

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076869.D
 Acq On : 14 Jan 2015 20:35
 Operator : IZ / TP
 Sample : PB81326BS
 Misc : W
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:18:00 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	32094	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134840	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	75418	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	125126	20.00	ng	0.00
75) Chrysene-d12	21.31	240	120413	20.00	ng	0.00
86) Perylene-d12	22.97	264	107837	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	244480	125.25	ng	0.01
7) Phenol-d6	7.42	99	304073	123.48	ng	0.00
23) Nitrobenzene-d5	9.32	82	182317	74.91	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	78925	128.92	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	389909	78.68	ng	0.00
78) Terphenyl-d14	20.04	244	402303	76.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.34	88	22096	26.44	ng	98
3) Pyridine	1.83	79	67229	31.08	ng	92
4) n-Nitrosodimethylamine	1.78	42	33086	30.88	ng	97
6) Aniline	7.30	93	67235	19.73	ng	99
8) 2-Chlorophenol	7.56	128	79091	35.15	ng	94
9) Benzaldehyde	7.03	77	29599	18.99	ng	93
10) Phenol	7.44	94	98105	37.52	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	75548	36.93	ng	99
12) 1,3-Dichlorobenzene	7.86	146	87385	34.13	ng	96
13) 1,4-Dichlorobenzene	8.06	146	88859	32.73	ng	97
14) 1,2-Dichlorobenzene	8.38	146	87172	34.85	ng	99
15) Benzyl Alcohol	8.45	79	72934	36.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	95985	34.90	ng	88
17) 2-Methylphenol	8.79	107	65066	35.38	ng	92
18) Hexachloroethane	9.12	117	33575	35.56	ng	94
19) n-Nitroso-di-n-propylamine	9.08	70	61080	35.44	ng	94
20) 3+4-Methylphenols	9.18	107	84636	34.76	ng	93
22) Acetophenone	9.01	105	122885	37.21	ng	94
24) Nitrobenzene	9.36	77	89860	36.24	ng	97
25) Isophorone	9.96	82	160411	36.19	ng	96
26) 2-Nitrophenol	10.09	139	43147	33.81	ng	# 85
27) 2,4-Dimethylphenol	10.37	122	74111	38.65	ng	97
28) bis(2-Chloroethoxy)methane	10.57	93	96276	38.21	ng	98
29) 2,4-Dichlorophenol	10.70	162	71320	39.91	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	72284	36.42	ng	98
31) Naphthalene	10.97	128	242045	34.87	ng	99
32) Benzoic acid	10.71	122	23464	22.09	ng	99
33) 4-Chloroaniline	11.21	127	50828	18.12	ng	98
34) Hexachlorobutadiene	11.34	225	41626	35.35	ng	98
35) Caprolactam	12.05	113	19452	36.97	ng	# 89
36) 4-Chloro-3-methylphenol	12.52	107	76575	37.43	ng	95
37) 2-Methylnaphthalene	12.63	142	169440	35.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66827	35.84	ng	97
40) Hexachlorocyclopentadiene	13.03	237	72209	73.93	ng	96

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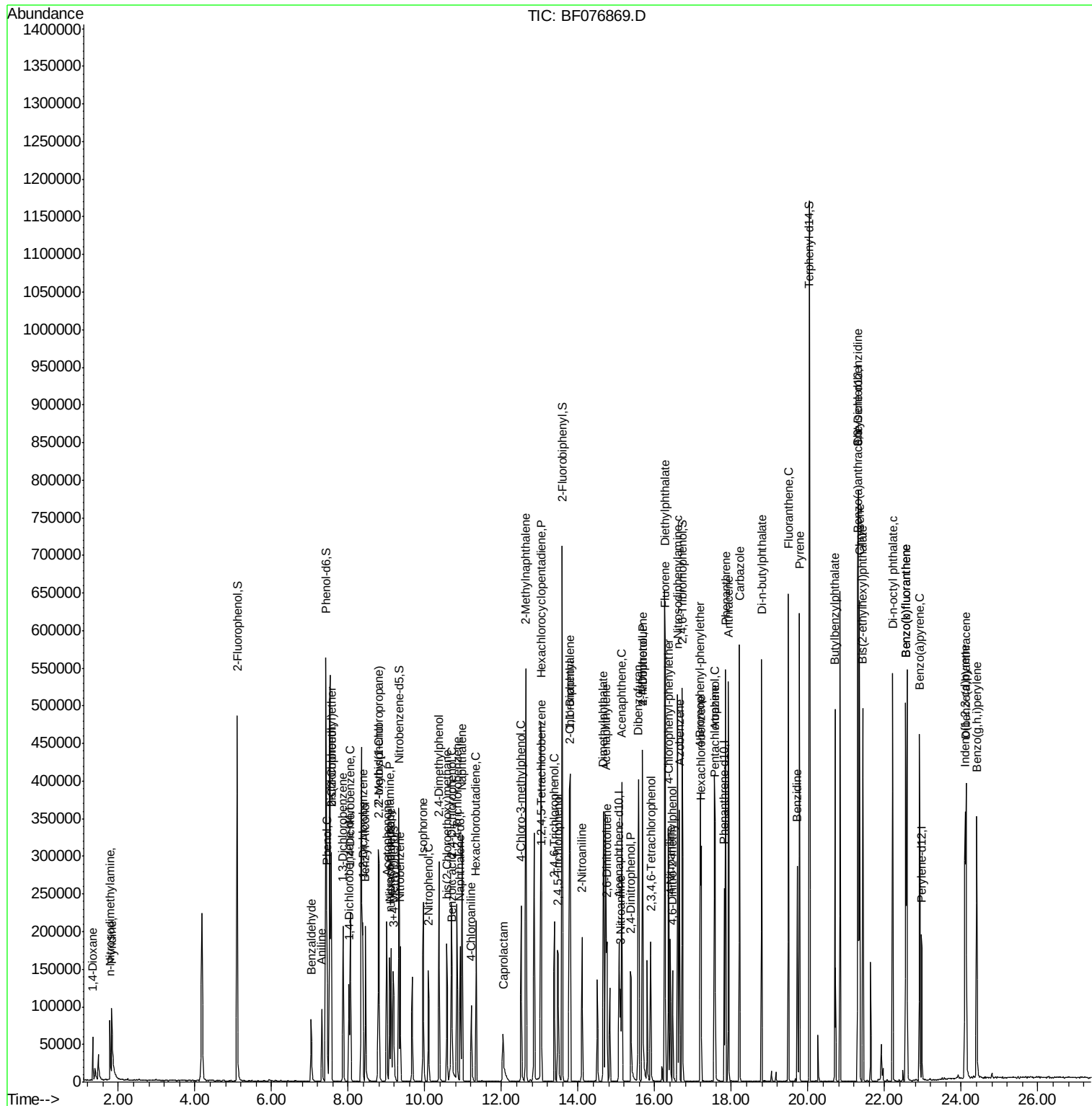
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	47693	35.10	nq	96
43) 2,4,5-Trichlorophenol	13.47	196	49286	35.57	nq #	90
45) 1,1'-Biphenyl	13.79	154	205052	36.68	nq	98
46) 2-Chloronaphthalene	13.77	162	164169	35.68	nq	98
47) 2-Nitroaniline	14.11	65	53636	38.43	nq	94
48) Acenaphthylene	14.72	152	264776	34.12	nq	99
49) Dimethylphthalate	14.65	163	196042	36.65	nq	99
50) 2,6-Dinitrotoluene	14.76	165	40572	37.97	nq	99
51) Acenaphthene	15.15	154	149476	33.95	nq	92
52) 3-Nitroaniline	15.10	138	29894	21.31	nq	89
53) 2,4-Dinitrophenol	15.39	184	33279	71.67	nq	93
54) Dibenzofuran	15.57	168	229182	35.73	nq	99
55) 4-Nitrophenol	15.68	139	60691	72.39	nq	93
56) 2,4-Dinitrotoluene	15.68	165	58685	36.41	nq #	88
57) Fluorene	16.28	166	194416	35.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	36796	36.47	nq #	95
59) Diethylphthalate	16.27	149	210547	38.95	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	84240	37.89	nq	94
61) 4-Nitroaniline	16.40	138	42471	31.40	nq	96
62) Azobenzene	16.64	77	208150	36.96	nq	97
64) 4,6-Dinitro-2-methylphenol	16.47	198	26515	32.65	nq #	64
65) n-Nitrosodiphenylamine	16.60	169	164677	36.91	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	49904	39.37	nq	94
67) Hexachlorobenzene	17.21	284	51472	38.53	nq	95
68) Atrazine	17.56	200	61320	45.29	nq	97
69) Pentachlorophenol	17.57	266	43319	73.69	nq	96
70) Phenanthrene	17.85	178	284080	36.41	nq	99
71) Anthracene	17.92	178	287358	37.76	nq	100
72) Carbazole	18.21	167	265030	35.91	nq	100
73) Di-n-butylphthalate	18.79	149	341442	39.97	nq	99
74) Fluoranthene	19.49	202	290835	36.37	nq	98
76) Benzidine	19.72	184	138297	35.89	nq	100
77) Pyrene	19.77	202	310410	37.61	nq	99
79) Butylbenzylphthalate	20.70	149	151859	40.63	nq	99
80) Benzo(a)anthracene	21.29	228	277398	36.72	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	45555	18.97	nq	98
82) Chrysene	21.34	228	259890	37.72	nq	100
83) Bis(2-ethylhexyl)phthalate	21.43	149	214219	41.43	nq #	97
84) Di-n-octyl phthalate	22.21	149	383382	42.72	nq	100
85) Indeno(1,2,3-cd)pyrene	24.11	276	249630	34.19	nq #	84
87) Benzo(b)fluoranthene	22.55	252	300809	41.42	nq	98
88) Benzo(k)fluoranthene	22.55	252	300794	47.40	nq	99
89) Benzo(a)pyrene	22.91	252	238509	37.23	nq #	96
90) Dibenzo(a,h)anthracene	24.13	278	214557	36.50	nq #	96
91) Benzo(g,h,i)perylene	24.40	276	217503	37.22	nq #	94

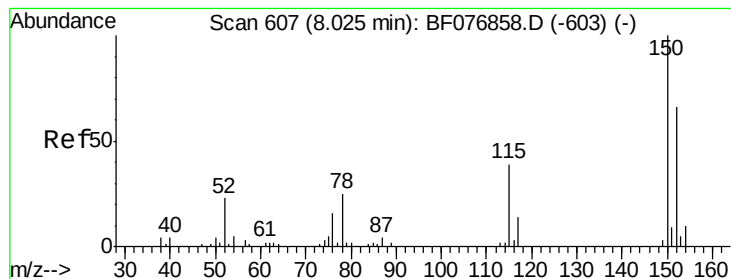
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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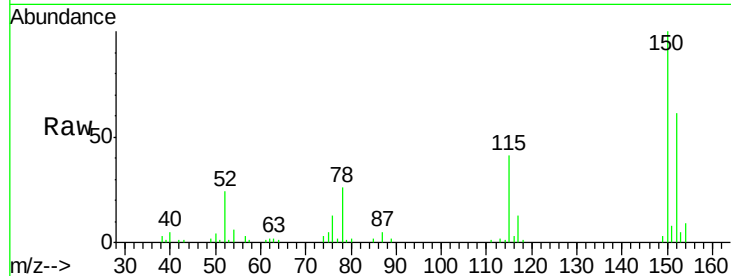


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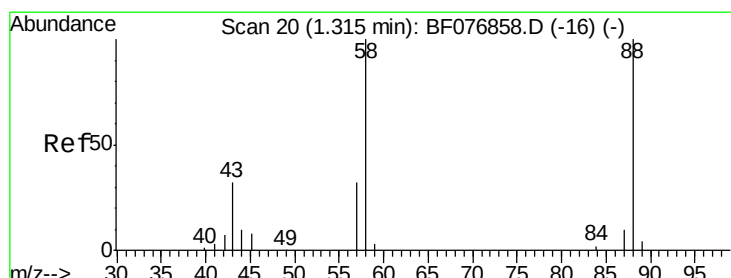
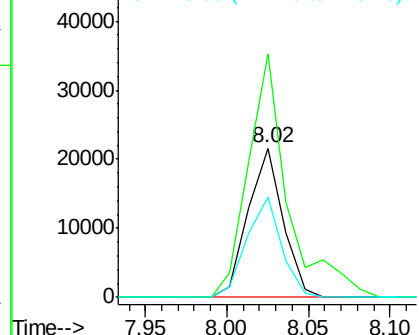
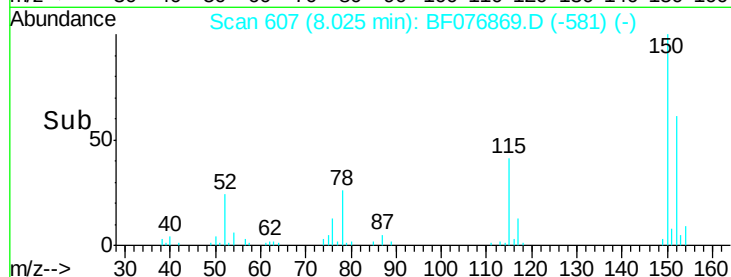
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32094
Ion Ratio Lower Upper
152 100
150 163.0 121.7 182.5
115 67.3 47.0 70.6



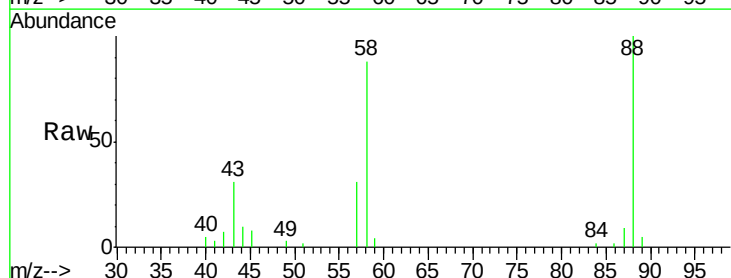
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



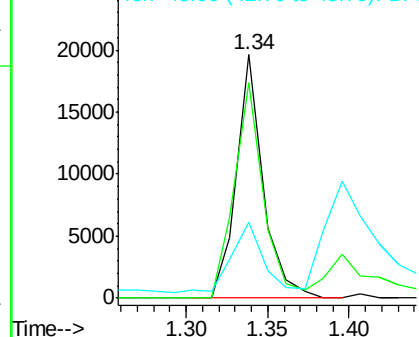
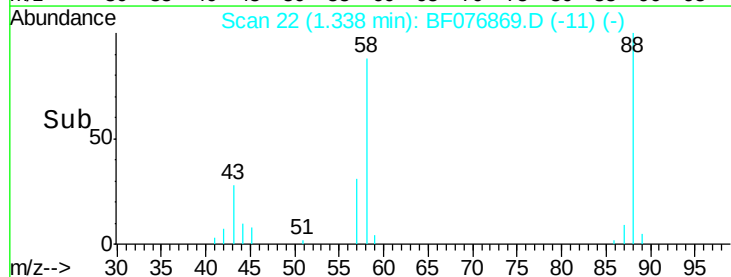
#2

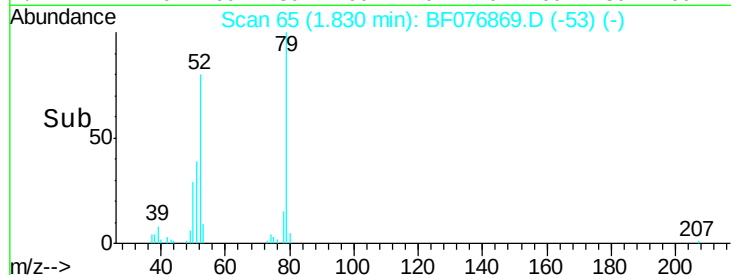
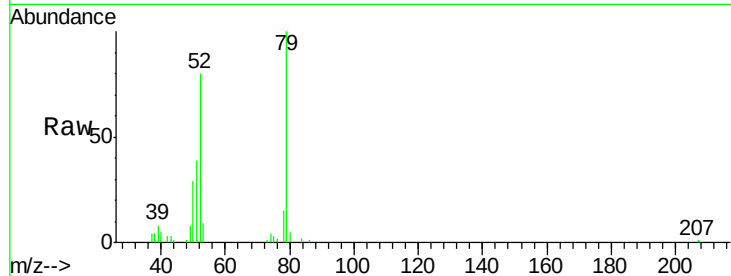
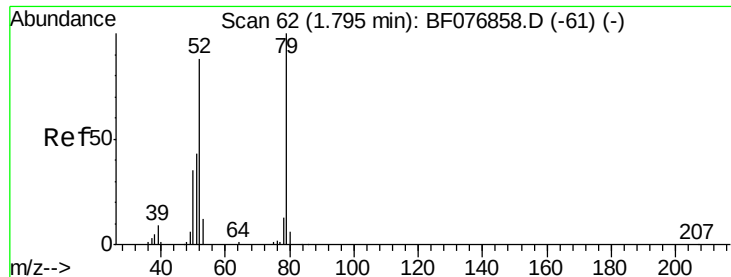
1,4-Dioxane
Concen: 26.44 ng
RT: 1.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion: 88 Resp: 22096
Ion Ratio Lower Upper
88 100
58 96.9 77.0 115.4
43 35.7 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

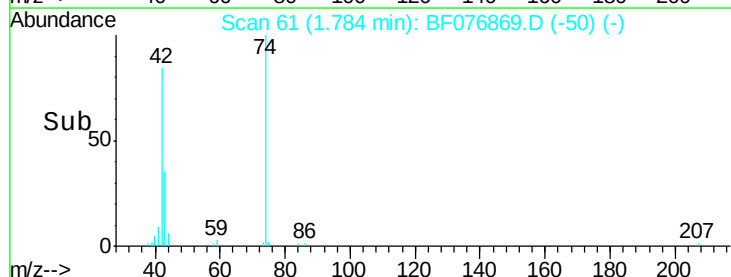
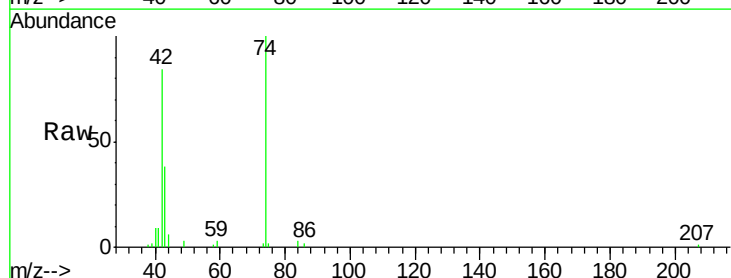
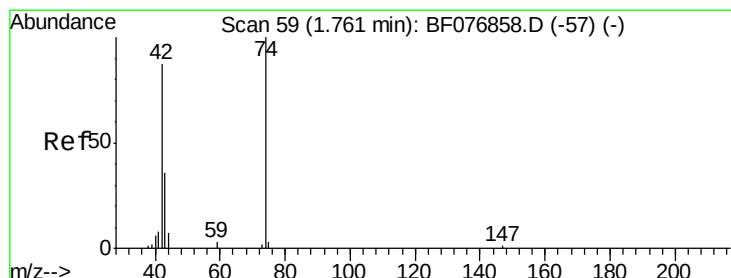
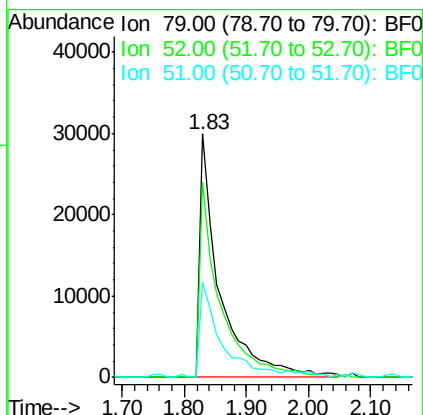




#3
 Pvridine
 Concen: 31.08 ng
 RT: 1.83 min Scan# 65
 Delta R.T. 0.03 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

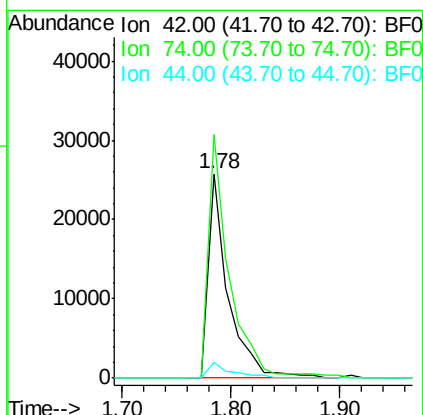
Instrument :
 BNA_F
 ClientSampleId :

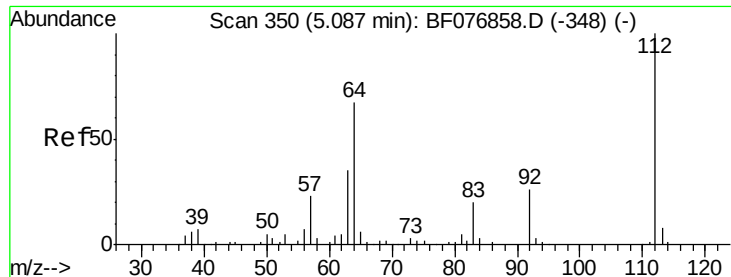
Tot Ion: 79 Resp: 67229
 Ion Ratio Lower Upper
 79 100
 52 79.9 70.1 105.1
 51 39.1 35.1 52.7



#4
 n-Nitrosodimethylamine
 Concen: 30.88 ng
 RT: 1.78 min Scan# 61
 Delta R.T. 0.02 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion: 42 Resp: 33086
 Ion Ratio Lower Upper
 42 100
 74 119.4 92.4 138.6
 44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 125.25 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampled :

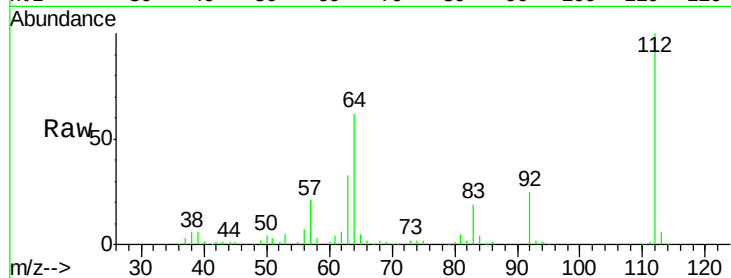
Tot Ion: 112 Resp: 244480

Ion Ratio Lower Upper

112 100

64 62.1 54.2 81.4

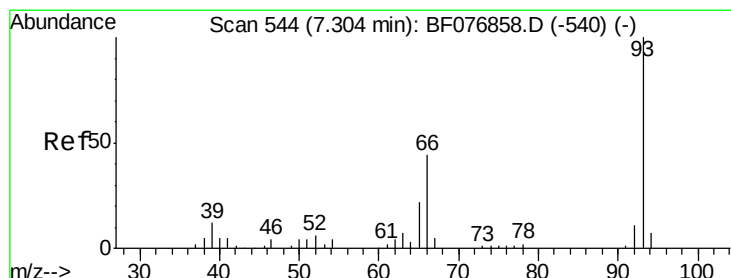
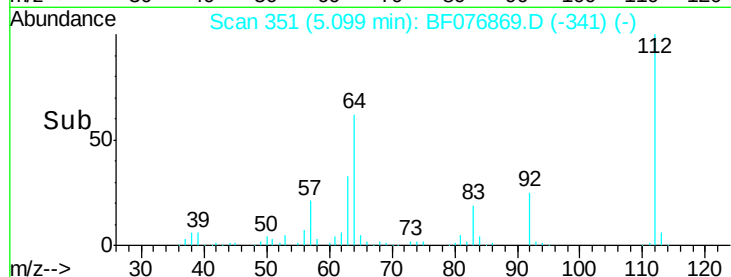
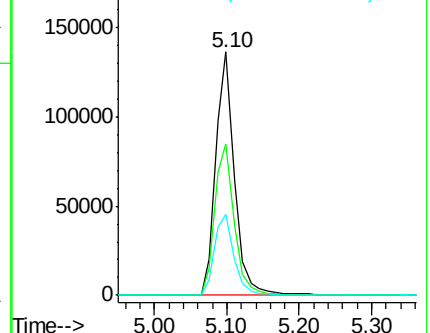
63 33.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.73 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

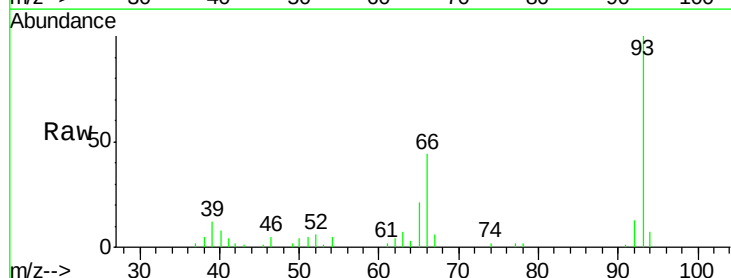
Tgt Ion: 93 Resp: 67235

Ion Ratio Lower Upper

93 100

66 43.5 35.0 52.4

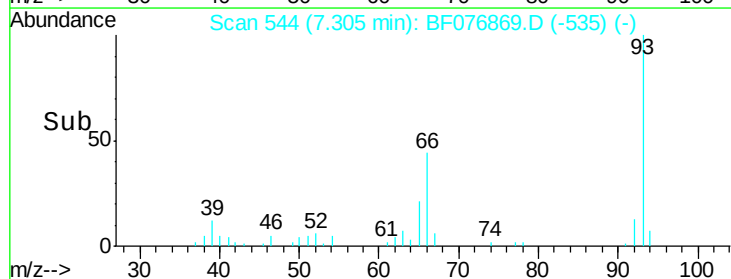
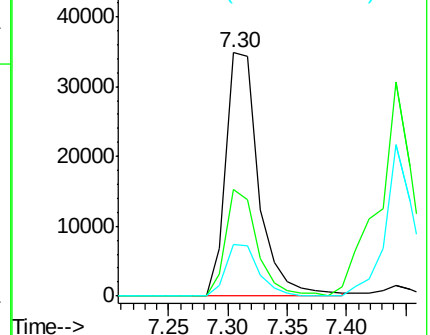
65 21.2 17.7 26.5

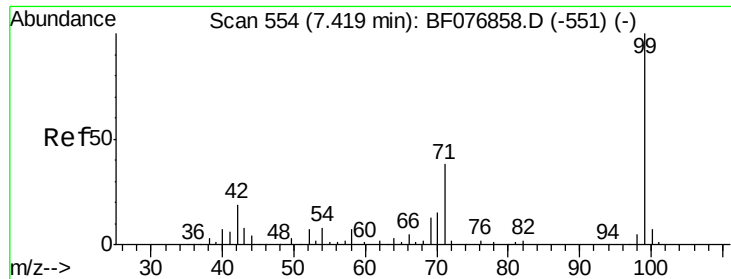


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.48 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076869.D

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BNA_F

ClientSampleId :

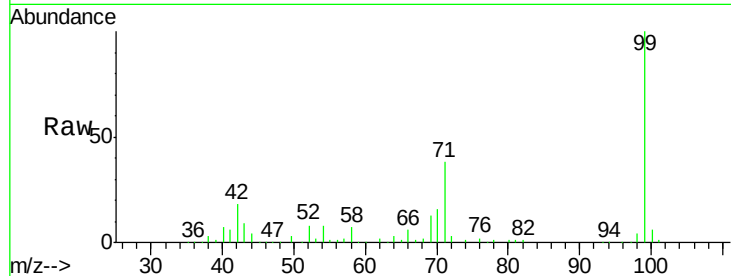
Tot Ion: 99 Resp: 304073

Ion Ratio Lower Upper

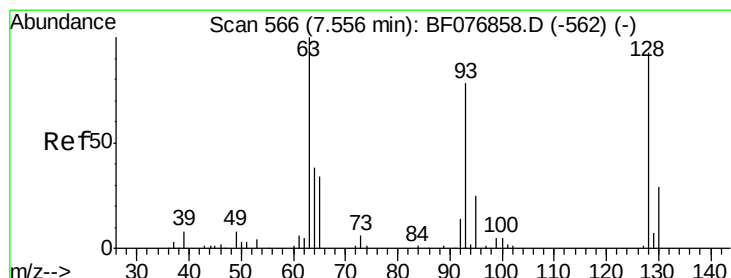
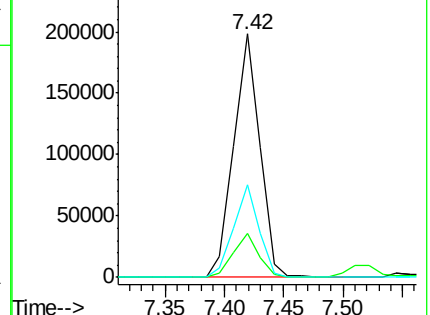
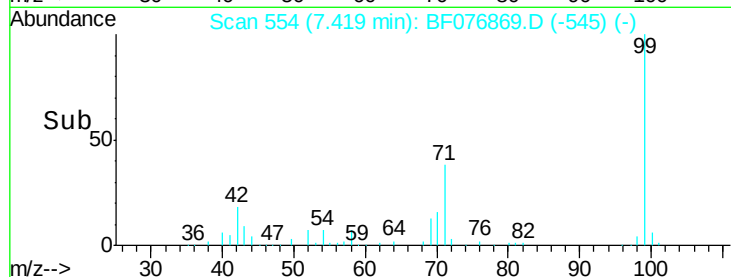
99 100

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: 35.15 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076869.D

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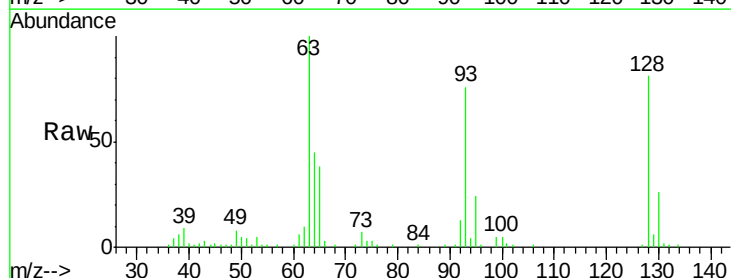
Tgt Ion: 128 Resp: 79091

Ion Ratio Lower Upper

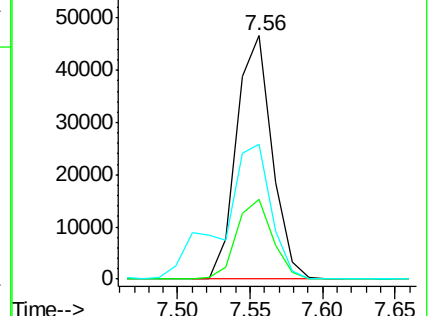
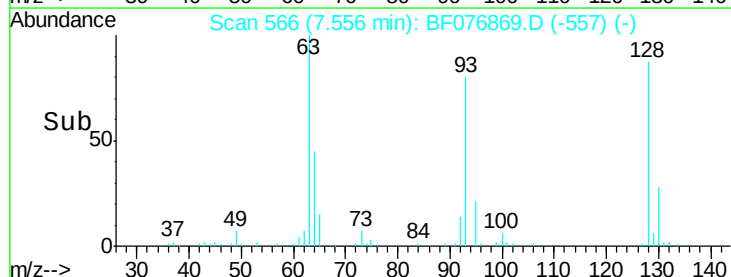
128 100

