

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076800.D
 Acq On : 9 Jan 2015 23:23
 Operator : IZ / TP
 Sample : PB81273BS
 Misc : W DOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Quant Time: Jan 10 03:52:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32845	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	138938	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	79096	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	139509	20.00	ng	0.00
75) Chrysene-d12	21.35	240	120424	20.00	ng	0.00
86) Perylene-d12	23.02	264	107534	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	237420	118.90	ng	0.00
7) Phenol-d6	7.49	99	307463	122.22	ng	-0.01
23) Nitrobenzene-d5	9.37	82	178465	69.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.78	330	79771	117.70	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	394786	72.63	ng	0.00
78) Terphenyl-d14	20.07	244	398833	71.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.37	88	25925	30.89	ng	# 79
3) Pyridine	1.89	79	60609	27.13	ng	96
4) n-Nitrosodimethylamine	1.83	42	39912	35.54	ng	# 81
6) Aniline	7.37	93	71370	20.42	ng	95
8) 2-Chlorophenol	7.62	128	84052	35.85	ng	93
9) Benzaldehyde	7.09	77	44220	30.62	ng	90
10) Phenol	7.51	94	101020	37.07	ng	90
11) bis(2-Chloroethyl)ether	7.61	93	75009	34.57	ng	96
12) 1,3-Dichlorobenzene	7.93	146	87830	33.30	ng	98
13) 1,4-Dichlorobenzene	8.13	146	89655	32.82	ng	99
14) 1,2-Dichlorobenzene	8.44	146	86892	33.76	ng	98
15) Benzyl Alcohol	8.52	79	71634	34.10	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.86	45	97835	33.92	ng	73
17) 2-Methylphenol	8.86	107	67712	35.19	ng	95
18) Hexachloroethane	9.19	117	33237	32.87	ng	95
19) n-Nitroso-di-n-propylamine	9.14	70	60833	33.72	ng	98
20) 3+4-Methylphenols	9.25	107	89224	35.58	ng	91
22) Acetophenone	9.06	105	121899	35.16	ng	99
24) Nitrobenzene	9.42	77	92295	35.93	ng	95
25) Isophorone	10.01	82	166439	35.72	ng	99
26) 2-Nitrophenol	10.16	139	44819	36.11	ng	96
27) 2,4-Dimethylphenol	10.44	122	76471	38.08	ng	97
28) bis(2-Chloroethoxy)methane	10.63	93	100597	37.45	ng	99
29) 2,4-Dichlorophenol	10.77	162	73818	38.27	ng	91
30) 1,2,4-Trichlorobenzene	10.89	180	72880	34.55	ng	94
31) Naphthalene	11.04	128	246052	34.30	ng	98
32) Benzoic acid	10.79	122	27830	29.06	ng	92
33) 4-Chloroaniline	11.28	127	60738	21.26	ng	99
34) Hexachlorobutadiene	11.40	225	41535	34.50	ng	94
35) Caprolactam	12.12	113	16103	29.06	ng	94
36) 4-Chloro-3-methylphenol	12.59	107	81816	38.12	ng	99
37) 2-Methylnaphthalene	12.70	142	181023	35.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	71680	35.94	ng	97
40) Hexachlorocyclopentadiene	13.09	237	77681	67.91	ng	95

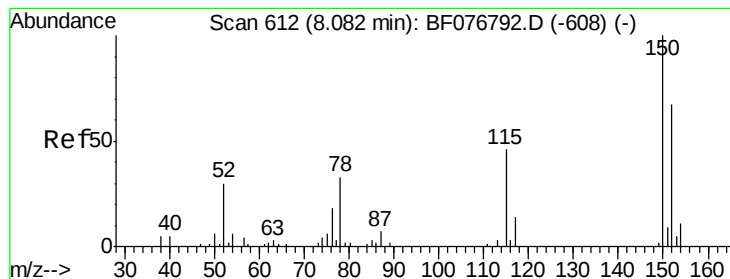
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.44	196	51505	35.40	ng	98
43) 2,4,5-Trichlorophenol	13.53	196	54025	34.82	ng	# 93
45) 1,1'-Biphenyl	13.85	154	214958	34.78	ng	99
46) 2-Chloronaphthalene	13.83	162	175457	35.26	ng	97
47) 2-Nitroaniline	14.16	65	54794	35.84	ng	87
48) Acenaphthylene	14.78	152	288736	34.16	ng	99
49) Dimethylphthalate	14.71	163	215775	37.15	ng	98
50) 2,6-Dinitrotoluene	14.81	165	44226	36.29	ng	98
51) Acenaphthene	15.20	154	160223	33.56	ng	99
52) 3-Nitroaniline	15.17	138	35597	25.55	ng	90
53) 2,4-Dinitrophenol	15.44	184	32184	72.72	ng	91
54) Dibenzofuran	15.63	168	252595	36.56	ng	100
55) 4-Nitrophenol	15.75	139	69765	77.79	ng	99
56) 2,4-Dinitrotoluene	15.73	165	61633	37.95	ng	# 95
57) Fluorene	16.32	166	203116	34.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.95	232	42363	37.27	ng	94
59) Diethylphthalate	16.31	149	224098	37.18	ng	97
60) 4-Chlorophenyl-phenylether	16.41	204	92538	37.30	ng	97
61) 4-Nitroaniline	16.46	138	44410	32.64	ng	92
62) Azobenzene	16.69	77	223603	35.82	ng	98
64) 4,6-Dinitro-2-methylphenol	16.52	198	27465	34.70	ng	98
65) n-Nitrosodiphenylamine	16.64	169	177028	34.36	ng	95
66) 4-Bromophenyl-phenylether	17.24	248	52893	35.73	ng	98
67) Hexachlorobenzene	17.26	284	53790	34.33	ng	97
68) Atrazine	17.59	200	60461	37.99	ng	93
69) Pentachlorophenol	17.61	266	43405	69.05	ng	92
70) Phenanthrene	17.89	178	293536	33.57	ng	99
71) Anthracene	17.97	178	293302	33.95	ng	99
72) Carbazole	18.25	167	284668	34.12	ng	99
73) Di-n-butylphthalate	18.83	149	352922	35.12	ng	99
74) Fluoranthene	19.52	202	296806	32.91	ng	96
76) Benzidine	19.76	184	149151	39.52	ng	97
77) Pyrene	19.81	202	304173	34.48	ng	99
79) Butylbenzylphthalate	20.73	149	143381	35.02	ng	100
80) Benzo(a)anthracene	21.34	228	267581	34.23	ng	97
81) 3,3'-Dichlorobenzidine	21.34	252	53937	21.72	ng	96
82) Chrysene	21.37	228	250228	36.01	ng	100
83) Bis(2-ethylhexyl)phthalate	21.47	149	201008	35.53	ng	97
84) Di-n-octyl phthalate	22.24	149	340195	35.27	ng	# 99
85) Indeno(1,2,3-cd)pyrene	24.16	276	250282	34.64	ng	# 100
87) Benzo(b)fluoranthene	22.60	252	237977	30.14	ng	97
88) Benzo(k)fluoranthene	22.60	252	237960	38.20	ng	99
89) Benzo(a)pyrene	22.95	252	228790	34.97	ng	# 96
90) Dibenzo(a,h)anthracene	24.20	278	209781	35.25	ng	99
91) Benzo(g,h,i)perylene	24.47	276	205826	34.05	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

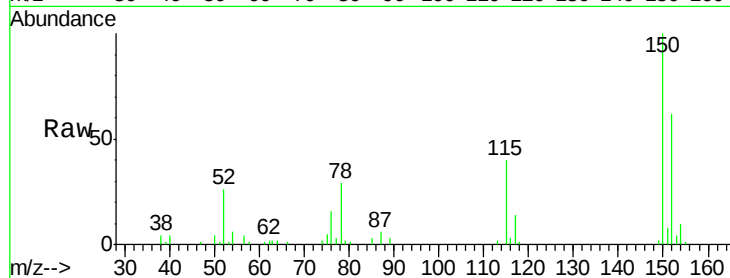
Tgt Ion:152 Resp: 32845

Ion Ratio Lower Upper

152 100

150 161.9 119.5 179.3

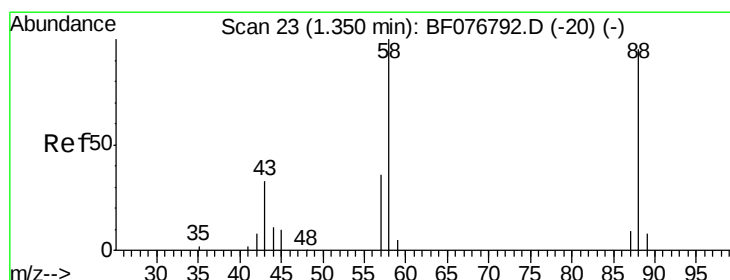
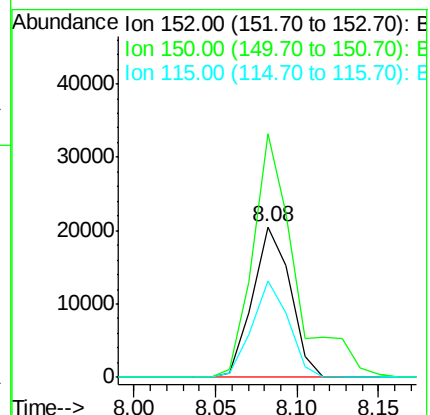
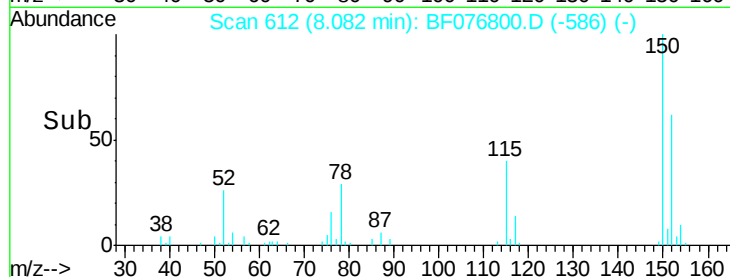
115 64.2 54.6 81.8



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: 30.89 ng

RT: 1.37 min Scan# 25

Delta R.T. 0.02 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

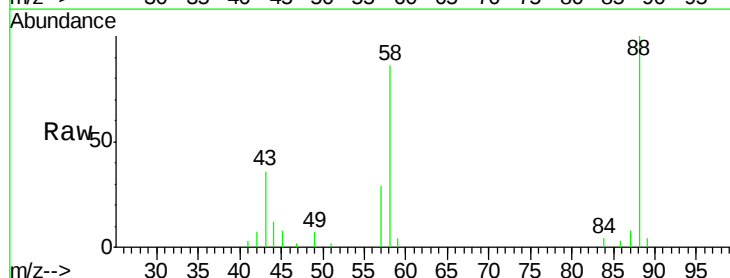
Tgt Ion: 88 Resp: 25925

Ion Ratio Lower Upper

88 100

58 81.9 72.4 108.6

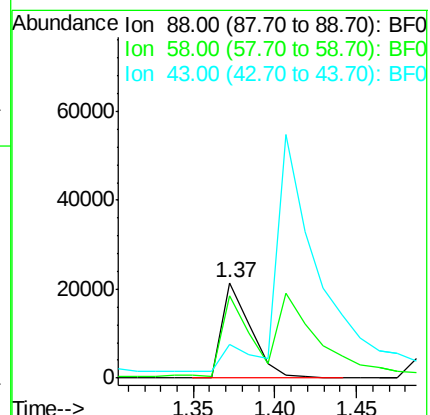
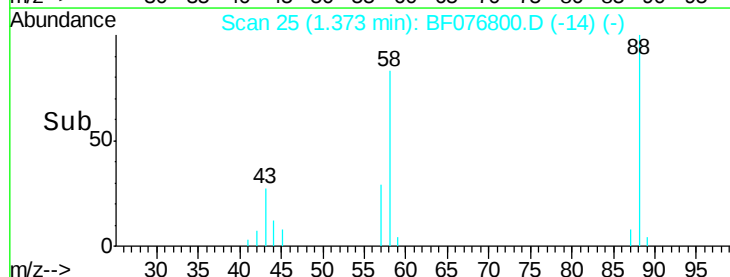
43 0.0 24.0 36.0#

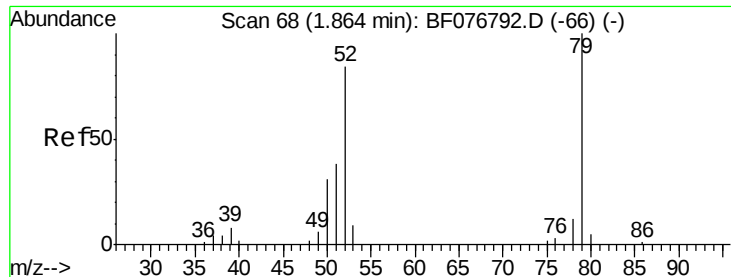


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.13 ng

RT: 1.89 min Scan# 70

Delta R.T. 0.02 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

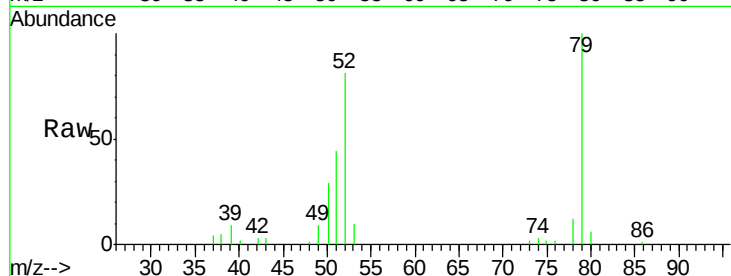
Tgt Ion: 79 Resp: 60609

Ion Ratio Lower Upper

79 100

52 81.3 66.9 100.3

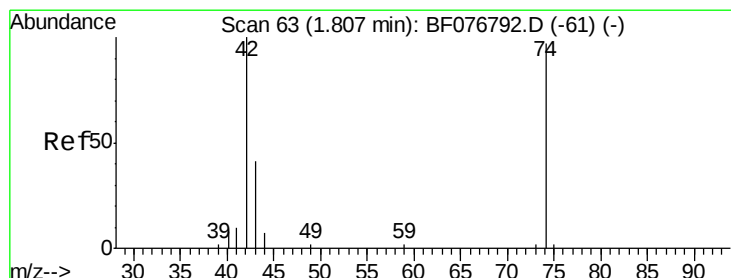
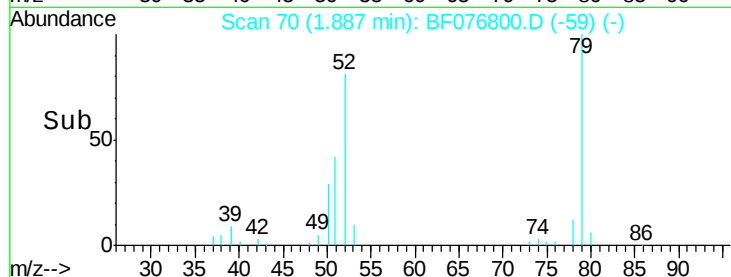
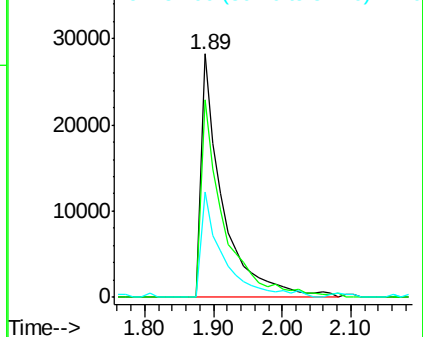
51 43.5 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.54 ng

RT: 1.83 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

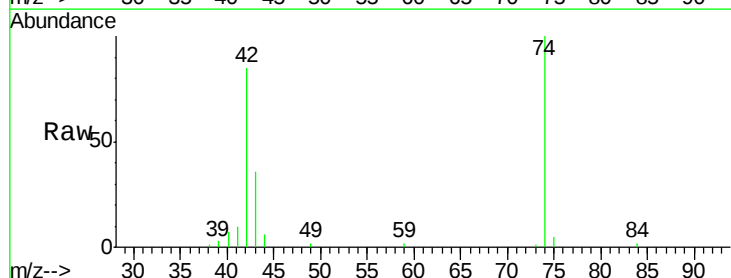
Tgt Ion: 42 Resp: 39912

Ion Ratio Lower Upper

42 100

74 117.4 77.9 116.9#

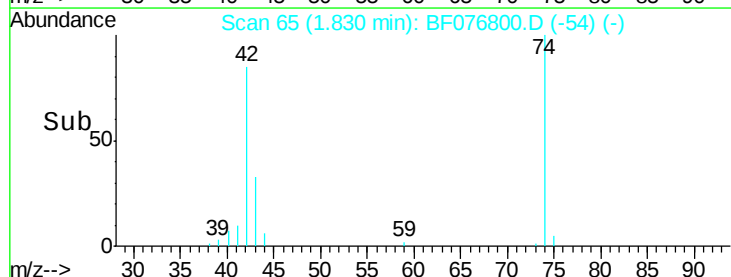
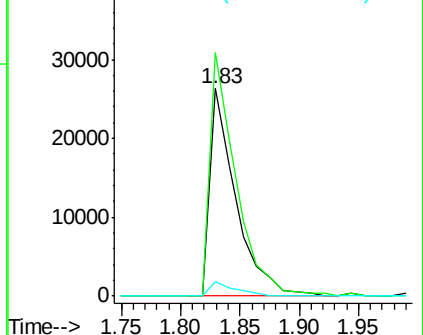
44 7.1 5.8 8.6

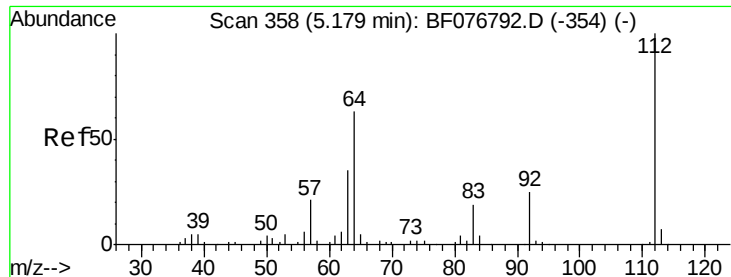


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.90 ng

RT: 5.18 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

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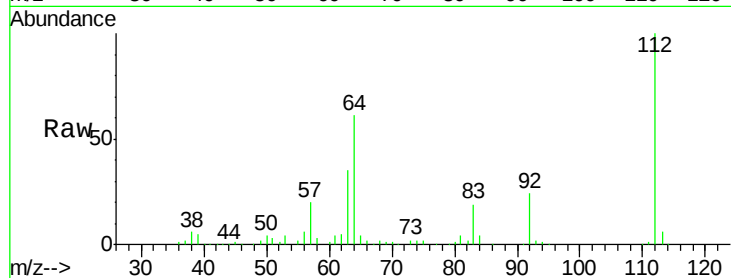
Tgt Ion: 112 Resp: 237420

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.4

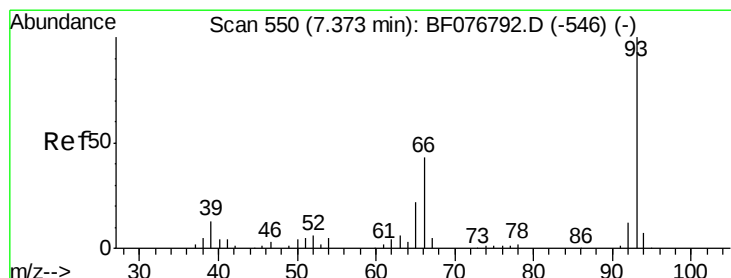
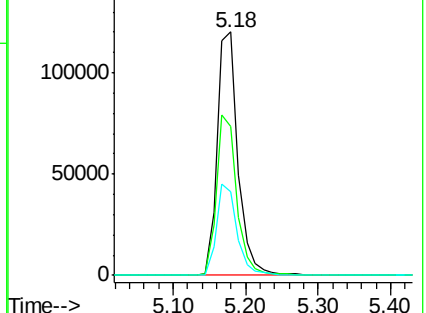
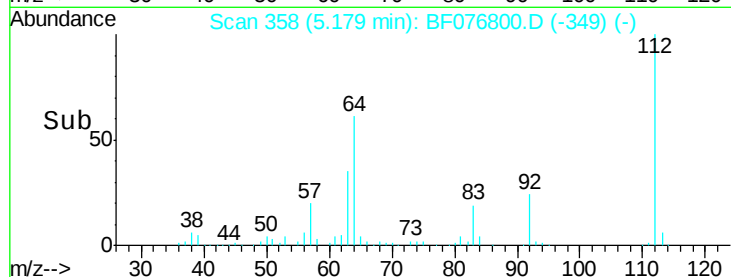
63 34.6 27.8 41.6



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: 20.42 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

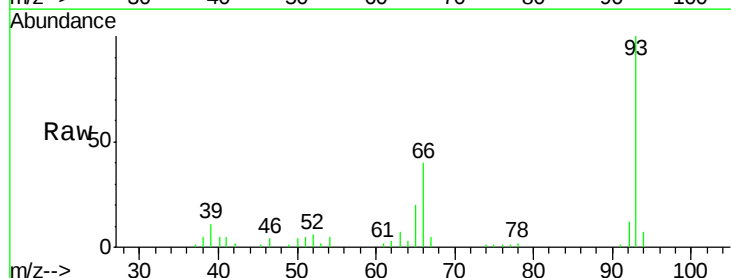
Tgt Ion: 93 Resp: 71370

Ion Ratio Lower Upper

93 100

66 39.6 34.1 51.1

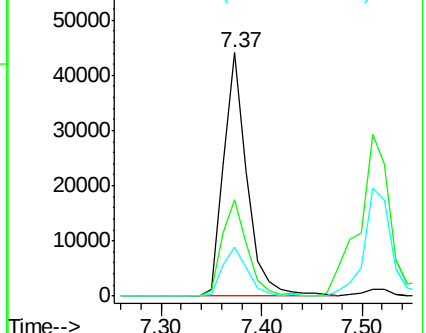
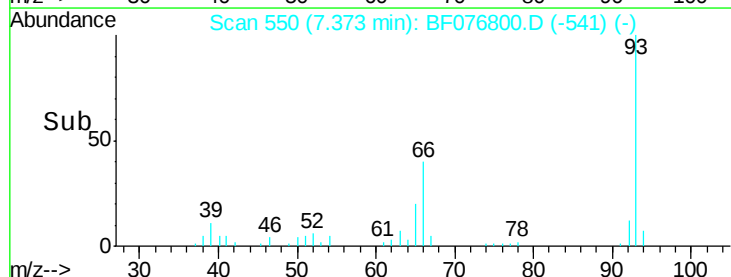
65 19.9 18.0 27.0

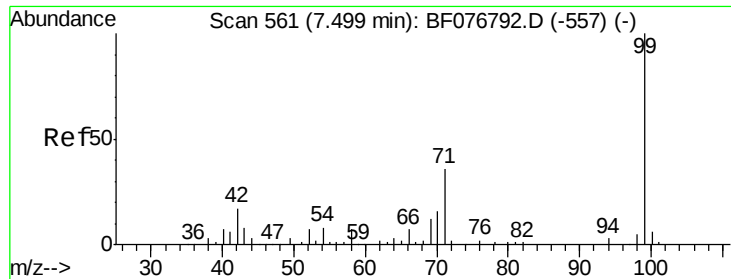


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.22 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

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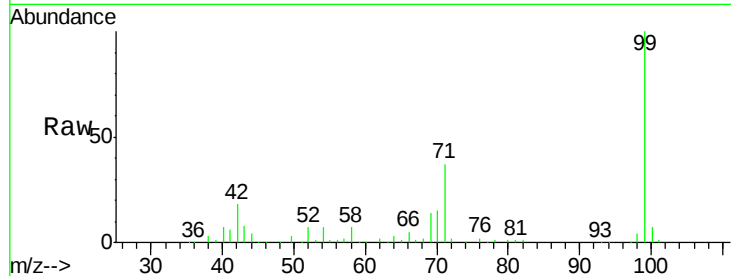
Tgt Ion: 99 Resp: 307463

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

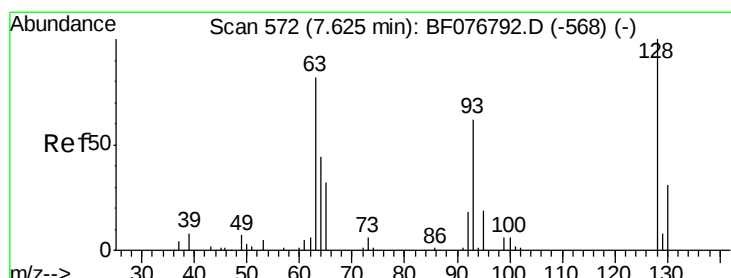
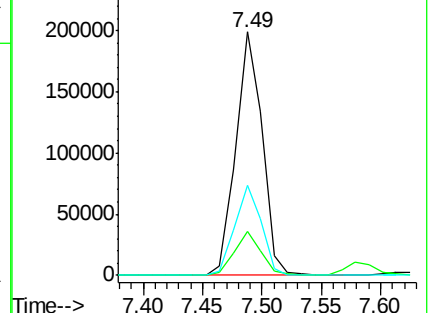
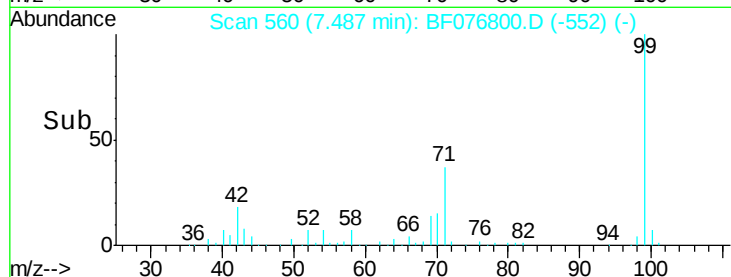
71 37.0 29.2 43.8



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: 35.85 ng

RT: 7.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

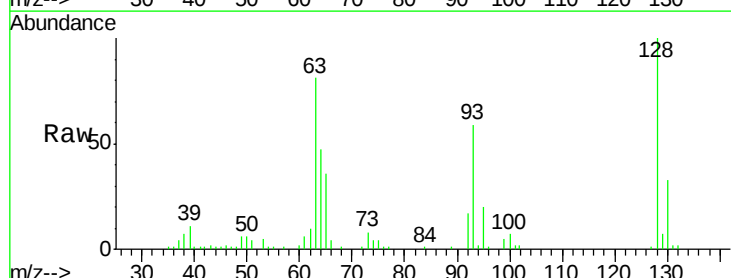
Tgt Ion: 128 Resp: 84052

Ion Ratio Lower Upper

128 100

130 33.2 10.6 50.6

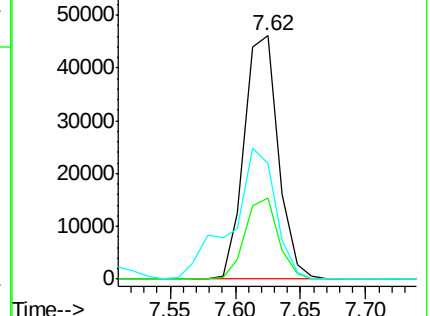
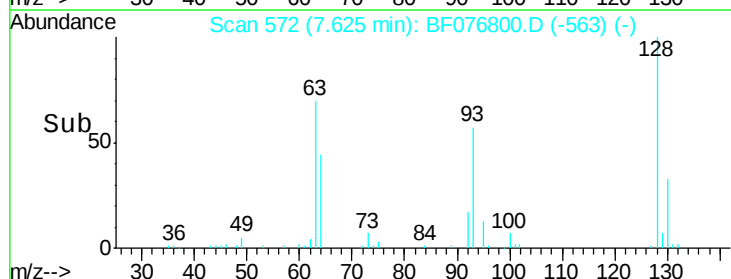
64 47.3 32.8 72.8

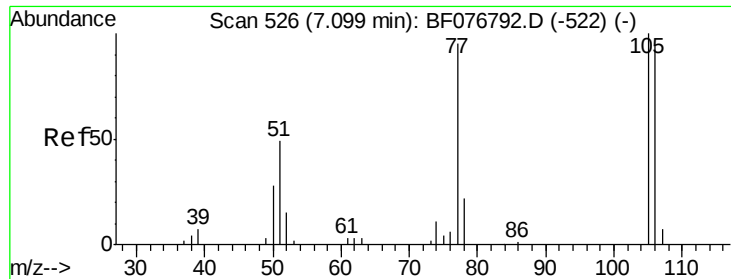


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.62 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

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PB81273BS

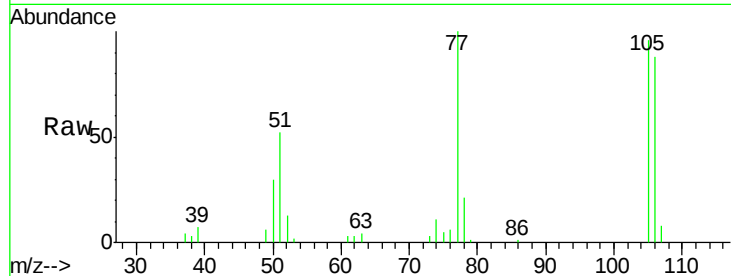
Tgt Ion: 77 Resp: 44220

Ion Ratio Lower Upper

77 100

105 95.9 85.5 125.5

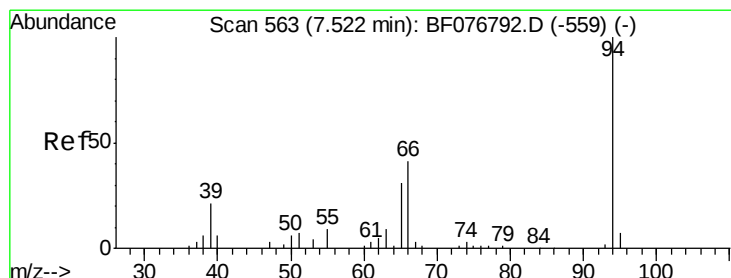
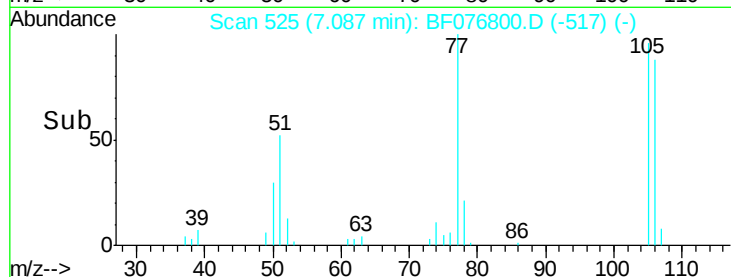
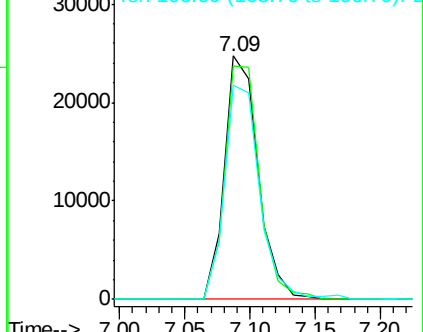
106 88.2 79.0 119.0



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: 37.07 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

