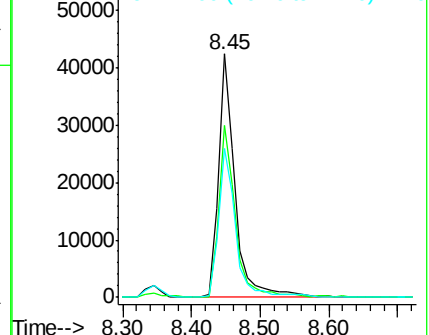
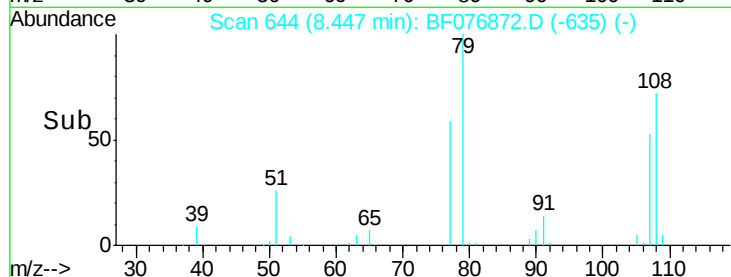
79 100

108 70.7 57.2 85.8

77 61.0 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: 35.86 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

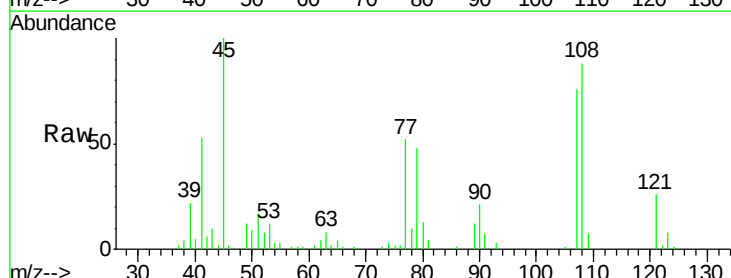
Tgt Ion: 45 Resp: 95462

Ion Ratio Lower Upper

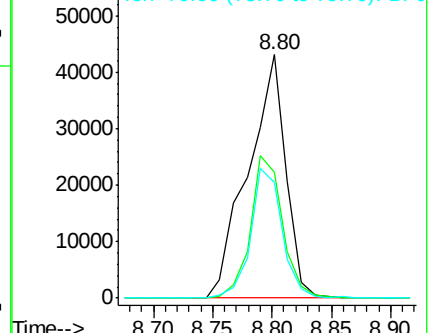
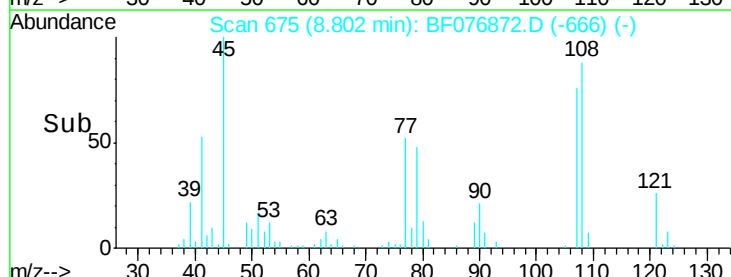
45 100

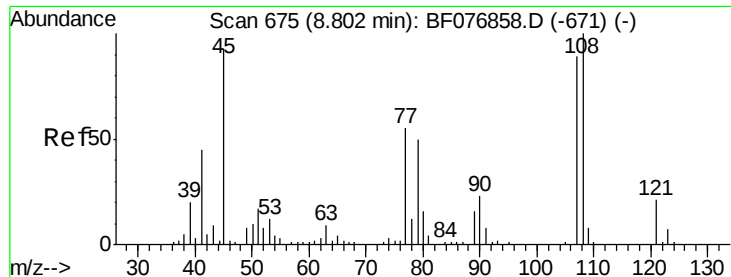
77 51.7 36.1 76.1

79 47.7 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

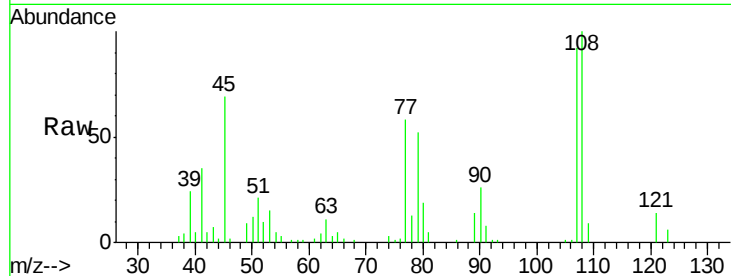




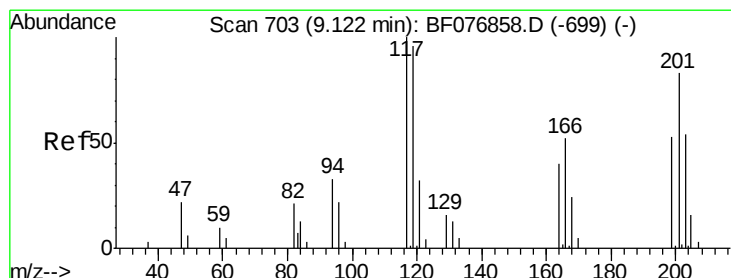
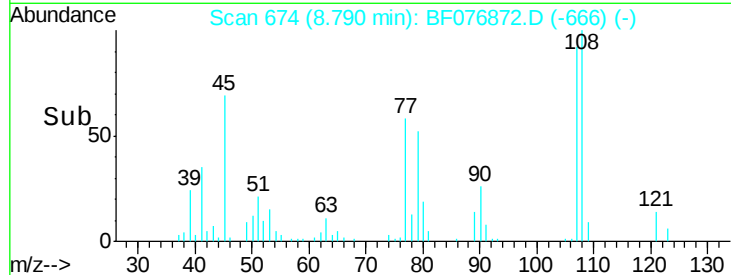
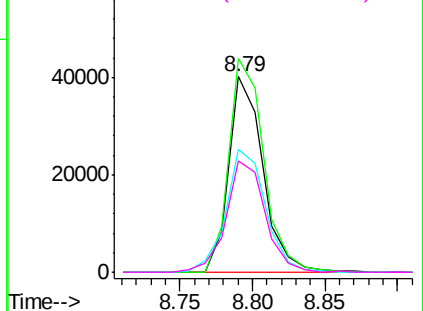
#17
2-Methylphenol
Concen: 36.94 ng
RT: 8.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 65748
Ion Ratio Lower Upper
107 100
108 109.1 89.7 134.5
77 63.0 50.1 75.1
79 57.2 45.0 67.6

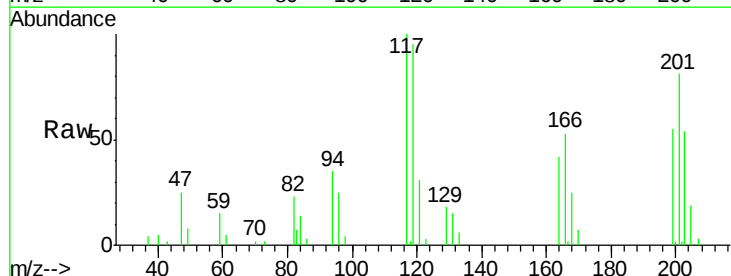


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

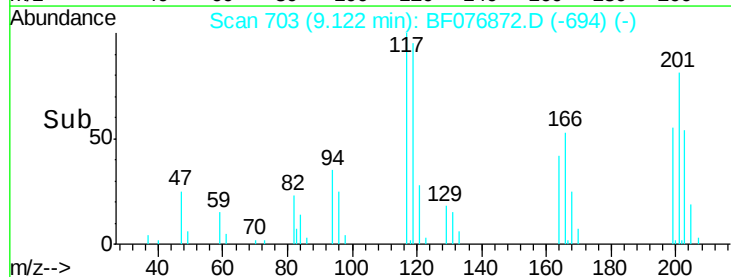
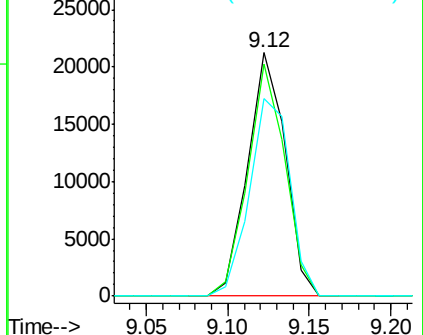


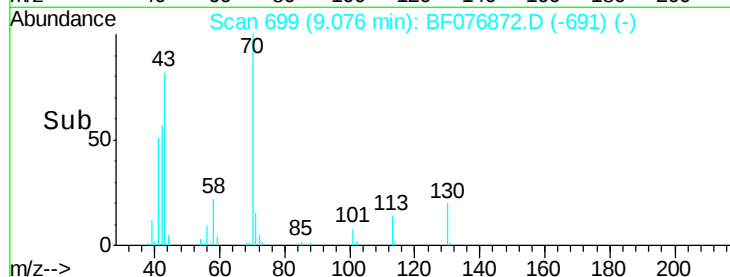
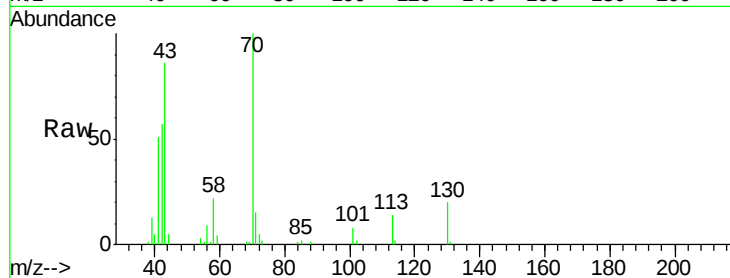
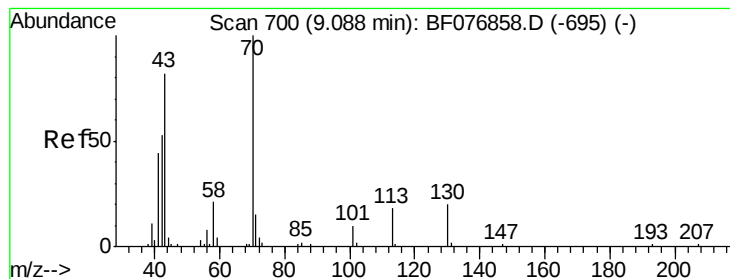
#18
Hexachloroethane
Concen: 37.19 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:117 Resp: 33990
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7
201 81.2 66.8 100.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.71 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59581

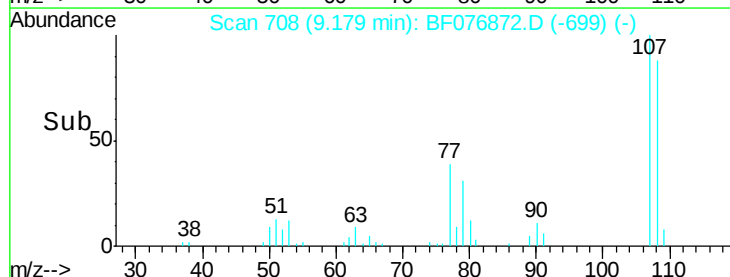
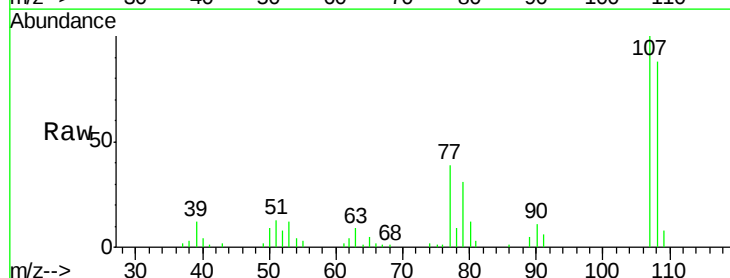
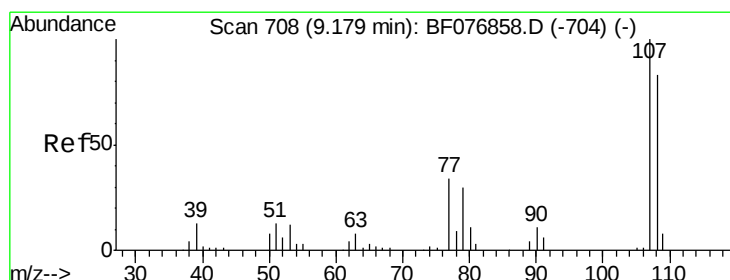
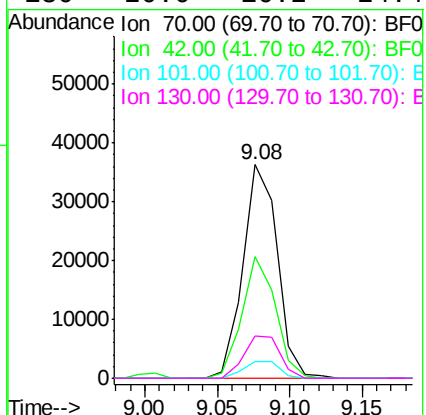
Ion Ratio Lower Upper

70 100

42 57.0 42.1 63.1

101 7.9 7.8 11.8

130 20.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 35.60 ng

RT: 9.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Tgt Ion: 107 Resp: 83910

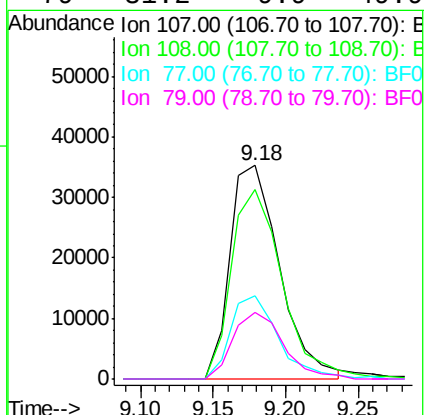
Ion Ratio Lower Upper

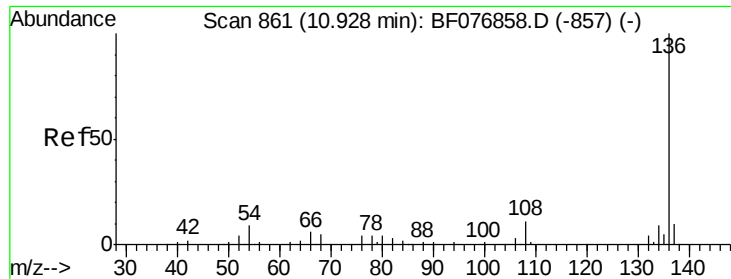
107 100

108 88.4 63.5 103.5

77 39.1 14.0 54.0

79 31.2 9.9 49.9

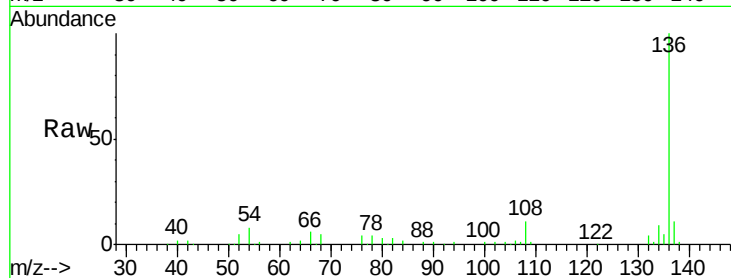




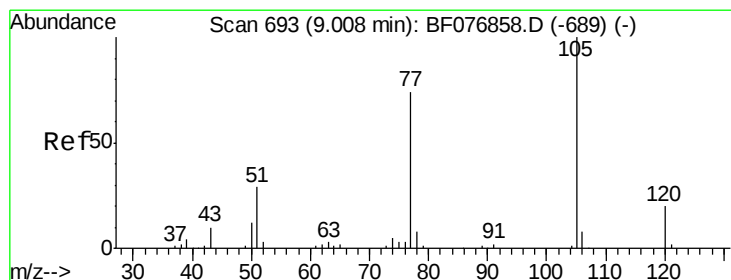
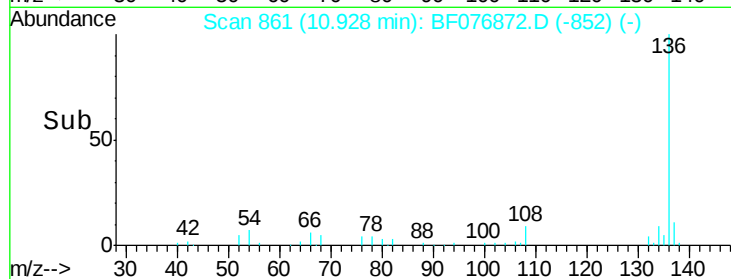
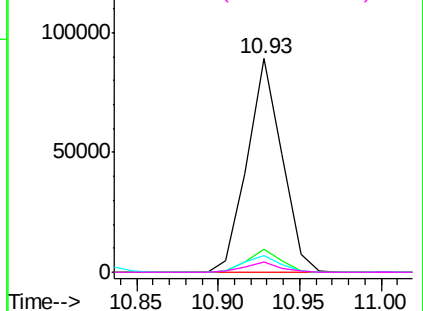
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	131329
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.1	12.1
54 7.8	7.0	10.4
68 4.8	3.7	5.5

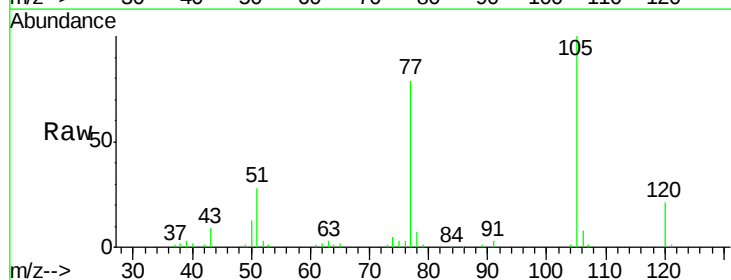


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

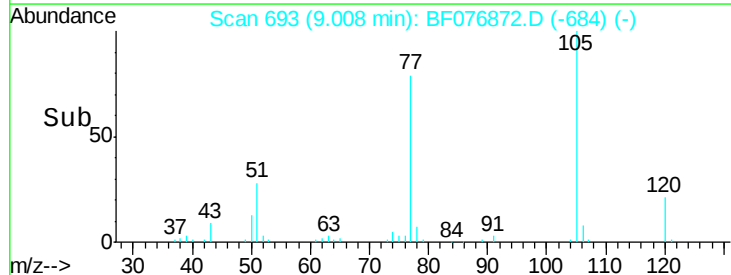
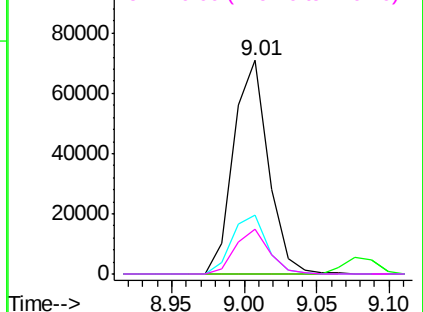


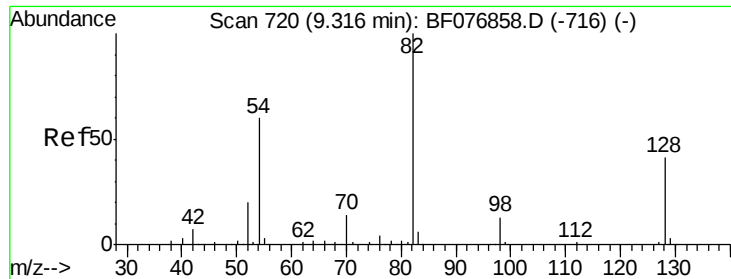
#22
Acetophenone
Concen: 36.77 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt	Ion:105	Resp:	118278
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.6	23.3	34.9
120	20.7	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

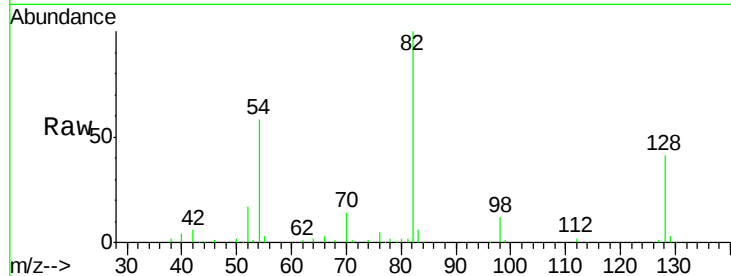




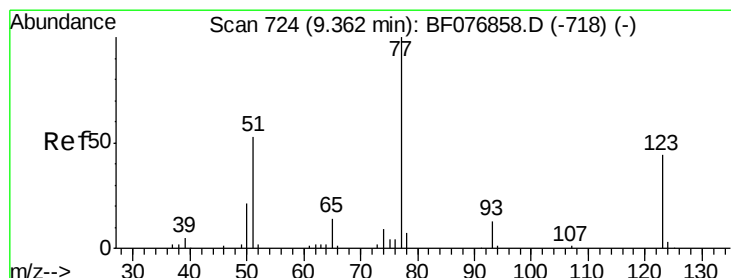
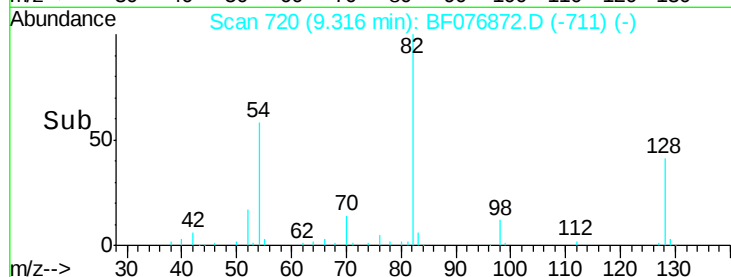
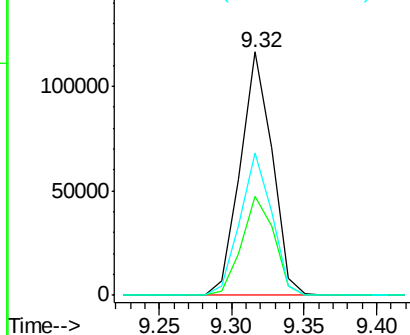
#23
 Nitrobenzene-d5
 Concen: 74.87 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	177491
Ion Ratio	100	Lower	Upper
128	40.6	33.1	49.7
54	58.5	48.3	72.5

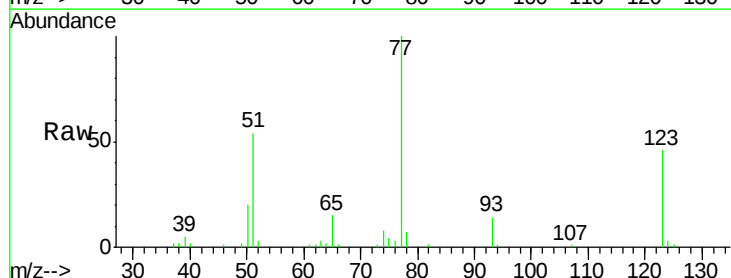


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

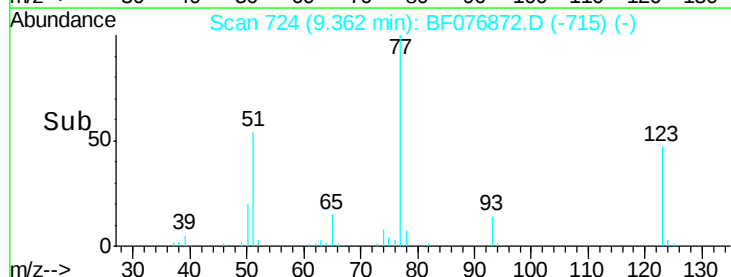
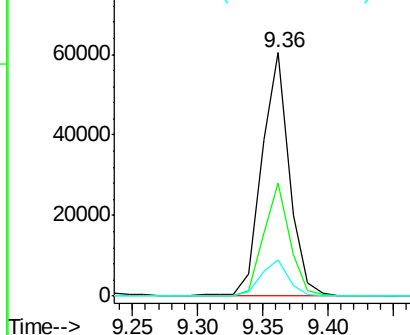


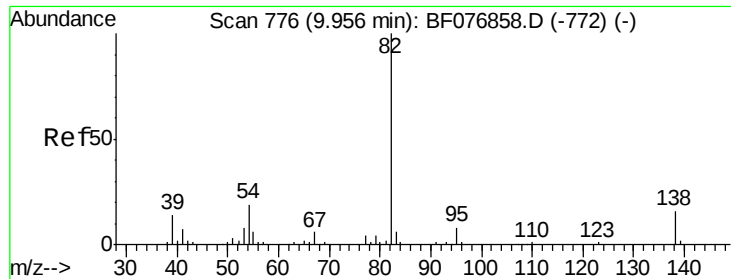
#24
 Nitrobenzene
 Concen: 36.98 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion	77	Resp	89295
Ion Ratio	100	Lower	Upper
123	46.4	35.2	52.8
65	15.1	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.85 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

