

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077040.D
 Acq On : 23 Jan 2015 16:37
 Operator : TP/IZ
 Sample : PB81496BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Quant Time: Jan 26 11:08:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 22:30:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22683	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	93331	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	50486	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	88120	20.00	ng	0.00
75) Chrysene-d12	21.15	240	86240	20.00	ng	0.00
86) Perylene-d12	22.79	264	77410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.79	112	131519	95.33	ng	0.00
7) Phenol-d6	7.17	99	166762	95.82	ng	0.00
23) Nitrobenzene-d5	9.06	82	148823	88.34	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	43247	105.53	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	314612	94.83	ng	0.00
78) Terphenyl-d14	19.88	244	337246	90.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.17	88	14510	24.56	ng	# 88
3) Pyridine	1.61	79	52355	34.25	ng	89
4) n-Nitrosodimethylamine	1.58	42	26926	35.56	ng	97
6) Aniline	7.05	93	51383	21.33	ng	98
8) 2-Chlorophenol	7.29	128	57161	35.94	ng	95
9) Benzaldehyde	6.77	77	11022	9.35	ng	98
10) Phenol	7.19	94	69184	37.44	ng	95
11) bis(2-Chloroethyl)ether	7.30	93	55481	38.37	ng	# 80
12) 1,3-Dichlorobenzene	7.60	146	61573	34.03	ng	95
13) 1,4-Dichlorobenzene	7.80	146	63071	32.87	ng	98
14) 1,2-Dichlorobenzene	8.12	146	62079	35.11	ng	98
15) Benzyl Alcohol	8.21	79	51119	36.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	68792	35.39	ng	96
17) 2-Methylphenol	8.55	107	45222	34.79	ng	93
18) Hexachloroethane	8.86	117	24682	36.98	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	42246	34.68	ng	96
20) 3+4-Methylphenols	8.94	107	59827	34.76	ng	95
22) Acetophenone	8.76	105	85114	37.23	ng	99
24) Nitrobenzene	9.11	77	62483	36.41	ng	93
25) Isophorone	9.70	82	112432	36.65	ng	98
26) 2-Nitrophenol	9.85	139	30675	35.39	ng	95
27) 2,4-Dimethylphenol	10.13	122	51609	38.89	ng	96
28) bis(2-Chloroethoxy)methane	10.34	93	67856	38.91	ng	100
29) 2,4-Dichlorophenol	10.45	162	49561	40.07	ng	96
30) 1,2,4-Trichlorobenzene	10.58	180	50230	36.56	ng	96
31) Naphthalene	10.72	128	171401	35.67	ng	100
32) Benzoic acid	10.49	122	24331m	33.09	ng	
33) 4-Chloroaniline	10.97	127	43738	22.53	ng	95
34) Hexachlorobutadiene	11.09	225	29133	35.74	ng	95
35) Caprolactam	11.81	113	14673m	40.29	ng	
36) 4-Chloro-3-methylphenol	12.28	107	54245	38.30	ng	96
37) 2-Methylnaphthalene	12.38	142	123208	37.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	49158	39.38	ng	97
40) Hexachlorocyclopentadiene	12.77	237	53024	78.97	ng	97

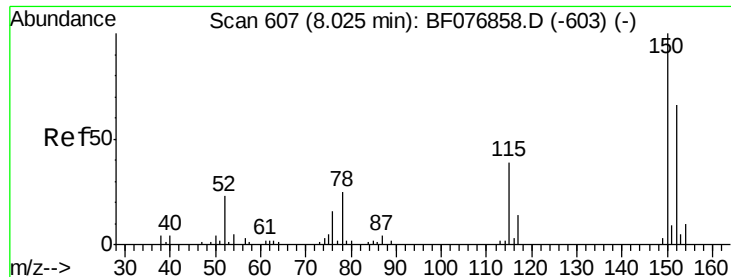
Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077040.D
 Acq On : 23 Jan 2015 16:37
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 22:30:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	35740	39.30	ng	97
43) 2,4,5-Trichlorophenol	13.21	196	36891	39.77	ng	95
45) 1,1'-Biphenyl	13.53	154	144210	38.53	ng	98
46) 2-Chloronaphthalene	13.51	162	117313	38.09	ng	97
47) 2-Nitroaniline	13.85	65	37024	39.63	ng	86
48) Acenaphthylene	14.46	152	191385	36.84	ng	98
49) Dimethylphthalate	14.41	163	146823	41.01	ng	98
50) 2,6-Dinitrotoluene	14.51	165	30323	42.39	ng	95
51) Acenaphthene	14.88	154	108705	36.88	ng	97
52) 3-Nitroaniline	14.85	138	24875	27.44	ng	88
53) 2,4-Dinitrophenol	15.13	184	27229	80.95	ng	91
54) Dibenzofuran	15.31	168	168618	39.27	ng	99
55) 4-Nitrophenol	15.44	139	44048	78.49	ng	94
56) 2,4-Dinitrotoluene	15.44	165	41889	39.45	ng	# 86
57) Fluorene	16.05	166	138735	38.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	30029	44.46	ng	# 95
59) Diethylphthalate	16.06	149	152555	42.16	ng	100
60) 4-Chlorophenyl-phenylether	16.15	204	60736	40.81	ng	88
61) 4-Nitroaniline	16.20	138	29606	33.28	ng	97
62) Azobenzene	16.44	77	147593	39.15	ng	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	20037	36.25	ng	98
65) n-Nitrosodiphenylamine	16.39	169	117099	37.27	ng	98
66) 4-Bromophenyl-phenylether	17.01	248	36014	40.34	ng	# 86
67) Hexachlorobenzene	17.02	284	36363	38.65	ng	96
68) Atrazine	17.39	200	44426	46.59	ng	91
69) Pentachlorophenol	17.39	266	35745	82.58	ng	95
70) Phenanthrene	17.67	178	206070	37.50	ng	98
71) Anthracene	17.75	178	209288	39.06	ng	98
72) Carbazole	18.04	167	198467	38.18	ng	99
73) Di-n-butylphthalate	18.63	149	248416	41.29	ng	98
74) Fluoranthene	19.32	202	221634	39.36	ng	98
76) Benzidine	19.57	184	105931	38.39	ng	99
77) Pyrene	19.60	202	225029	38.07	ng	99
79) Butylbenzylphthalate	20.54	149	112022	41.85	ng	87
80) Benzo(a)anthracene	21.13	228	205498	37.98	ng	98
81) 3,3'-Dichlorobenzidine	21.15	252	46708	27.16	ng	96
82) Chrysene	21.18	228	189768	38.46	ng	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	157993	42.66	ng	# 95
84) Di-n-octyl phthalate	22.05	149	282990	44.03	ng	100
85) Indeno(1,2,3-cd)pyrene	23.88	276	199413	38.13	ng	# 83
87) Benzo(b)fluoranthene	22.38	252	190826	36.60	ng	# 96
88) Benzo(k)fluoranthene	22.41	252	184767m	40.56	ng	
89) Benzo(a)pyrene	22.72	252	183779	39.96	ng	# 96
90) Dibenzo(a,h)anthracene	23.90	278	166142	39.37	ng	# 93
91) Benzo(g,h,i)perylene	24.15	276	167464	39.92	ng	# 93

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

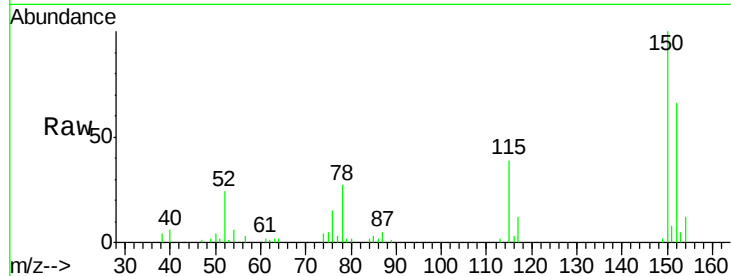


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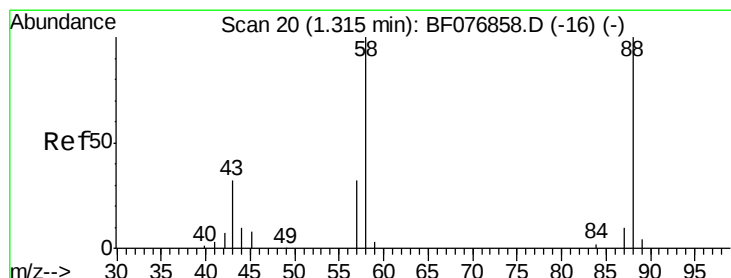
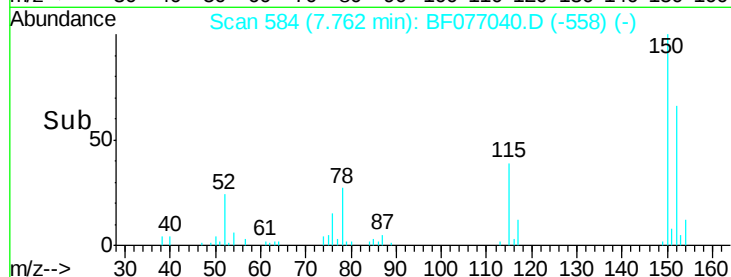
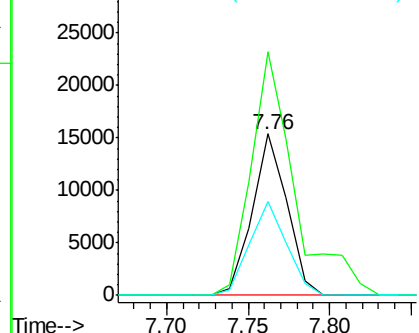
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:152 Resp: 22683
Ion Ratio Lower Upper
152 100
150 150.6 121.7 182.5
115 58.3 47.0 70.6



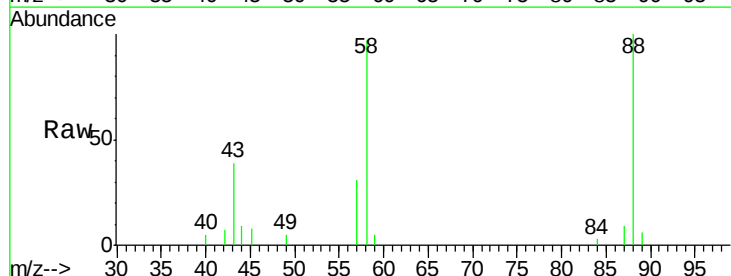
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



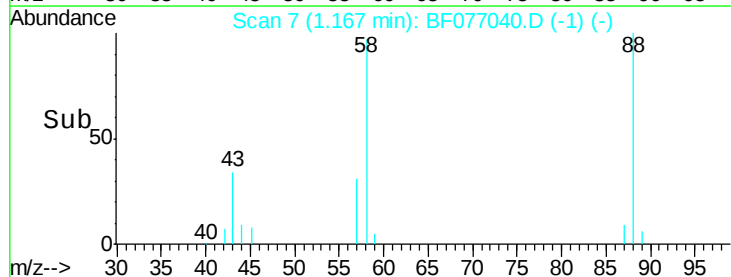
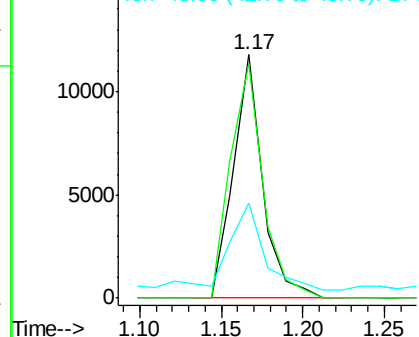
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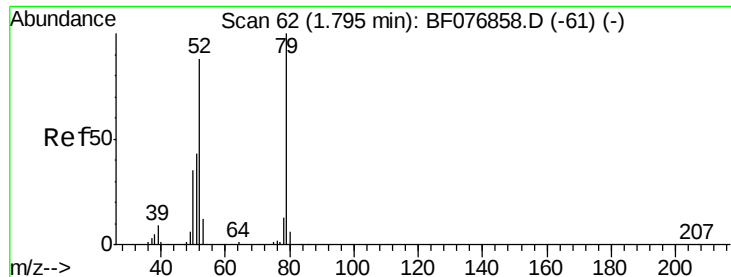
1,4-Dioxane
Concen: 24.56 ng
RT: 1.17 min Scan# 7
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 88 Resp: 14510
Ion Ratio Lower Upper
88 100
58 107.0 77.0 115.4
43 40.5 25.6 38.4#



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





#3

Pyridine

Concen: 34.25 ng

RT: 1.61 min Scan# 46

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

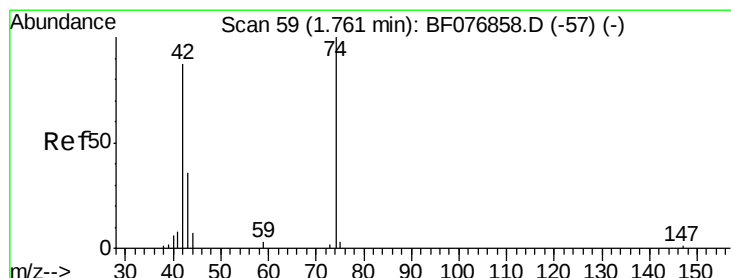
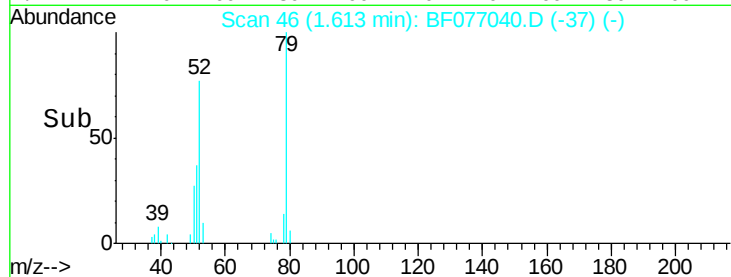
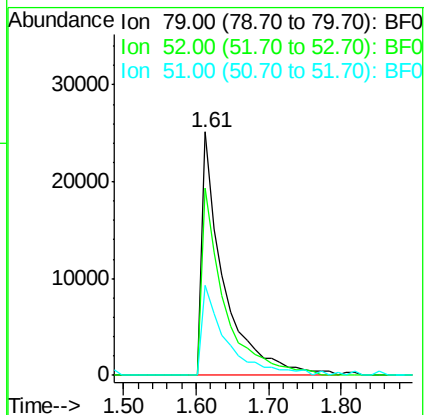
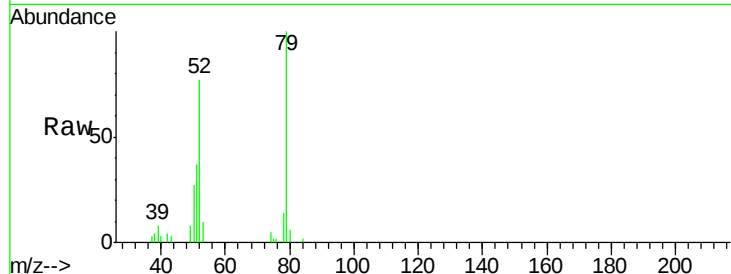
Tgt Ion: 79 Resp: 52355

Ion Ratio Lower Upper

79 100

52 76.7 70.1 105.1

51 37.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 35.56 ng

RT: 1.58 min Scan# 43

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

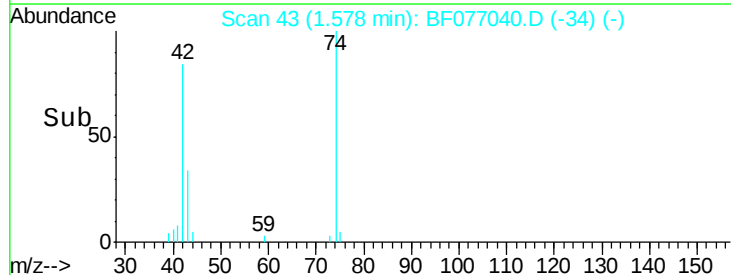
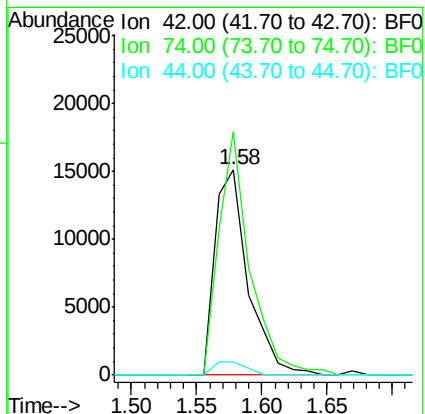
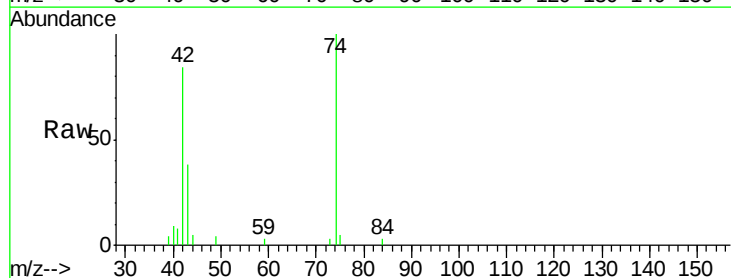
Tgt Ion: 42 Resp: 26926

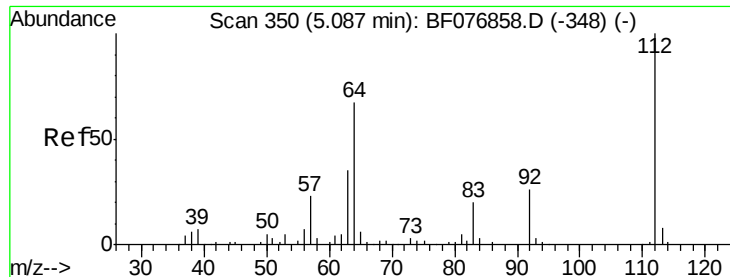
Ion Ratio Lower Upper

42 100

74 118.6 92.4 138.6

44 6.4 6.2 9.2





#5

2-Fluorophenol

Concen: 95.33 ng

RT: 4.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

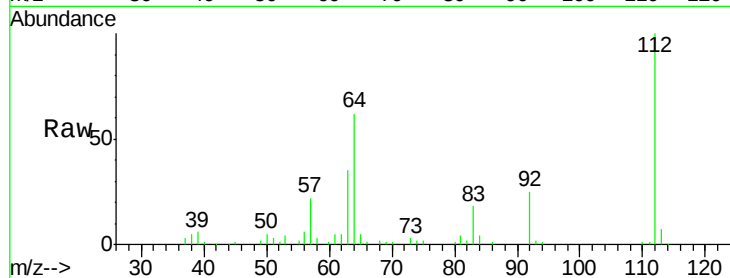
Tgt Ion: 112 Resp: 131519

Ion Ratio Lower Upper

112 100

64 61.7 54.2 81.4

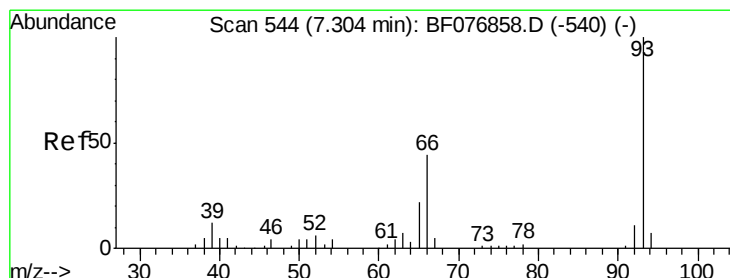
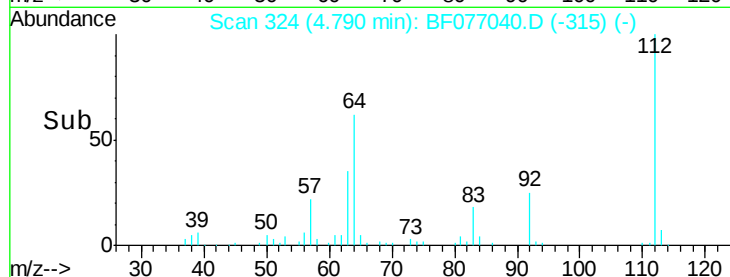
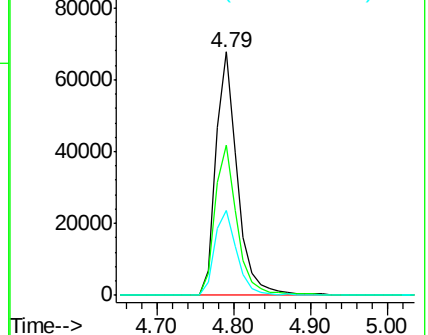
63 34.9 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.33 ng