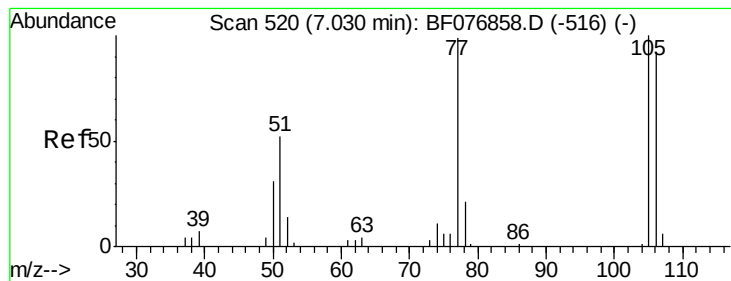
130 32.6 11.0 51.0

64 55.1 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: 18.99 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

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ClientSampled :

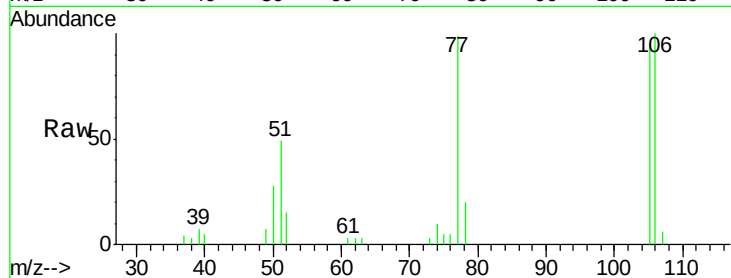
Tot Ion: 77 Resp: 29599

Ion Ratio Lower Upper

77 100

105 95.9 81.4 121.4

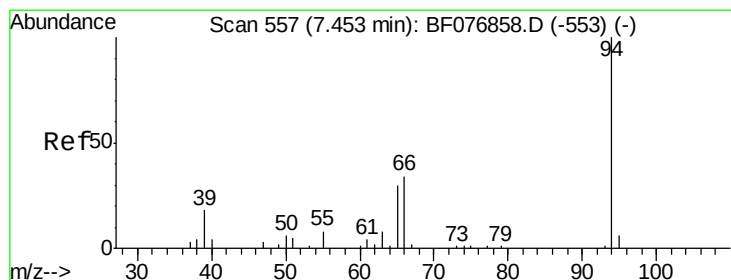
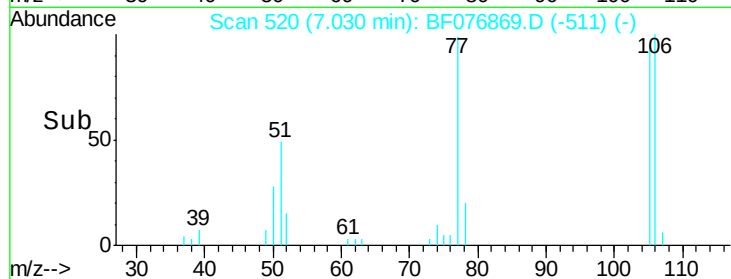
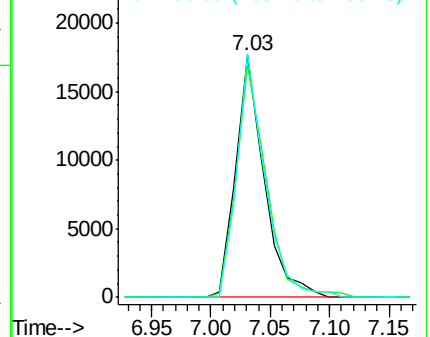
106 100.7 72.8 112.8



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: 37.52 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

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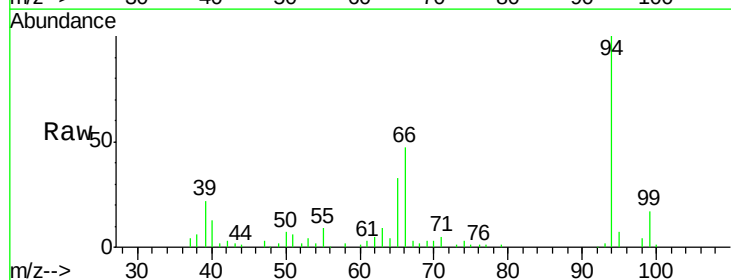
Tgt Ion: 94 Resp: 98105

Ion Ratio Lower Upper

94 100

65 33.2 11.3 51.3

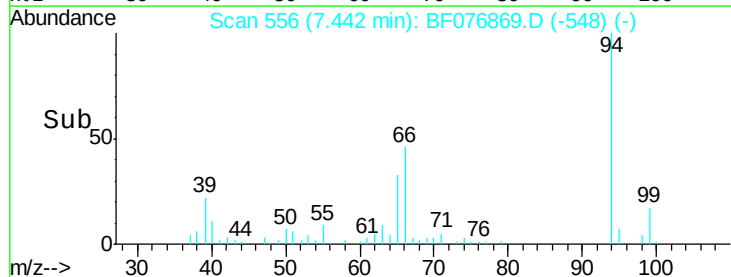
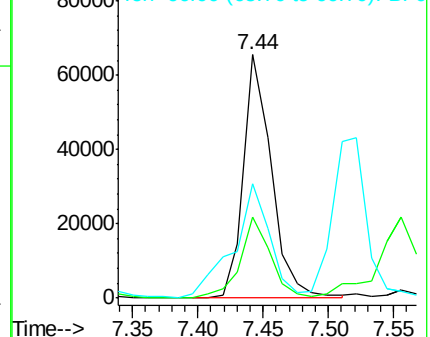
66 46.9 19.5 59.5

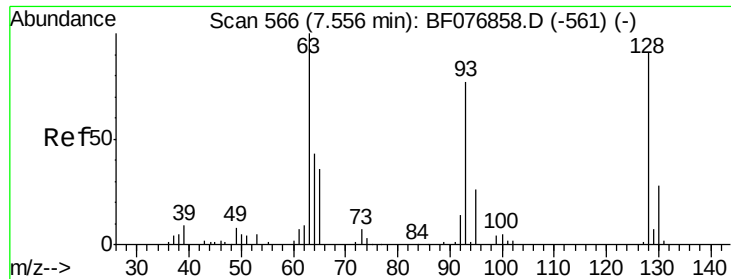


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

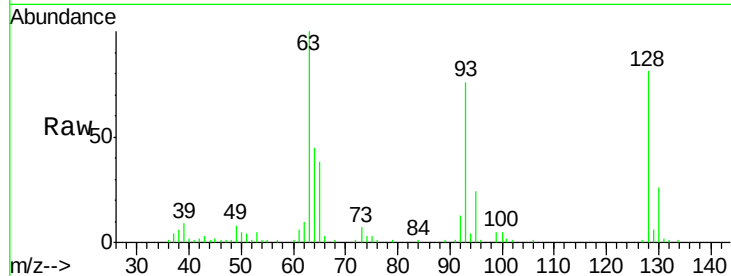




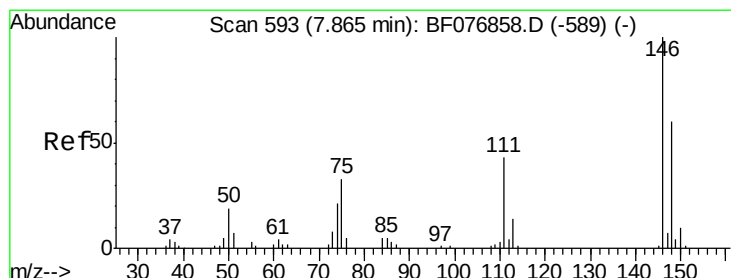
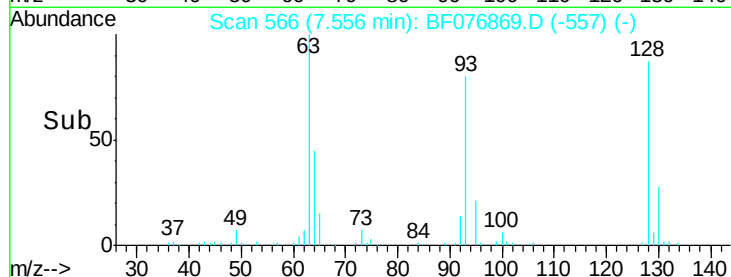
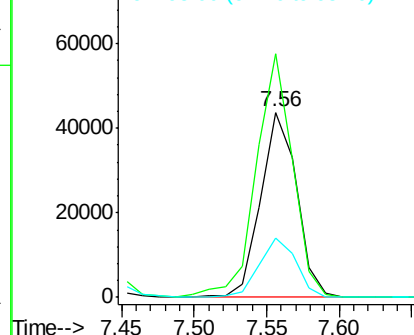
#11
bis(2-Chloroethyl)ether
Concen: 36.93 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 75548
Ion Ratio Lower Upper
93 100
63 131.6 111.3 151.3
95 32.1 13.8 53.8

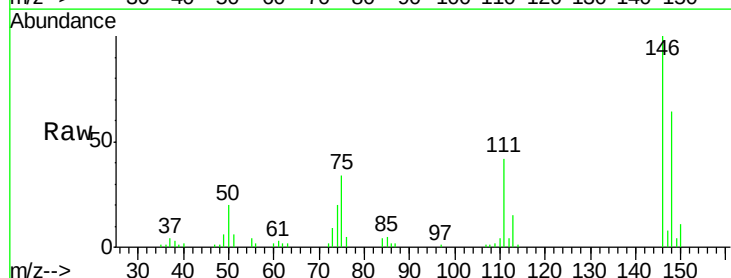


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

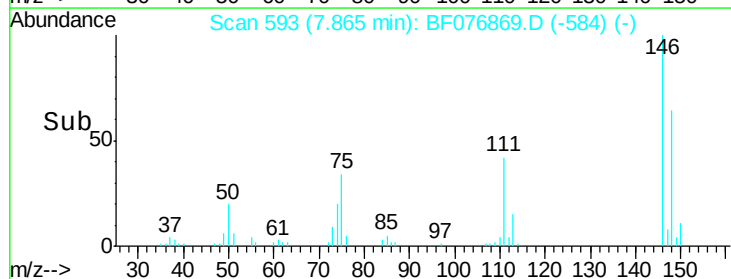
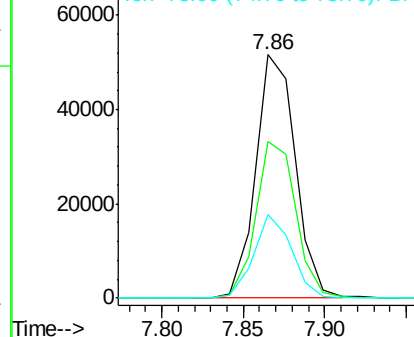


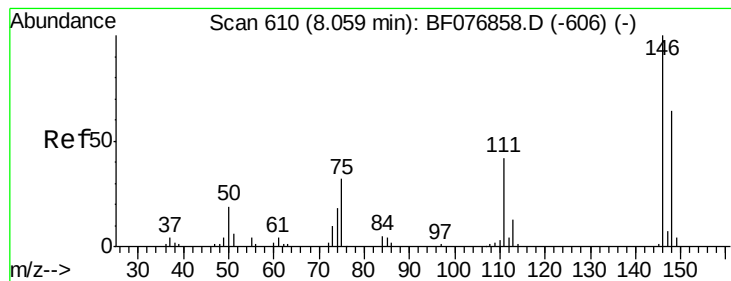
#12
1,3-Dichlorobenzene
Concen: 34.13 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion: 146 Resp: 87385
Ion Ratio Lower Upper
146 100
148 64.1 48.1 72.1
75 34.1 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: 32.73 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

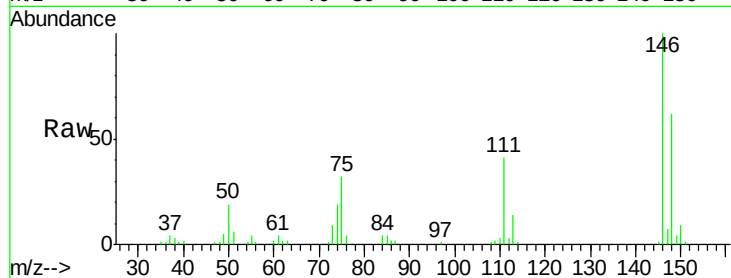
Tot Ion:146 Resp: 88859

Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

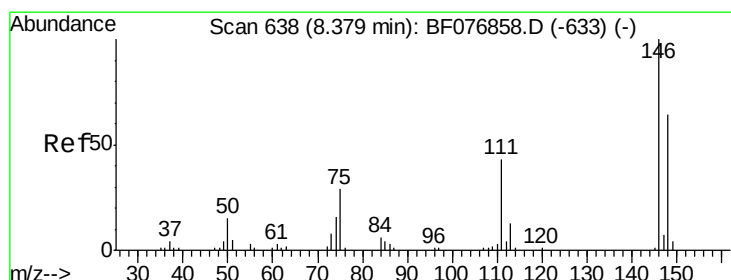
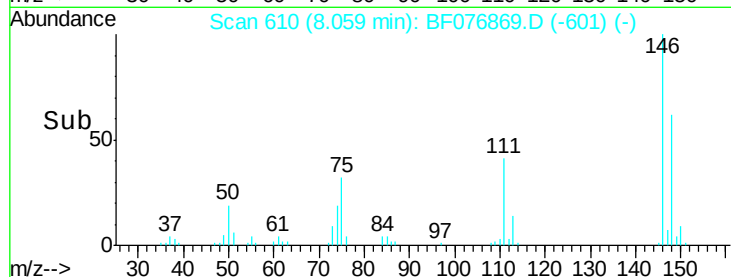
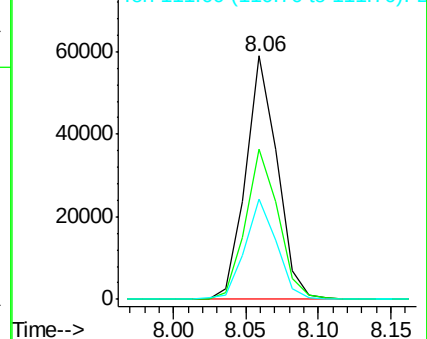
111 41.0 33.9 50.9



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: 34.85 ng

RT: 8.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

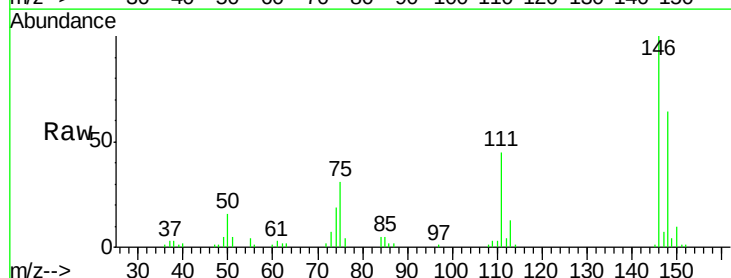
Tgt Ion:146 Resp: 87172

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

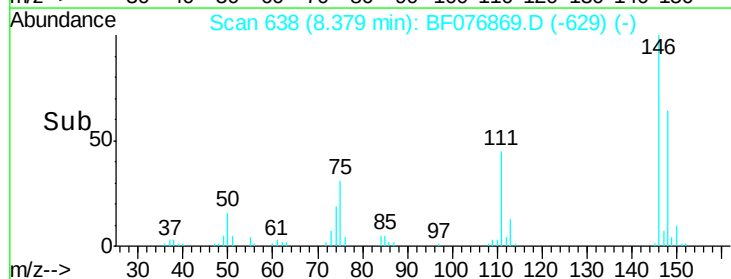
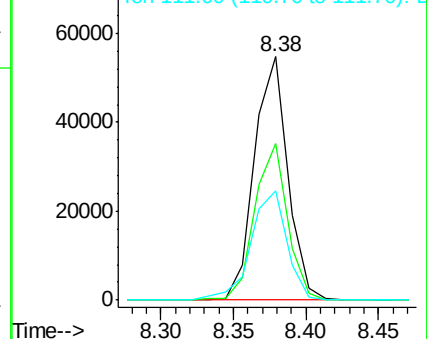
111 45.0 34.5 51.7

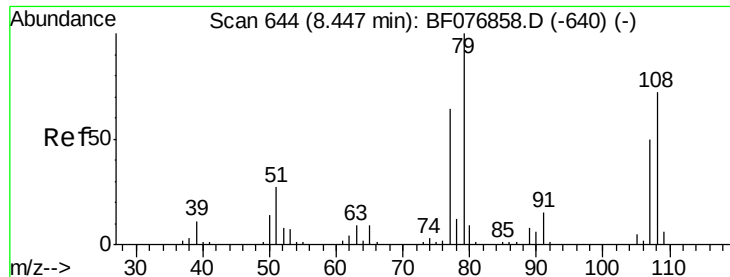


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.60 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

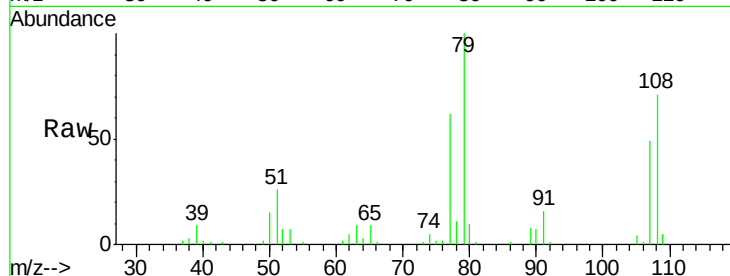
Tot Ion: 79 Resp: 72934

Ion Ratio Lower Upper

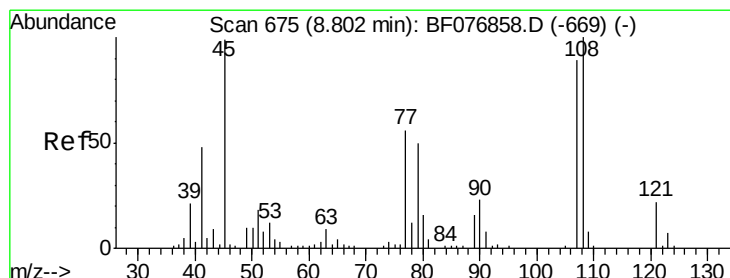
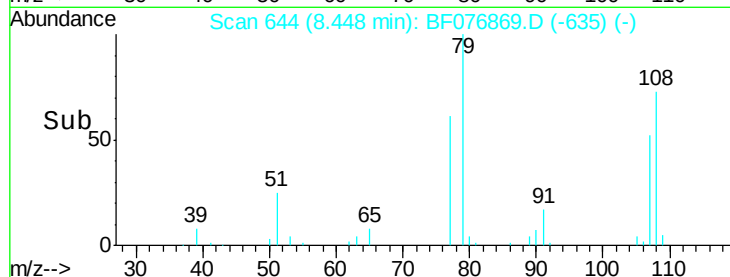
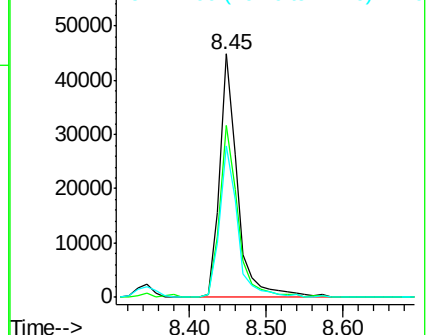
79 100

108 70.6 57.2 85.8

77 62.2 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.90 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

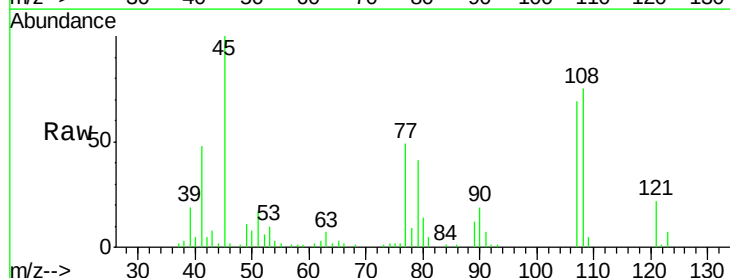
Tgt Ion: 45 Resp: 95985

Ion Ratio Lower Upper

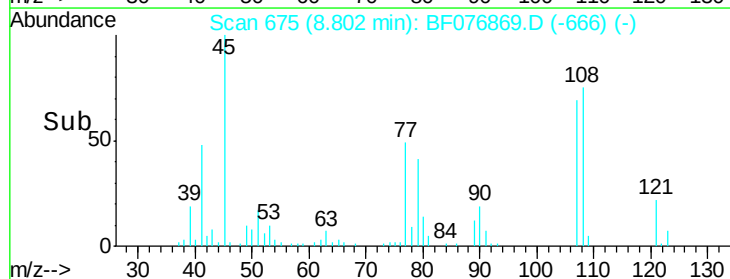
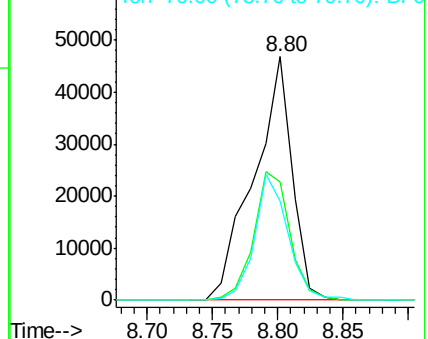
45 100

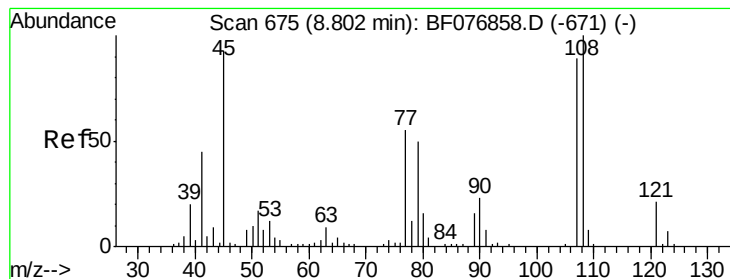
77 48.6 36.1 76.1

79 40.5 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.38 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 65066

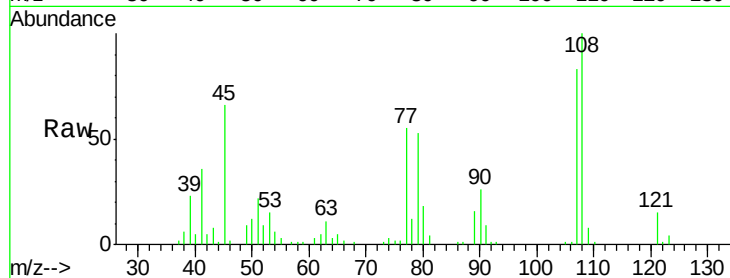
Ion Ratio Lower Upper

107 100

108 120.5 89.7 134.5

77 65.8 50.1 75.1

79 64.3 45.0 67.6

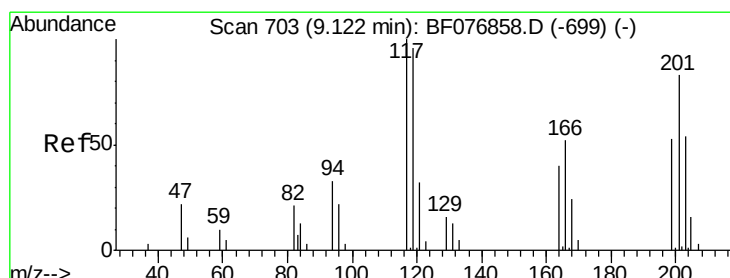
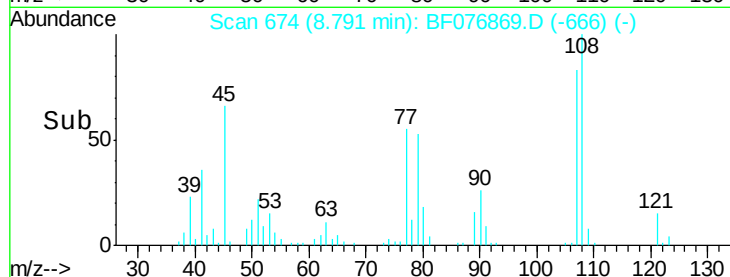
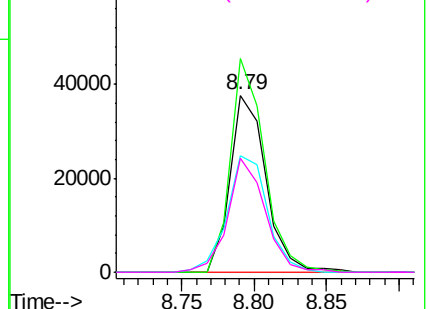


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.56 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

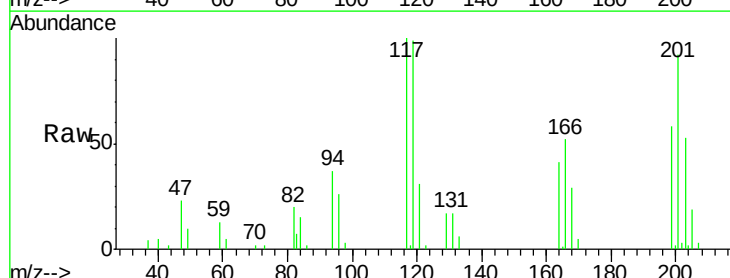
Tgt Ion:117 Resp: 33575

Ion Ratio Lower Upper

117 100

119 98.8 77.1 115.7

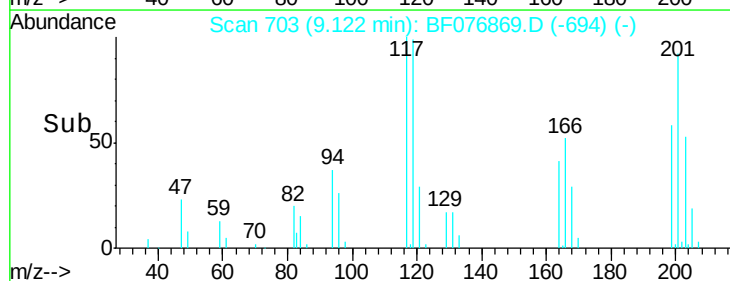
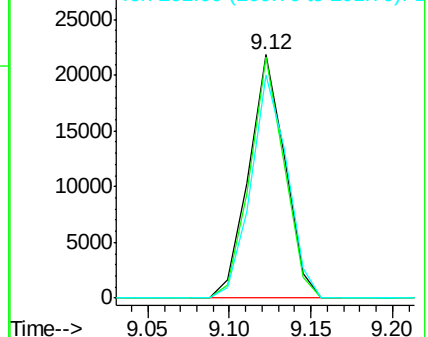
201 91.8 66.8 100.2

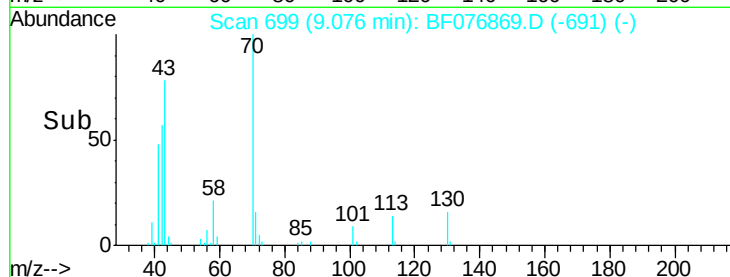
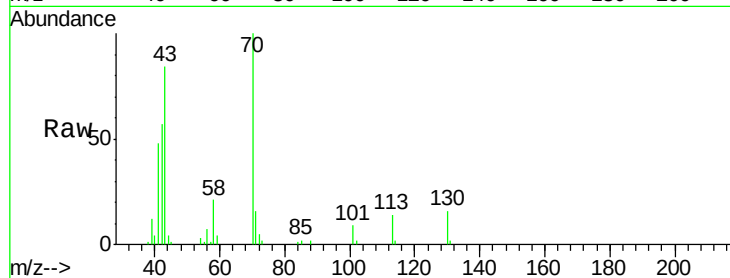
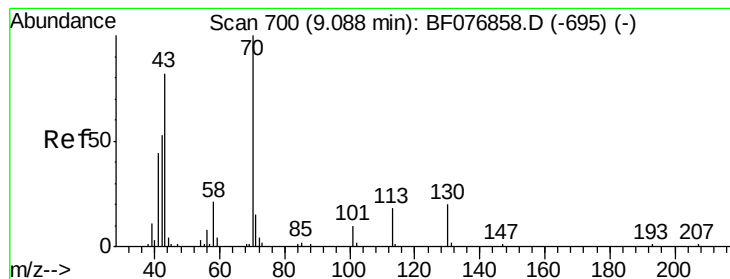


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.44 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 61080

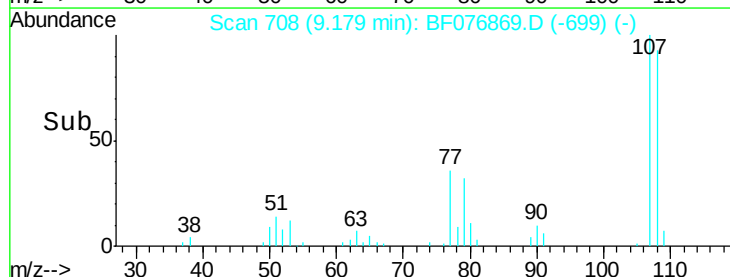
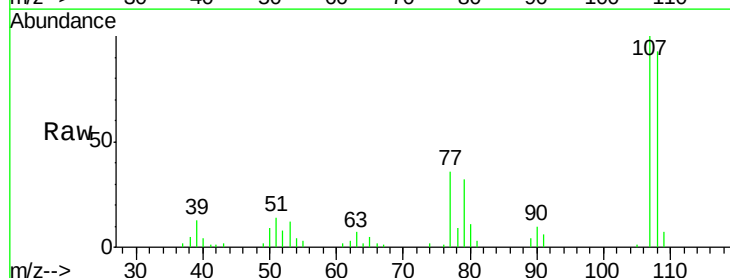
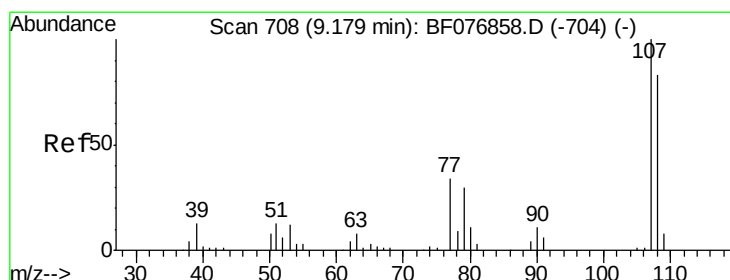
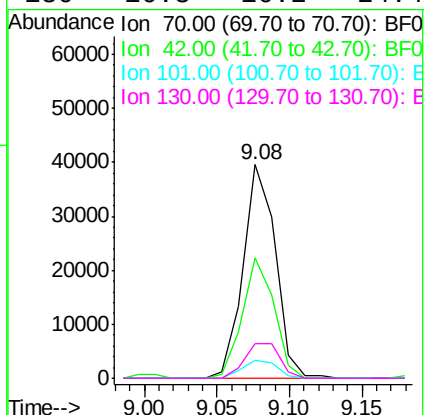
Ion Ratio Lower Upper

70 100

42 56.6 42.1 63.1

101 8.7 7.8 11.8

130 16.3 16.2 24.4



#20

3+4-Methylphenols

Concen: 34.76 ng

RT: 9.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Tgt Ion: 107 Resp: 84636