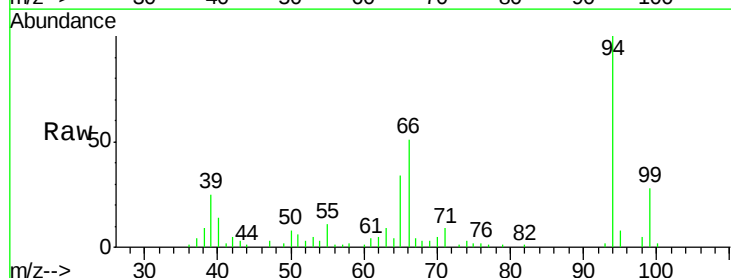
Tgt Ion: 94 Resp: 101020

Ion Ratio Lower Upper

94 100

65 34.1 11.6 51.6

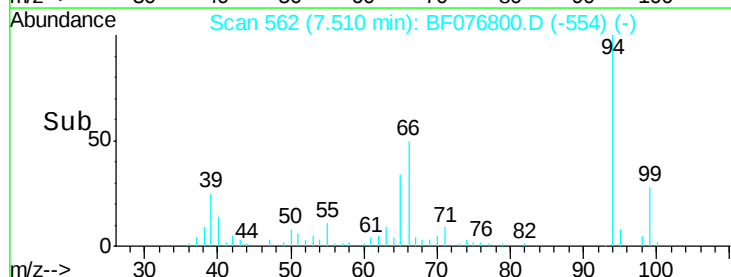
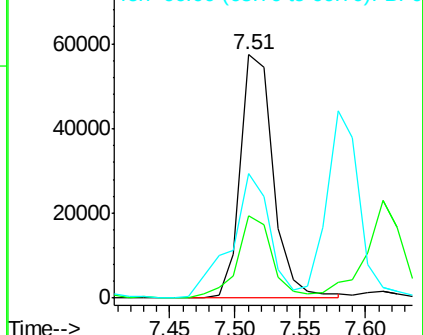
66 51.1 22.3 62.3

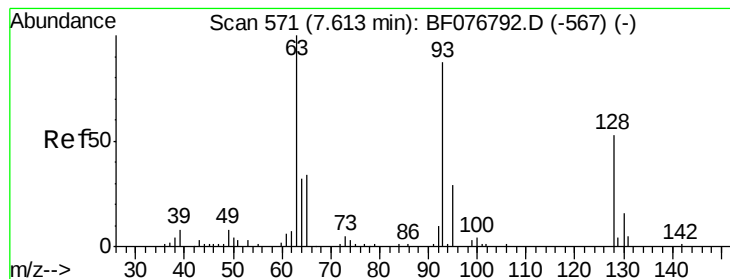


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.57 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

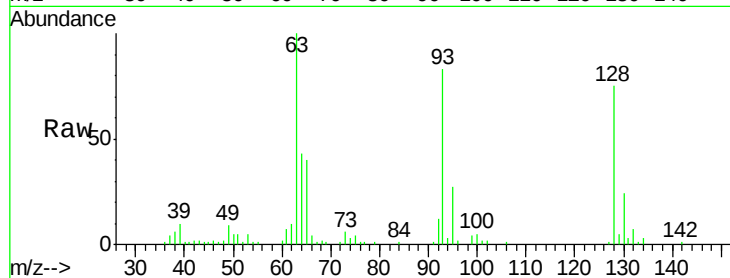
Tgt Ion: 93 Resp: 75009

Ion Ratio Lower Upper

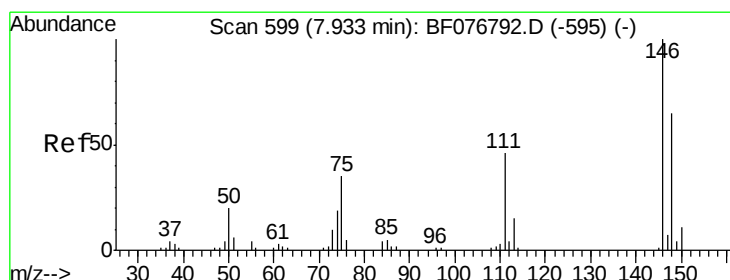
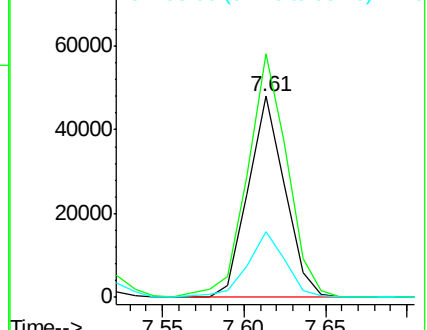
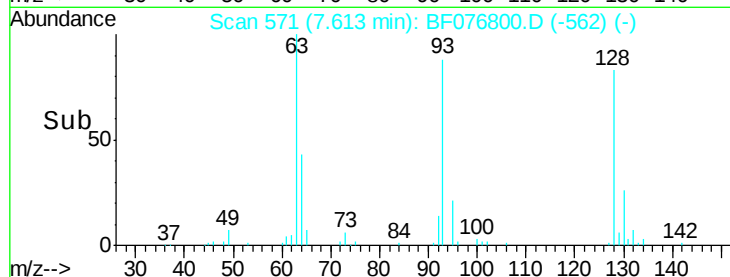
93 100

63 121.1 96.1 136.1

95 32.5 14.0 54.0



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: 33.30 ng

RT: 7.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

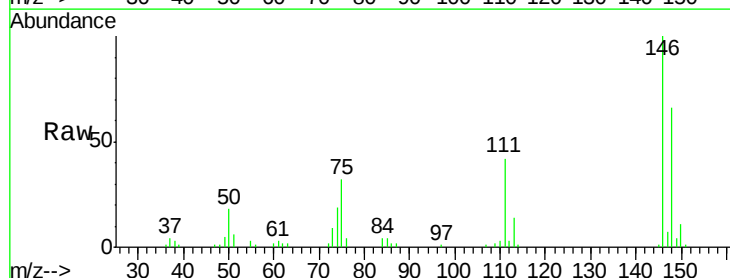
Tgt Ion: 146 Resp: 87830

Ion Ratio Lower Upper

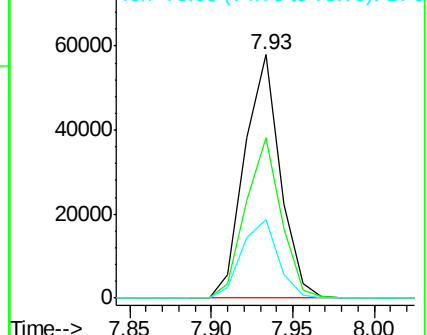
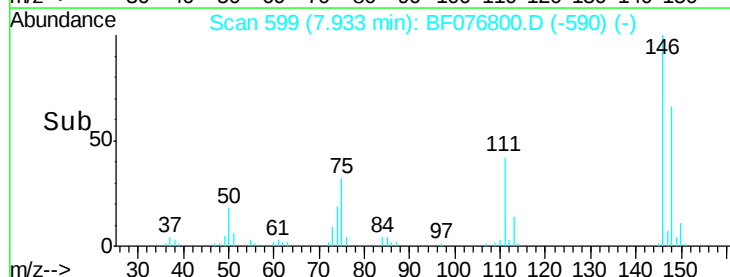
146 100

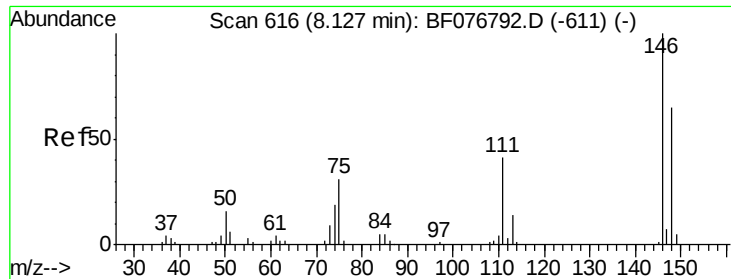
148 65.9 52.1 78.1

75 32.3 28.0 42.0



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

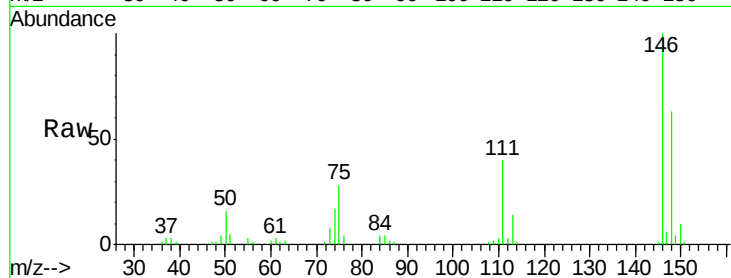




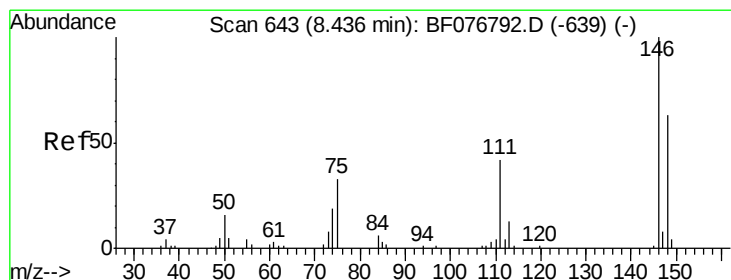
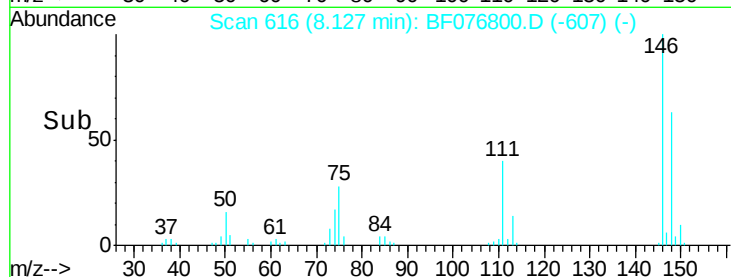
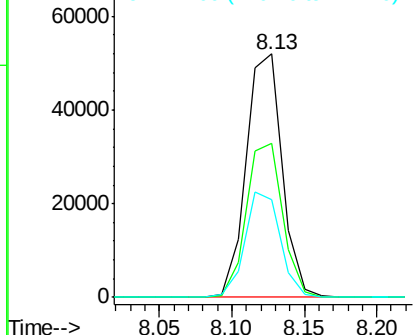
#13
 1,4-Dichlorobenzene
 Concen: 32.82 ng
 RT: 8.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:146 Resp: 89655
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 111 40.4 32.6 49.0

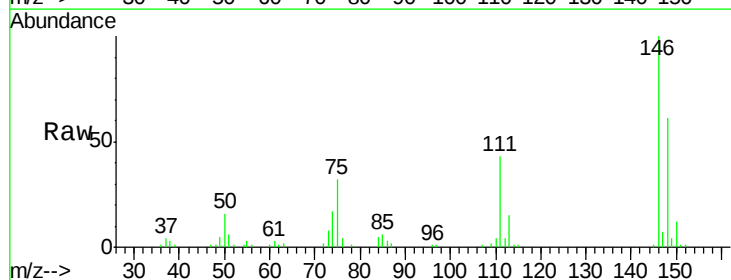


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

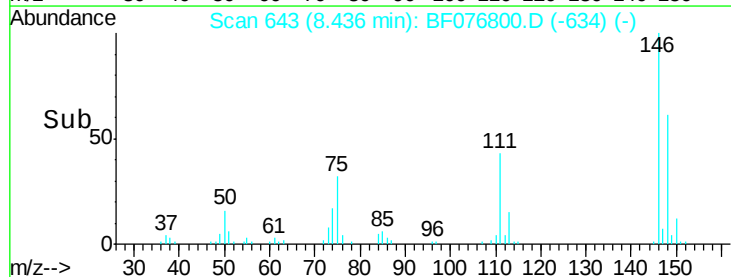
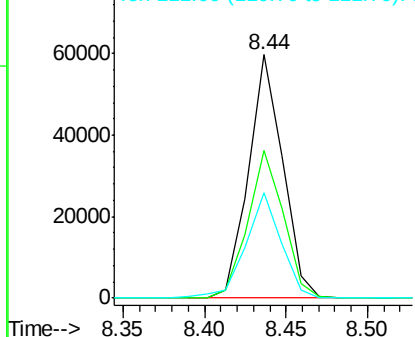


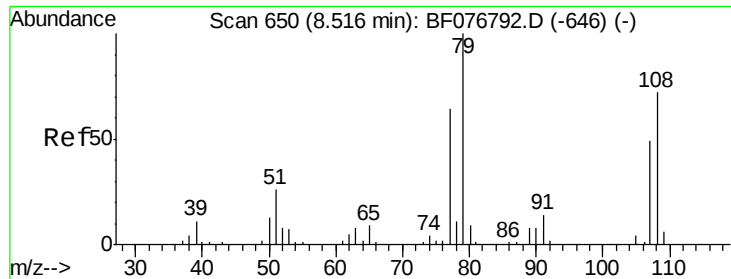
#14
 1,2-Dichlorobenzene
 Concen: 33.76 ng
 RT: 8.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:146 Resp: 86892
 Ion Ratio Lower Upper
 146 100
 148 60.6 50.2 75.2
 111 43.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.10 ng

RT: 8.52 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

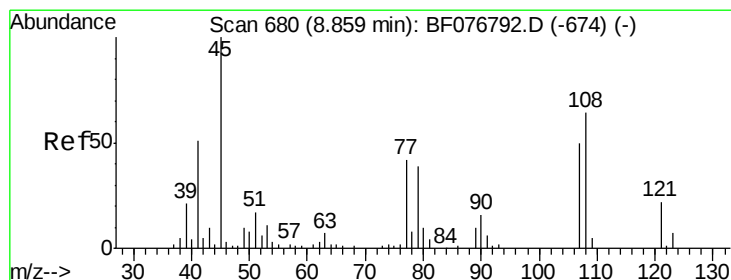
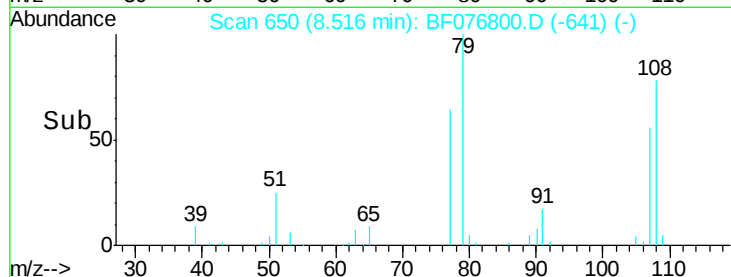
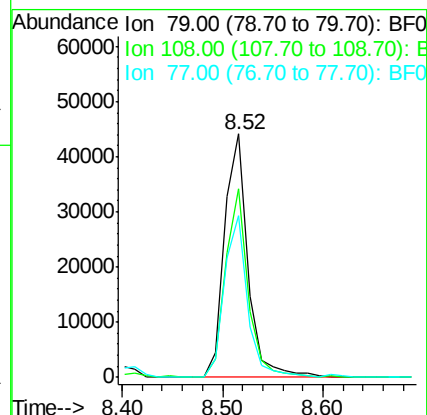
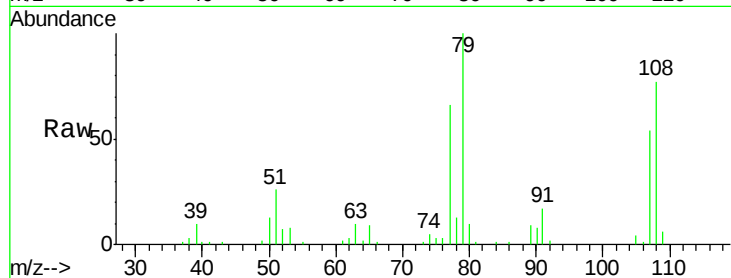
Tgt Ion: 79 Resp: 71634

Ion Ratio Lower Upper

79 100

108 77.3 57.4 86.0

77 66.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.92 ng

RT: 8.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

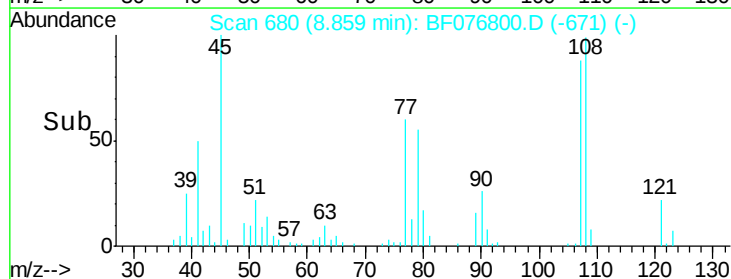
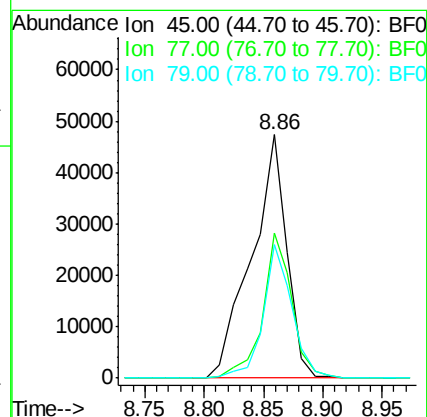
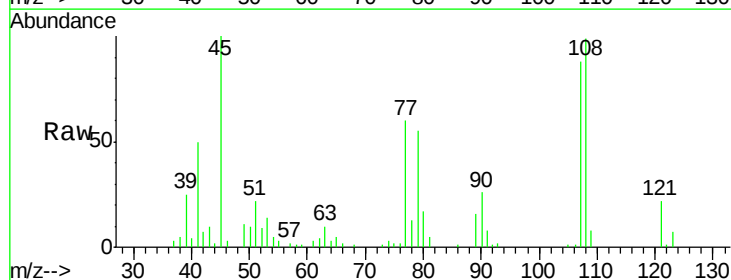
Tgt Ion: 45 Resp: 97835

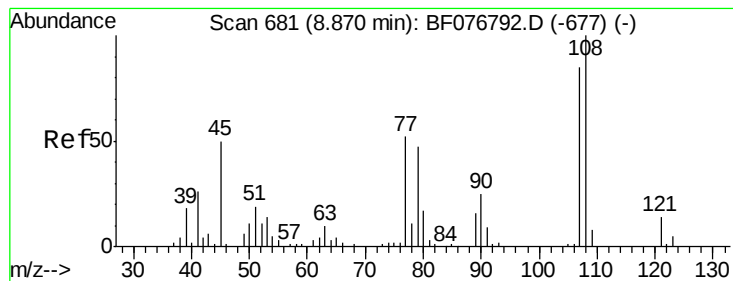
Ion Ratio Lower Upper

45 100

77 59.7 21.9 61.9

79 54.9 19.0 59.0





#17

2-Methylphenol

Concen: 35.19 ng

RT: 8.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion:107 Resp: 67712

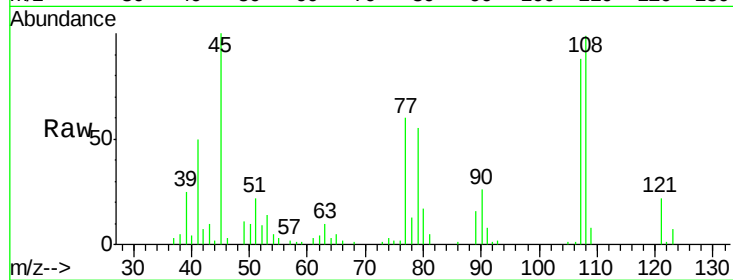
Ion Ratio Lower Upper

107 100

108 113.1 93.8 140.8

77 68.0 51.3 76.9

79 62.5 46.5 69.7

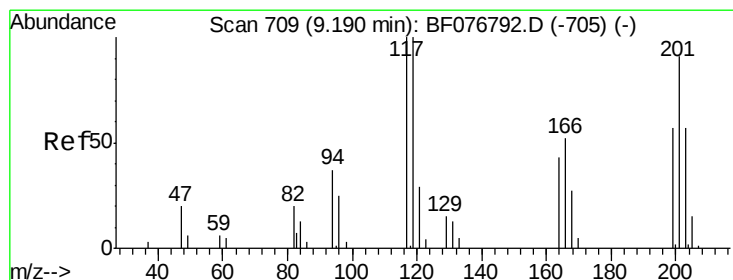
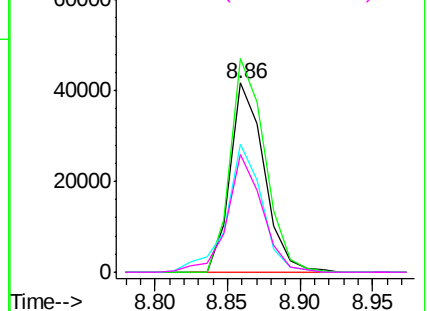
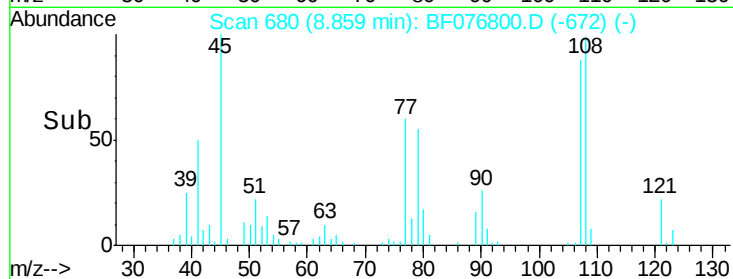


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.87 ng

RT: 9.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

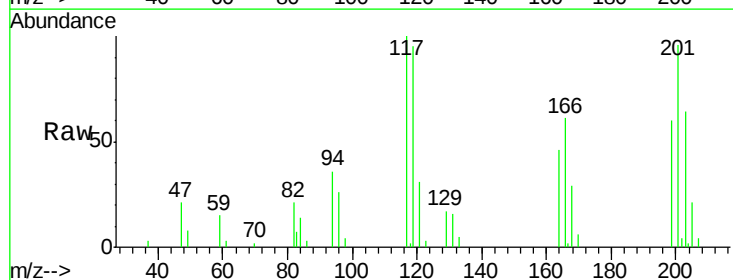
Tgt Ion:117 Resp: 33237

Ion Ratio Lower Upper

117 100

119 94.8 80.0 120.0

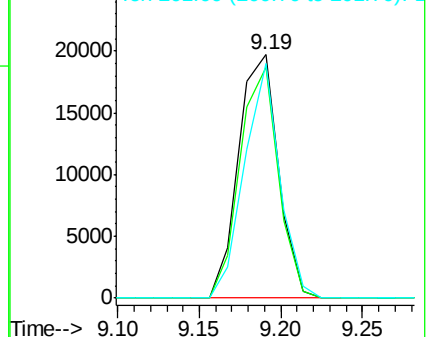
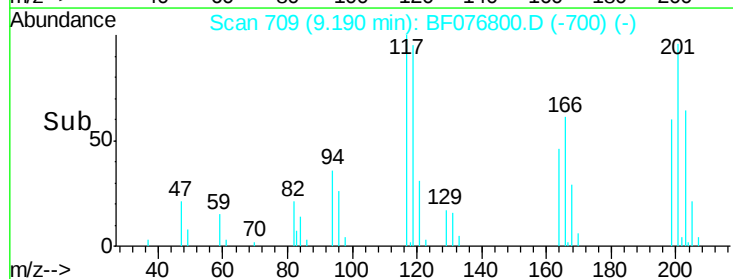
201 96.2 73.0 109.4

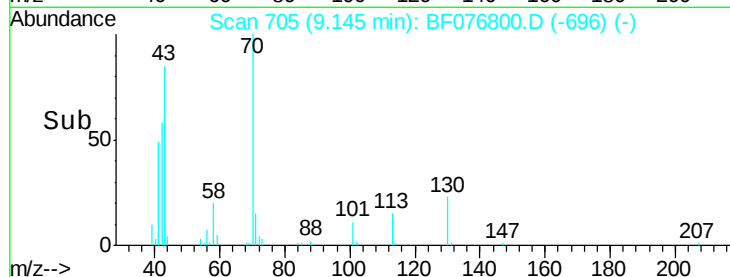
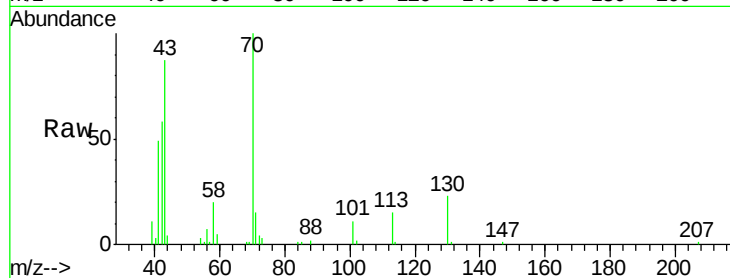
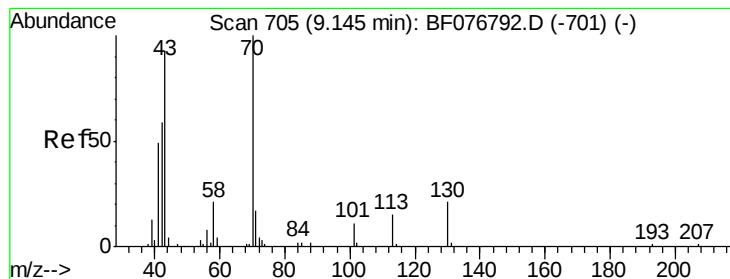


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.72 ng

RT: 9.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion: 70 Resp: 60833

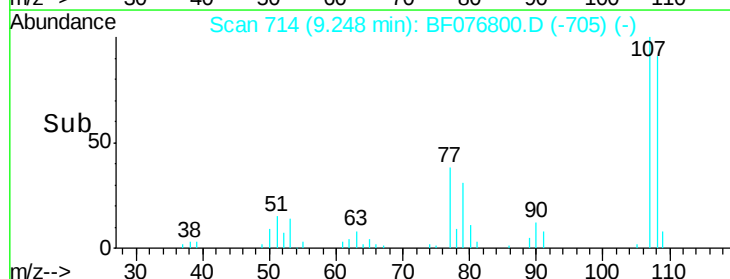
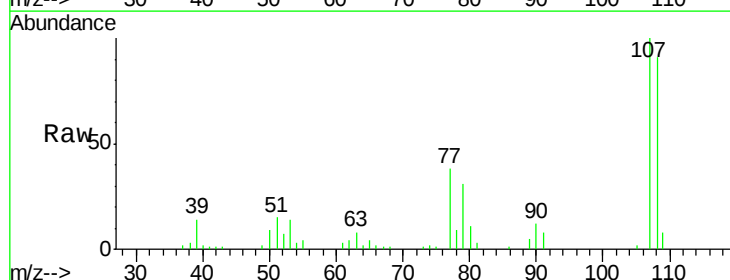
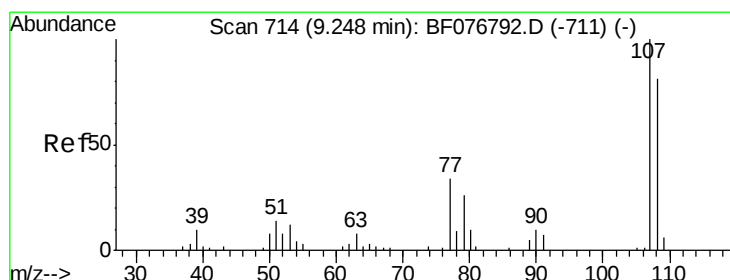
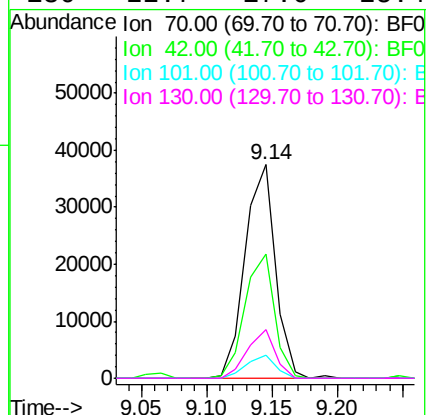
Ion Ratio Lower Upper

70 100

42 57.9 47.1 70.7

101 10.7 8.5 12.7

130 22.7 17.0 25.4



#20

3+4-Methylphenols

Concen: 35.58 ng

RT: 9.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Tgt Ion: 107 Resp: 89224

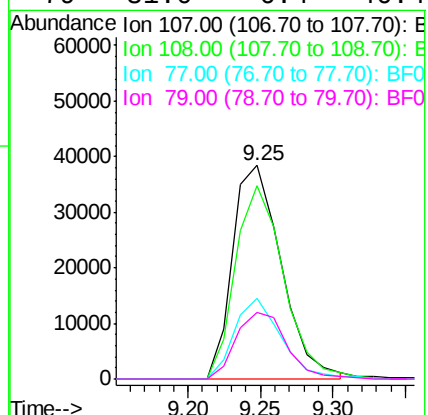
Ion Ratio Lower Upper

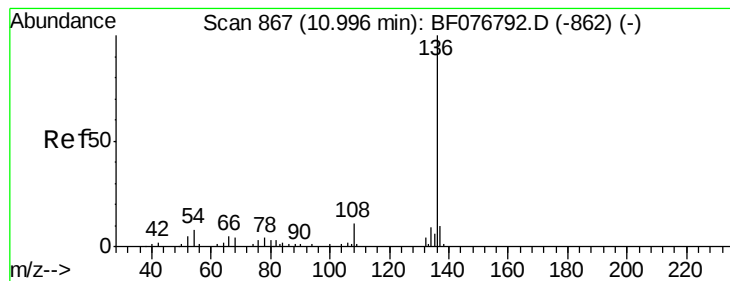
107 100

108 90.8 61.4 101.4

77 38.0 14.4 54.4

79 31.0 6.4 46.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion:136 Resp: 138938

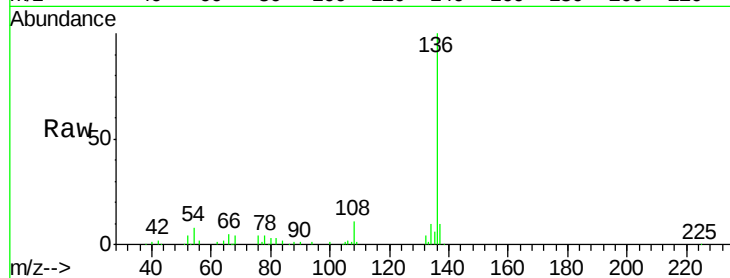
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 7.6 6.3 9.5