RT: 7.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

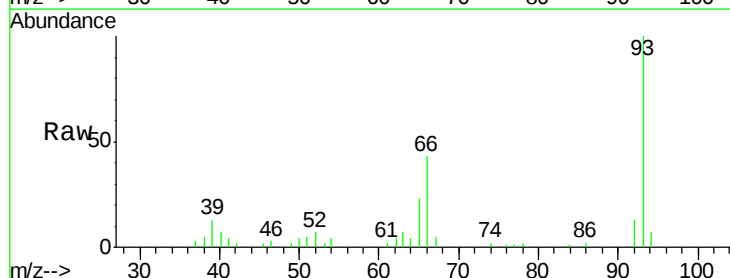
Tgt Ion: 93 Resp: 51383

Ion Ratio Lower Upper

93 100

66 42.6 35.0 52.4

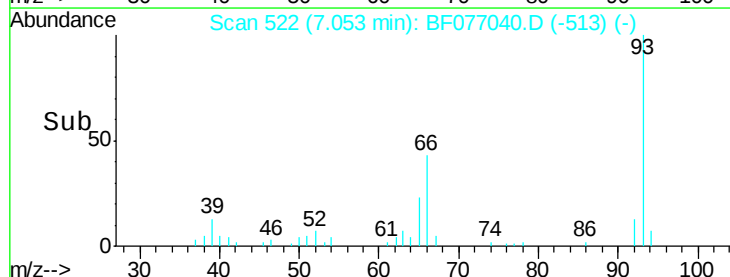
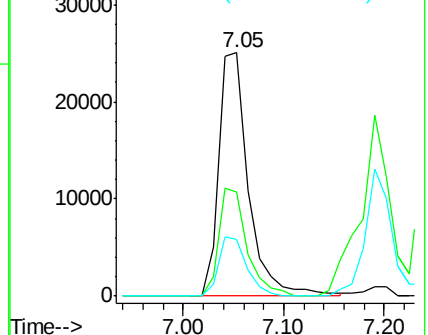
65 23.1 17.7 26.5

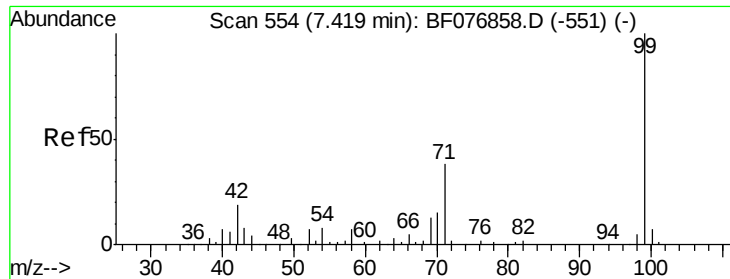


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.82 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

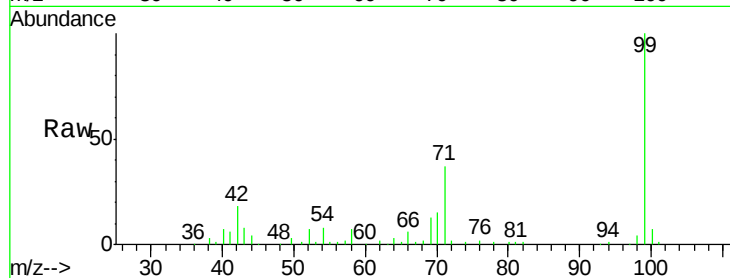
Tgt Ion: 99 Resp: 166762

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

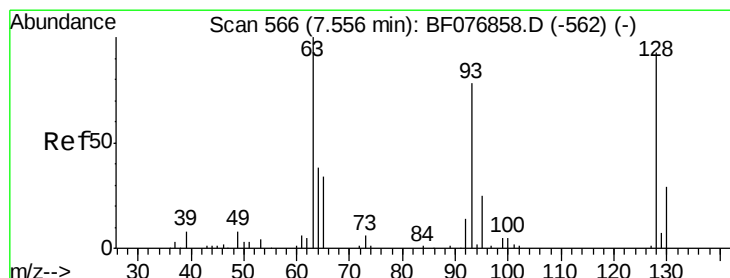
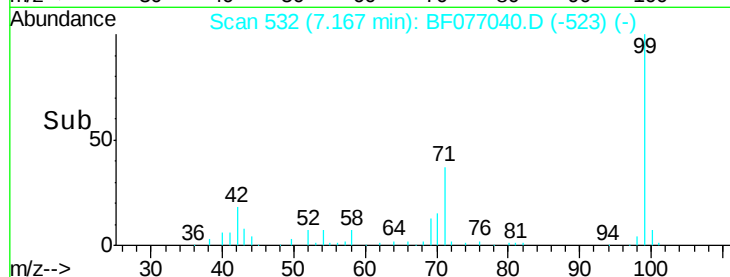
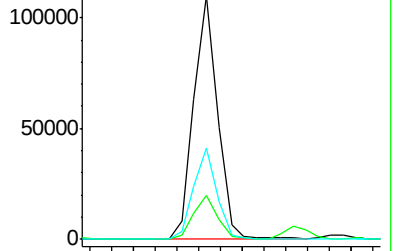
71 37.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#8

2-Chlorophenol

Concen: 35.94 ng

RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

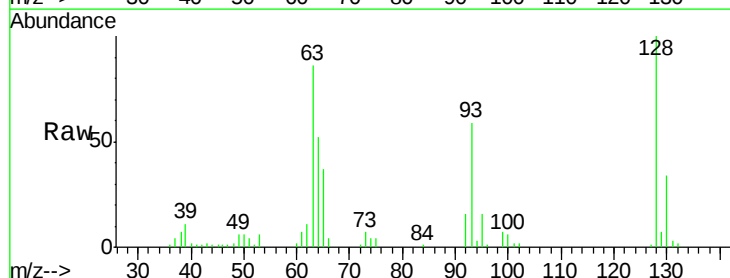
Tgt Ion: 128 Resp: 57161

Ion Ratio Lower Upper

128 100

130 34.2 11.0 51.0

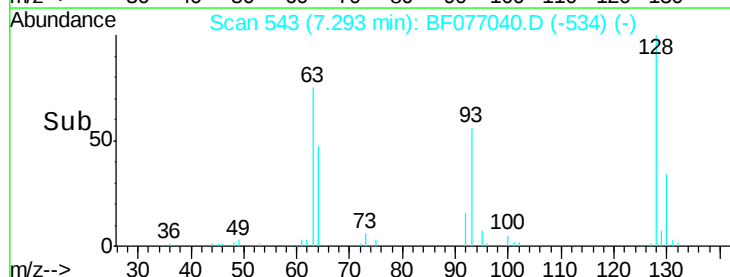
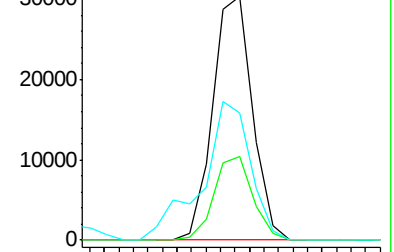
64 52.0 29.3 69.3

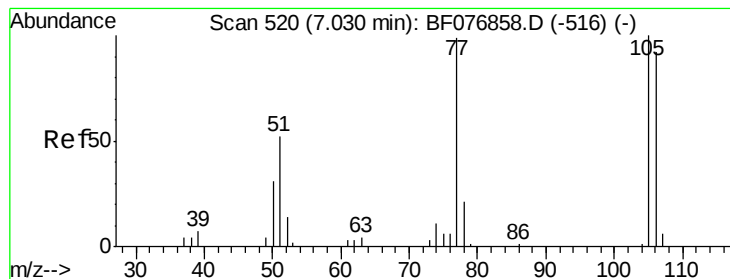


Abundance Ion 128.00 (127.70 to 128.70): BF076858.D (-562) (-)

Ion 130.00 (129.70 to 130.70): BF076858.D (-562) (-)

Ion 64.00 (63.70 to 64.70): BF076858.D (-562) (-)





#9

Benzaldehyde

Concen: 9.35 ng

RT: 6.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

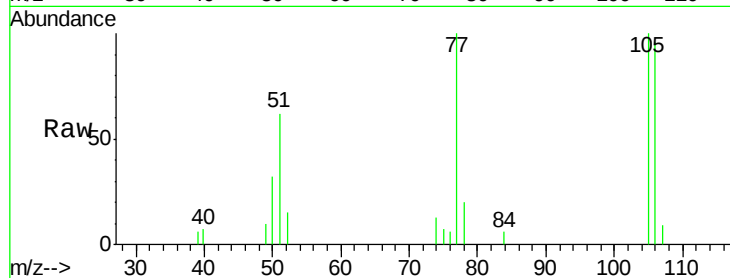
Tgt Ion: 77 Resp: 11022

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

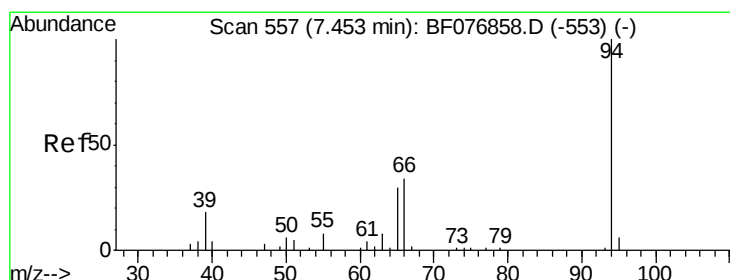
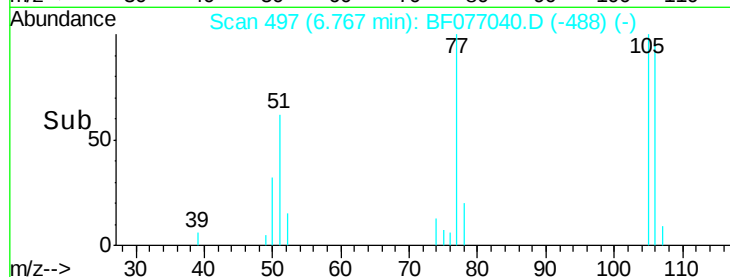
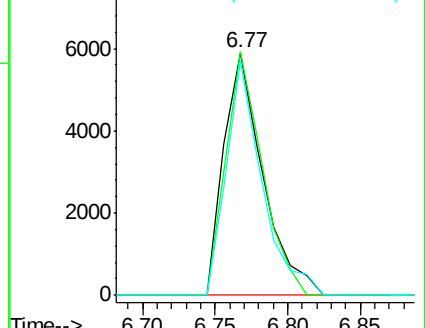
106 96.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.44 ng

RT: 7.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

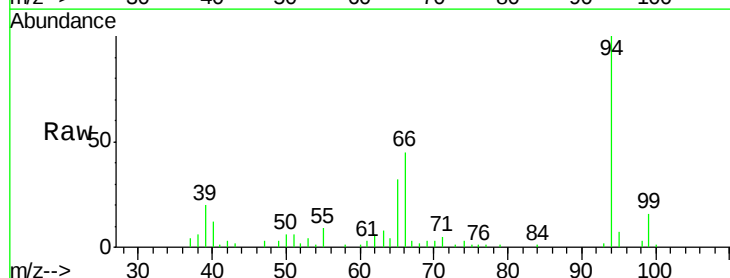
Tgt Ion: 94 Resp: 69184

Ion Ratio Lower Upper

94 100

65 31.6 11.3 51.3

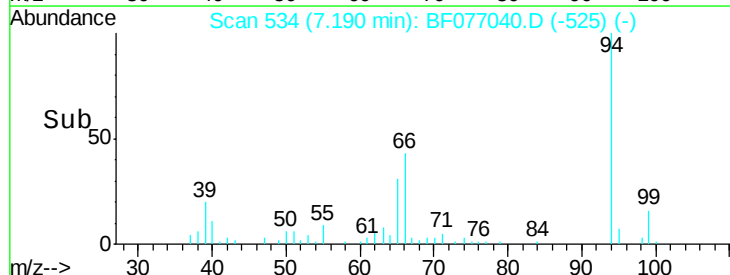
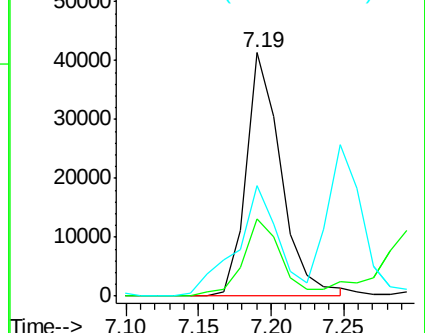
66 45.2 19.5 59.5

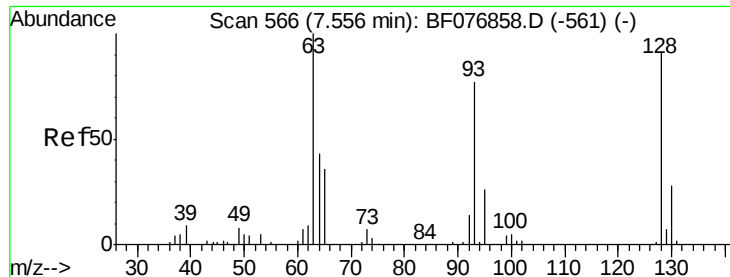


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

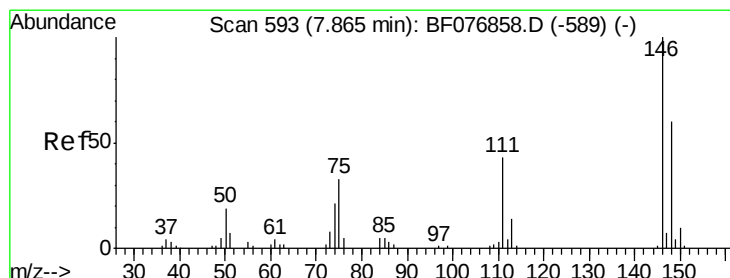
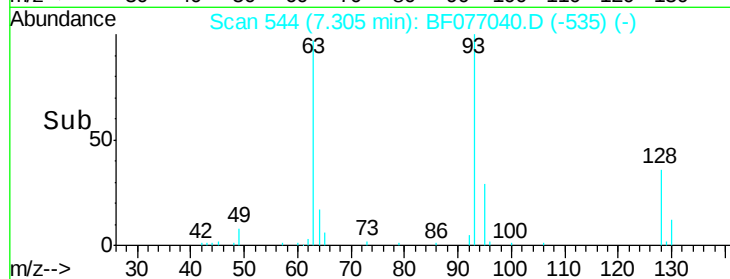
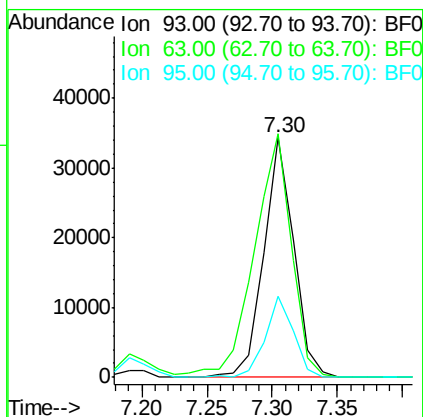
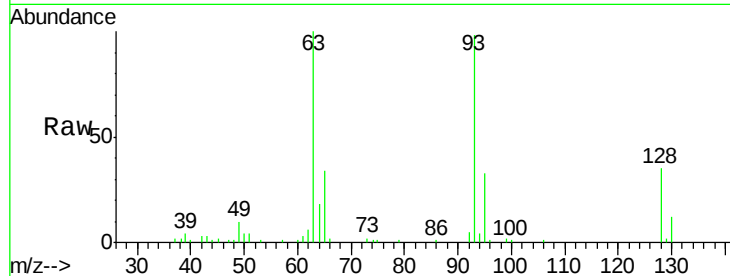




#11
bis(2-Chloroethyl)ether
Concen: 38.37 ng
RT: 7.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

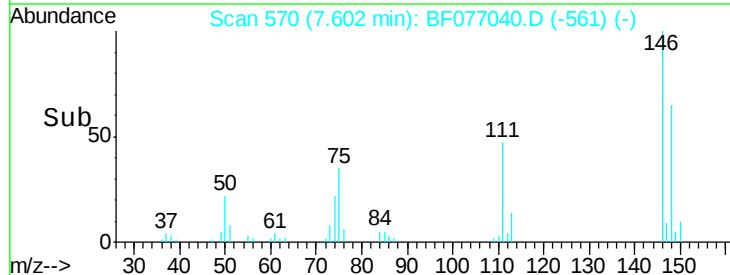
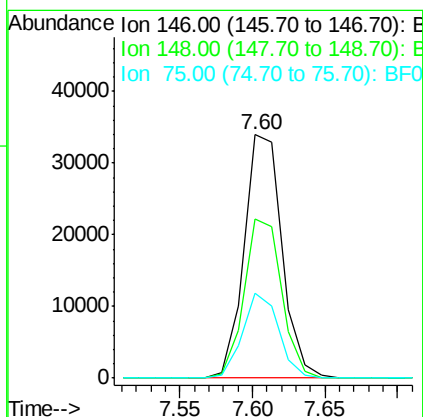
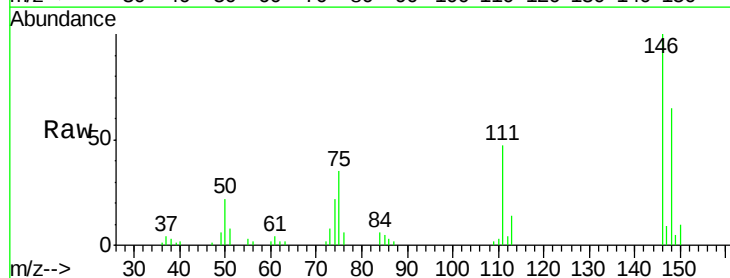
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

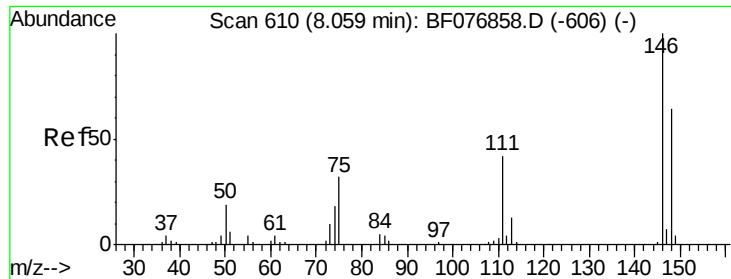
Tgt Ion: 93 Resp: 55481
Ion Ratio Lower Upper
93 100
63 101.6 111.3 151.3#
95 33.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 34.03 ng
RT: 7.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 146 Resp: 61573
Ion Ratio Lower Upper
146 100
148 65.3 48.1 72.1
75 35.0 26.8 40.2

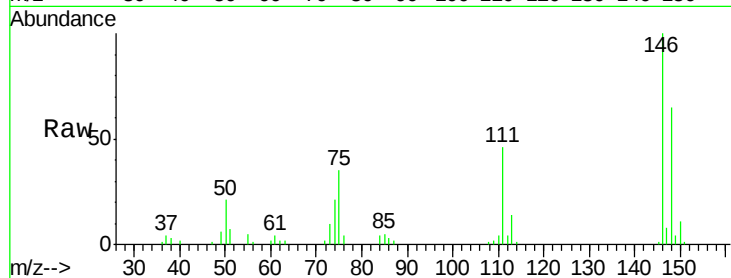




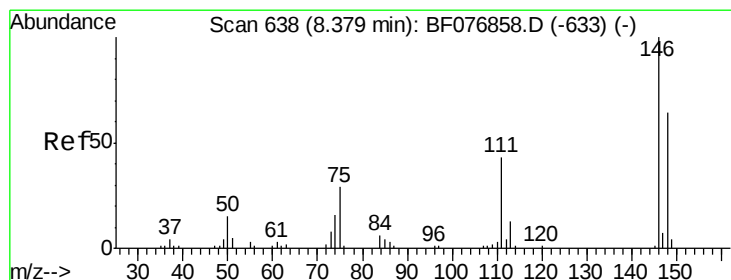
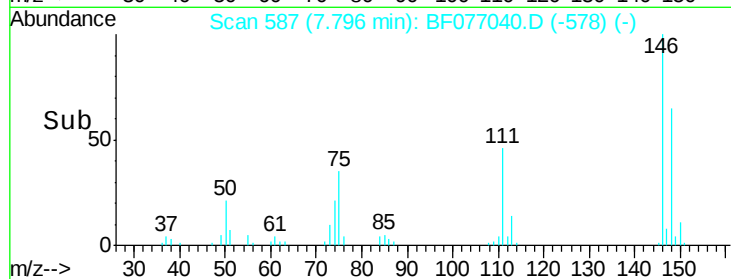
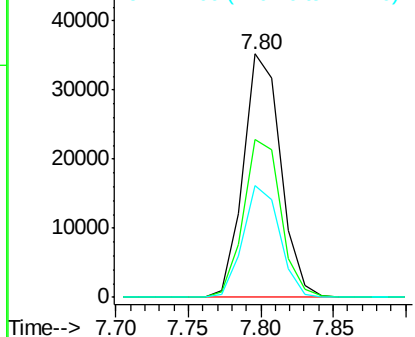
#13
 1,4-Dichlorobenzene
 Concen: 32.87 ng
 RT: 7.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:146 Resp: 63071
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 45.8 33.9 50.9