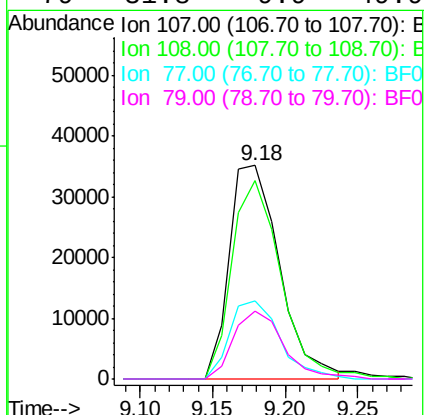
Ion Ratio Lower Upper

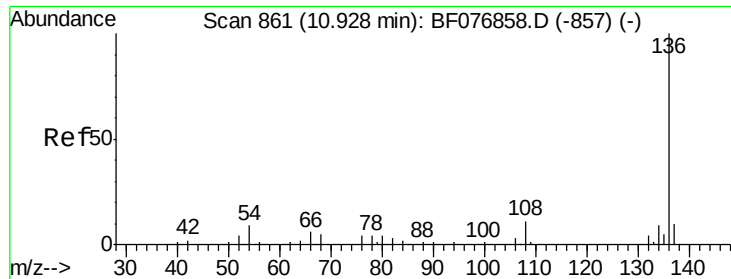
107 100

108 92.8 63.5 103.5

77 36.3 14.0 54.0

79 31.8 9.9 49.9

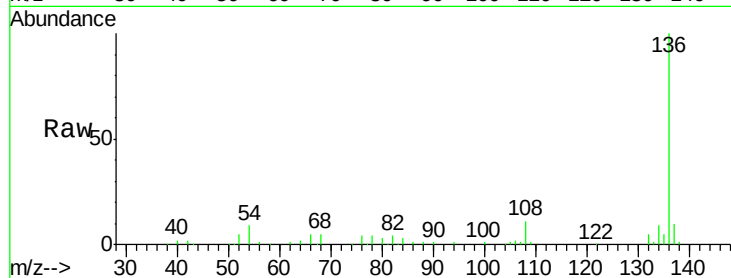




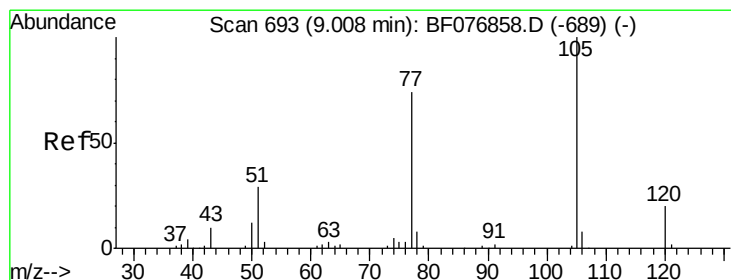
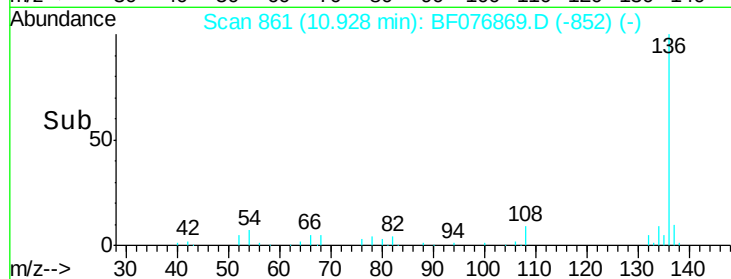
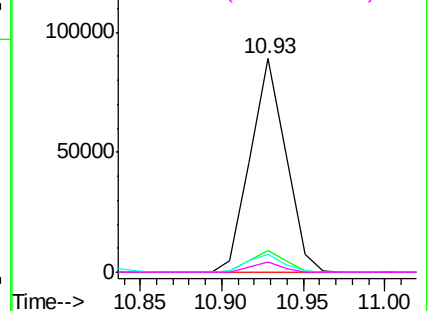
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	134840
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.1 12.1
54	8.5	7.0 10.4
68	4.6	3.7 5.5

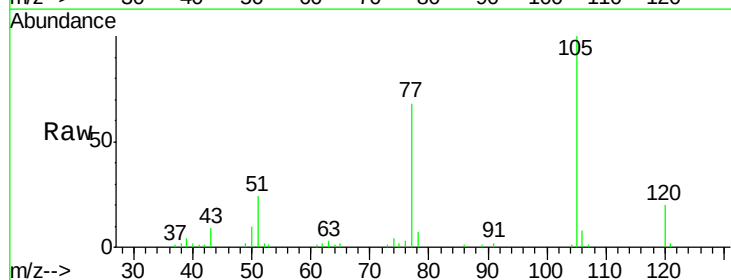


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

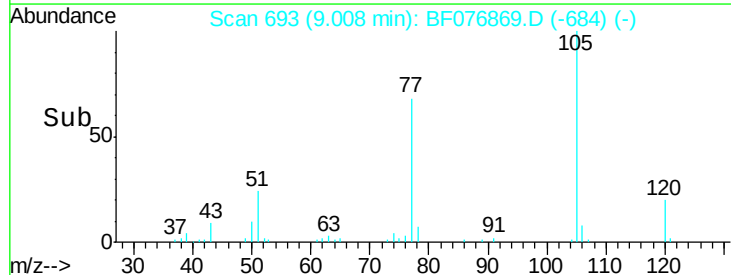
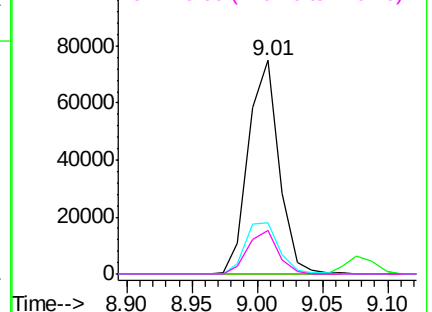


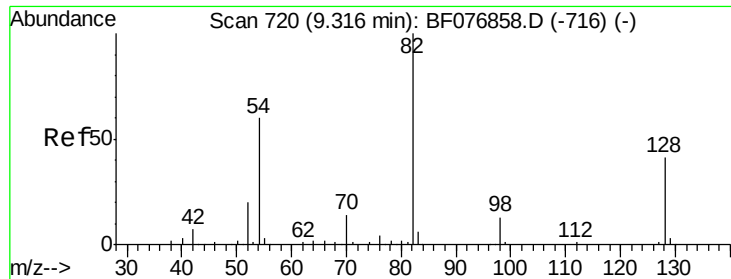
#22
Acetophenone
Concen: 37.21 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:105	Resp:	122885
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	23.8	23.3 34.9
120	20.2	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

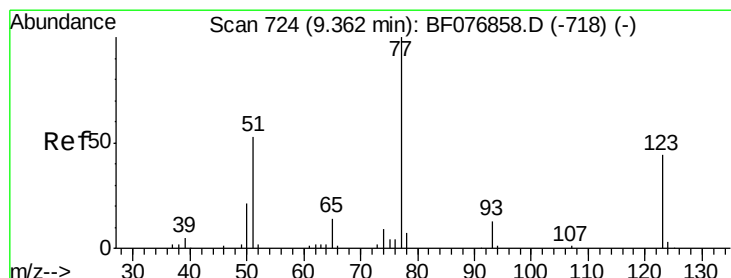
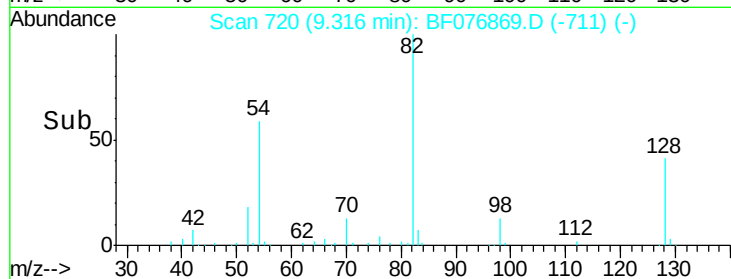
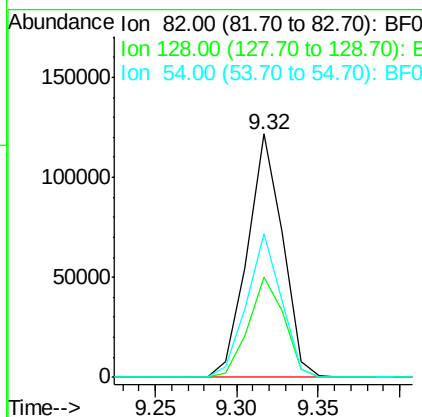
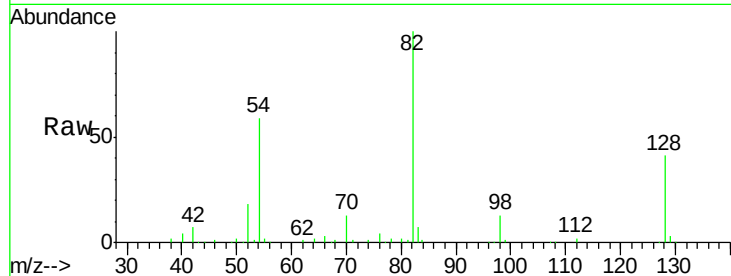




#23
 Nitrobenzene-d5
 Concen: 74.91 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

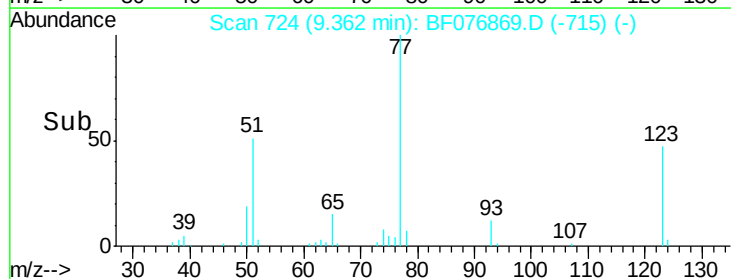
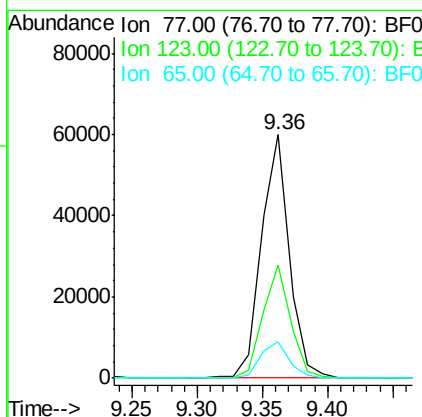
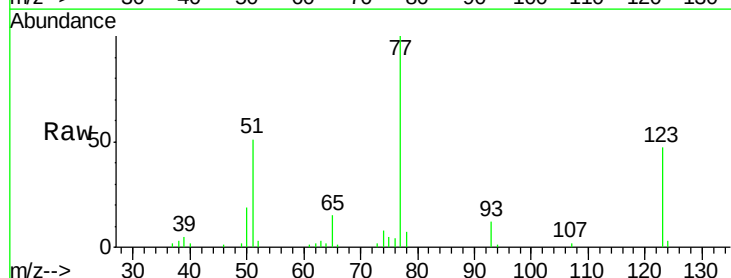
Instrument :
 BNA_F
 ClientSampleId :

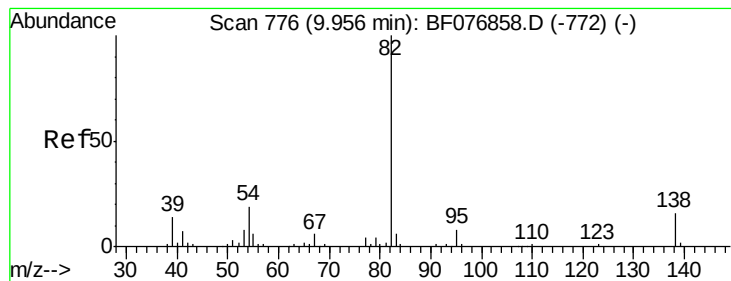
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.1	49.7
54	59.3	48.3	72.5



#24
 Nitrobenzene
 Concen: 36.24 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.2	52.8
65	15.0	11.4	17.2





#25

Isophorone

Concen: 36.19 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampled :

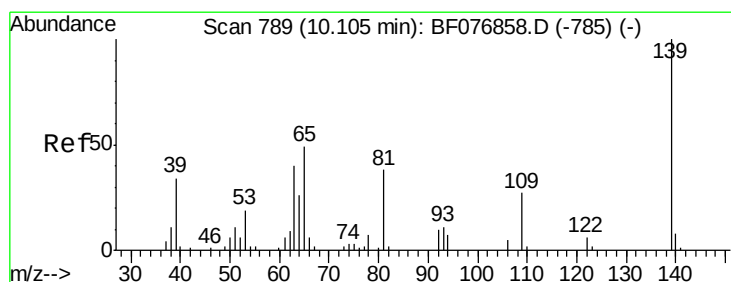
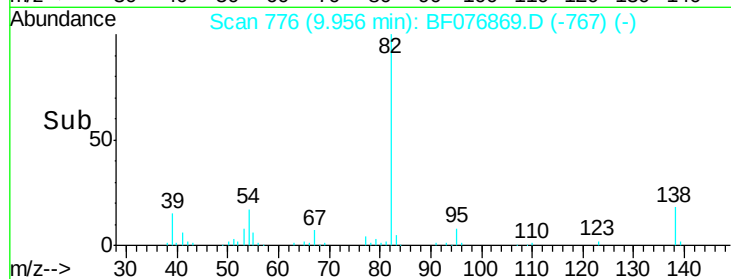
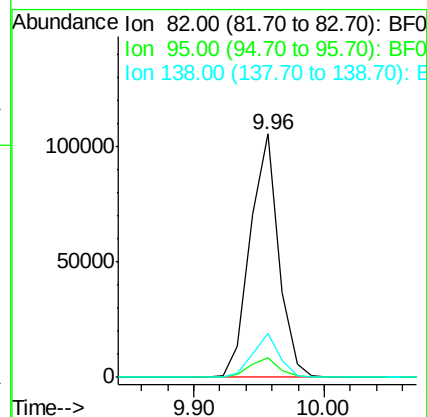
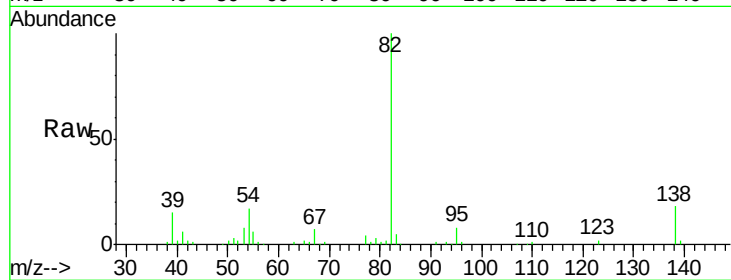
Tot Ion: 82 Resp: 160411

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

138 17.8 12.6 18.8



#26

2-Nitrophenol

Concen: 33.81 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

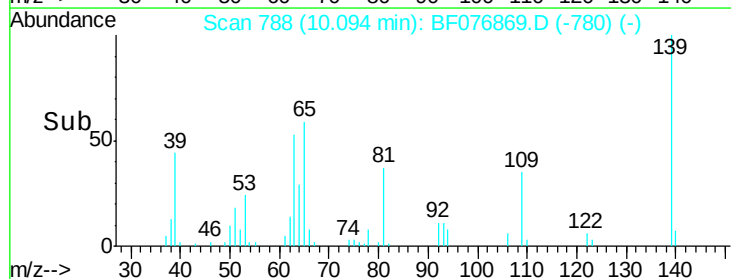
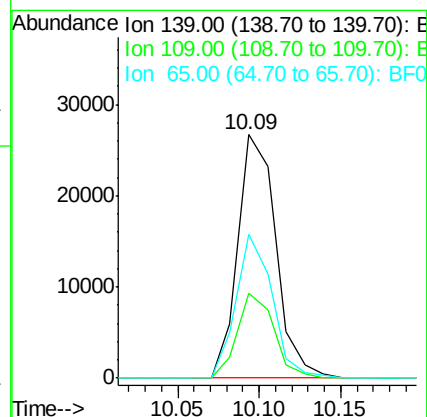
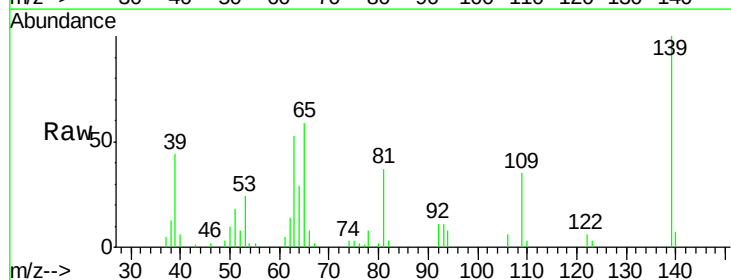
Tgt Ion: 139 Resp: 43147

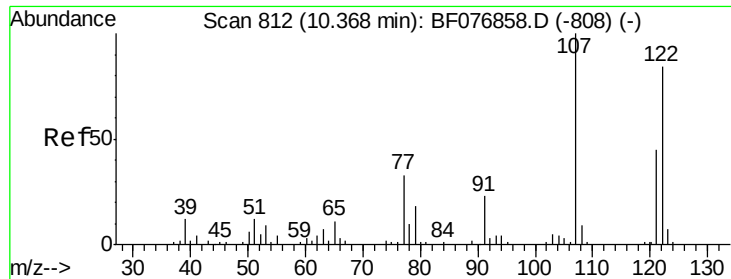
Ion Ratio Lower Upper

139 100

109 34.9 21.3 31.9#

65 59.1 39.4 59.0#





#27

2,4-Dimethylphenol

Concen: 38.65 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

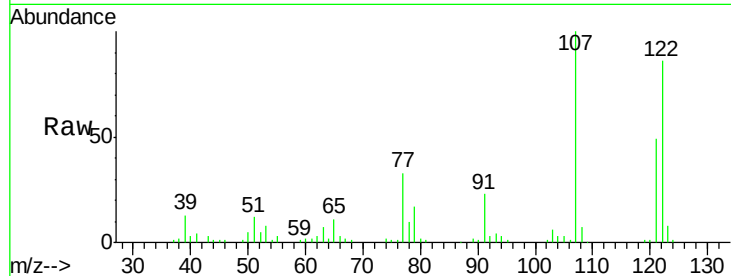
Tot Ion:122 Resp: 74111

Ion Ratio Lower Upper

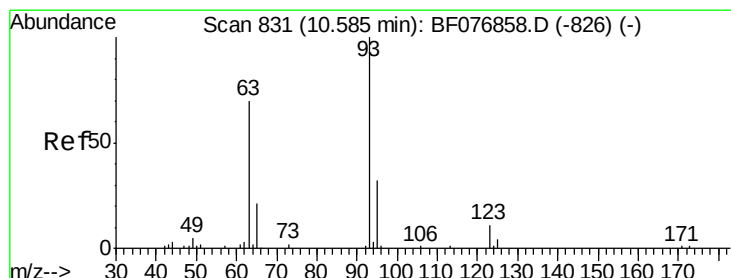
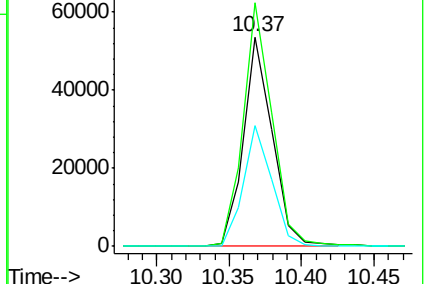
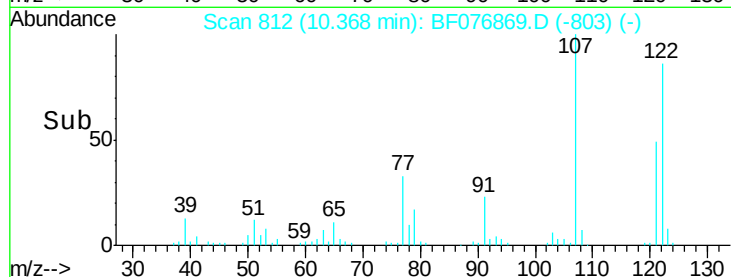
122 100

107 116.4 95.2 142.8

121 57.5 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: 38.21 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

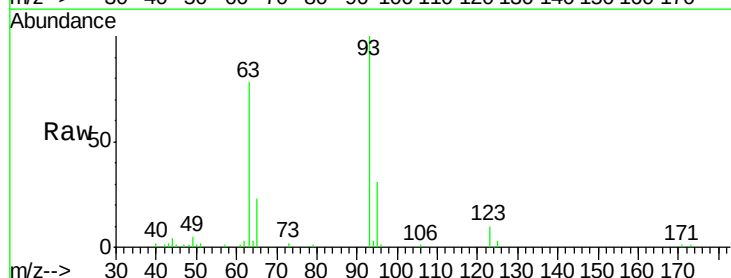
Tgt Ion: 93 Resp: 96276

Ion Ratio Lower Upper

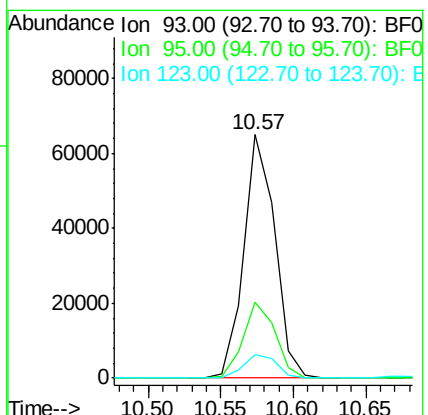
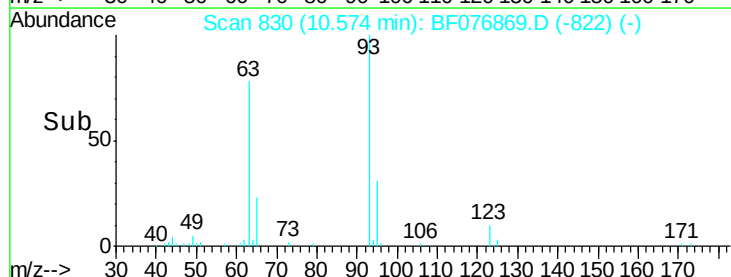
93 100

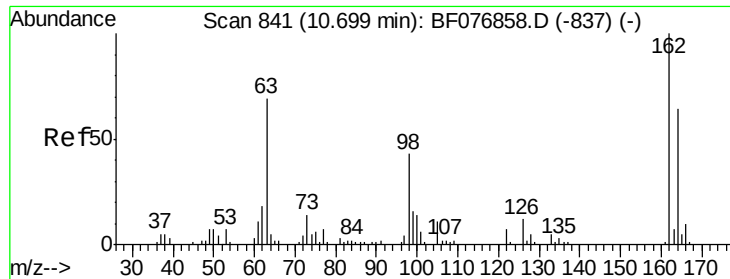
95 31.3 25.6 38.4

123 9.8 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

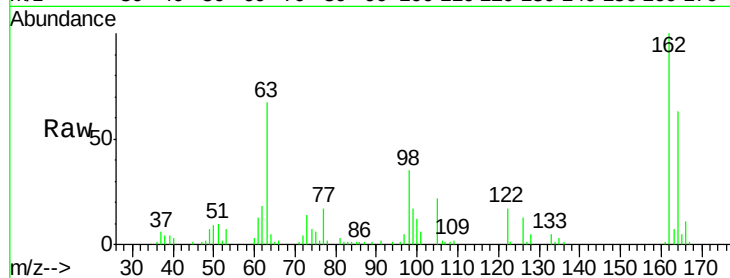




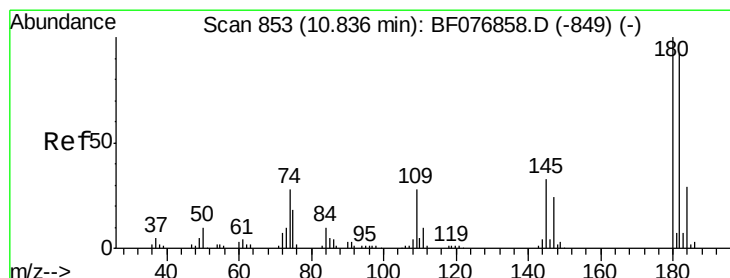
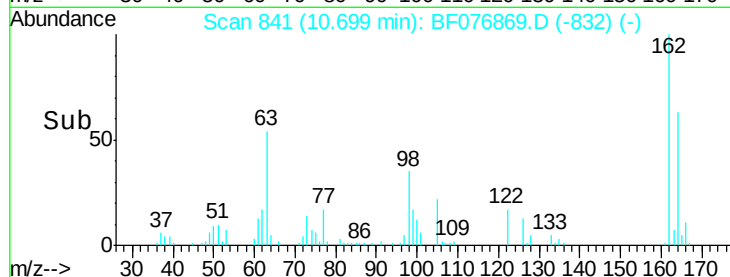
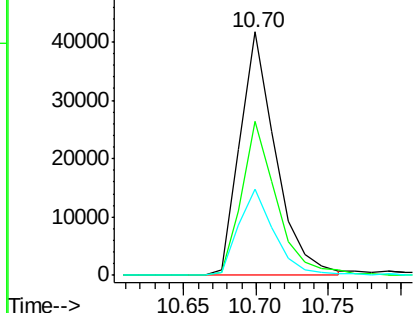
#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 10.70 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 71320
Ion Ratio Lower Upper
162 100
164 63.2 43.8 83.8
98 35.4 22.5 62.5

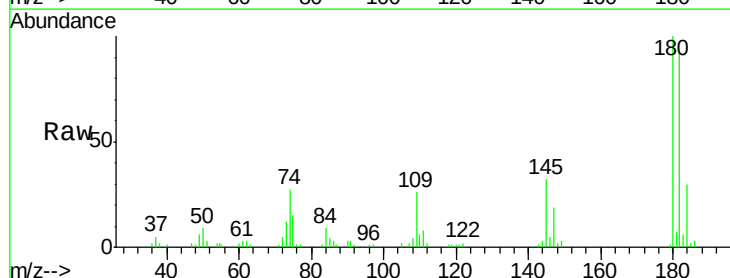


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

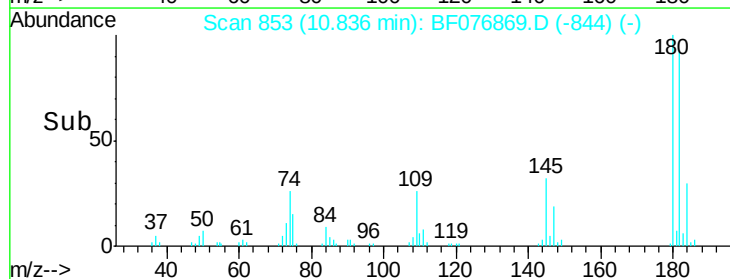
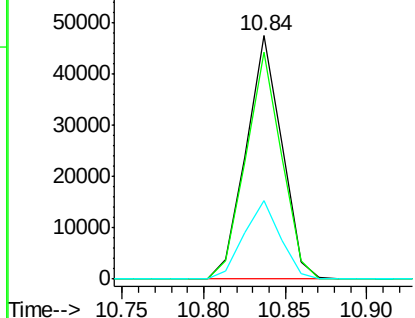


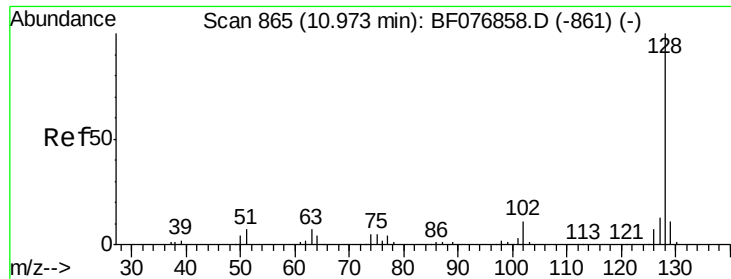
#30
1,2,4-Trichlorobenzene
Concen: 36.42 ng
RT: 10.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:180 Resp: 72284
Ion Ratio Lower Upper
180 100
182 93.5 73.6 110.4
145 32.3 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

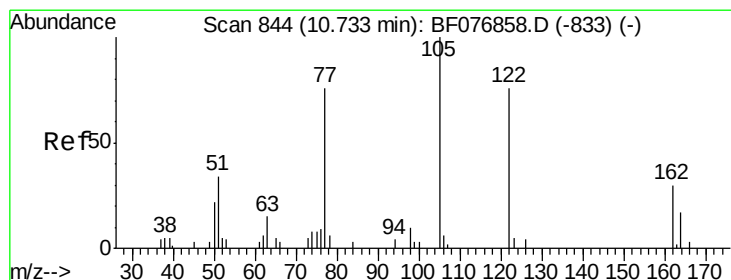
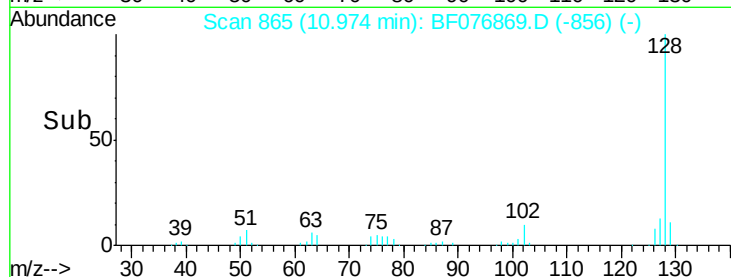
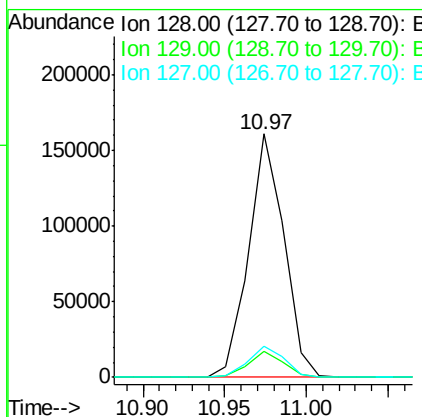
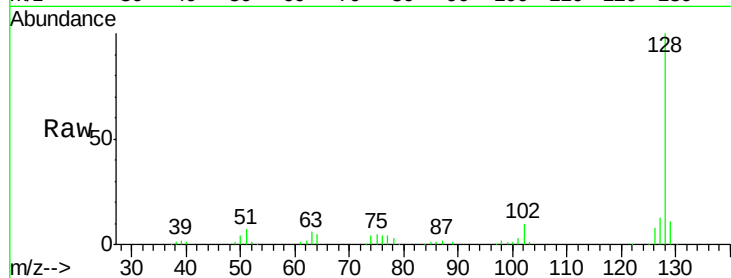




#31
Naphthalene
Concen: 34.87 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