68 4.2 3.4 5.0

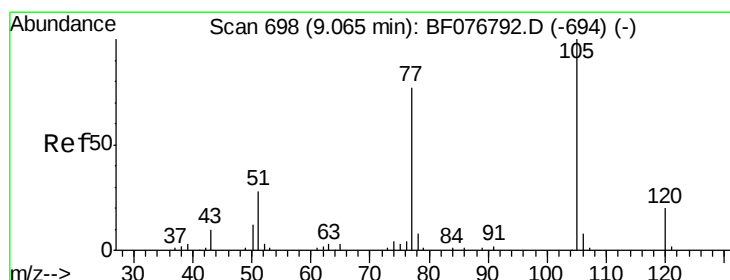
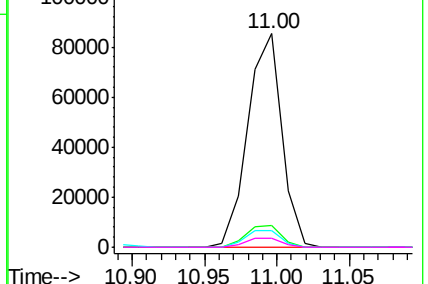
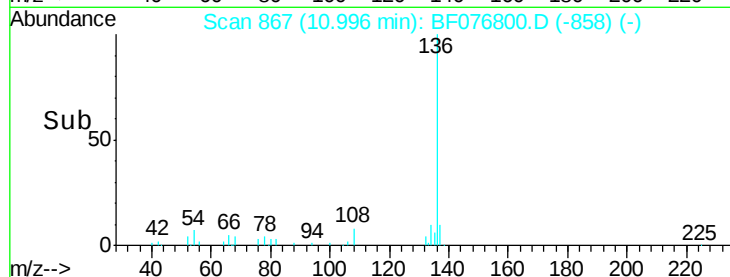


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.16 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Tgt Ion:105 Resp: 121899

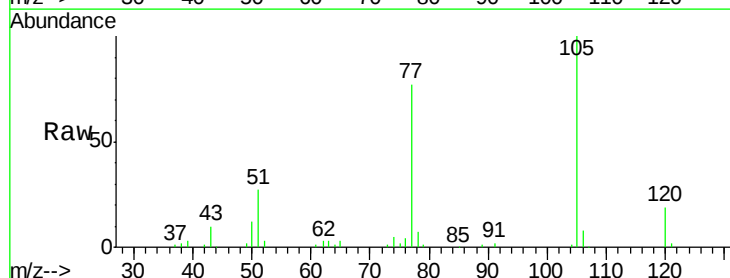
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 26.8 22.2 33.2

120 19.4 15.7 23.5

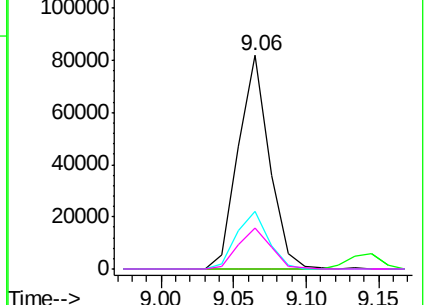
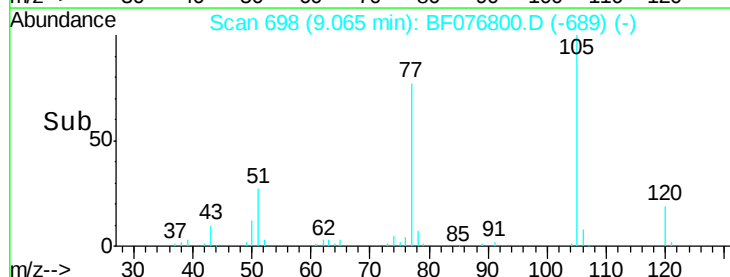


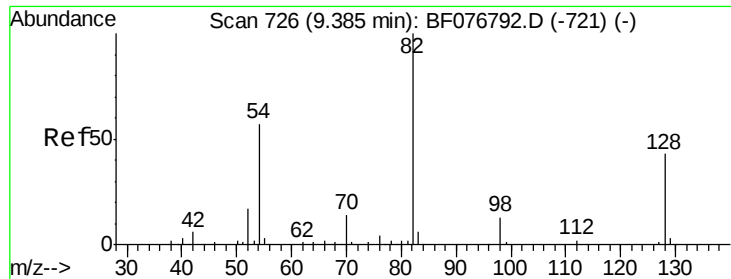
Abundance Ion 105.00 (104.70 to 105.70): E

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

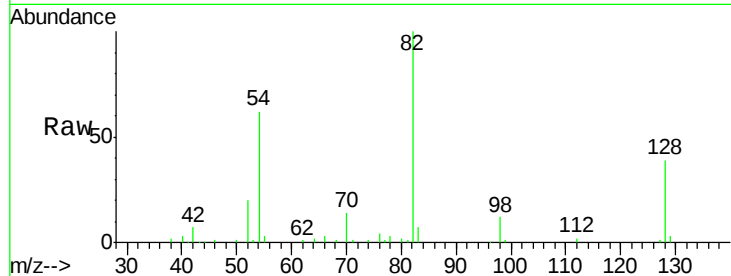




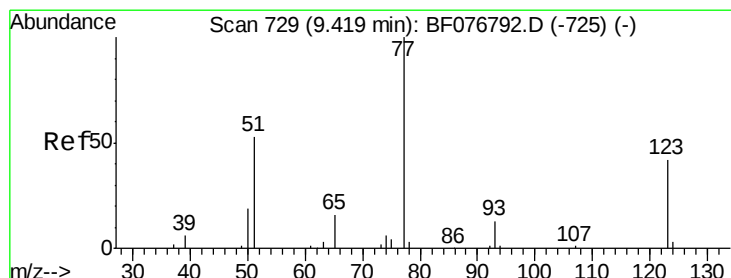
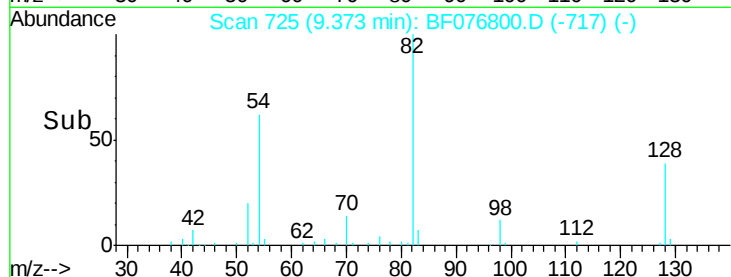
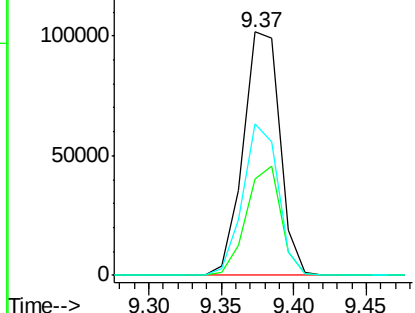
#23
 Nitrobenzene-d5
 Concen: 69.89 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion: 82 Resp: 178465
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.0 51.0
 54 62.2 45.6 68.4

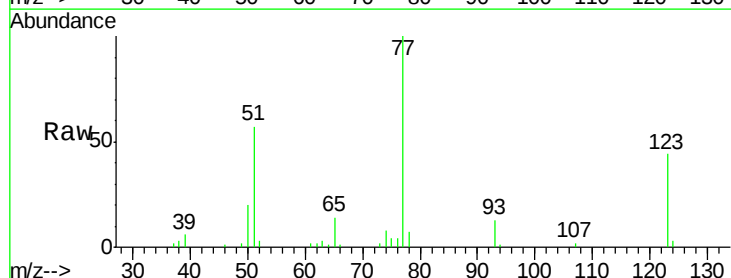


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

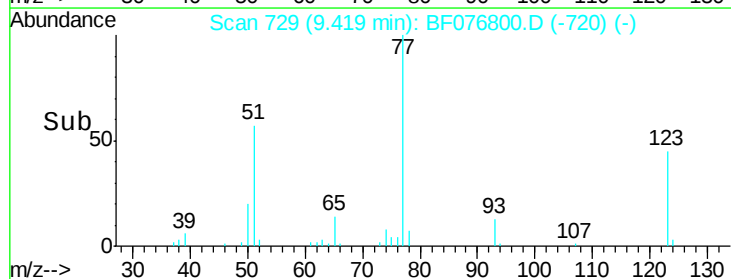
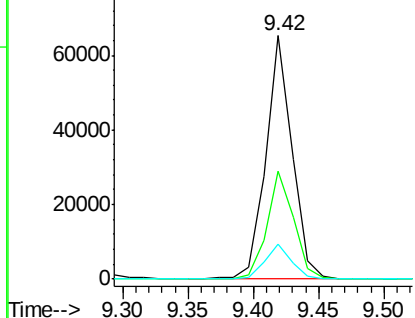


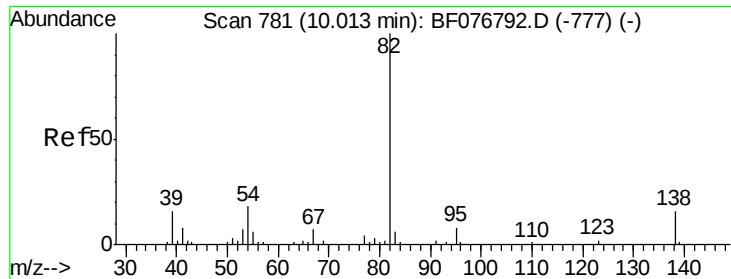
#24
 Nitrobenzene
 Concen: 35.93 ng
 RT: 9.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion: 77 Resp: 92295
 Ion Ratio Lower Upper
 77 100
 123 44.5 33.3 49.9
 65 14.2 13.1 19.7



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





#25

Isophorone

Concen: 35.72 ng

RT: 10.01 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

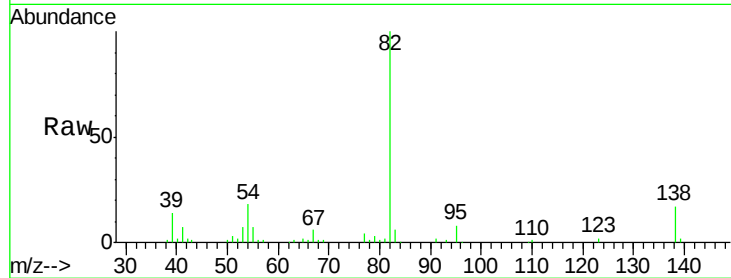
Tgt Ion: 82 Resp: 166439

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 16.8 13.0 19.4

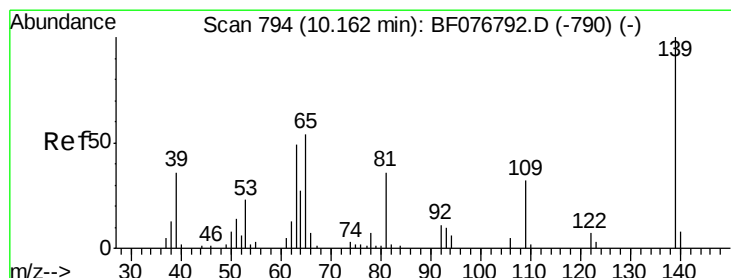
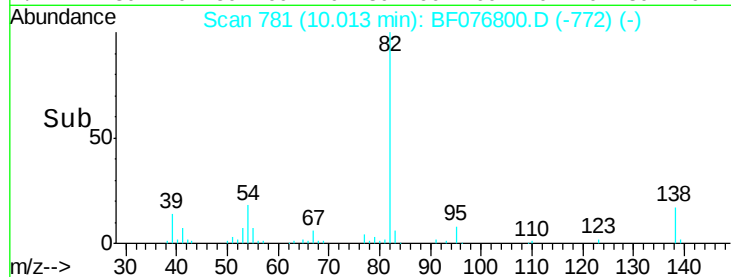


Abundance Ion 82.00 (81.70 to 82.70): BF076792.D (-777) (-)

Ion 95.00 (94.70 to 95.70): BF076792.D (-777) (-)

Ion 138.00 (137.70 to 138.70): BF076792.D (-777) (-)

Time-->



#26

2-Nitrophenol

Concen: 36.11 ng

RT: 10.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

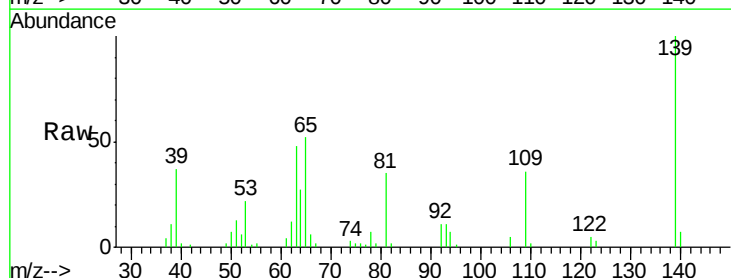
Tgt Ion: 139 Resp: 44819

Ion Ratio Lower Upper

139 100

109 36.0 25.4 38.0

65 52.1 43.0 64.4

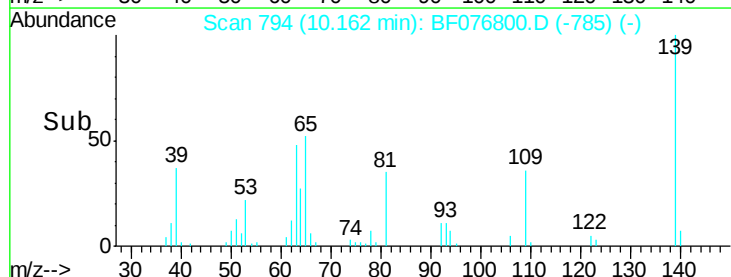


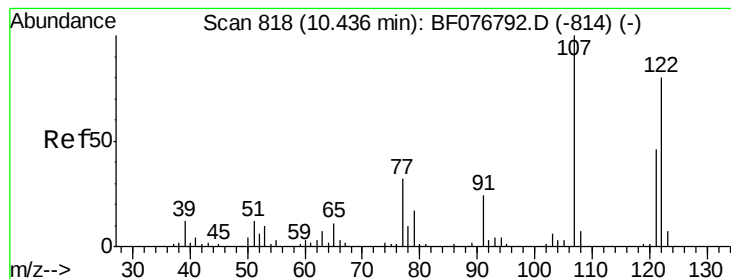
Abundance Ion 139.00 (138.70 to 139.70): BF076792.D (-790) (-)

Ion 109.00 (108.70 to 109.70): BF076792.D (-790) (-)

Ion 65.00 (64.70 to 65.70): BF076792.D (-790) (-)

Time-->

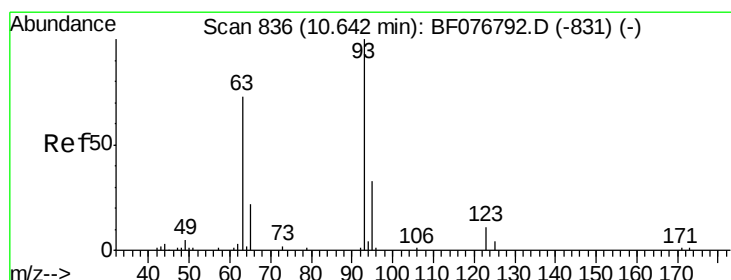
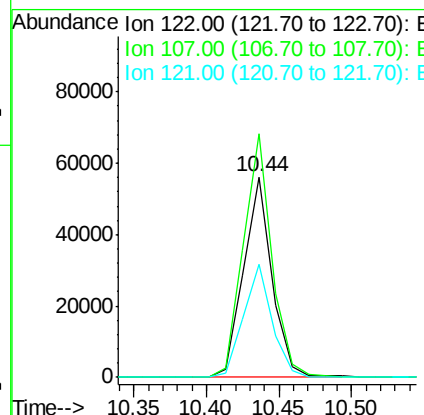
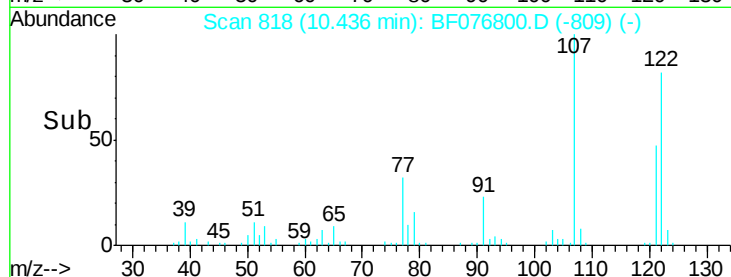
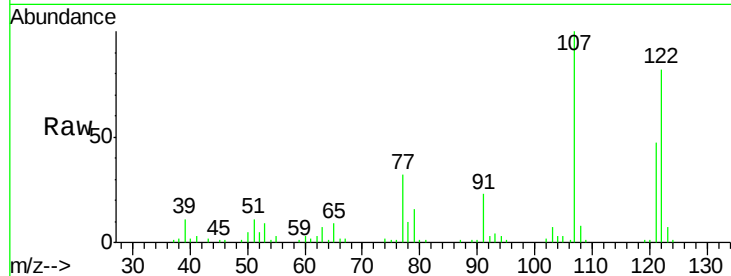




#27
 2,4-Dimethylphenol
 Concen: 38.08 ng
 RT: 10.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

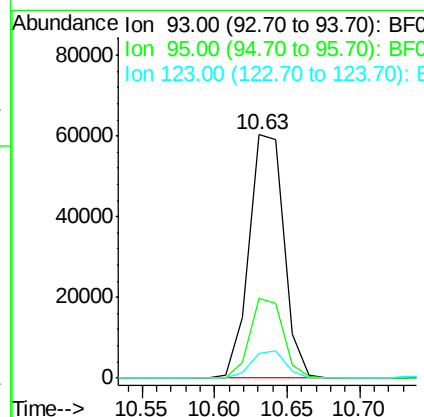
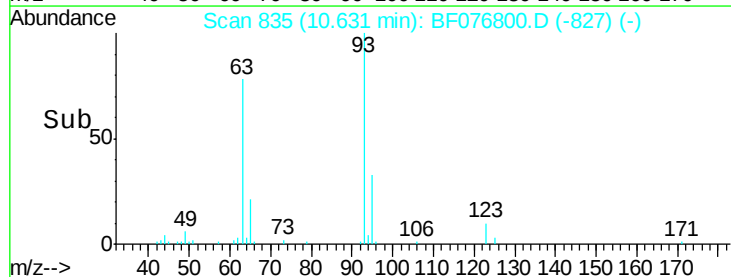
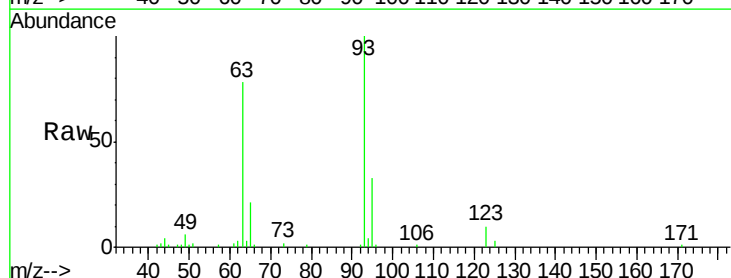
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

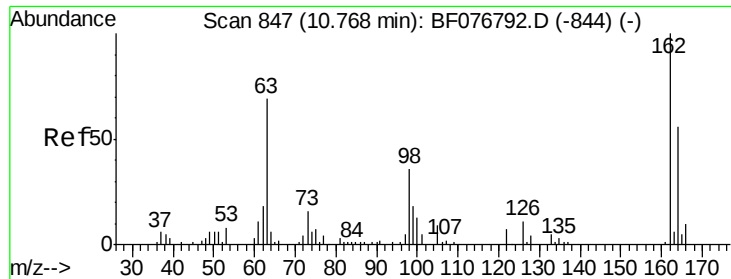
Tgt Ion:	122	Resp:	76471
Ion	Ratio	Lower	Upper
122	100		
107	121.6	100.6	150.8
121	56.6	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.45 ng
 RT: 10.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:	93	Resp:	100597
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	10.1	9.0	13.6

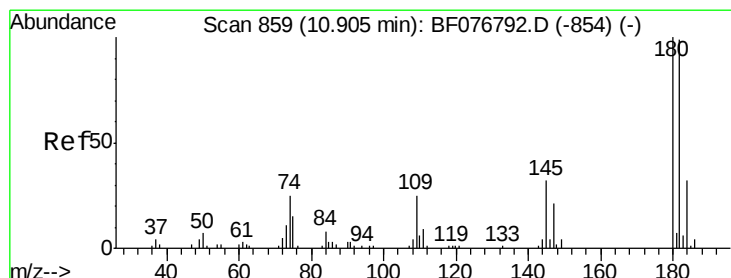
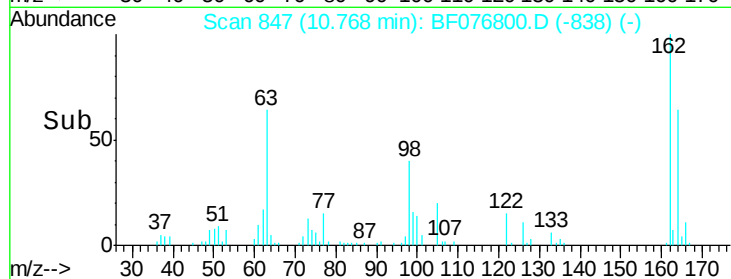
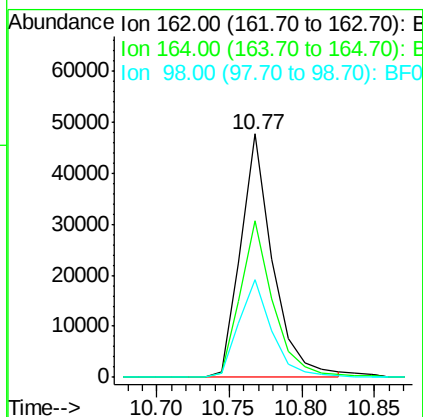
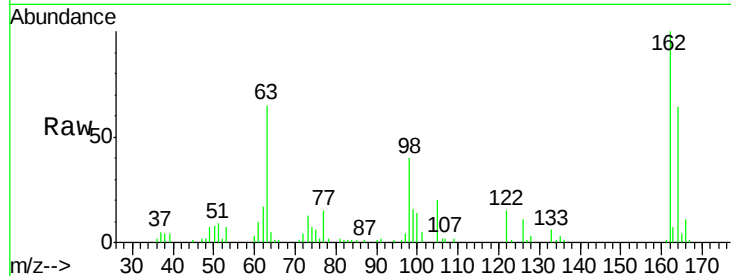




#29
 2,4-Dichlorophenol
 Concen: 38.27 ng
 RT: 10.77 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

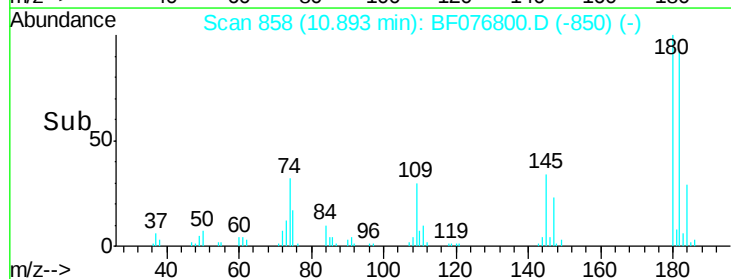
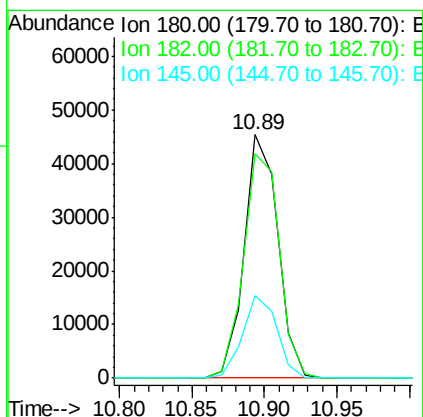
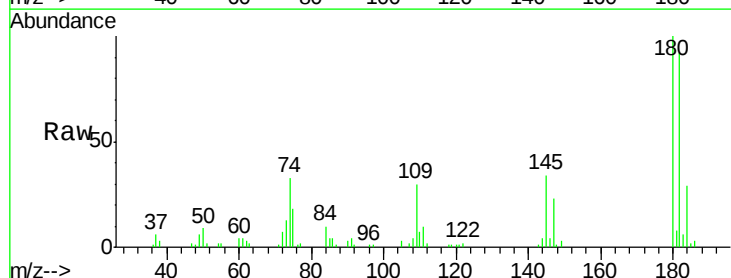
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

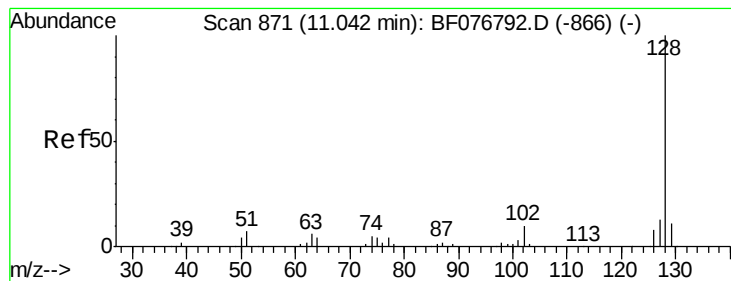
Tgt Ion:162 Resp: 73818
 Ion Ratio Lower Upper
 162 100
 164 64.3 36.4 76.4
 98 39.9 16.1 56.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.55 ng
 RT: 10.89 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:180 Resp: 72880
 Ion Ratio Lower Upper
 180 100
 182 92.1 79.4 119.2
 145 34.0 25.6 38.4





#31

Naphthalene

Concen: 34.30 ng

RT: 11.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

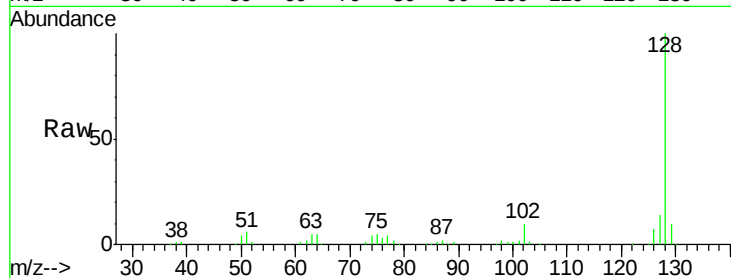
Tgt Ion:128 Resp: 246052

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

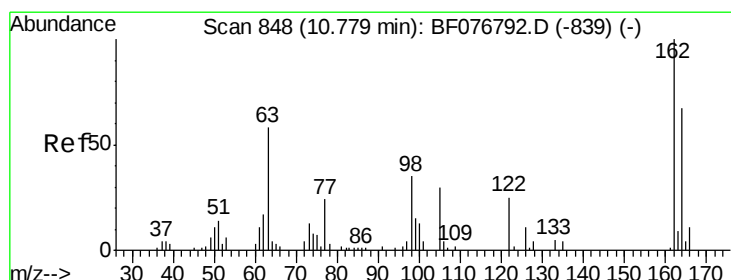
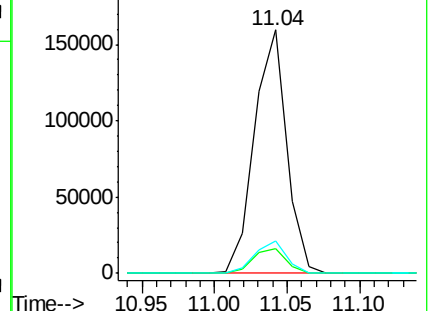
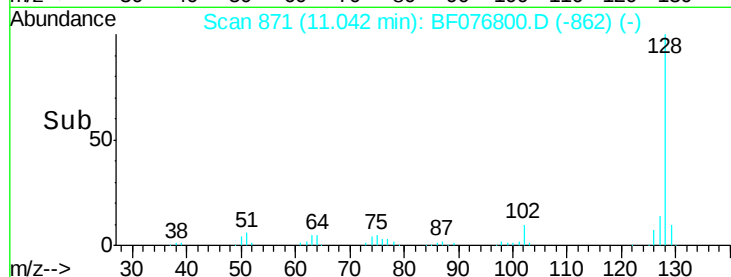
127 13.6 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.06 ng

RT: 10.79 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

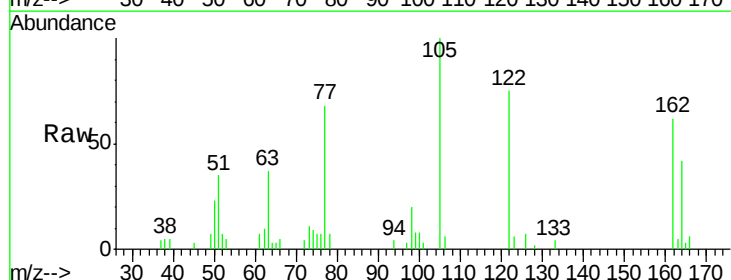
Tgt Ion:122 Resp: 27830

Ion Ratio Lower Upper

122 100

105 132.8 101.8 141.8

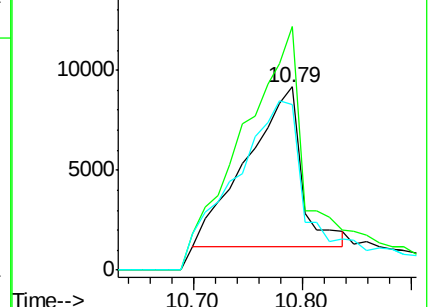
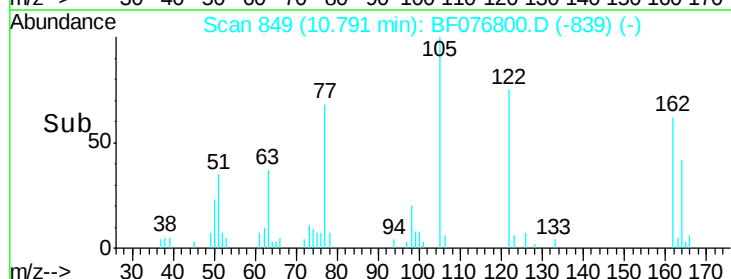
77 90.3 76.0 116.0

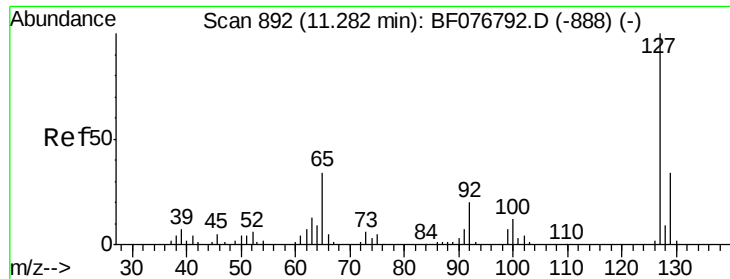


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

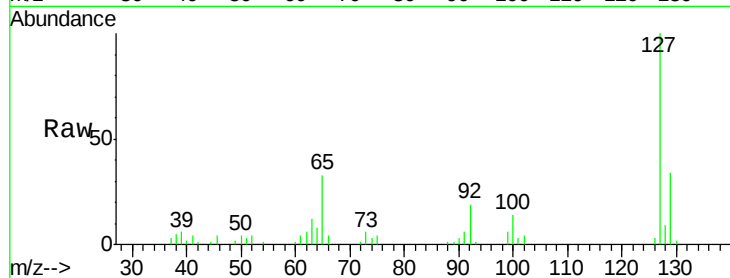




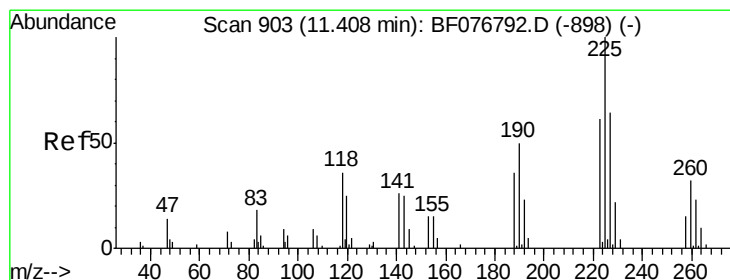
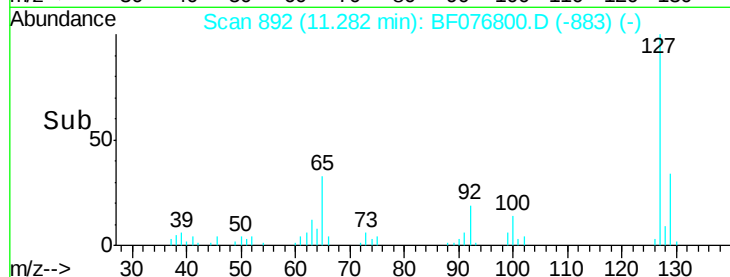
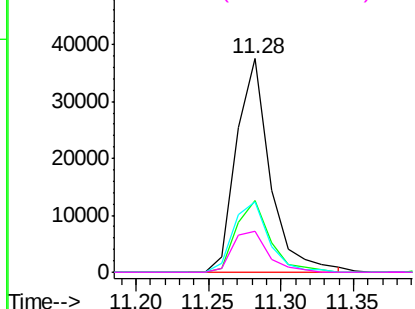
#33
4-Chloroaniline
Concen: 21.26 ng
RT: 11.28 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion:	127	Resp:	60738
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.0	40.4
65	33.1	27.2	40.8
92	18.9	16.0	24.0