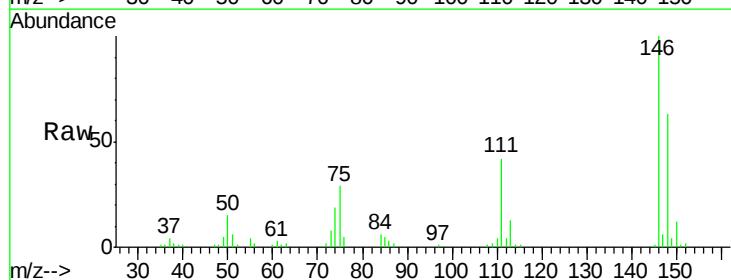


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

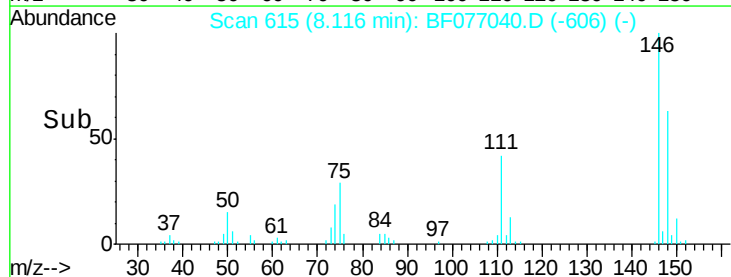
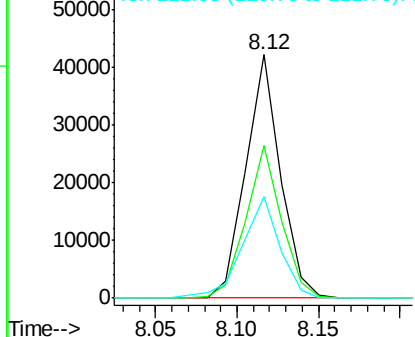


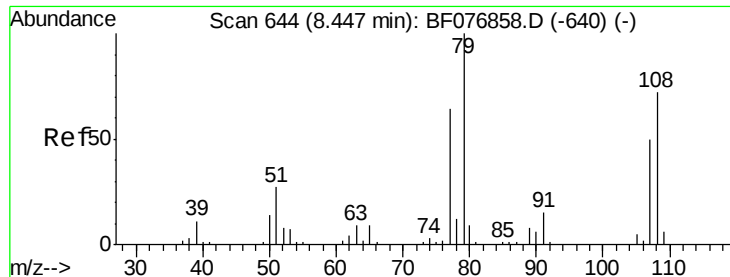
#14
 1,2-Dichlorobenzene
 Concen: 35.11 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:146 Resp: 62079
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.3 76.9
 111 41.8 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 36.30 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

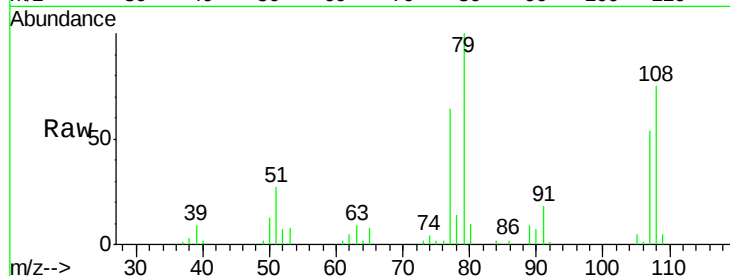
Tgt Ion: 79 Resp: 51119

Ion Ratio Lower Upper

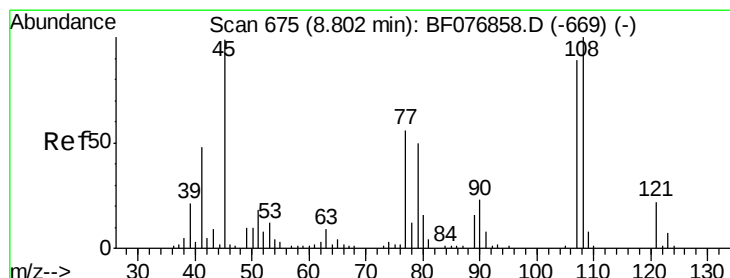
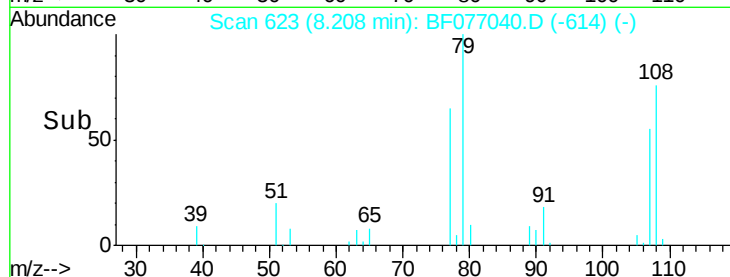
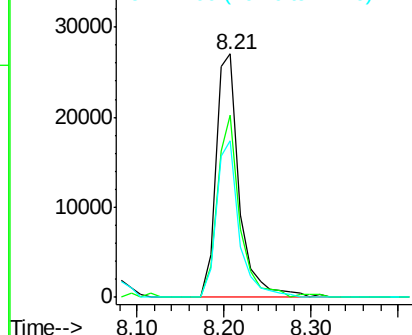
79 100

108 74.9 57.2 85.8

77 64.3 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.39 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

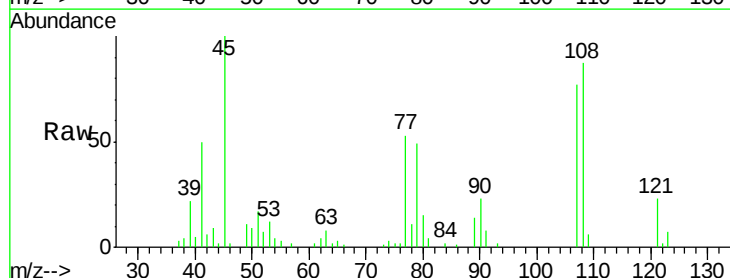
Tgt Ion: 45 Resp: 68792

Ion Ratio Lower Upper

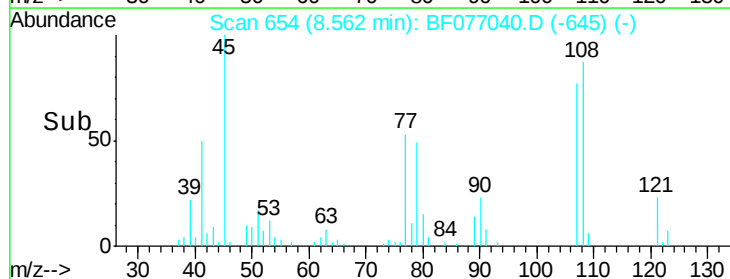
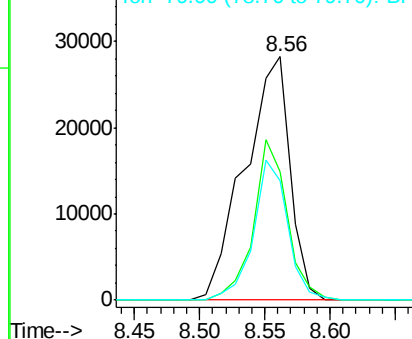
45 100

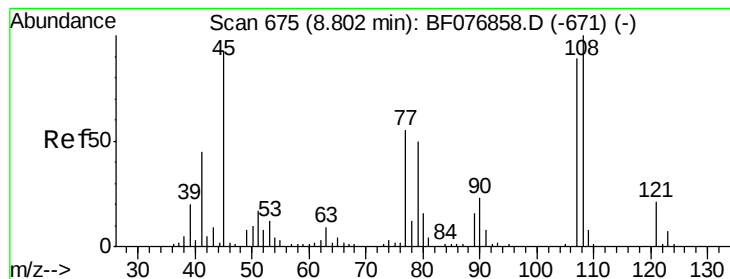
77 52.6 36.1 76.1

79 48.9 30.5 70.5



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





#17

2-Methylphenol

Concen: 34.79 ng

RT: 8.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

Tgt Ion:107 Resp: 45222

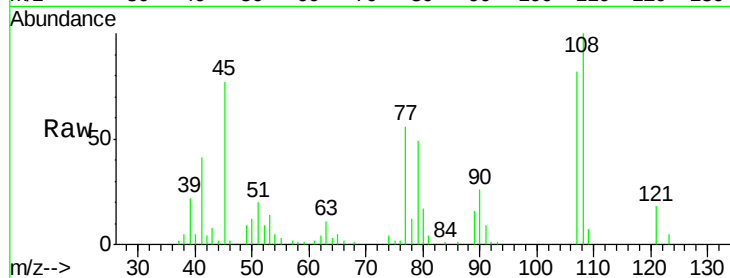
Ion Ratio Lower Upper

107 100

108 121.5 89.7 134.5

77 68.2 50.1 75.1

79 59.3 45.0 67.6



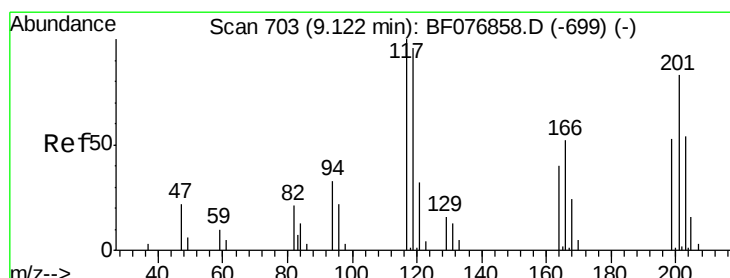
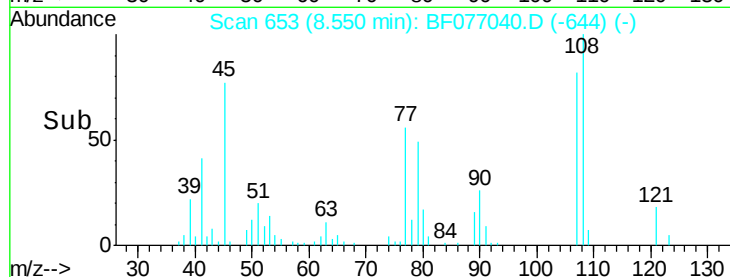
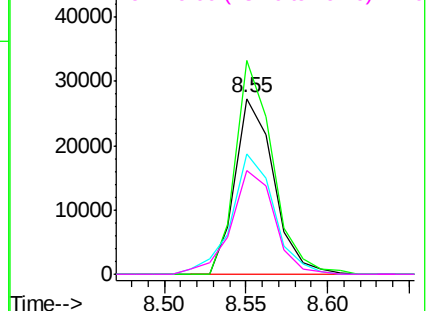
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.98 ng

RT: 8.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

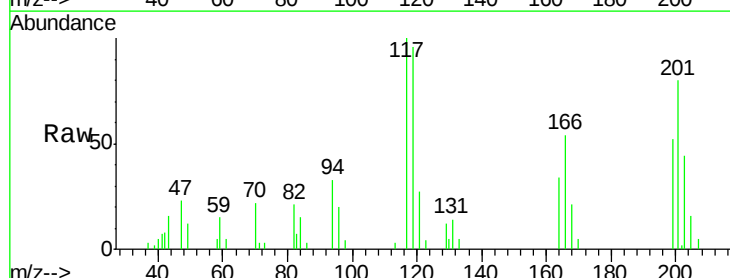
Tgt Ion:117 Resp: 24682

Ion Ratio Lower Upper

117 100

119 95.6 77.1 115.7

201 79.5 66.8 100.2

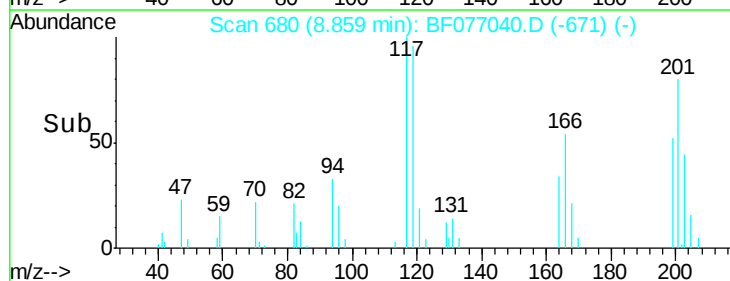
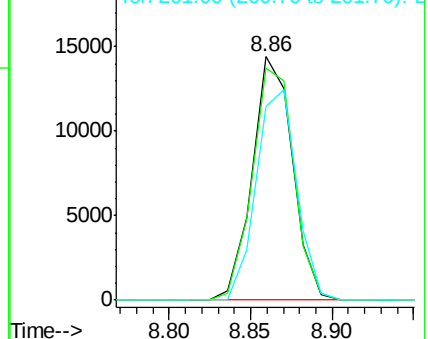


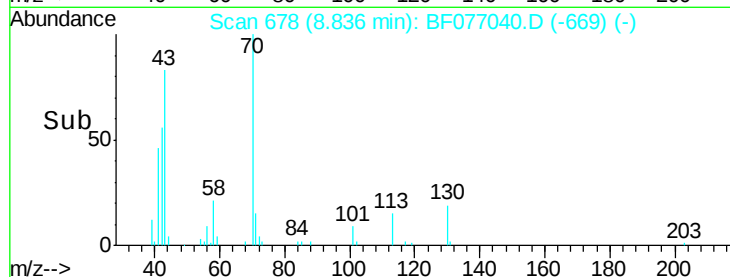
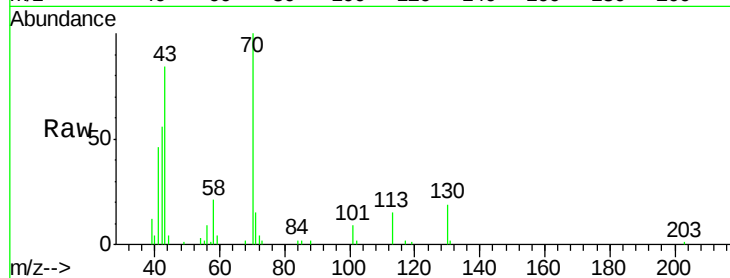
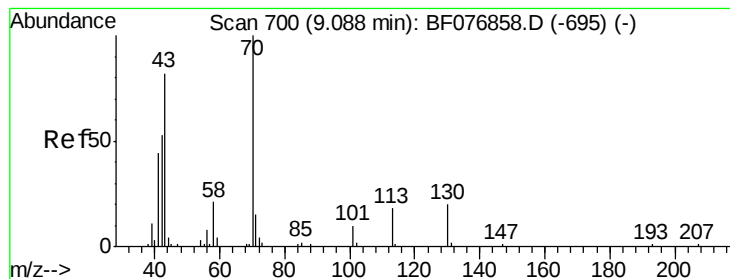
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.68 ng

RT: 8.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

Tgt Ion: 70 Resp: 42246

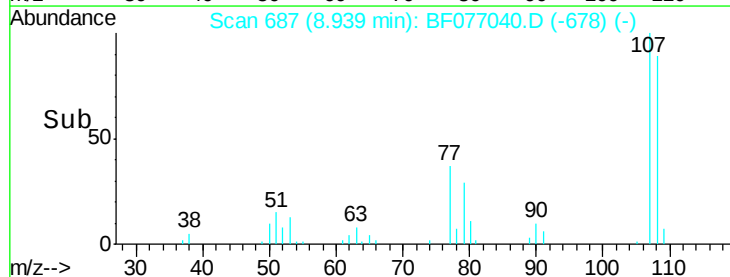
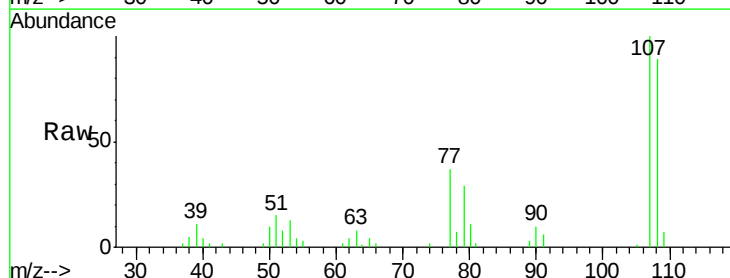
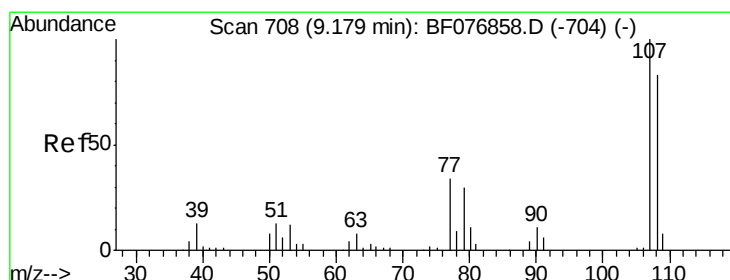
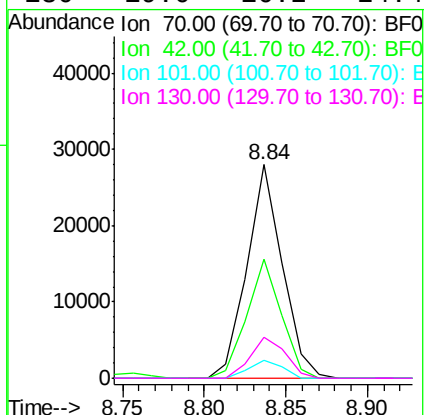
Ion Ratio Lower Upper

70 100

42 55.6 42.1 63.1

101 8.7 7.8 11.8

130 19.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 34.76 ng

RT: 8.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Tgt Ion: 107 Resp: 59827

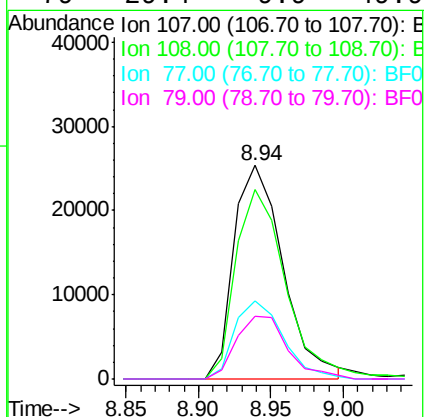
Ion Ratio Lower Upper

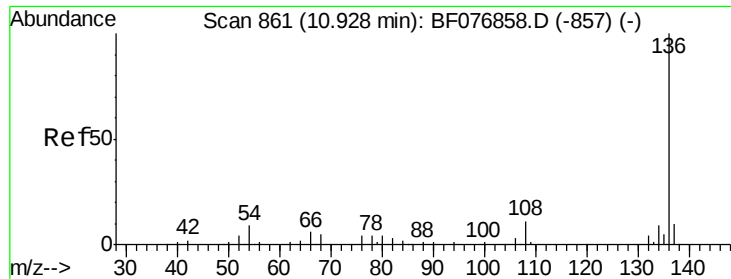
107 100

108 88.9 63.5 103.5

77 36.8 14.0 54.0

79 29.4 9.9 49.9

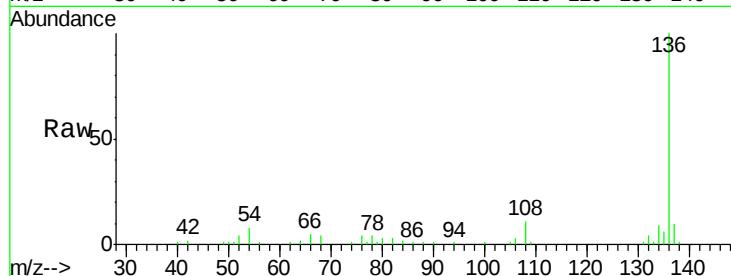




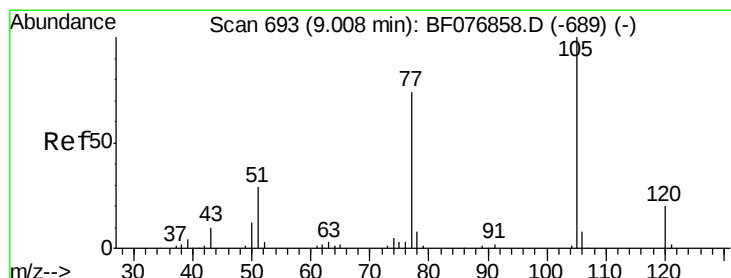
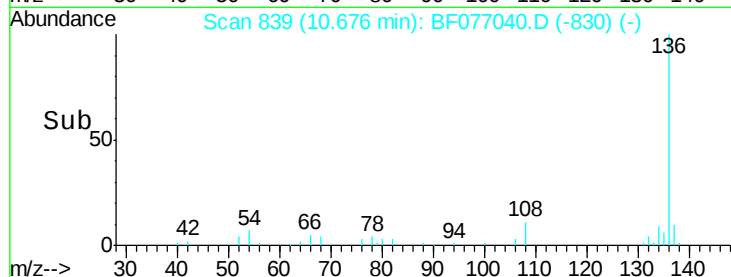
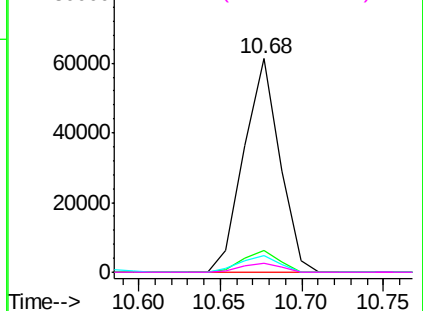
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:136 Resp: 93331
Ion Ratio Lower Upper
136 100
137 10.4 8.1 12.1
54 7.7 7.0 10.4
68 4.5 3.7 5.5