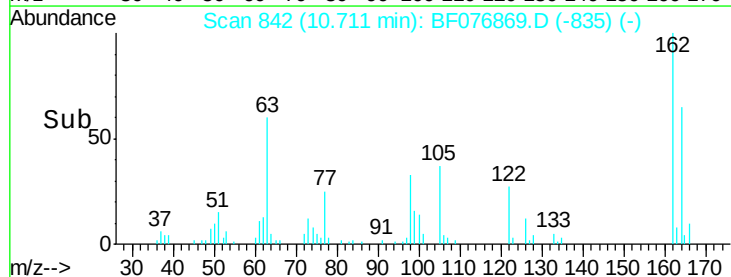
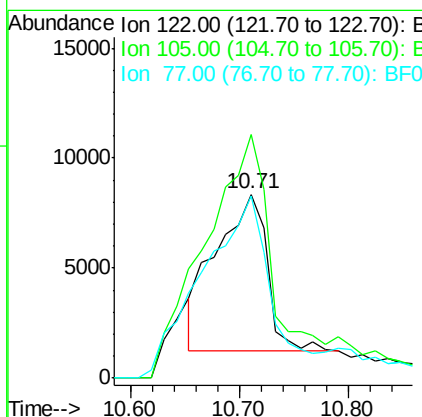
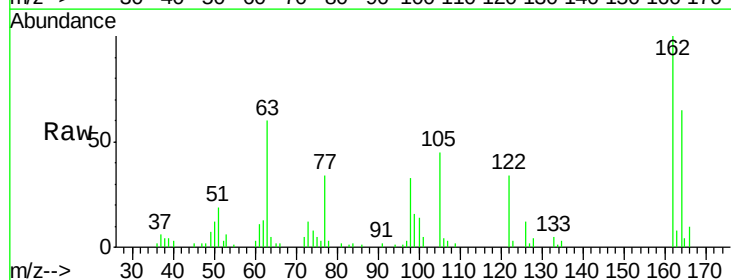
Instrument :
BNA_F
ClientSampleId :

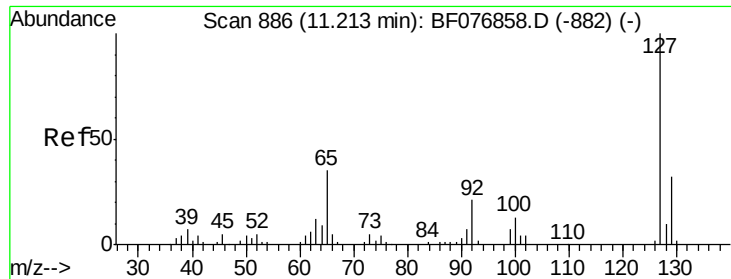
Tot Ion:128 Resp: 242045
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 22.09 ng
RT: 10.71 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:122 Resp: 23464
Ion Ratio Lower Upper
122 100
105 132.3 111.3 151.3
77 99.0 79.2 119.2

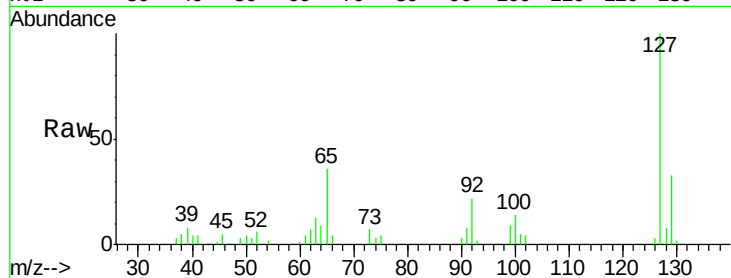




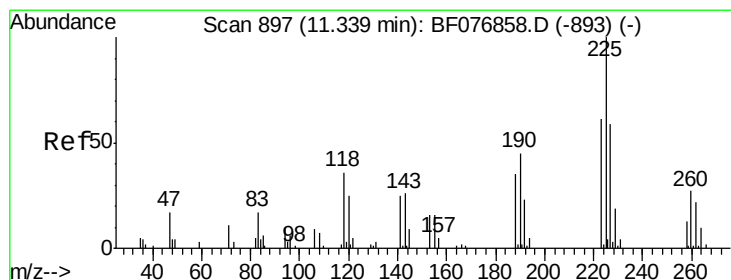
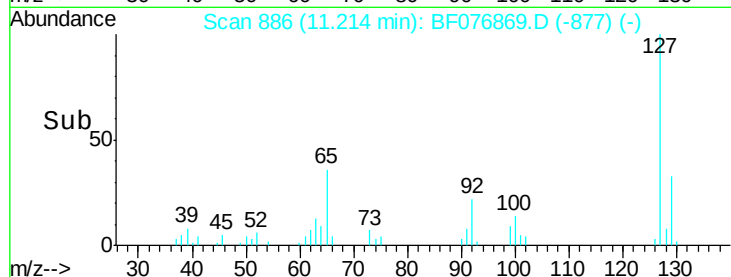
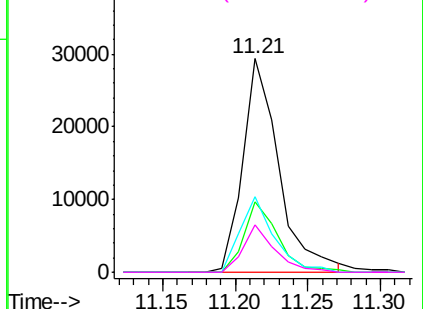
#33
4-Chloroaniline
Concen: 18.12 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	50828
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.3 37.9
65	35.7	27.8 41.6
92	21.9	16.5 24.7

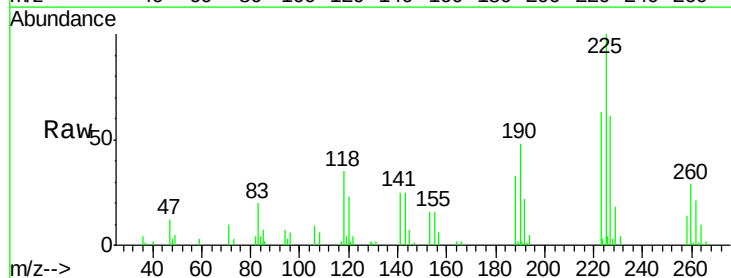


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

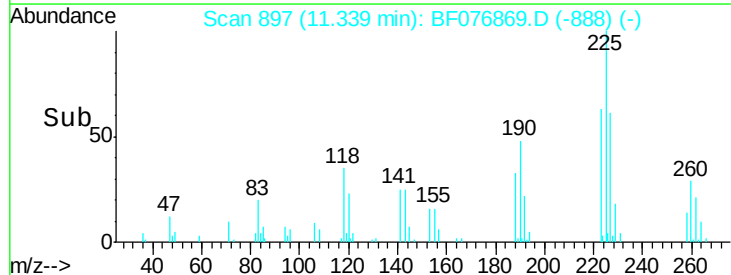
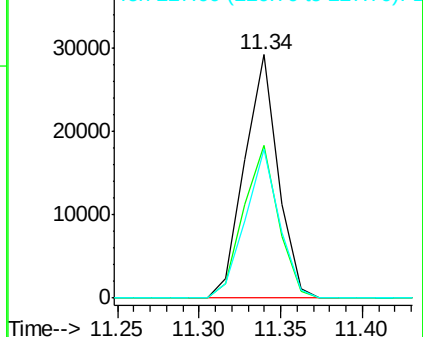


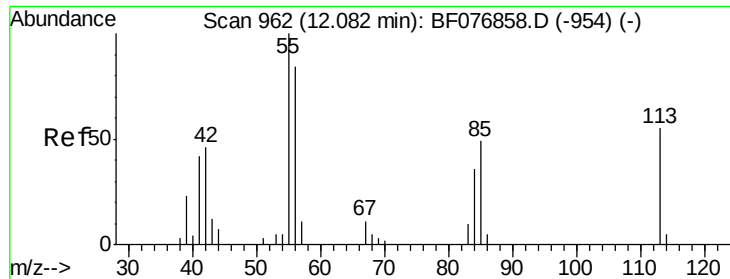
#34
Hexachlorobutadiene
Concen: 35.35 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:225	Resp:	41626
Ion Ratio	Lower	Upper
225	100	
223	62.6	49.1 73.7
227	61.0	47.5 71.3



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

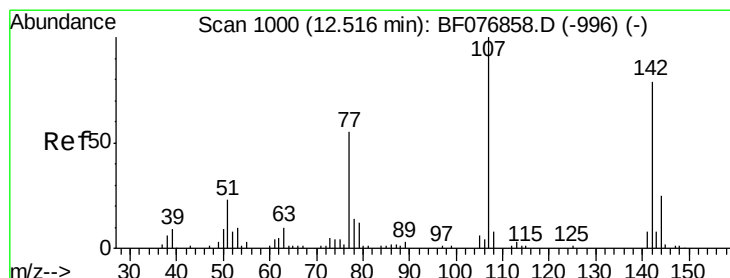
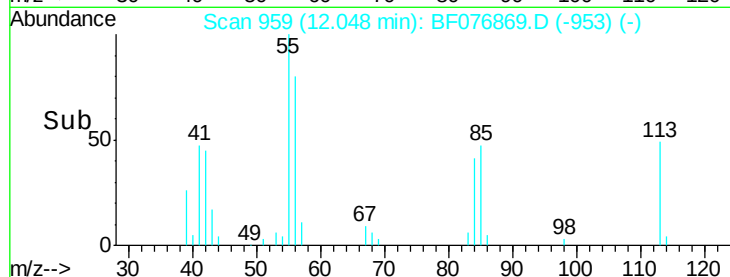
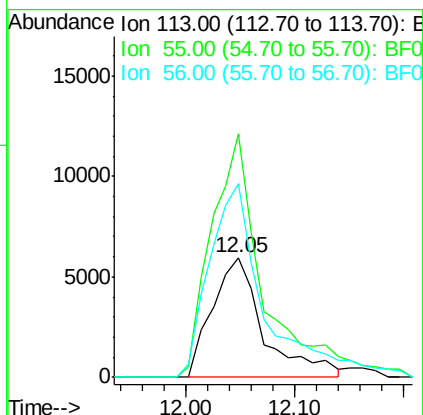
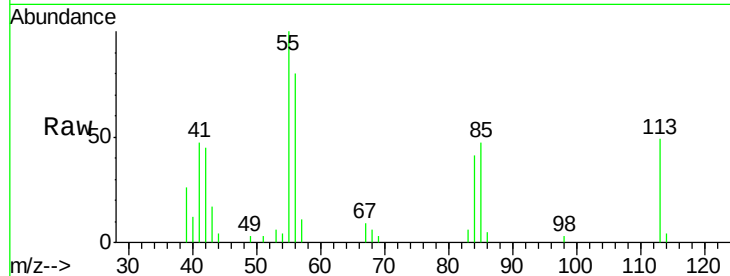




#35
 Caprolactam
 Concen: 36.97 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

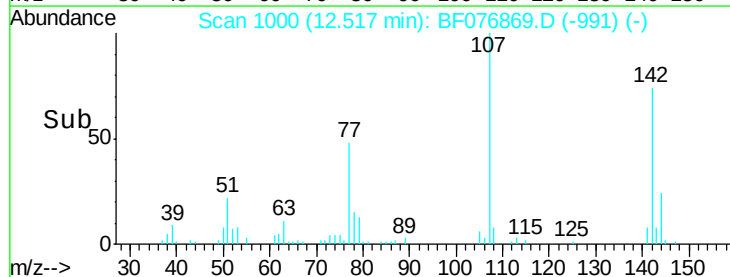
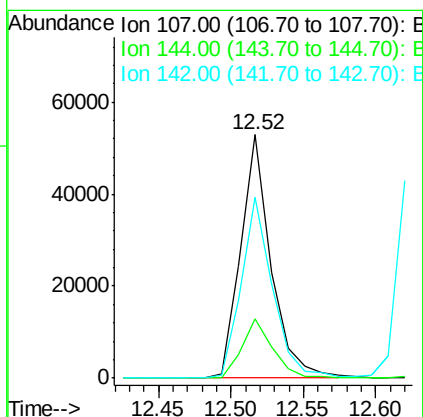
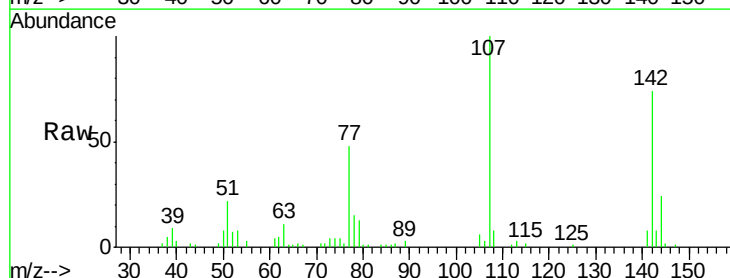
Instrument :
 BNA_F
 ClientSampleID :

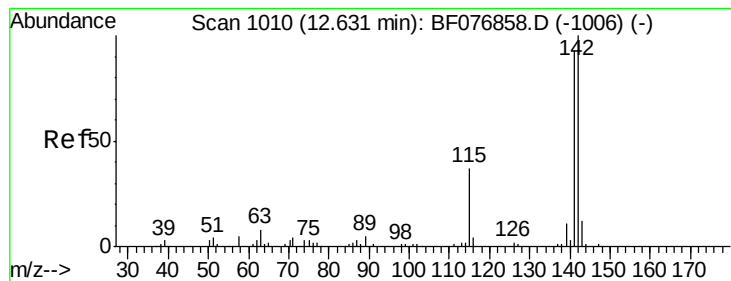
Tot Ion:113 Resp: 19452
 Ion Ratio Lower Upper
 113 100
 55 202.9 162.1 202.1#
 56 161.4 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.43 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:107 Resp: 76575
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 74.4 63.5 95.3





#37

2-Methylnaphthalene

Concen: 35.74 ng

RT: 12.63 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampled :

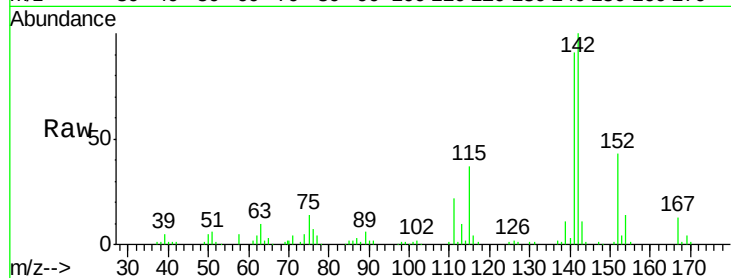
Tot Ion:142 Resp: 169440

Ion Ratio Lower Upper

142 100

141 90.8 74.5 111.7

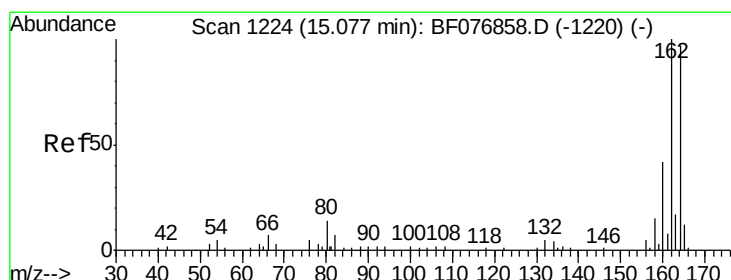
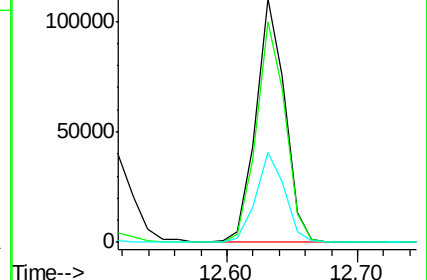
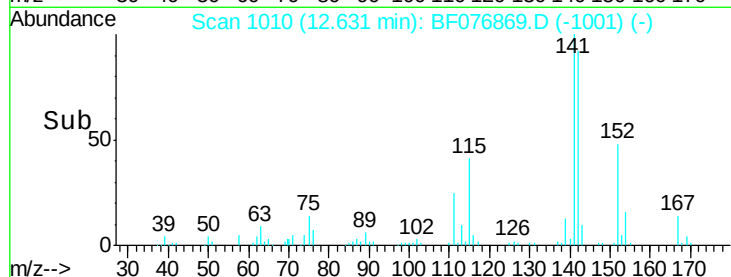
115 36.9 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

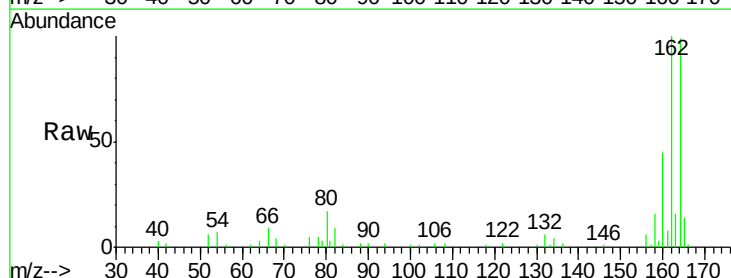
Tgt Ion:164 Resp: 75418

Ion Ratio Lower Upper

164 100

162 101.2 82.4 123.6

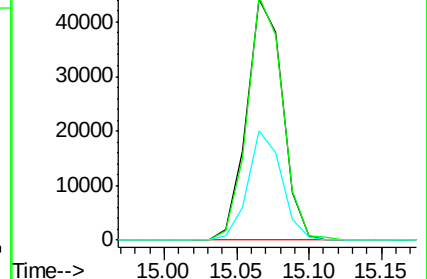
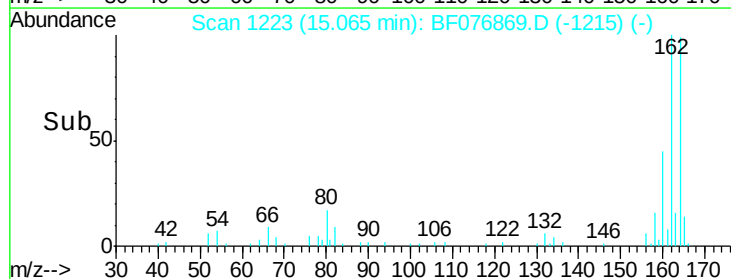
160 45.4 34.8 52.2

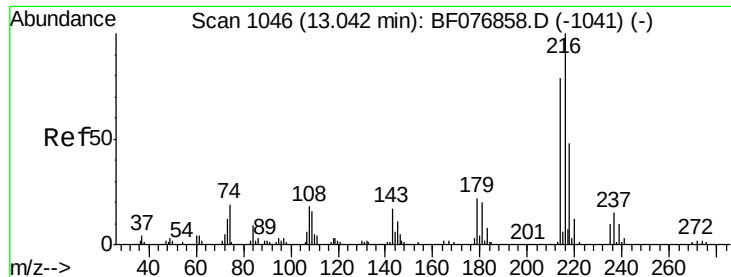


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

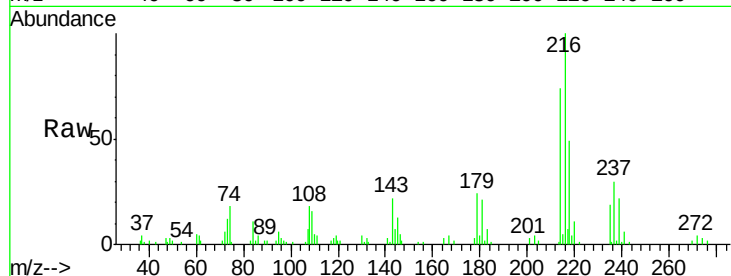




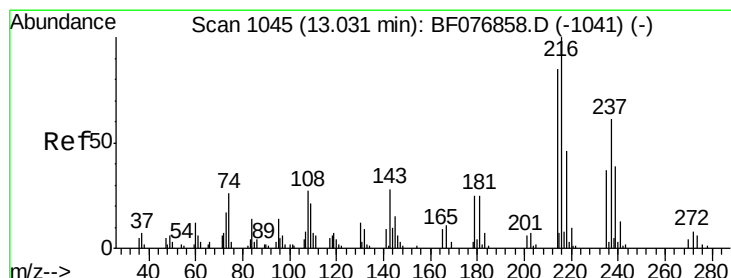
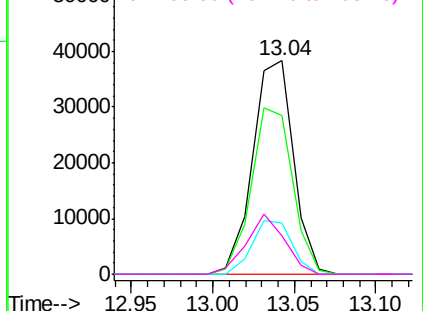
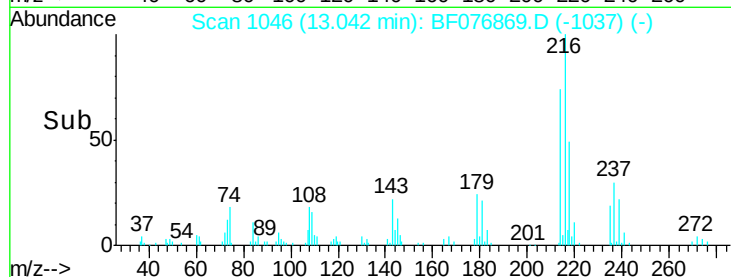
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.84 ng
 RT: 13.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	66827
Ion Ratio	Lower	Upper
216	100	
214	78.9	64.9 97.3
179	24.7	18.6 28.0
108	26.1	18.1 27.1

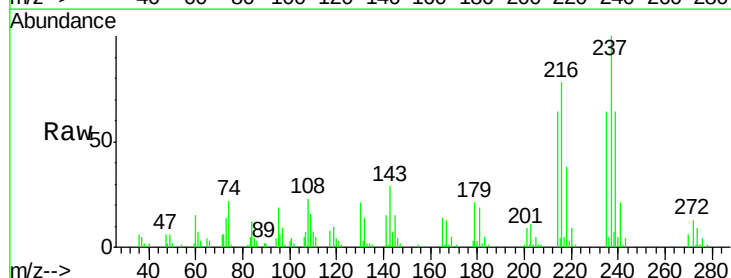


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

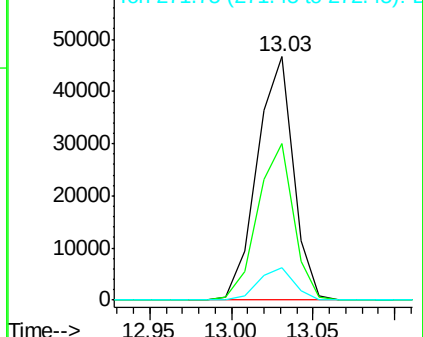
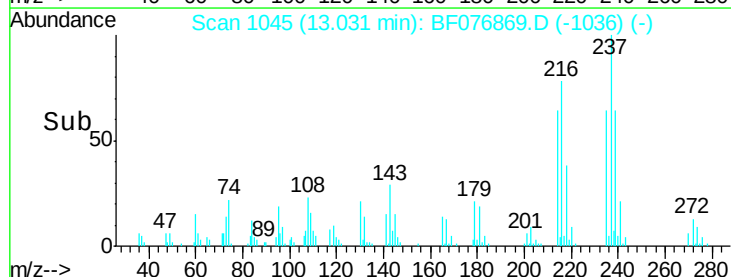


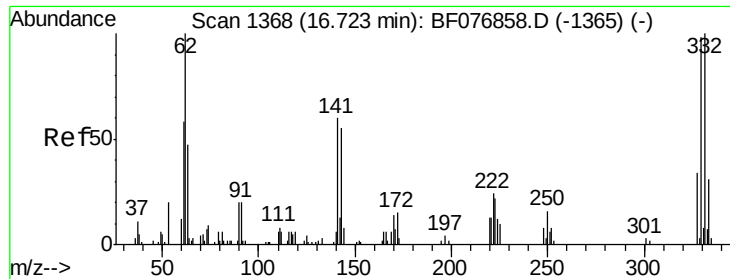
#40
 Hexachlorocyclopentadiene
 Concen: 73.93 ng
 RT: 13.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:237	Resp:	72209
Ion Ratio	Lower	Upper
237	100	
235	64.5	40.4 80.4
272	13.1	0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

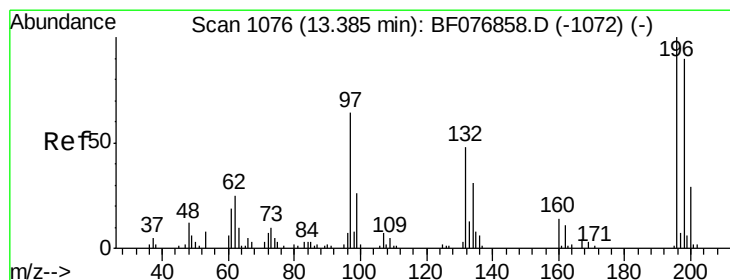
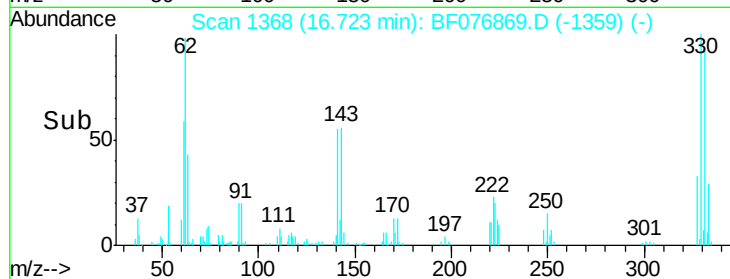
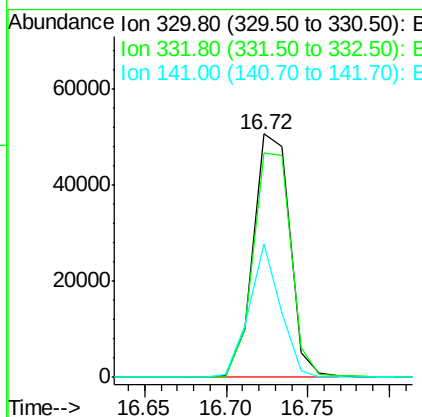
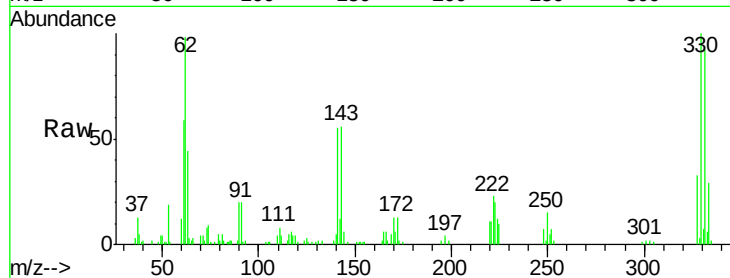




#41
 2,4,6-Tribromophenol
 Concen: 128.92 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

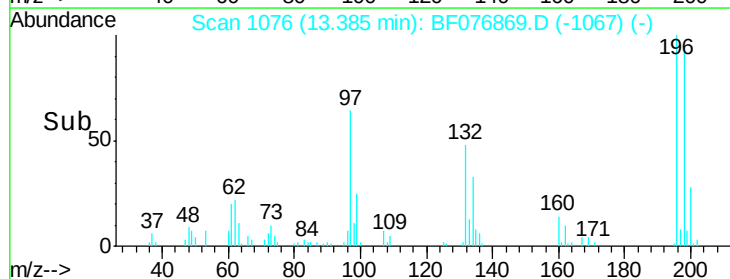
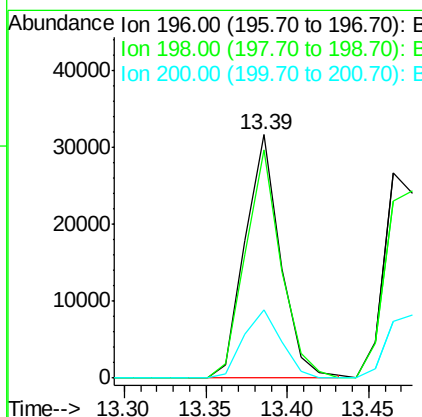
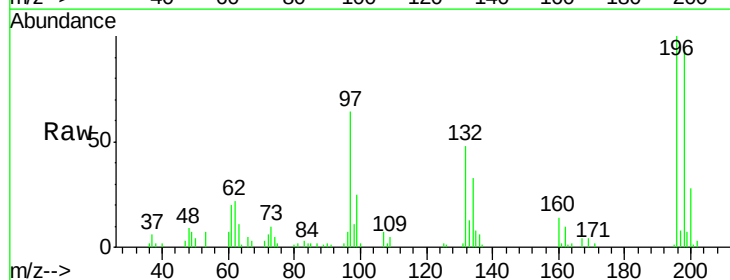
Instrument :
 BNA_F
 ClientSampled :

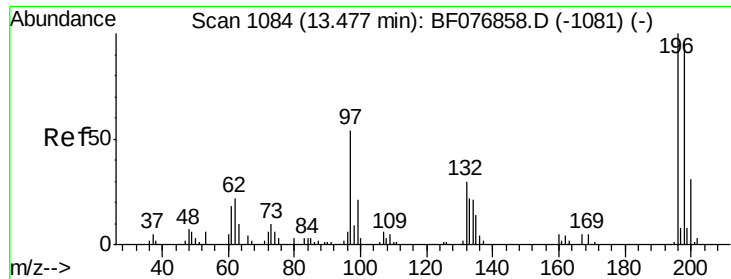
Tot Ion:330 Resp: 78925
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 47.1 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 35.10 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:196 Resp: 47693
 Ion Ratio Lower Upper
 196 100
 198 94.0 72.0 108.0
 200 27.9 23.4 35.2

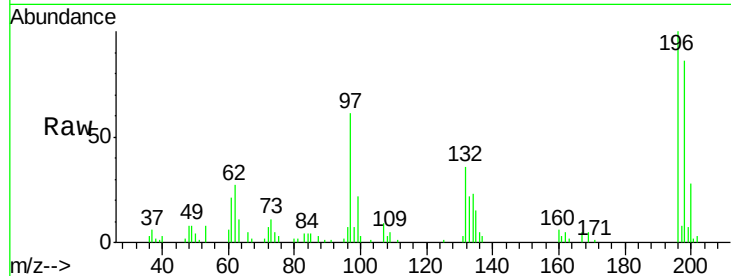




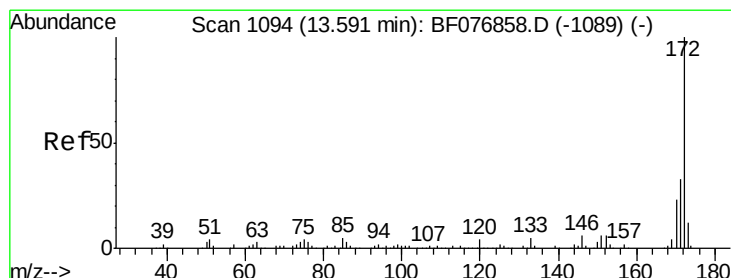
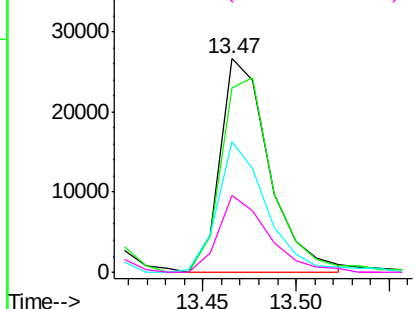
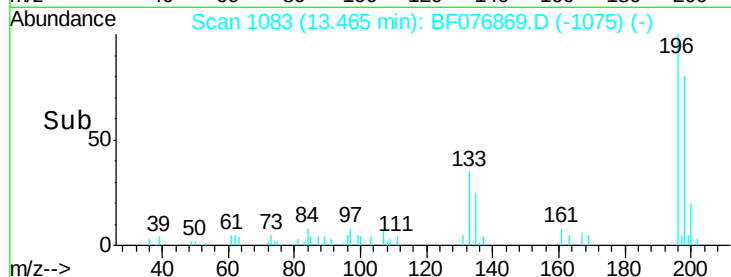
#43
 2,4,5-Trichlorophenol
 Concen: 35.57 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 49286
 Ion Ratio Lower Upper
 196 100
 198 86.3 76.6 115.0
 97 60.9 43.4 65.0
 132 36.1 23.7 35.5#