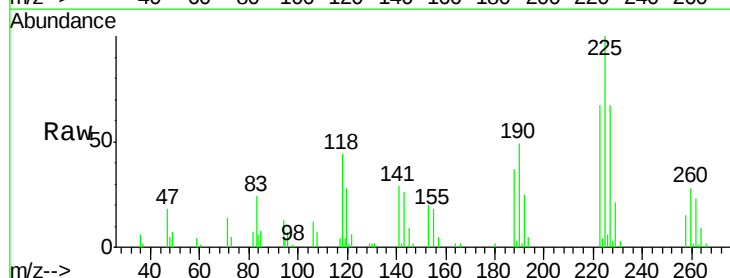


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

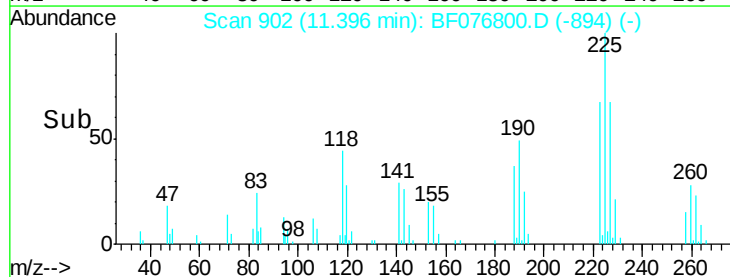
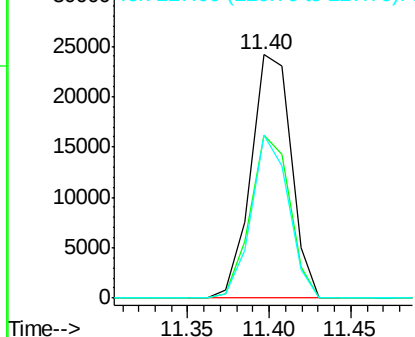


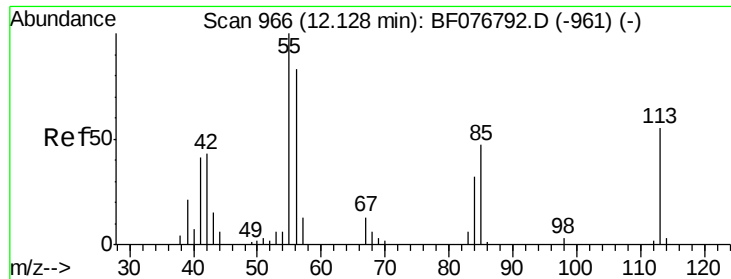
#34
Hexachlorobutadiene
Concen: 34.50 ng
RT: 11.40 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:	225	Resp:	41535
Ion	Ratio	Lower	Upper
225	100		
223	66.7	48.7	73.1
227	67.1	51.4	77.2



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

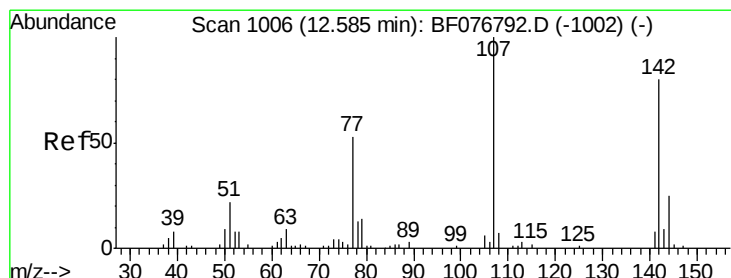
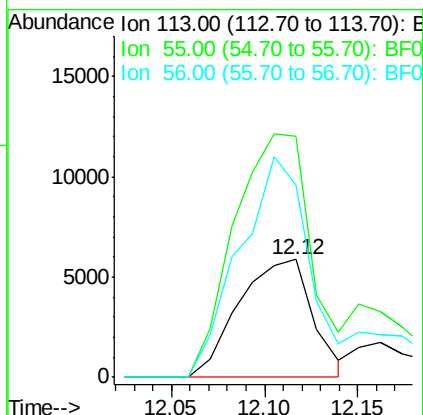
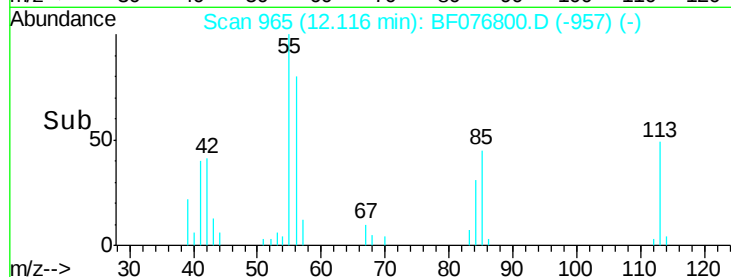
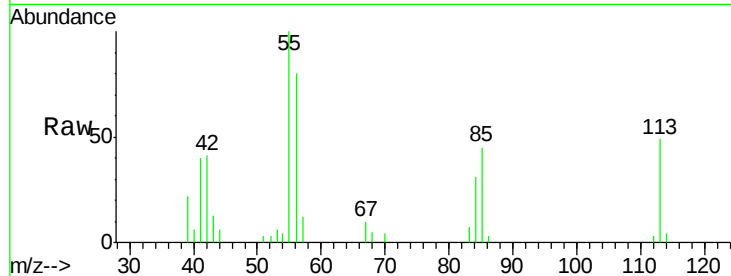




#35
 Caprolactam
 Concen: 29.06 ng
 RT: 12.12 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

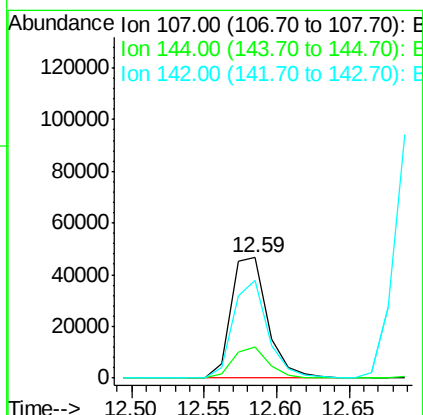
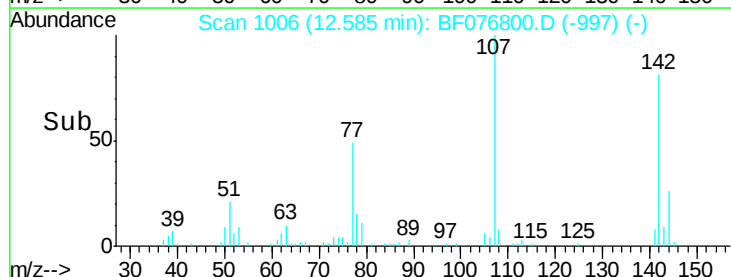
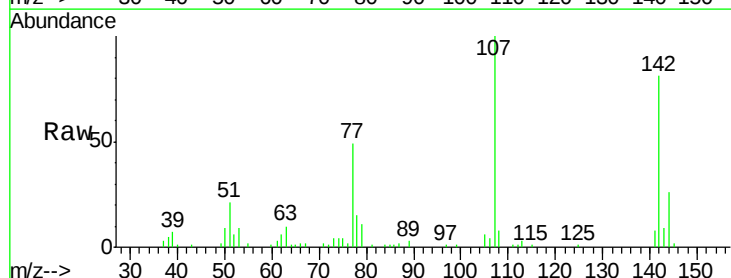
Instrument :
 BNA_F
 ClientSampleID :
 PB81273BS

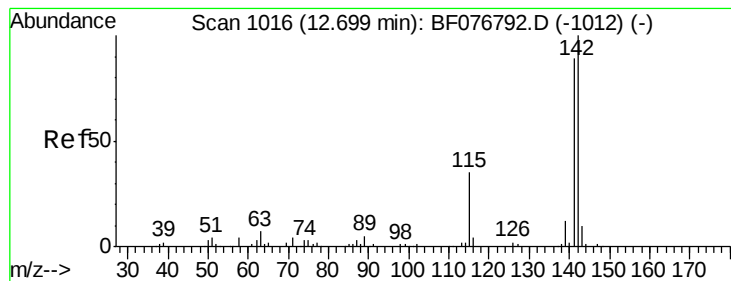
Tgt Ion:113 Resp: 16103
 Ion Ratio Lower Upper
 113 100
 55 204.6 173.2 213.2
 56 163.5 137.6 177.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.12 ng
 RT: 12.59 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:107 Resp: 81816
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.8 29.8
 142 81.0 64.0 96.0





#37

2-Methylnaphthalene

Concen: 35.83 ng

RT: 12.70 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

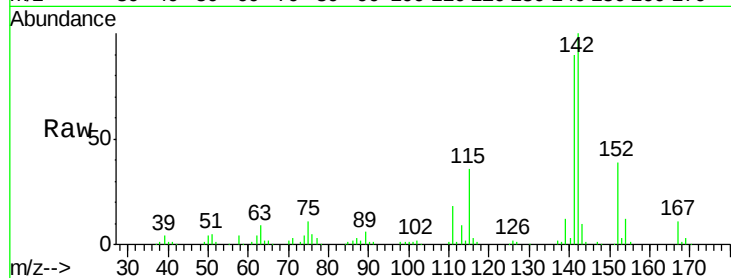
Tgt Ion:142 Resp: 181023

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.4

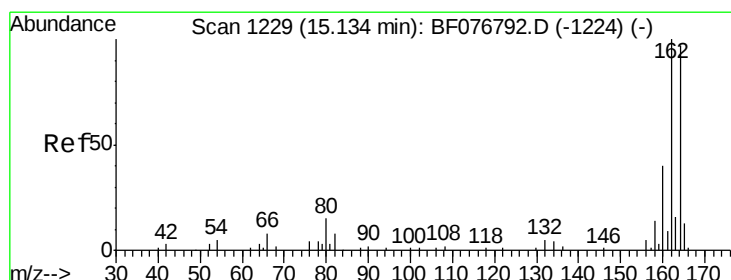
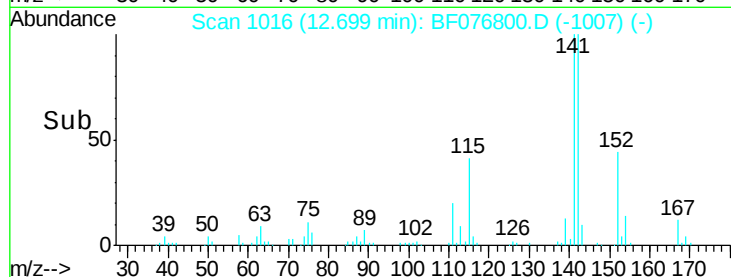
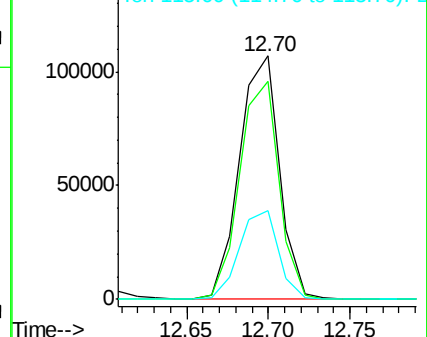
115 36.3 28.2 42.2



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: 15.13 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

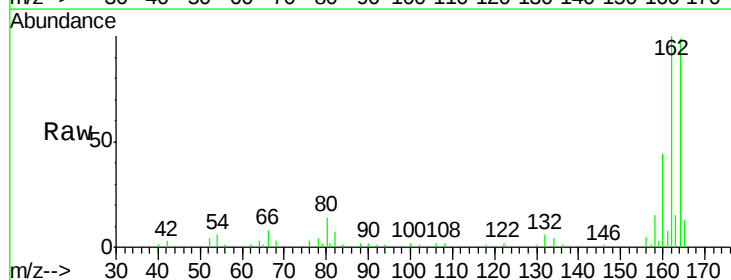
Tgt Ion:164 Resp: 79096

Ion Ratio Lower Upper

164 100

162 100.8 82.5 123.7

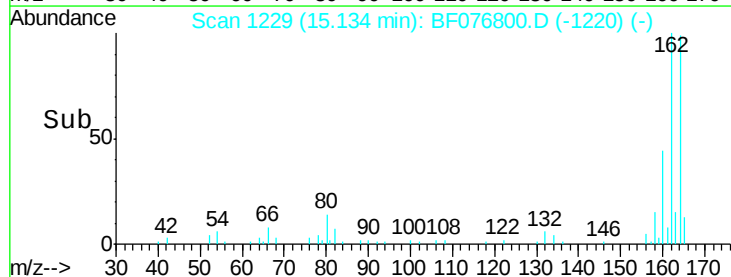
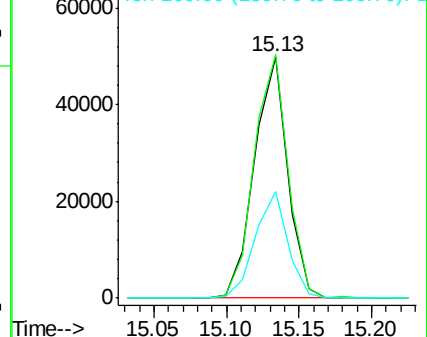
160 44.1 33.1 49.7

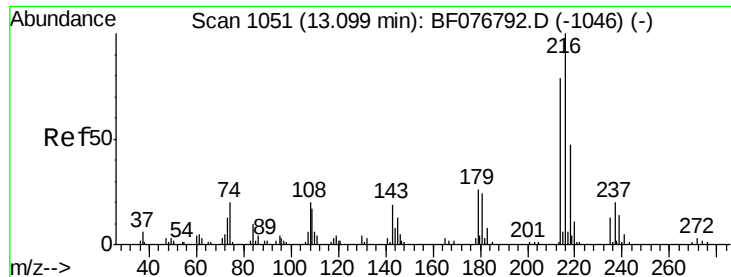


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.94 ng

RT: 13.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion:216 Resp: 71680

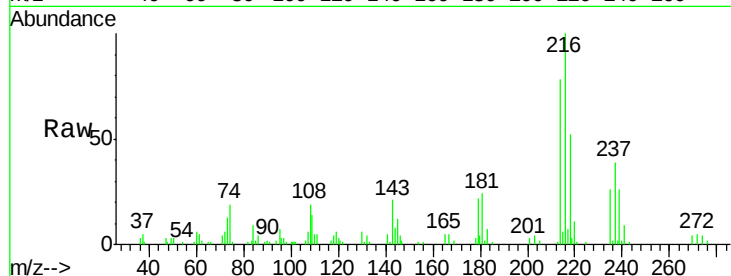
Ion Ratio Lower Upper

216 100

214 78.9 65.0 97.4

179 22.9 20.2 30.2

108 24.3 18.1 27.1

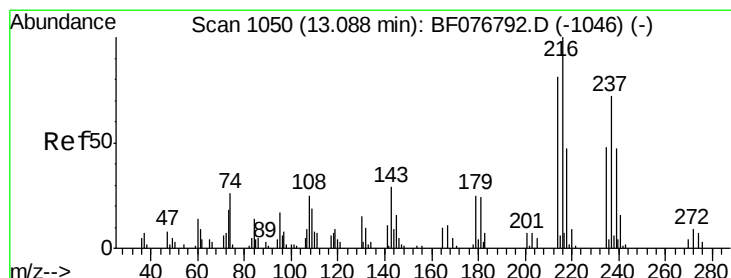
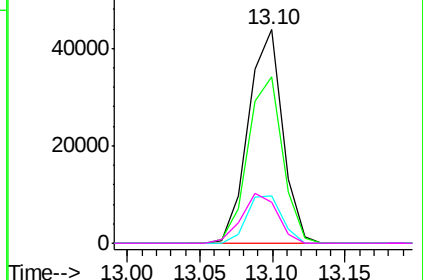
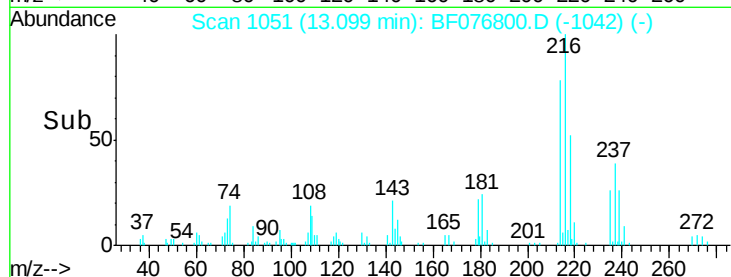


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.91 ng

RT: 13.09 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

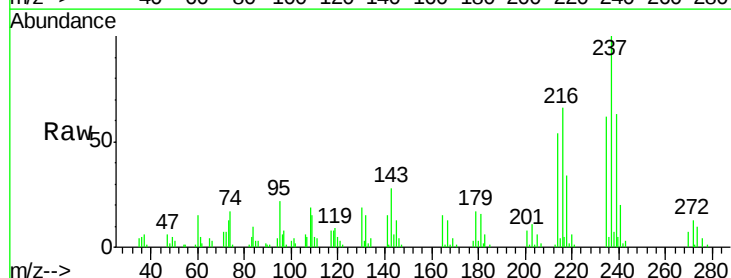
Tgt Ion:237 Resp: 77681

Ion Ratio Lower Upper

237 100

235 61.8 46.3 86.3

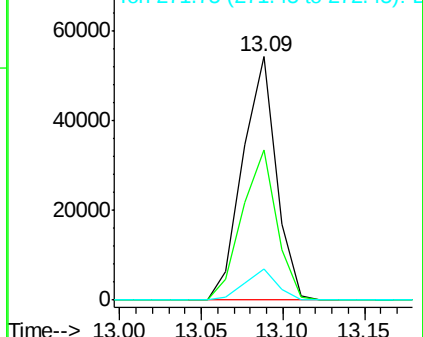
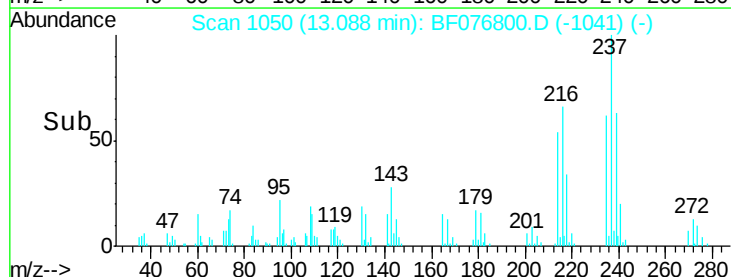
272 12.5 0.0 32.4

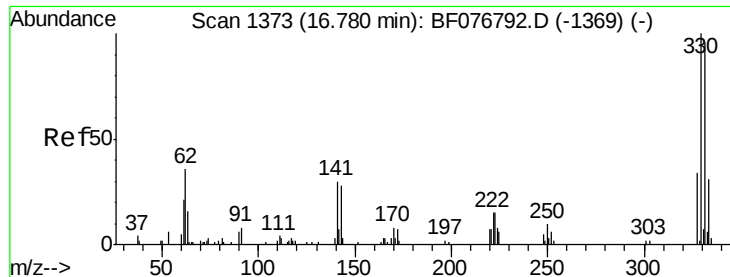


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

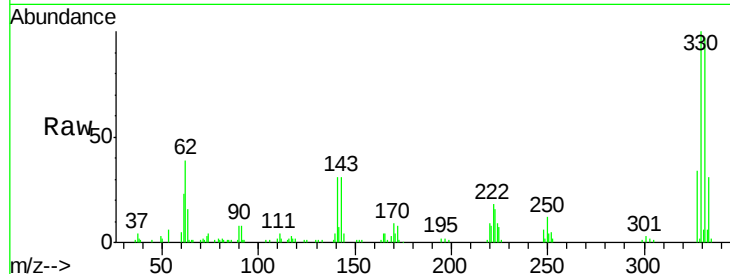




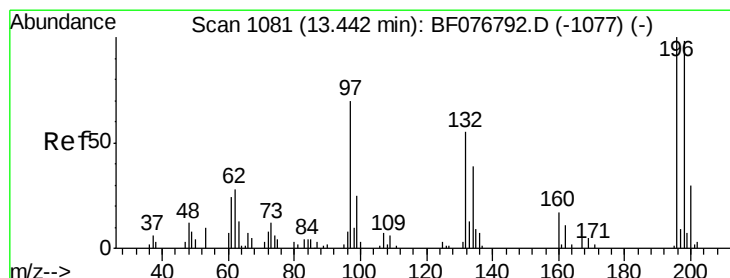
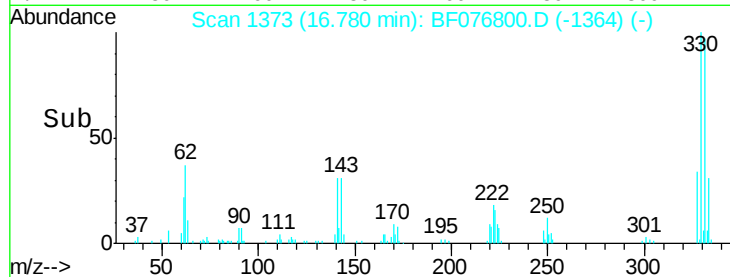
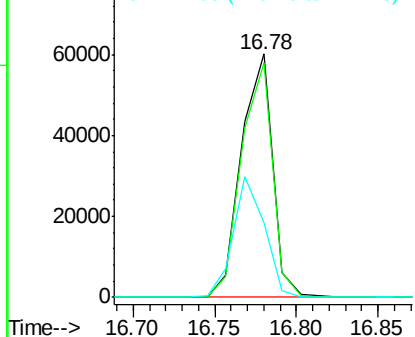
#41
 2,4,6-Tribromophenol
 Concen: 117.70 ng
 RT: 16.78 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:330 Resp: 79771
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.8 112.2
 141 49.5 42.4 63.6

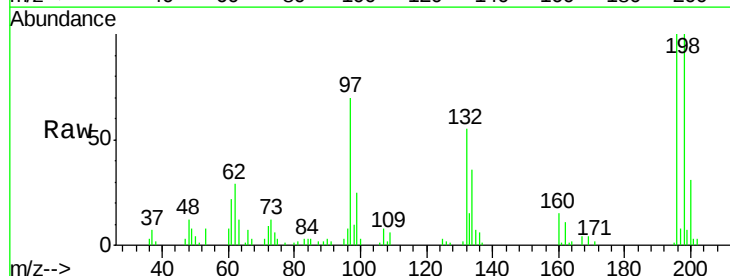


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

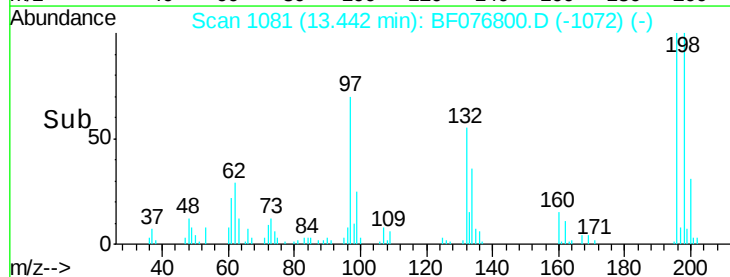
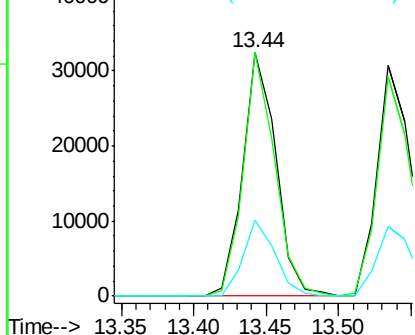


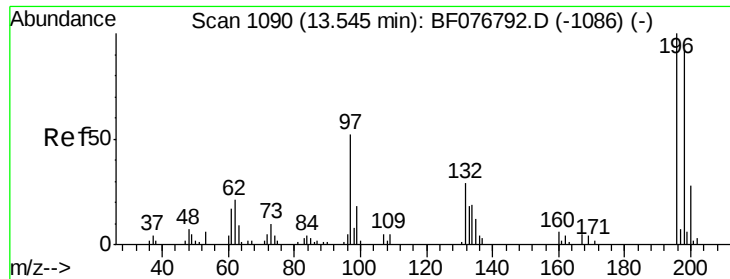
#42
 2,4,6-Trichlorophenol
 Concen: 35.40 ng
 RT: 13.44 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:196 Resp: 51505
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.4 117.6
 200 31.2 24.4 36.6



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

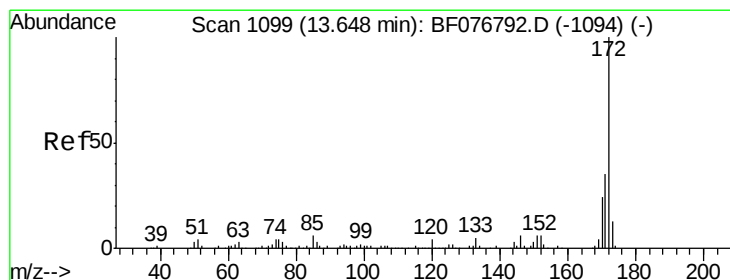
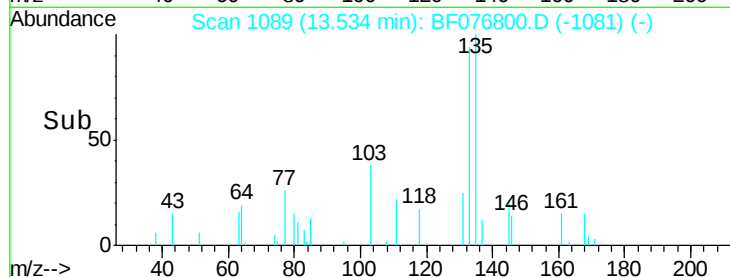
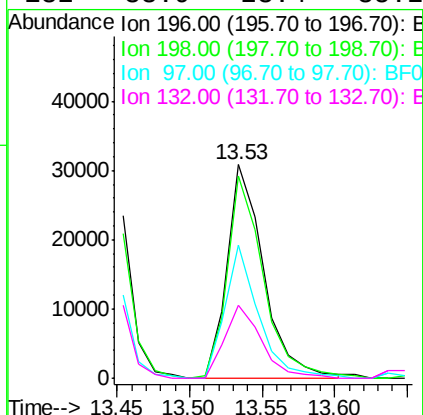
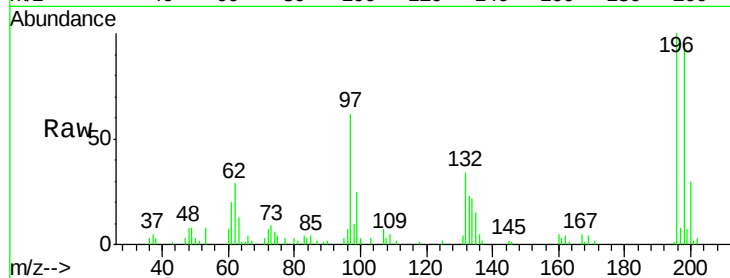




#43
 2,4,5-Trichlorophenol
 Concen: 34.82 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

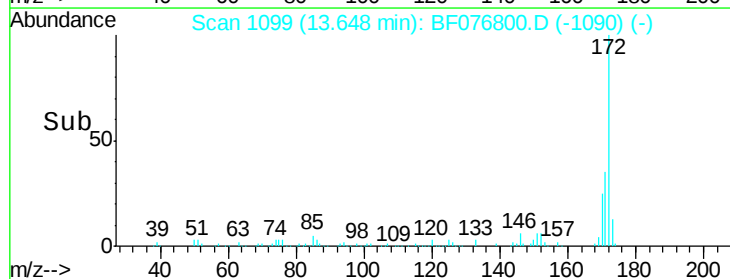
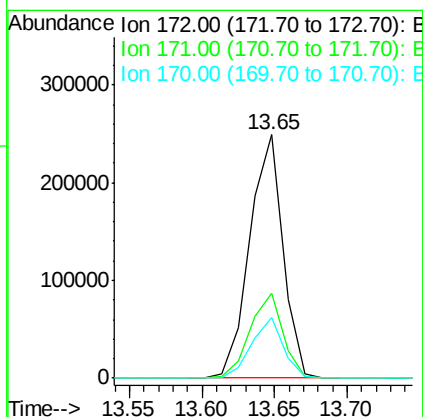
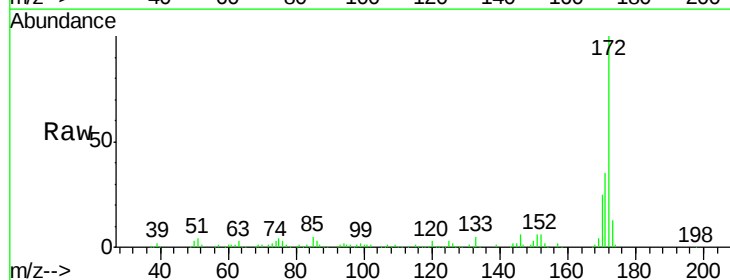
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

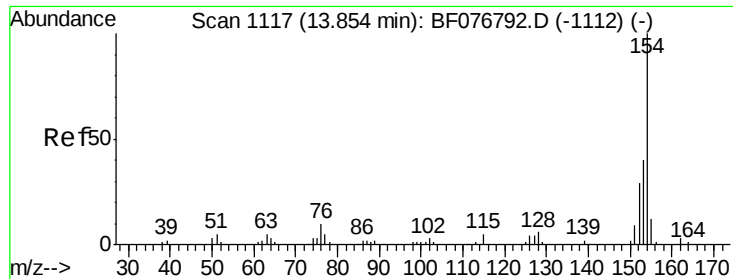
Tgt Ion:196 Resp: 54025
 Ion Ratio Lower Upper
 196 100
 198 94.8 73.8 110.8
 97 62.5 41.3 61.9#
 132 33.9 23.4 35.2



#44
 2-Fluorobiphenyl
 Concen: 72.63 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:172 Resp: 394786
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 24.7 18.8 28.2