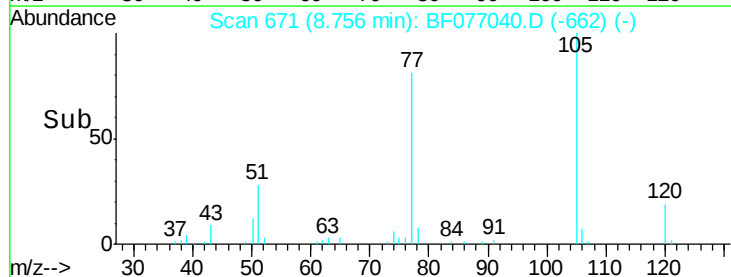
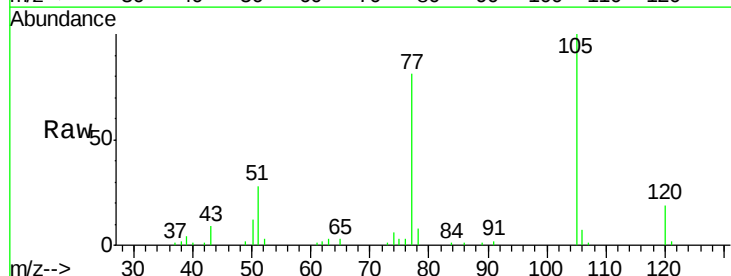
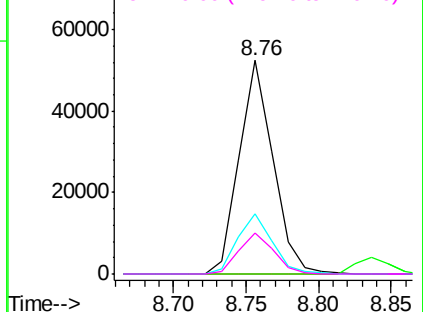
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

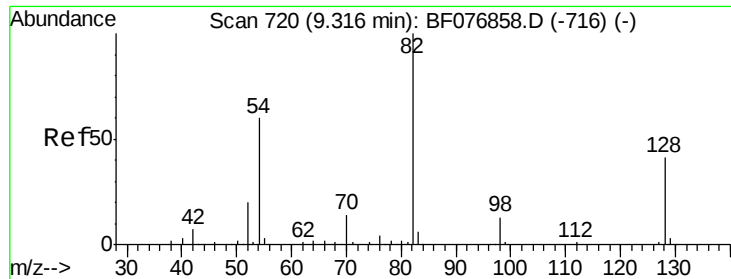


#22
Acetophenone
Concen: 37.23 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:105 Resp: 85114
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 28.4 23.3 34.9
120 19.4 16.1 24.1

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

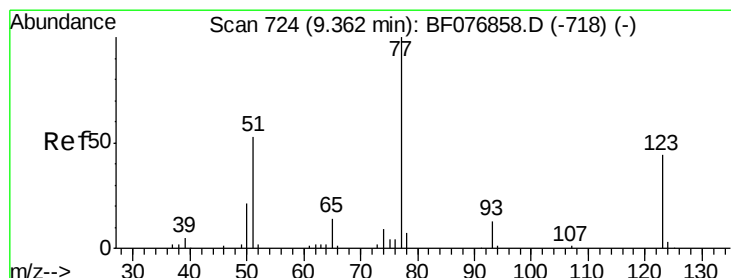
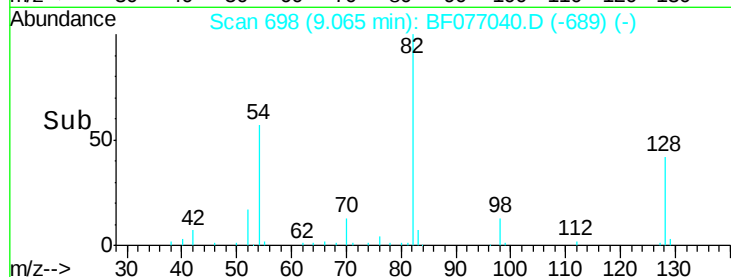
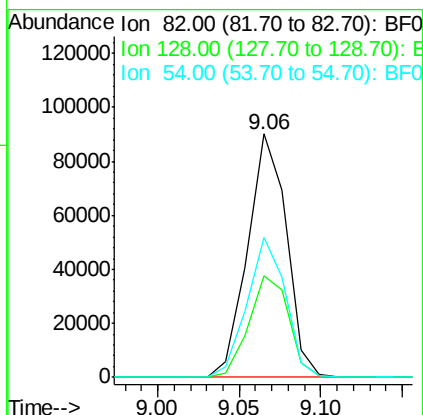
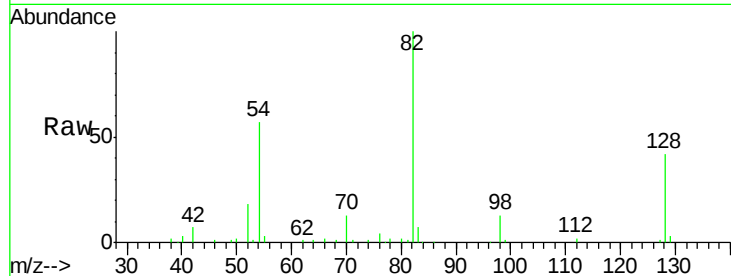




#23
 Nitrobenzene-d5
 Concen: 88.34 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

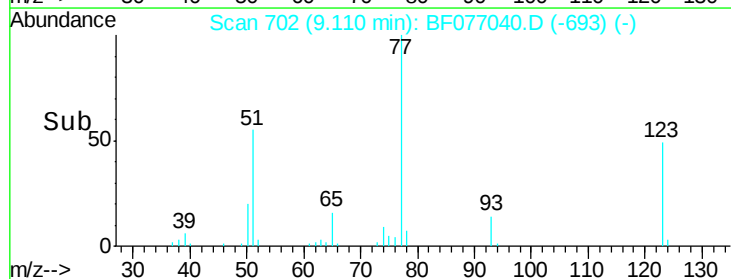
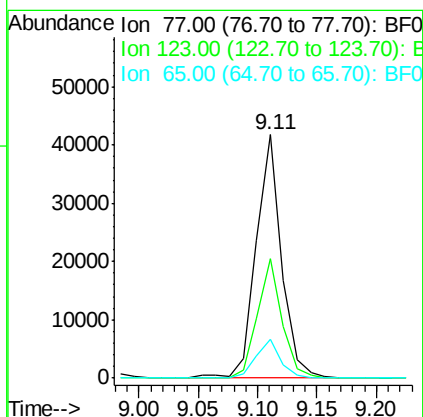
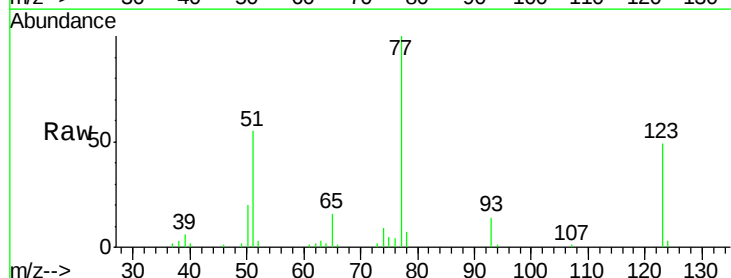
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

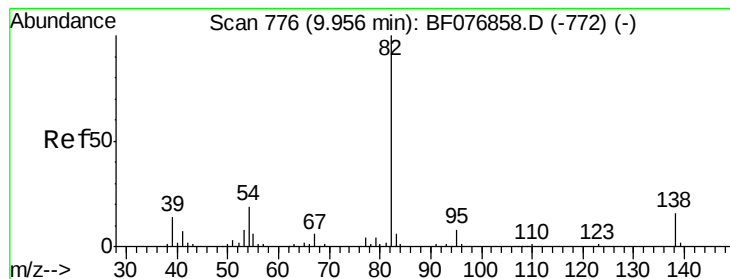
Tgt Ion: 82 Resp: 148823
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.1 49.7
 54 57.2 48.3 72.5



#24
 Nitrobenzene
 Concen: 36.41 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion: 77 Resp: 62483
 Ion Ratio Lower Upper
 77 100
 123 48.9 35.2 52.8
 65 15.9 11.4 17.2





#25

Isophorone

Concen: 36.65 ng

RT: 9.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

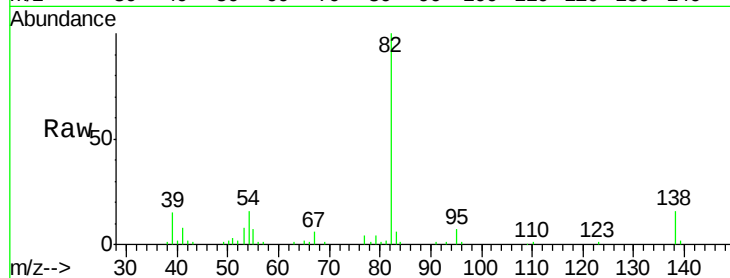
Tgt Ion: 82 Resp: 112432

Ion Ratio Lower Upper

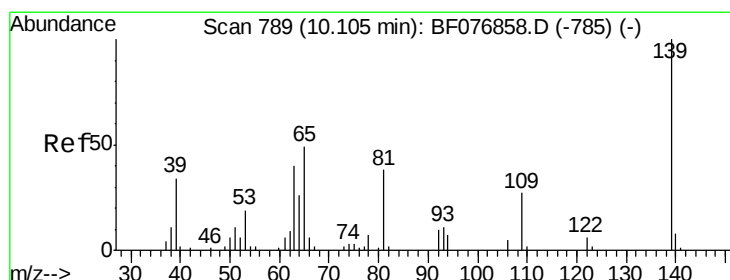
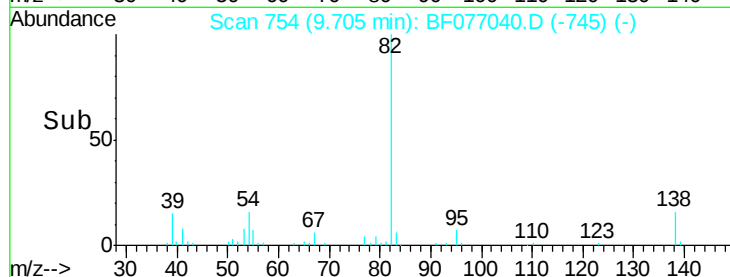
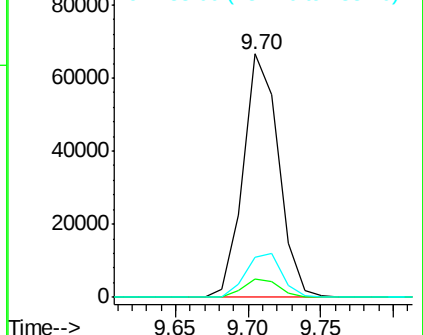
82 100

95 7.4 6.6 10.0

138 16.4 12.6 18.8



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



#26

2-Nitrophenol

Concen: 35.39 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

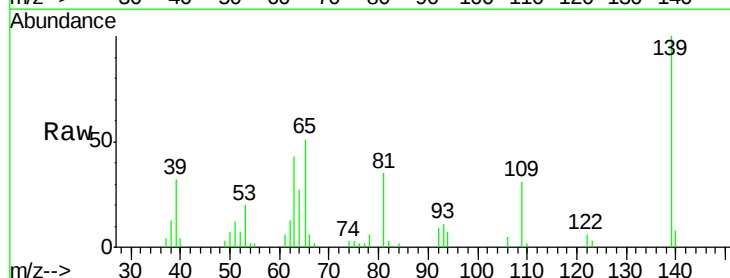
Tgt Ion: 139 Resp: 30675

Ion Ratio Lower Upper

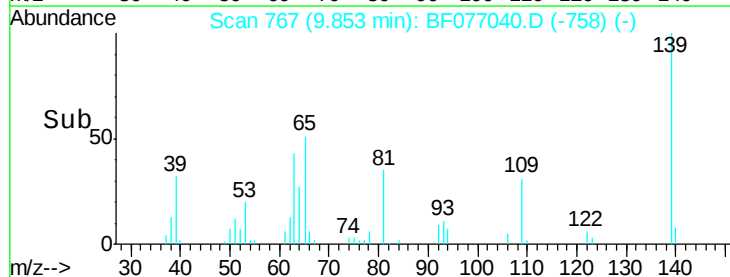
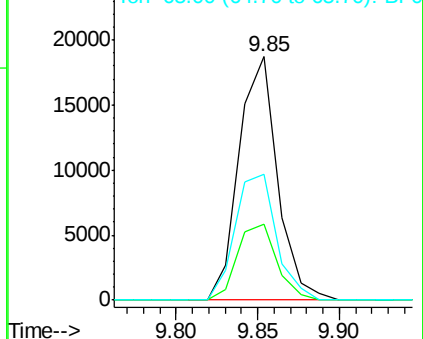
139 100

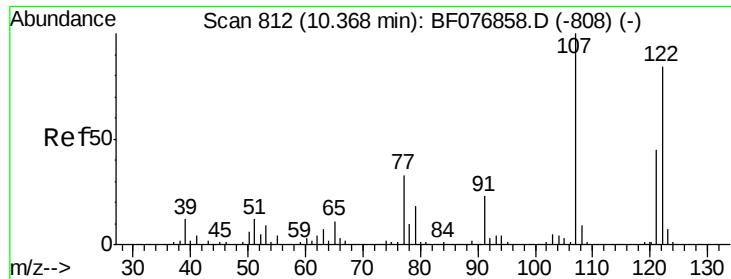
109 31.0 21.3 31.9

65 51.4 39.4 59.0



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

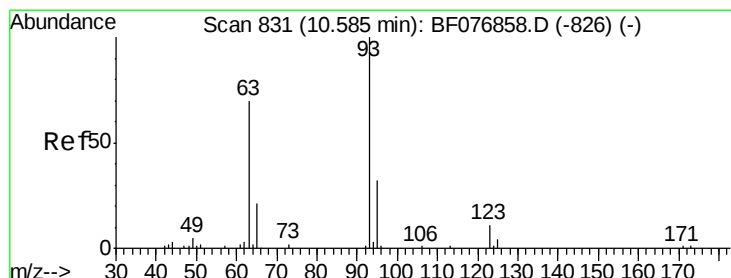
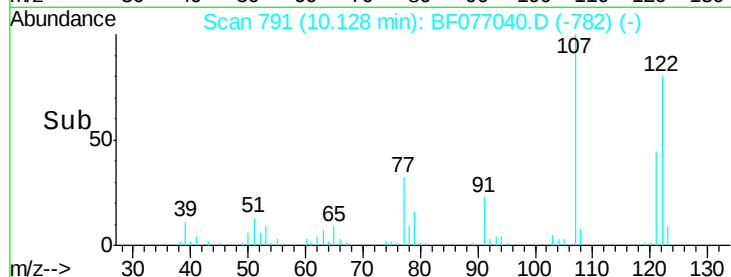
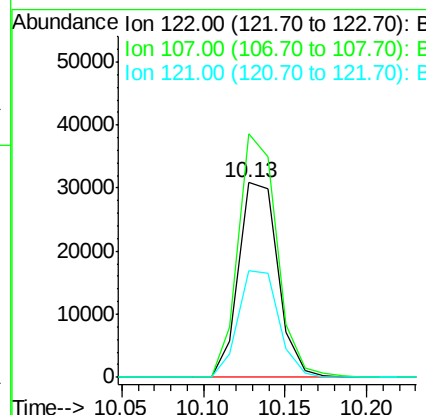
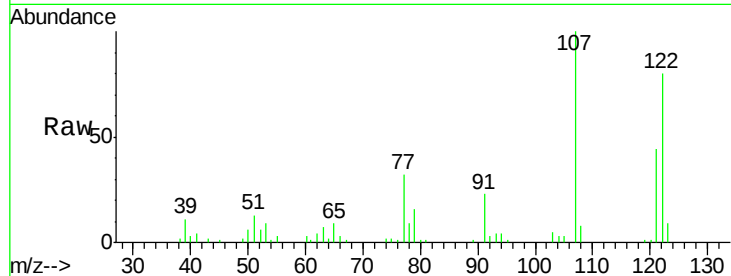




#27
 2,4-Dimethylphenol
 Concen: 38.89 ng
 RT: 10.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

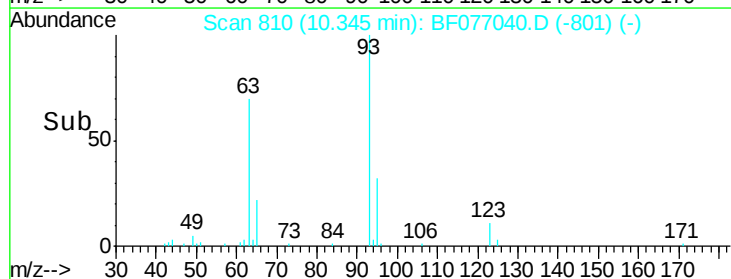
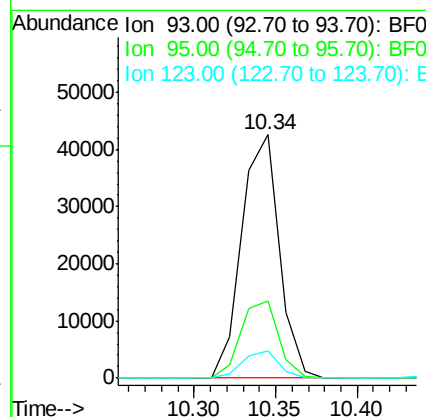
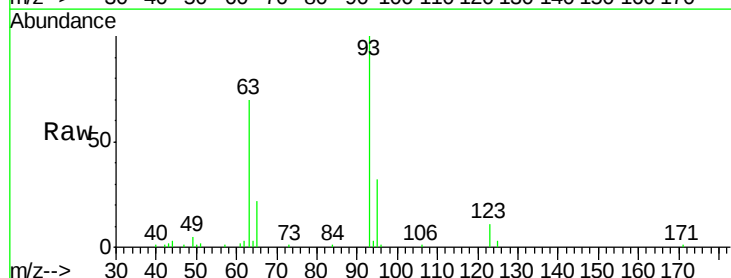
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

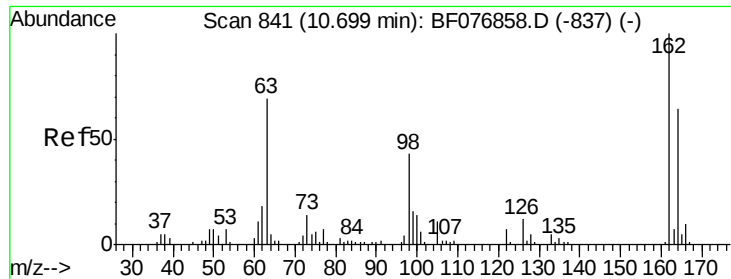
Tgt Ion: 122 Resp: 51609
 Ion Ratio Lower Upper
 122 100
 107 125.0 95.2 142.8
 121 54.5 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.91 ng
 RT: 10.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion: 93 Resp: 67856
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.6 38.4
 123 11.2 8.9 13.3

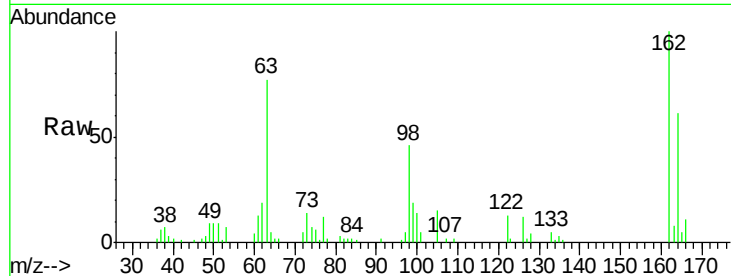




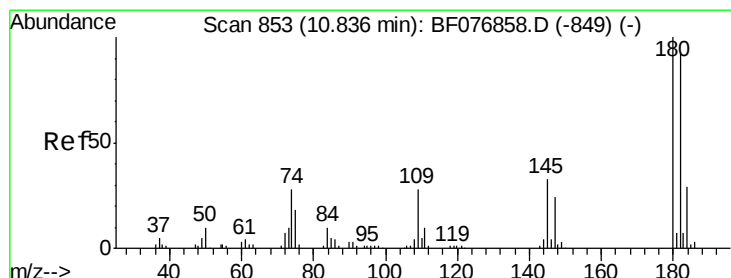
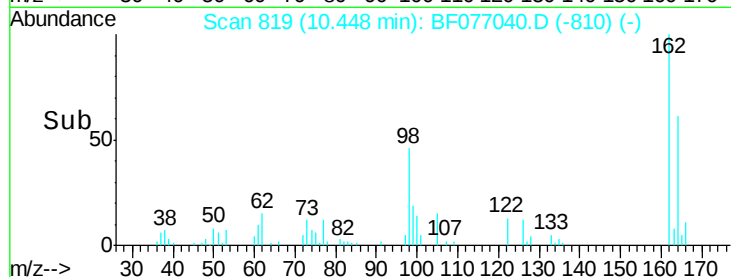
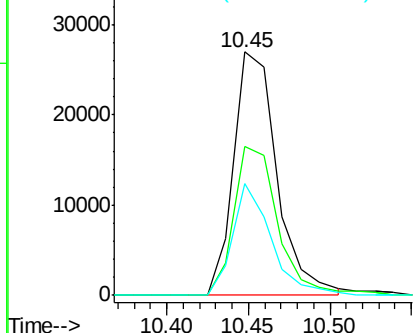
#29
2,4-Dichlorophenol
Concen: 40.07 ng
RT: 10.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:162 Resp: 49561
Ion Ratio Lower Upper
162 100
164 61.4 43.8 83.8
98 45.8 22.5 62.5