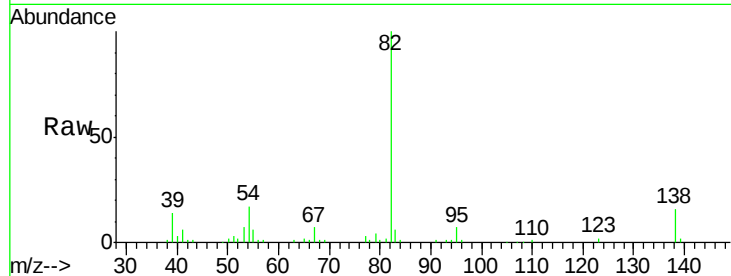
Tot Ion: 82 Resp: 154768

Ion Ratio Lower Upper

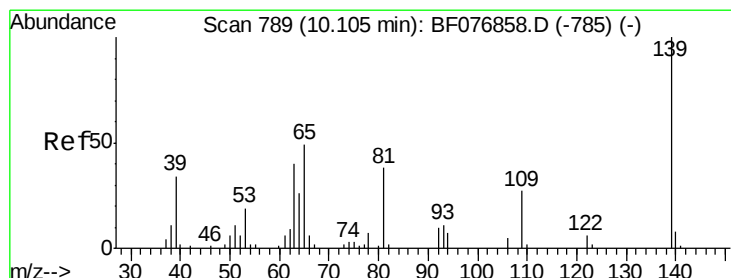
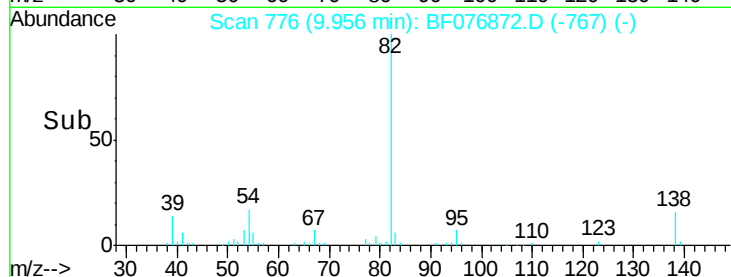
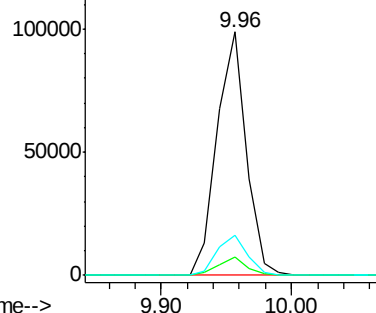
82 100

95 7.4 6.6 10.0

138 16.5 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.90 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

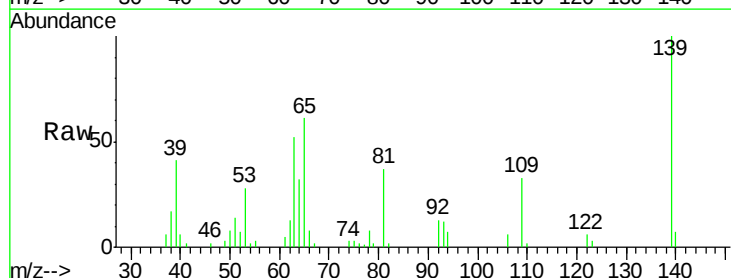
Tgt Ion: 139 Resp: 43378

Ion Ratio Lower Upper

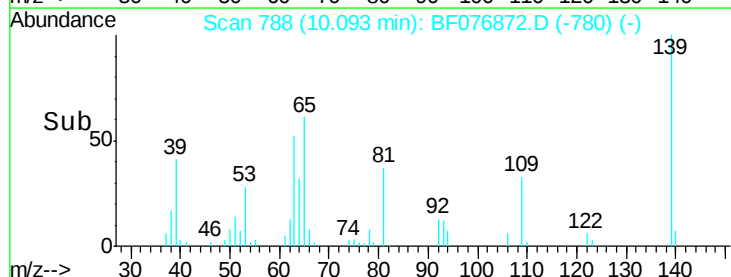
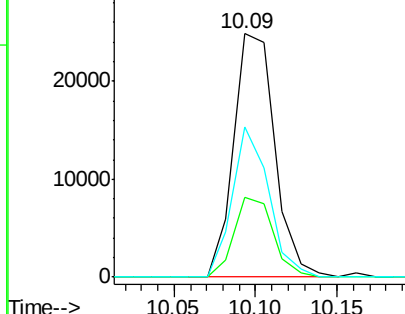
139 100

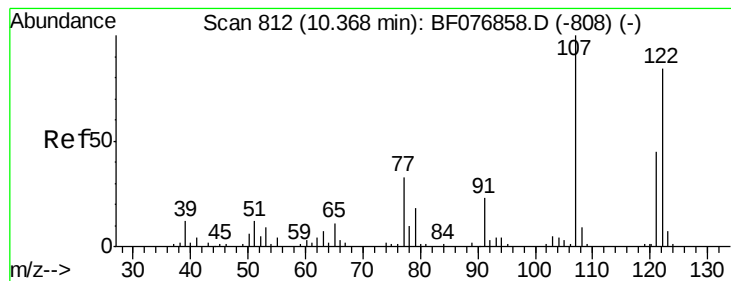
109 32.7 21.3 31.9#

65 61.5 39.4 59.0#



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





#27

2,4-Dimethylphenol

Concen: 38.73 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

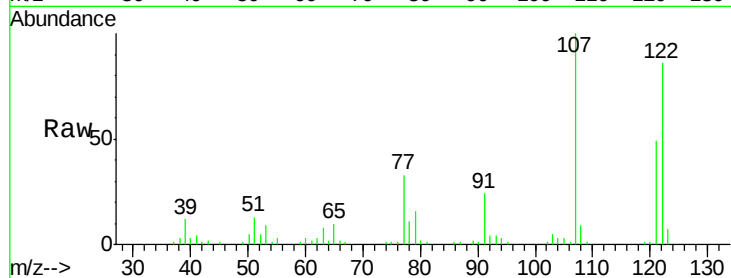
Tot Ion:122 Resp: 72323

Ion Ratio Lower Upper

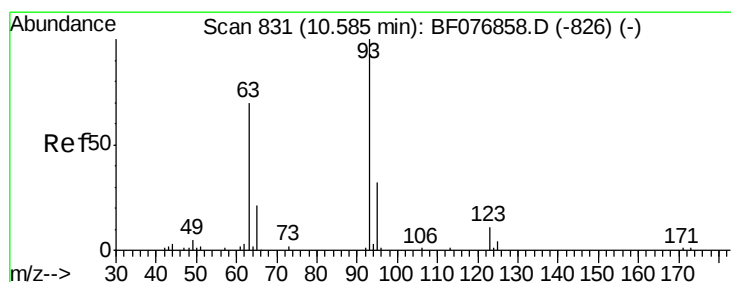
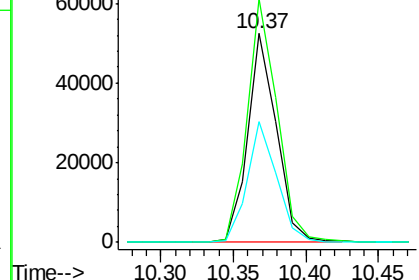
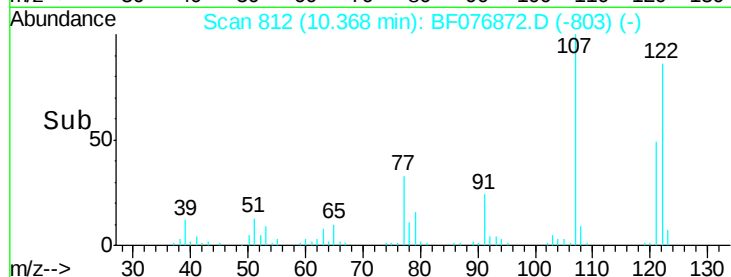
122 100

107 116.8 95.2 142.8

121 57.7 42.9 64.3



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



#28

bis(2-Chloroethoxy)methane

Concen: 38.62 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

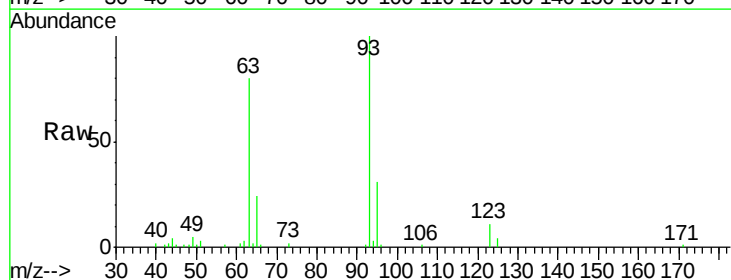
Tgt Ion: 93 Resp: 94753

Ion Ratio Lower Upper

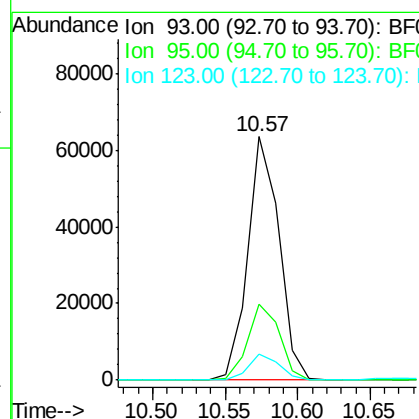
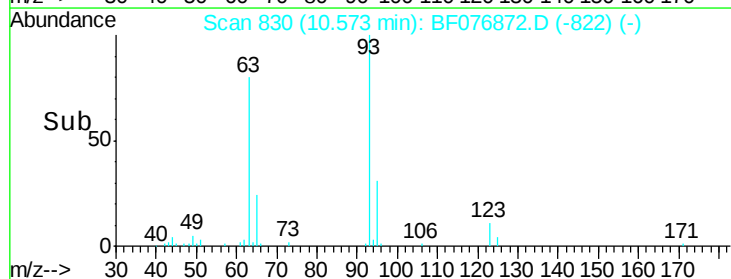
93 100

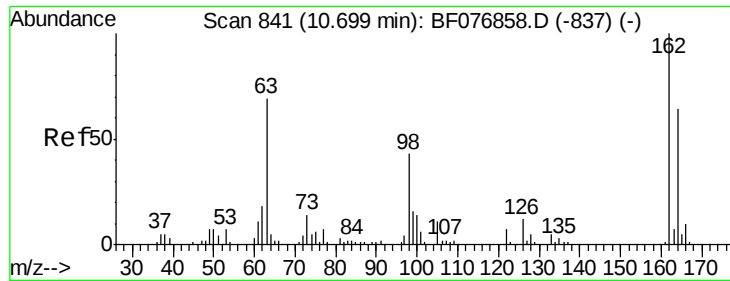
95 31.1 25.6 38.4

123 10.5 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

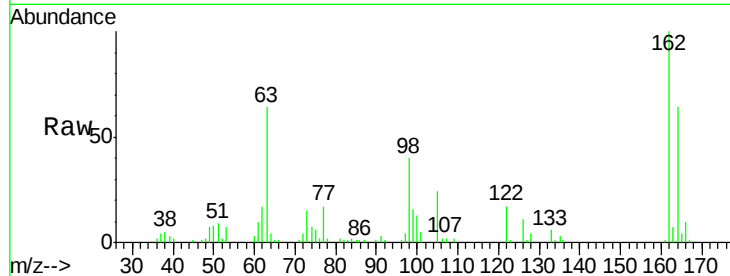




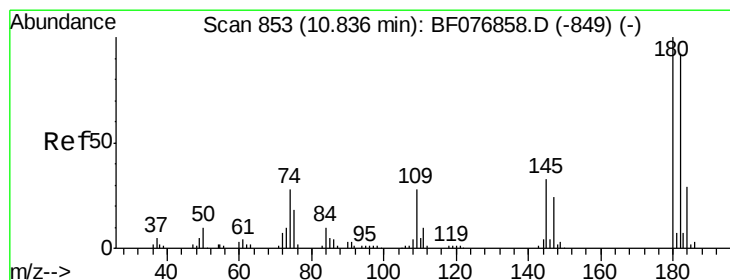
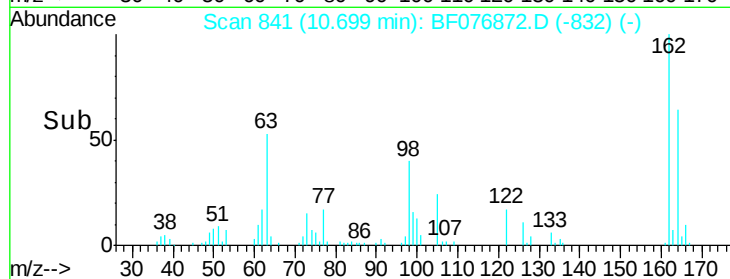
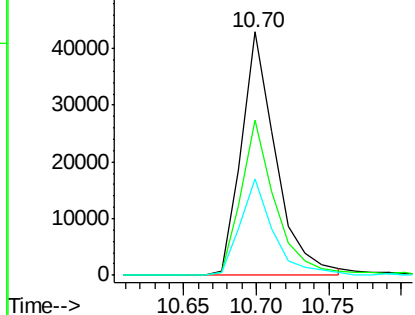
#29
 2,4-Dichlorophenol
 Concen: 40.66 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 70772
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.8 83.8
 98 39.6 22.5 62.5

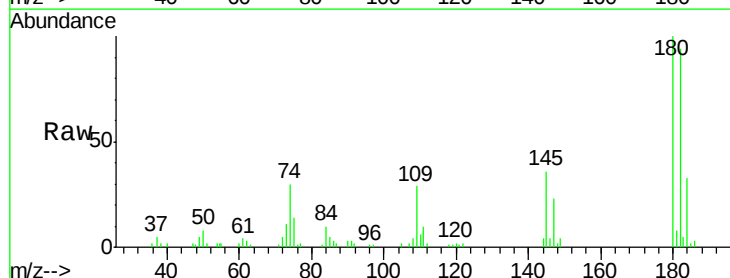


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

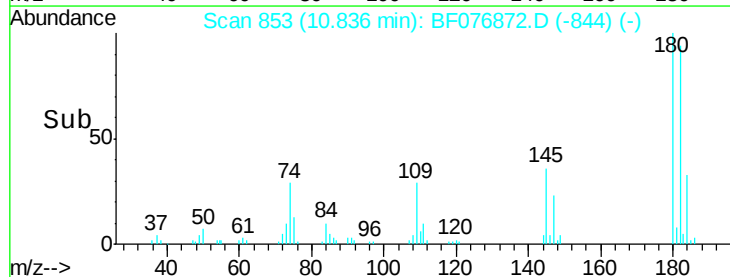
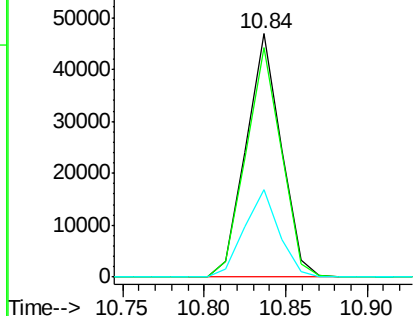


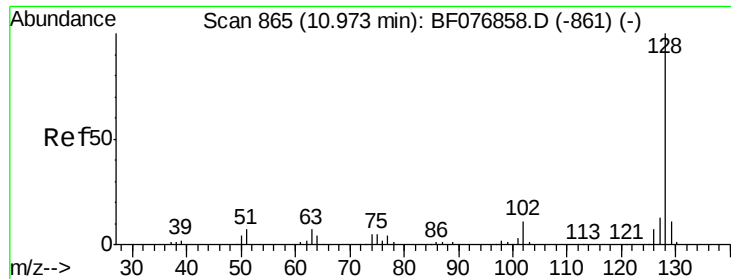
#30
 1,2,4-Trichlorobenzene
 Concen: 36.19 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:180 Resp: 69969
 Ion Ratio Lower Upper
 180 100
 182 94.4 73.6 110.4
 145 36.0 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

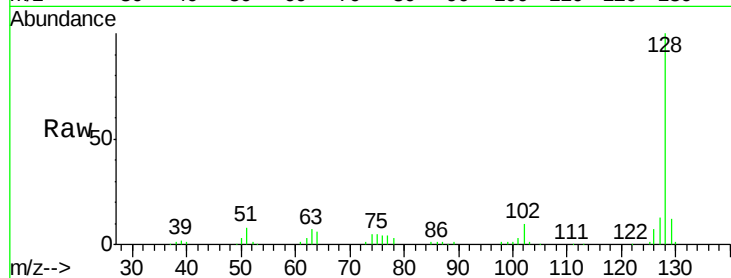




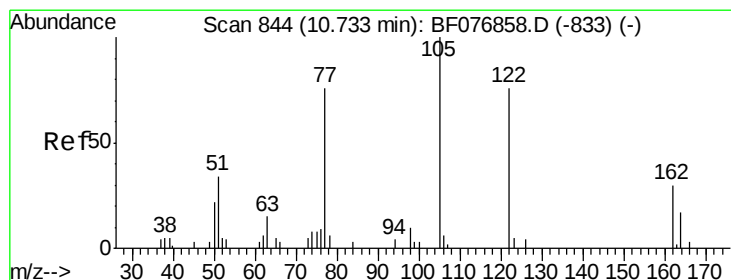
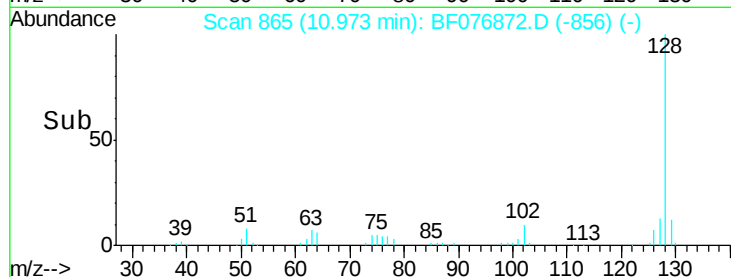
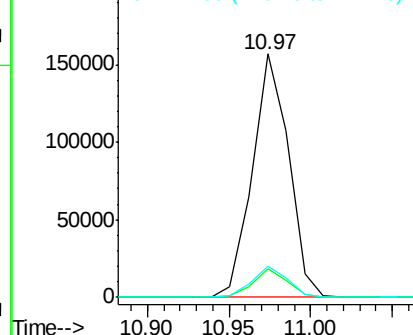
#31
Naphthalene
Concen: 35.75 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 241715
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 12.9 10.2 15.2

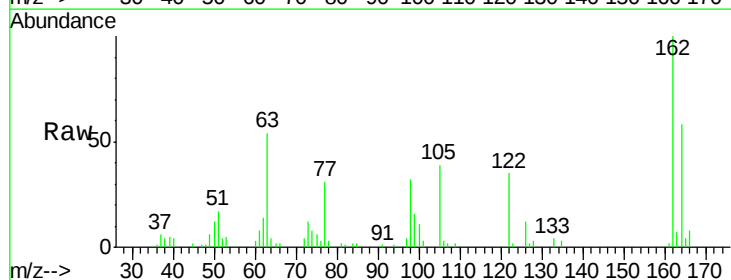


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

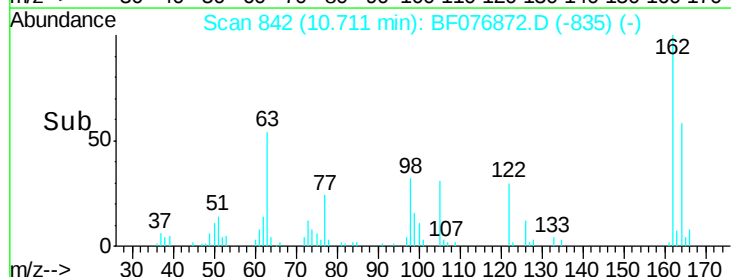
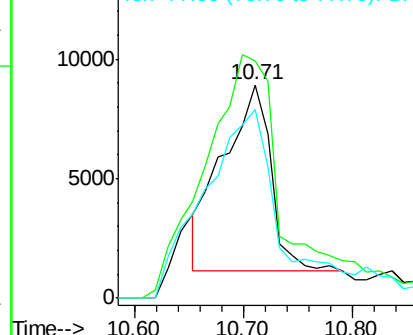


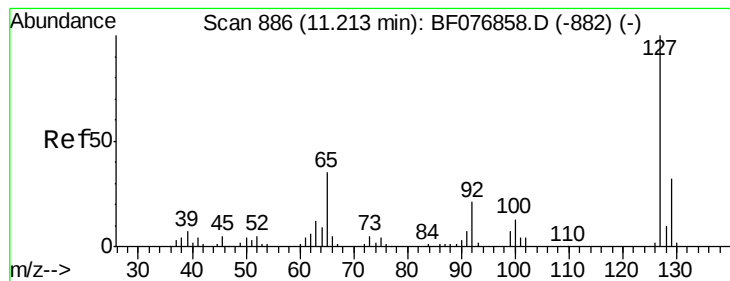
#32
Benzoic acid
Concen: 23.05 ng
RT: 10.71 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:122 Resp: 23845
Ion Ratio Lower Upper
122 100
105 111.2 111.3 151.3#
77 88.3 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: 19.84 ng

RT: 11.21 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 54211

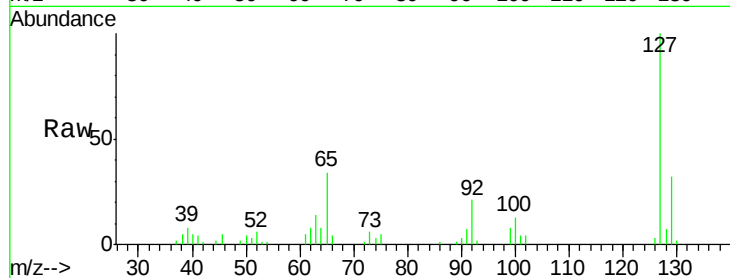
Ion Ratio Lower Upper

127 100

129 32.0 25.3 37.9

65 33.8 27.8 41.6

92 21.3 16.5 24.7

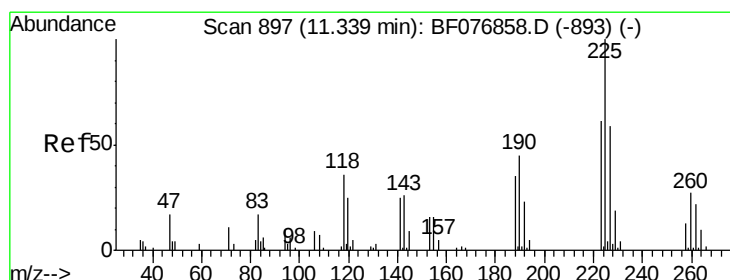
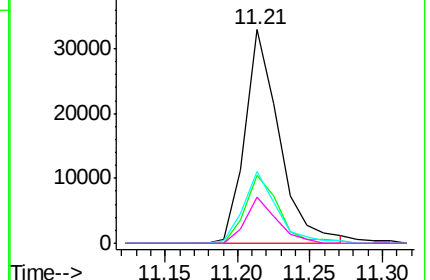
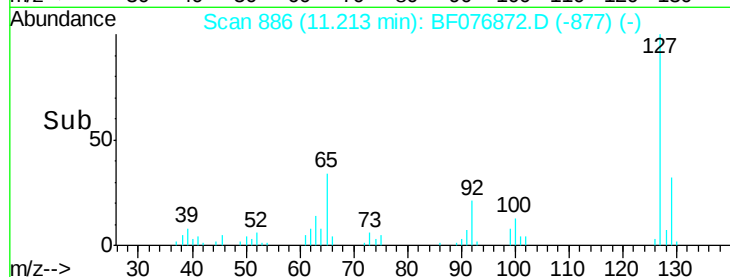


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.66 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

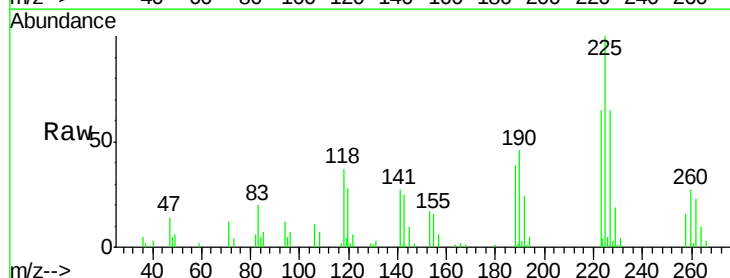
Tgt Ion:225 Resp: 39754

Ion Ratio Lower Upper

225 100

223 65.1 49.1 73.7

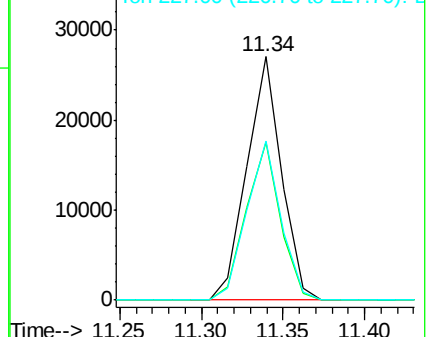
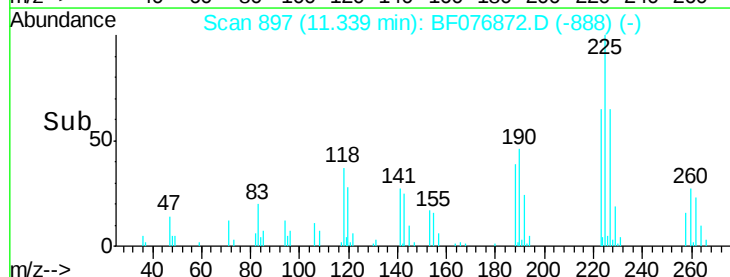
227 65.1 47.5 71.3