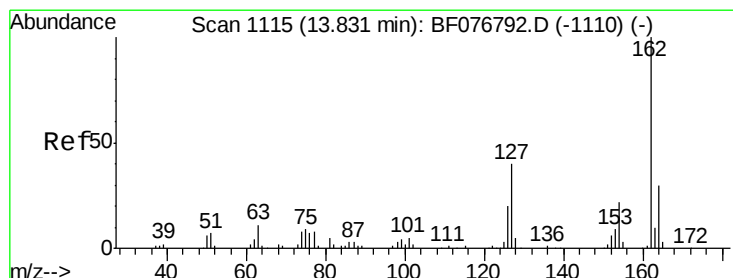
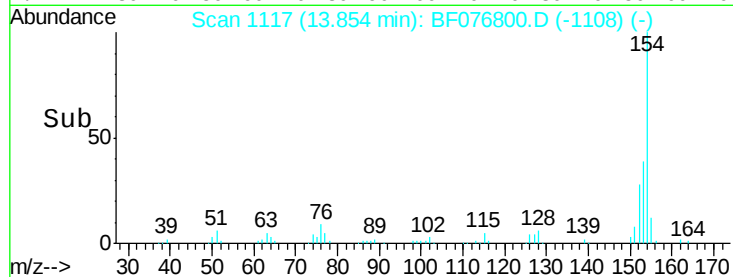
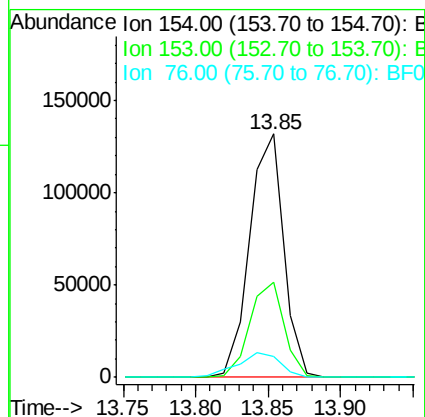
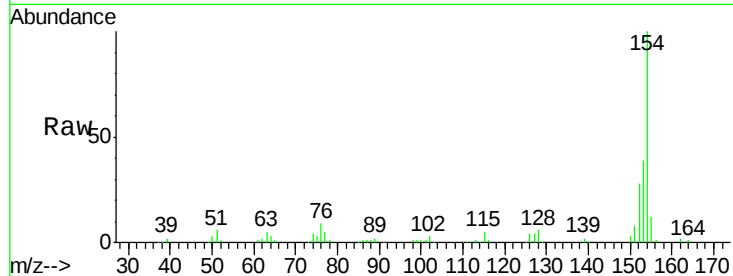




#45
 1,1'-Biphenyl
 Concen: 34.78 ng
 RT: 13.85 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

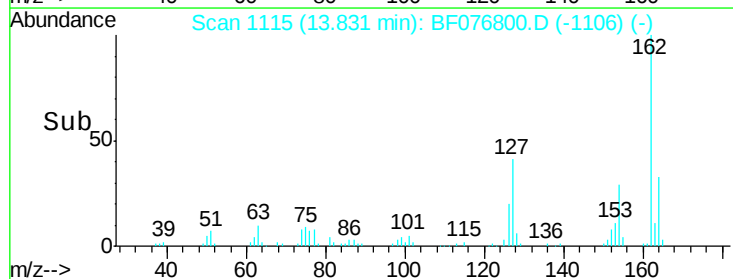
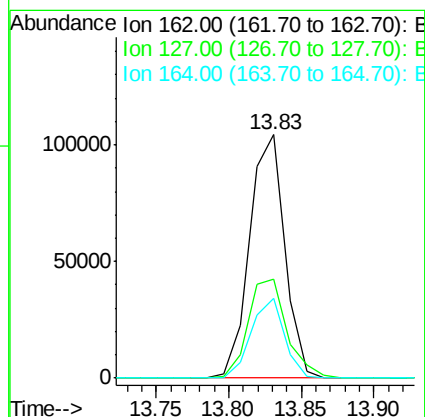
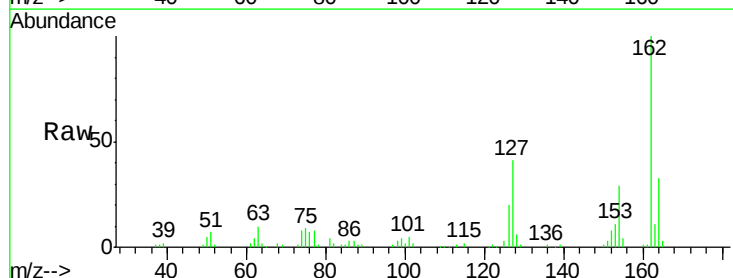
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

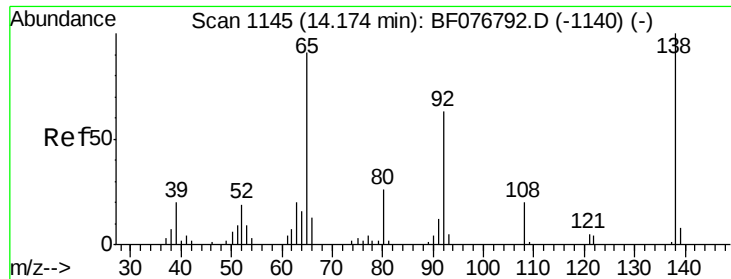
Tgt Ion:154 Resp: 214958
 Ion Ratio Lower Upper
 154 100
 153 39.3 19.9 59.9
 76 8.8 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 35.26 ng
 RT: 13.83 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:162 Resp: 175457
 Ion Ratio Lower Upper
 162 100
 127 40.8 31.8 47.6
 164 32.6 24.1 36.1

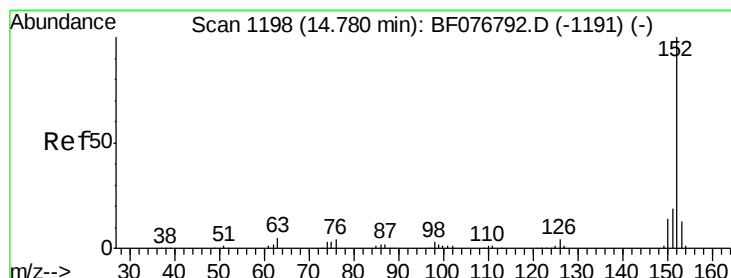
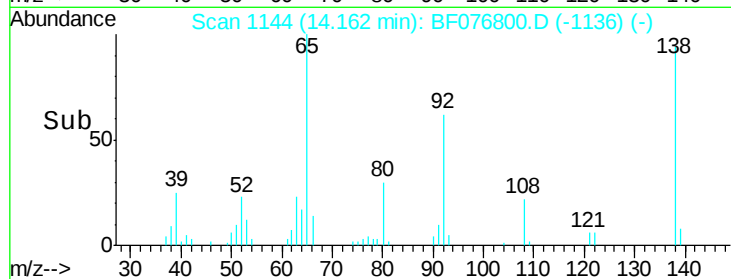
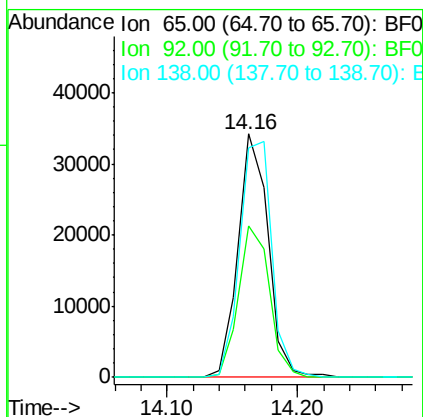
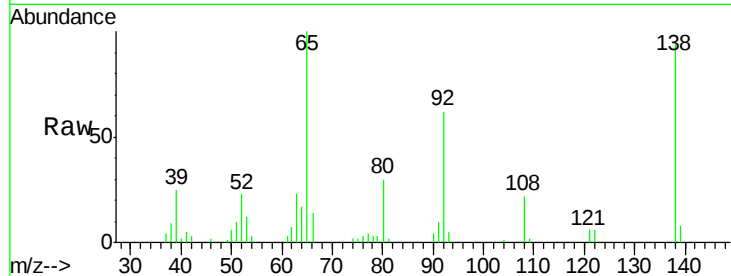




#47
2-Nitroaniline
Concen: 35.84 ng
RT: 14.16 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

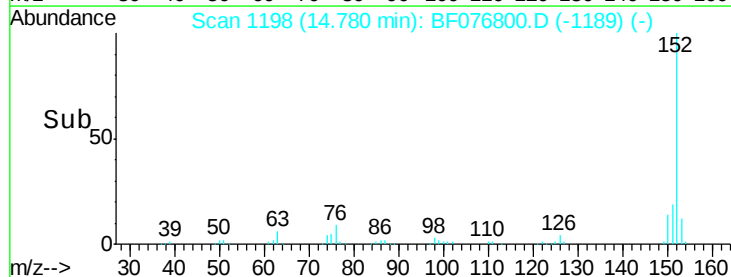
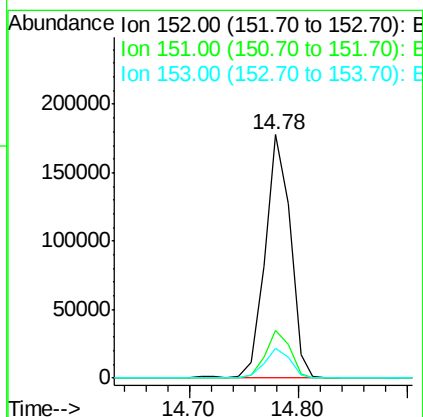
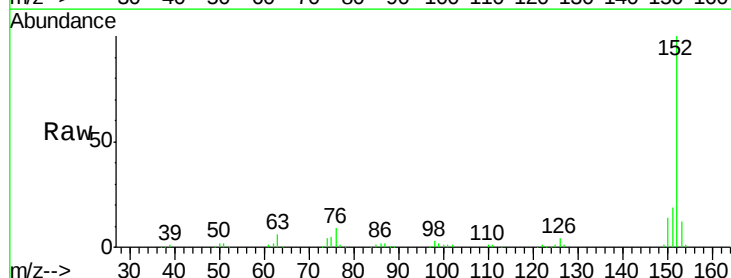
Instrument :
BNA_F
ClientSampleId :
PB81273BS

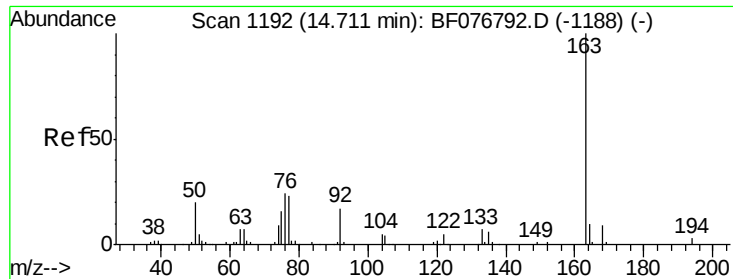
Tgt Ion: 65 Resp: 54794
Ion Ratio Lower Upper
65 100
92 62.2 56.0 84.0
138 94.2 88.2 132.4



#48
Acenaphthylene
Concen: 34.16 ng
RT: 14.78 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion: 152 Resp: 288736
Ion Ratio Lower Upper
152 100
151 19.4 15.2 22.8
153 12.5 10.5 15.7





#49

Dimethylphthalate

Concen: 37.15 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

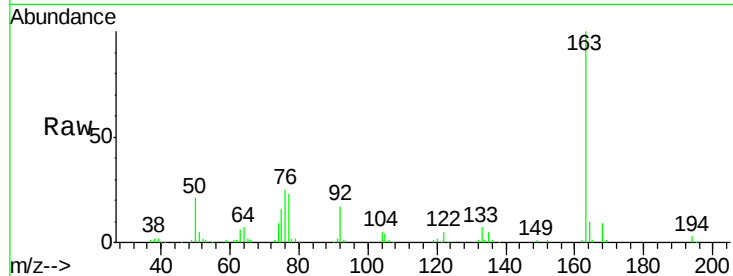
Tgt Ion:163 Resp: 215775

Ion Ratio Lower Upper

163 100

194 2.6 2.3 3.5

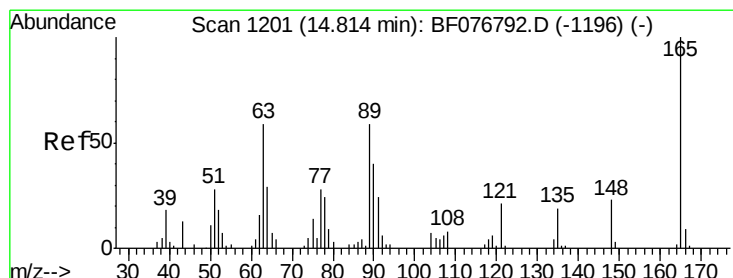
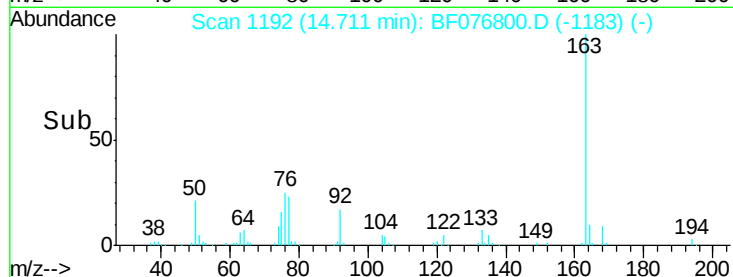
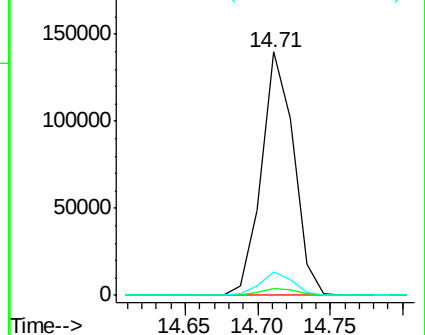
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.29 ng

RT: 14.81 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

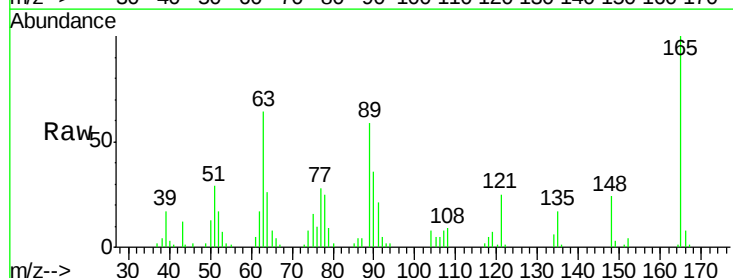
Tgt Ion:165 Resp: 44226

Ion Ratio Lower Upper

165 100

63 64.3 49.8 74.8

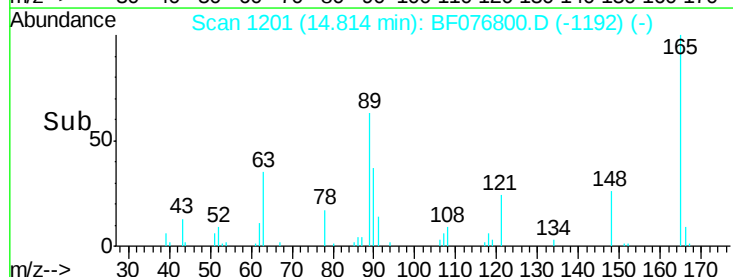
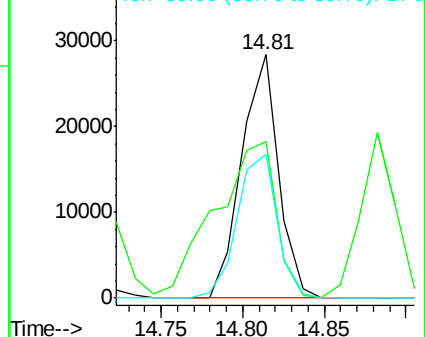
89 59.2 46.8 70.2

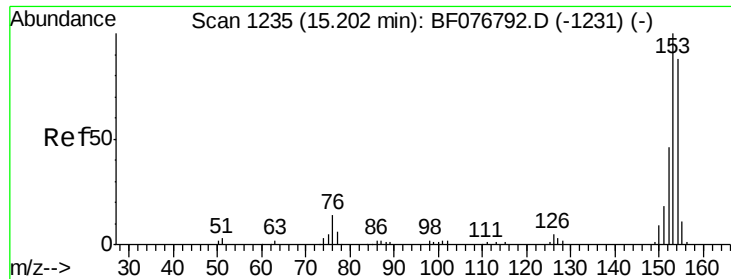


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.56 ng

RT: 15.20 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

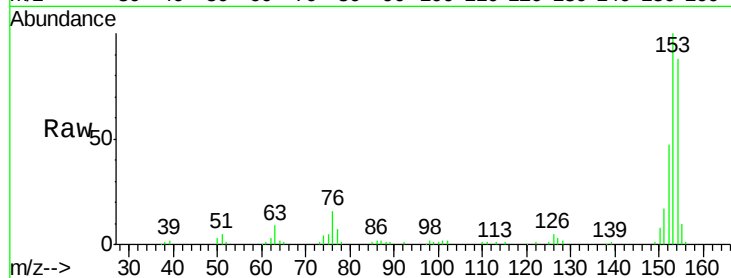
Tgt Ion:154 Resp: 160223

Ion Ratio Lower Upper

154 100

153 114.2 91.0 136.6

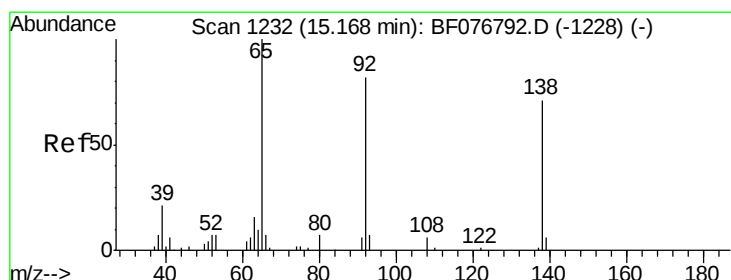
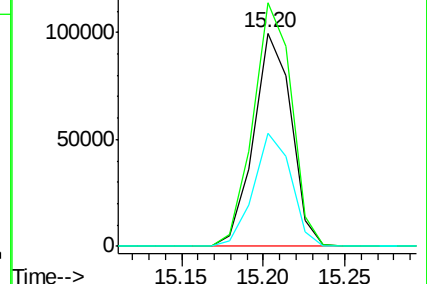
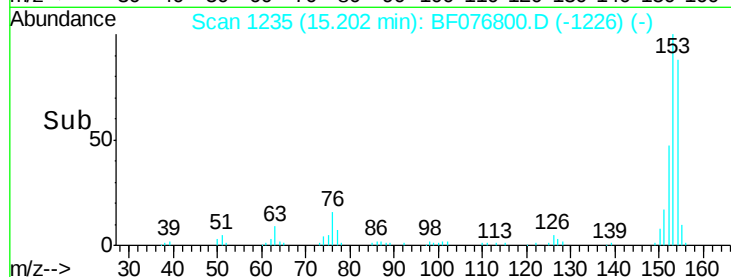
152 53.2 42.2 63.2



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: 25.55 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

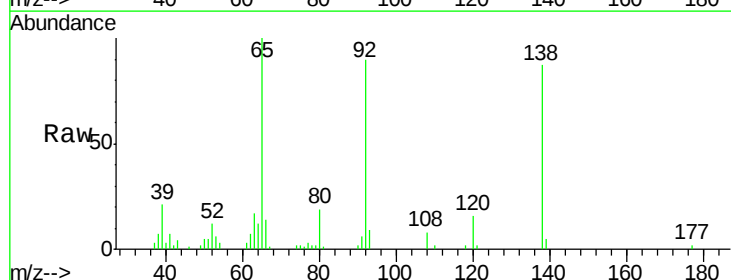
Tgt Ion:138 Resp: 35597

Ion Ratio Lower Upper

138 100

108 9.3 8.6 13.0

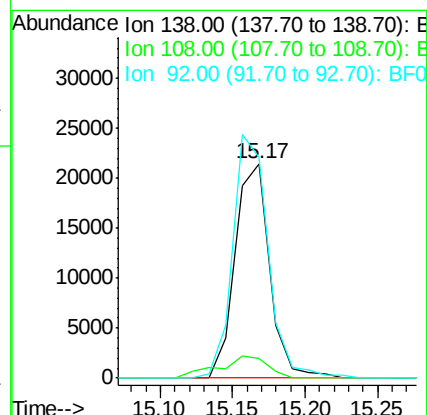
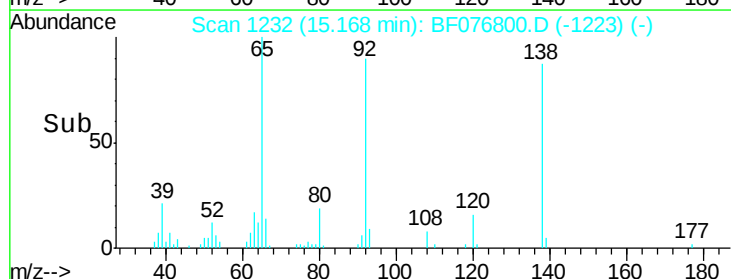
92 103.0 92.0 138.0

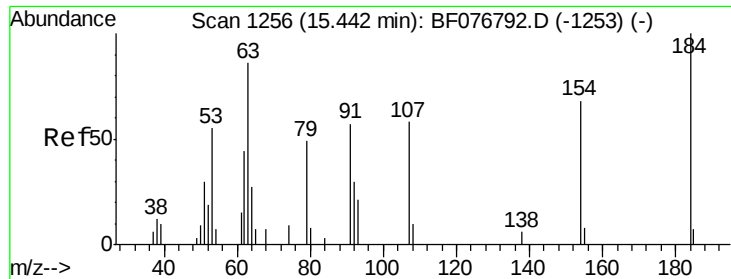


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

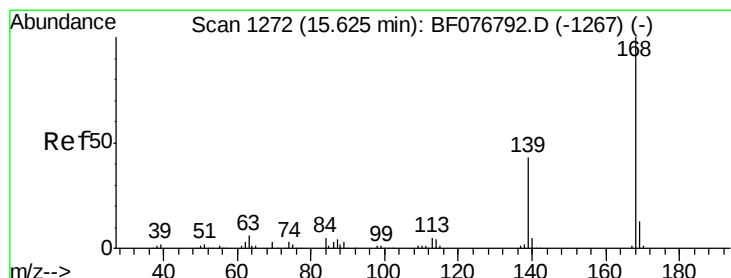
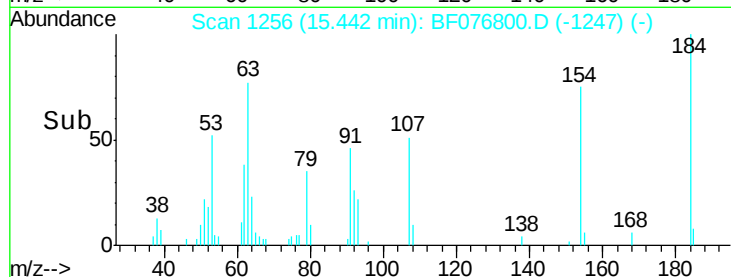
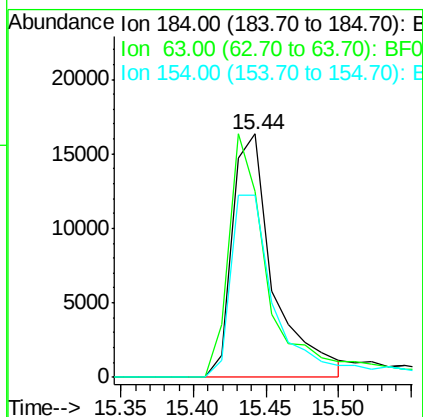
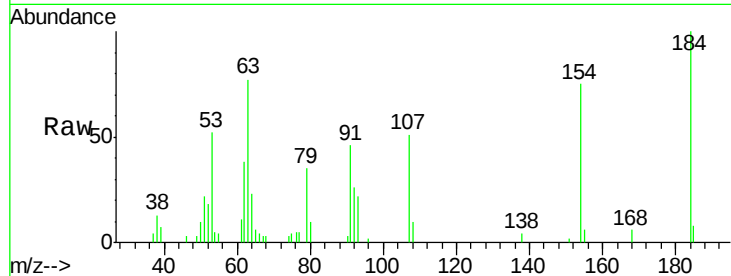




#53
 2,4-Dinitrophenol
 Concen: 72.72 ng
 RT: 15.44 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

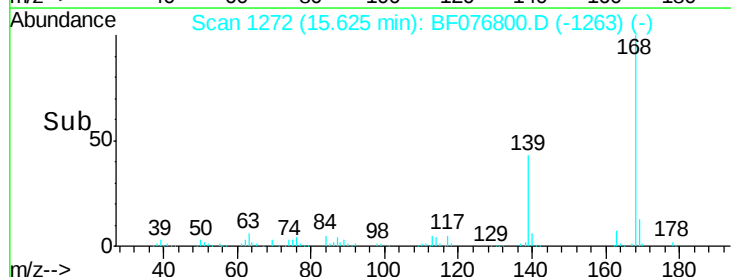
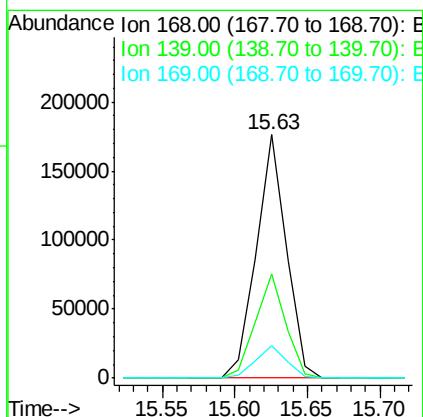
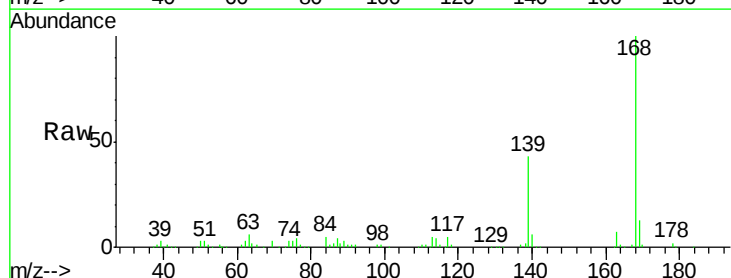
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

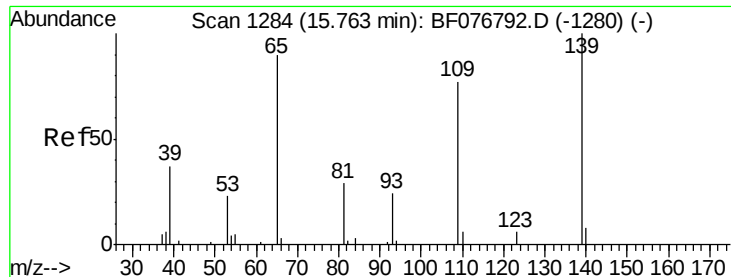
Tgt Ion:184 Resp: 32184
 Ion Ratio Lower Upper
 184 100
 63 76.6 68.6 102.8
 154 75.0 54.8 82.2



#54
 Dibenzofuran
 Concen: 36.56 ng
 RT: 15.63 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:168 Resp: 252595
 Ion Ratio Lower Upper
 168 100
 139 42.9 34.2 51.4
 169 13.5 10.5 15.7

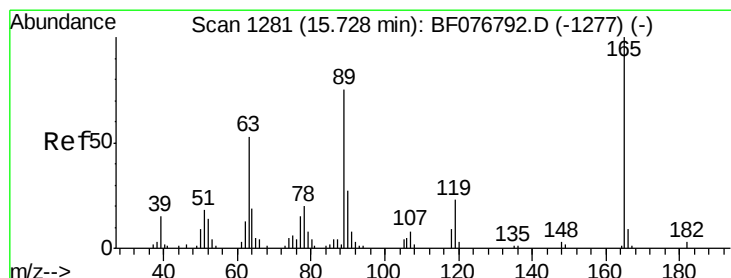
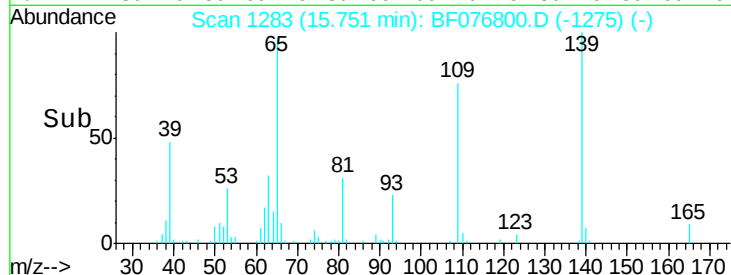
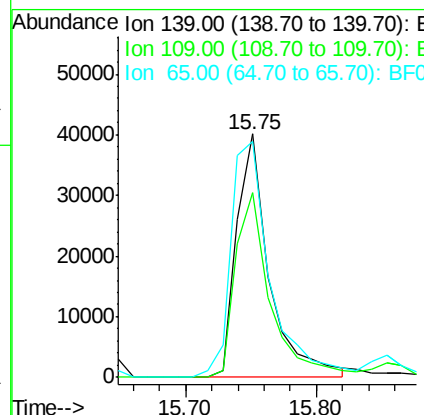
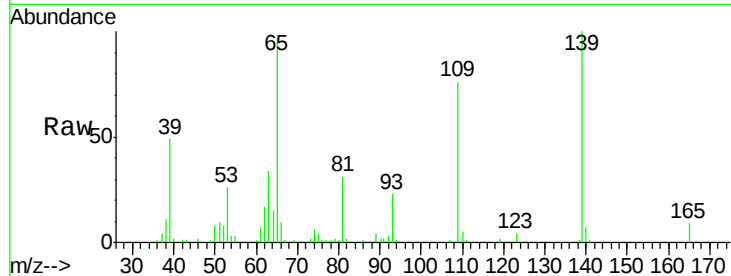




#55
4-Nitrophenol
Concen: 77.79 ng
RT: 15.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

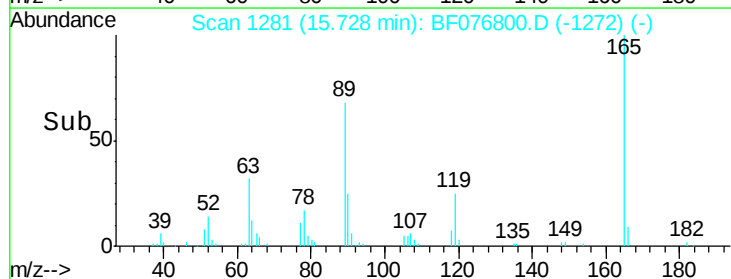
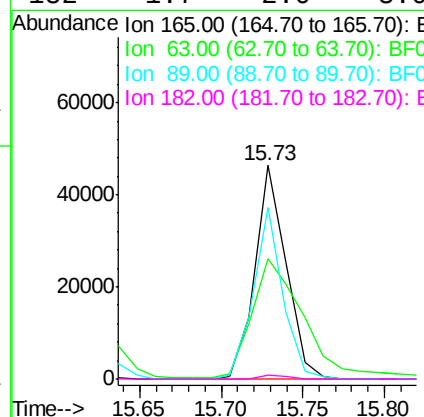
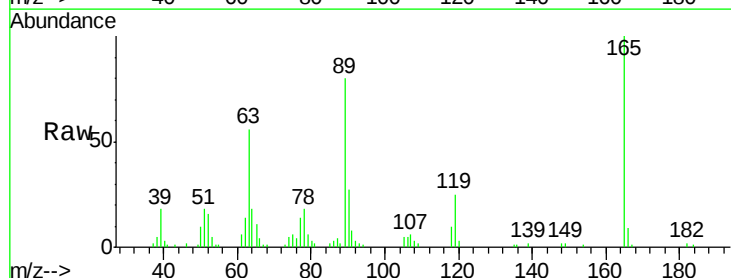
Instrument :
BNA_F
ClientSampleId :
PB81273BS