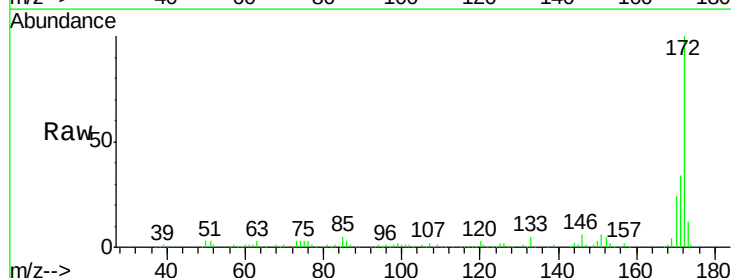


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

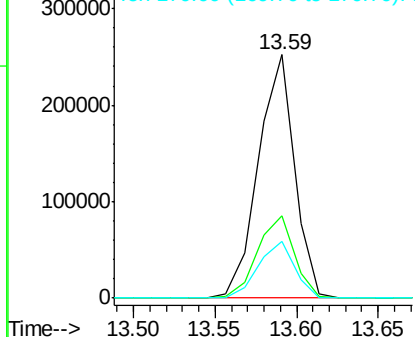
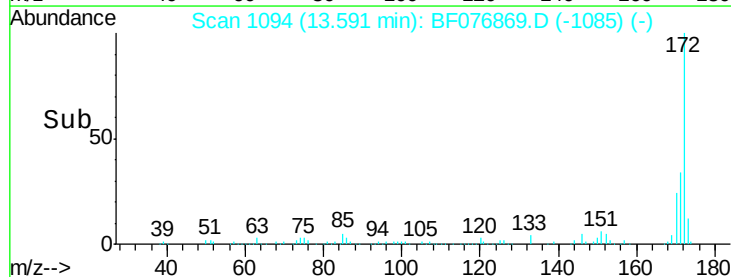


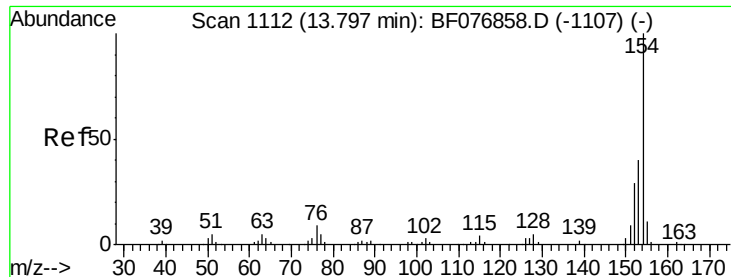
#44
 2-Fluorobiphenyl
 Concen: 78.68 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:172 Resp: 389909
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.6 40.0
 170 23.5 18.0 27.0



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

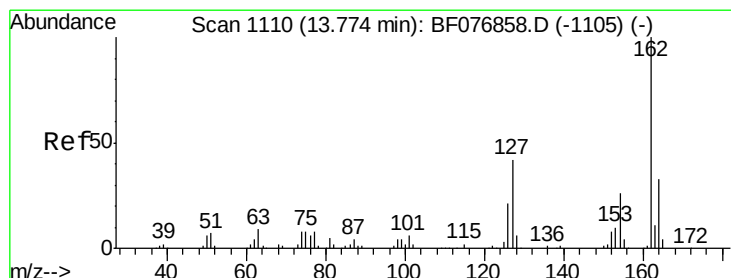
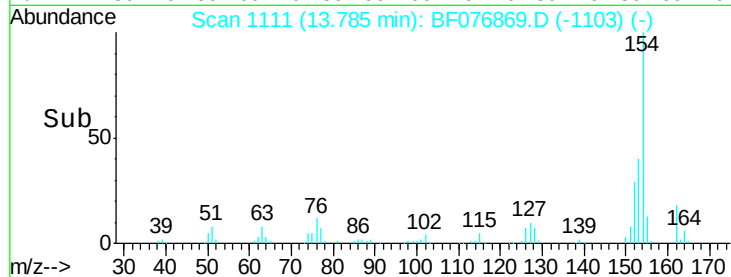
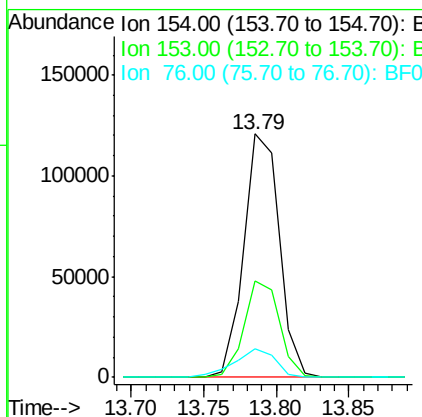
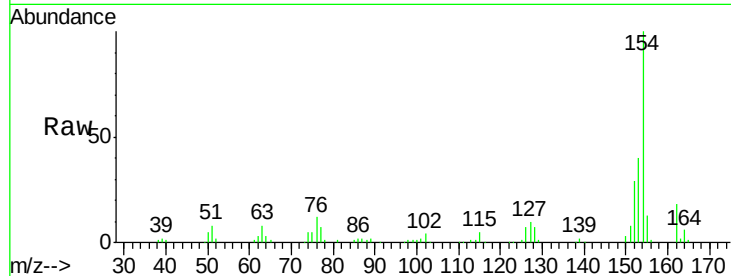




#45
 1,1'-Biphenyl
 Concen: 36.68 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

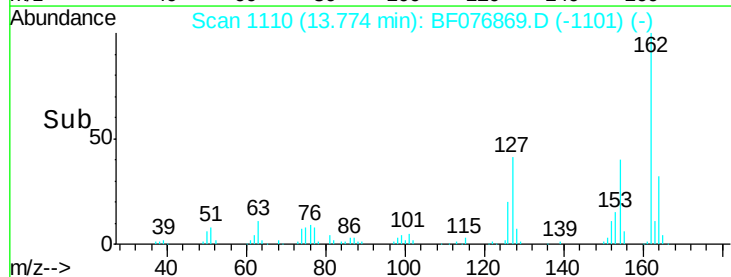
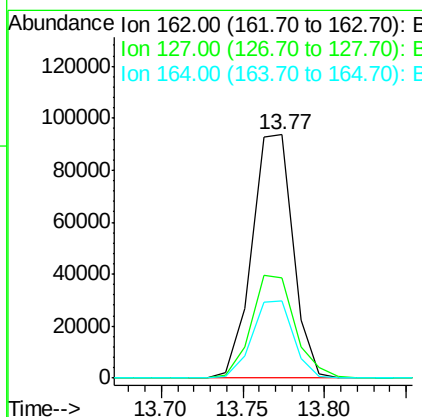
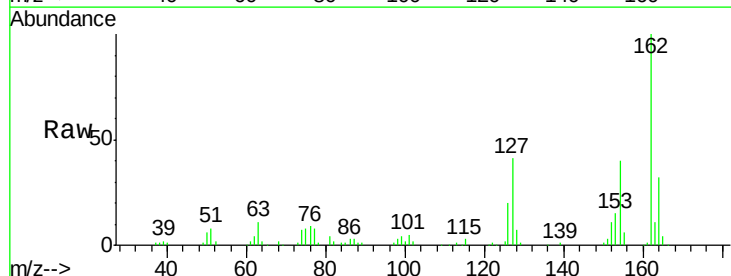
Instrument :
 BNA_F
 ClientSampleId :

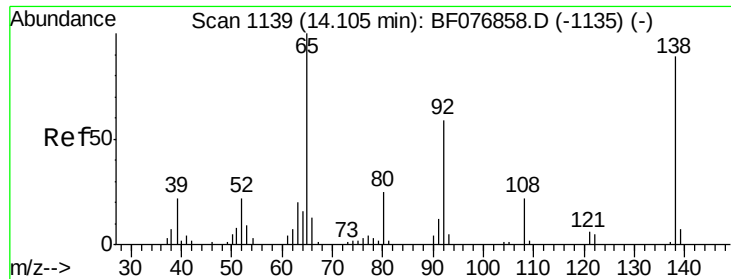
Tot Ion:154 Resp: 205052
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.2 60.2
 76 11.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 35.68 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:162 Resp: 164169
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.8 50.6
 164 31.9 26.8 40.2

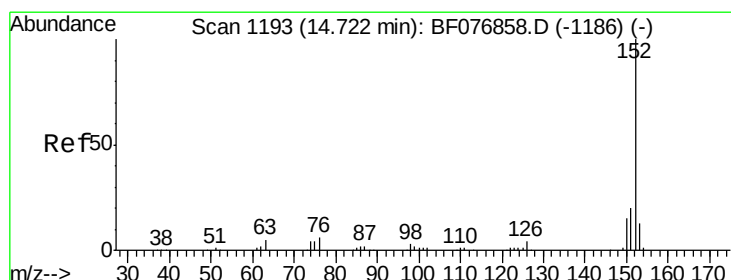
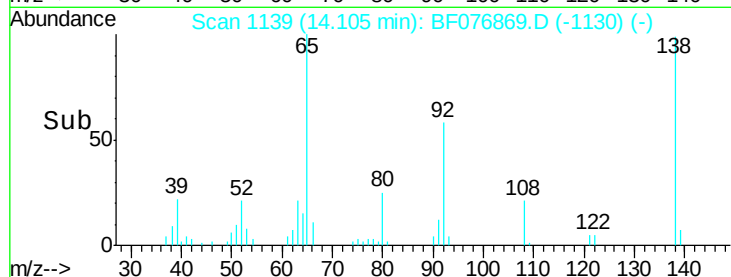
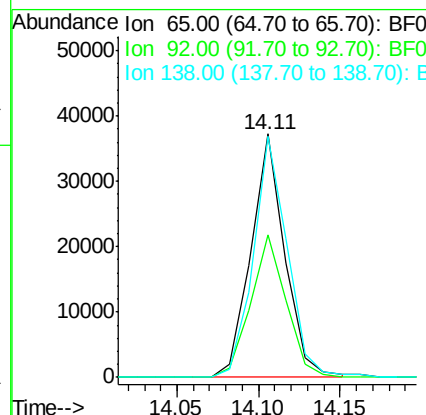
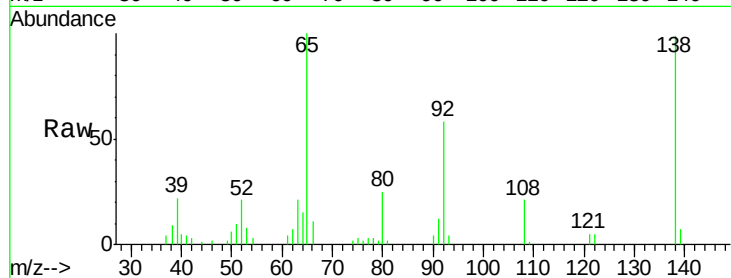




#47
2-Nitroaniline
Concen: 38.43 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

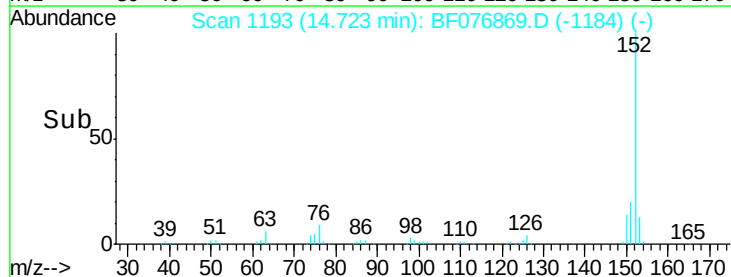
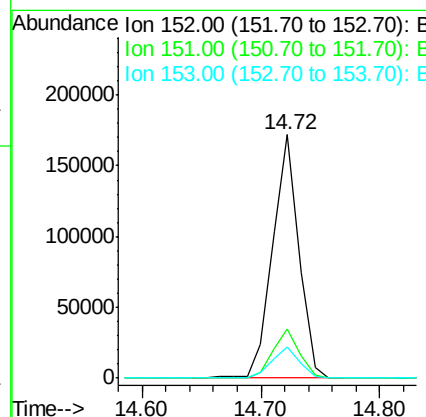
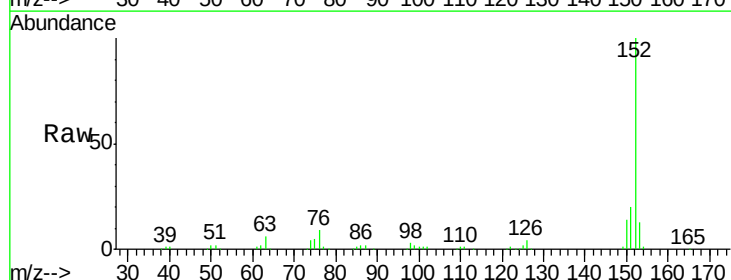
Instrument :
BNA_F
ClientSampled :

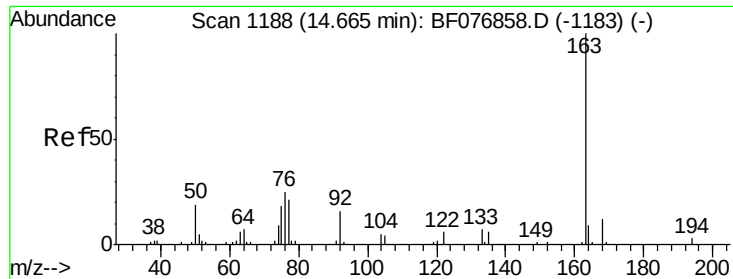
Tot Ion: 65 Resp: 53636
Ion Ratio Lower Upper
65 100
92 58.5 47.3 70.9
138 98.9 71.4 107.2



#48
Acenaphthylene
Concen: 34.12 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion: 152 Resp: 264776
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.0 10.2 15.4

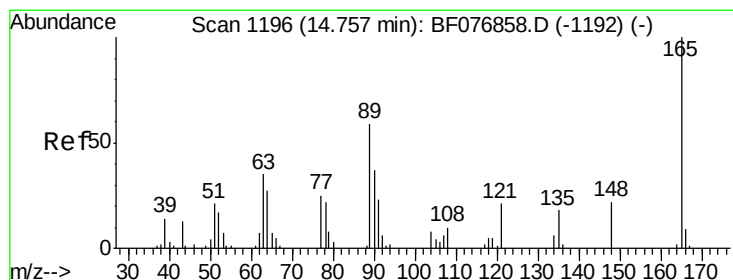
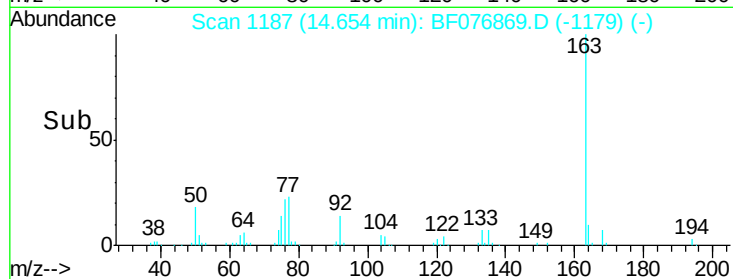
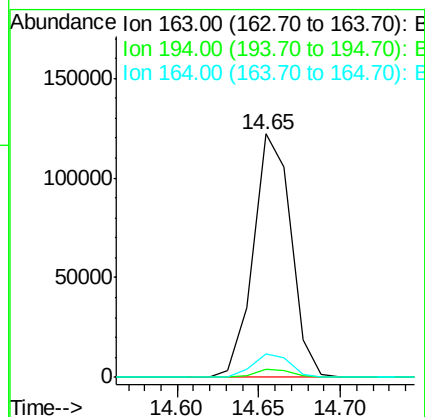
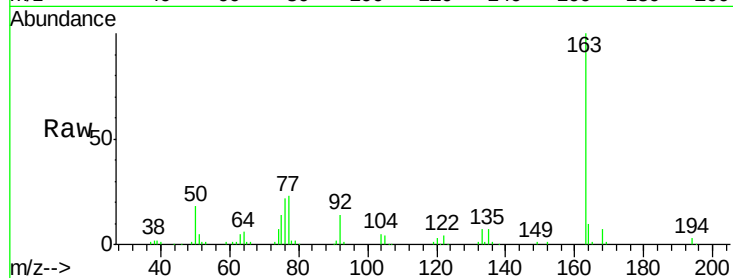




#49
Dimethylphthalate
Concen: 36.65 ng
RT: 14.65 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

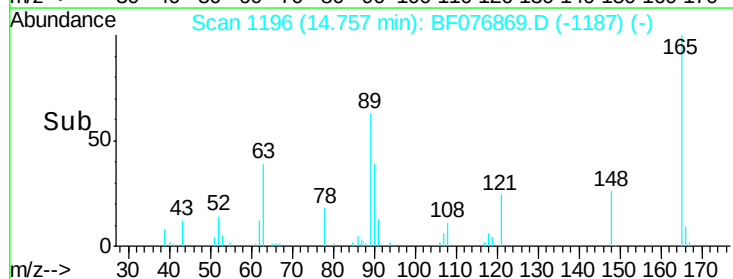
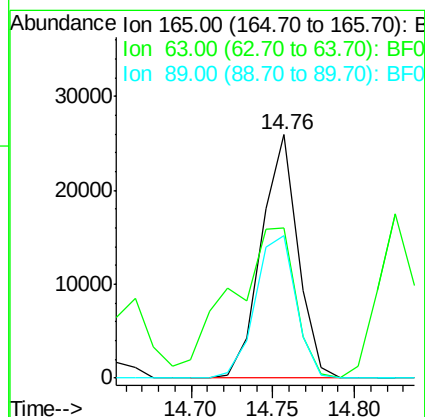
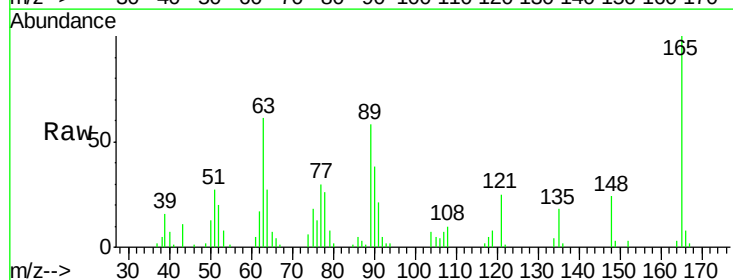
Instrument :
BNA_F
ClientSampleId :

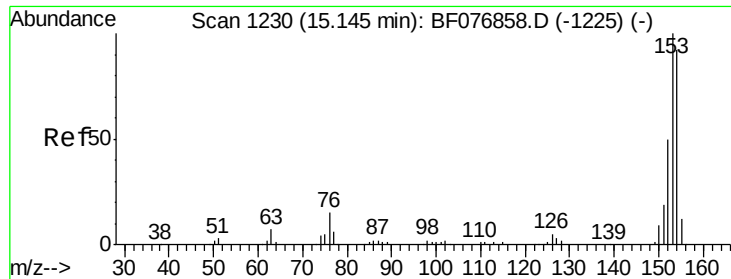
Tot Ion:163 Resp: 196042
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 37.97 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:165 Resp: 40572
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 58.5 47.2 70.8





#51

Acenaphthene

Concen: 33.95 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

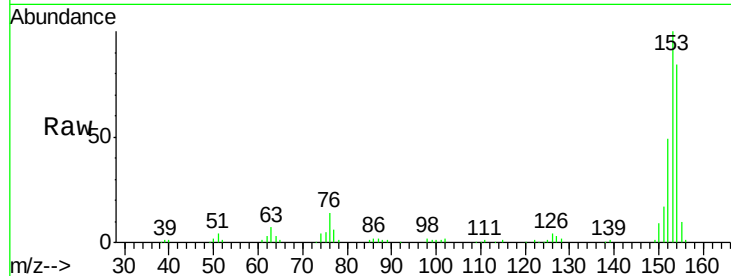
Tot Ion:154 Resp: 149476

Ion Ratio Lower Upper

154 100

153 118.8 87.0 130.6

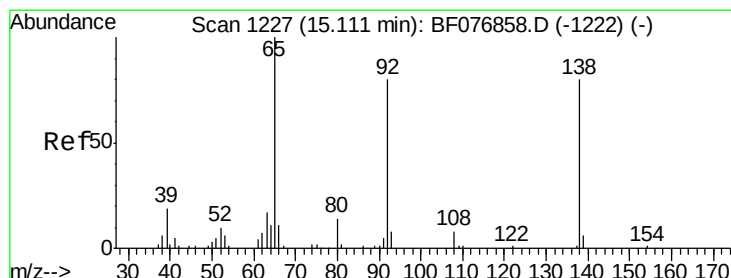
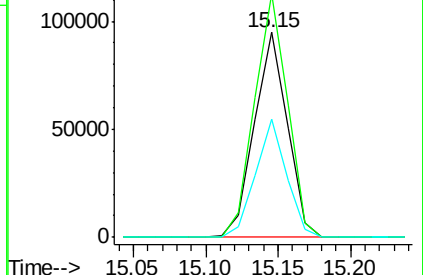
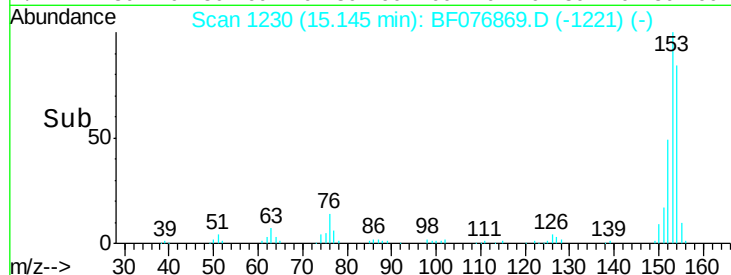
152 57.8 43.5 65.3



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: 21.31 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

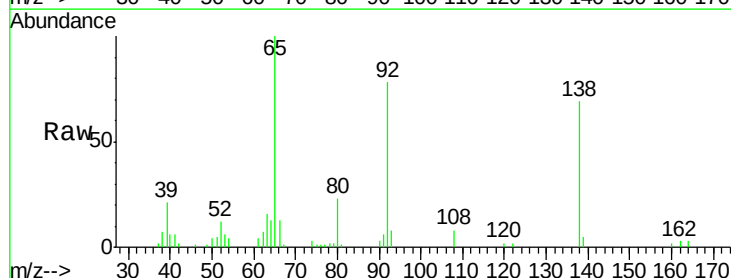
Tgt Ion:138 Resp: 29894

Ion Ratio Lower Upper

138 100

108 11.6 8.3 12.5

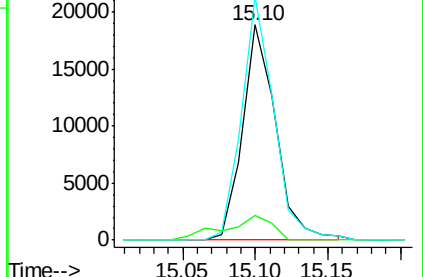
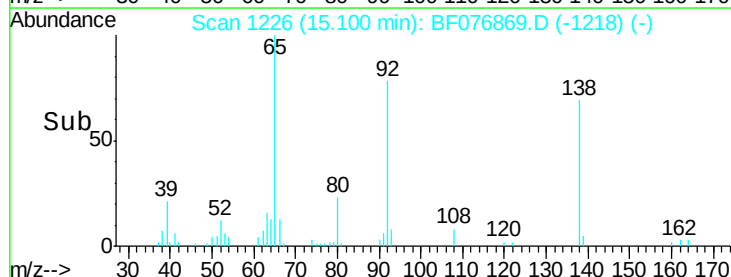
92 113.1 80.9 121.3

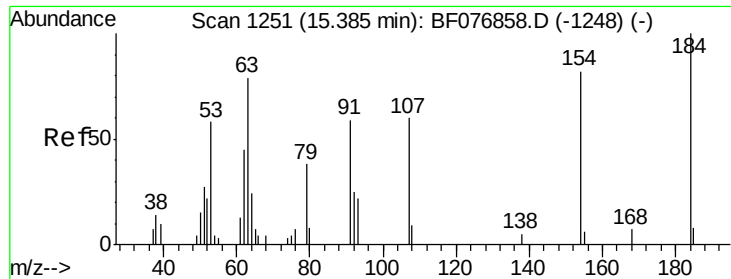


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

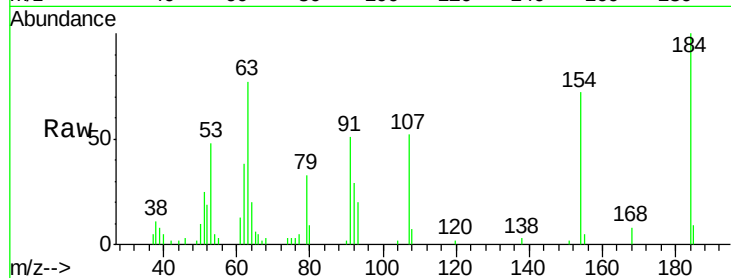




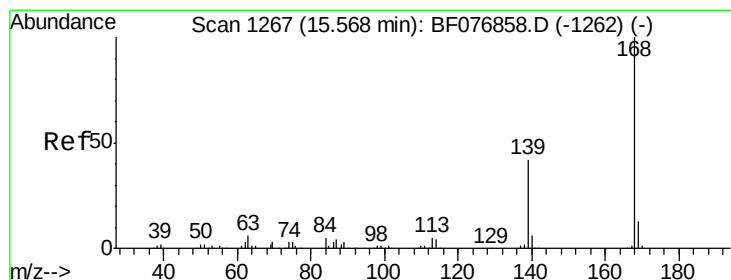
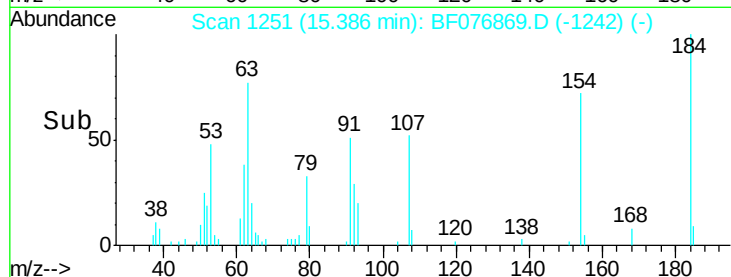
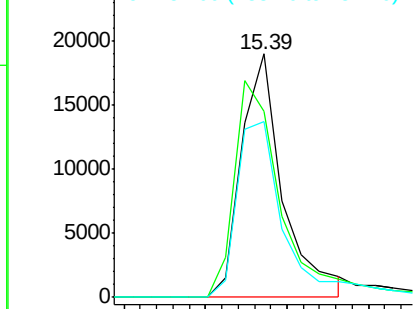
#53
2,4-Dinitrophenol
Concen: 71.67 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 33279
Ion Ratio Lower Upper
184 100
63 76.6 63.0 94.6
154 72.4 65.5 98.3

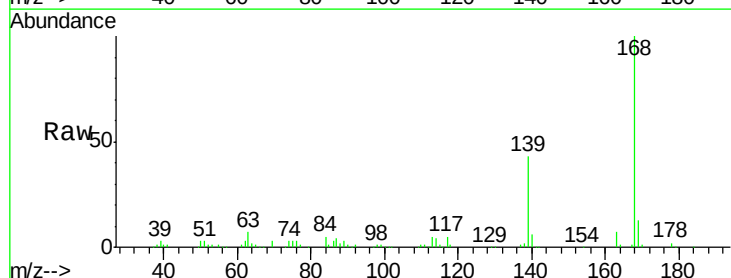


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

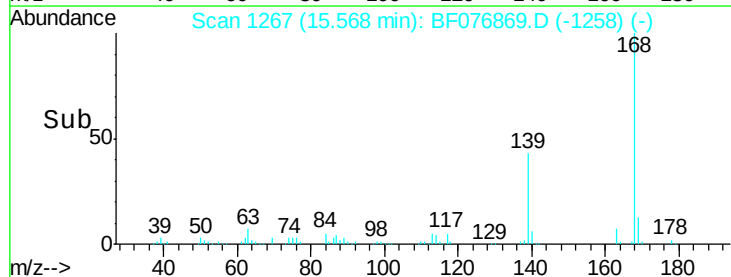
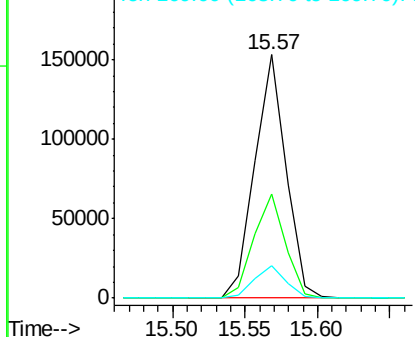


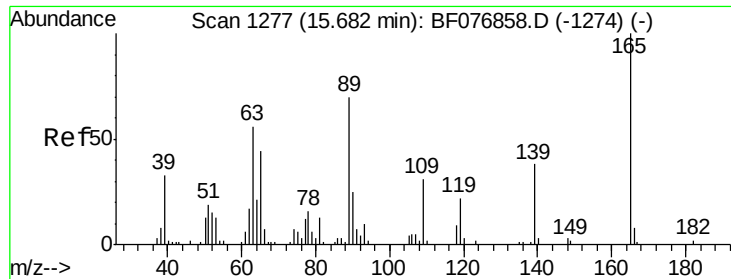
#54
Dibenzofuran
Concen: 35.73 ng
RT: 15.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:168 Resp: 229182
Ion Ratio Lower Upper
168 100
139 42.6 33.4 50.2
169 13.5 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

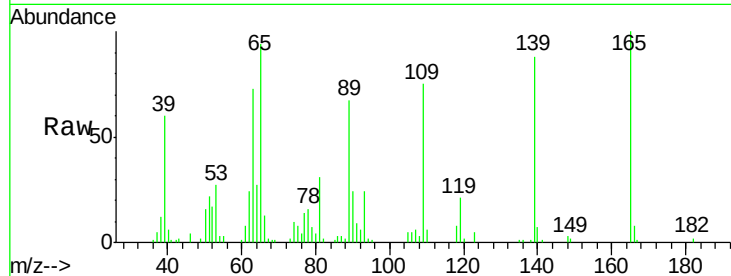




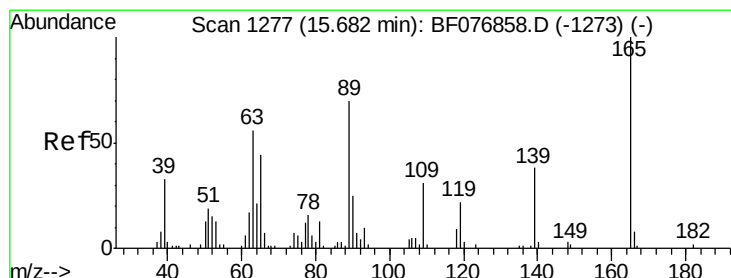
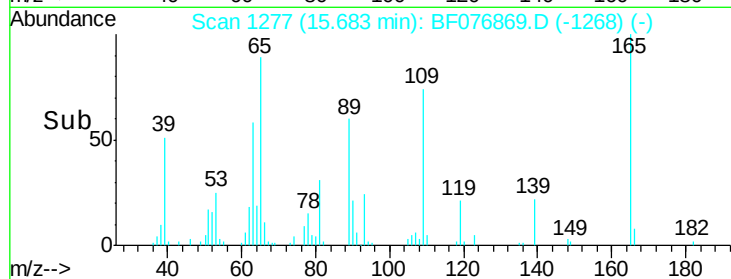
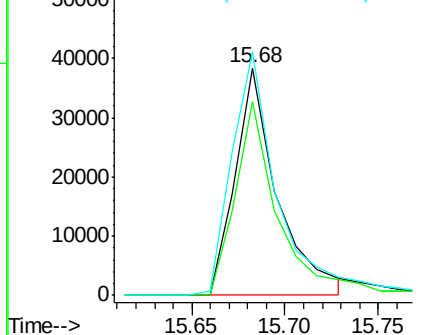
#55
4-Nitrophenol
Concen: 72.39 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 60691
Ion Ratio Lower Upper
139 100
109 85.2 61.0 101.0
65 107.0 96.6 136.6