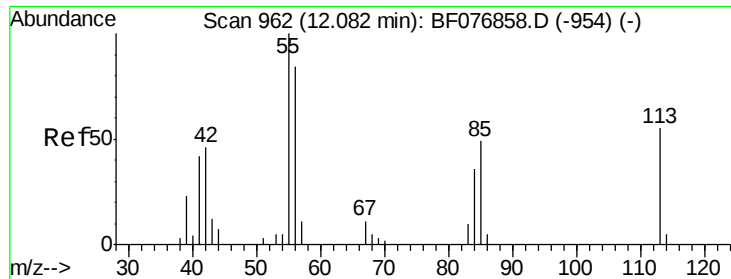


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

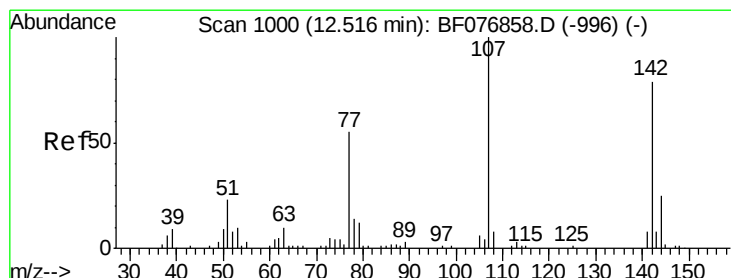
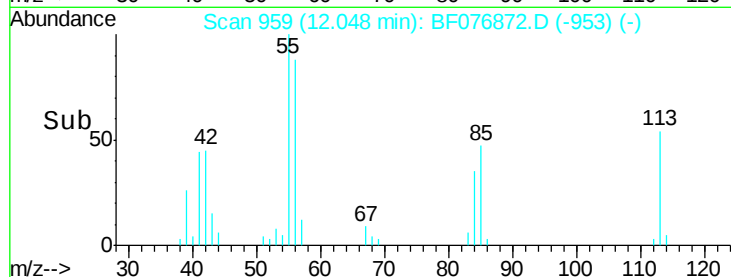
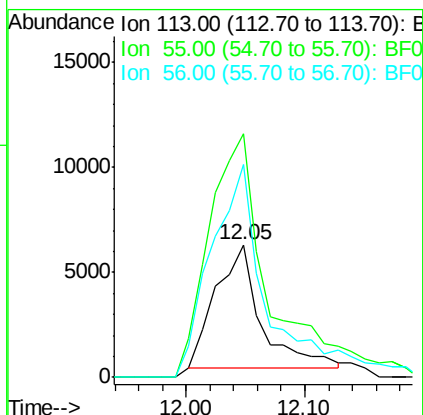
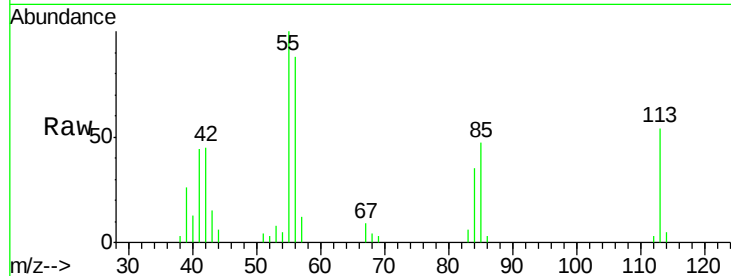




#35
 Caprolactam
 Concen: 30.52 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

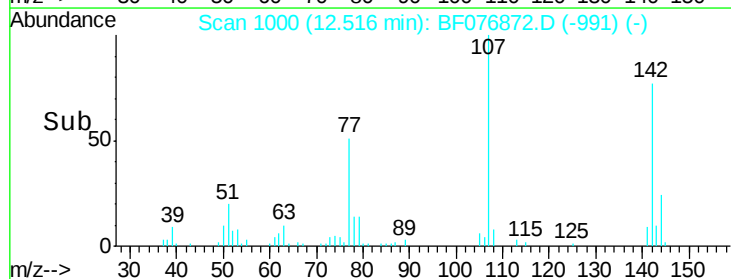
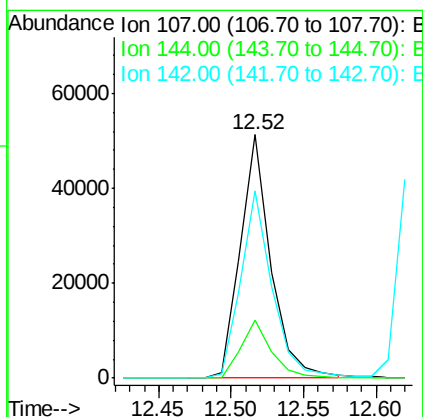
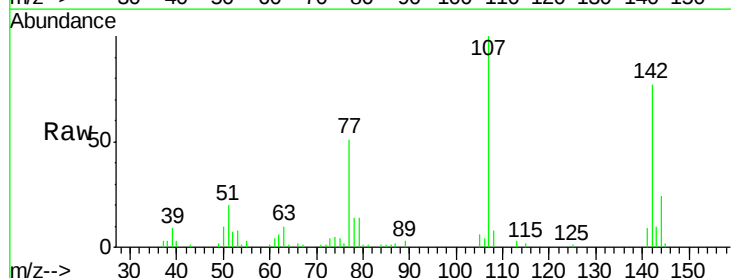
Instrument :
 BNA_F
 ClientSampleId :

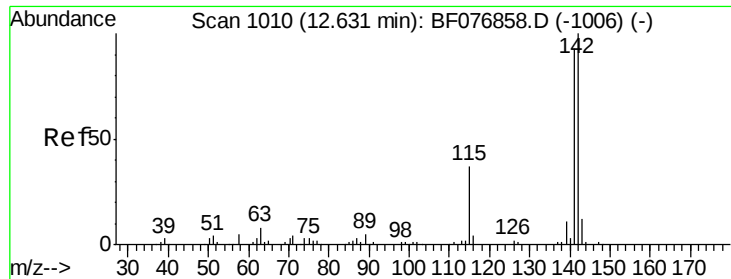
Tot Ion:113 Resp: 15637
 Ion Ratio Lower Upper
 113 100
 55 184.1 162.1 202.1
 56 161.2 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.67 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:107 Resp: 75059
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.0 30.0
 142 77.0 63.5 95.3

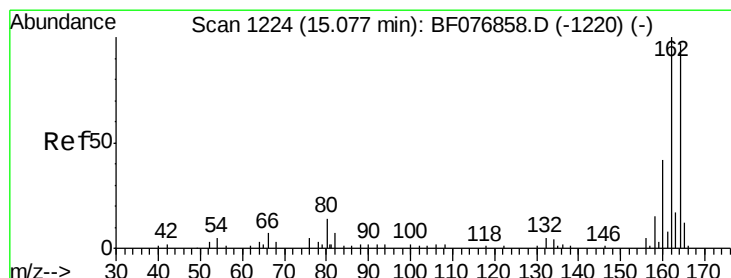
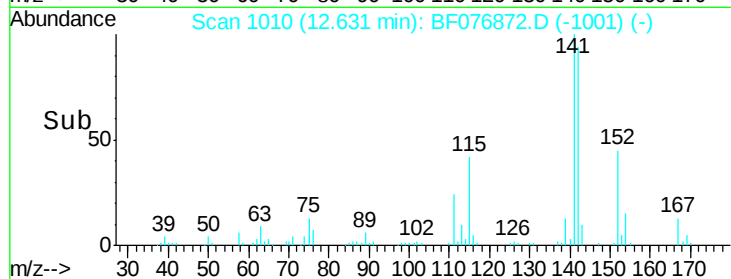
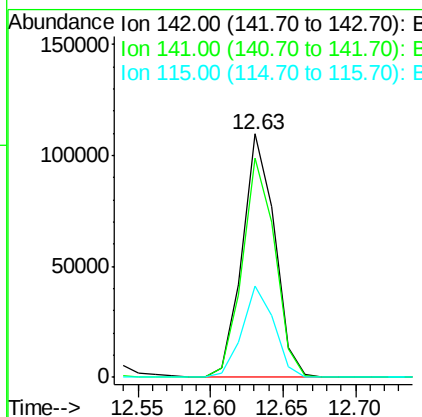
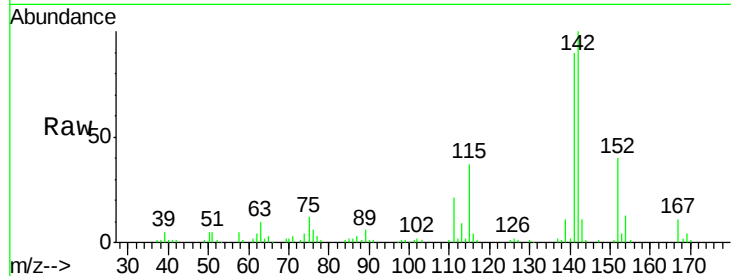




#37
2-Methylnaphthalene
Concen: 36.87 ng
RT: 12.63 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

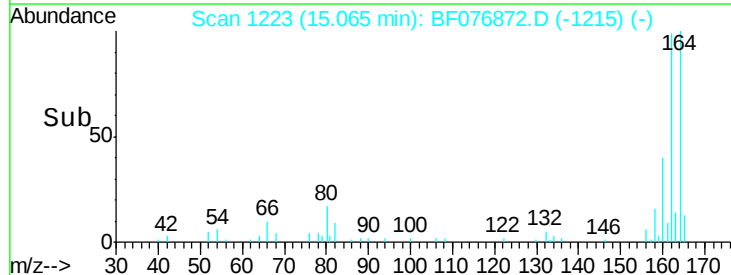
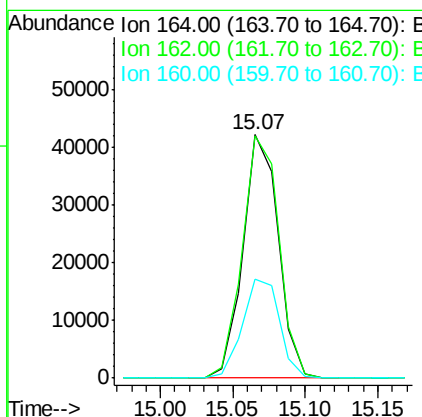
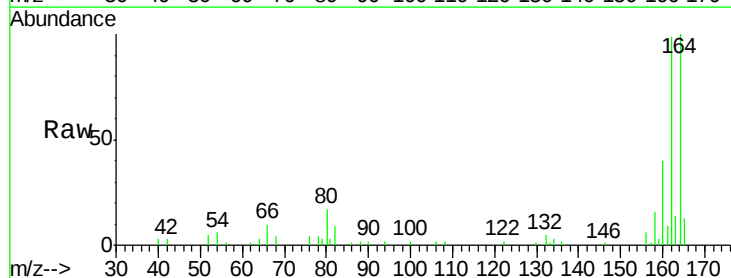
Instrument :
BNA_F
ClientSampleID :

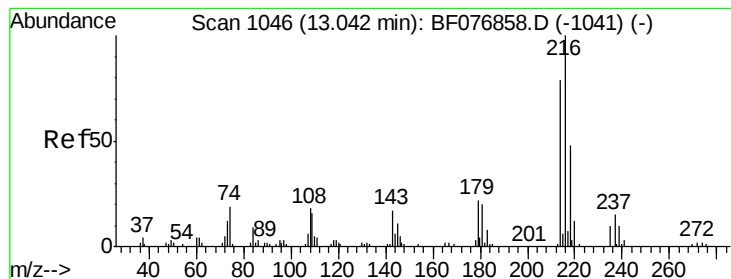
Tot Ion:142 Resp: 170253
Ion Ratio Lower Upper
142 100
141 89.9 74.5 111.7
115 37.3 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:164 Resp: 71094
Ion Ratio Lower Upper
164 100
162 99.3 82.4 123.6
160 40.4 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.02 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

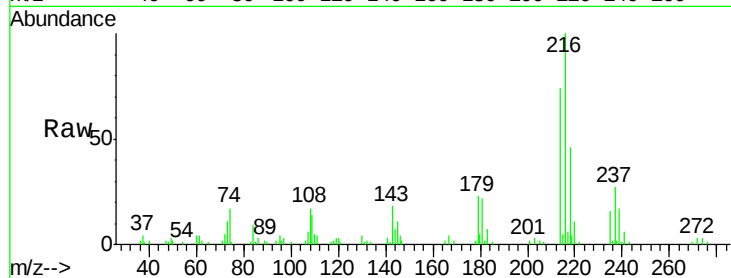
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 66830

Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.9	97.3
179	23.6	18.6	28.0
108	24.8	18.1	27.1

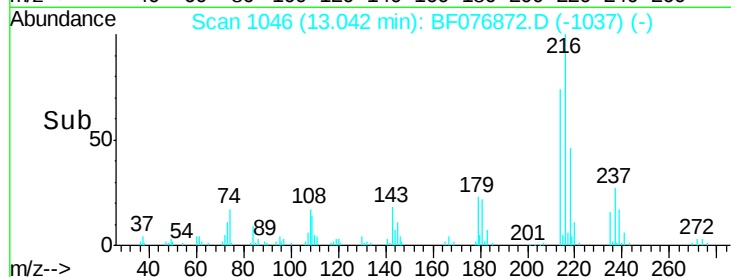


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

13.04

40000

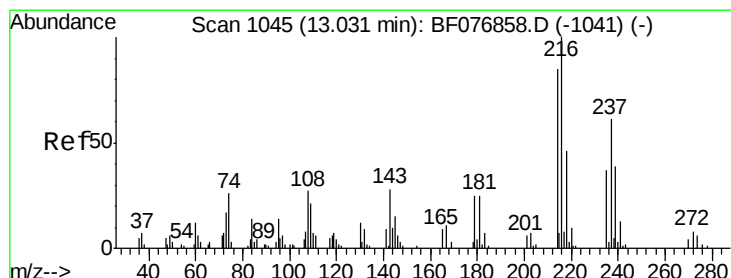
30000

20000

10000

0

12.95 13.00 13.05 13.10



#40

Hexachlorocyclopentadiene

Concen: 77.15 ng

RT: 13.03 min Scan# 1045

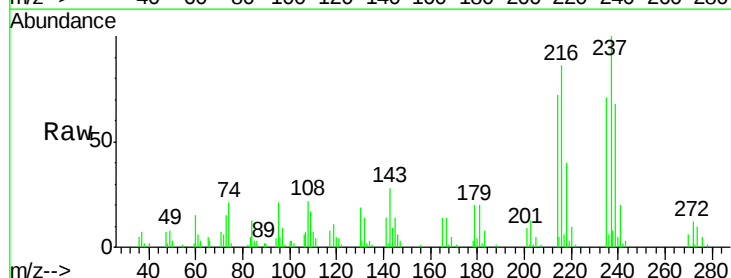
Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Tgt Ion:237 Resp: 71037

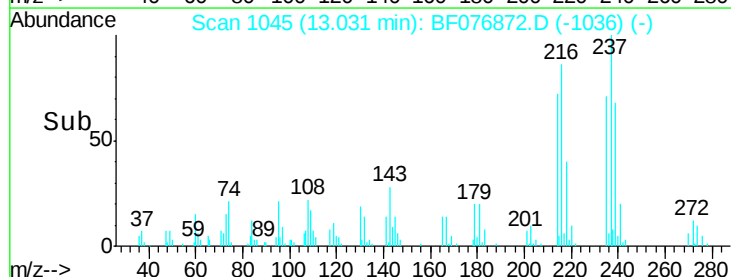
Ion	Ratio	Lower	Upper
237	100		
235	71.2	40.4	80.4
272	11.5	0.0	33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

13.03

40000

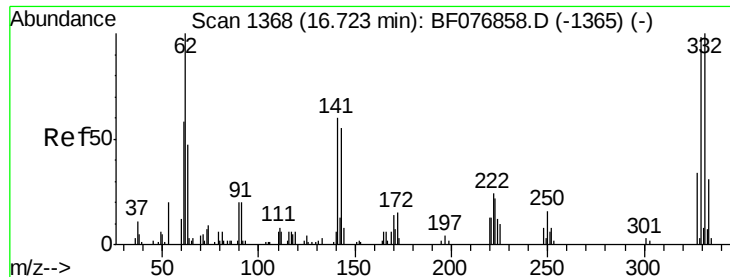
30000

20000

10000

0

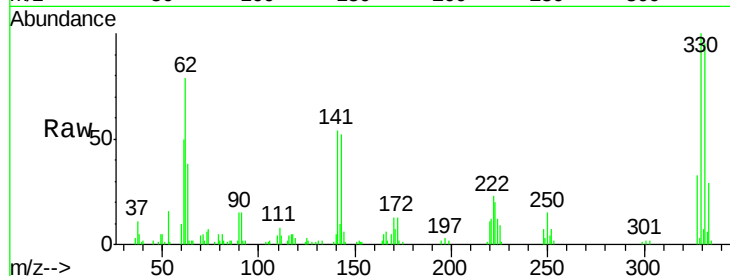
12.95 13.00 13.05



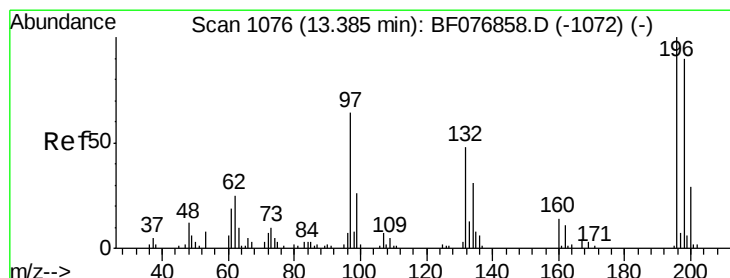
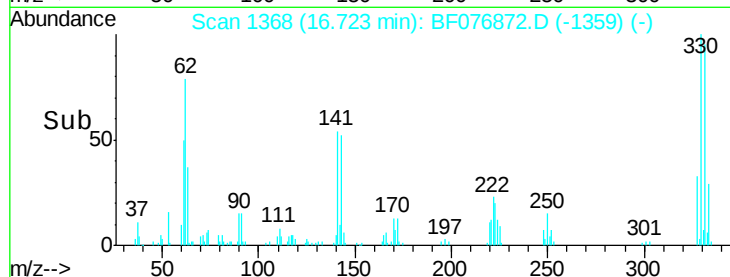
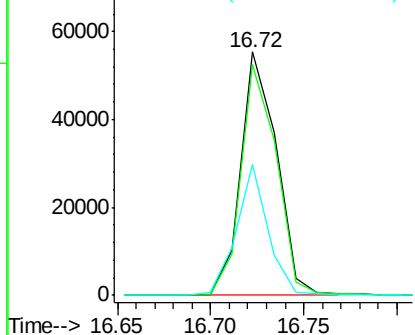
#41
 2,4,6-Tribromophenol
 Concen: 127.82 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 73763
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.8 116.6
 141 47.8 38.5 57.7

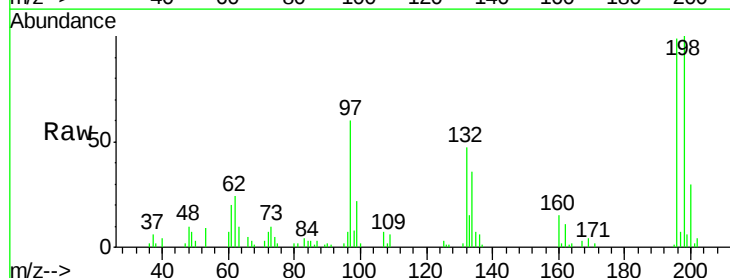


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

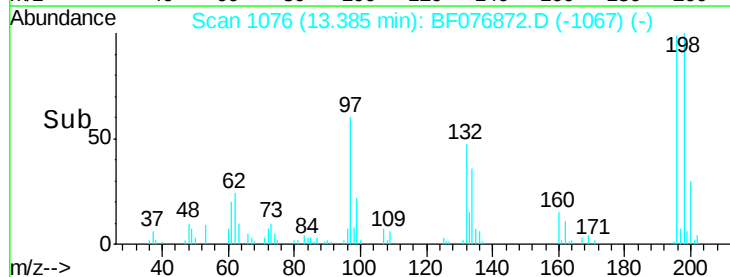
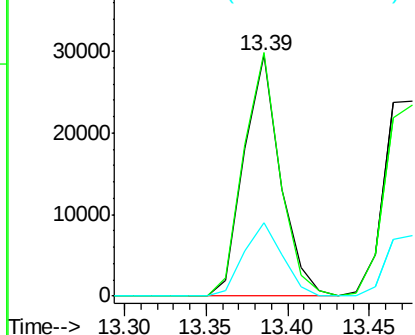


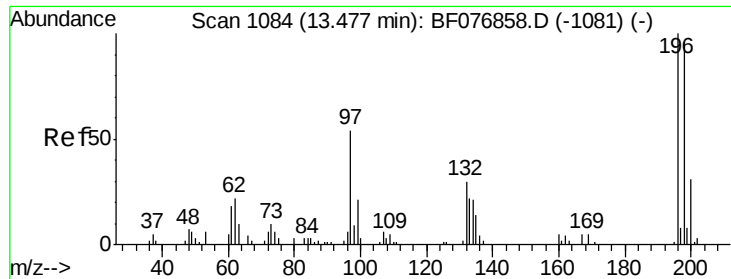
#42
 2,4,6-Trichlorophenol
 Concen: 35.75 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:196 Resp: 45779
 Ion Ratio Lower Upper
 196 100
 198 101.1 72.0 108.0
 200 30.5 23.4 35.2



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

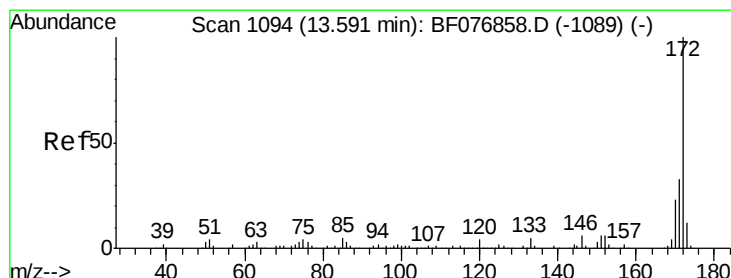
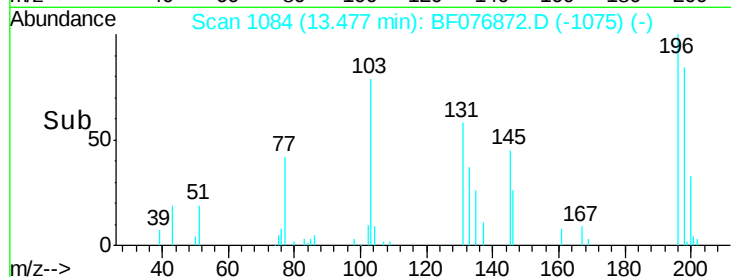
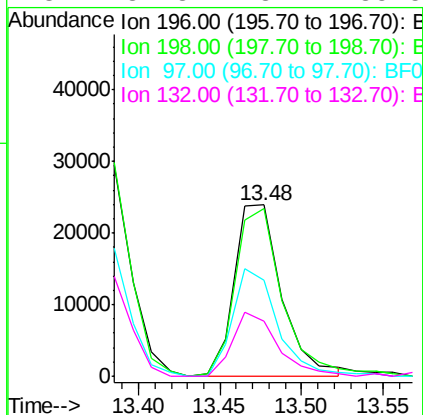
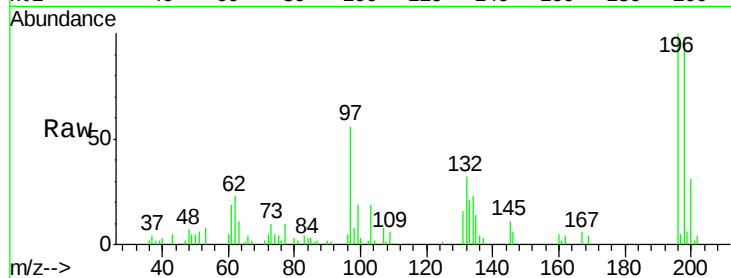




#43
 2,4,5-Trichlorophenol
 Concen: 36.88 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