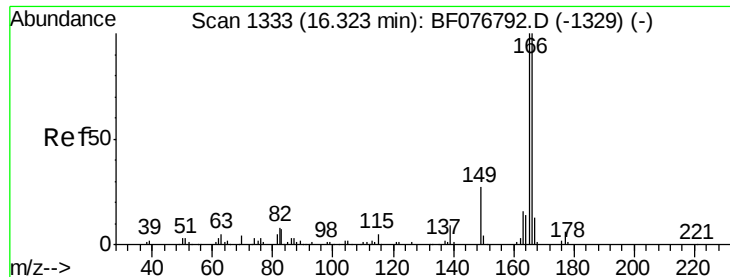
Tgt Ion:139 Resp: 69765
Ion Ratio Lower Upper
139 100
109 76.0 57.5 97.5
65 96.7 77.3 117.3



#56
2,4-Dinitrotoluene
Concen: 37.95 ng
RT: 15.73 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:165 Resp: 61633
Ion Ratio Lower Upper
165 100
63 56.4 42.5 63.7
89 80.5 60.2 90.2
182 1.7 2.0 3.0#





#57

Fluorene

Concen: 34.83 ng

RT: 16.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

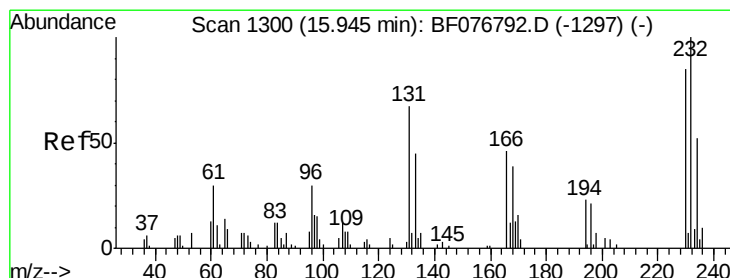
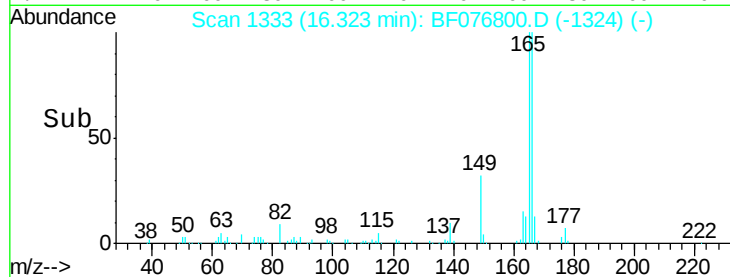
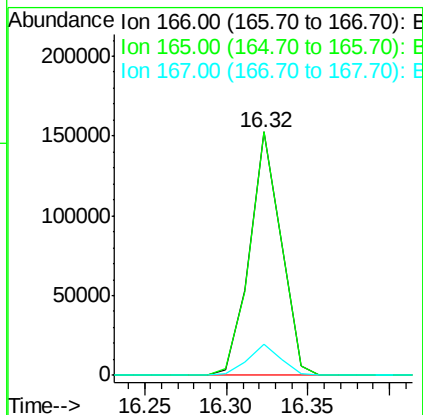
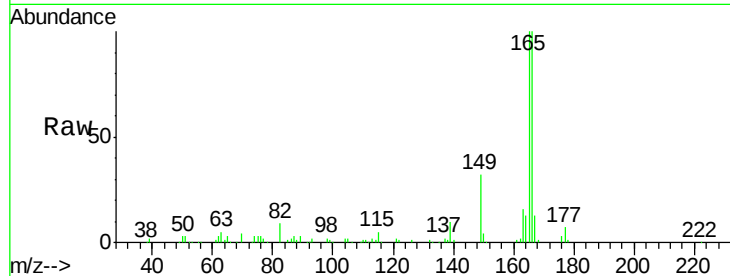
Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion:	166	Resp:	203116
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.6	119.4
167	13.0	10.2	15.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.27 ng

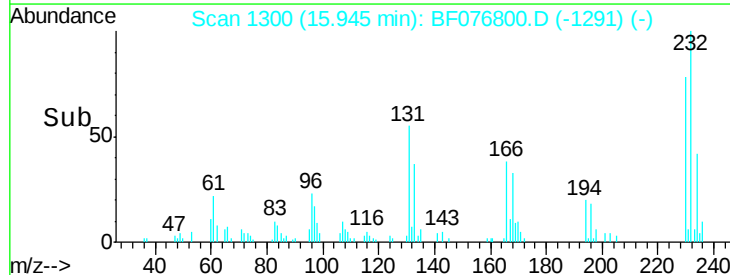
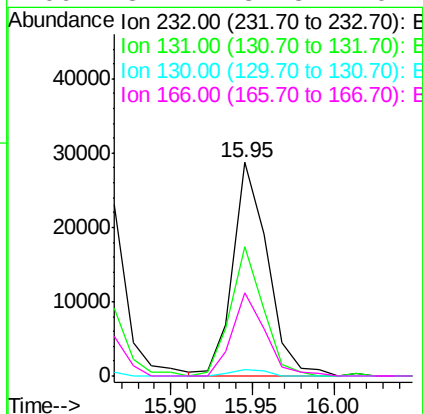
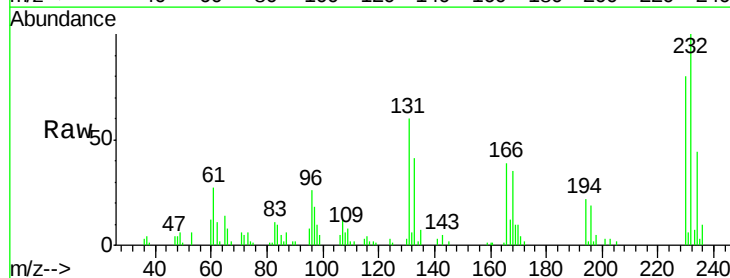
RT: 15.95 min Scan# 1300

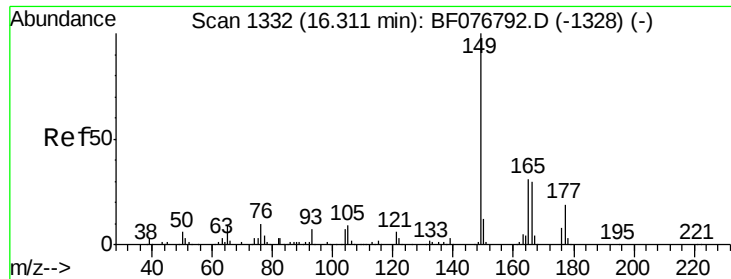
Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Tgt Ion:	232	Resp:	42363
Ion Ratio	Lower	Upper	
232	100		
131	57.2	49.4	74.0
130	3.0	2.4	3.6
166	37.1	32.8	49.2

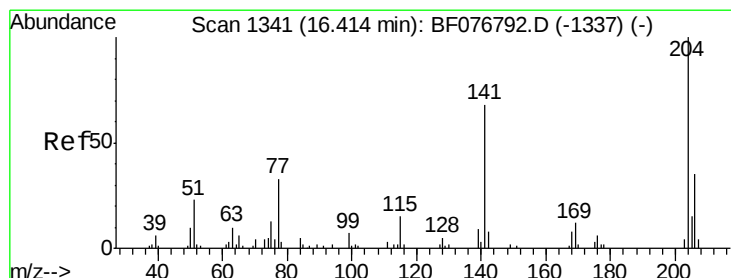
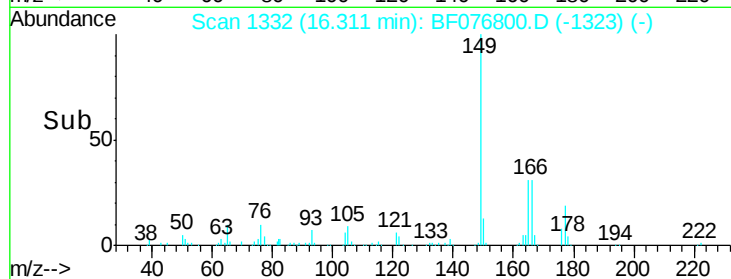
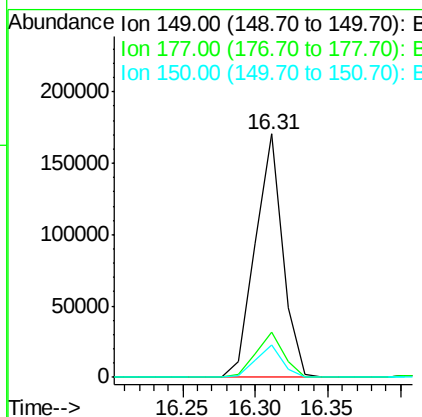
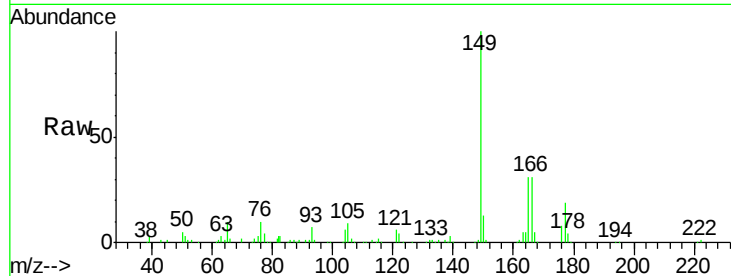




#59
Diethylphthalate
Concen: 37.18 ng
RT: 16.31 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

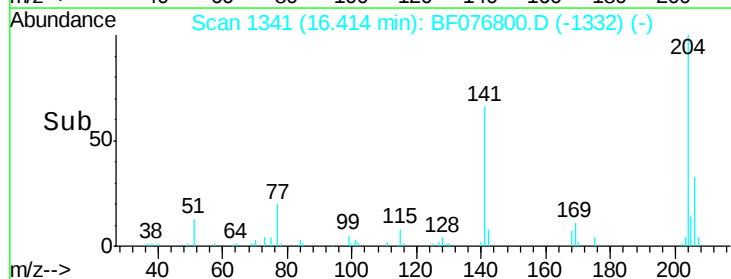
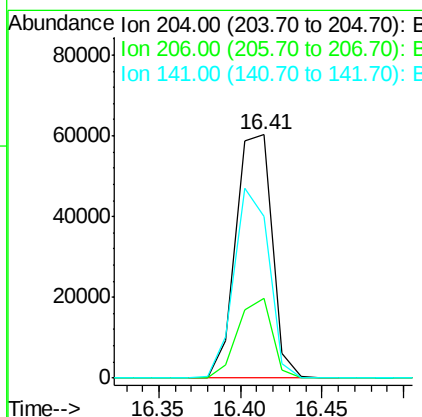
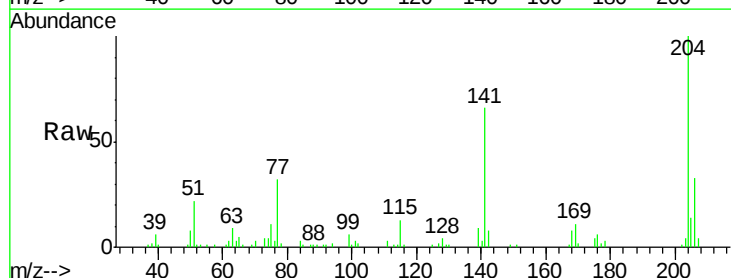
Instrument :
BNA_F
ClientSampleId :
PB81273BS

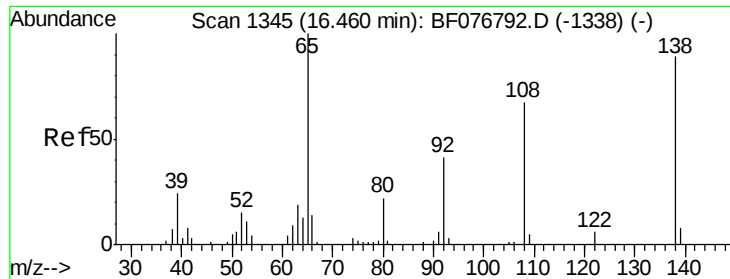
Tgt Ion:149 Resp: 224098
Ion Ratio Lower Upper
149 100
177 18.5 15.4 23.2
150 13.4 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 37.30 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:204 Resp: 92538
Ion Ratio Lower Upper
204 100
206 32.9 27.7 41.5
141 66.2 54.6 82.0

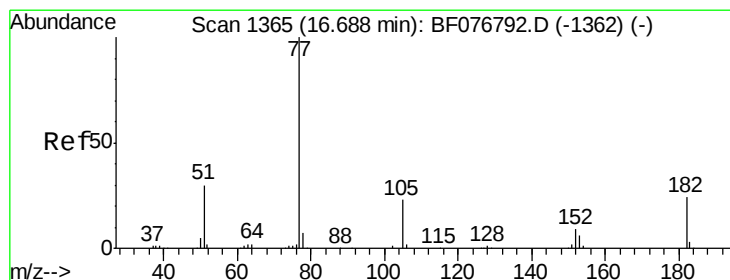
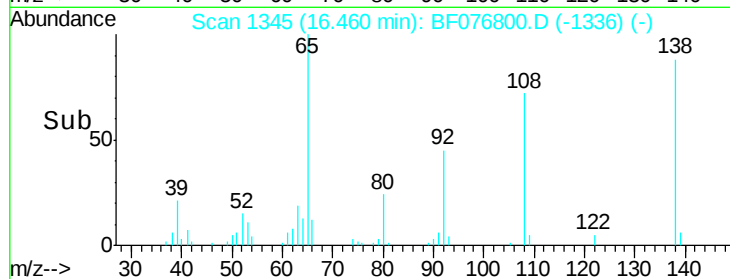
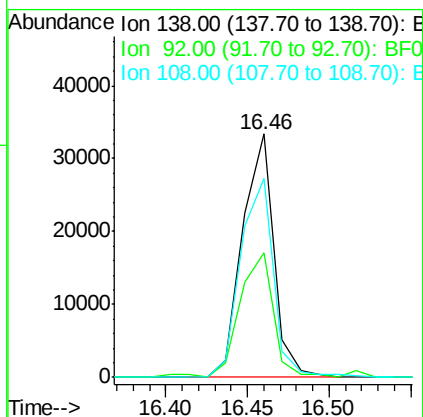
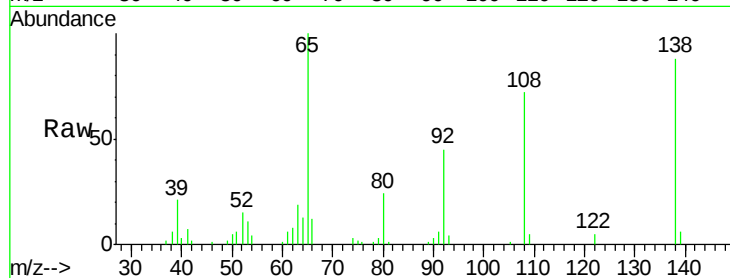




#61
4-Nitroaniline
Concen: 32.64 ng
RT: 16.46 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

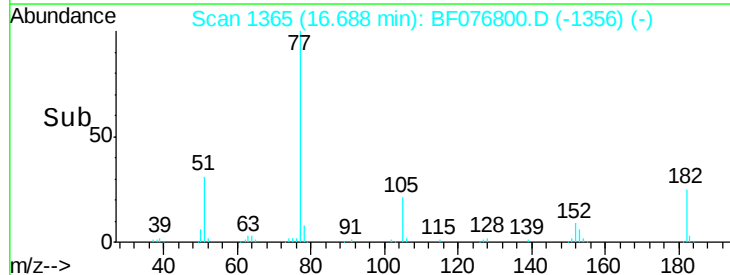
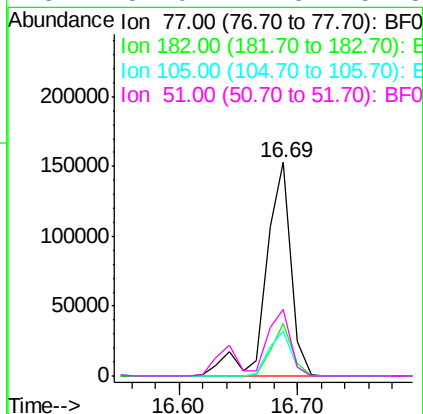
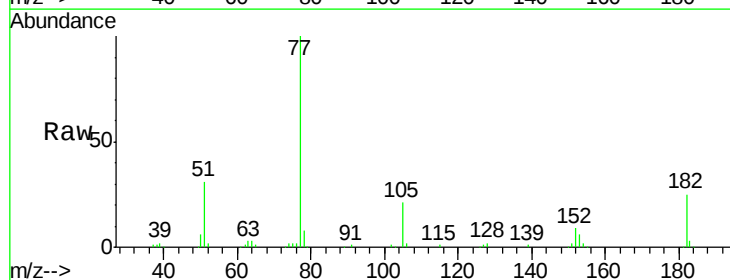
Instrument :
BNA_F
ClientSampleId :
PB81273BS

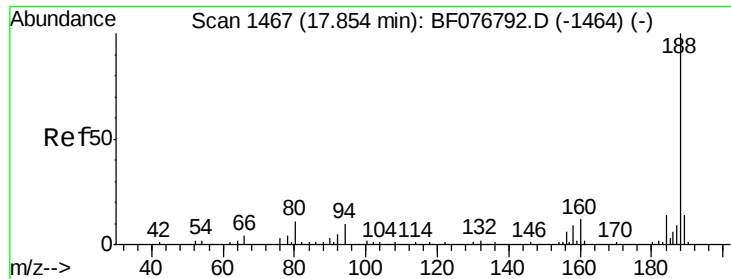
Tgt Ion:138 Resp: 44410
Ion Ratio Lower Upper
138 100
92 51.1 26.3 66.3
108 81.5 54.5 94.5



#62
Azobenzene
Concen: 35.82 ng
RT: 16.69 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion: 77 Resp: 223603
Ion Ratio Lower Upper
77 100
182 24.6 3.7 43.7
105 20.8 2.7 42.7
51 31.0 11.8 51.8

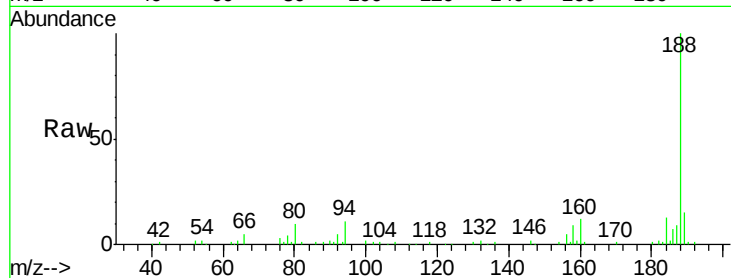




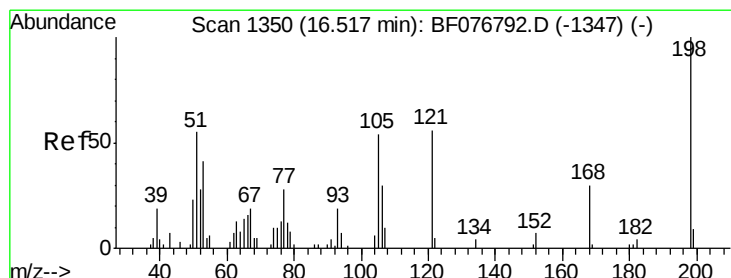
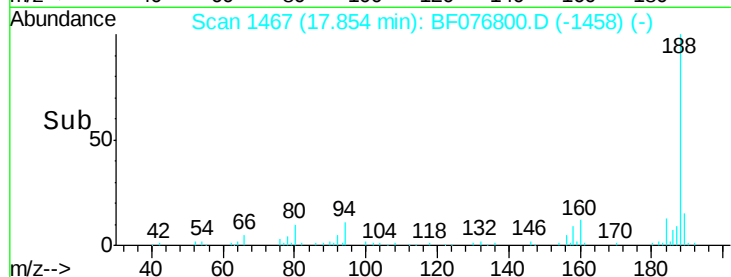
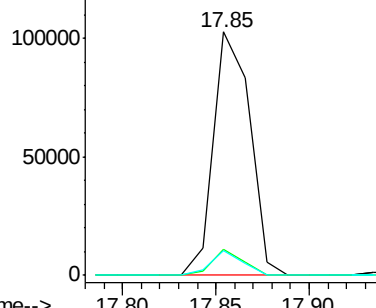
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion:188 Resp: 139509
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 10.0 8.6 13.0

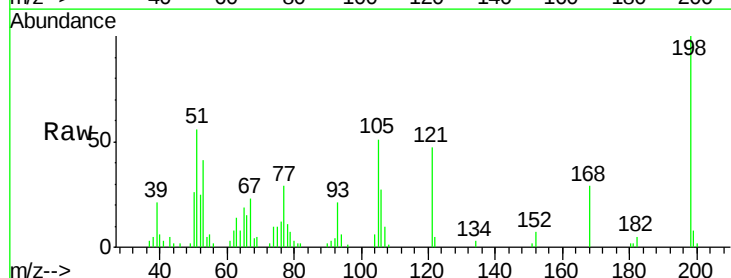


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

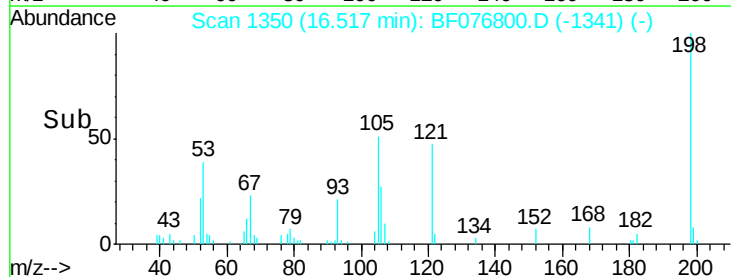
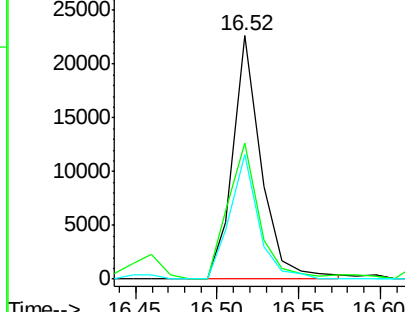


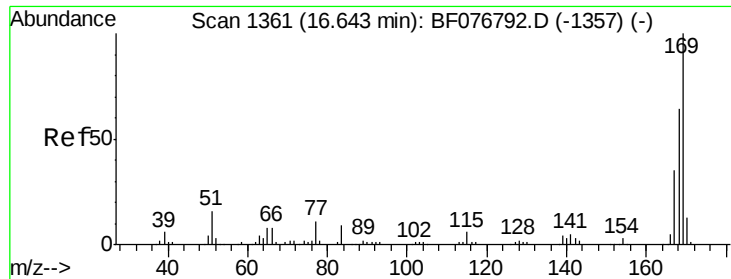
#64
4,6-Dinitro-2-methylphenol
Concen: 34.70 ng
RT: 16.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:198 Resp: 27465
Ion Ratio Lower Upper
198 100
51 55.7 35.2 75.2
105 51.3 34.2 74.2



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

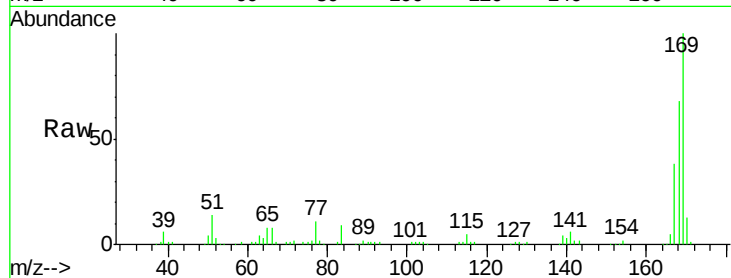




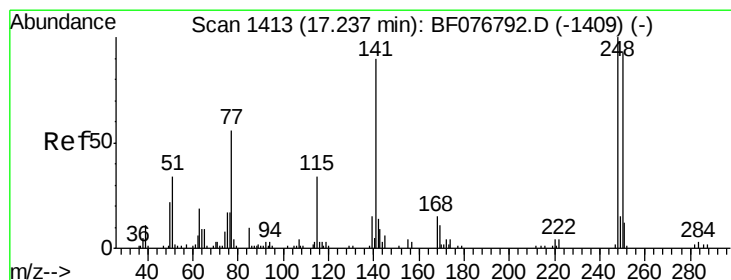
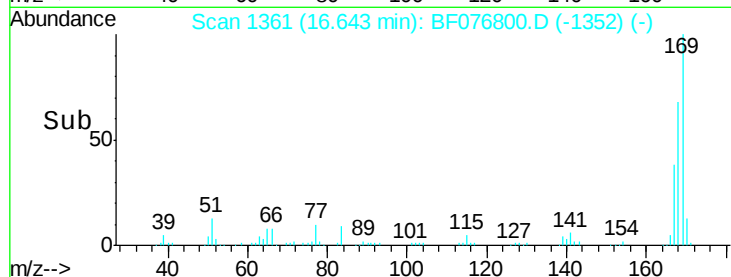
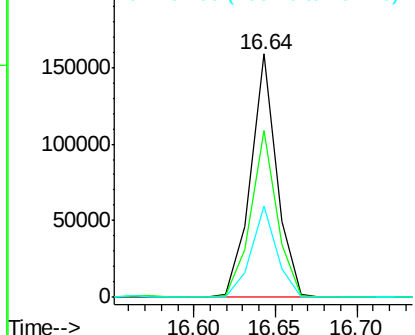
#65
 n-Nitrosodiphenylamine
 Concen: 34.36 ng
 RT: 16.64 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:169 Resp: 177028
 Ion Ratio Lower Upper
 169 100
 168 68.4 51.2 76.8
 167 37.6 28.2 42.2

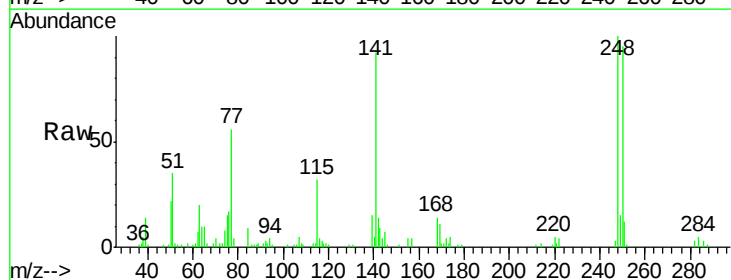


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

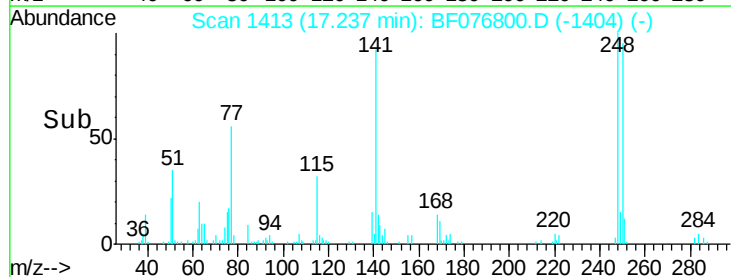
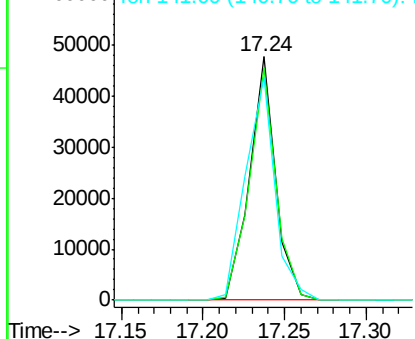


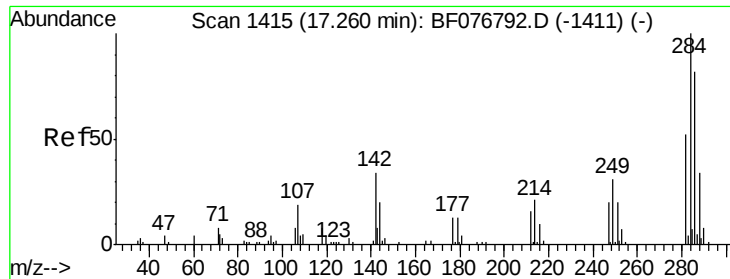
#66
 4-Bromophenyl-phenylether
 Concen: 35.73 ng
 RT: 17.24 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:248 Resp: 52893
 Ion Ratio Lower Upper
 248 100
 250 95.1 74.7 112.1
 141 91.6 71.8 107.6



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

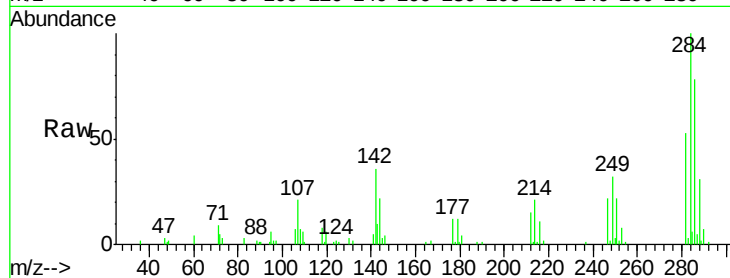




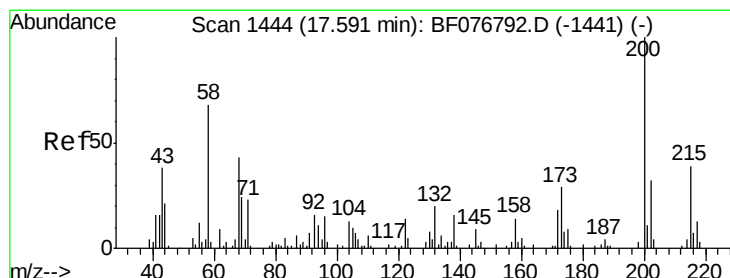
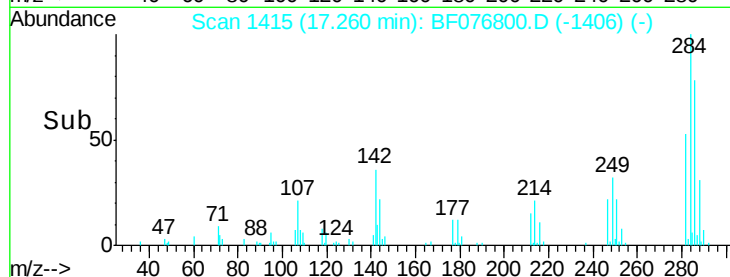
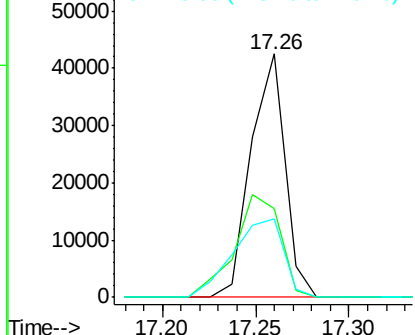
#67
Hexachlorobenzene
Concen: 34.33 ng
RT: 17.26 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Instrument :
BNA_F
ClientSampled :
PB81273BS