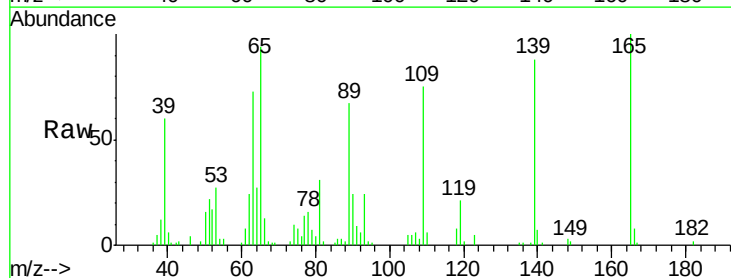


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

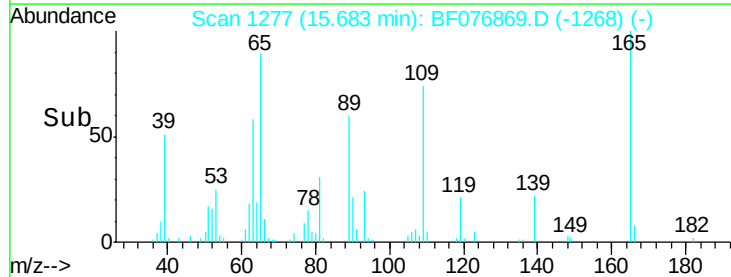
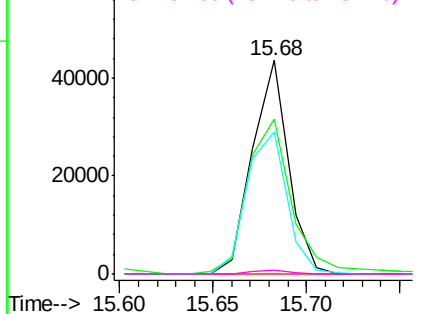


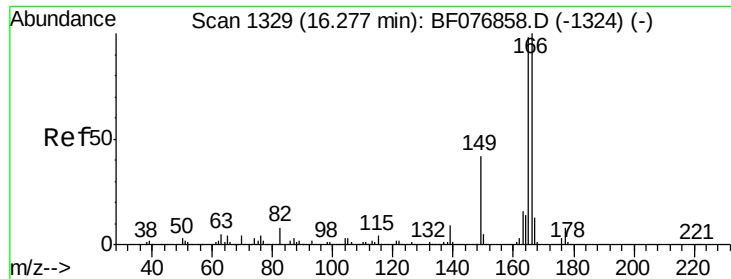
#56
2,4-Dinitrotoluene
Concen: 36.41 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:165 Resp: 58685
Ion Ratio Lower Upper
165 100
63 72.7 44.8 67.2#
89 66.7 56.2 84.2
182 1.6 1.5 2.3



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

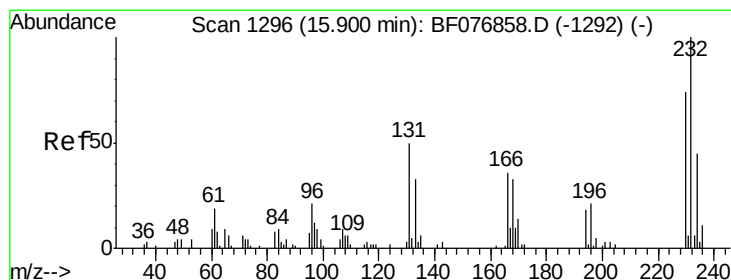
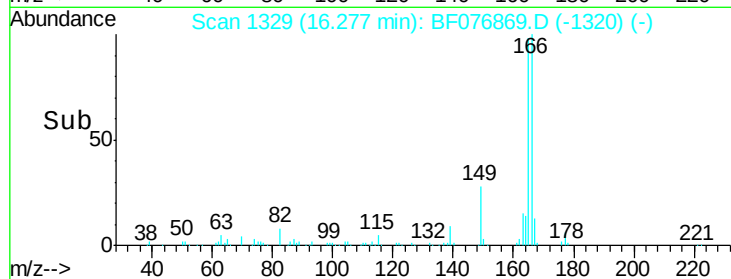
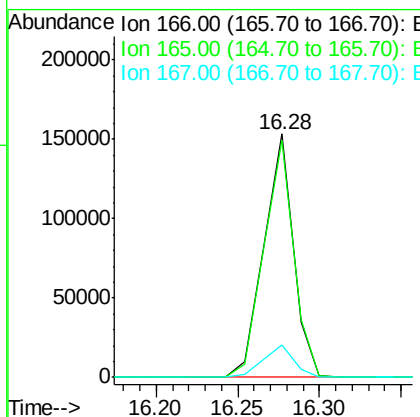
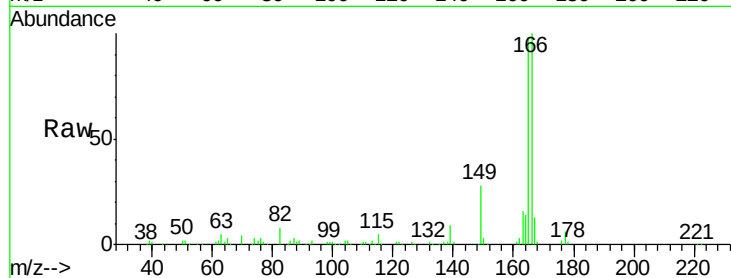




#57
 Fluorene
 Concen: 35.78 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

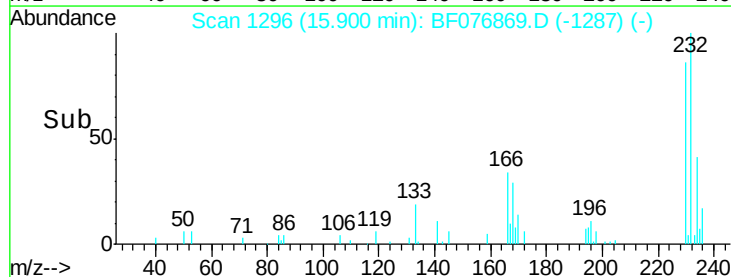
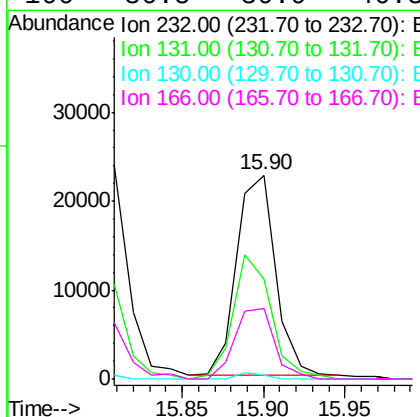
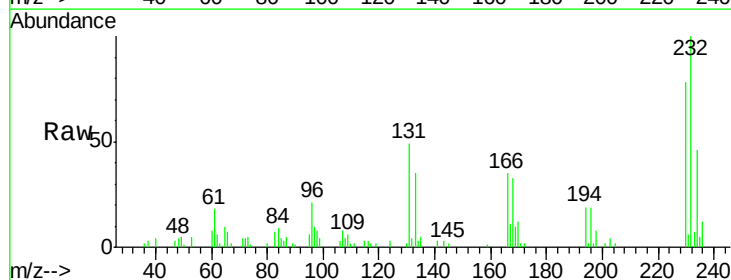
Instrument :
 BNA_F
 ClientSampleId :

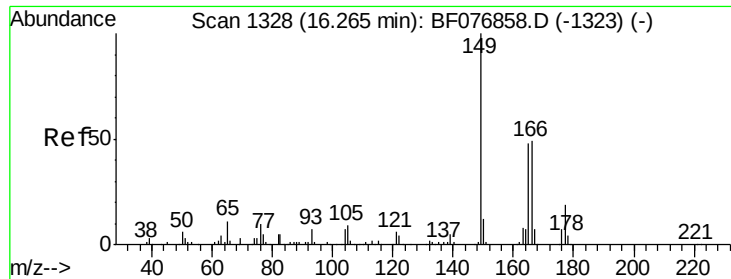
Tot Ion:166 Resp: 194416
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.5 117.7
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.47 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:232 Resp: 36796
 Ion Ratio Lower Upper
 232 100
 131 61.4 45.0 67.6
 130 2.0 2.6 3.8#
 166 36.5 30.9 46.3





#59

Diethylphthalate

Concen: 38.95 ng

RT: 16.27 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampled :

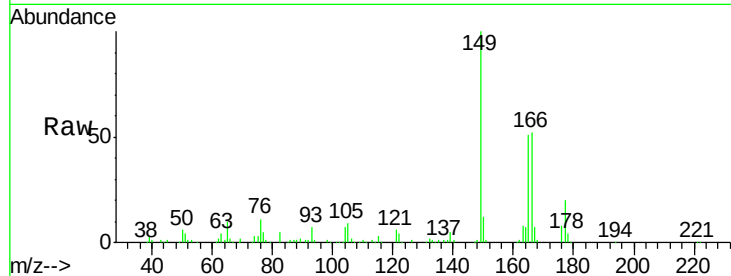
Tot Ion:149 Resp: 210547

Ion Ratio Lower Upper

149 100

177 20.4 15.0 22.6

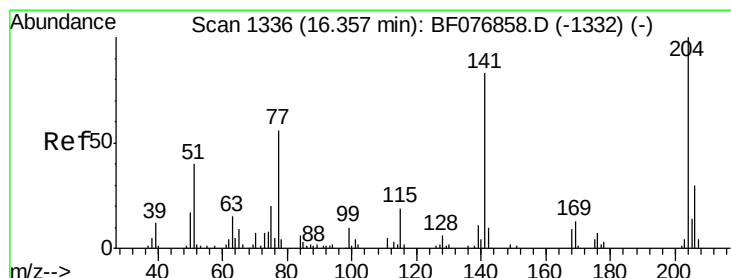
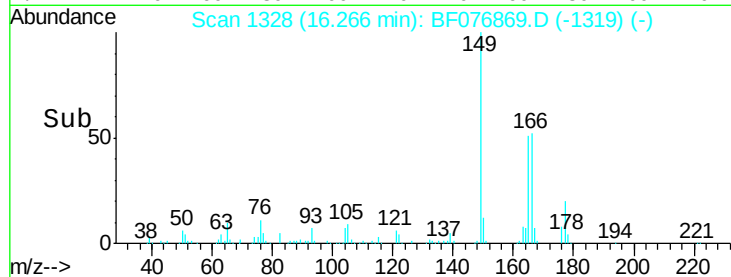
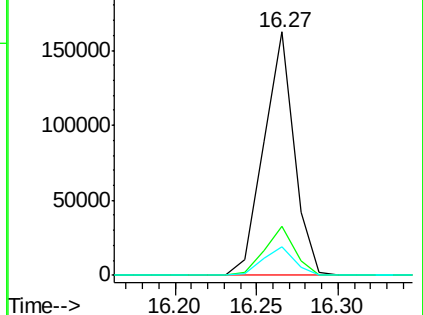
150 11.5 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.89 ng

RT: 16.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

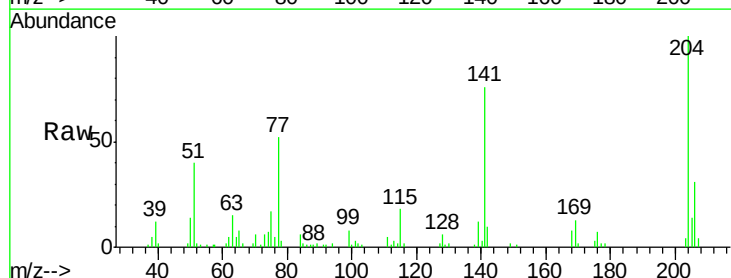
Tgt Ion:204 Resp: 84240

Ion Ratio Lower Upper

204 100

206 30.6 24.2 36.2

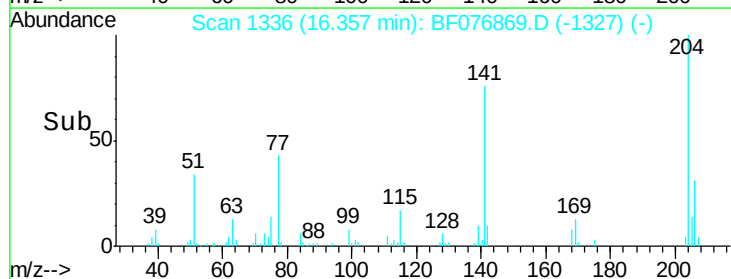
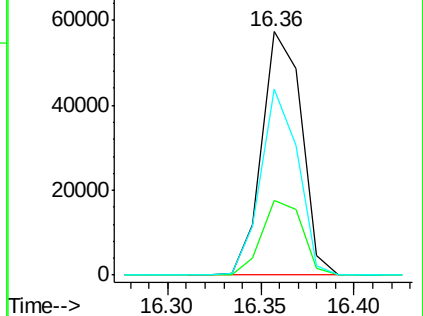
141 76.4 66.7 100.1

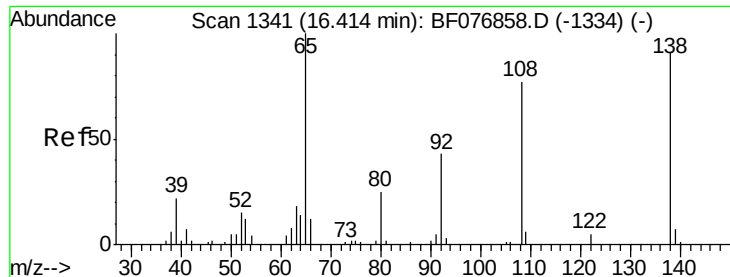


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

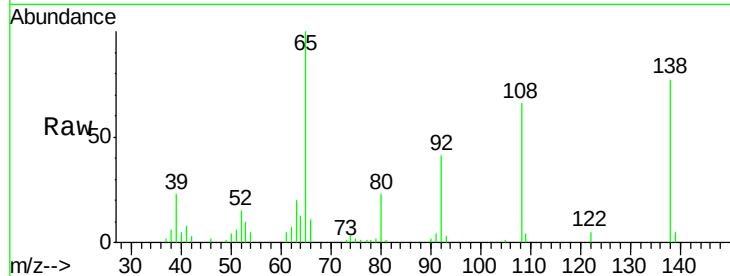




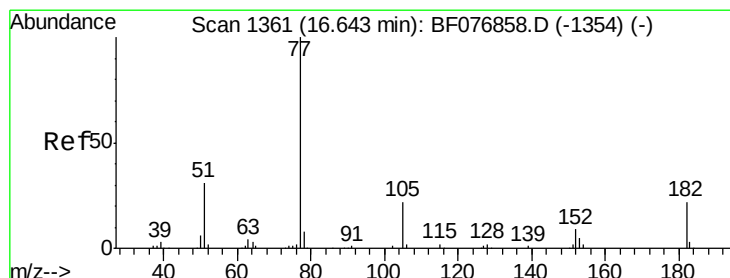
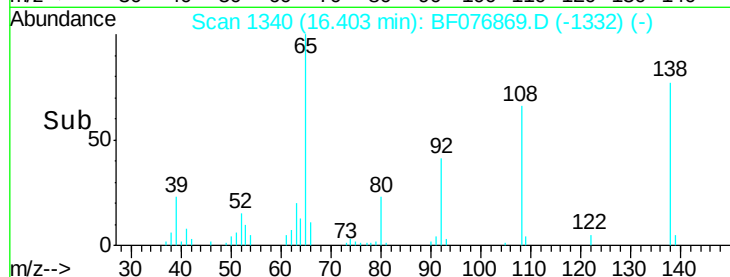
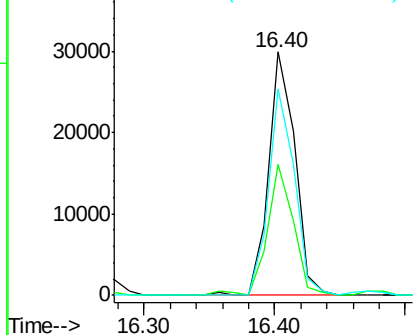
#61
4-Nitroaniline
Concen: 31.40 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 42471
Ion Ratio Lower Upper
138 100
92 53.6 26.7 66.7
108 85.1 64.5 104.5

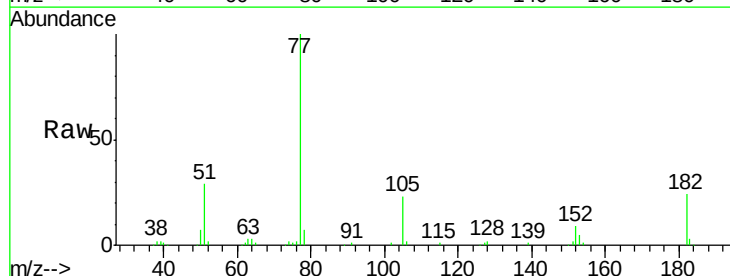


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

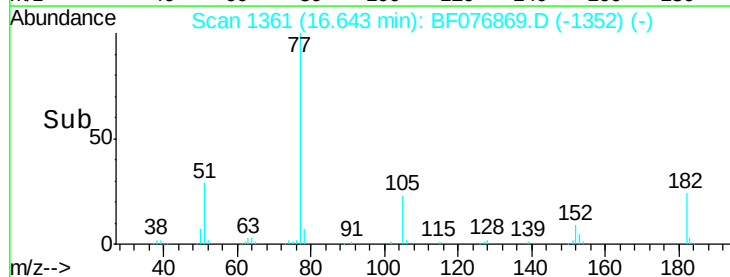
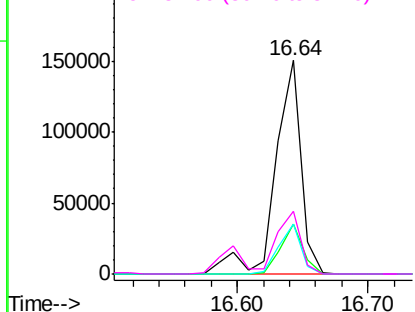


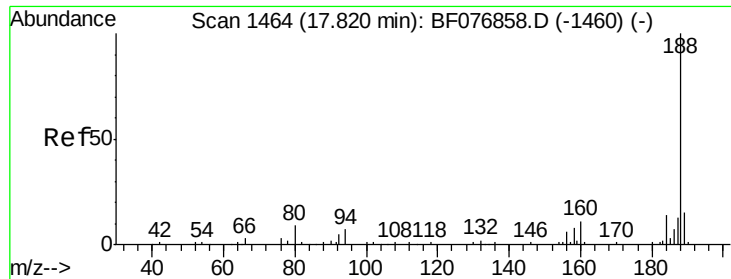
#62
Azobenzene
Concen: 36.96 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion: 77 Resp: 208150
Ion Ratio Lower Upper
77 100
182 23.5 2.0 42.0
105 23.2 2.3 42.3
51 29.1 10.7 50.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

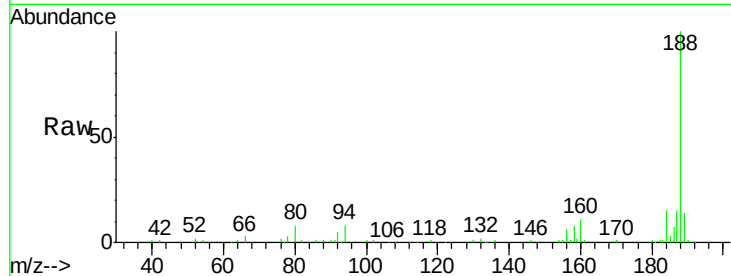




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampled :

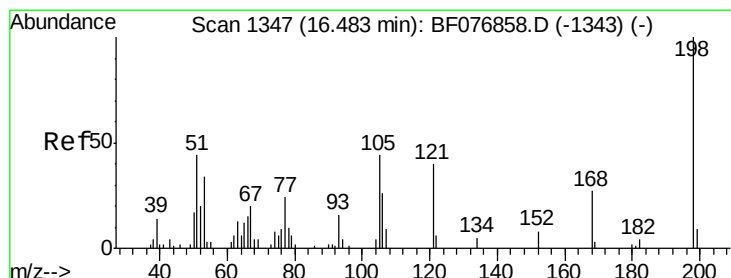
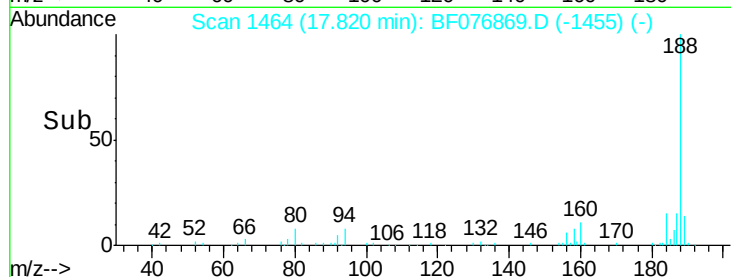
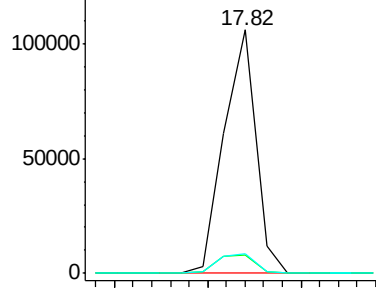
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.2	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): E

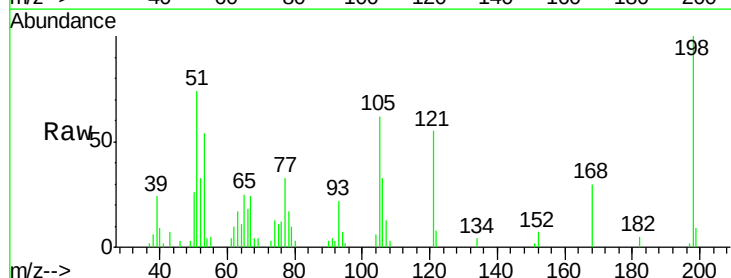
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.65 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

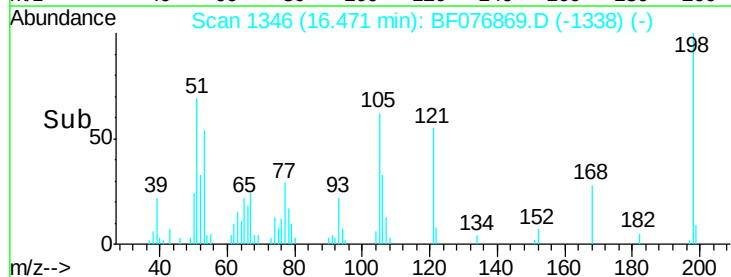
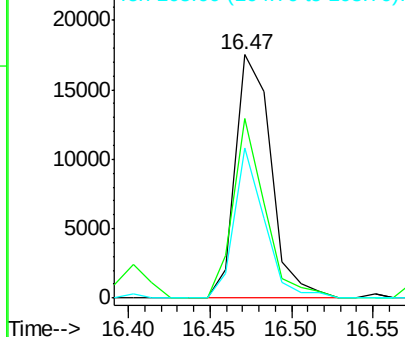
Tgt Ion	Ratio	Lower	Upper
198	100		
51	73.6	24.2	64.2#
105	61.6	24.0	64.0

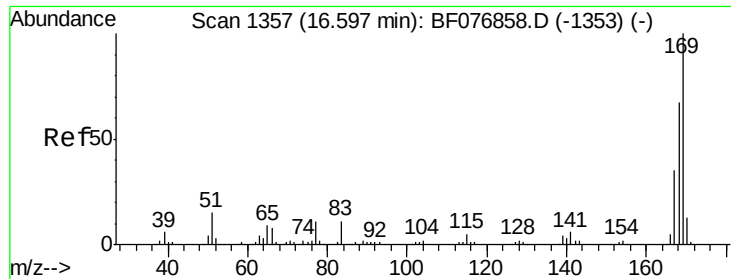


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

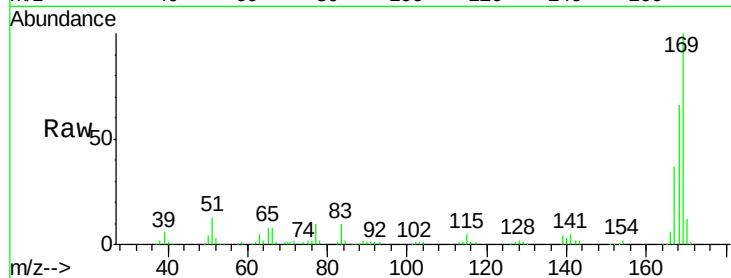




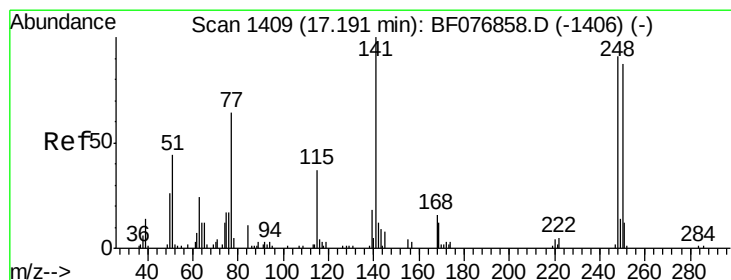
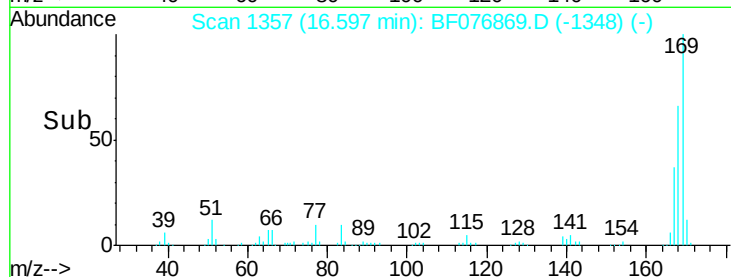
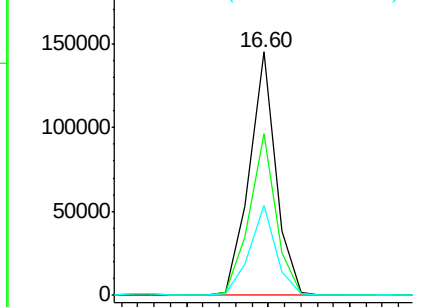
#65
 n-Nitrosodiphenylamine
 Concen: 36.91 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.6
167	36.9	27.8	41.6

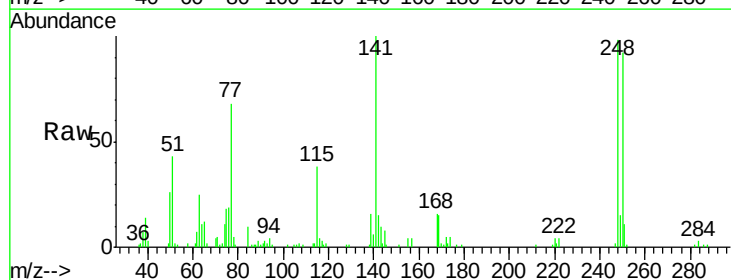


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

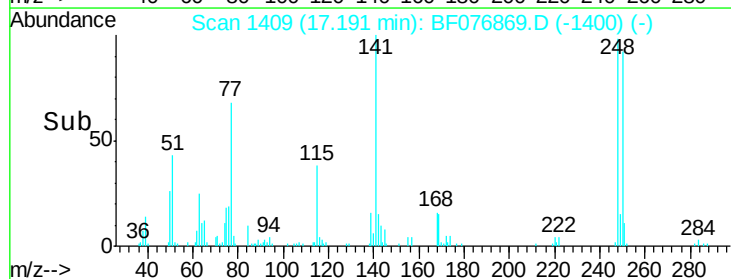
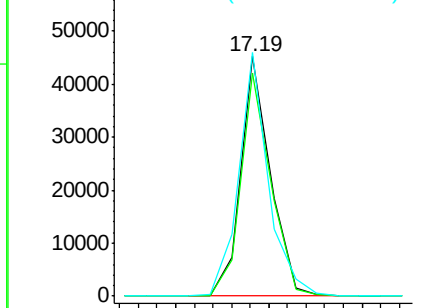


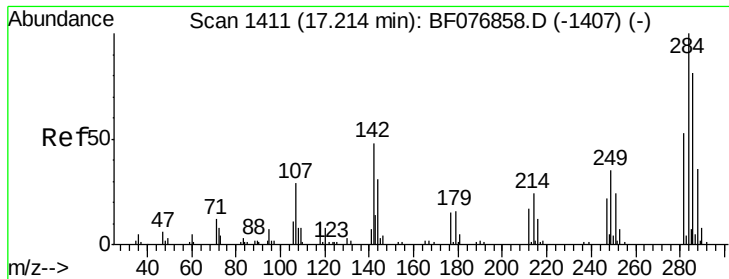
#66
 4-Bromophenyl-phenylether
 Concen: 39.37 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.1	115.7
141	101.8	88.2	132.4



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

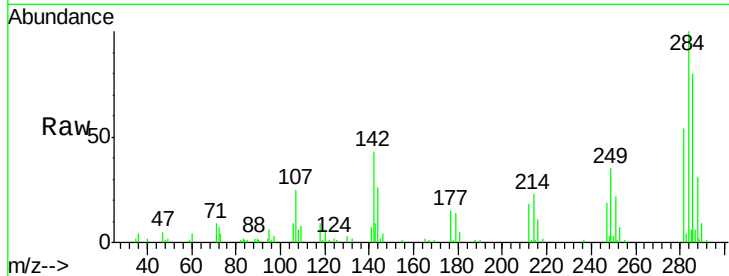




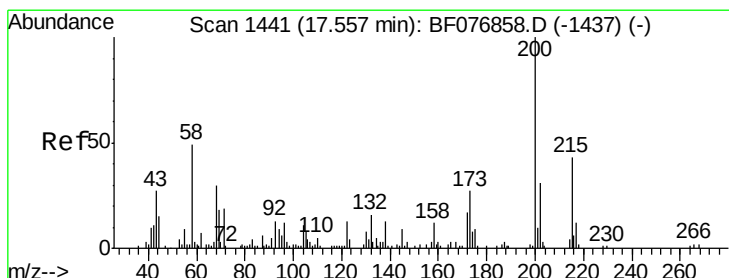
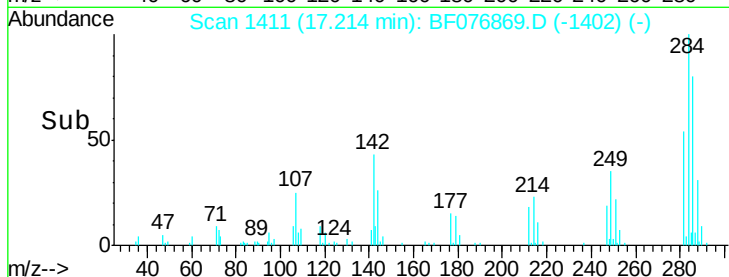
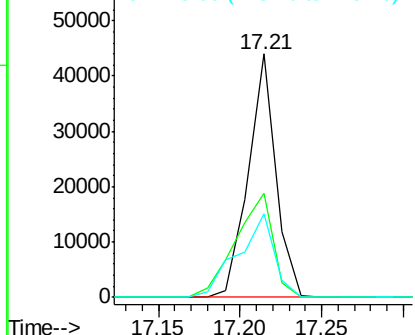
#67
Hexachlorobenzene
Concen: 38.53 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 51472
Ion Ratio Lower Upper
284 100
142 42.9 38.2 57.4
249 34.5 28.2 42.2