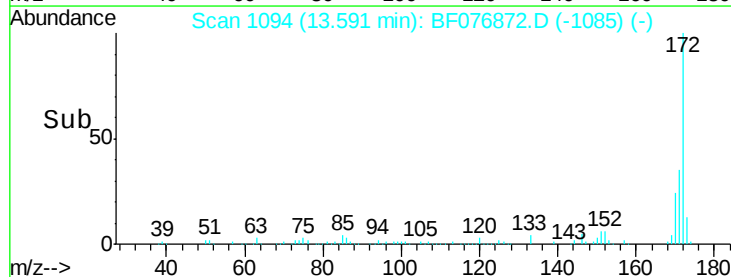
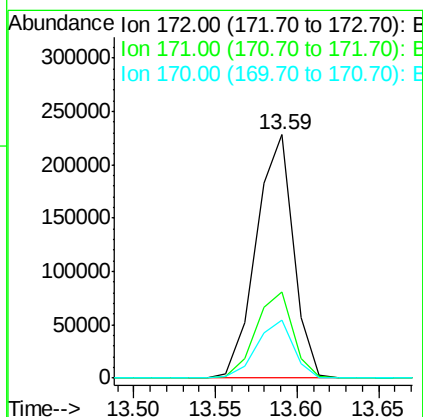
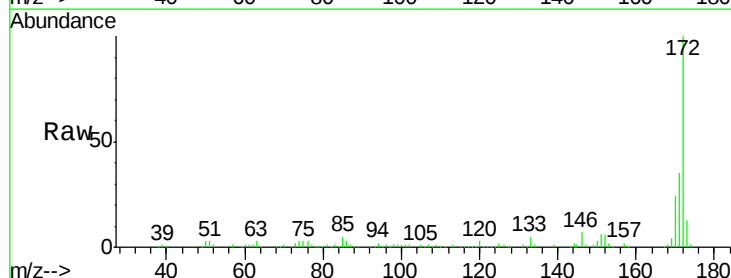
Instrument :
 BNA_F
 ClientSampleId :

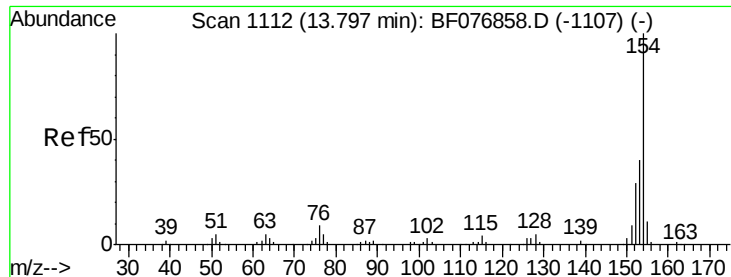
Tot Ion:196 Resp: 48166
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.6 115.0
 97 56.4 43.4 65.0
 132 32.3 23.7 35.5



#44
 2-Fluorobiphenyl
 Concen: 77.38 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:172 Resp: 361481
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 40.0
 170 23.8 18.0 27.0

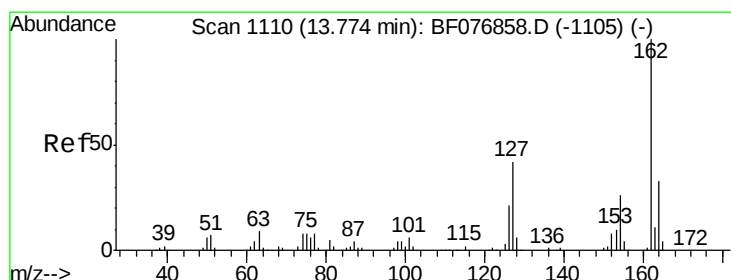
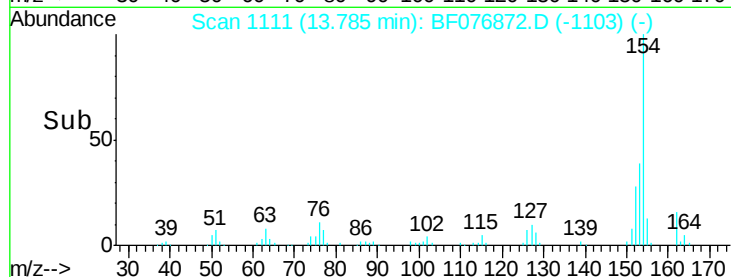
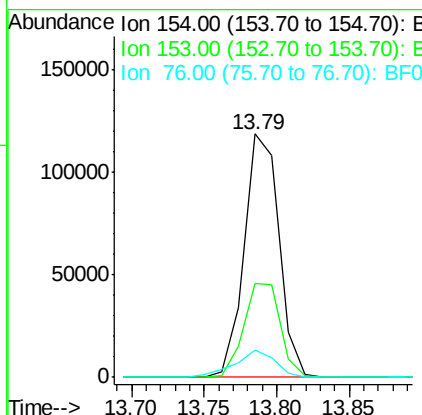
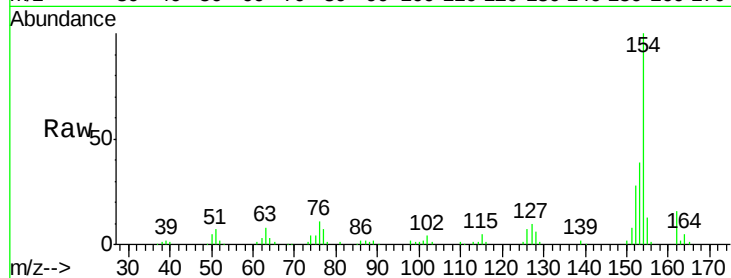




#45
 1,1'-Biphenyl
 Concen: 37.31 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

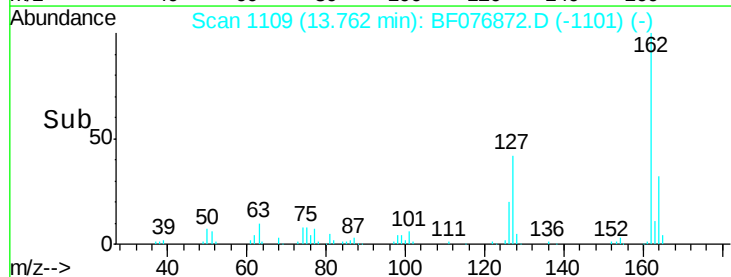
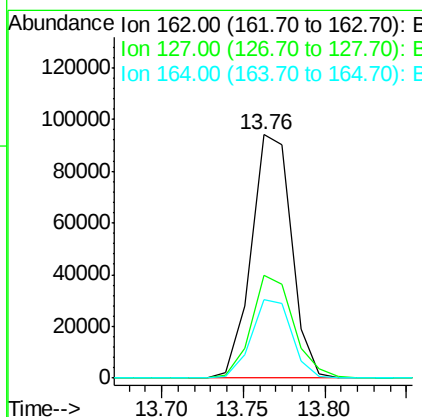
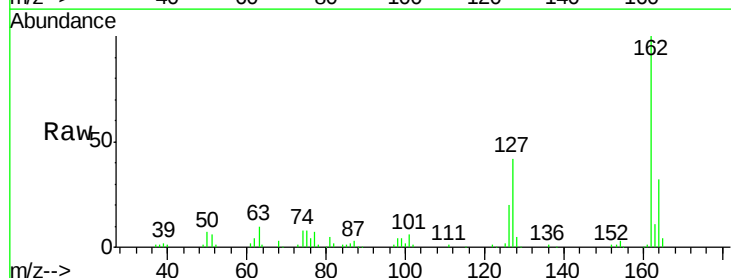
Instrument :
 BNA_F
 ClientSampleId :

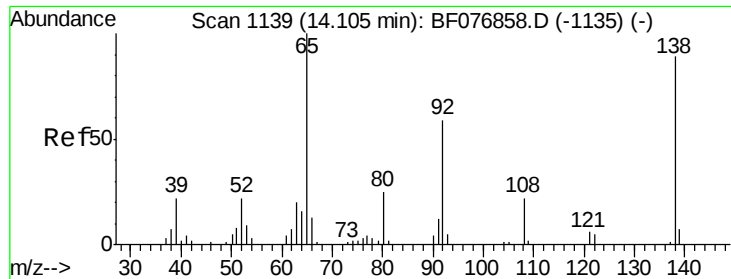
Tot Ion:154 Resp: 196648
 Ion Ratio Lower Upper
 154 100
 153 38.6 20.2 60.2
 76 11.3 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 37.17 ng
 RT: 13.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:162 Resp: 161216
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.8 50.6
 164 32.3 26.8 40.2

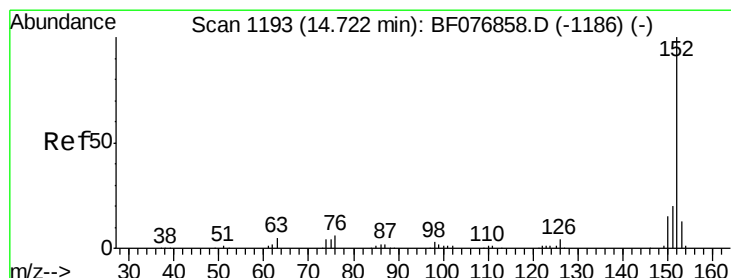
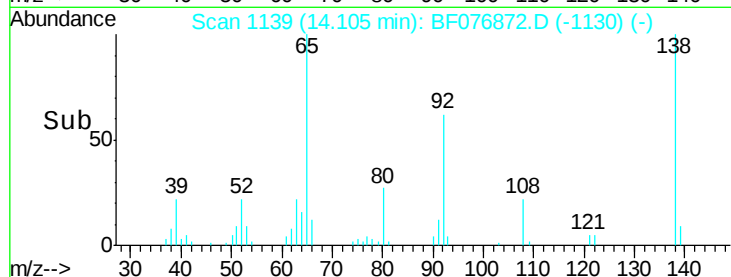
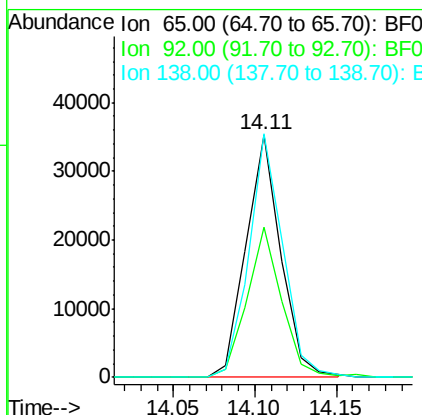
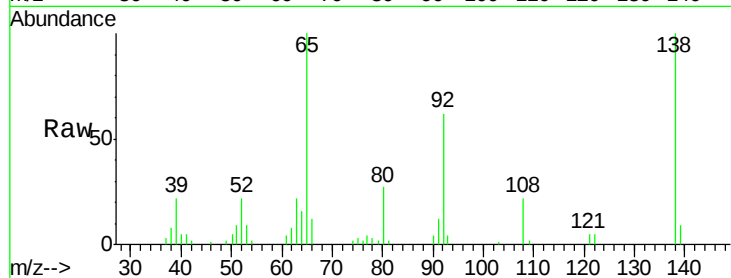




#47
2-Nitroaniline
Concen: 39.73 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

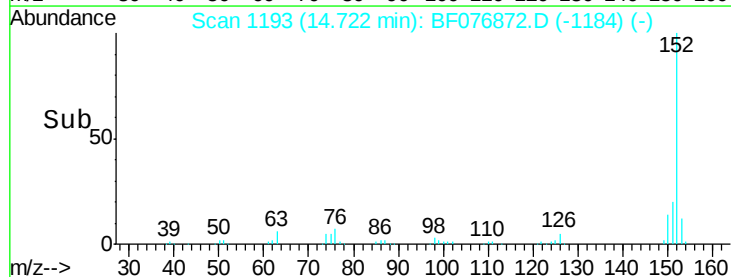
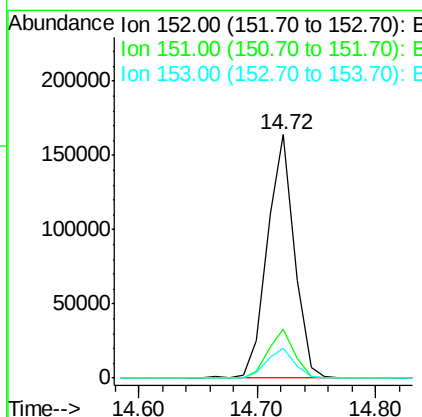
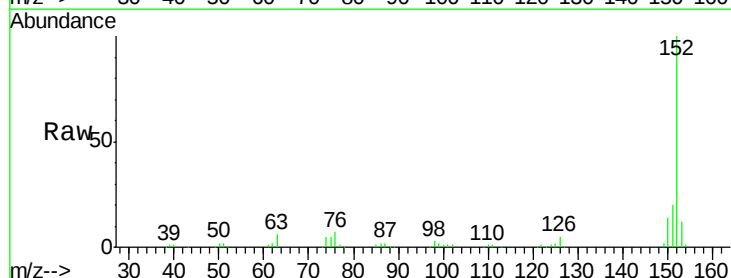
Instrument :
BNA_F
ClientSampled :

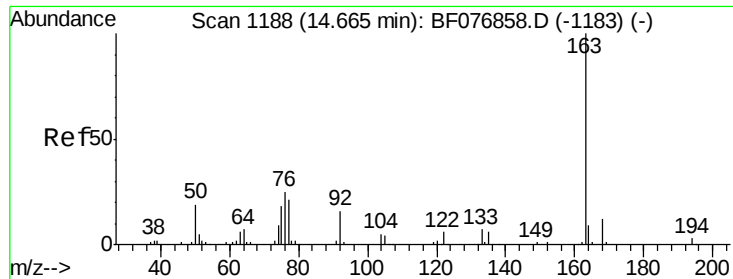
Tot Ion: 65 Resp: 52278
Ion Ratio Lower Upper
65 100
92 62.1 47.3 70.9
138 100.3 71.4 107.2



#48
Acenaphthylene
Concen: 35.54 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion: 152 Resp: 259991
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.5 10.2 15.4





#49

Dimethylphthalate

Concen: 38.84 ng

RT: 14.65 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

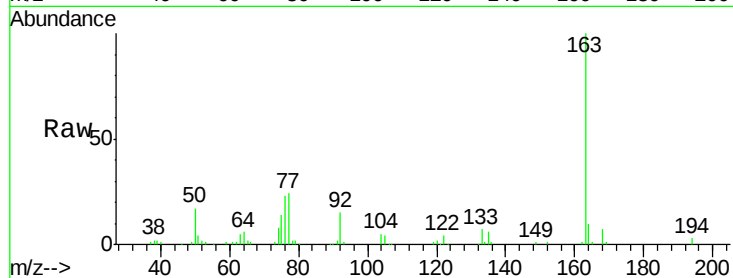
Tot Ion:163 Resp: 195808

Ion Ratio Lower Upper

163 100

194 2.6 2.6 4.0#

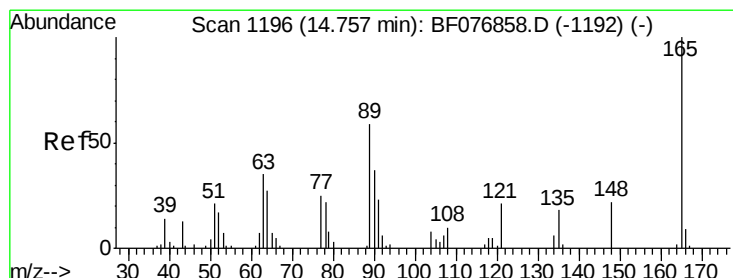
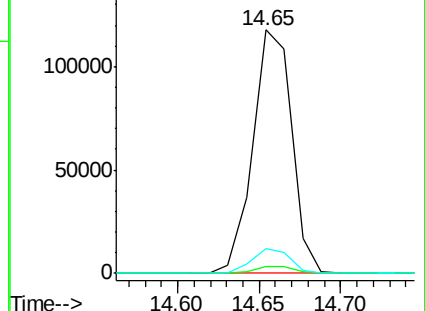
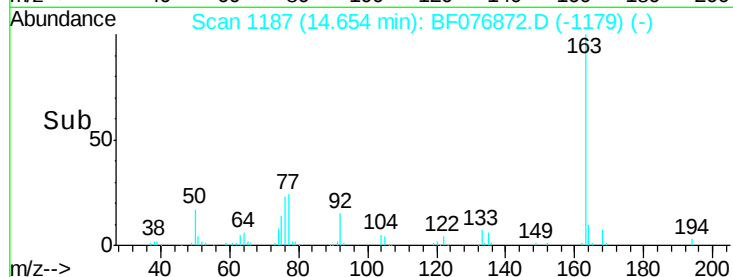
164 10.3 7.5 11.3



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: 41.10 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

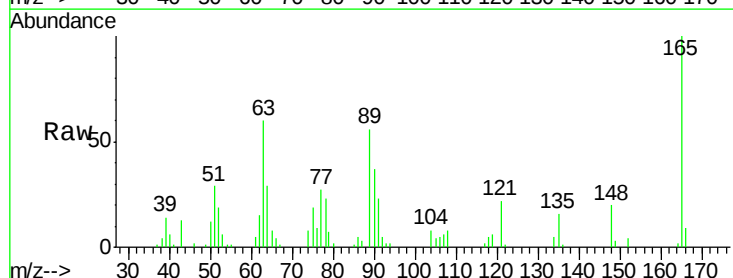
Tgt Ion:165 Resp: 41397

Ion Ratio Lower Upper

165 100

63 60.1 48.1 72.1

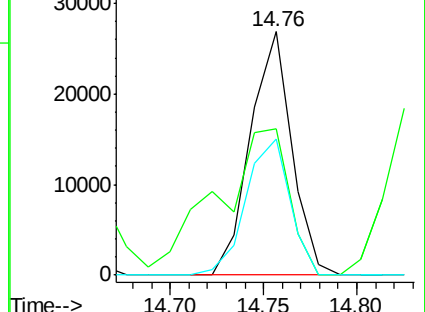
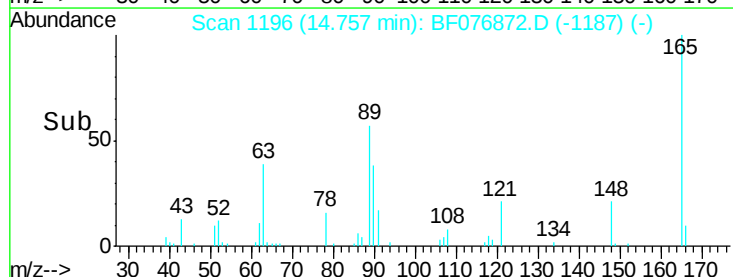
89 55.9 47.2 70.8

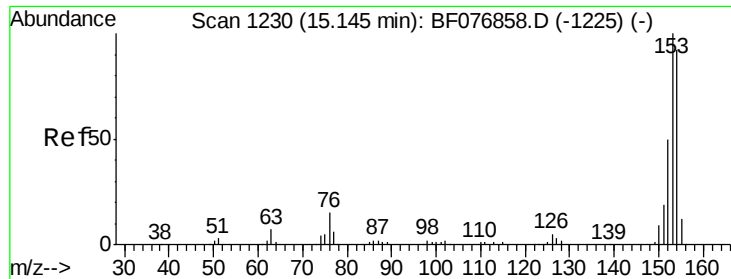


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.28 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

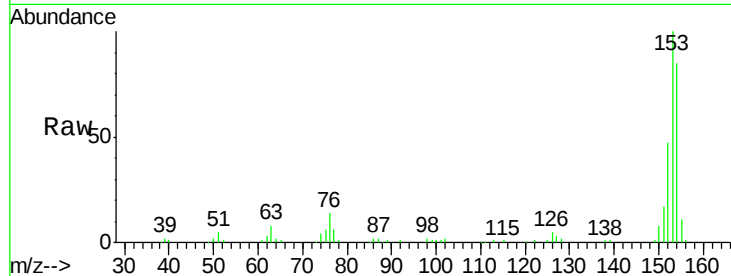
Tot Ion:154 Resp: 146418

Ion Ratio Lower Upper

154 100

153 118.2 87.0 130.6

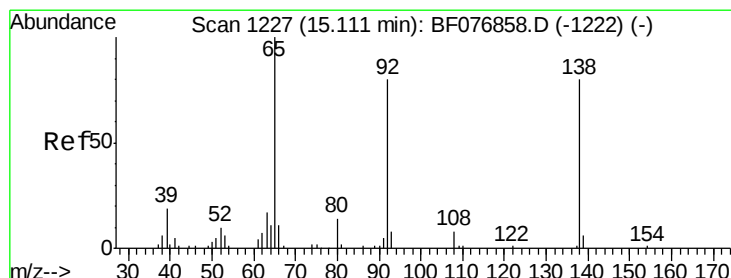
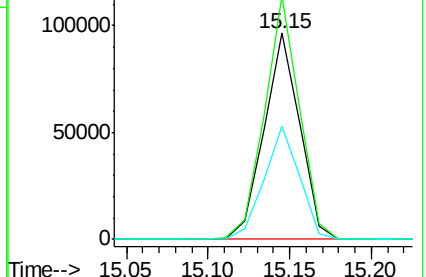
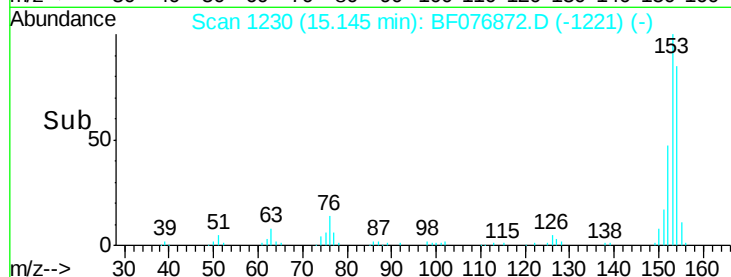
152 55.2 43.5 65.3



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: 22.86 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

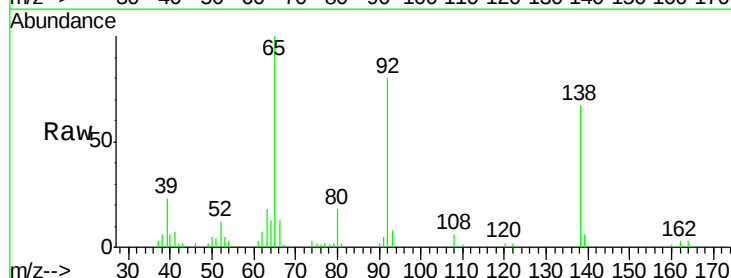
Tgt Ion:138 Resp: 30237

Ion Ratio Lower Upper

138 100

108 9.4 8.3 12.5

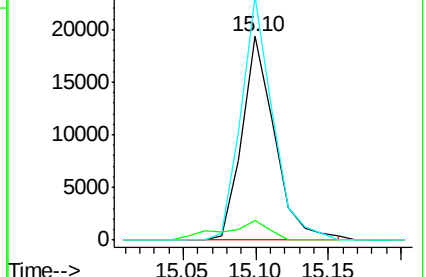
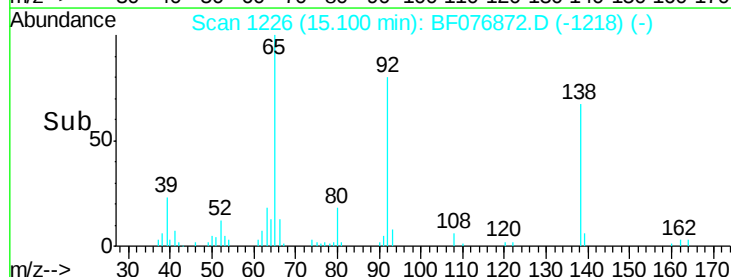
92 119.5 80.9 121.3

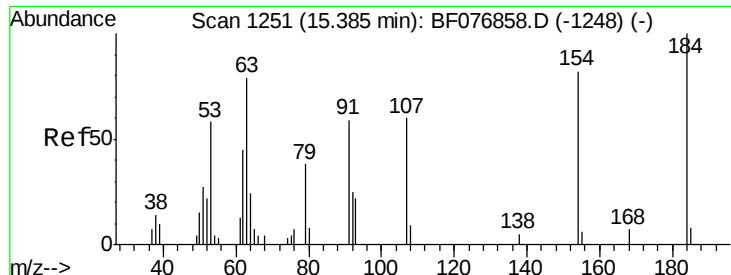


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

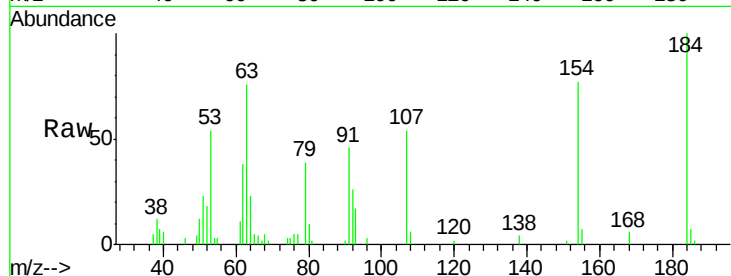




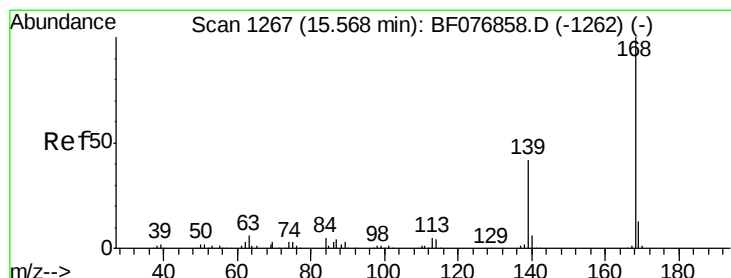
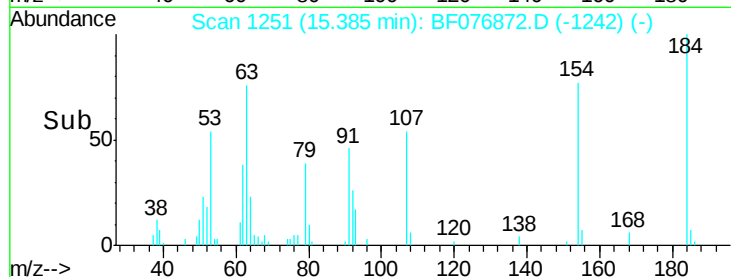
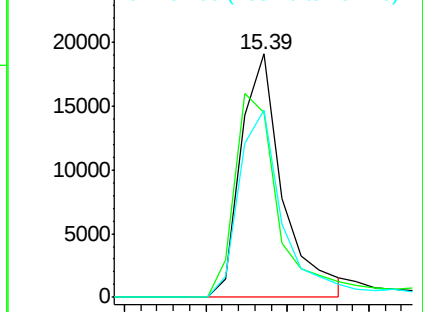
#53
 2,4-Dinitrophenol
 Concen: 77.73 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 34022
 Ion Ratio Lower Upper
 184 100
 63 75.8 63.0 94.6
 154 76.9 65.5 98.3