Tgt Ion:284 Resp: 53790
Ion Ratio Lower Upper
284 100
142 36.4 27.5 41.3
249 32.3 24.5 36.7

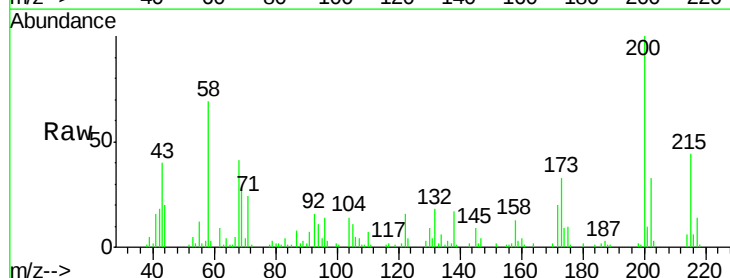


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

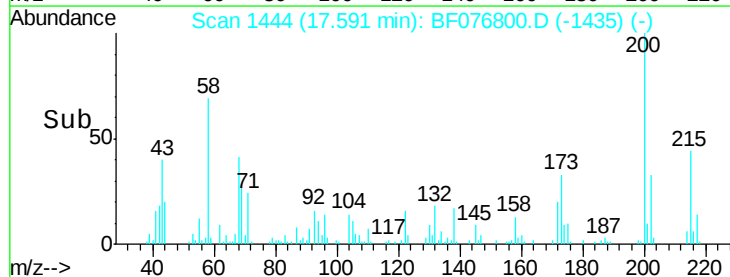
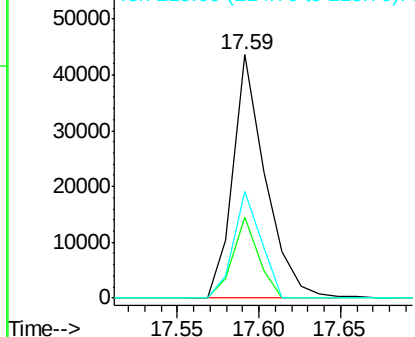


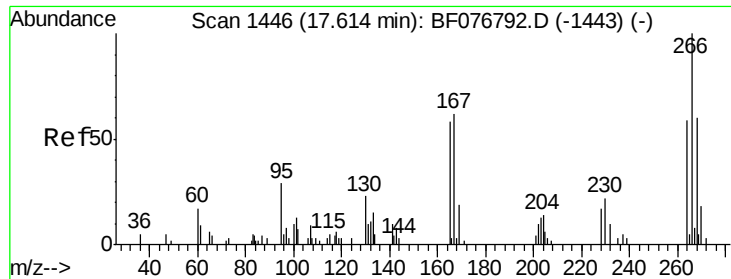
#68
Atrazine
Concen: 37.99 ng
RT: 17.59 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:200 Resp: 60461
Ion Ratio Lower Upper
200 100
173 33.2 9.2 49.2
215 43.6 19.2 59.2



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

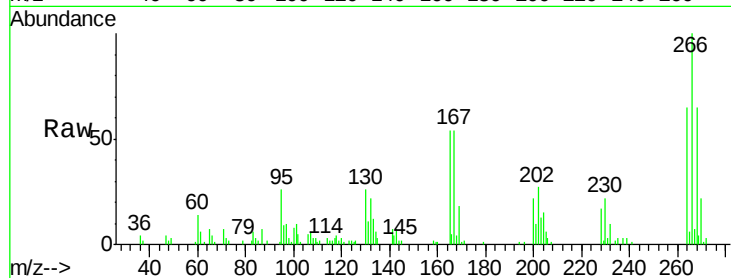




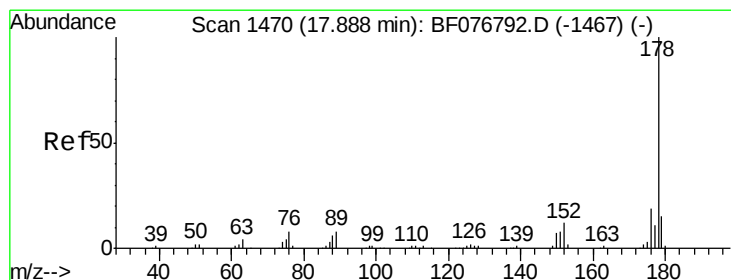
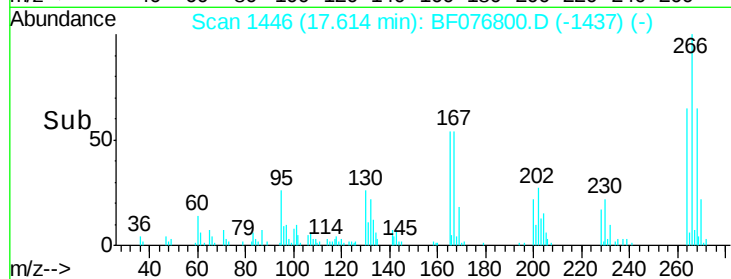
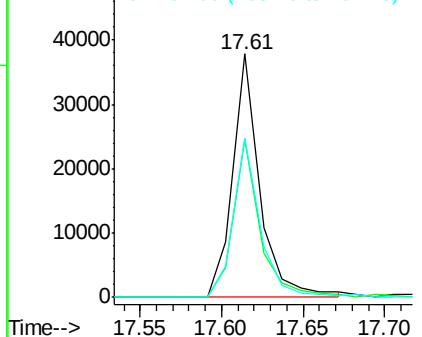
#69
 Pentachlorophenol
 Concen: 69.05 ng
 RT: 17.61 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion: 266 Resp: 43405
 Ion Ratio Lower Upper
 266 100
 268 65.0 48.1 72.1
 264 65.4 47.1 70.7

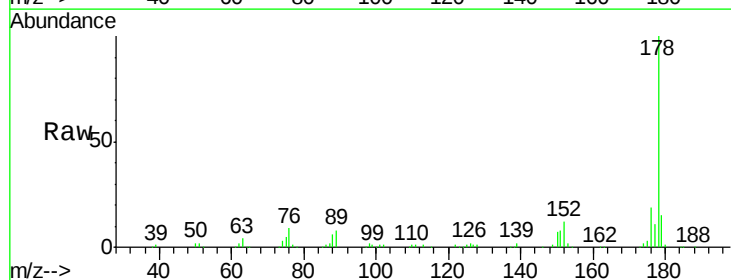


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

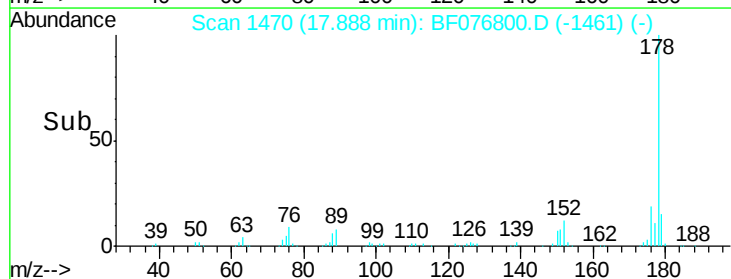
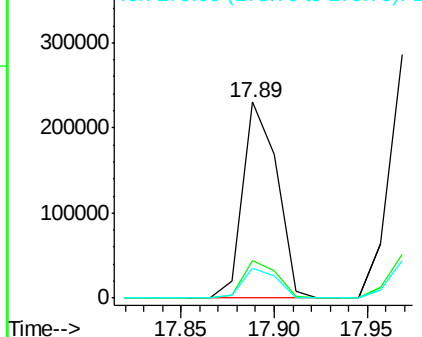


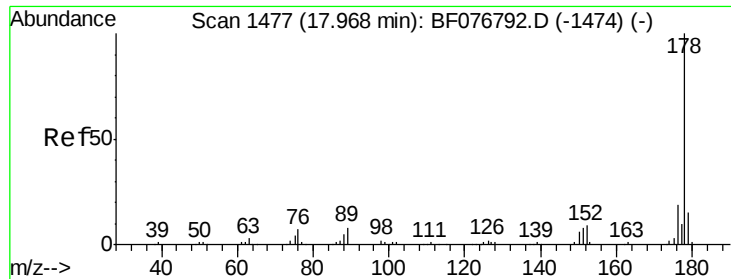
#70
 Phenanthrene
 Concen: 33.57 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion: 178 Resp: 293536
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.4 11.8 17.8



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

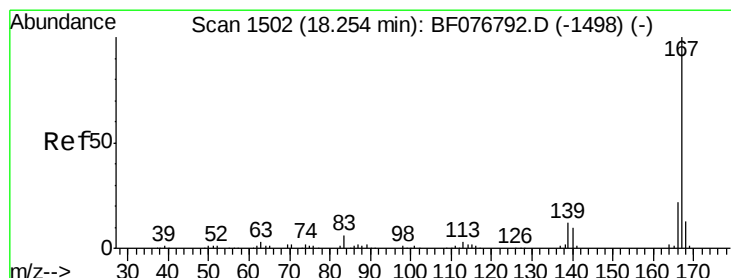
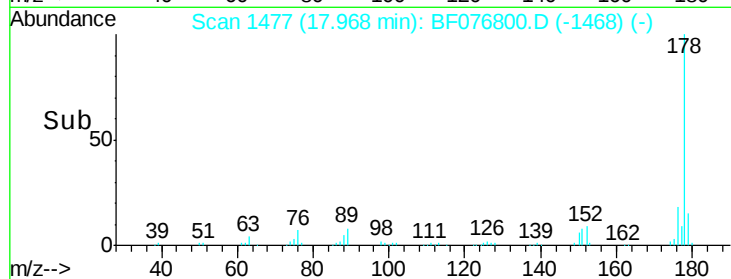
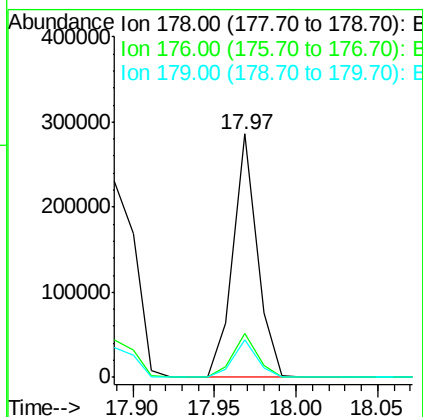
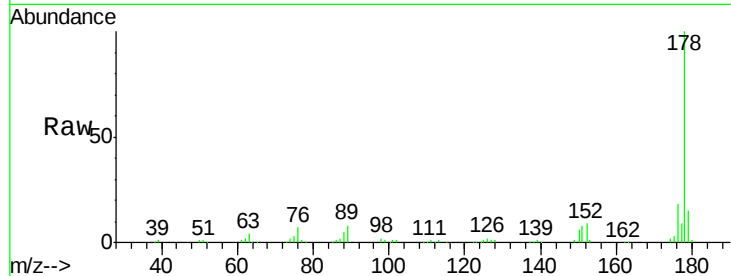




#71
 Anthracene
 Concen: 33.95 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

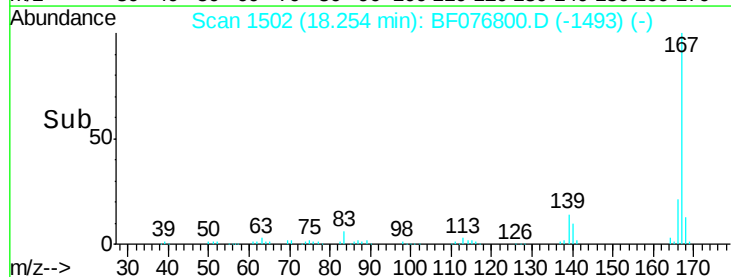
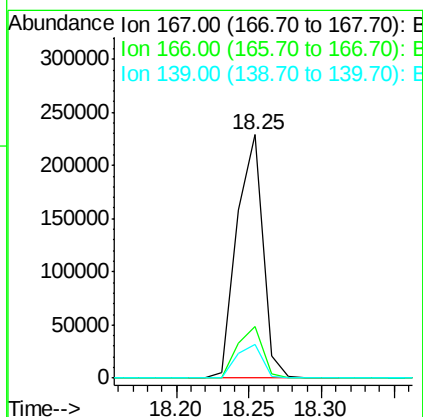
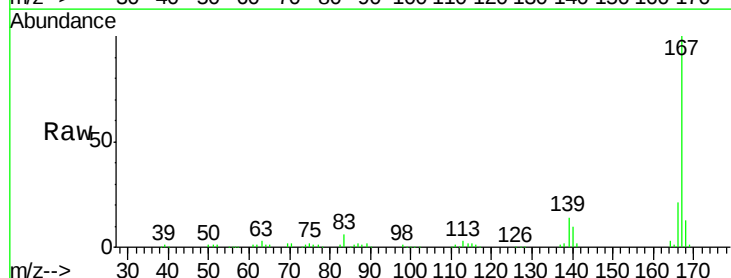
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

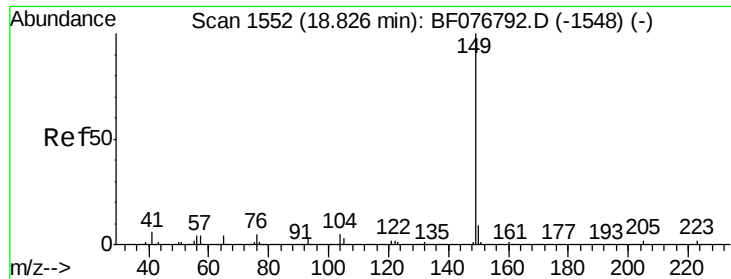
Tgt Ion:178 Resp: 293302
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.3 22.9
 179 15.2 12.2 18.4



#72
 Carbazole
 Concen: 34.12 ng
 RT: 18.25 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:167 Resp: 284668
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.7 10.0 15.0

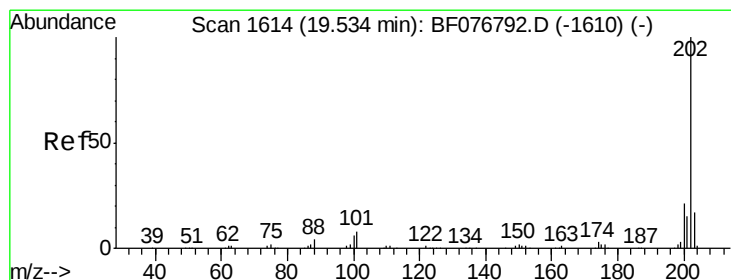
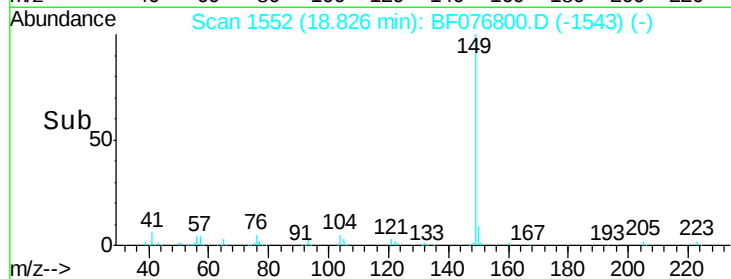
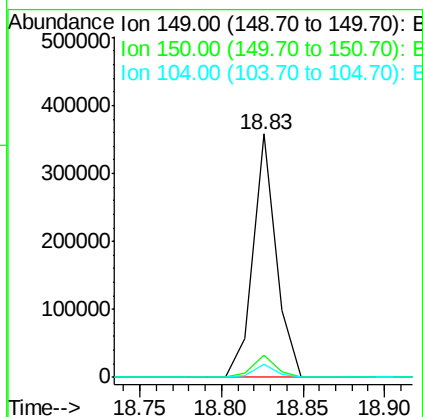
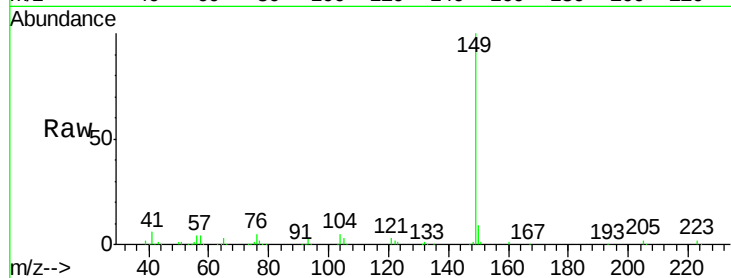




#73
Di-n-butylphthalate
Concen: 35.12 ng
RT: 18.83 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

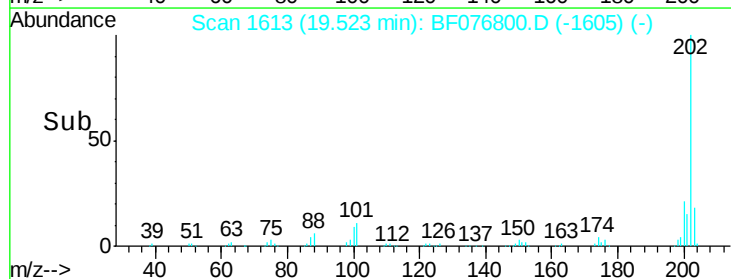
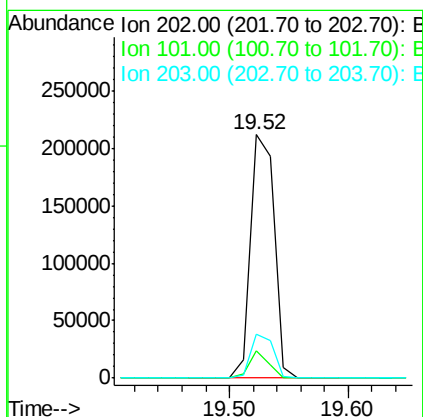
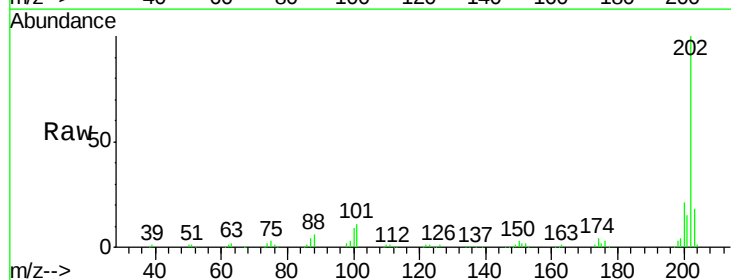
Instrument :
BNA_F
ClientSampleId :
PB81273BS

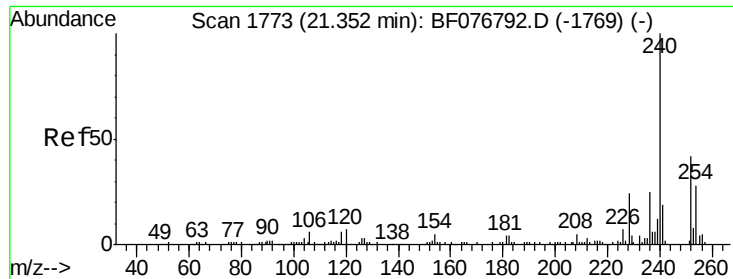
Tgt Ion:149 Resp: 352922
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 32.91 ng
RT: 19.52 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF076800.D
Acq: 9 Jan 2015 23:23

Tgt Ion:202 Resp: 296806
Ion Ratio Lower Upper
202 100
101 11.1 0.0 28.0
203 18.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

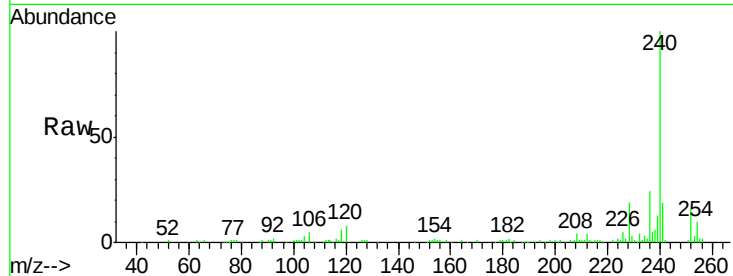
Tgt Ion:240 Resp: 120424

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

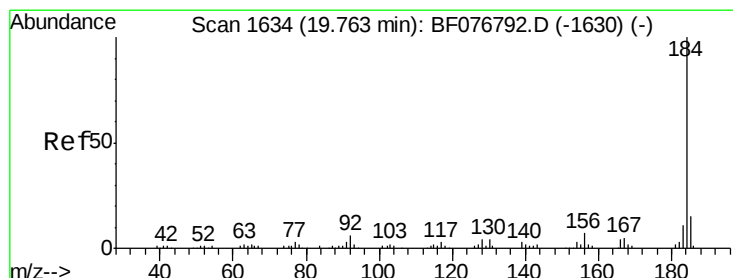
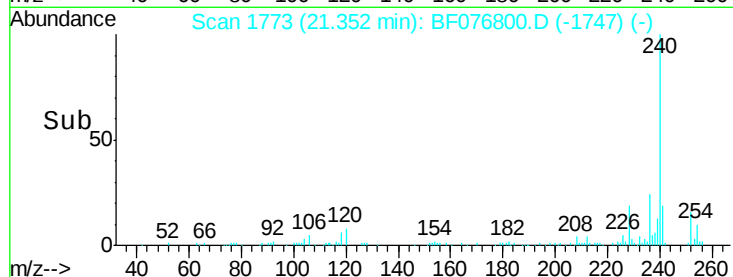
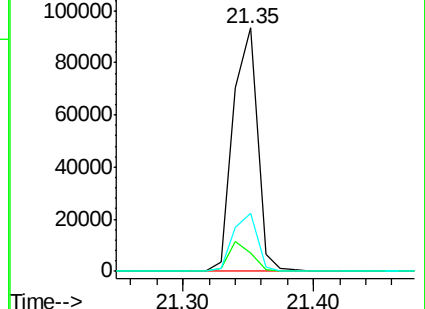
236 23.9 19.7 29.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.52 ng

RT: 19.76 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

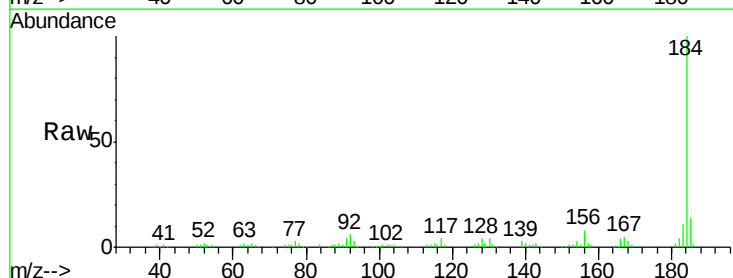
Tgt Ion:184 Resp: 149151

Ion Ratio Lower Upper

184 100

185 13.8 12.3 18.5

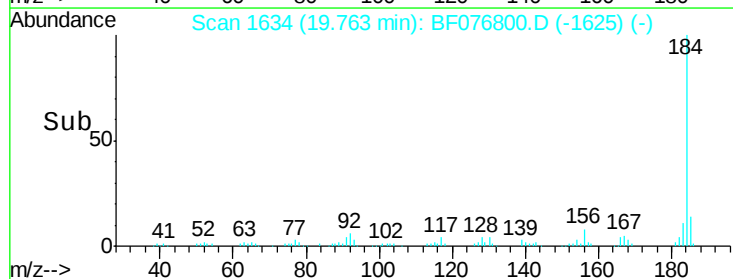
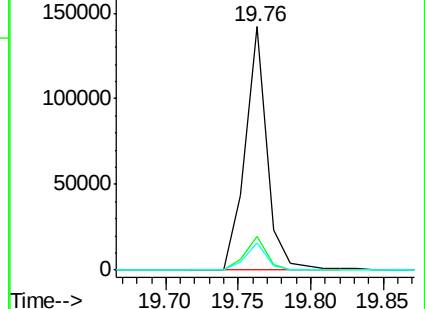
183 11.3 8.7 13.1

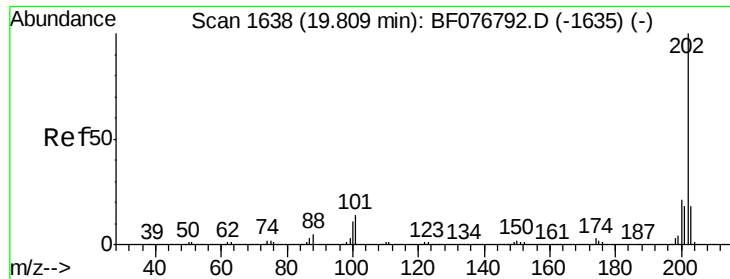


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

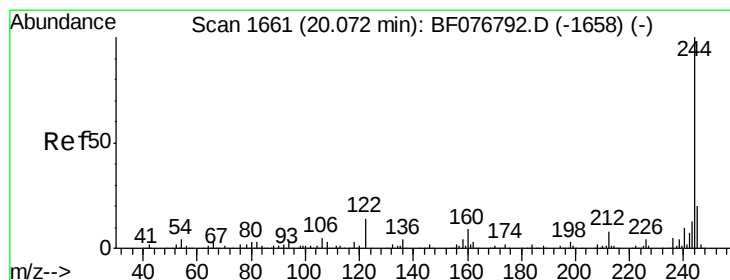
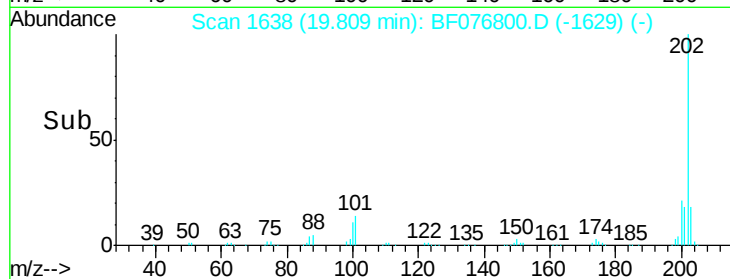
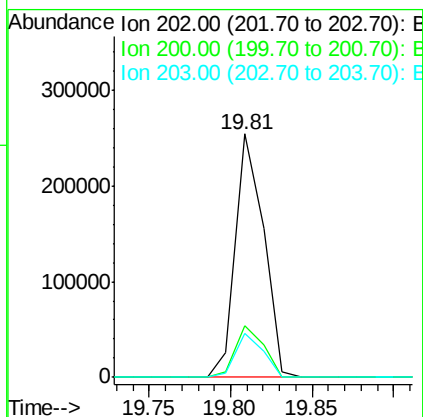
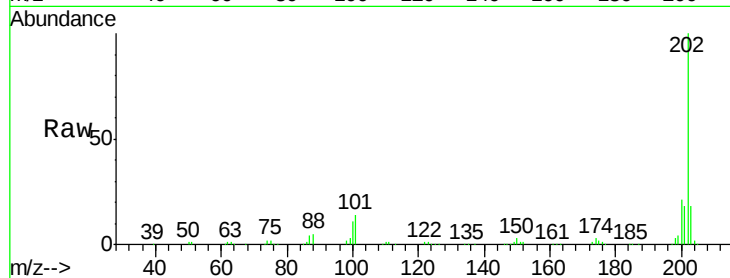




#77
 Pyrene
 Concen: 34.48 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

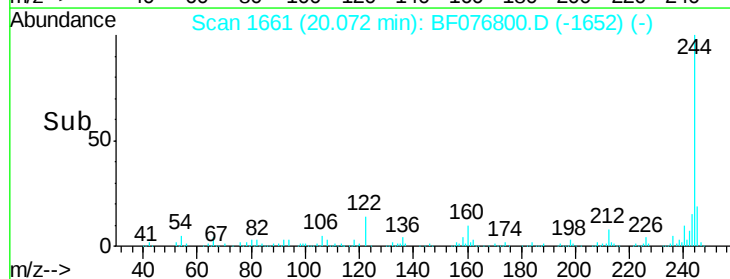
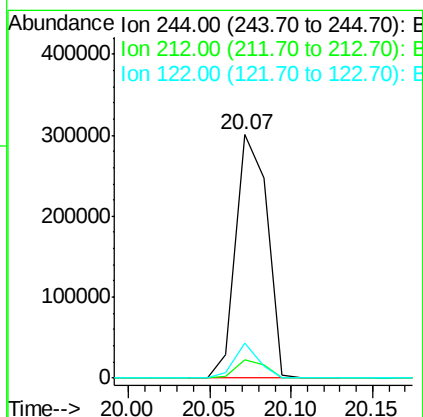
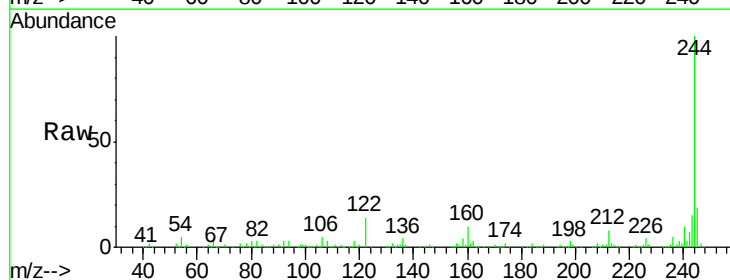
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

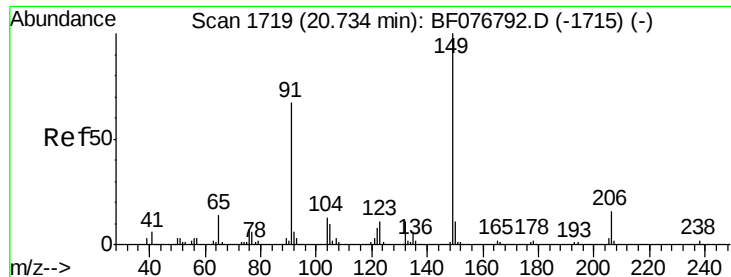
Tgt Ion: 202 Resp: 304173
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.6 25.0
 203 18.1 14.6 22.0



#78
 Terphenyl-d14
 Concen: 71.34 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion: 244 Resp: 398833
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.4 11.3 16.9