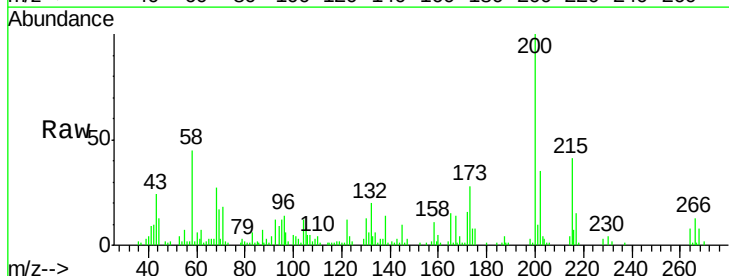


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

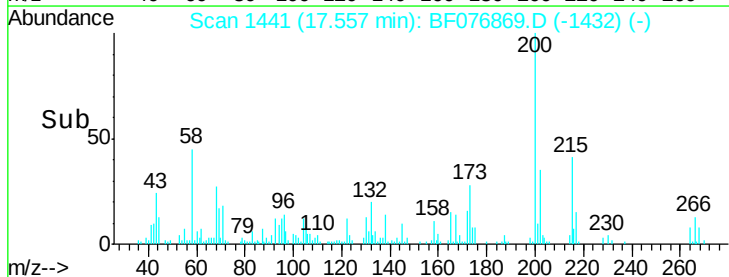
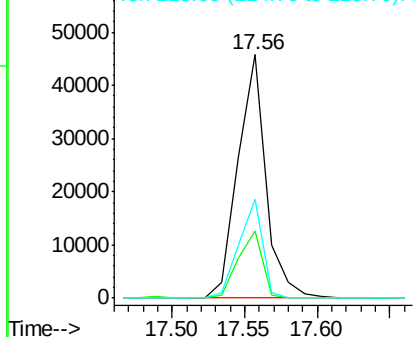


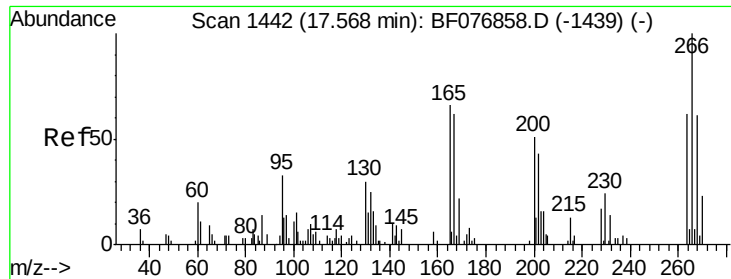
#68
Atrazine
Concen: 45.29 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:200 Resp: 61320
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 40.6 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

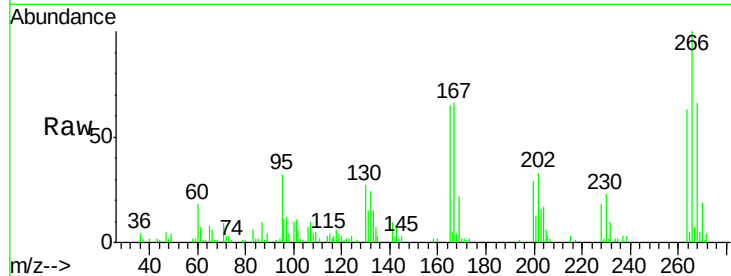




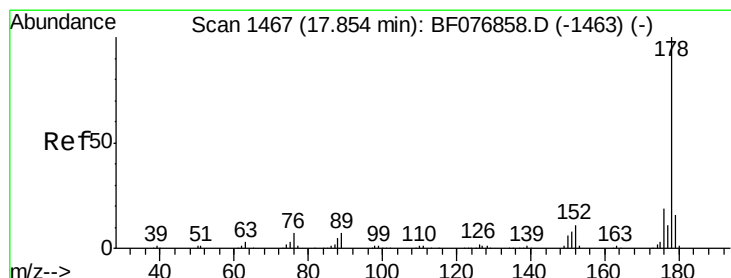
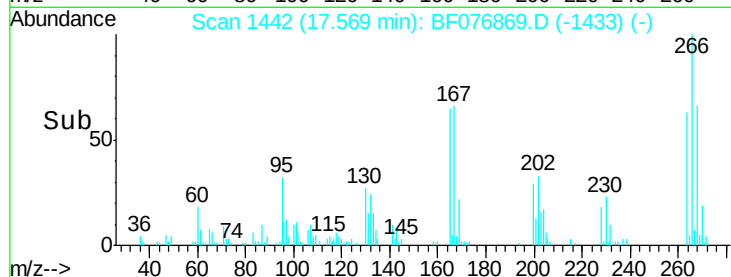
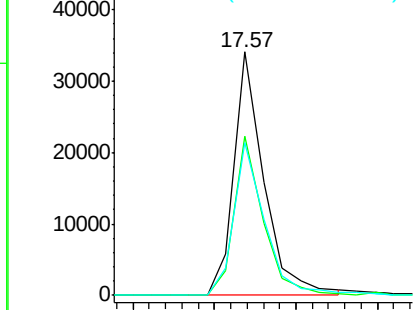
#69
 Pentachlorophenol
 Concen: 73.69 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 43319
 Ion Ratio Lower Upper
 266 100
 268 65.5 48.6 72.8
 264 62.6 49.5 74.3

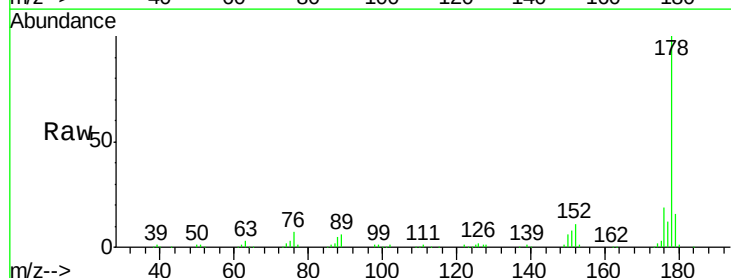


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

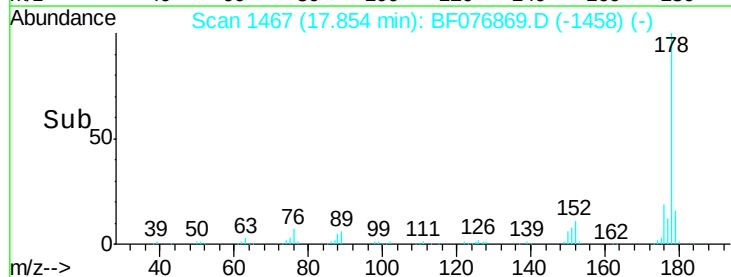
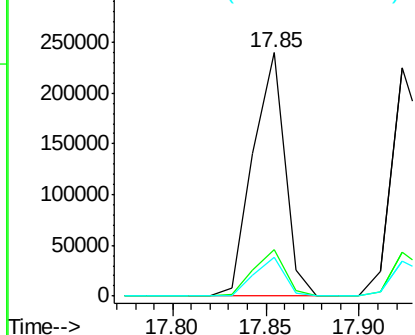


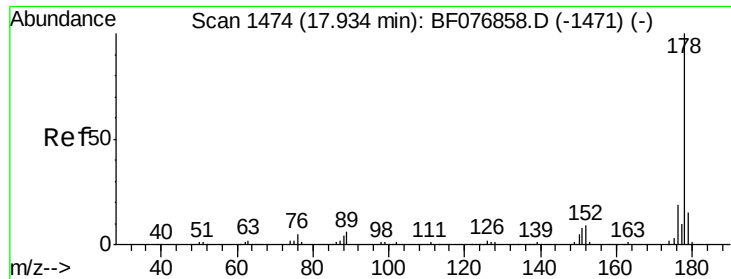
#70
 Phenanthrene
 Concen: 36.41 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:178 Resp: 284080
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 15.8 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

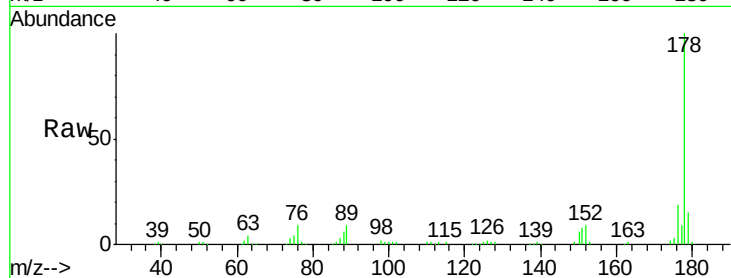




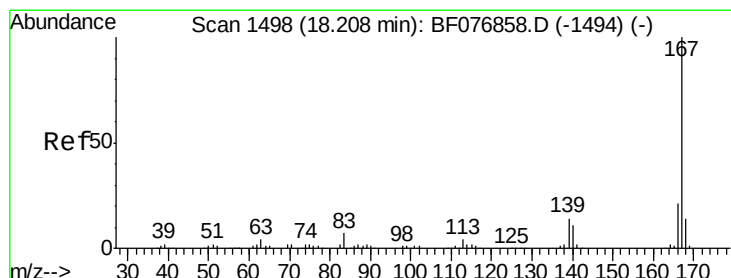
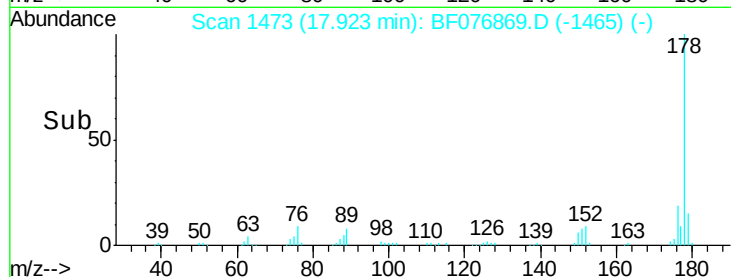
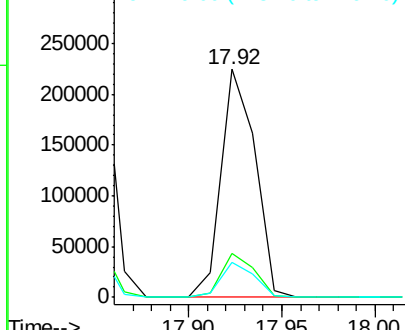
#71
 Anthracene
 Concen: 37.76 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 287358
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.3 11.9 17.9

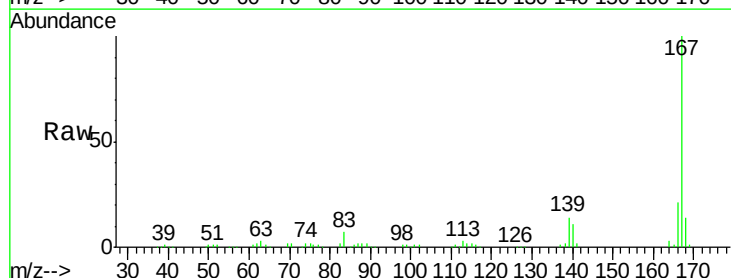


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

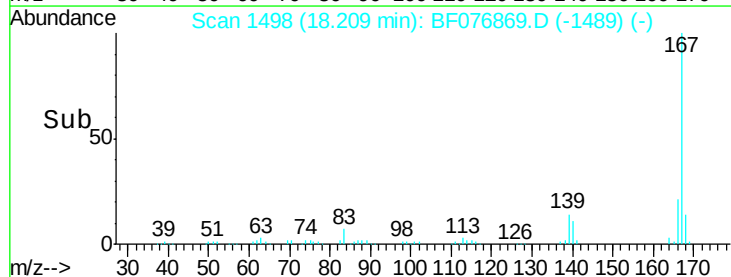
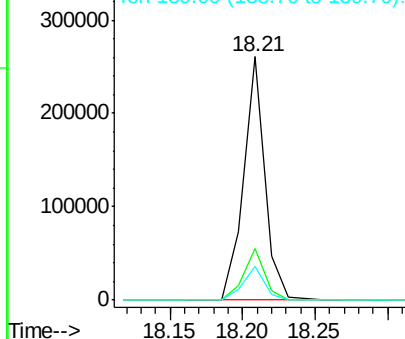


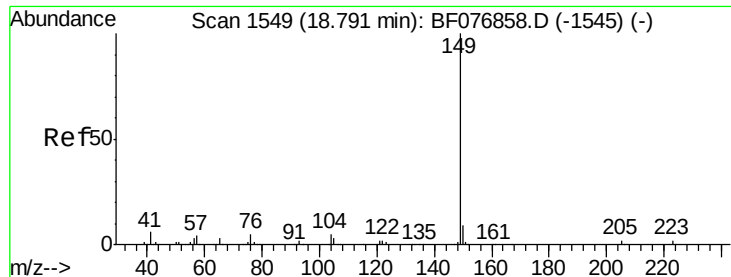
#72
 Carbazole
 Concen: 35.91 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:167 Resp: 265030
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.6 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: 39.97 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

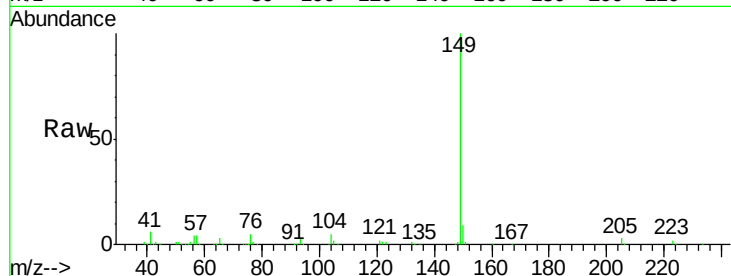
Tot Ion:149 Resp: 341442

Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

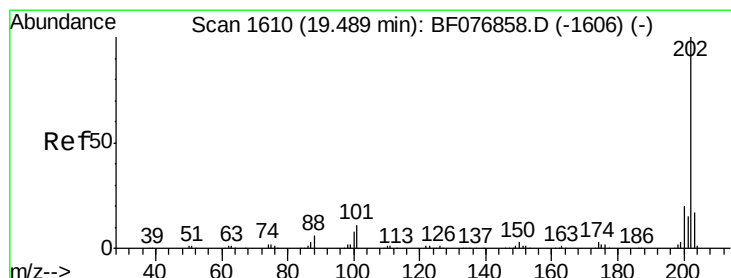
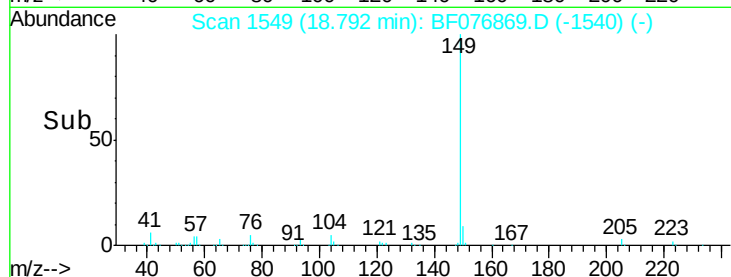
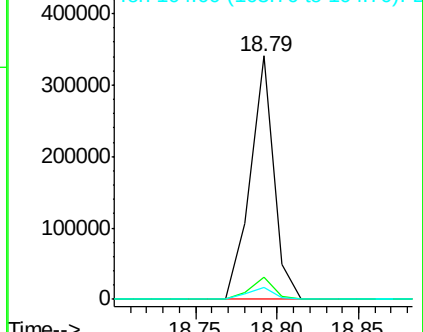
104 5.0 3.7 5.5



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: 36.37 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

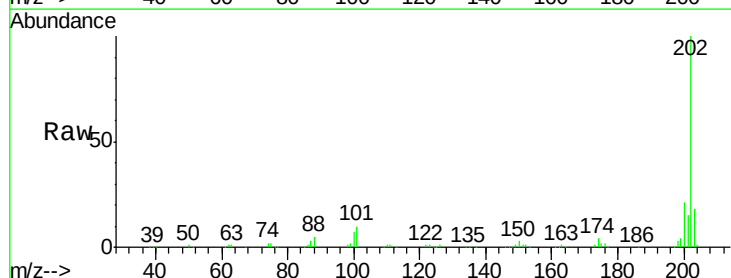
Tgt Ion:202 Resp: 290835

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.7

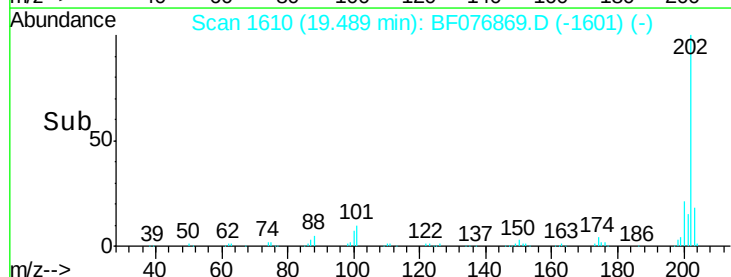
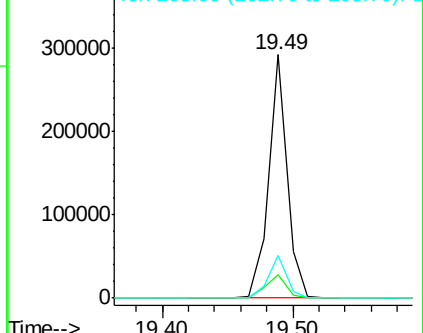
203 17.5 0.0 36.9

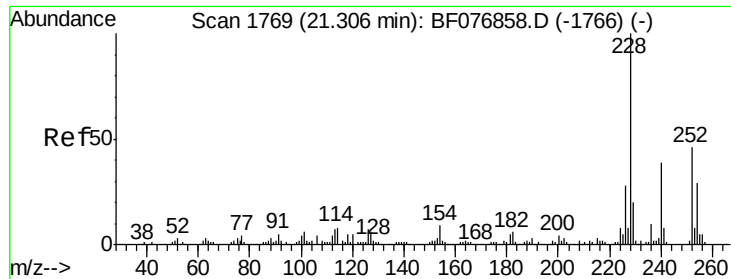


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

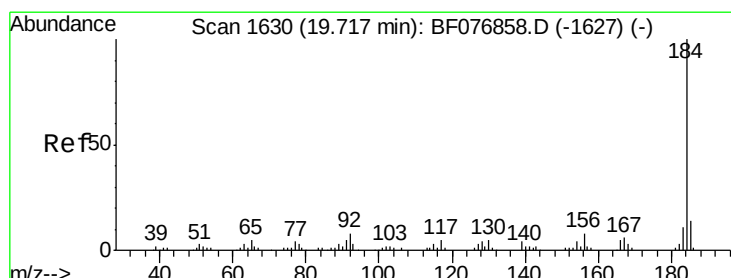
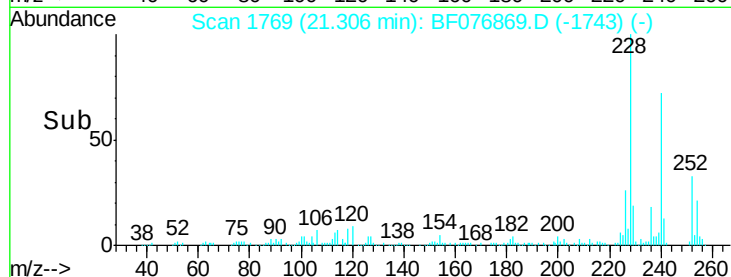
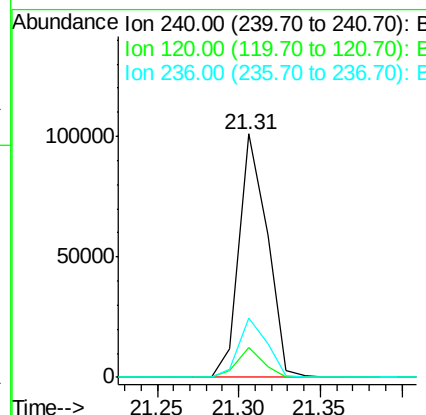
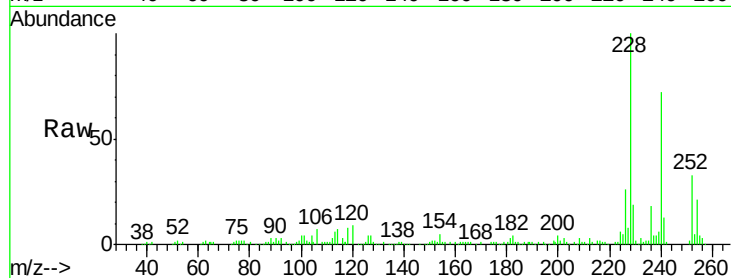




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

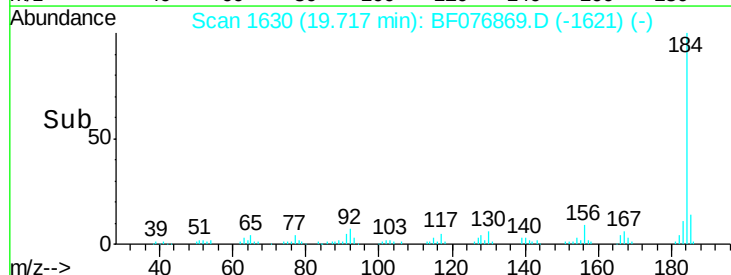
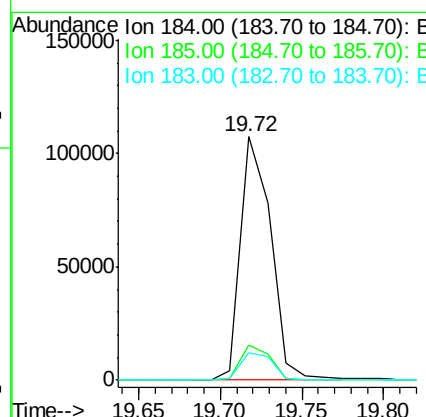
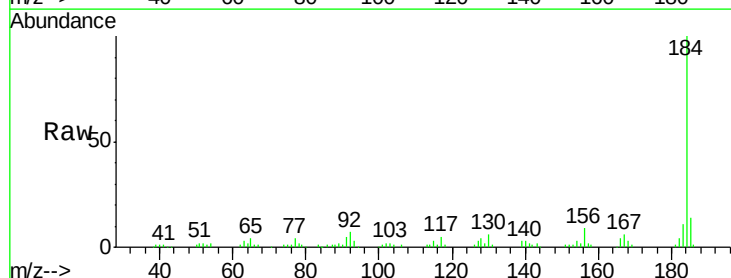
Instrument :
BNA_F
ClientSampleId :

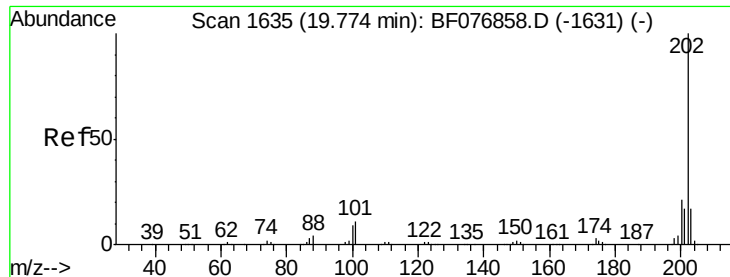
Tot Ion:240 Resp: 120413
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 24.5 20.2 30.2



#76
Benzidine
Concen: 35.89 ng
RT: 19.72 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:184 Resp: 138297
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.0 9.0 13.6

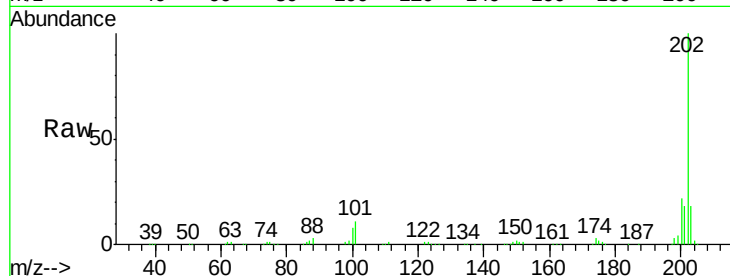




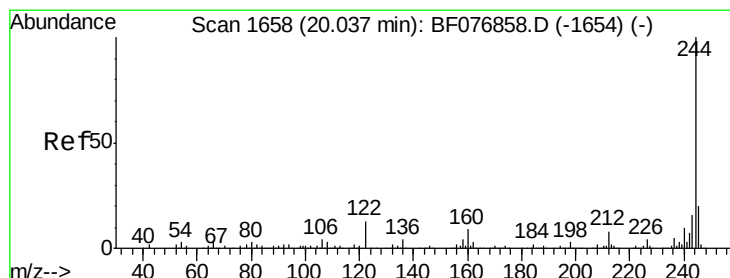
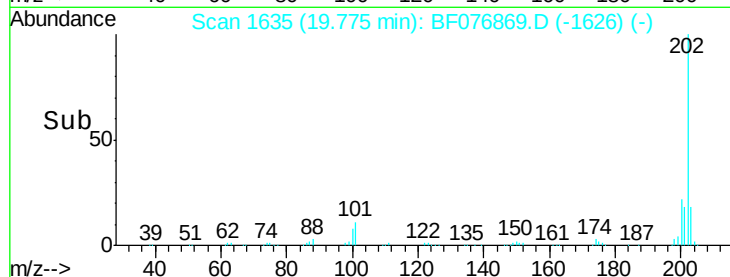
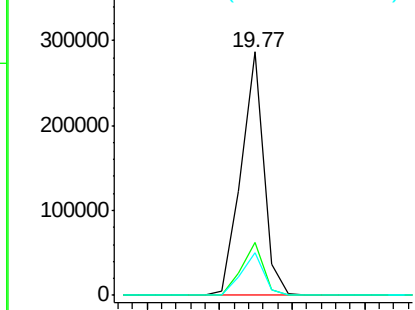
#77
 Pvrene
 Concen: 37.61 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 310410
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.7 25.1
 203 17.5 14.0 21.0

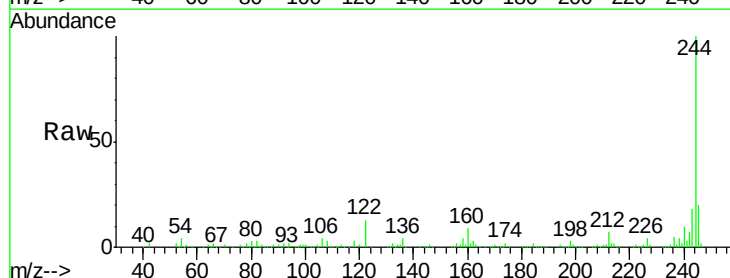


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

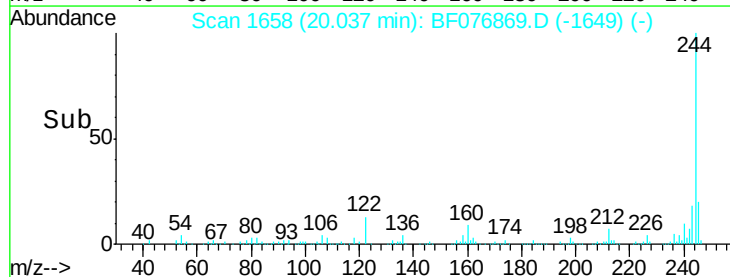
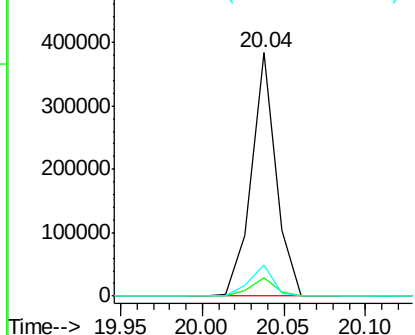


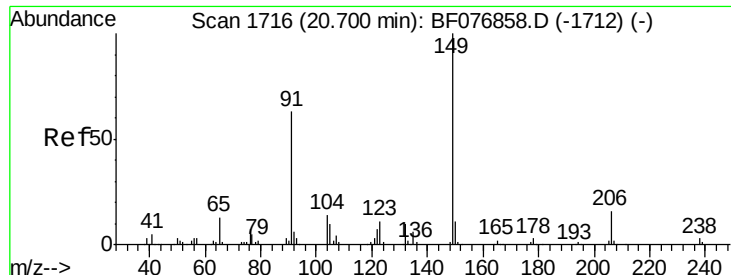
#78
 Terphenyl-d14
 Concen: 76.92 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:244 Resp: 402303
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.6 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: 40.63 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

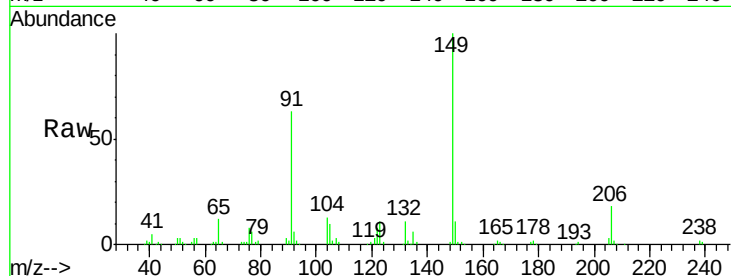
Tot Ion:149 Resp: 151859

Ion Ratio Lower Upper

149 100

91 63.4 50.6 76.0

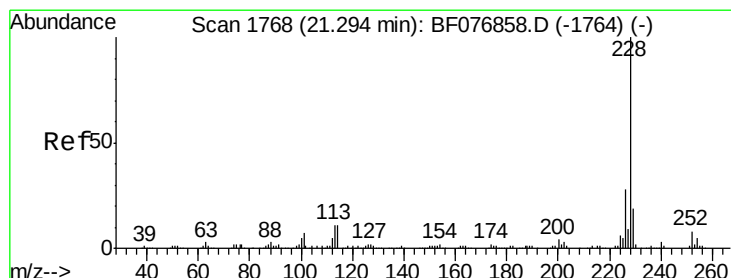
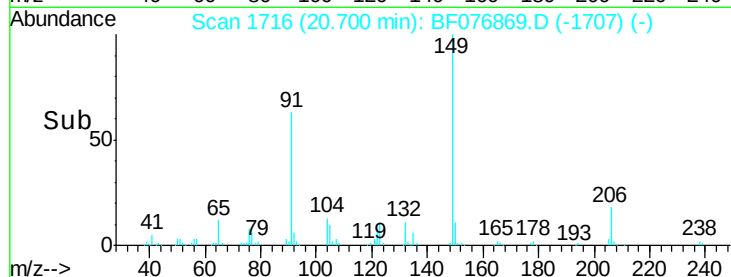
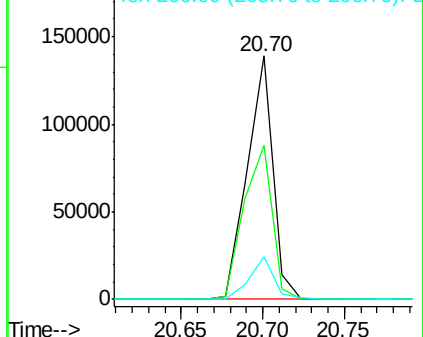
206 17.6 12.8 19.2