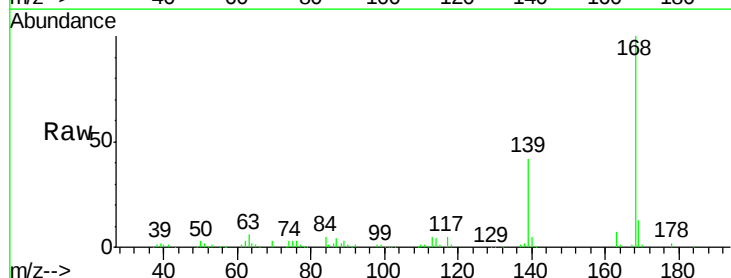


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

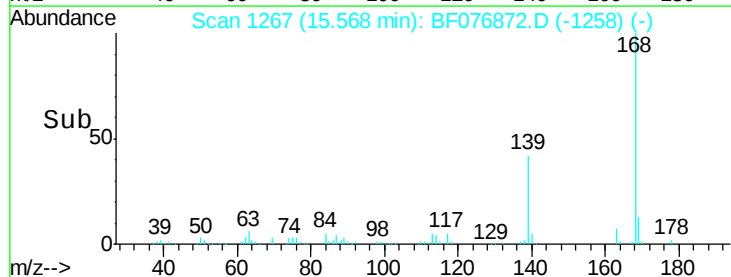
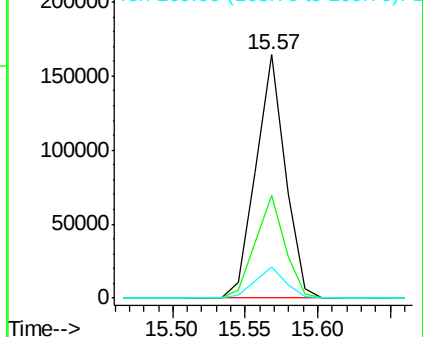


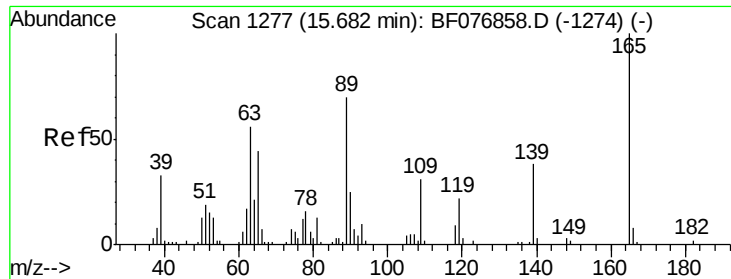
#54
 Dibenzofuran
 Concen: 38.33 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:168 Resp: 231766
 Ion Ratio Lower Upper
 168 100
 139 42.2 33.4 50.2
 169 12.9 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

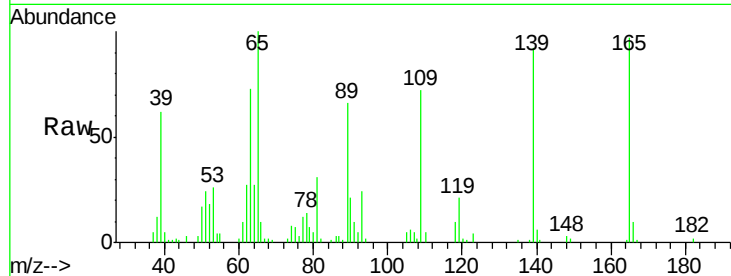




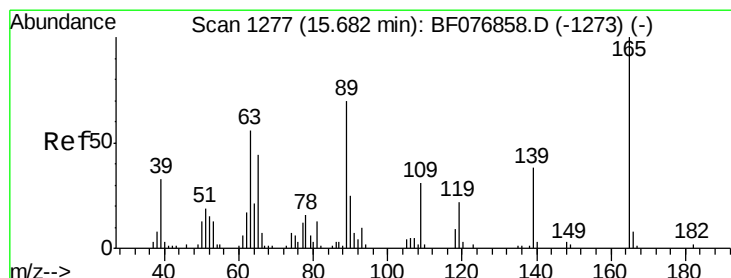
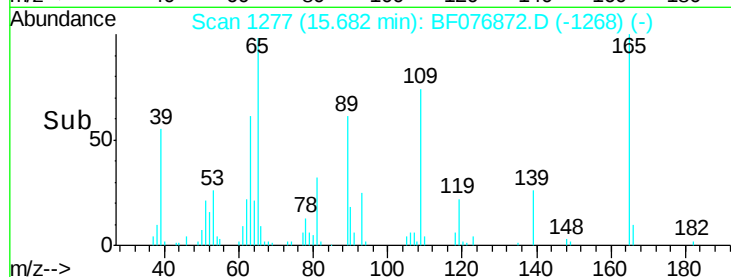
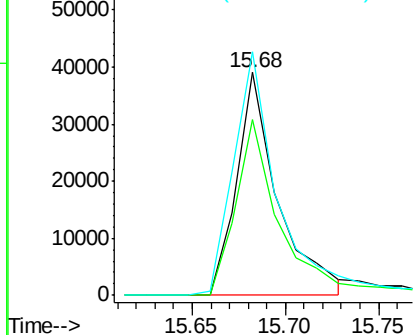
#55
4-Nitrophenol
Concen: 76.12 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 60161
Ion Ratio Lower Upper
139 100
109 78.7 61.0 101.0
65 109.3 96.6 136.6

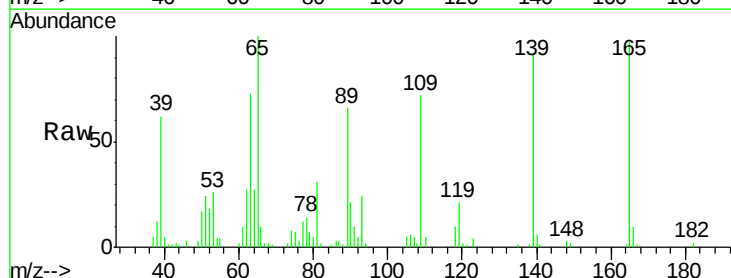


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

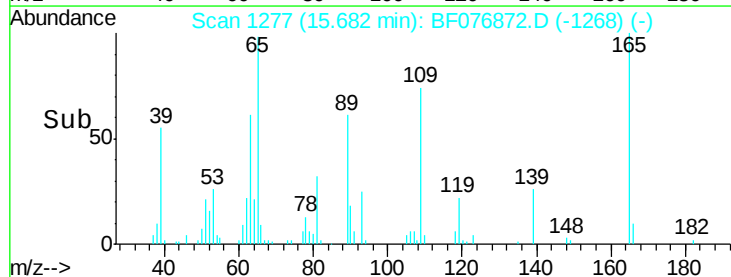
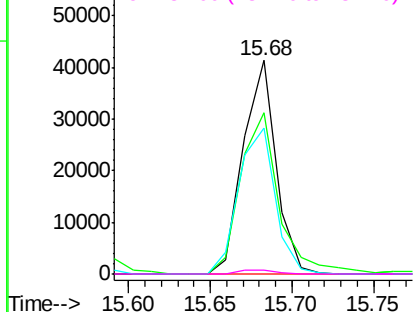


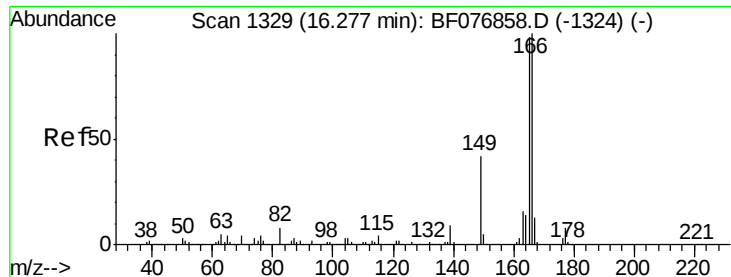
#56
2,4-Dinitrotoluene
Concen: 38.11 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:165 Resp: 57906
Ion Ratio Lower Upper
165 100
63 75.6 44.8 67.2#
89 68.3 56.2 84.2
182 2.1 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

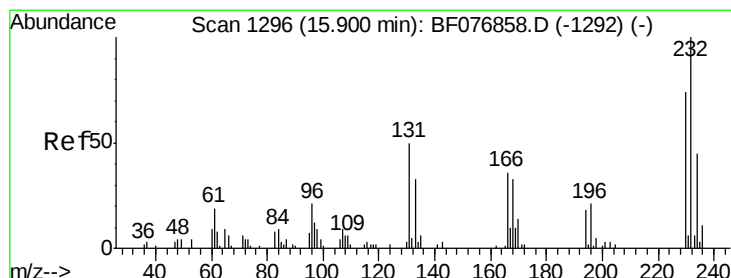
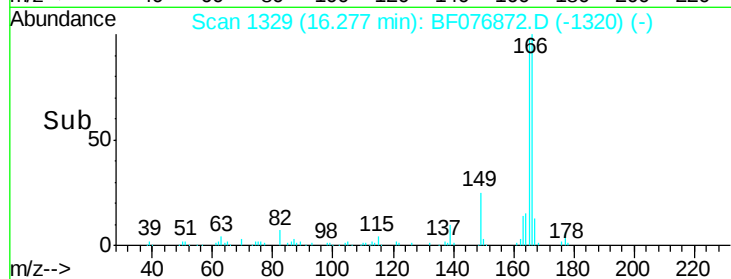
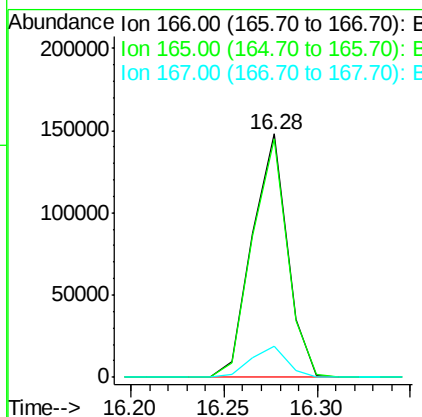
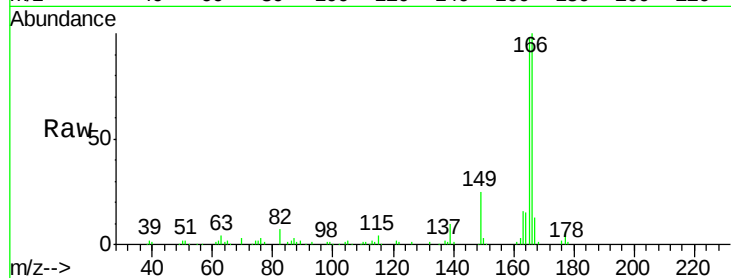




#57
 Fluorene
 Concen: 37.66 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

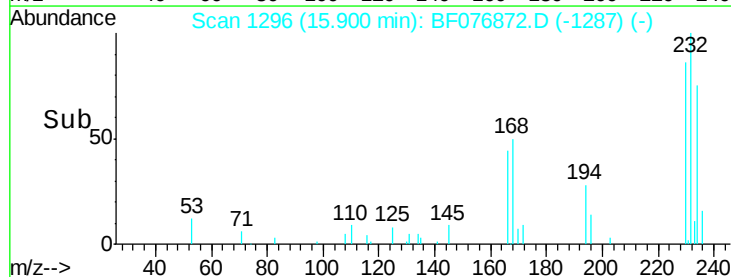
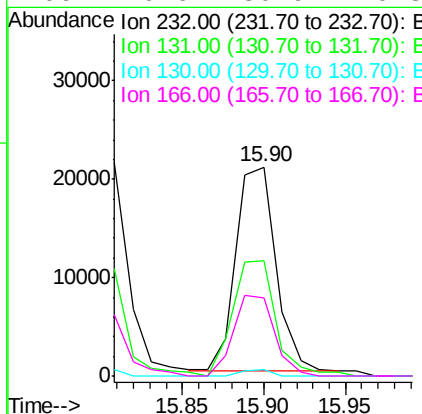
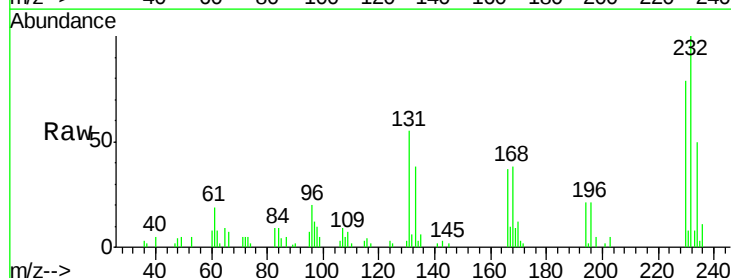
Instrument :
 BNA_F
 ClientSampleId :

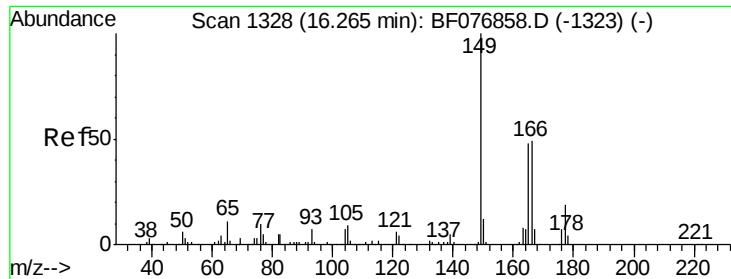
Tot Ion:166 Resp: 192936
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.69 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:232 Resp: 34890
 Ion Ratio Lower Upper
 232 100
 131 56.1 45.0 67.6
 130 2.4 2.6 3.8#
 166 40.6 30.9 46.3

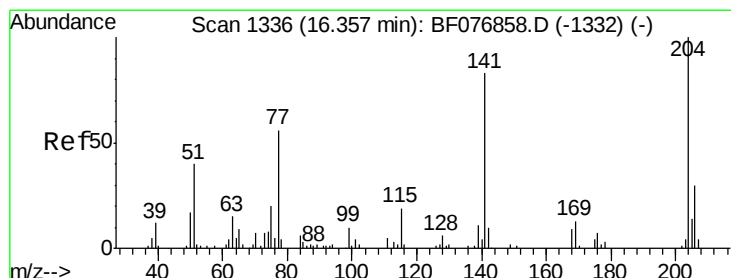
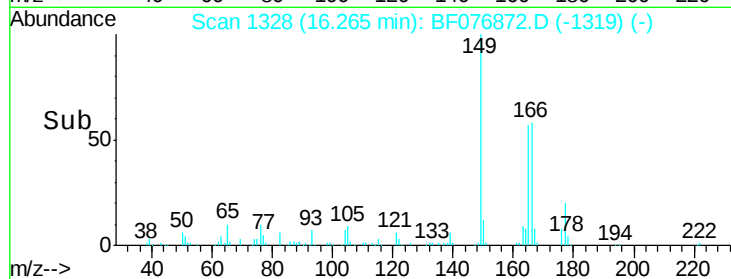
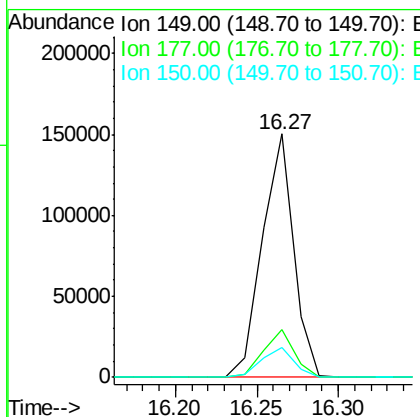
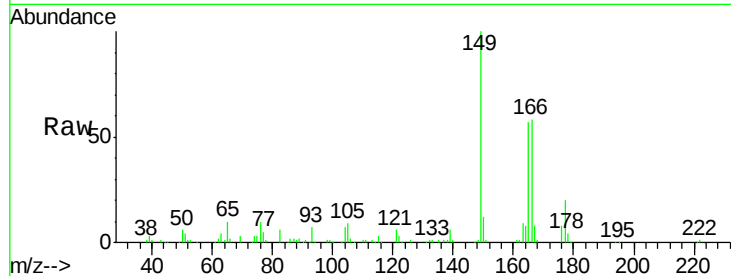




#59
Diethylphthalate
Concen: 39.63 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

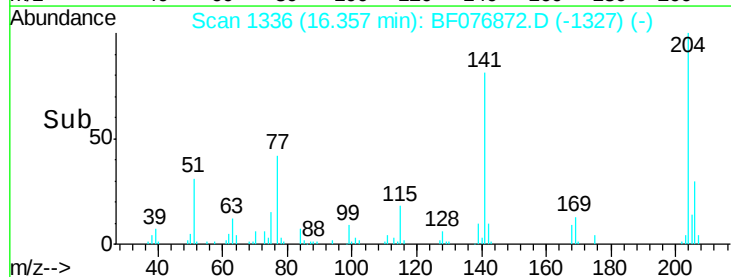
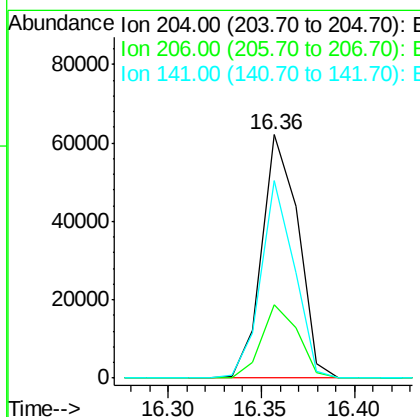
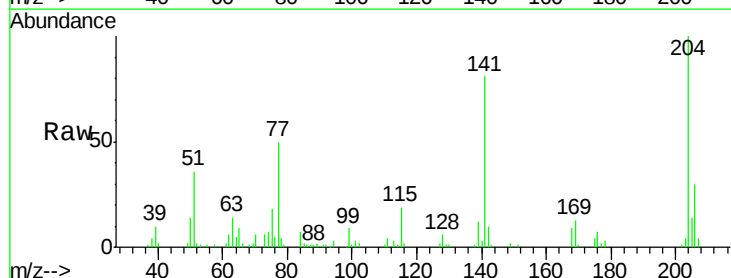
Instrument :
BNA_F
ClientSampleId :

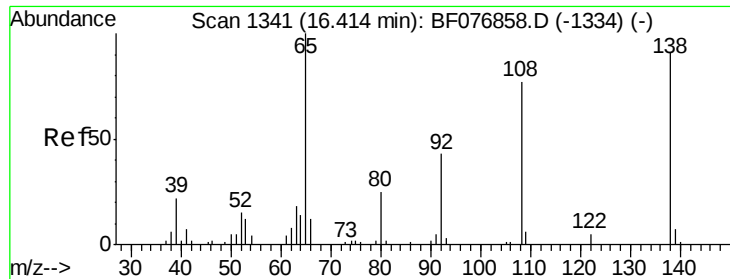
Tot Ion:149 Resp: 201958
Ion Ratio Lower Upper
149 100
177 19.6 15.0 22.6
150 12.2 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 40.10 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:204 Resp: 84042
Ion Ratio Lower Upper
204 100
206 30.4 24.2 36.2
141 81.0 66.7 100.1

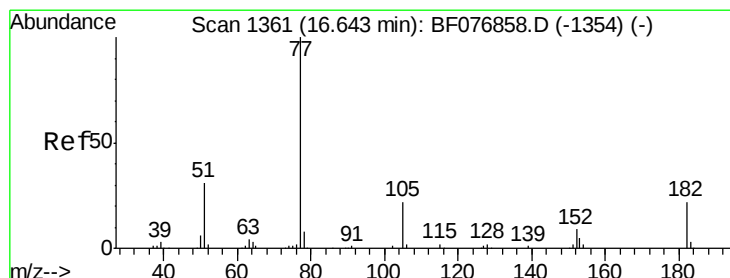
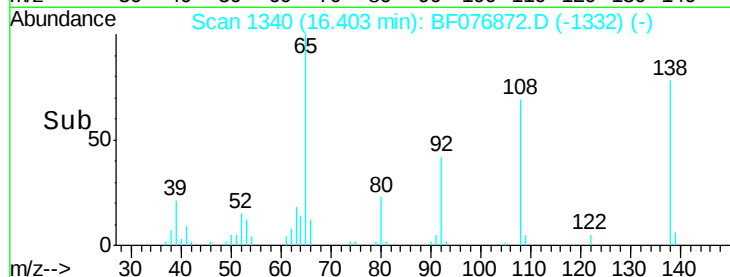
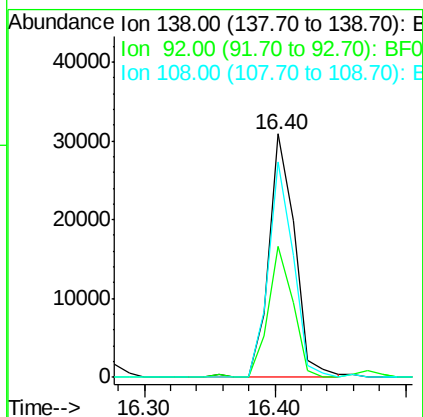
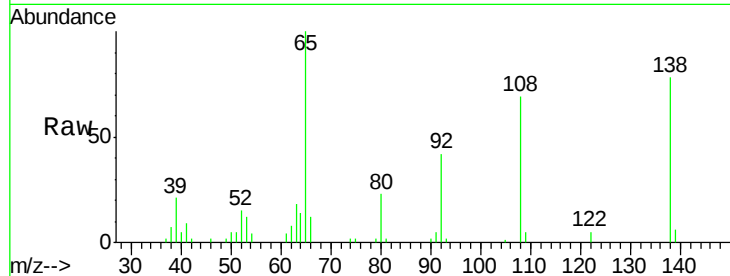




#61
4-Nitroaniline
Concen: 33.70 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

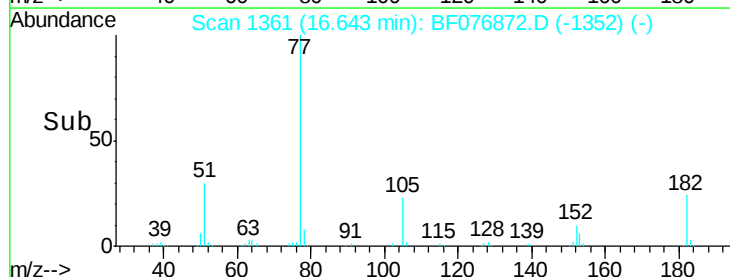
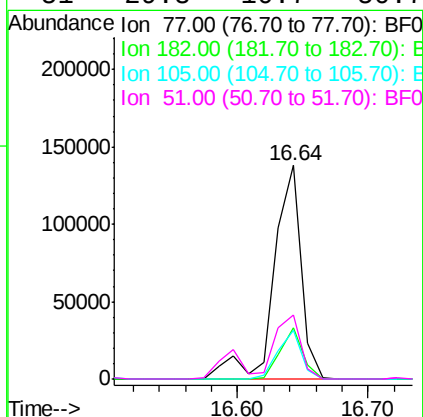
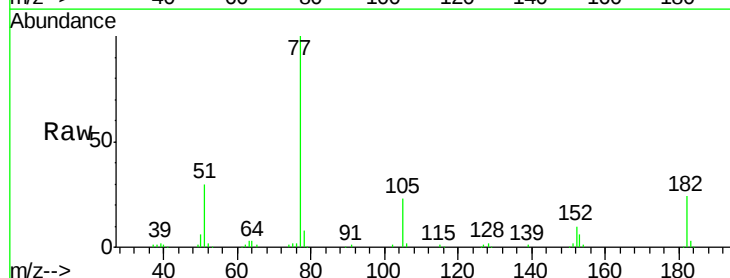
Instrument :
BNA_F
ClientSampleId :