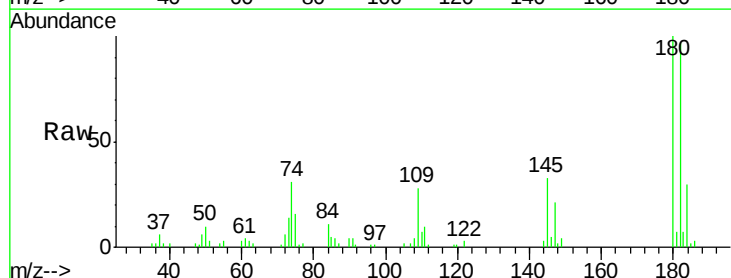


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

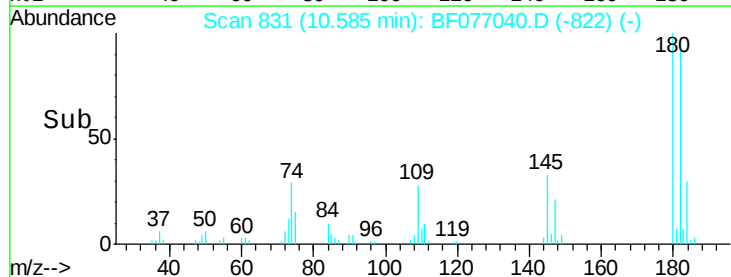
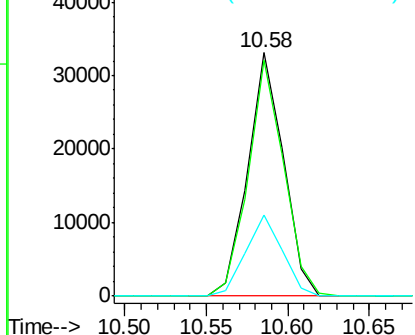


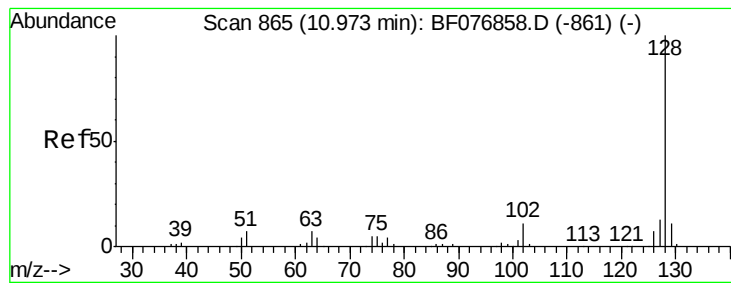
#30
1,2,4-Trichlorobenzene
Concen: 36.56 ng
RT: 10.58 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:180 Resp: 50230
Ion Ratio Lower Upper
180 100
182 97.0 73.6 110.4
145 33.3 26.6 39.8



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





#31

Naphthalene

Concen: 35.67 ng

RT: 10.72 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

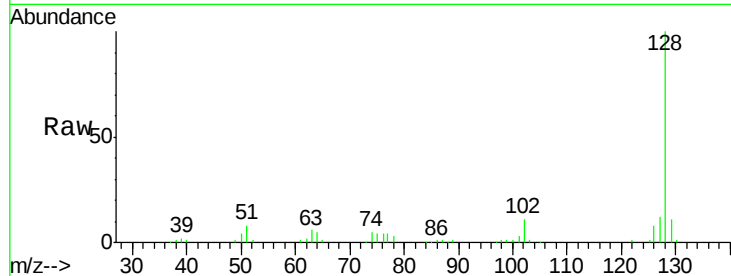
Tgt Ion:128 Resp: 171401

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

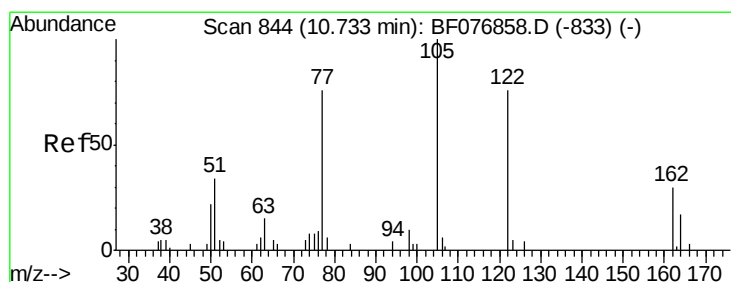
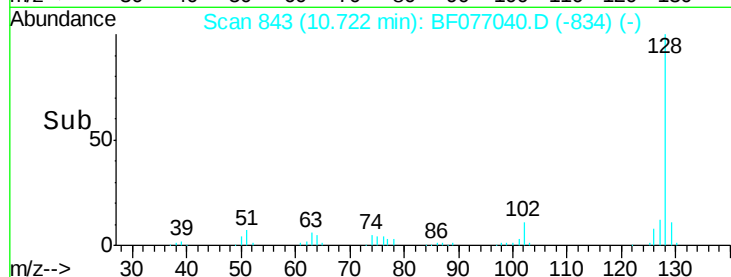
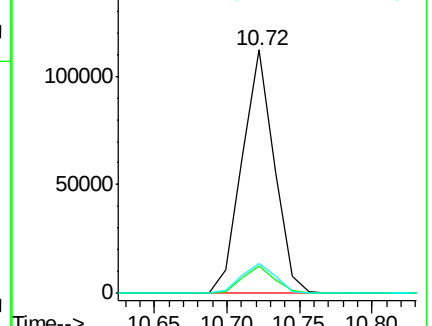
127 12.5 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.09 ng m

RT: 10.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

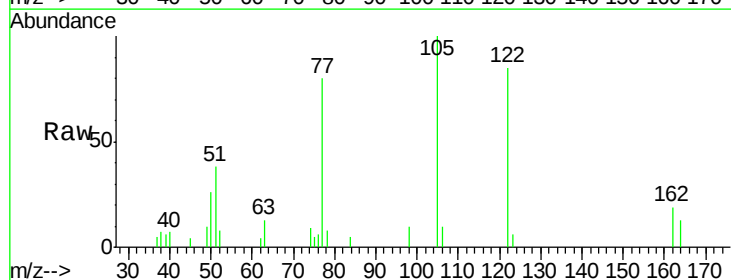
Tgt Ion:122 Resp: 24331

Ion Ratio Lower Upper

122 100

105 117.6 111.3 151.3

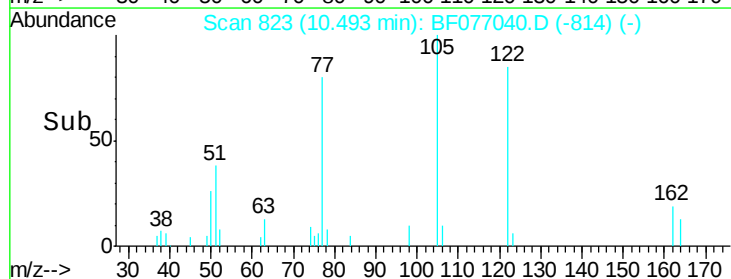
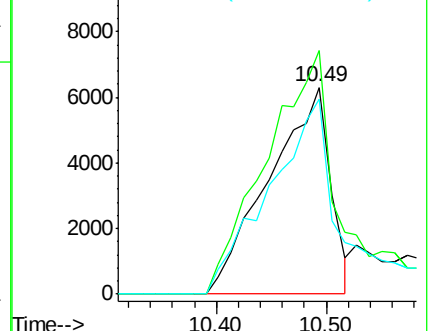
77 94.2 79.2 119.2

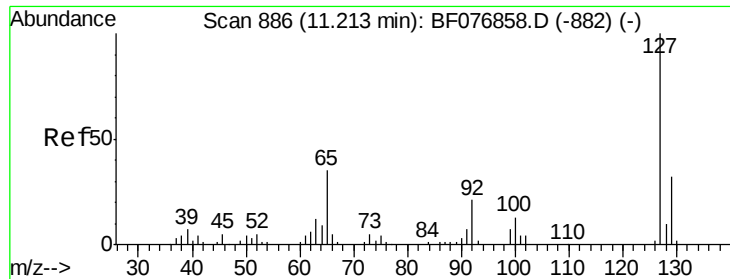


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

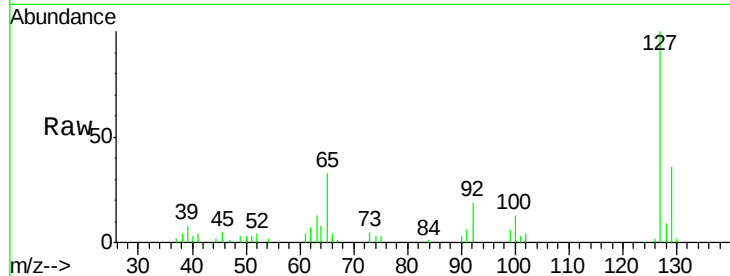




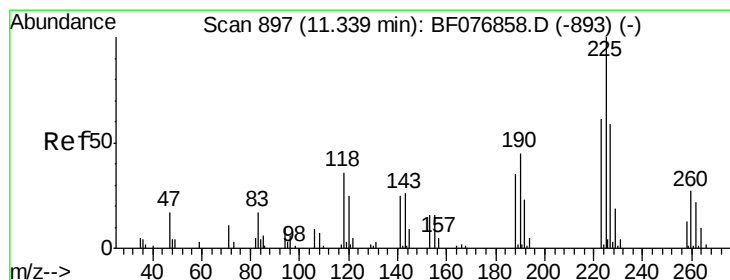
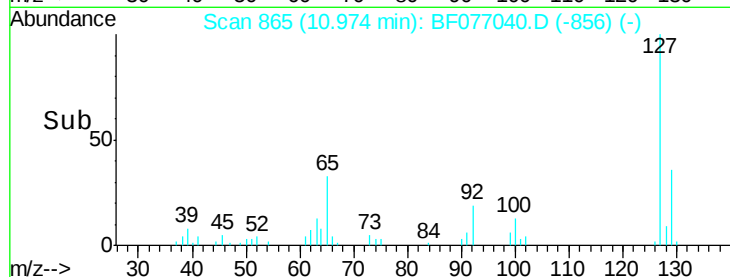
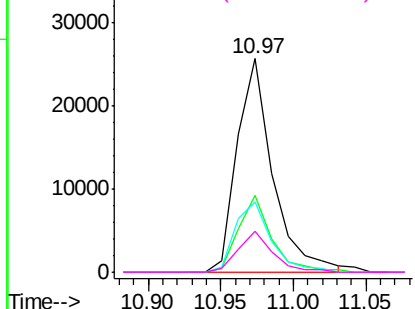
#33
4-Chloroaniline
Concen: 22.53 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:	127	Resp:	43738
Ion	Ratio	Lower	Upper
127	100		
129	36.0	25.3	37.9
65	32.9	27.8	41.6
92	19.3	16.5	24.7

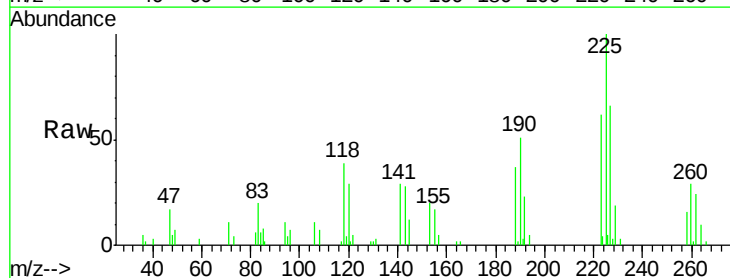


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

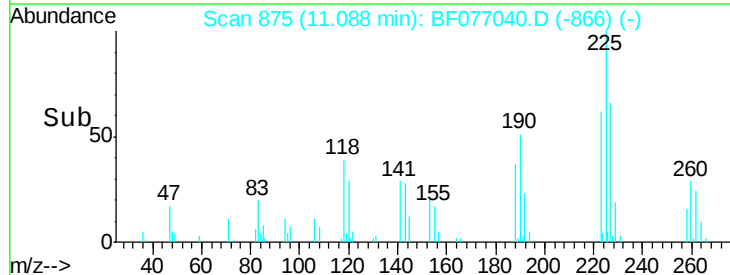
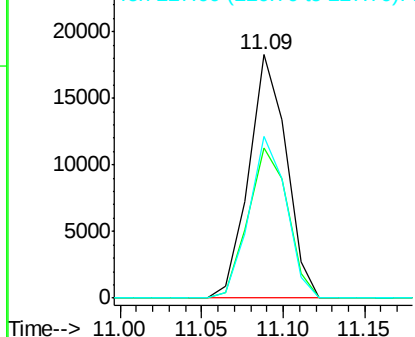


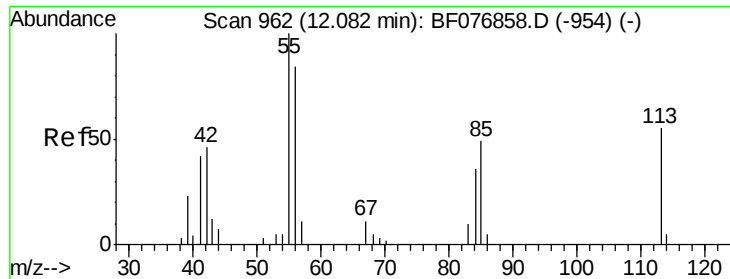
#34
Hexachlorobutadiene
Concen: 35.74 ng
RT: 11.09 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:	225	Resp:	29133
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.1	73.7
227	66.4	47.5	71.3



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

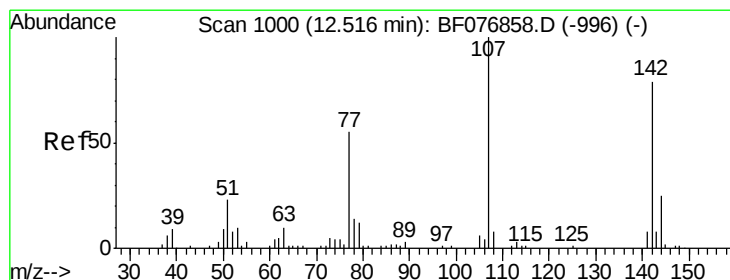
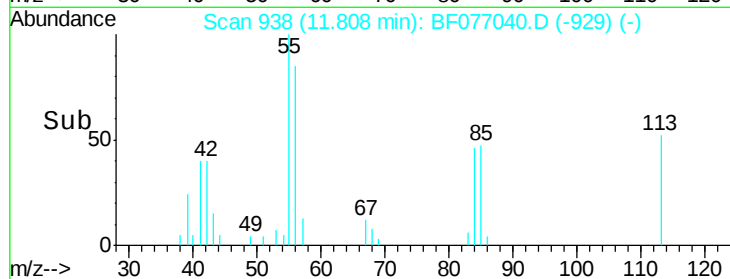
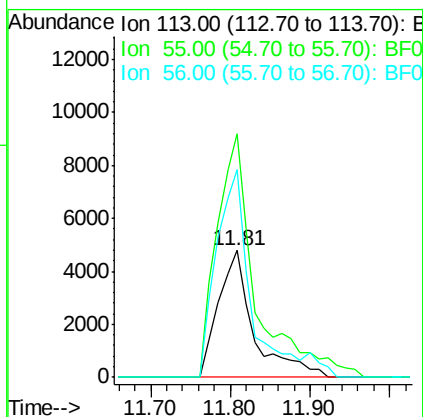
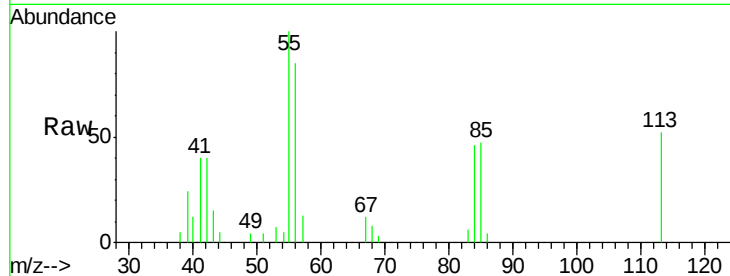




#35
 Caprolactam
 Concen: 40.29 ng m
 RT: 11.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

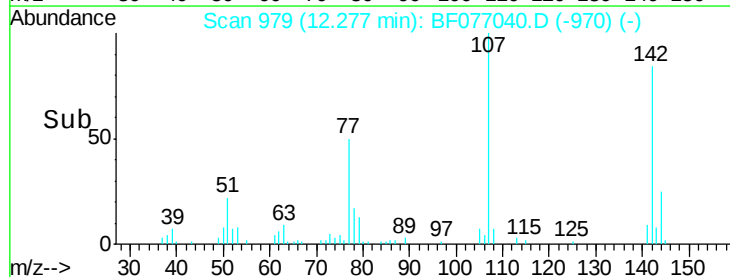
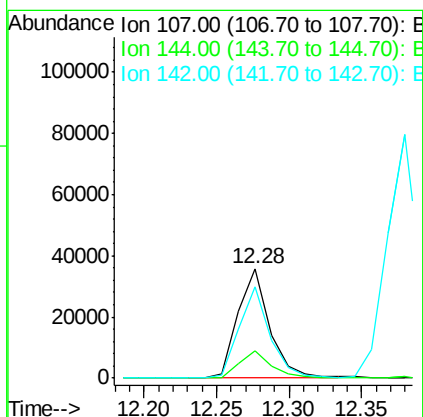
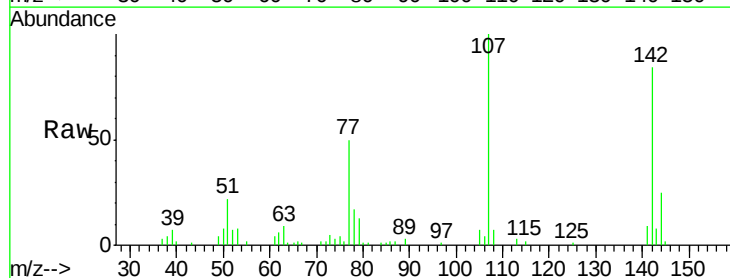
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

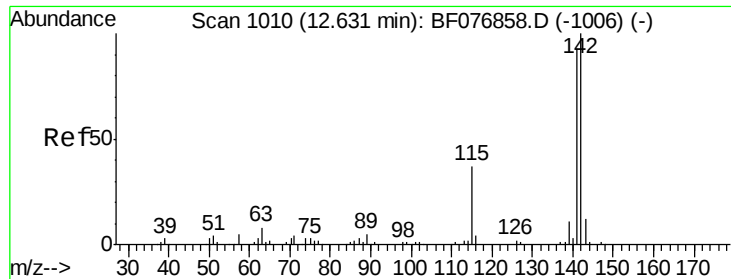
Tgt Ion:113 Resp: 14673
 Ion Ratio Lower Upper
 113 100
 55 191.7 162.1 202.1
 56 163.5 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.30 ng
 RT: 12.28 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:107 Resp: 54245
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 83.9 63.5 95.3

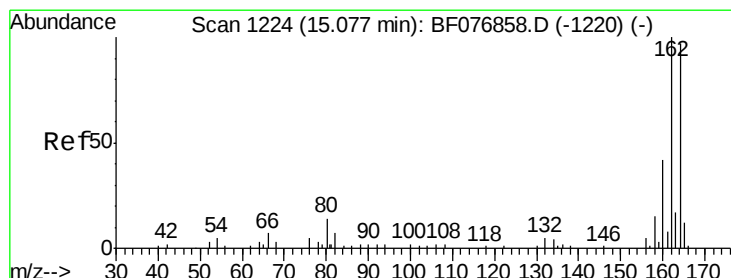
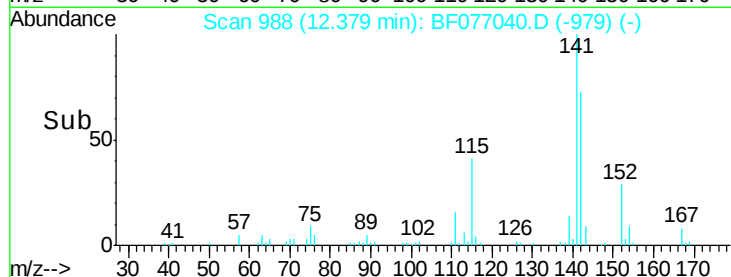
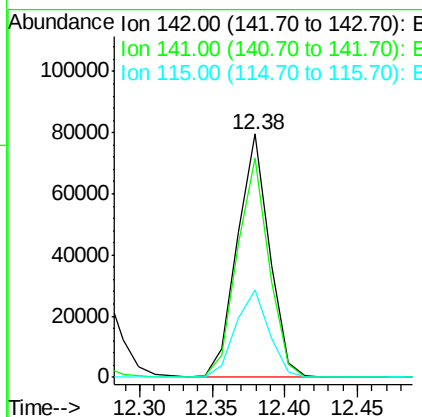
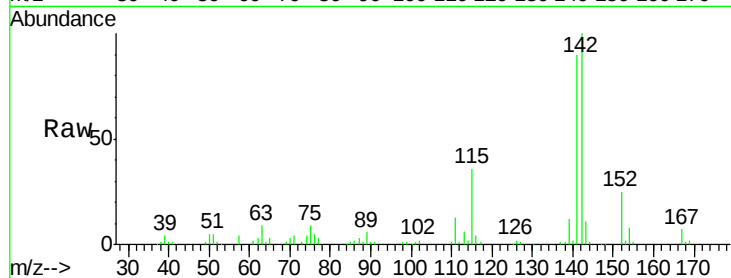