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: 36.72 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

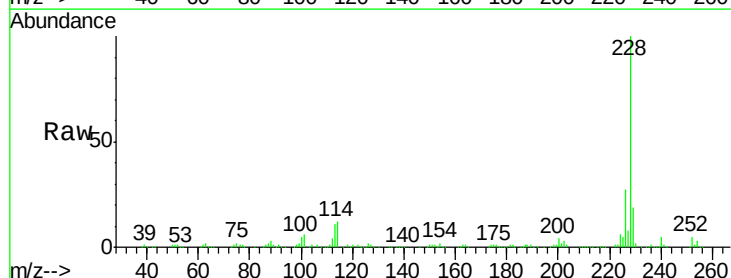
Tgt Ion:228 Resp: 277398

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

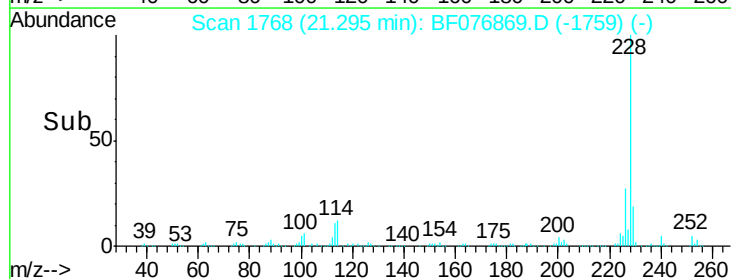
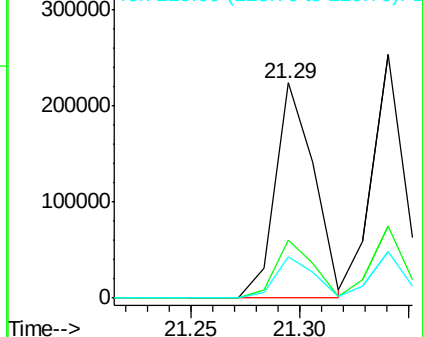
229 19.1 15.5 23.3

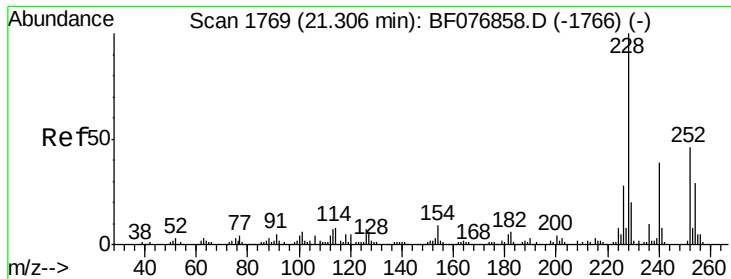


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

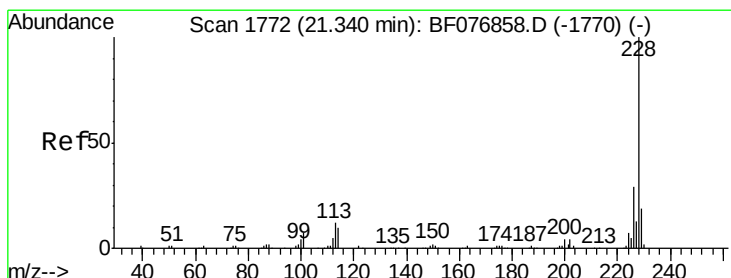
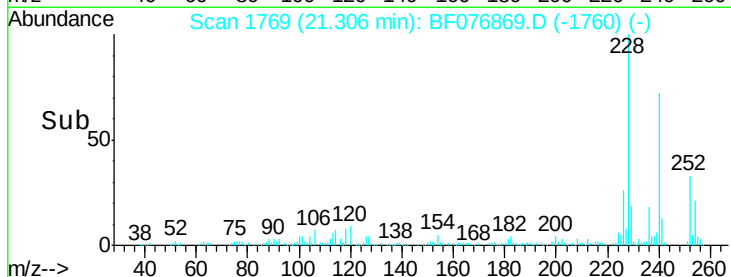
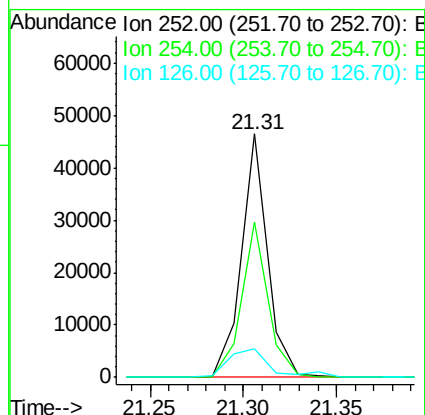
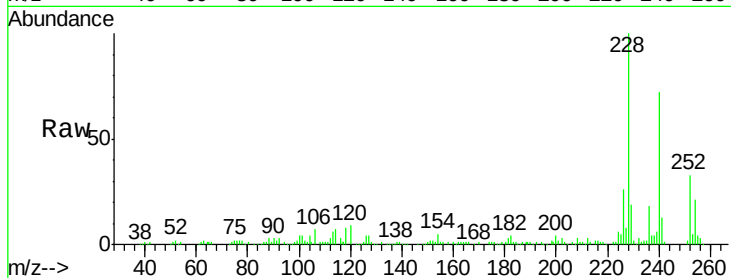




#81
 3,3'-Dichlorobenzidine
 Concen: 18.97 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

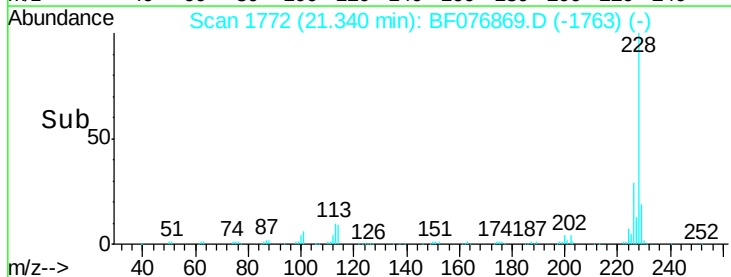
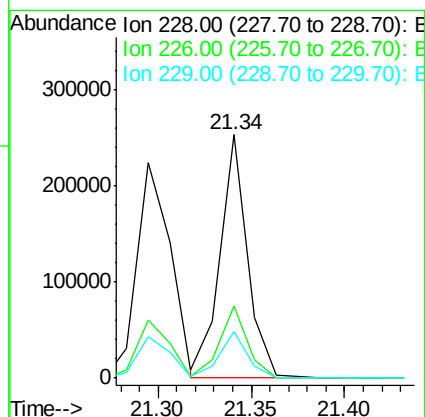
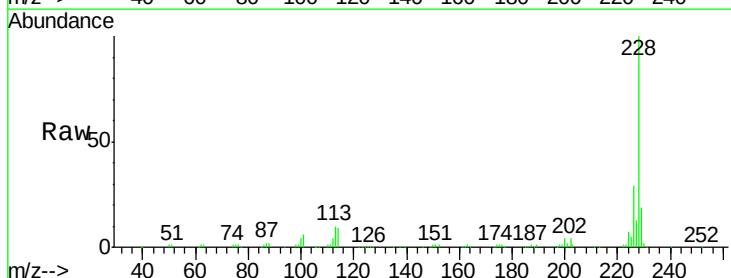
Instrument :
 BNA_F
 ClientSampleId :

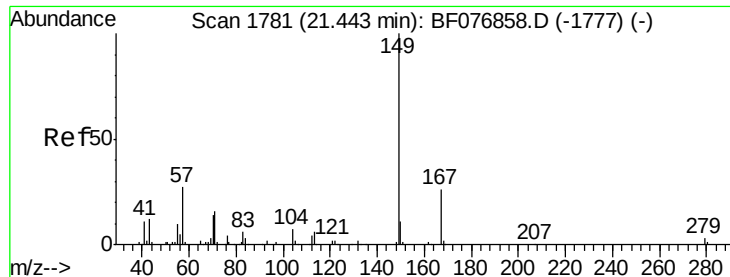
Tot Ion:252 Resp: 45555
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.2 75.4
 126 11.7 11.5 17.3



#82
 Chrysene
 Concen: 37.72 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Tgt Ion:228 Resp: 259890
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.43 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

Instrument :

BNA_F

ClientSampleId :

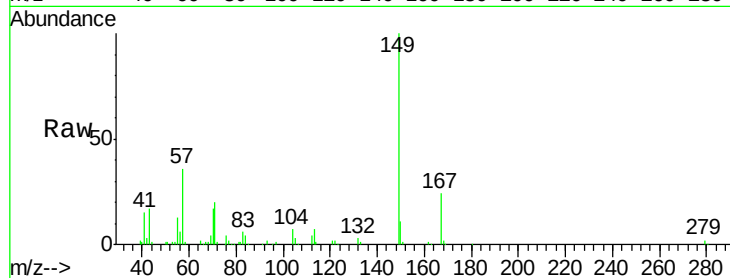
Tot Ion:149 Resp: 214219

Ion Ratio Lower Upper

149 100

167 24.0 20.6 30.8

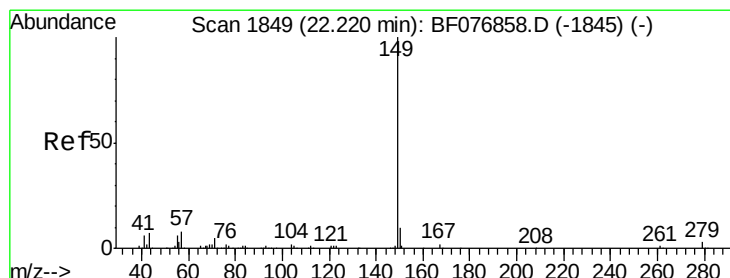
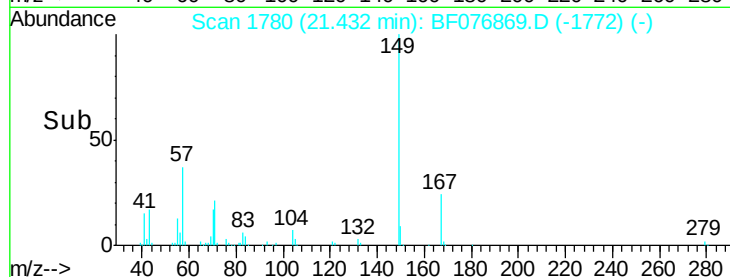
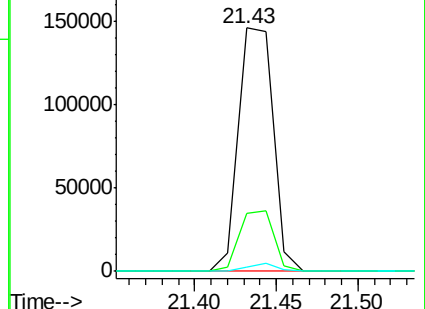
279 1.9 2.2 3.2#



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: 42.72 ng

RT: 22.21 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF076869.D

Acq: 14 Jan 2015 20:35

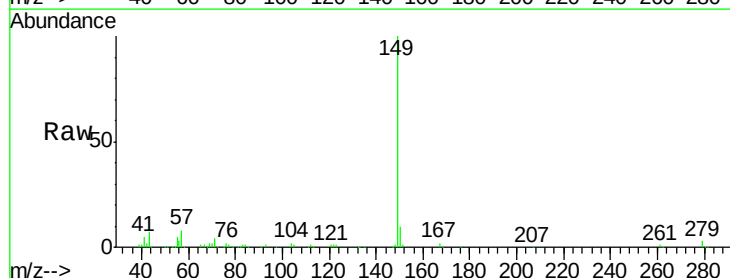
Tgt Ion:149 Resp: 383382

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

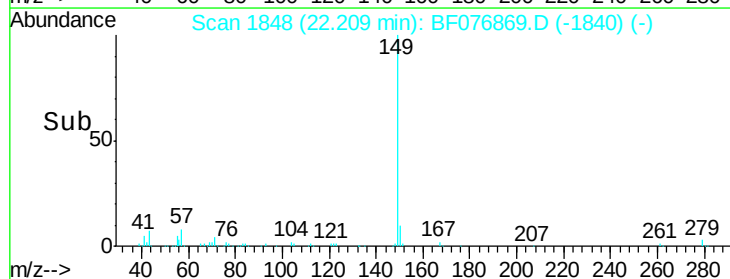
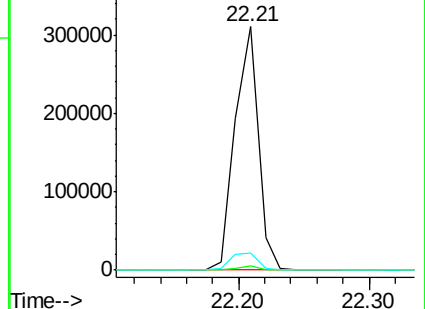
43 8.5 6.6 10.0

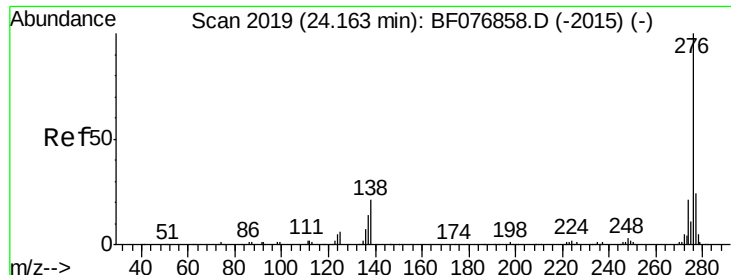


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

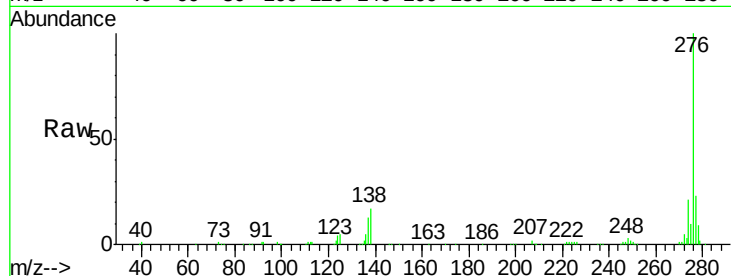




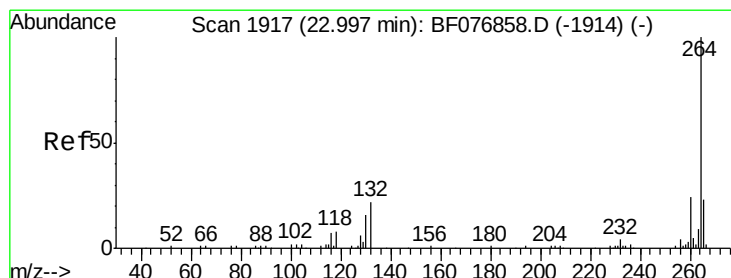
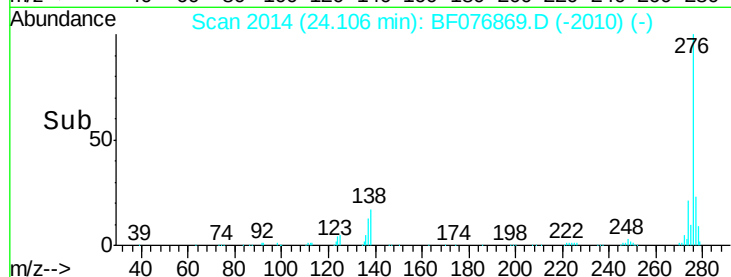
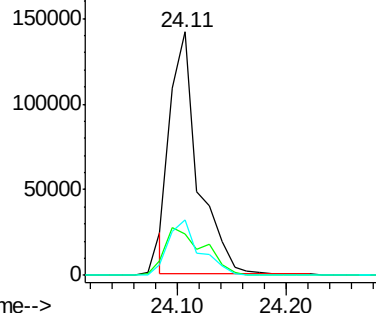
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.19 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.06 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 249630
Ion Ratio Lower Upper
276 100
138 25.8 14.6 22.0#
277 25.2 14.8 22.2#

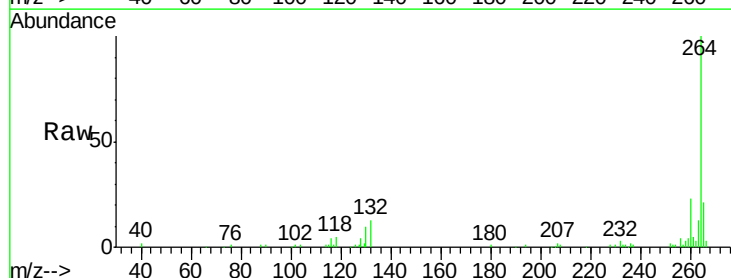


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

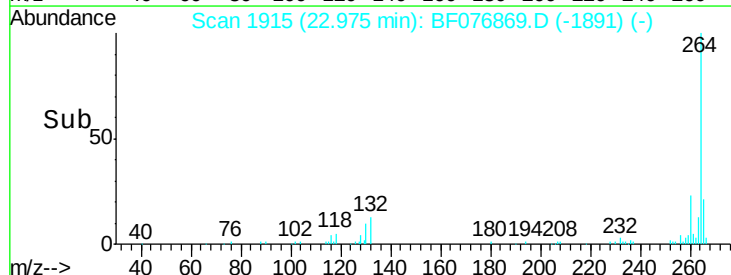
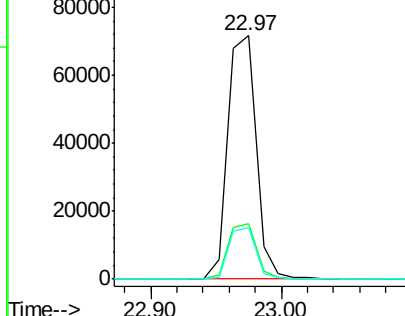


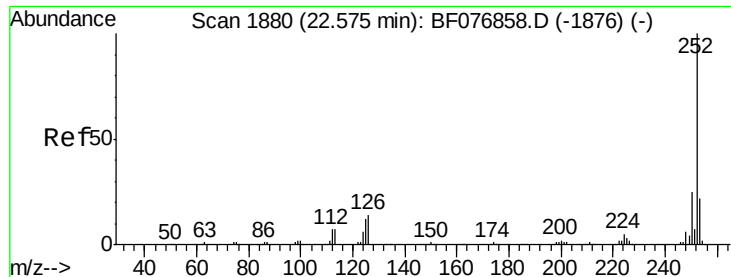
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:264 Resp: 107837
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.3 18.1 27.1



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

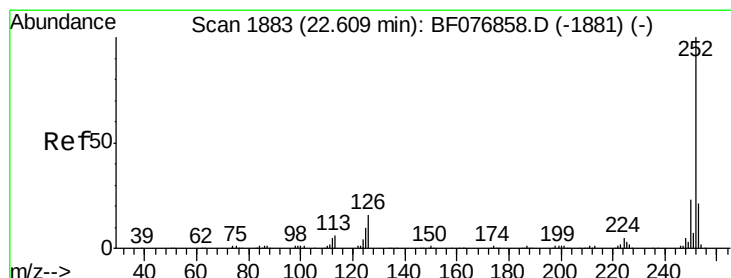
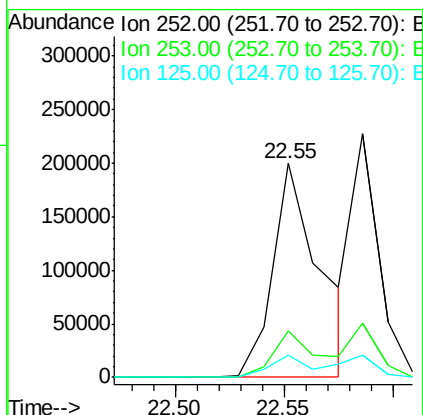
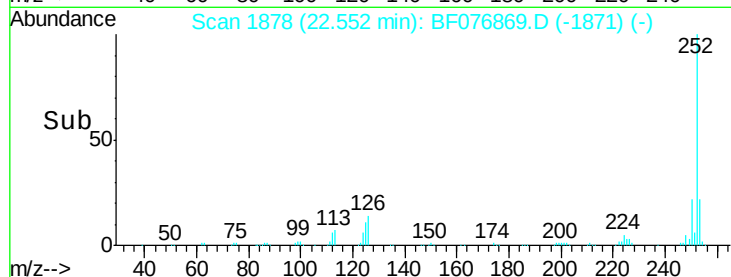
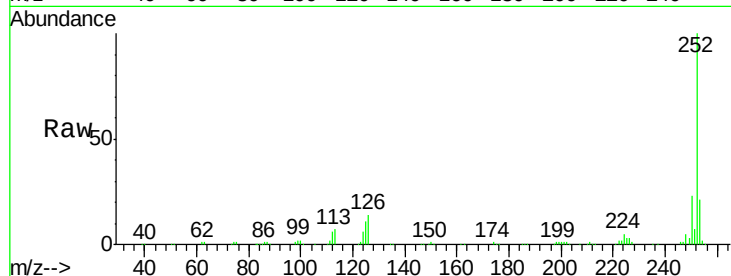




#87
Benzo(b)fluoranthene
Concen: 41.42 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

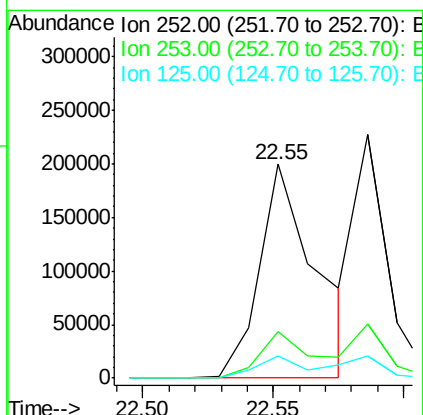
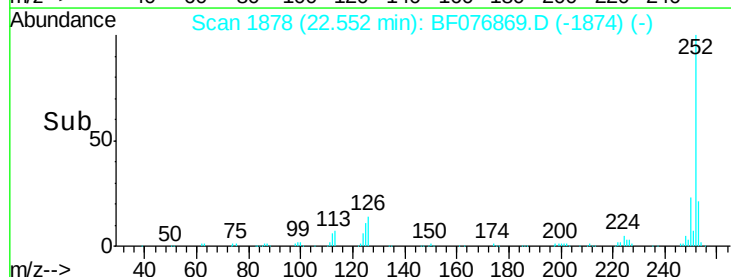
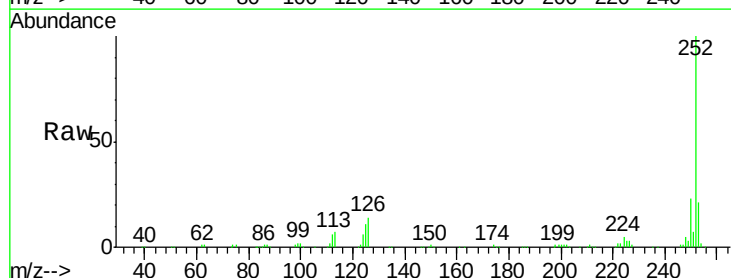
Instrument :
BNA_F
ClientSampleId :

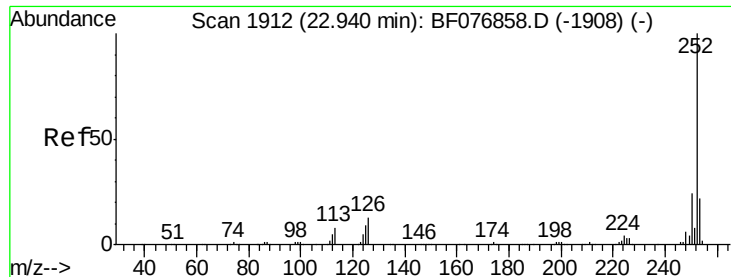
Tot Ion:252 Resp: 300809
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.6 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 47.40 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.06 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:252 Resp: 300794
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.6 7.1 10.7

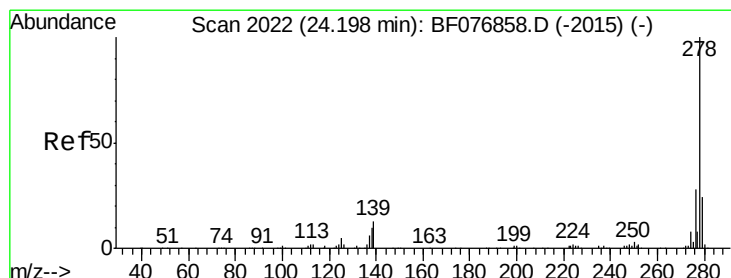
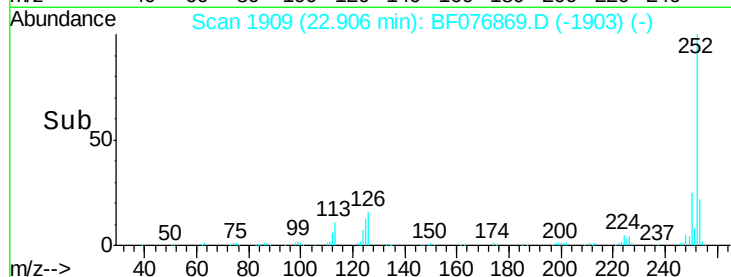
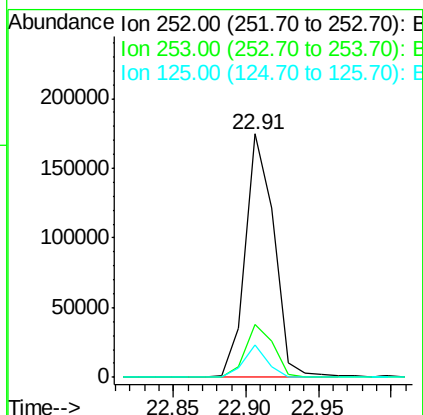
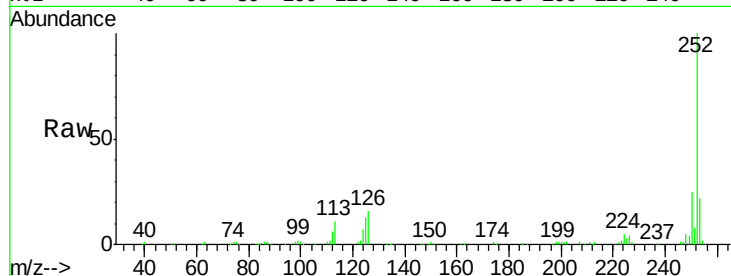




#89
Benzo(a)pyrene
Concen: 37.23 ng
RT: 22.91 min Scan# 1909
Delta R.T. -0.03 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

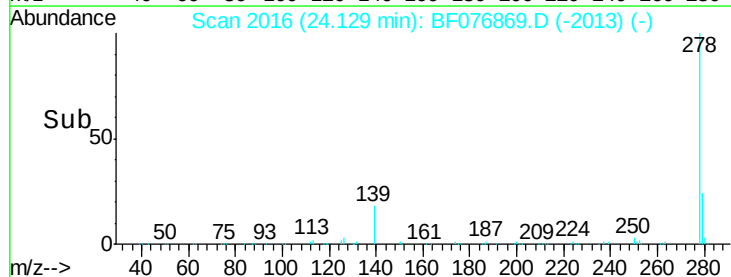
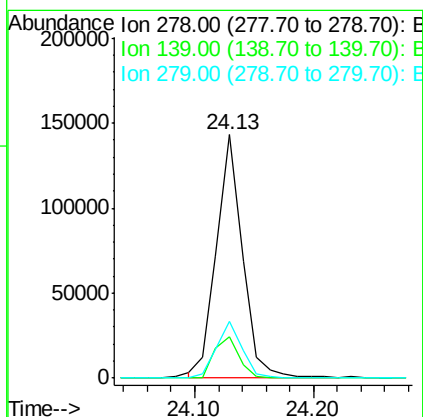
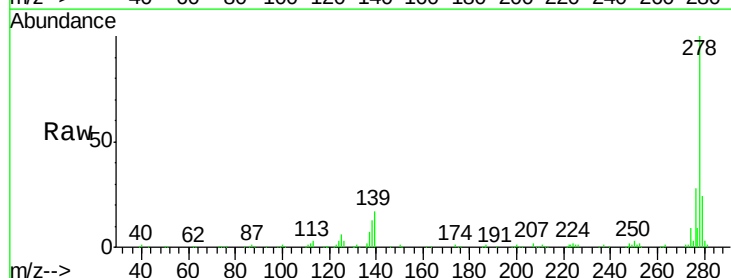
Instrument :
BNA_F
ClientSampleId :

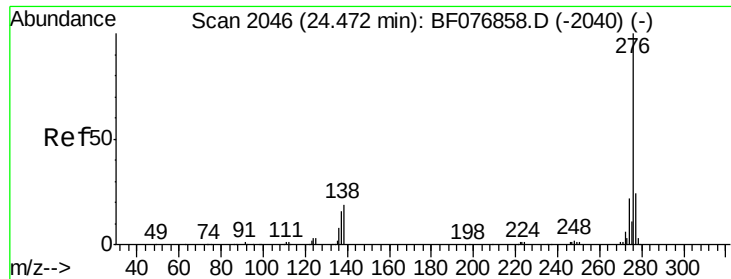
Tot Ion:252 Resp: 238509
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.1 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 36.50 ng
RT: 24.13 min Scan# 2016
Delta R.T. -0.07 min
Lab File: BF076869.D
Acq: 14 Jan 2015 20:35

Tgt Ion:278 Resp: 214557
Ion Ratio Lower Upper
278 100
139 17.1 10.5 15.7#
279 23.5 19.3 28.9

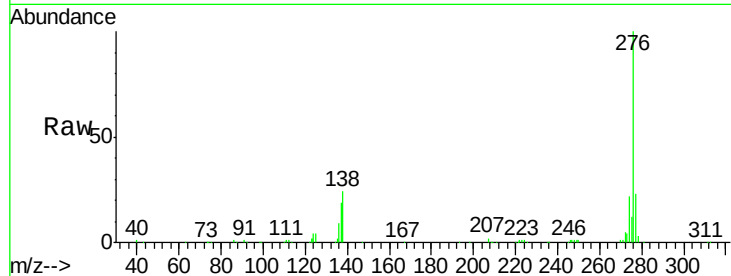




#91
 Benzo(a,h,i)perylene
 Concen: 37.22 ng
 RT: 24.40 min Scan# 2040
 Delta R.T. -0.07 min
 Lab File: BF076869.D
 Acq: 14 Jan 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.5	29.3
138	23.6	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