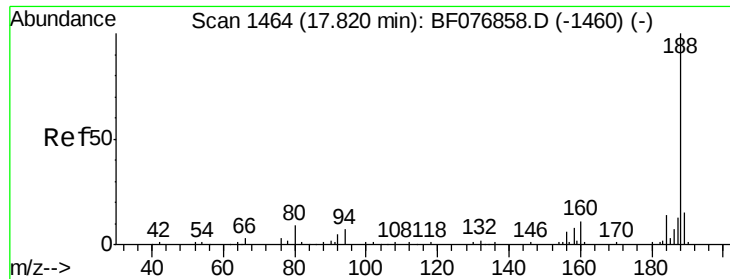
Tot Ion:138 Resp: 42961
Ion Ratio Lower Upper
138 100
92 53.9 26.7 66.7
108 88.3 64.5 104.5



#62
Azobenzene
Concen: 38.48 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion: 77 Resp: 204303
Ion Ratio Lower Upper
77 100
182 23.7 2.0 42.0
105 22.9 2.3 42.3
51 29.8 10.7 50.7

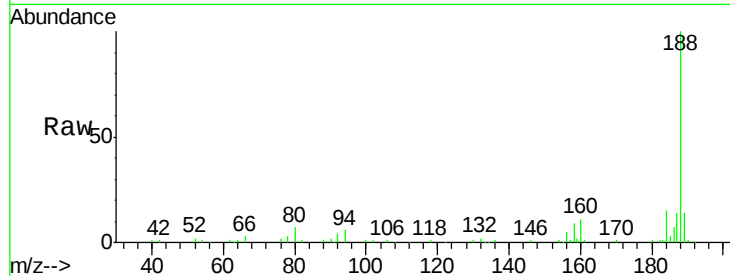




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

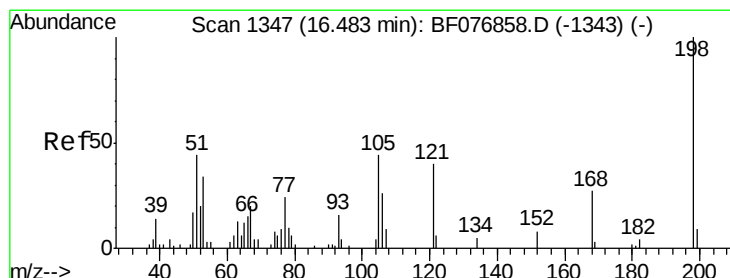
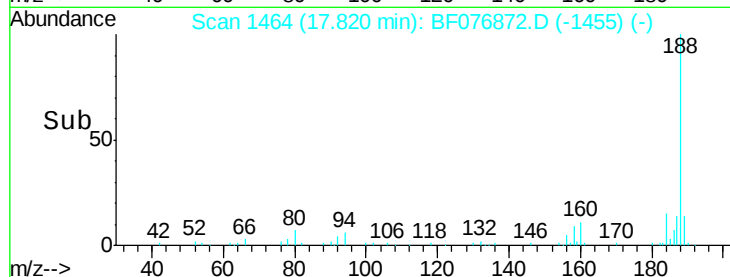
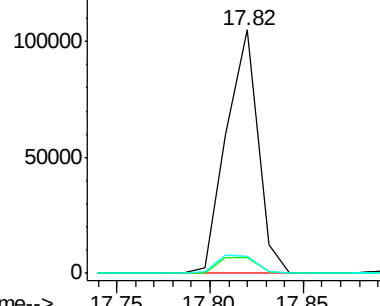
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.0	9.0
80	7.0	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): E

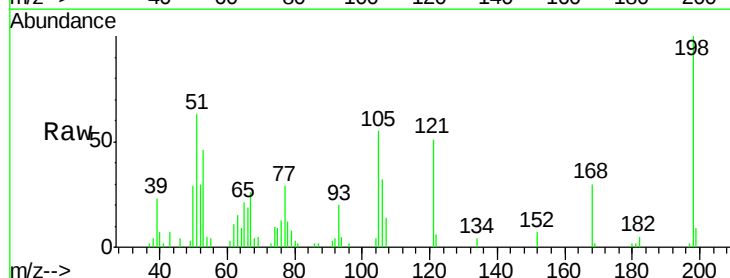
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.76 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

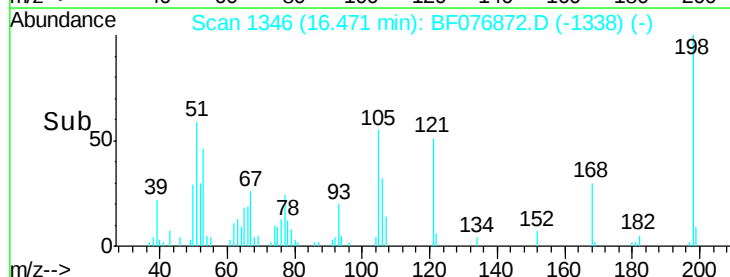
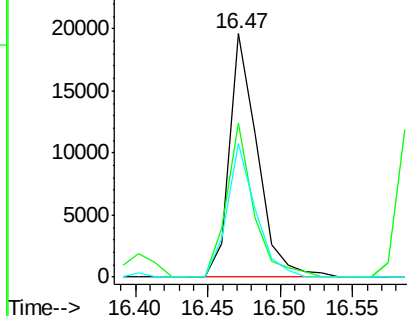
Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.4	24.2	64.2
105	55.1	24.0	64.0

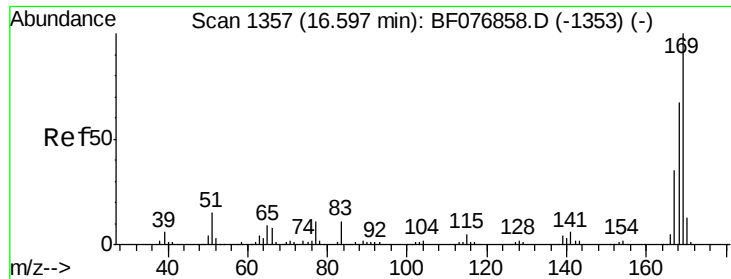


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

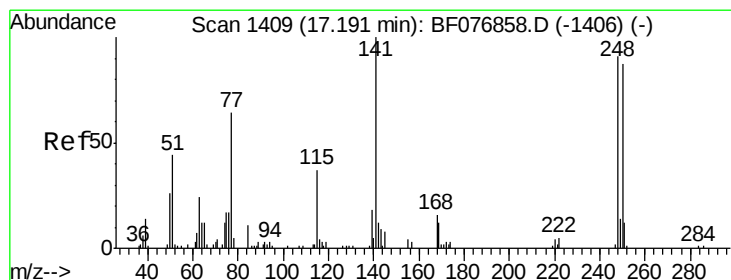
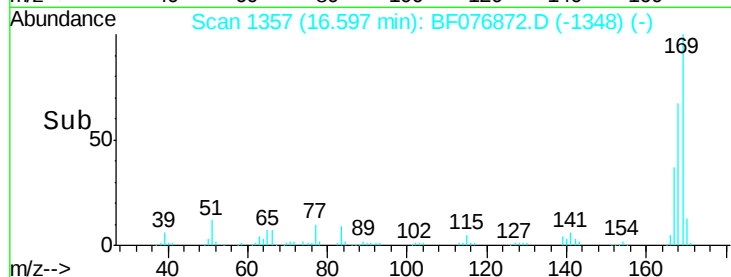
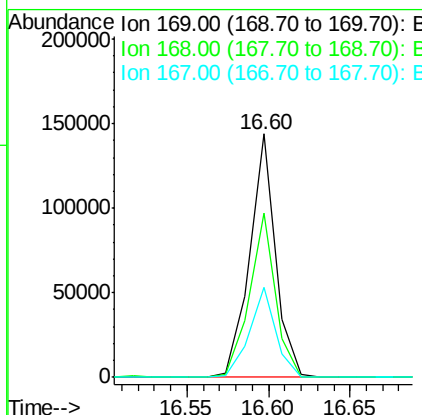
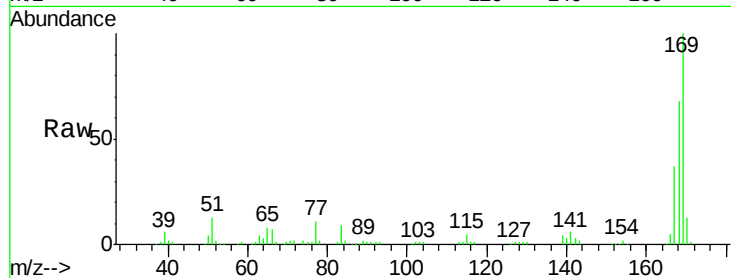




#65
n-Nitrosodiphenylamine
Concen: 35.91 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

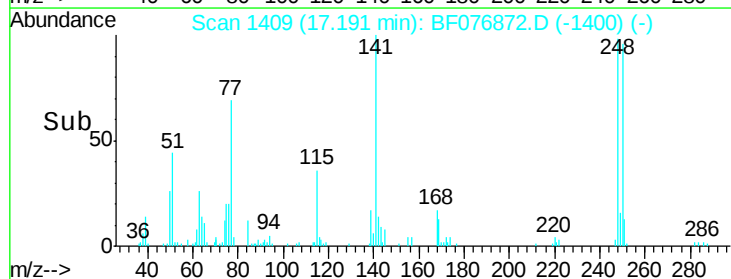
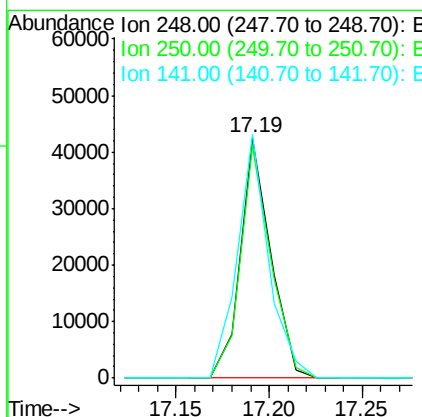
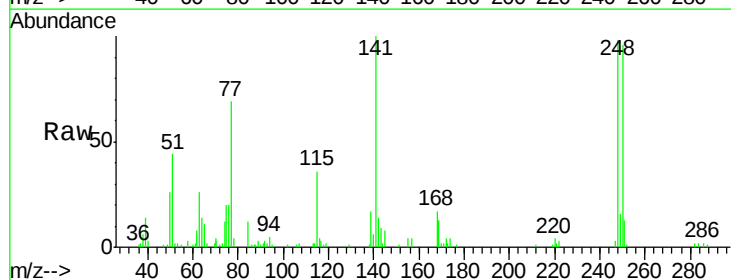
Instrument :
BNA_F
ClientSampleId :

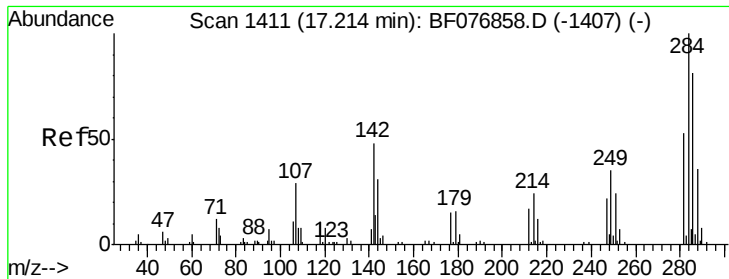
Tot Ion	169	Resp	158209
Ion Ratio	100	Lower	Upper
168	67.6	53.8	80.6
167	37.2	27.8	41.6



#66
4-Bromophenyl-phenylether
Concen: 38.26 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion	248	Resp	47892
Ion Ratio	100	Lower	Upper
250	97.0	77.1	115.7
141	101.5	88.2	132.4

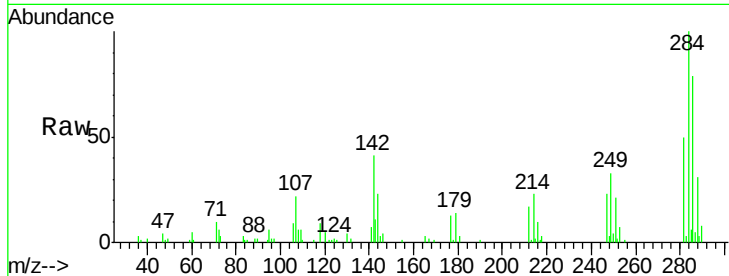




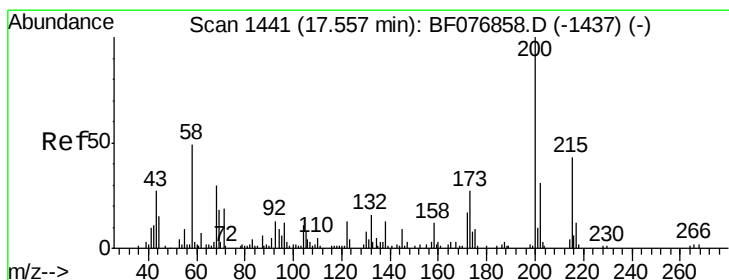
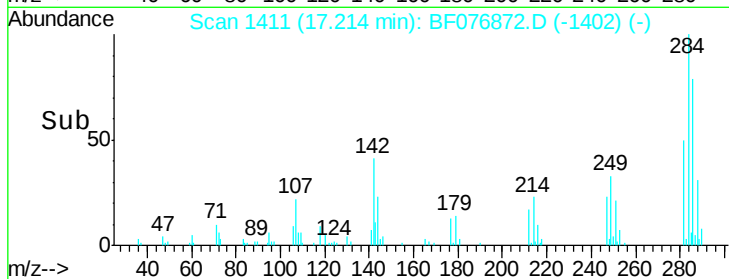
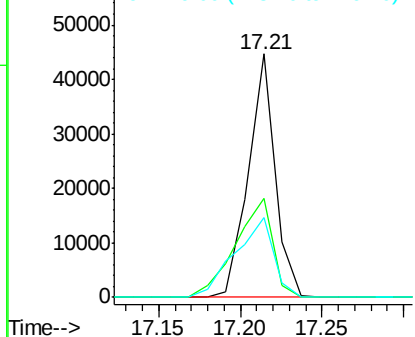
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 50768
Ion Ratio Lower Upper
284 100
142 40.6 38.2 57.4
249 32.9 28.2 42.2

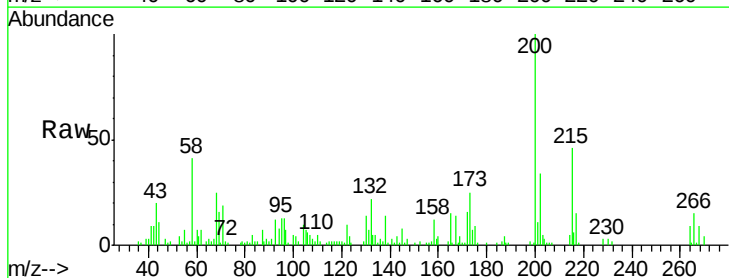


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

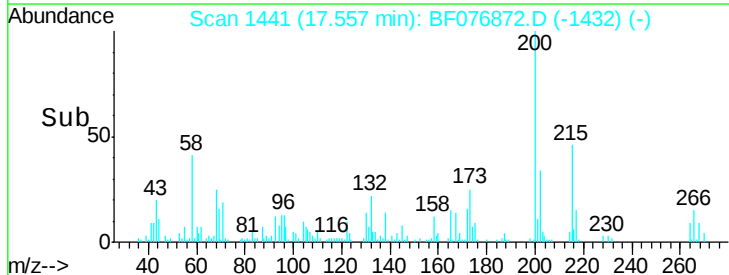
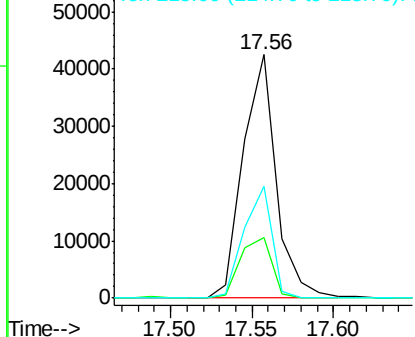


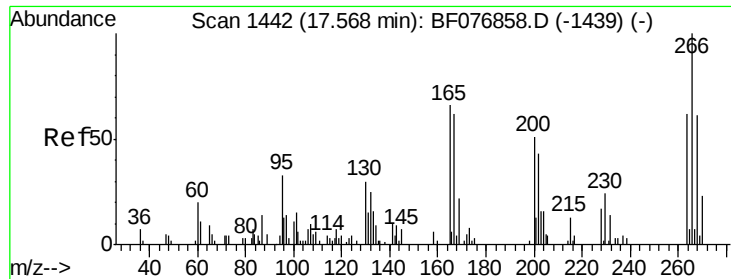
#68
Atrazine
Concen: 44.68 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:200 Resp: 59731
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 46.1 22.9 62.9



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

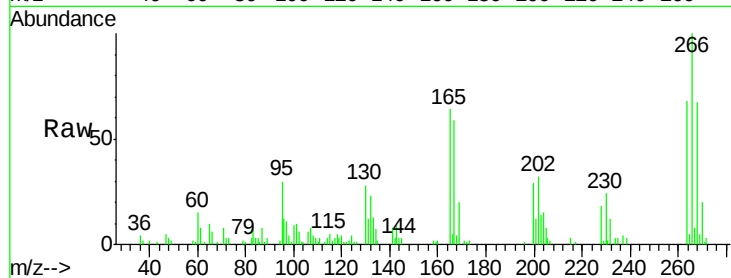




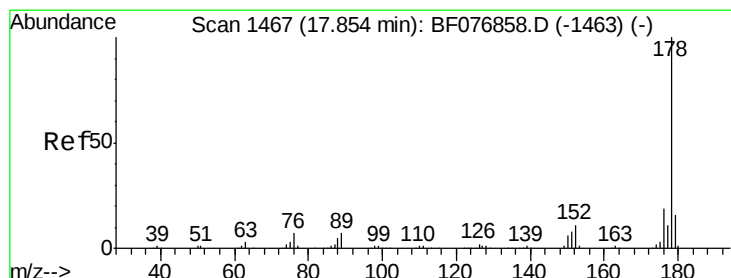
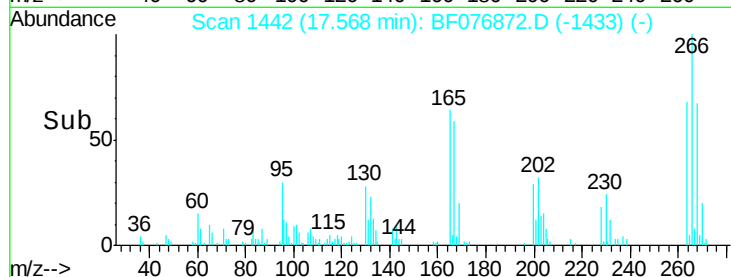
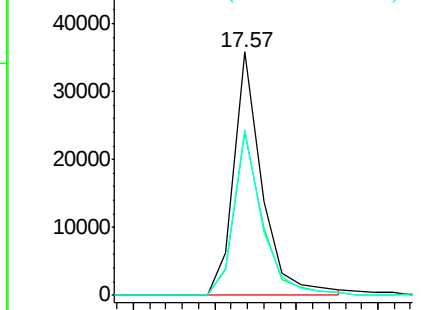
#69
 Pentachlorophenol
 Concen: 74.28 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	48.6	72.8
264	68.2	49.5	74.3

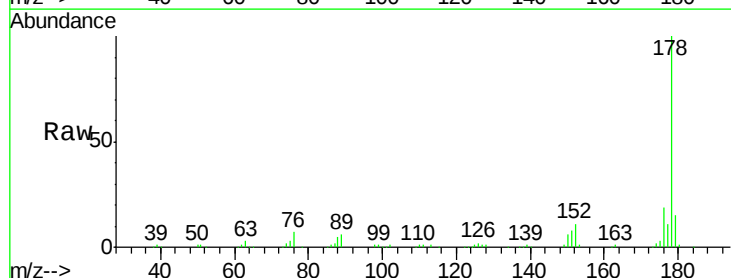


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

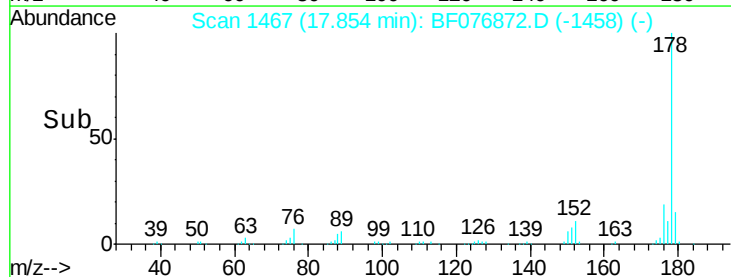
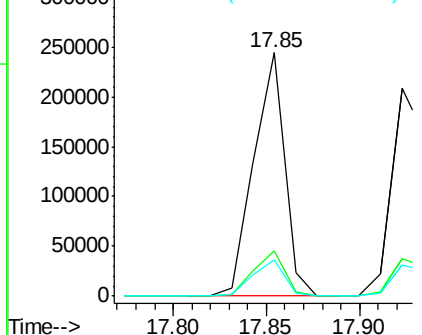


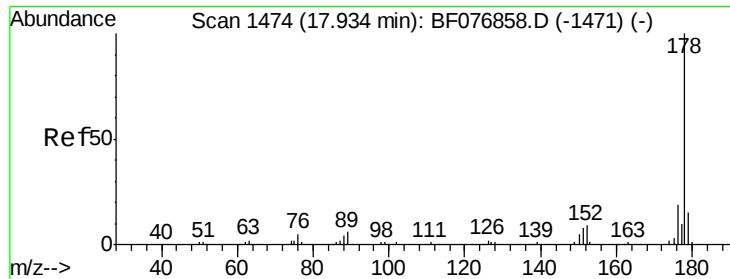
#70
 Phenanthrene
 Concen: 36.26 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	14.7	12.7	19.1



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

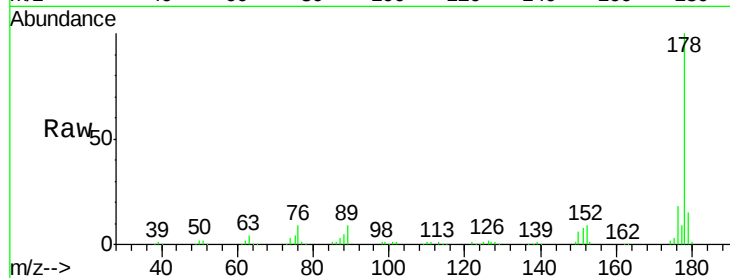




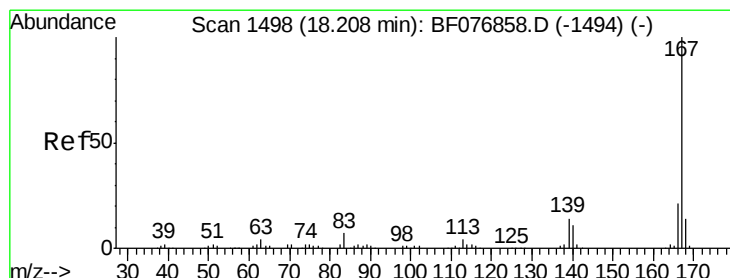
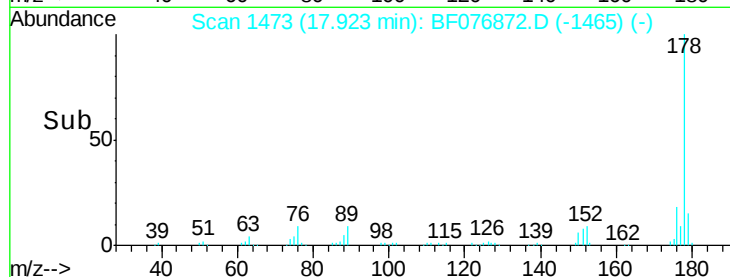
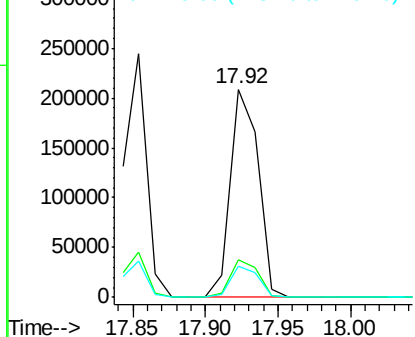
#71
 Anthracene
 Concen: 37.13 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 278988
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.1 11.9 17.9

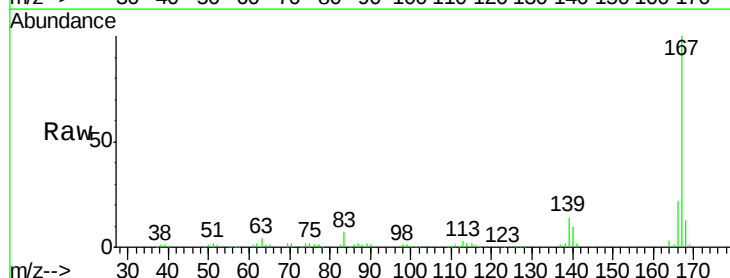


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

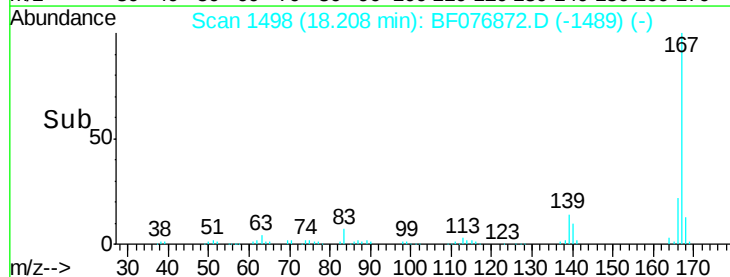
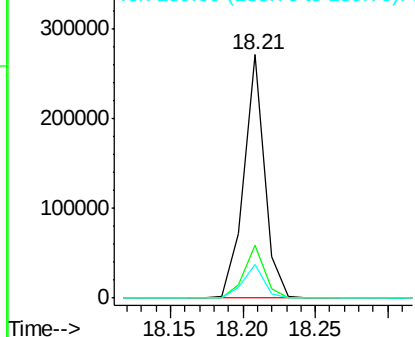