#37
2-Methylnaphthalene
Concen: 37.55 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

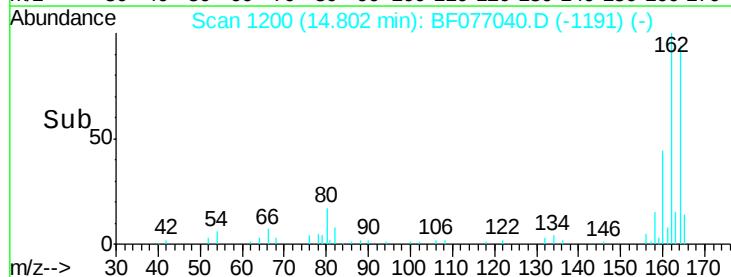
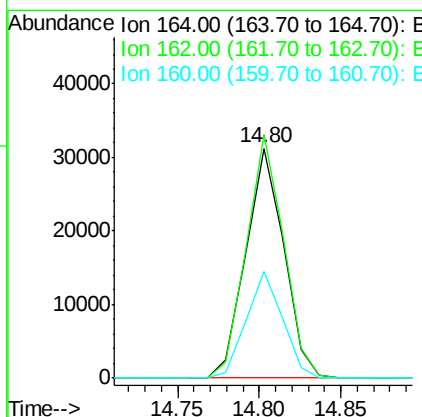
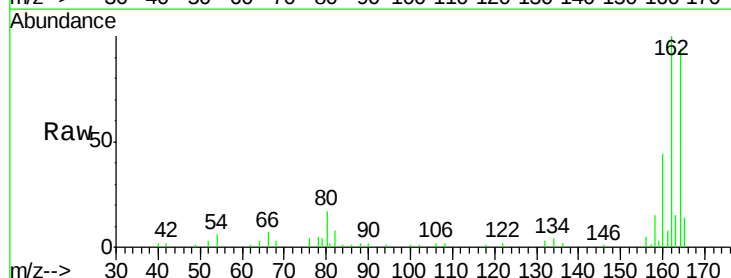
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

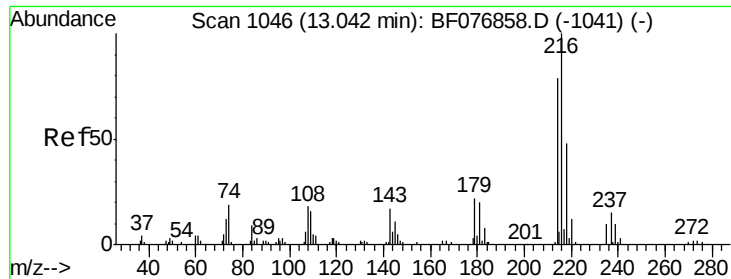
Tgt Ion:142 Resp: 123208
Ion Ratio Lower Upper
142 100
141 89.8 74.5 111.7
115 36.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:164 Resp: 50486
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 46.6 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.38 ng

RT: 12.78 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

Tgt Ion:216 Resp: 49158

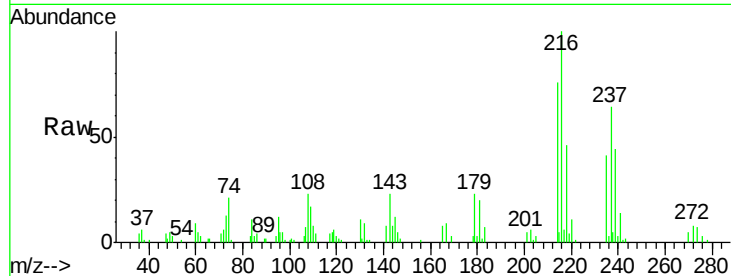
Ion Ratio Lower Upper

216 100

214 78.2 64.9 97.3

179 24.1 18.6 28.0

108 25.4 18.1 27.1

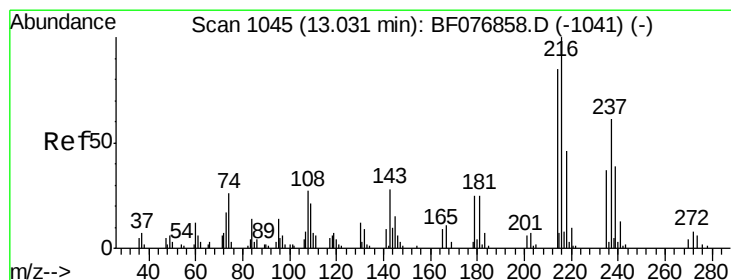
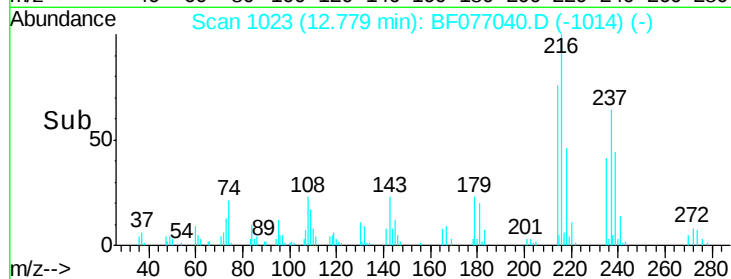
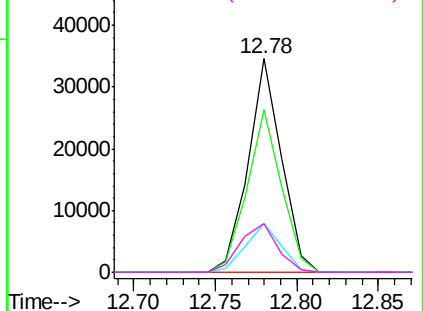


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.97 ng

RT: 12.77 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

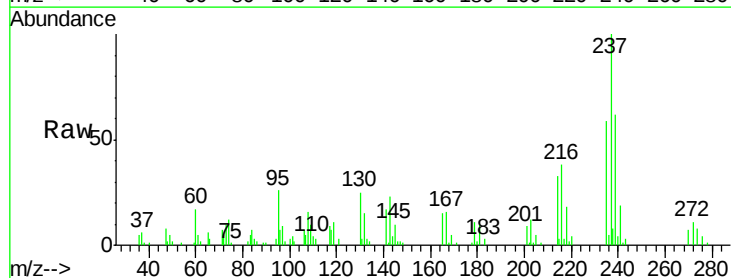
Tgt Ion:237 Resp: 53024

Ion Ratio Lower Upper

237 100

235 58.8 40.4 80.4

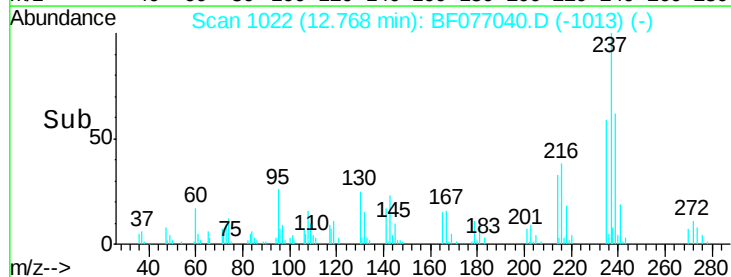
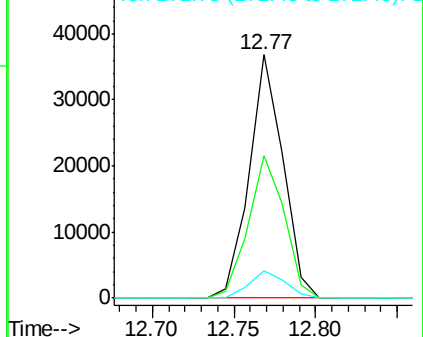
272 11.0 0.0 33.2

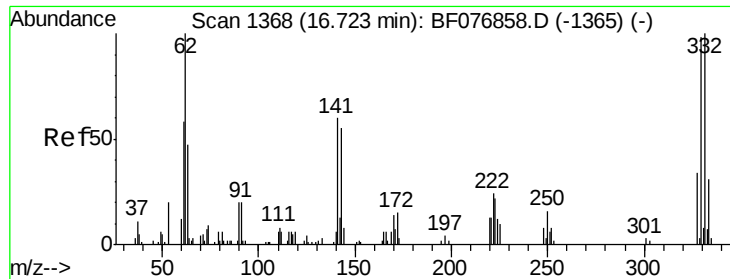


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

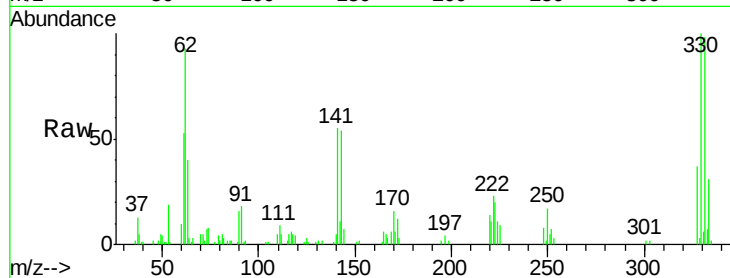




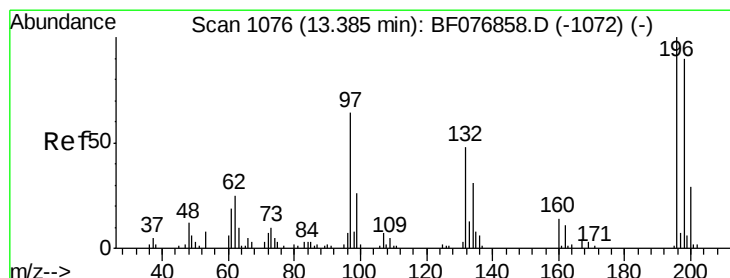
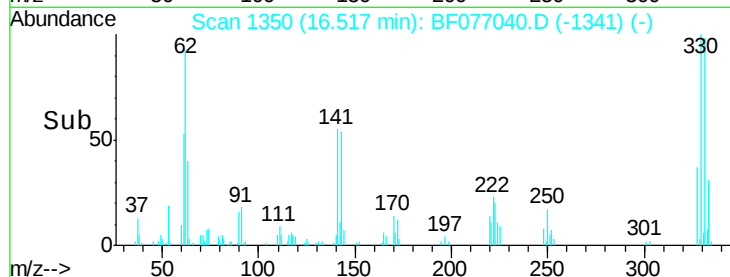
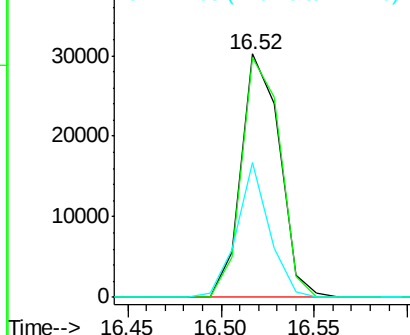
#41
 2,4,6-Tribromophenol
 Concen: 105.53 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:330 Resp: 43247
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.8 116.6
 141 47.4 38.5 57.7

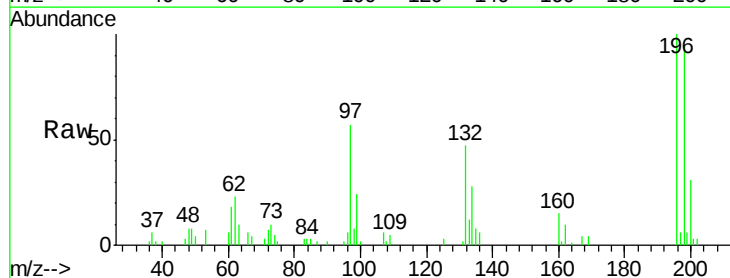


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

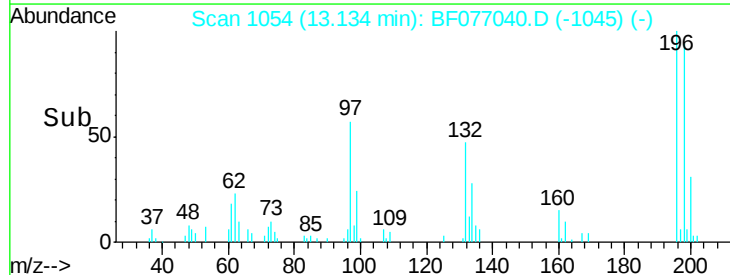
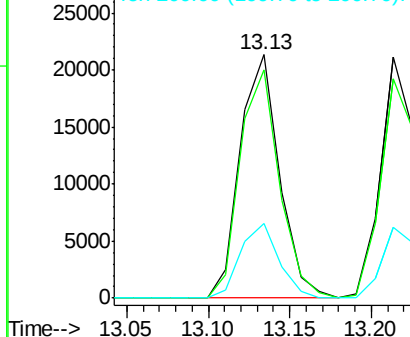


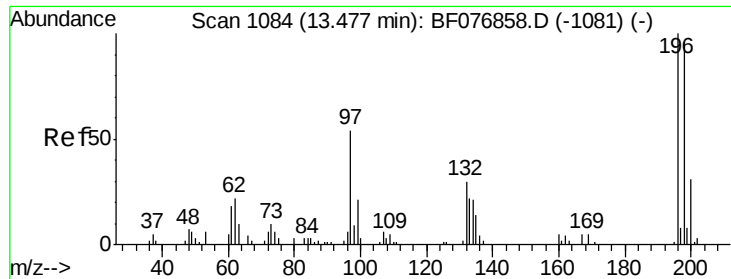
#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 13.13 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:196 Resp: 35740
 Ion Ratio Lower Upper
 196 100
 198 93.6 72.0 108.0
 200 30.6 23.4 35.2



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

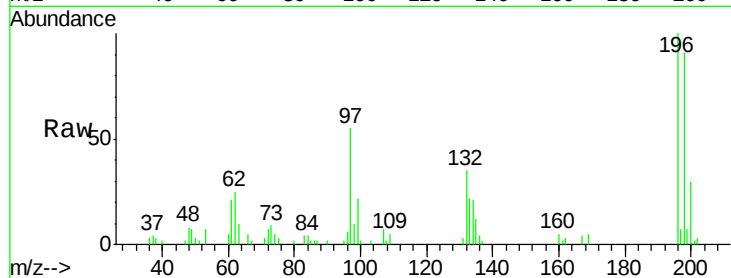




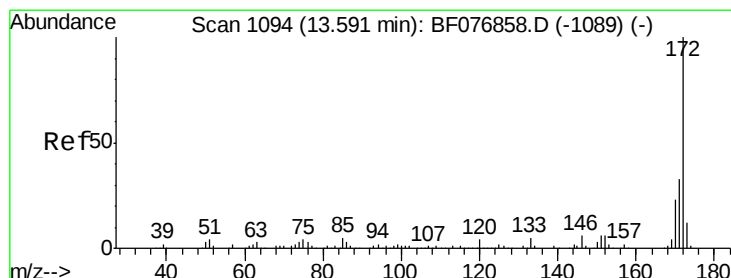
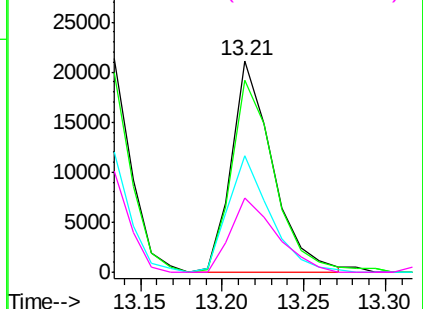
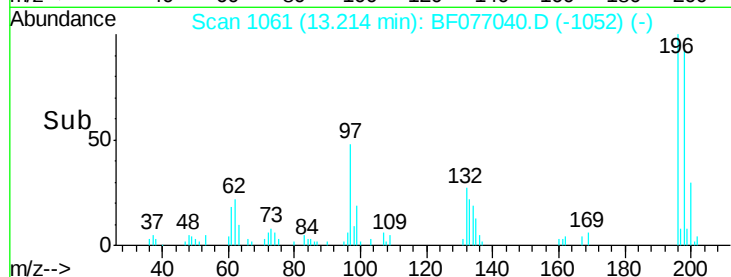
#43
 2,4,5-Trichlorophenol
 Concen: 39.77 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:196 Resp: 36891
 Ion Ratio Lower Upper
 196 100
 198 90.7 76.6 115.0
 97 55.4 43.4 65.0
 132 35.0 23.7 35.5

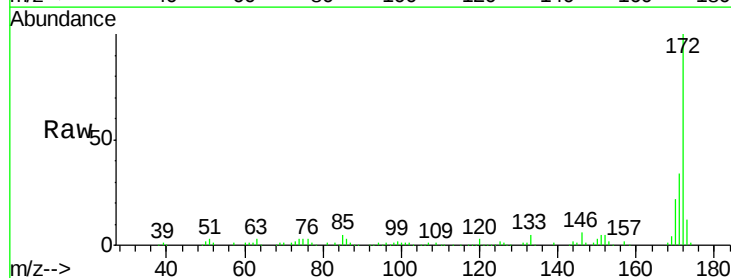


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

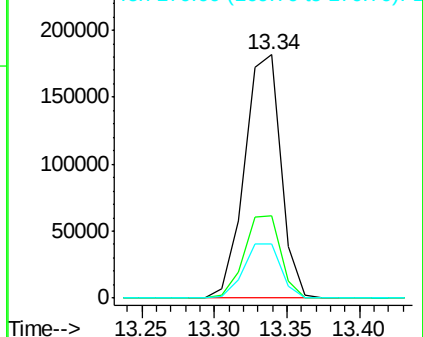
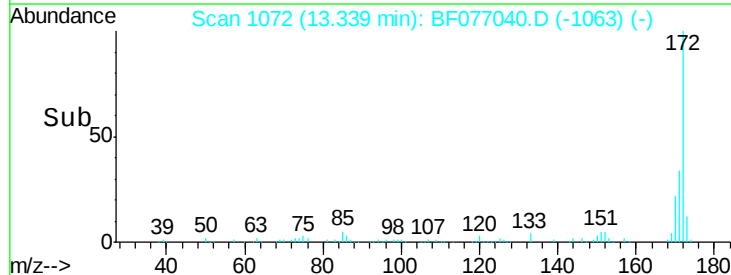


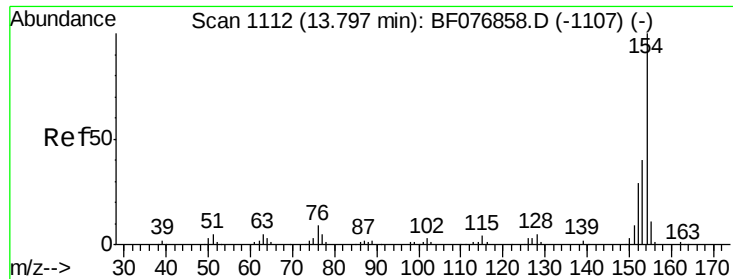
#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:172 Resp: 314612
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 22.3 18.0 27.0



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

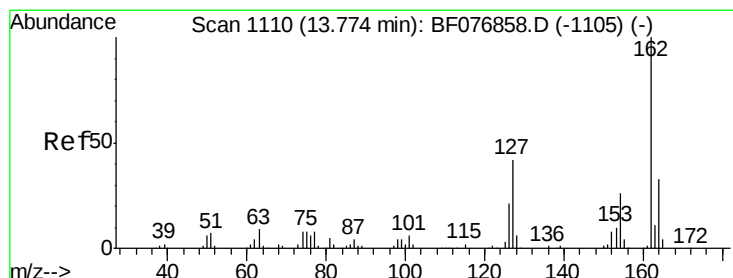
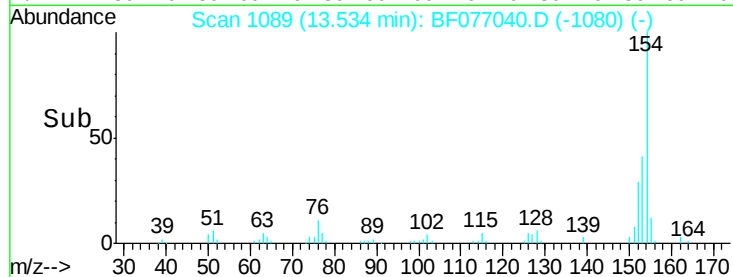
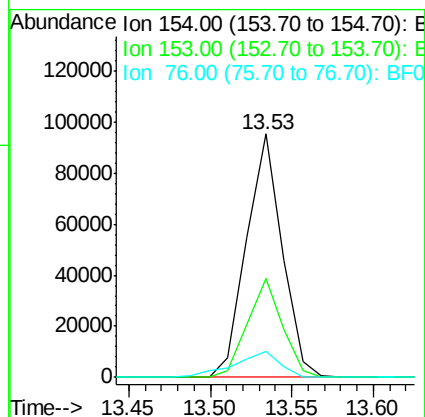
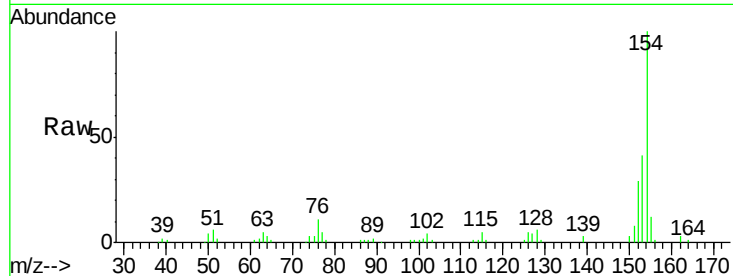