#79

Butylbenzylphthalate

Concen: 35.02 ng

RT: 20.73 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

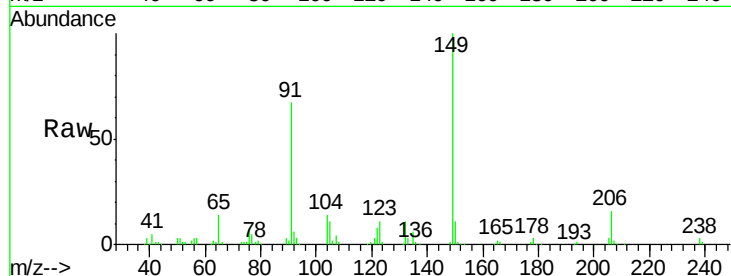
Tgt Ion:149 Resp: 143381

Ion Ratio Lower Upper

149 100

91 66.6 53.3 79.9

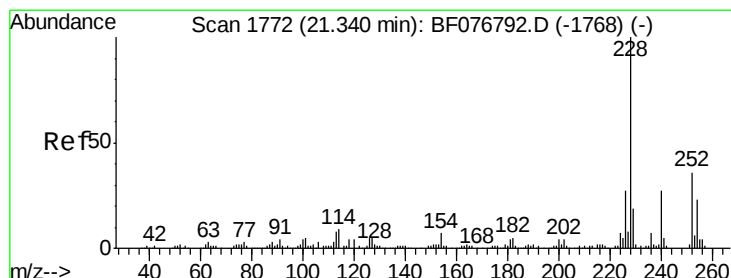
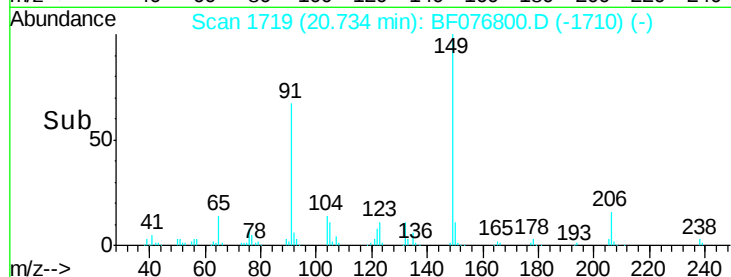
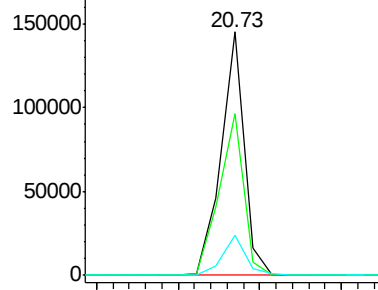
206 16.2 12.6 18.8



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: 34.23 ng

RT: 21.34 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

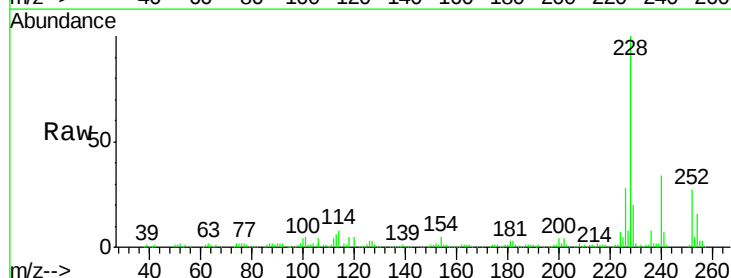
Tgt Ion:228 Resp: 267581

Ion Ratio Lower Upper

228 100

226 28.4 21.4 32.0

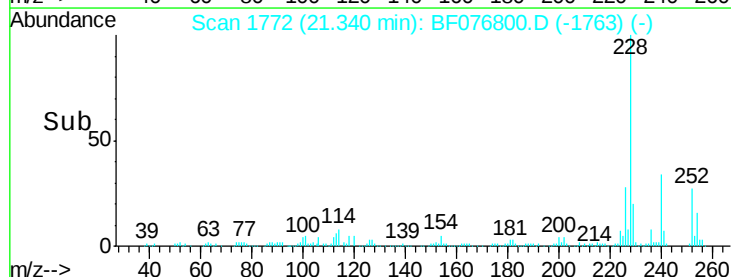
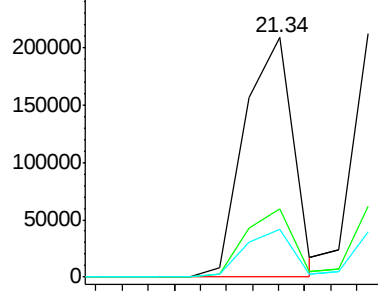
229 19.8 15.0 22.4

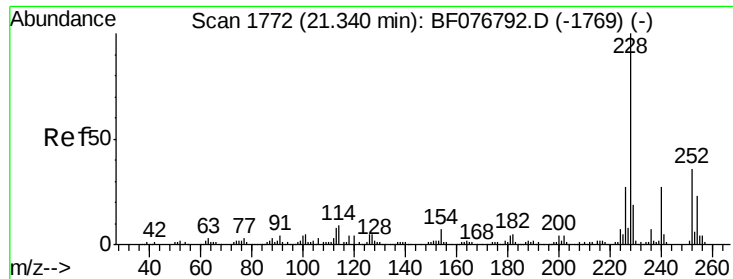


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

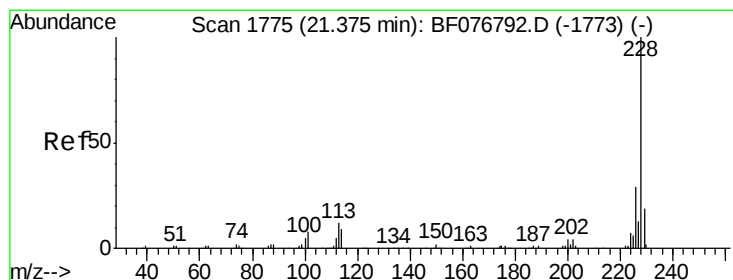
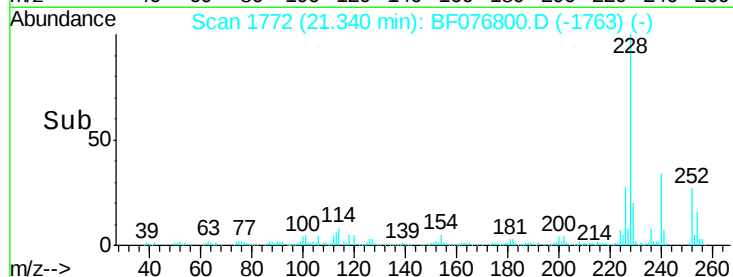
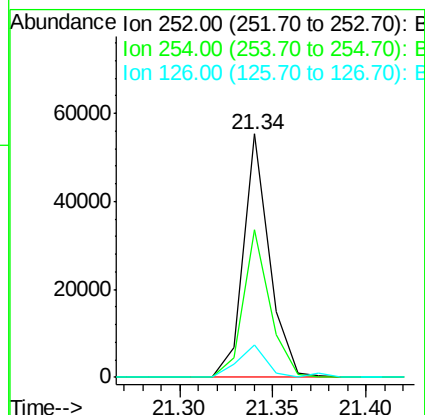
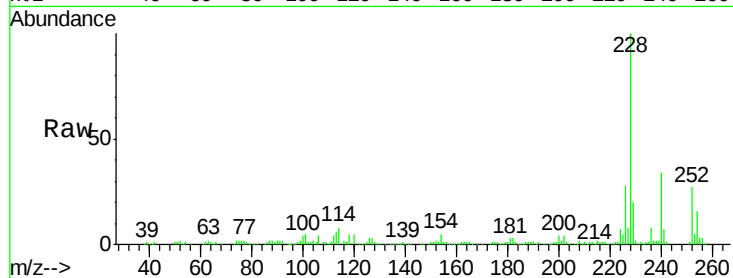




#81
 3,3'-Dichlorobenzidine
 Concen: 21.72 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

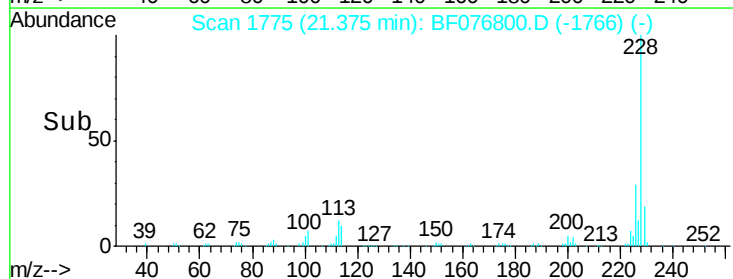
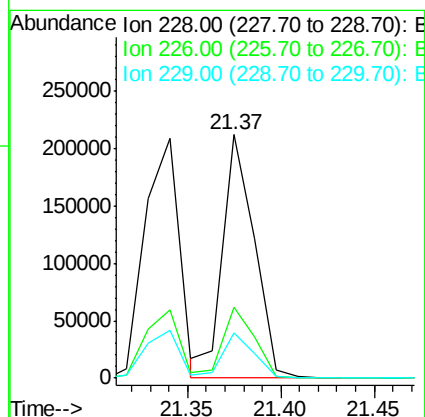
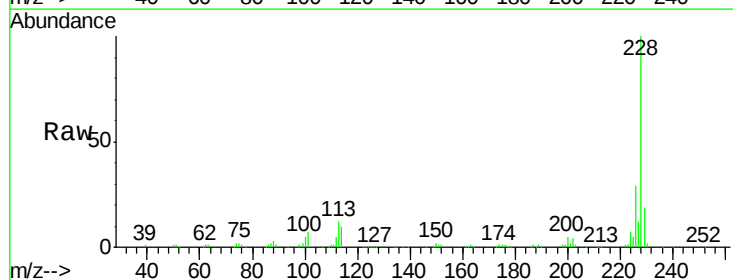
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

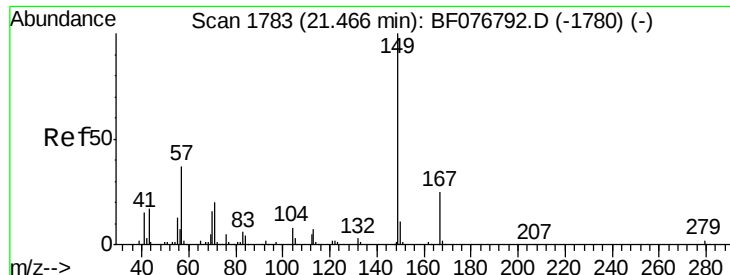
Tgt Ion:252 Resp: 53937
 Ion Ratio Lower Upper
 252 100
 254 60.6 51.5 77.3
 126 13.1 11.4 17.0



#82
 Chrysene
 Concen: 36.01 ng
 RT: 21.37 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion:228 Resp: 250228
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.3 34.9
 229 18.5 14.6 22.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.53 ng

RT: 21.47 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

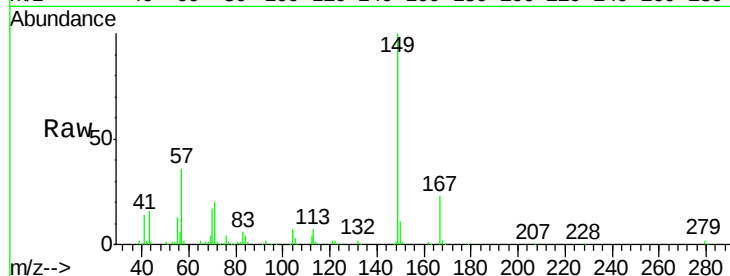
Tgt Ion:149 Resp: 201008

Ion Ratio Lower Upper

149 100

167 23.4 20.1 30.1

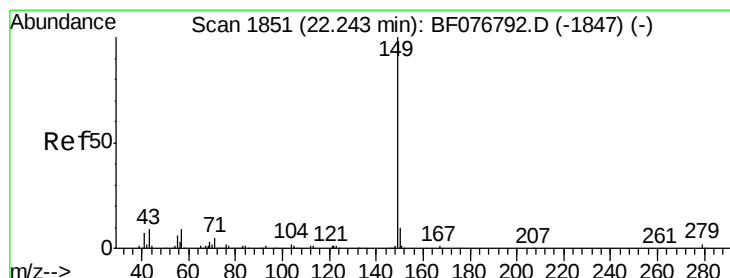
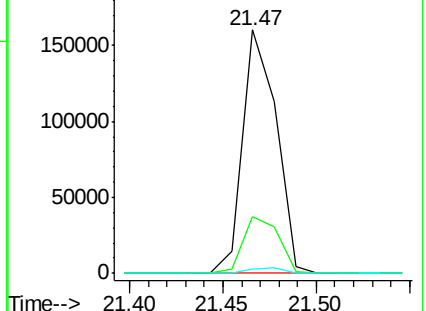
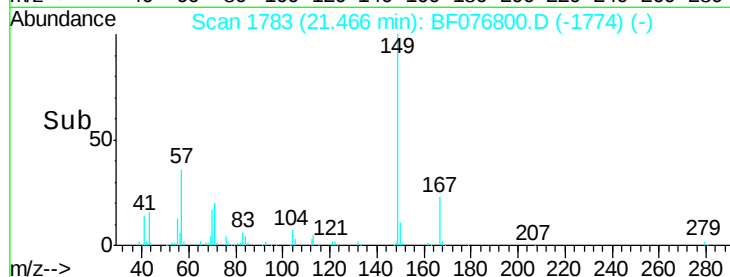
279 1.9 1.4 2.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.27 ng

RT: 22.24 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

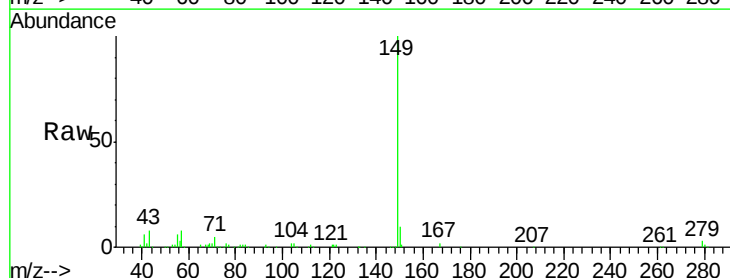
Tgt Ion:149 Resp: 340195

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

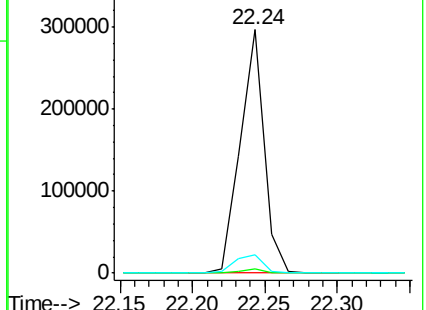
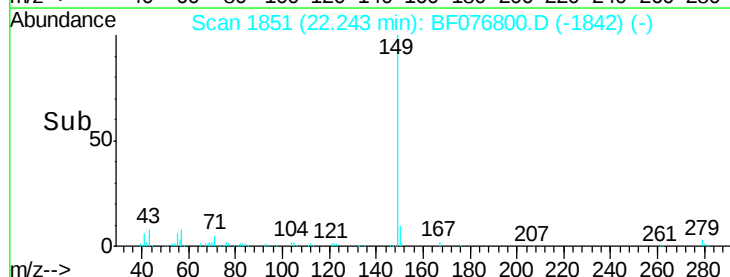
43 9.1 7.0 10.6

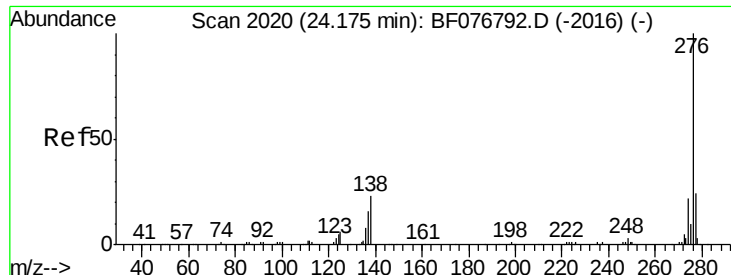


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

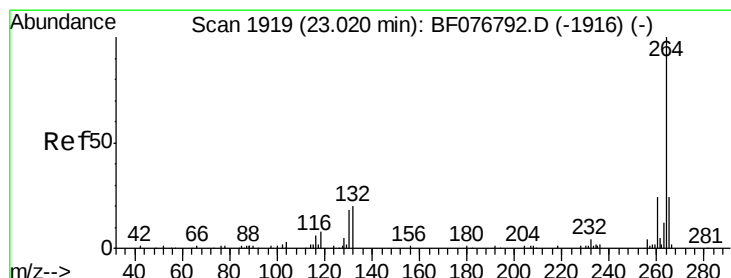
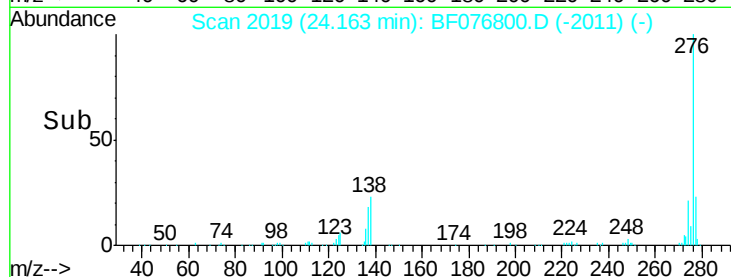
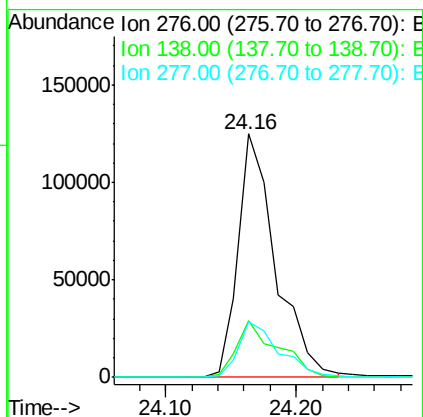
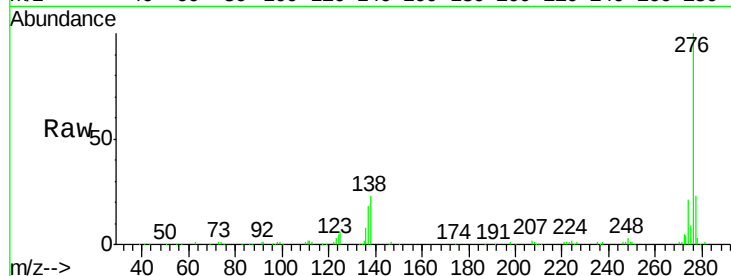




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.64 ng
 RT: 24.16 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

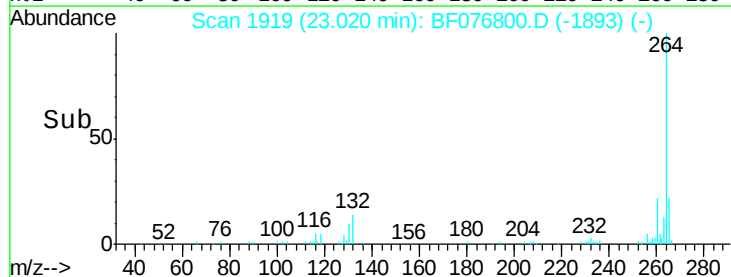
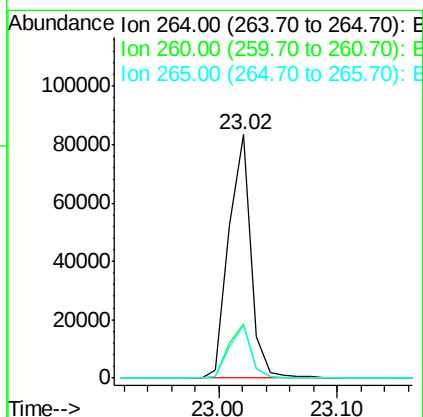
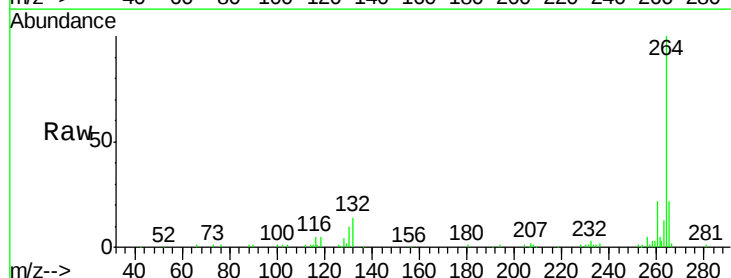
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

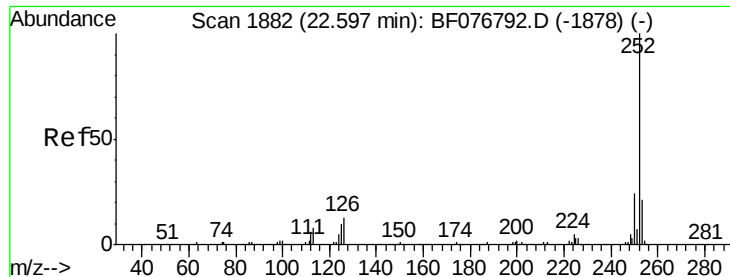
Tgt Ion: 276 Resp: 250282
 Ion Ratio Lower Upper
 276 100
 138 25.8 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Tgt Ion: 264 Resp: 107534
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.0
 265 21.9 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 30.14 ng

RT: 22.60 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

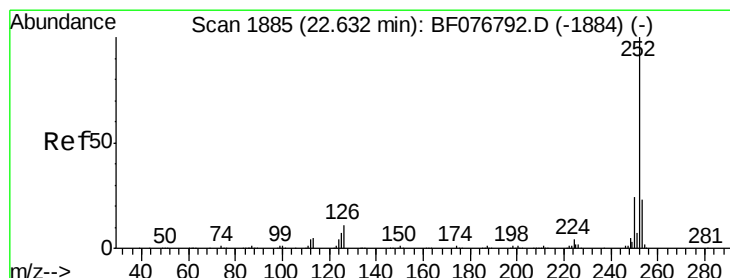
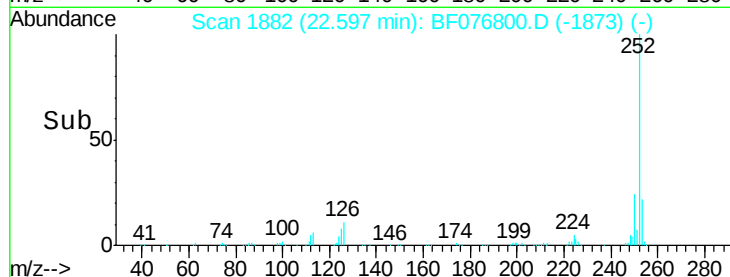
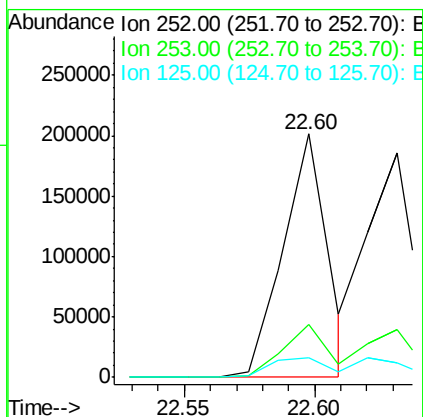
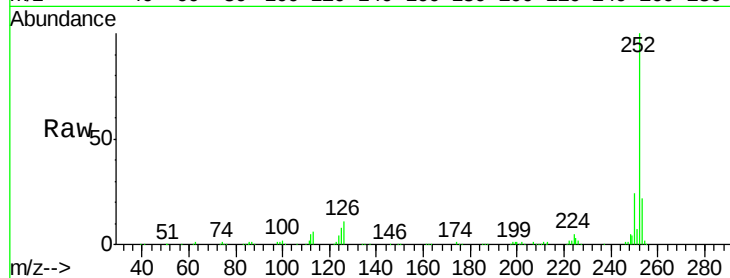
Instrument :

BNA_F

ClientSampleId :

PB81273BS

Tgt Ion:	252	Resp:	237977
Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	8.3	8.1	12.1



#88

Benzo(k)fluoranthene

Concen: 38.20 ng

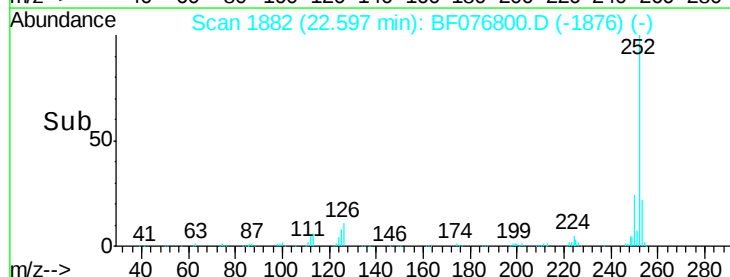
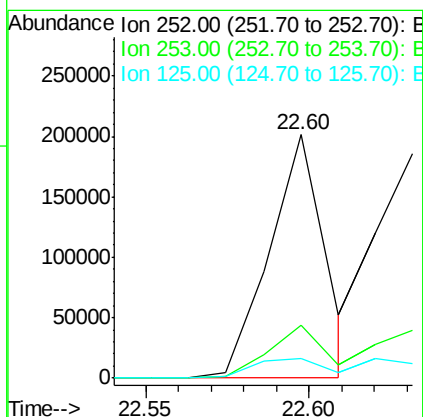
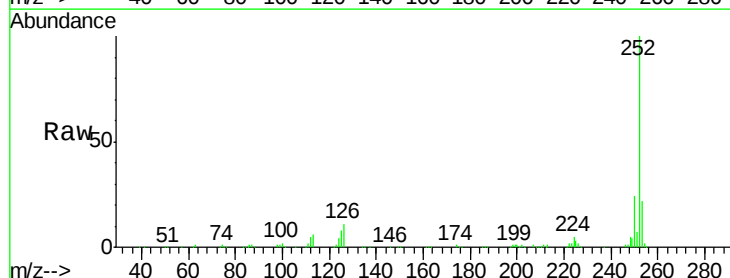
RT: 22.60 min Scan# 1882

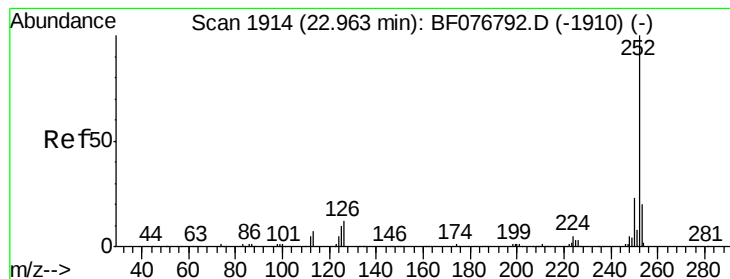
Delta R.T. -0.03 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Tgt Ion:	252	Resp:	237960
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.3	7.5	11.3





#89

Benzo(a)pyrene

Concen: 34.97 ng

RT: 22.95 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

Instrument :

BNA_F

ClientSampleId :

PB81273BS

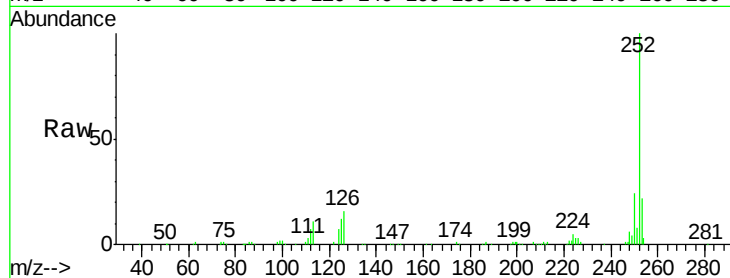
Tgt Ion: 252 Resp: 228790

Ion Ratio Lower Upper

252 100

253 21.5 16.2 24.4

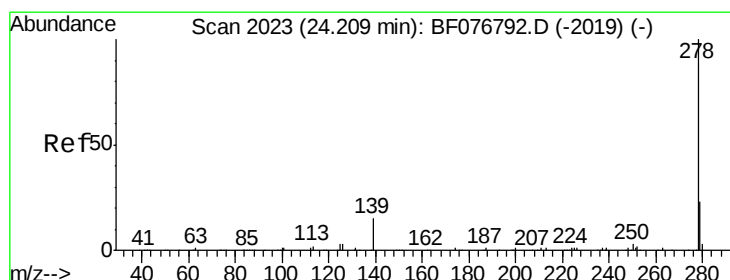
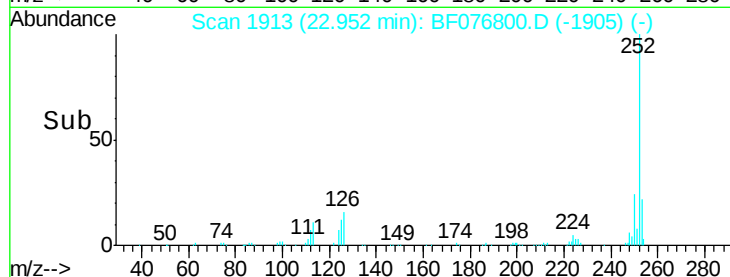
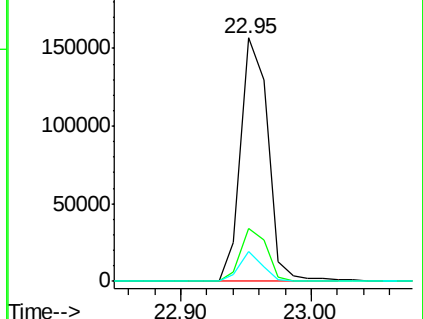
125 12.4 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.25 ng

RT: 24.20 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF076800.D

Acq: 9 Jan 2015 23:23

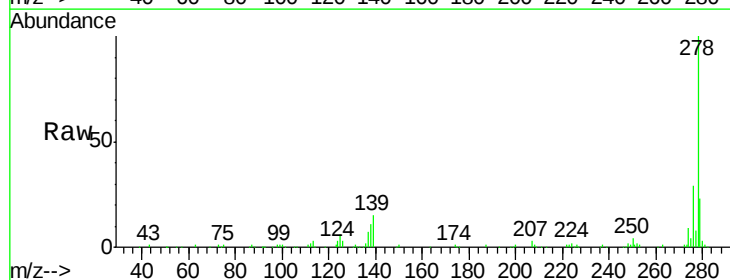
Tgt Ion: 278 Resp: 209781

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

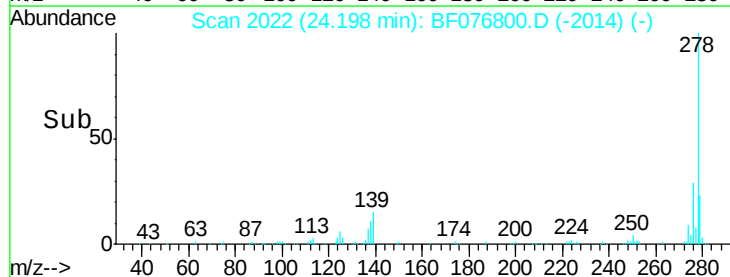
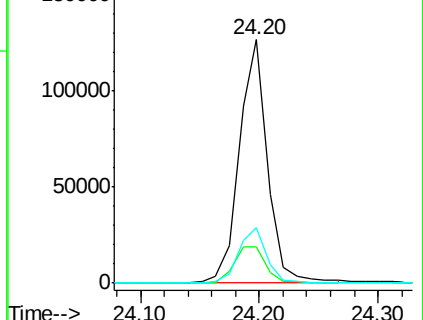
279 22.8 17.9 26.9

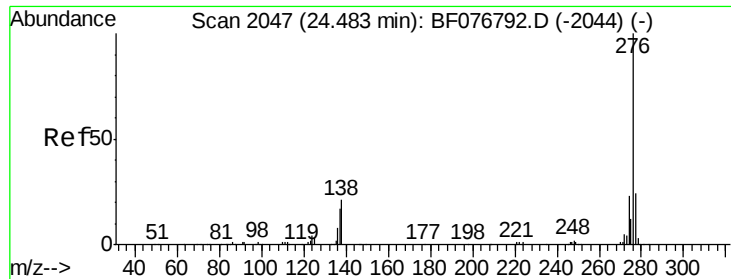


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.05 ng
 RT: 24.47 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF076800.D
 Acq: 9 Jan 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:	276	Resp:	205826
Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.6
138	22.7	16.7	25.1