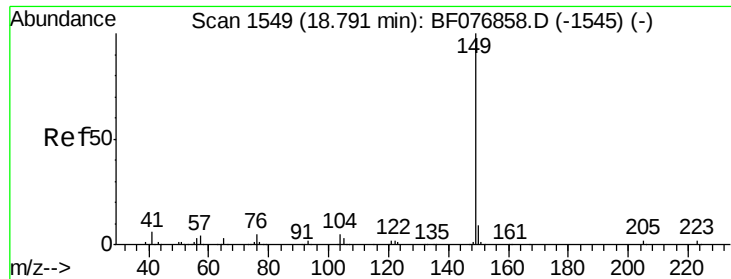
#72
 Carbazole
 Concen: 37.21 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:167 Resp: 271198
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.9 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: 40.75 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

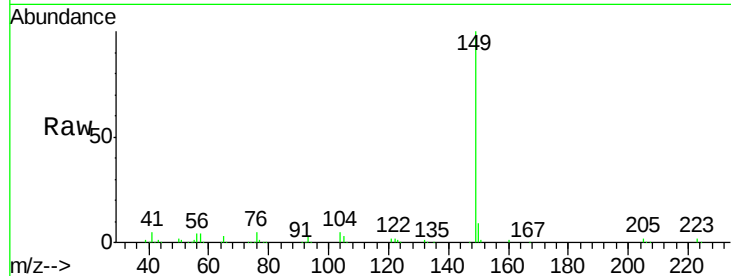
Tot Ion:149 Resp: 343714

Ion Ratio Lower Upper

149 100

150 8.7 6.9 10.3

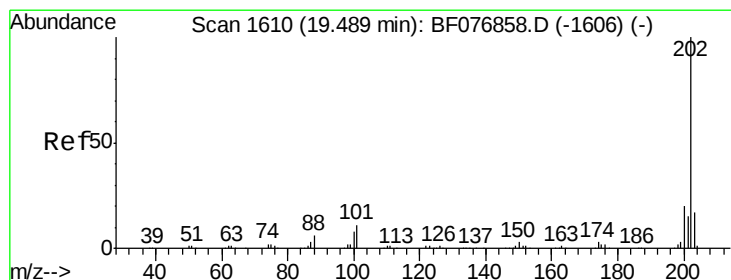
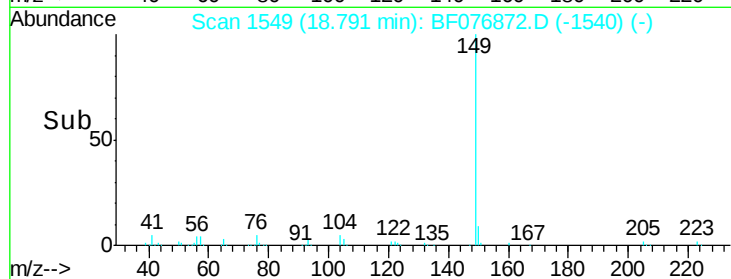
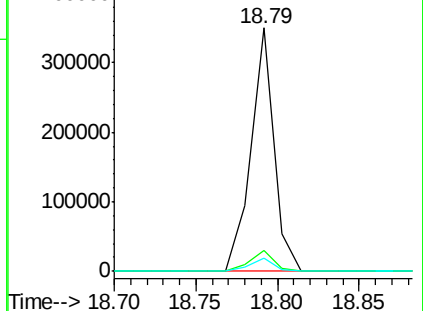
104 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.20 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

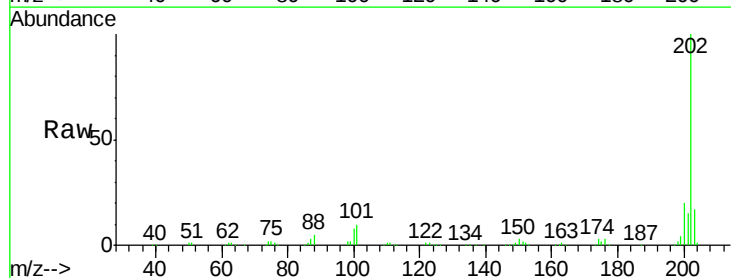
Tgt Ion:202 Resp: 293698

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

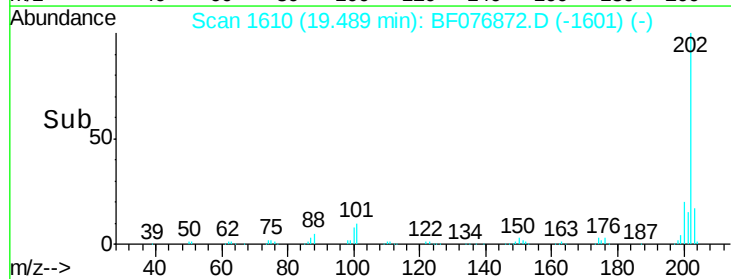
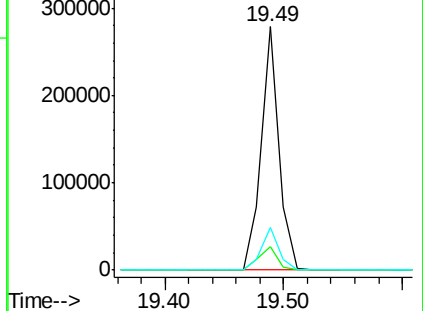
203 17.4 0.0 36.9

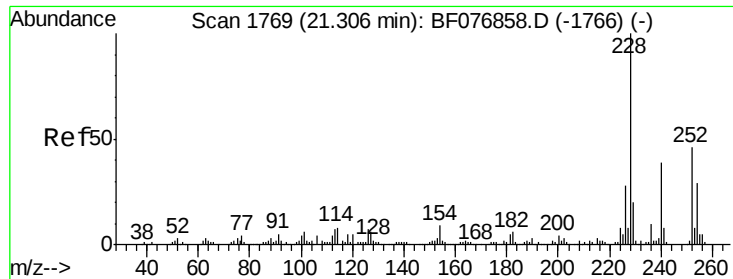


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

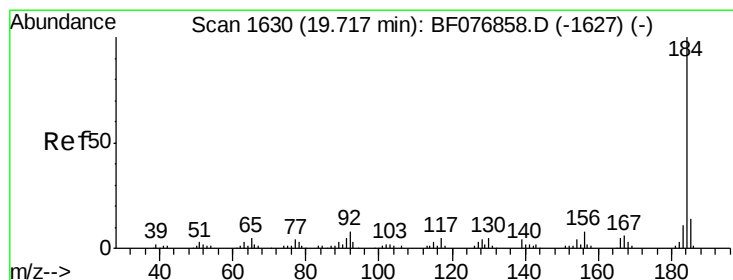
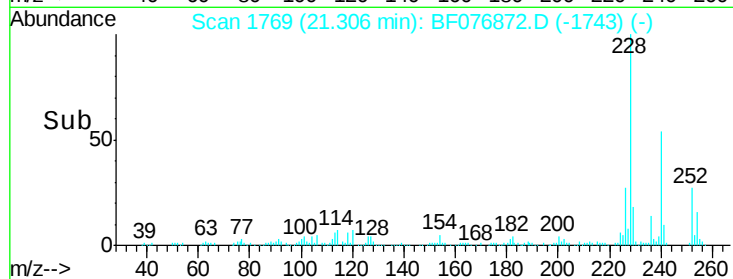
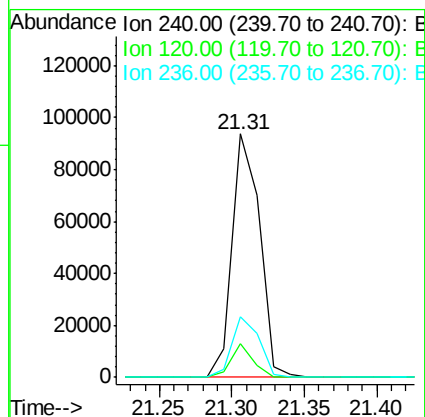
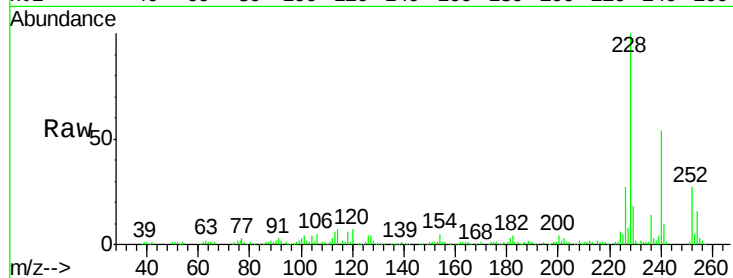




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

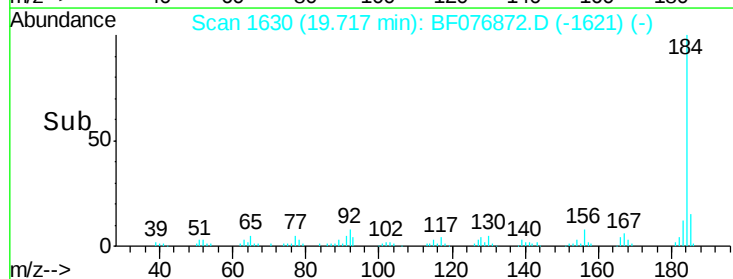
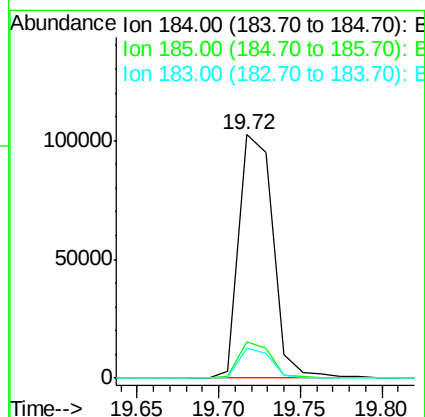
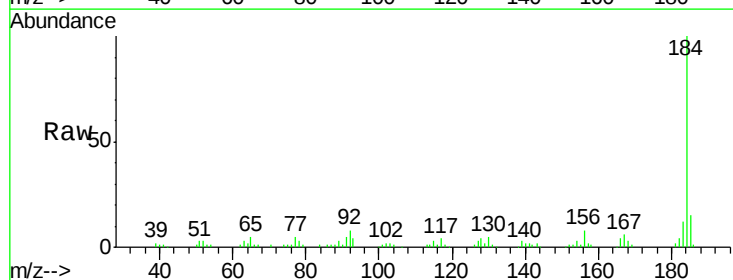
Instrument :
BNA_F
ClientSampleId :

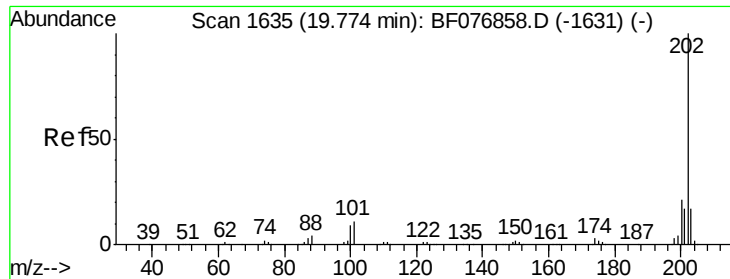
Tot Ion:240 Resp: 123574
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 25.0 20.2 30.2



#76
Benzidine
Concen: 37.27 ng
RT: 19.72 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:184 Resp: 147380
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 12.1 9.0 13.6

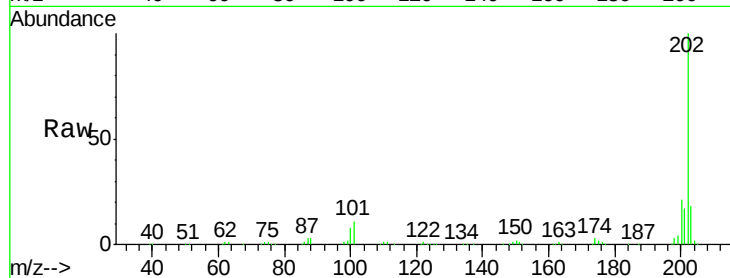




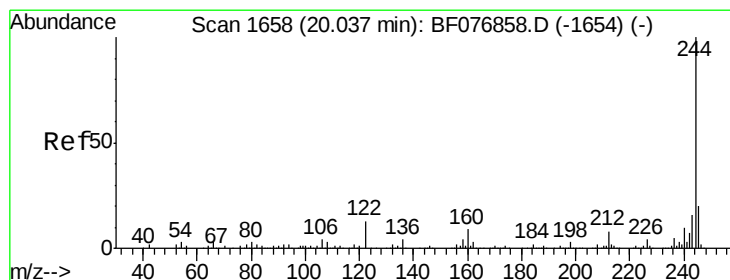
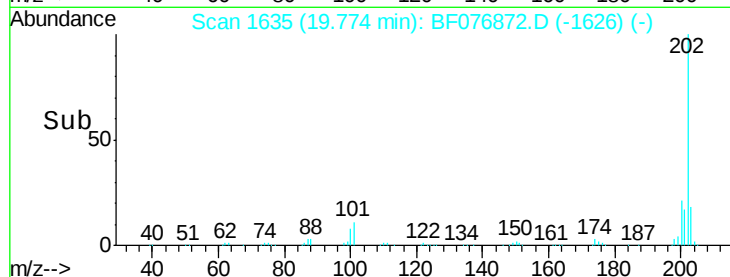
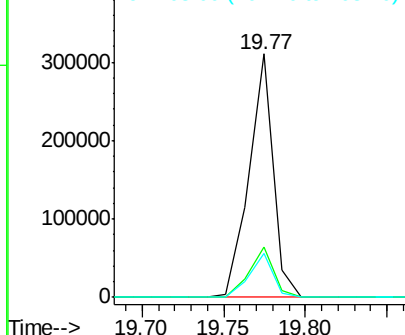
#77
 Pvrene
 Concen: 37.74 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.0	21.0

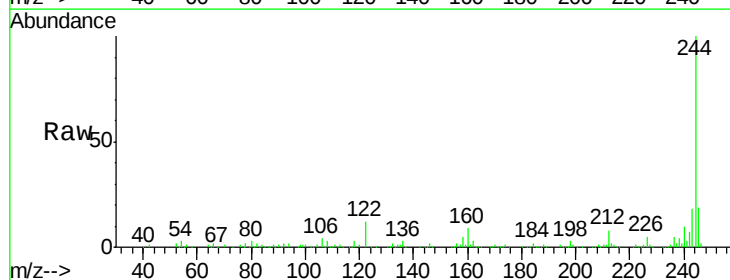


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

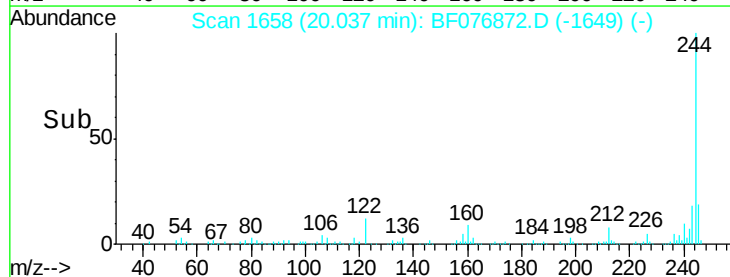
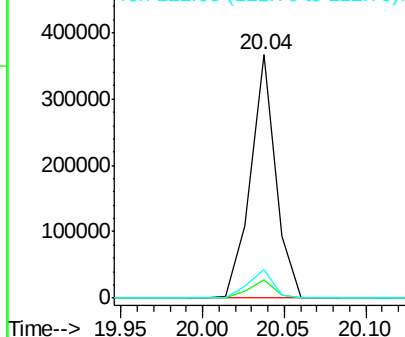


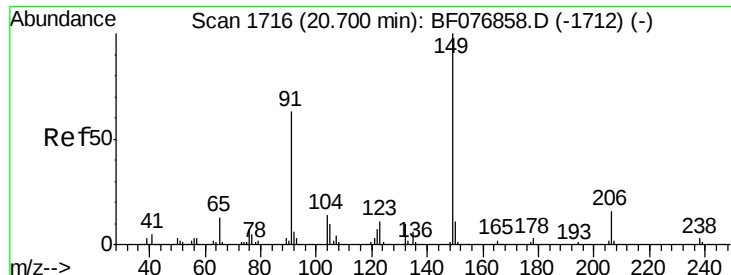
#78
 Terphenyl-d14
 Concen: 73.11 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.8	10.1	15.1



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

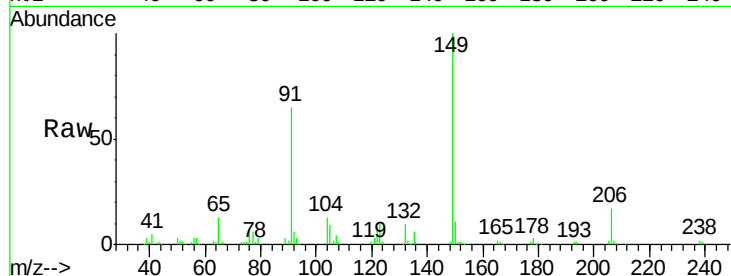




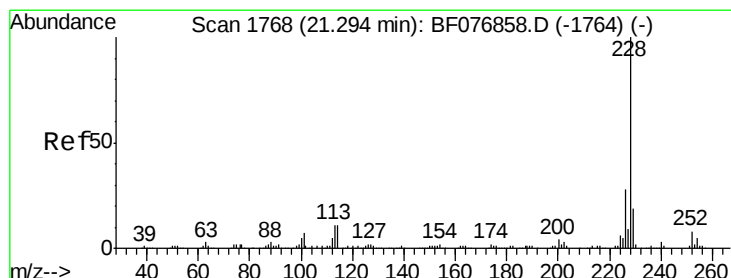
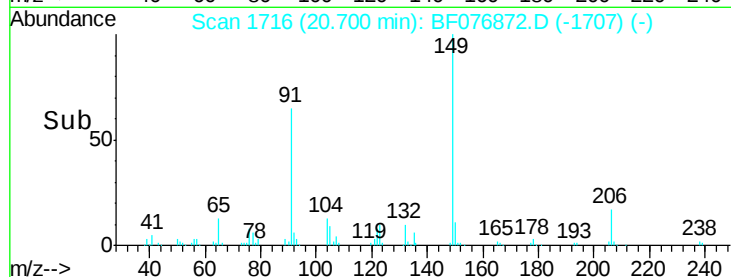
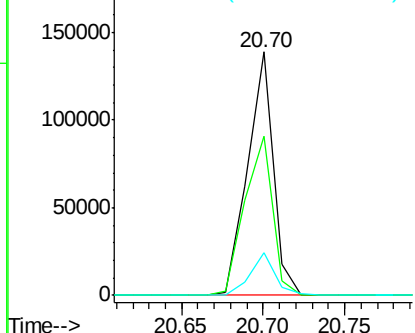
#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 151908
Ion Ratio Lower Upper
149 100
91 65.1 50.6 76.0
206 17.3 12.8 19.2

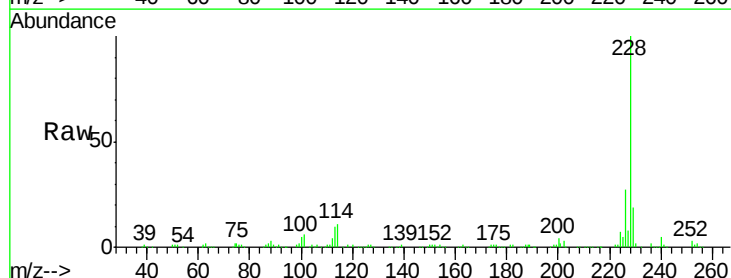


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

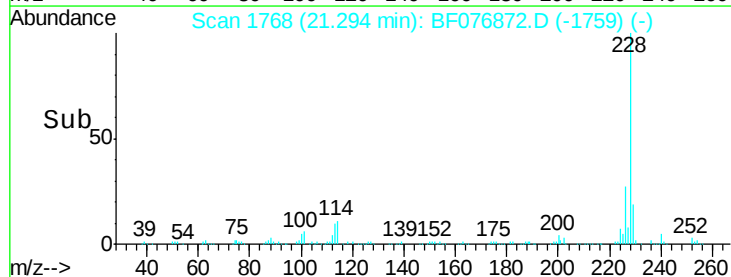
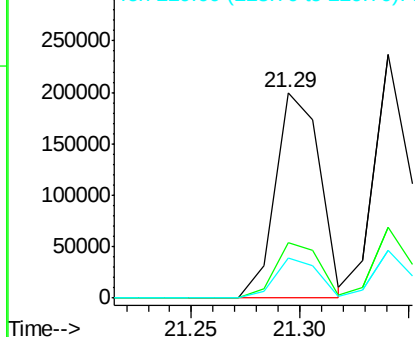


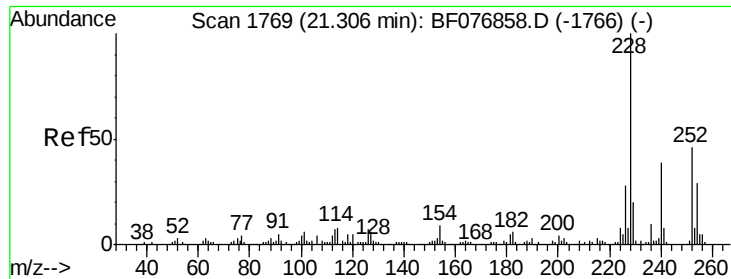
#80
Benzo(a)anthracene
Concen: 36.75 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:228 Resp: 284963
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

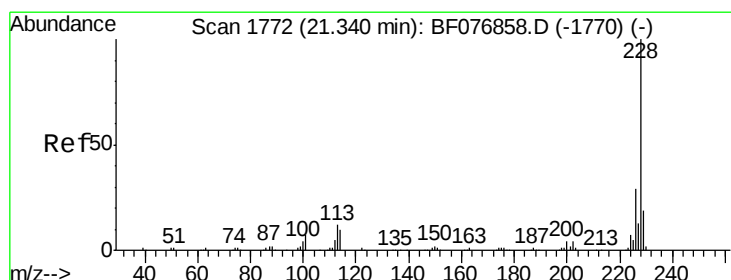
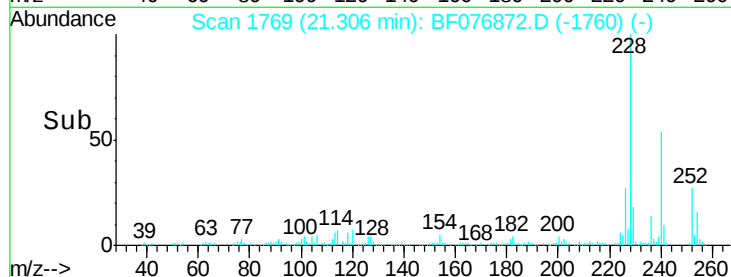
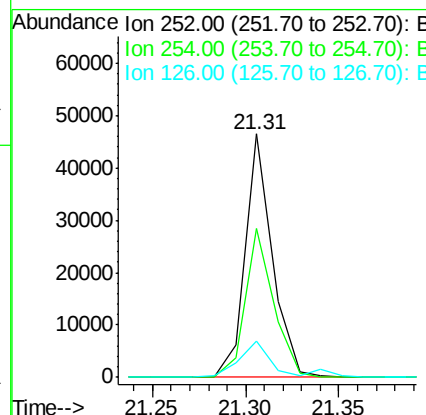
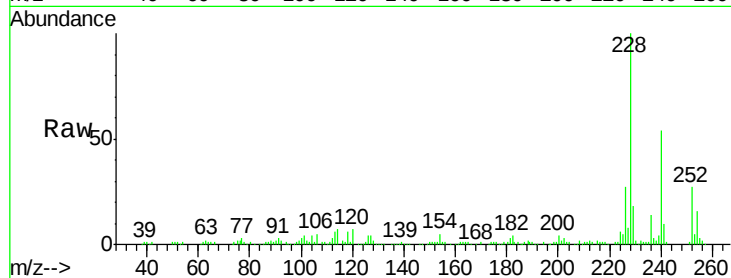




#81
 3,3'-Dichlorobenzidine
 Concen: 19.14 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