#45
 1,1'-Biphenyl
 Concen: 38.53 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

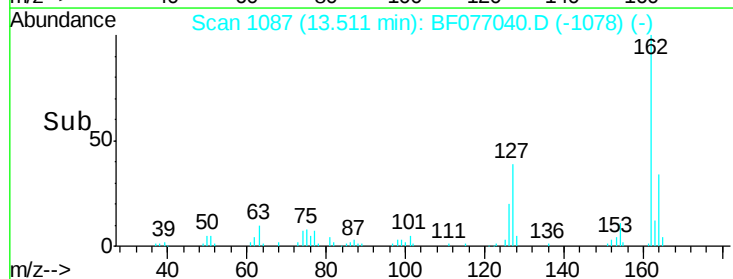
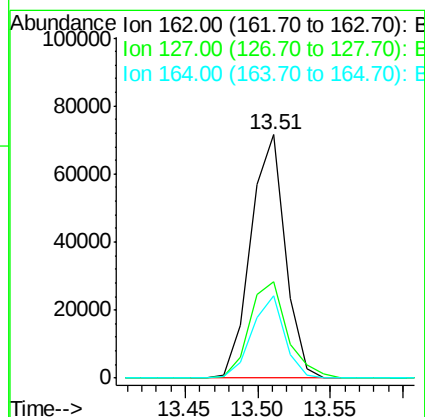
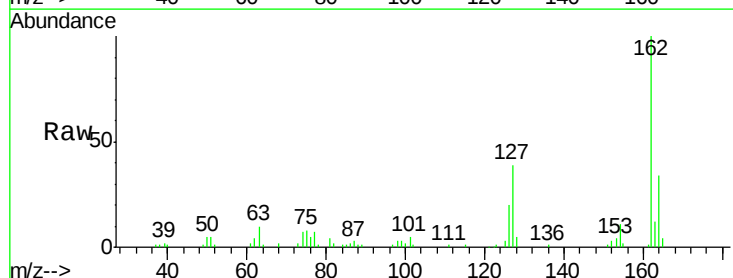
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

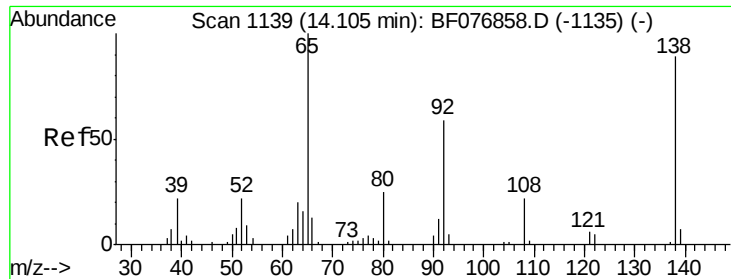
Tgt Ion:154 Resp: 144210
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.2 60.2
 76 10.8 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:162 Resp: 117313
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.8 50.6
 164 33.6 26.8 40.2

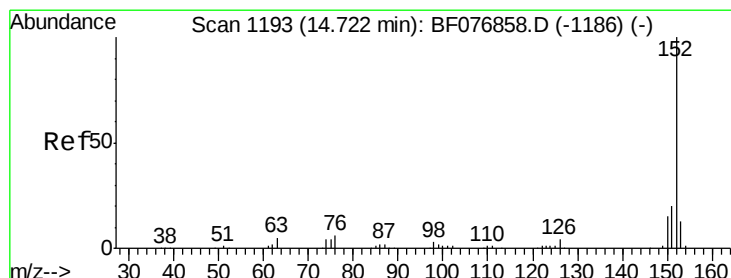
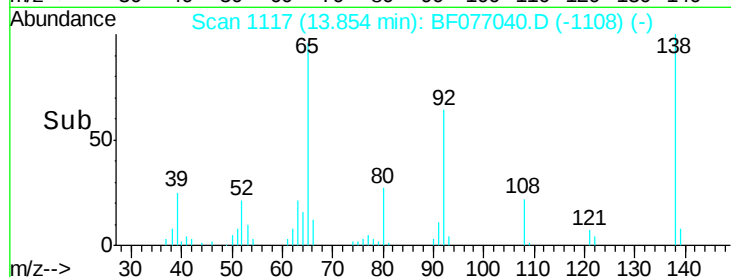
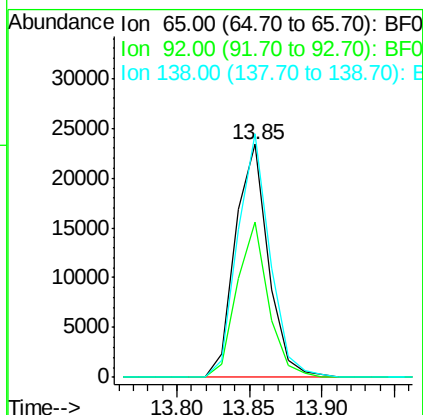
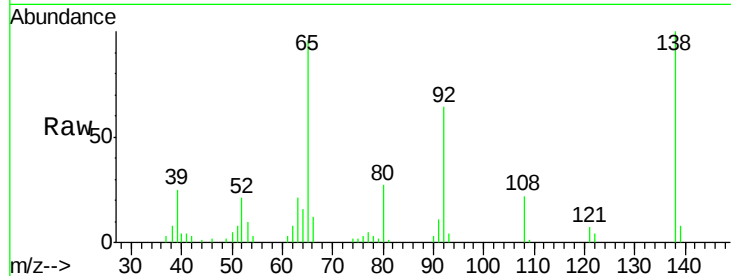




#47
 2-Nitroaniline
 Concen: 39.63 ng
 RT: 13.85 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

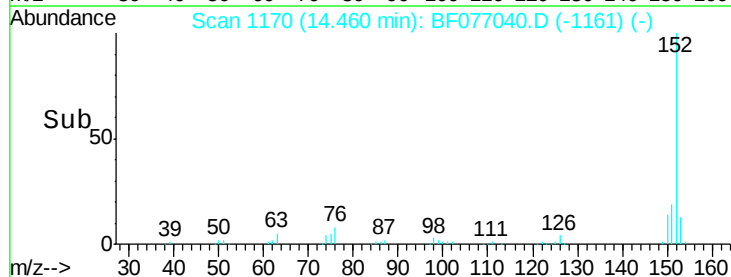
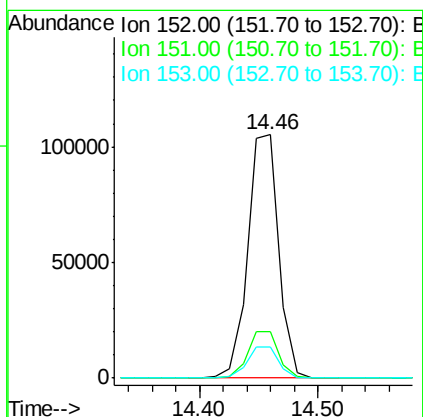
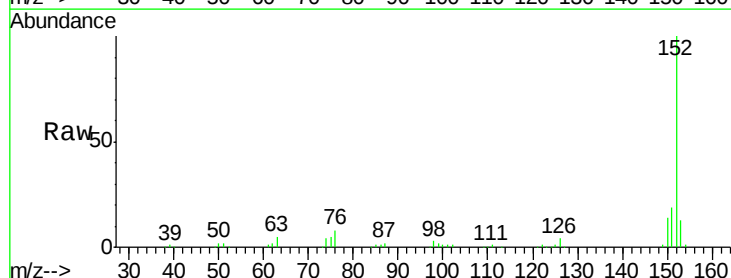
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

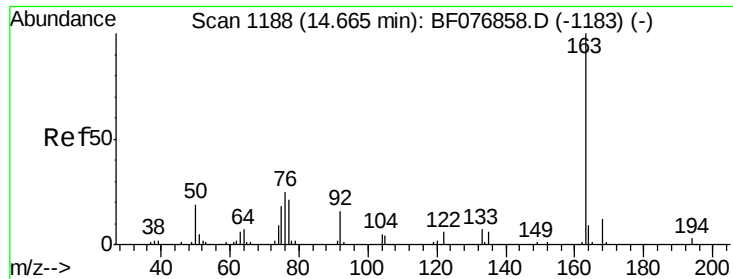
Tgt Ion: 65 Resp: 37024
 Ion Ratio Lower Upper
 65 100
 92 66.8 47.3 70.9
 138 104.6 71.4 107.2



#48
 Acenaphthylene
 Concen: 36.84 ng
 RT: 14.46 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion: 152 Resp: 191385
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.9 23.9
 153 12.5 10.2 15.4

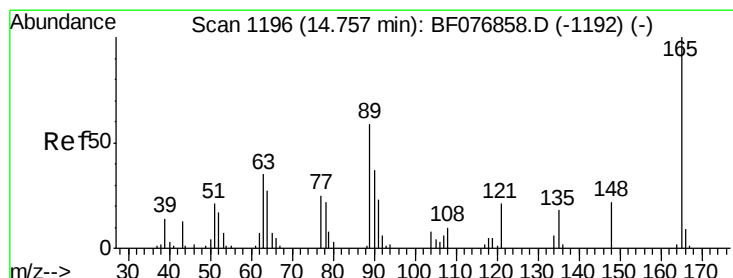
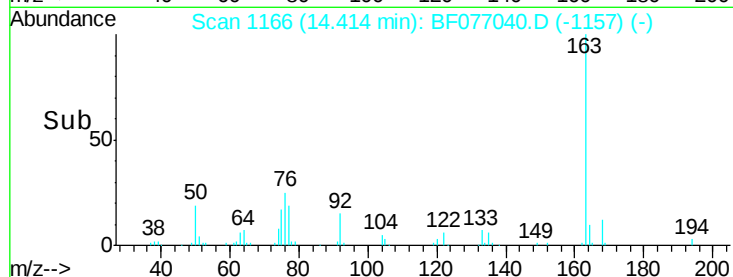
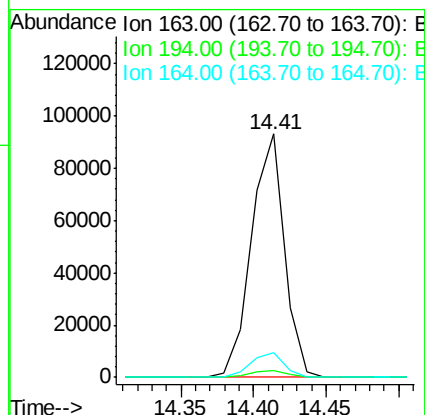
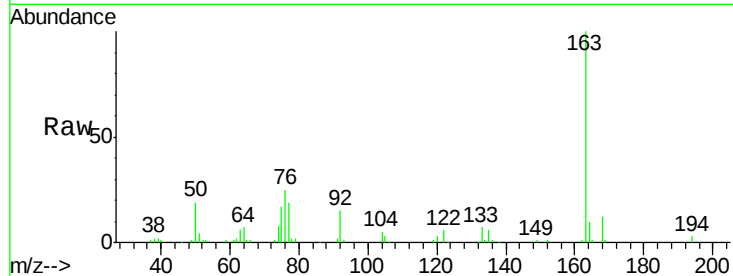




#49
Dimethylphthalate
Concen: 41.01 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

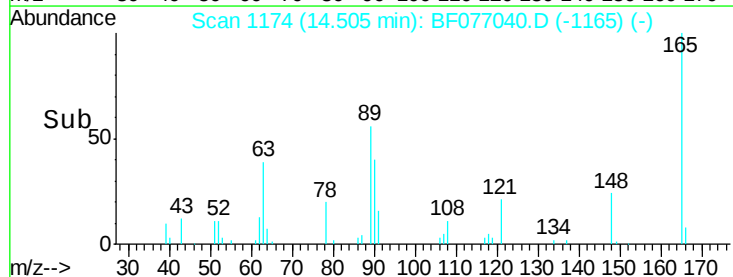
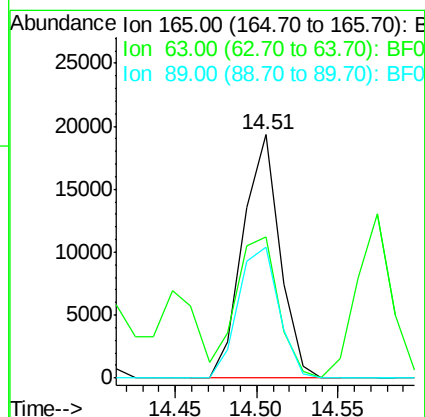
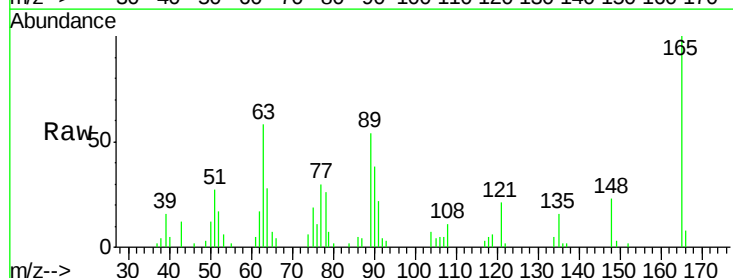
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

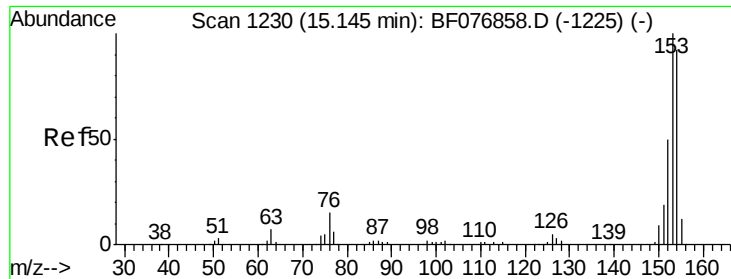
Tgt Ion:163 Resp: 146823
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.2 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 42.39 ng
RT: 14.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:165 Resp: 30323
Ion Ratio Lower Upper
165 100
63 58.2 48.1 72.1
89 53.7 47.2 70.8





#51

Acenaphthene

Concen: 36.88 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

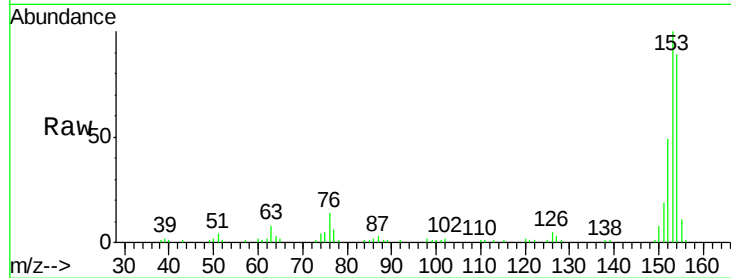
Tgt Ion:154 Resp: 108705

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.6

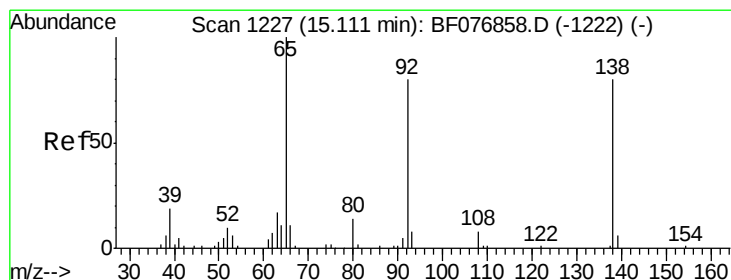
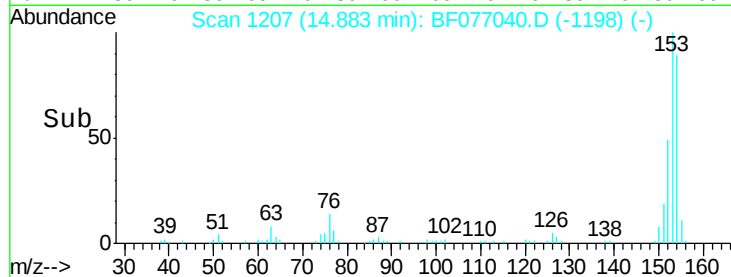
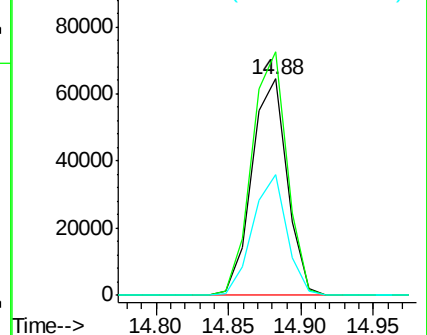
152 55.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.44 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

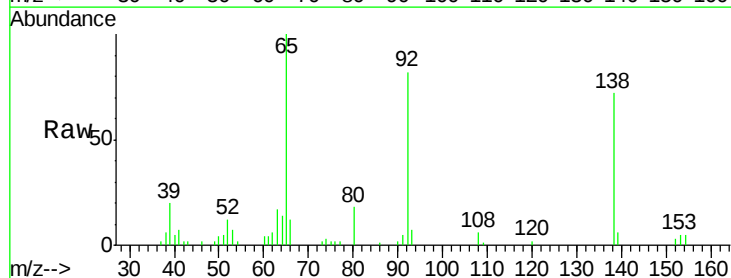
Tgt Ion:138 Resp: 24875

Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

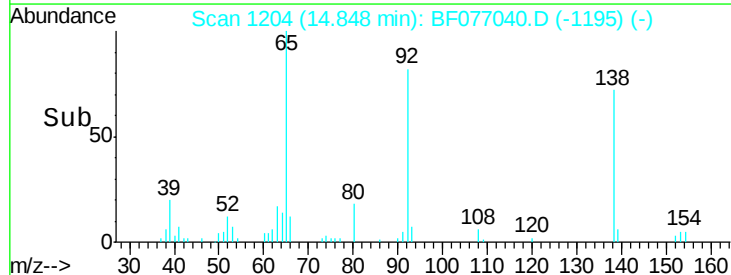
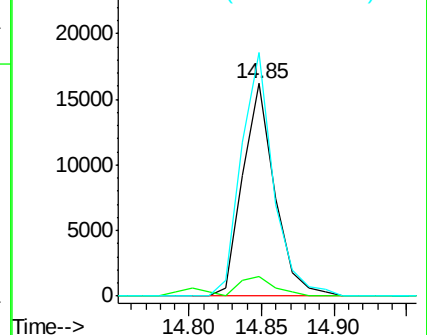
92 114.5 80.9 121.3

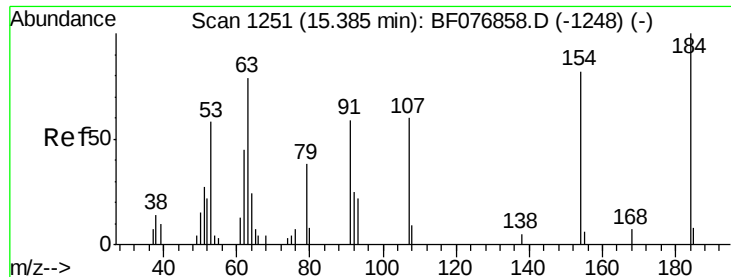


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

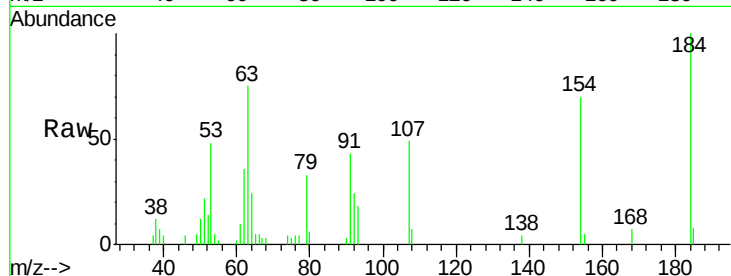




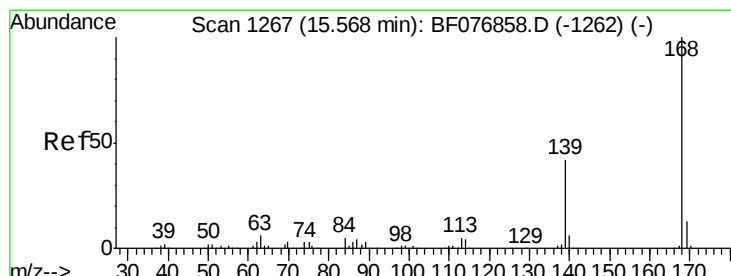
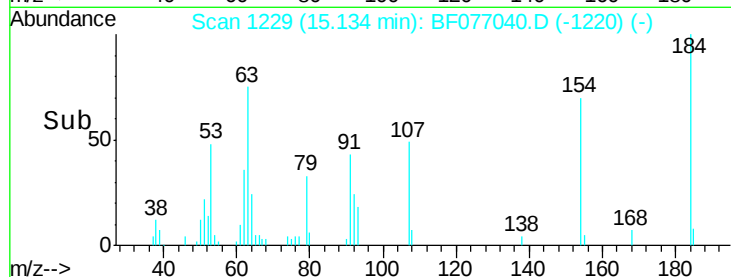
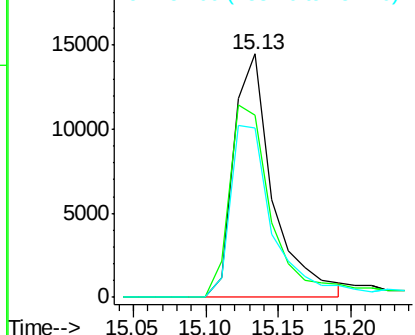
#53
 2,4-Dinitrophenol
 Concen: 80.95 ng
 RT: 15.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:184 Resp: 27229
 Ion Ratio Lower Upper
 184 100
 63 74.8 63.0 94.6
 154 69.6 65.5 98.3