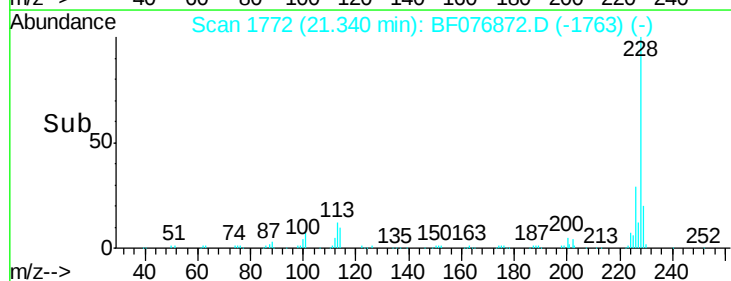
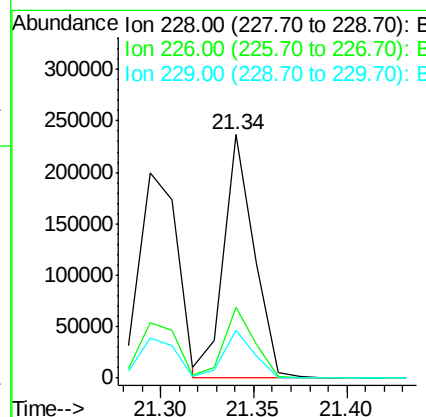
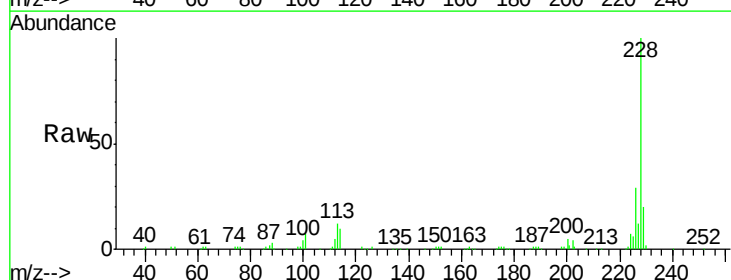
Instrument :
 BNA_F
 ClientSampleId :

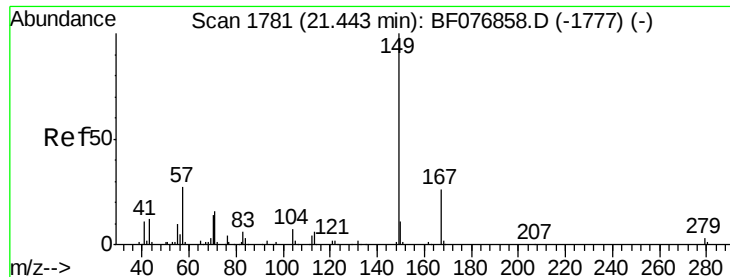
Tot Ion:252 Resp: 47155
 Ion Ratio Lower Upper
 252 100
 254 61.0 50.2 75.4
 126 15.2 11.5 17.3



#82
 Chrysene
 Concen: 37.82 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:228 Resp: 267369
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.4 35.0
 229 19.8 15.4 23.0

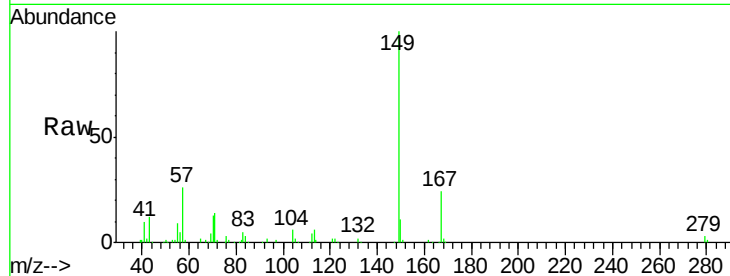




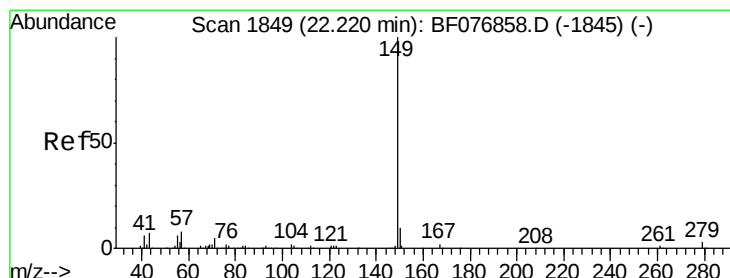
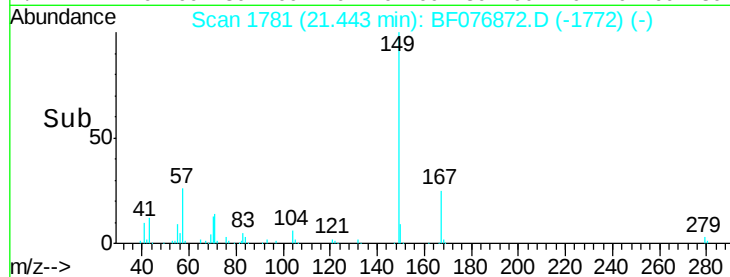
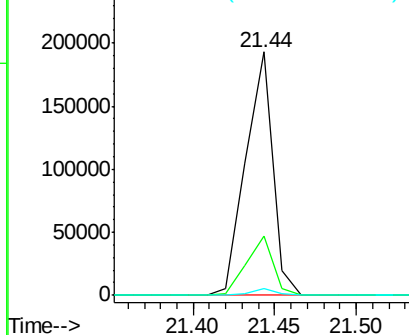
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.83 ng
 RT: 21.44 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 221982
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.6 30.8
 279 2.9 2.2 3.2

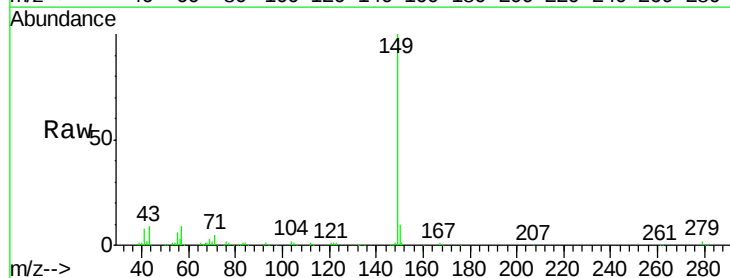


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

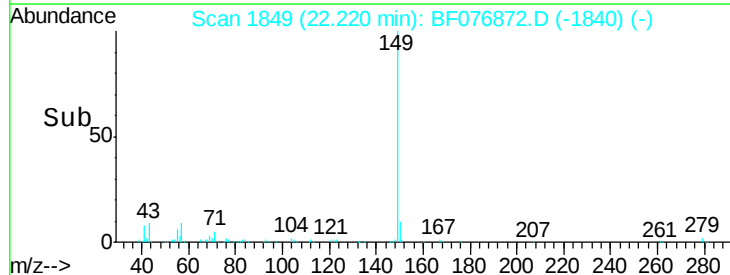
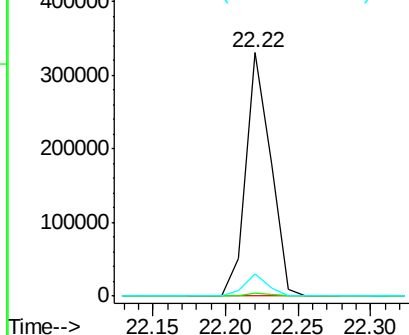


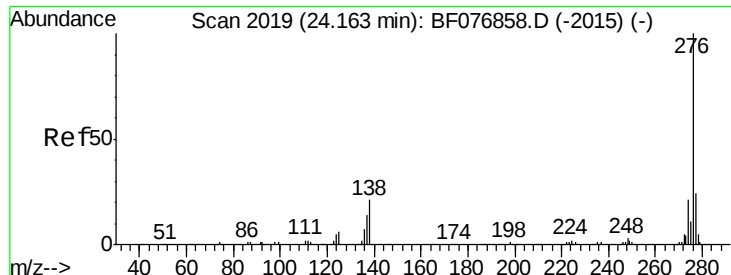
#84
 Di-n-octyl phthalate
 Concen: 42.76 ng
 RT: 22.22 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:149 Resp: 393817
 Ion Ratio Lower Upper
 149 100
 167 1.3 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

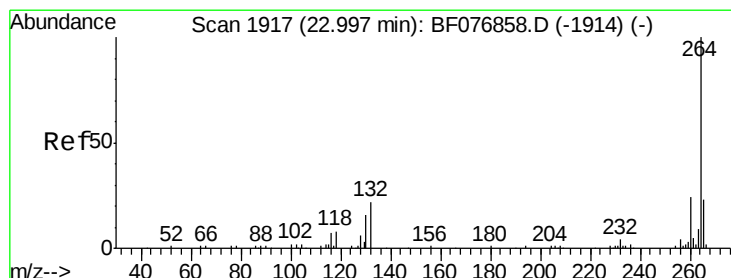
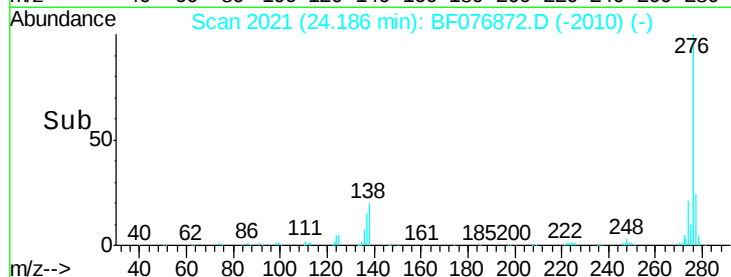
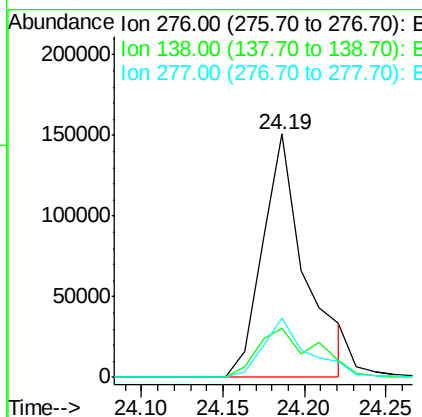
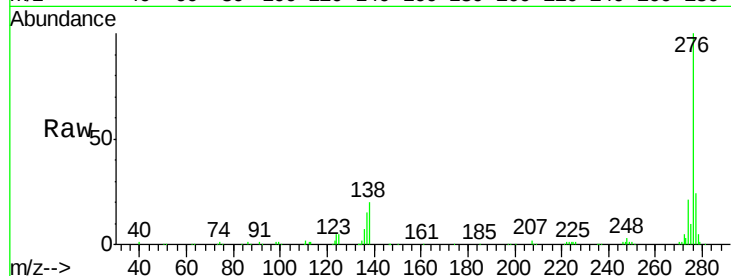




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 24.19 min Scan# 2021
 Delta R.T. 0.02 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

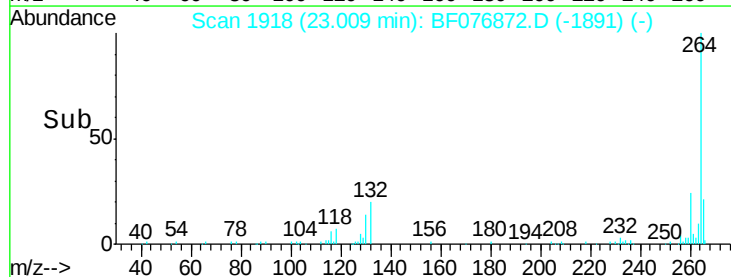
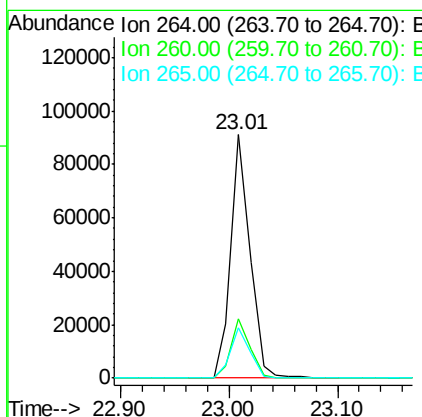
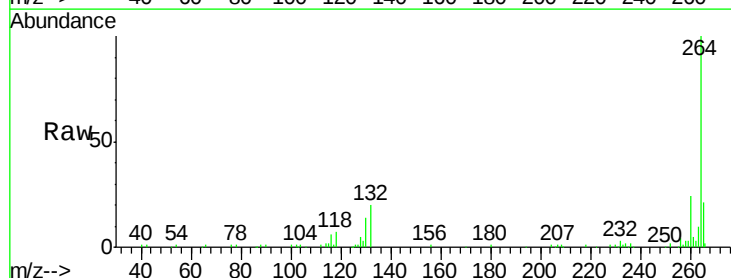
Instrument :
 BNA_F
 ClientSampleId :

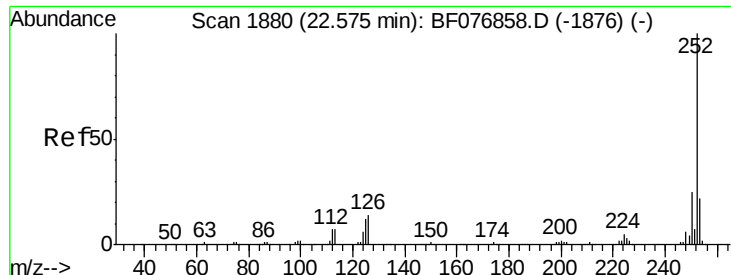
Tot Ion:276 Resp: 273683
 Ion Ratio Lower Upper
 276 100
 138 27.0 14.6 22.0#
 277 25.0 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.01 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Tgt Ion:264 Resp: 111310
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 20.6 18.1 27.1





#87

Benzo(b)fluoranthene

Concen: 38.35 ng

RT: 22.57 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

Instrument :

BNA_F

ClientSampleId :

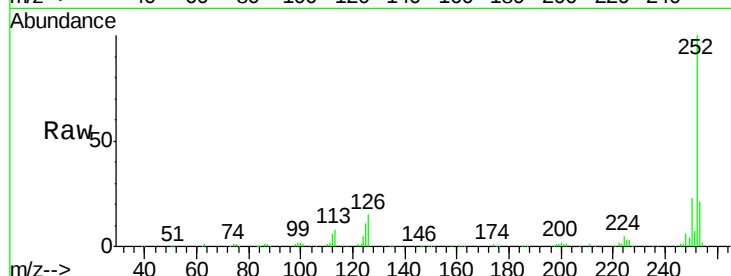
Tot Ion:252 Resp: 287478

Ion Ratio Lower Upper

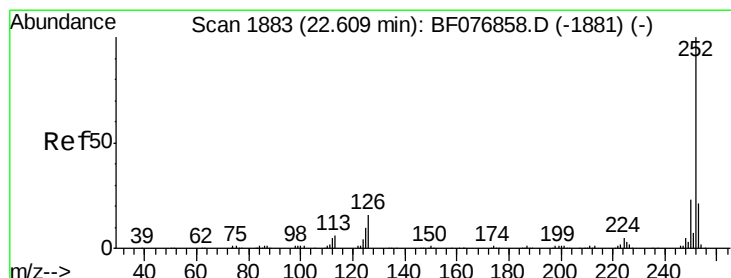
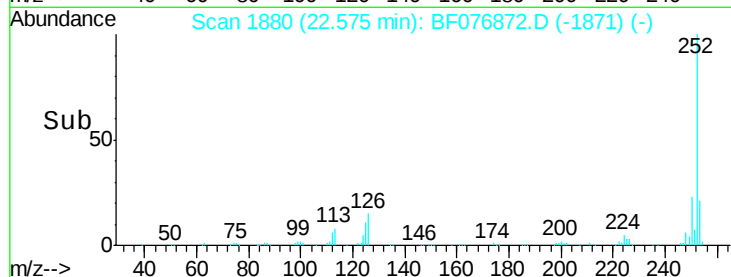
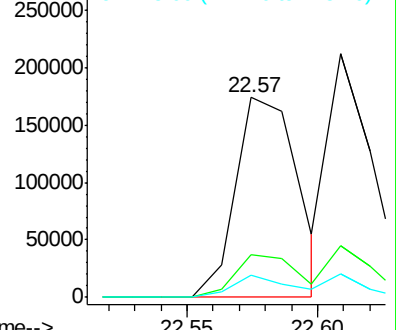
252 100

253 21.1 17.5 26.3

125 11.4 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.89 ng

RT: 22.57 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BF076872.D

Acq: 14 Jan 2015 22:19

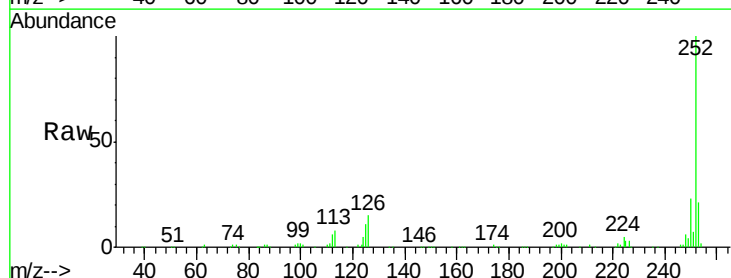
Tgt Ion:252 Resp: 287478

Ion Ratio Lower Upper

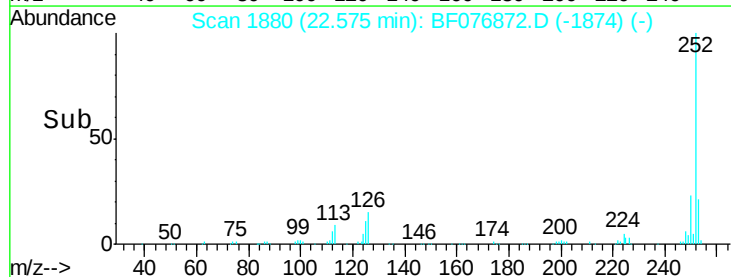
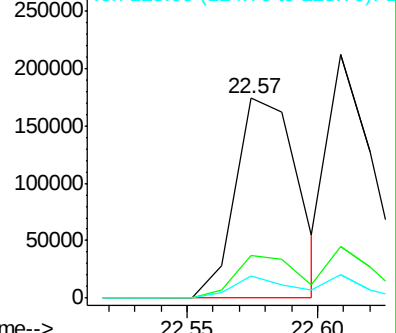
252 100

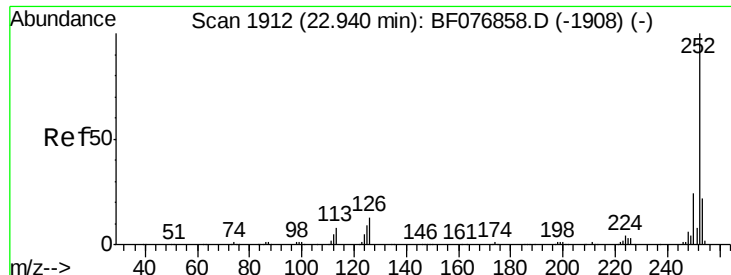
253 21.1 17.2 25.8

125 11.4 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

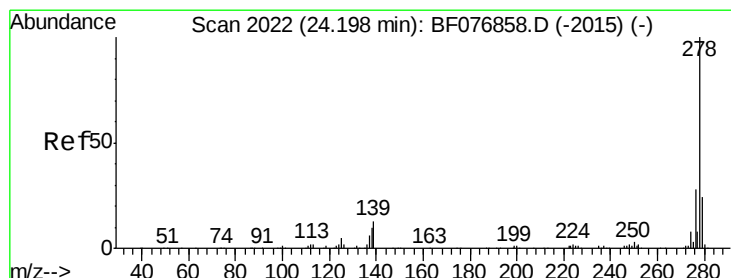
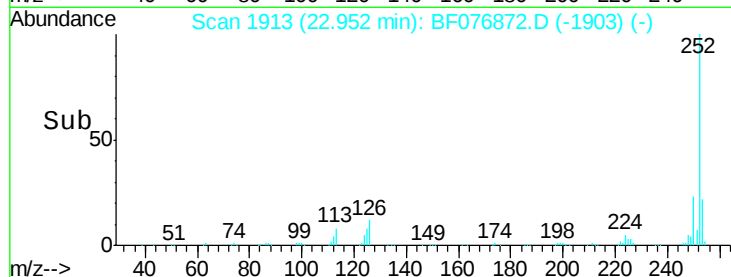
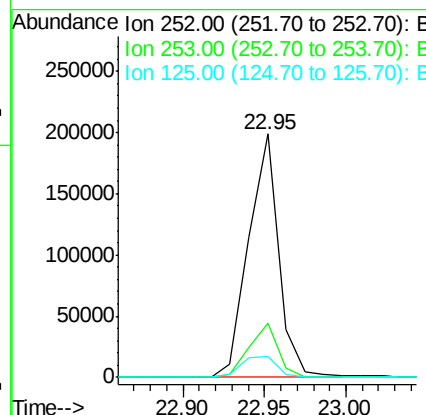
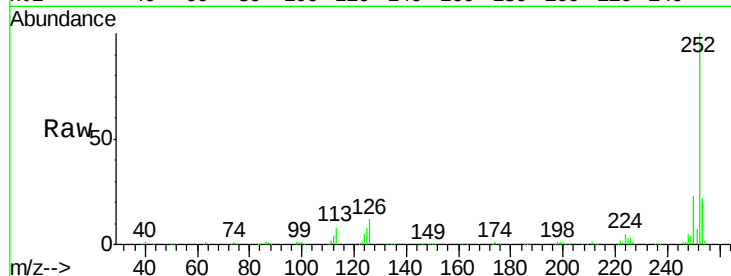




#89
Benzo(a)pyrene
Concen: 38.52 ng
RT: 22.95 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

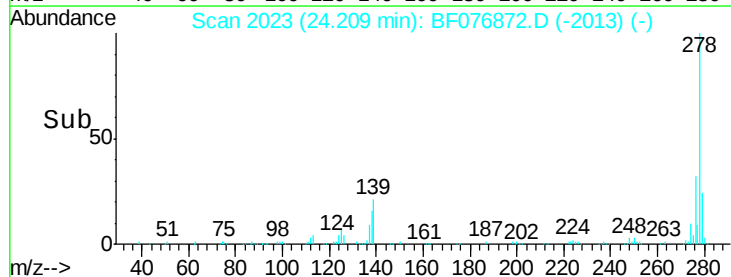
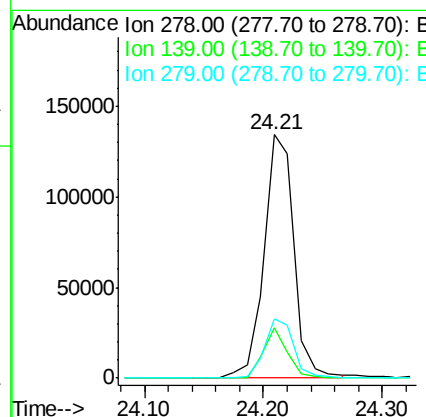
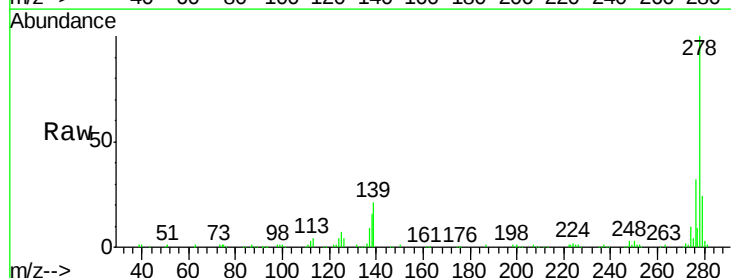
Instrument :
BNA_F
ClientSampled :

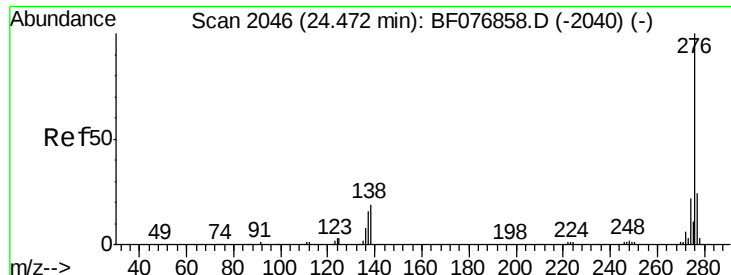
Tot Ion:252 Resp: 254747
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.5 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 38.78 ng
RT: 24.21 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF076872.D
Acq: 14 Jan 2015 22:19

Tgt Ion:278 Resp: 235293
Ion Ratio Lower Upper
278 100
139 20.6 10.5 15.7#
279 24.1 19.3 28.9

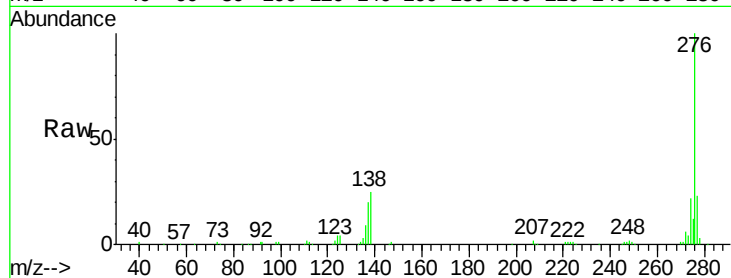




#91
 Benzo(a,h,i)perylene
 Concen: 38.53 ng
 RT: 24.48 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF076872.D
 Acq: 14 Jan 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	25.1	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