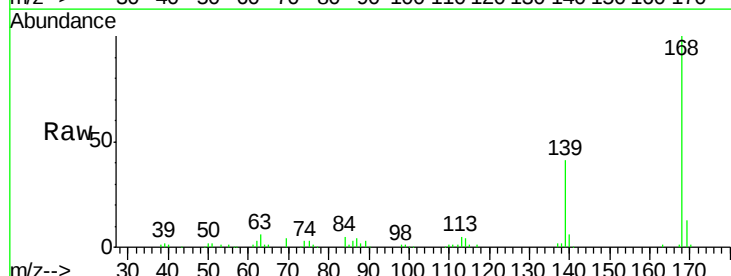


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

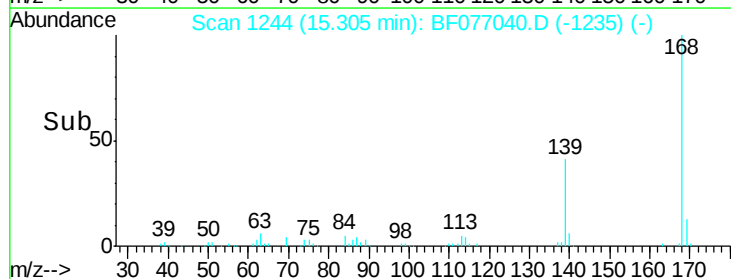
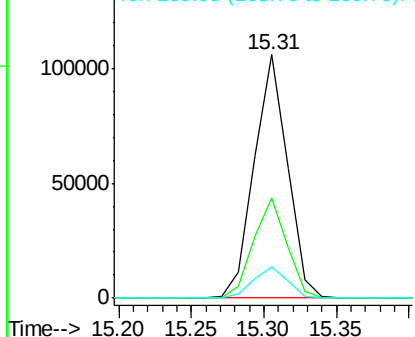


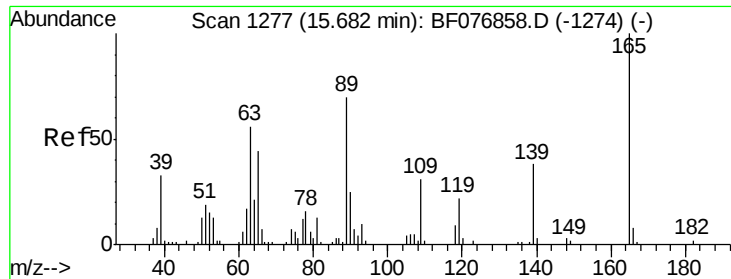
#54
 Dibenzofuran
 Concen: 39.27 ng
 RT: 15.31 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:168 Resp: 168618
 Ion Ratio Lower Upper
 168 100
 139 41.3 33.4 50.2
 169 12.8 10.6 15.8



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

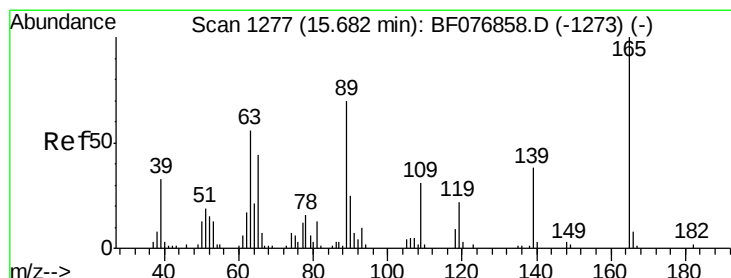
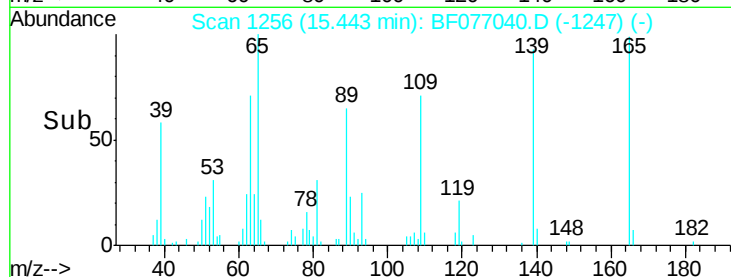
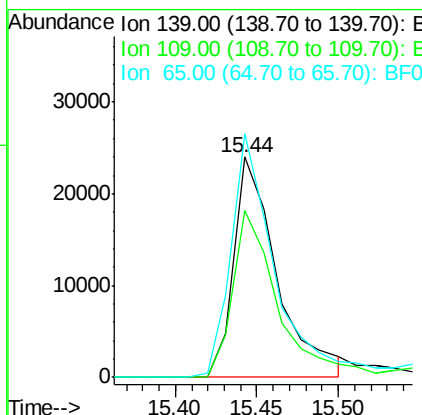
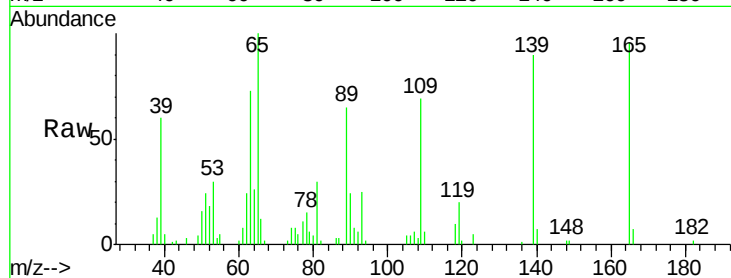




#55
4-Nitrophenol
Concen: 78.49 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

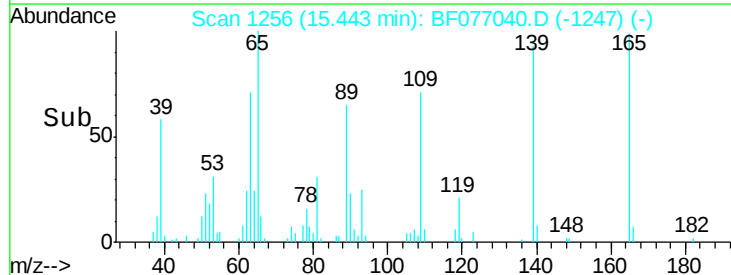
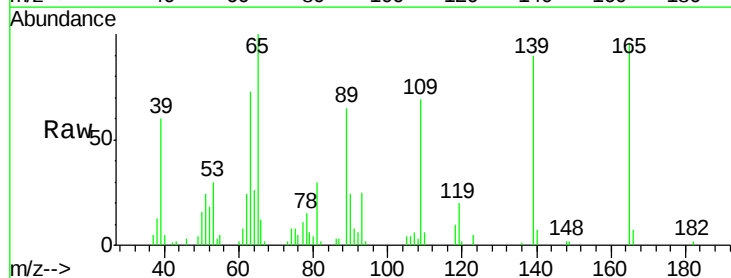
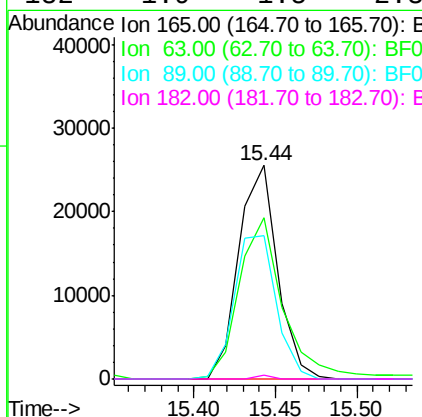
Instrument :
BNA_F
ClientSampled :
PB81496BSD

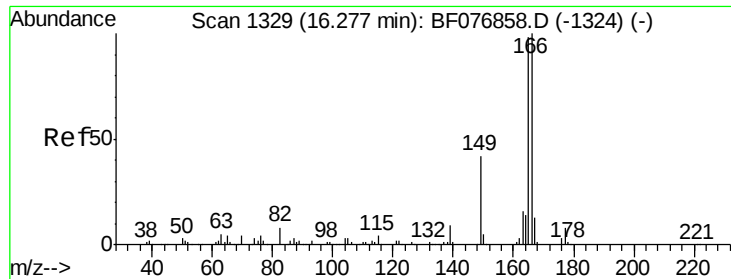
Tgt Ion:139 Resp: 44048
Ion Ratio Lower Upper
139 100
109 76.0 61.0 101.0
65 110.6 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:165 Resp: 41889
Ion Ratio Lower Upper
165 100
63 75.7 44.8 67.2#
89 67.1 56.2 84.2
182 1.9 1.5 2.3

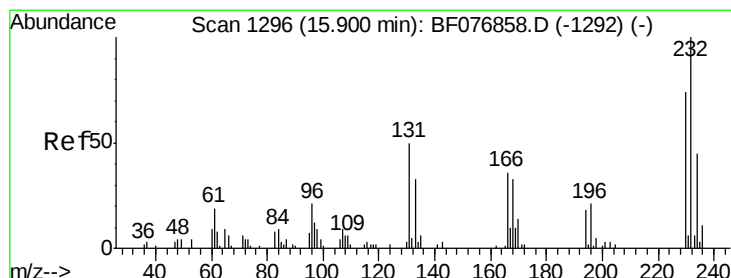
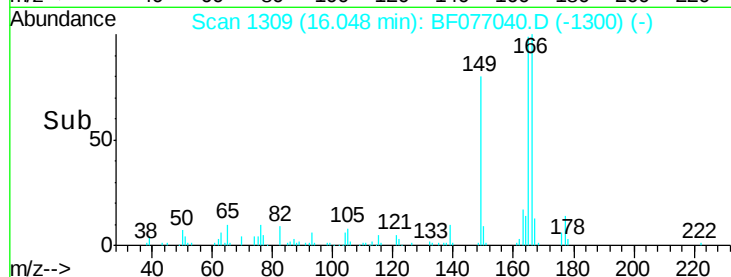
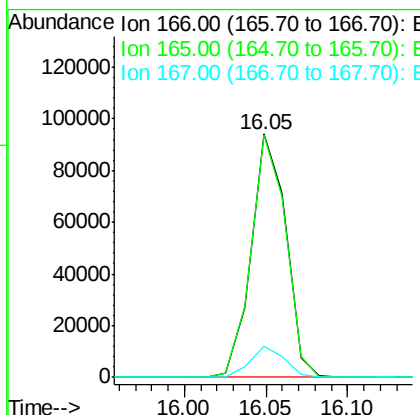
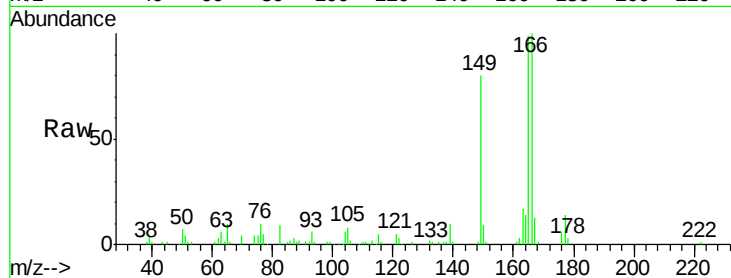




#57
 Fluorene
 Concen: 38.14 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

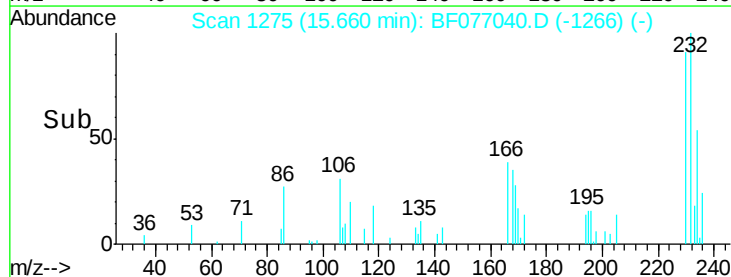
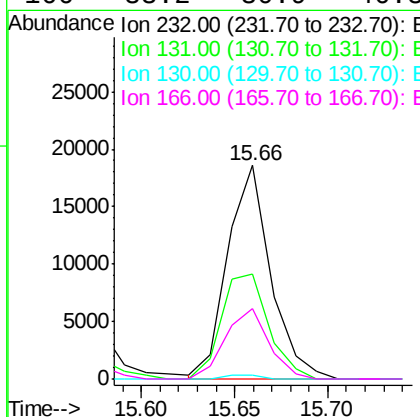
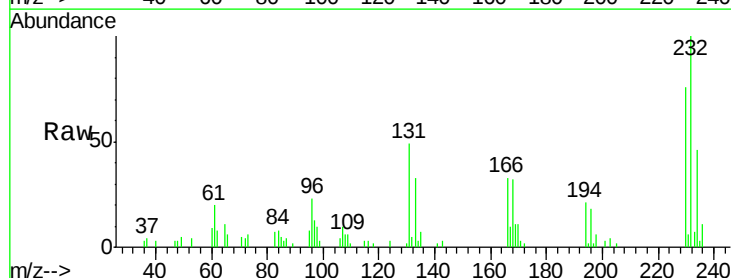
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

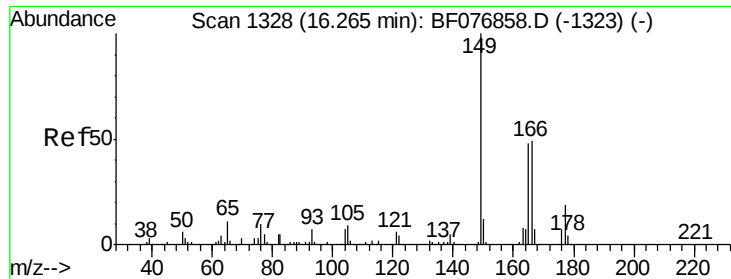
Tgt Ion:166 Resp: 138735
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.46 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:232 Resp: 30029
 Ion Ratio Lower Upper
 232 100
 131 54.0 45.0 67.6
 130 1.7 2.6 3.8#
 166 33.2 30.9 46.3

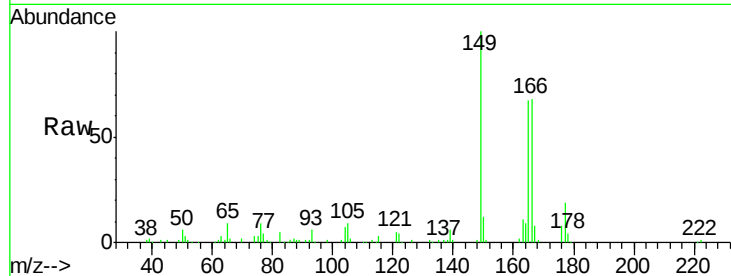




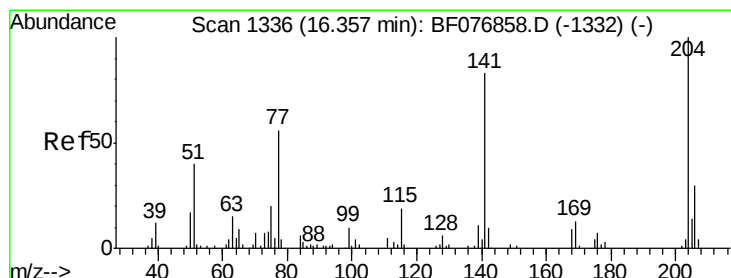
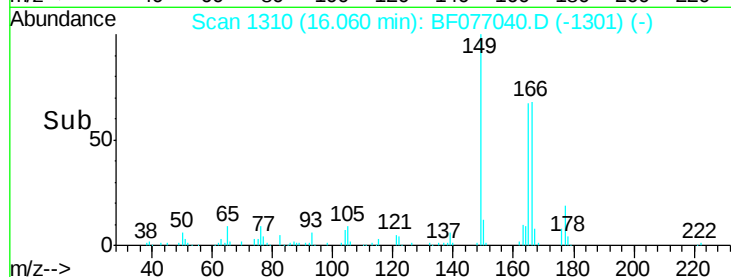
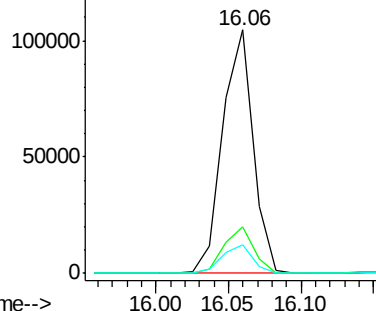
#59
Diethylphthalate
Concen: 42.16 ng
RT: 16.06 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:149 Resp: 152555
Ion Ratio Lower Upper
149 100
177 18.9 15.0 22.6
150 11.9 9.4 14.0

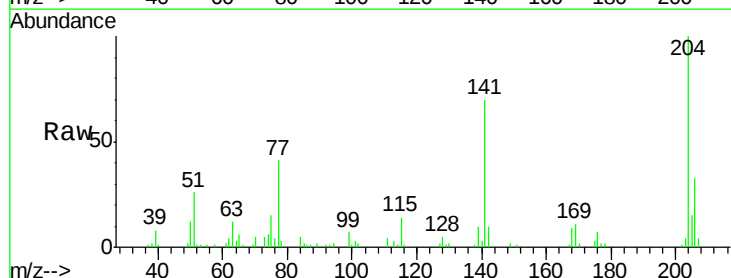


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

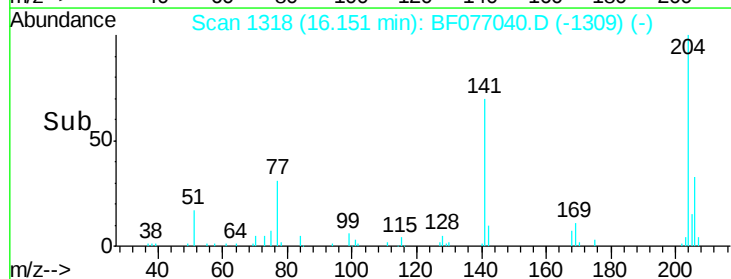
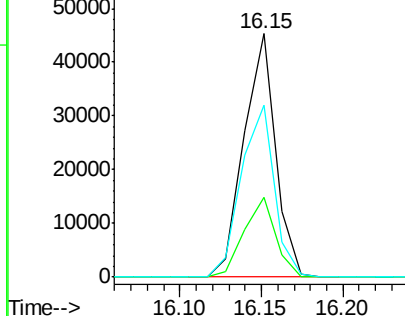


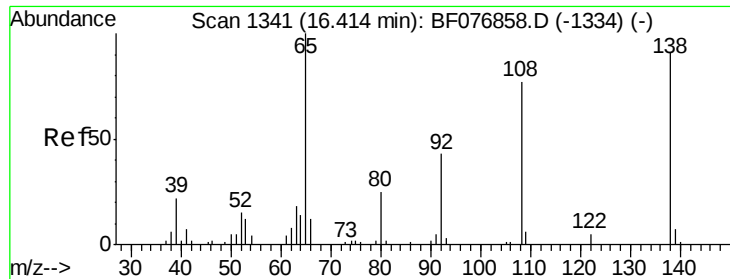
#60
4-Chlorophenyl-phenylether
Concen: 40.81 ng
RT: 16.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:204 Resp: 60736
Ion Ratio Lower Upper
204 100
206 32.9 24.2 36.2
141 70.5 66.7 100.1



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

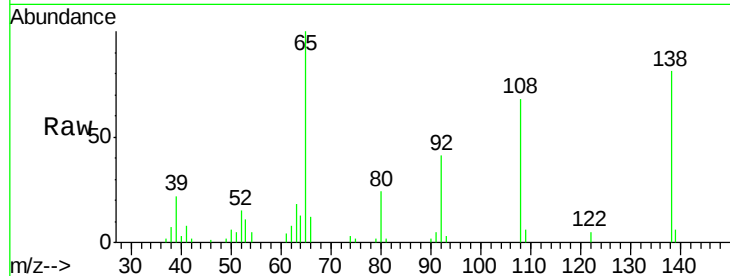




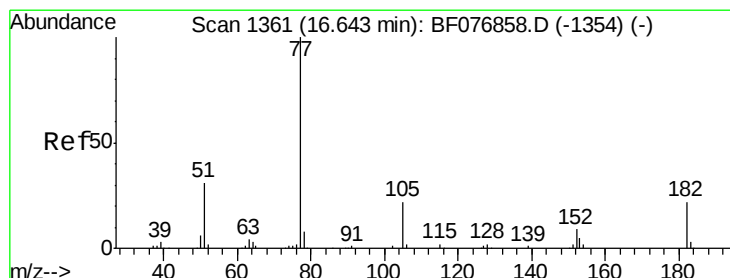
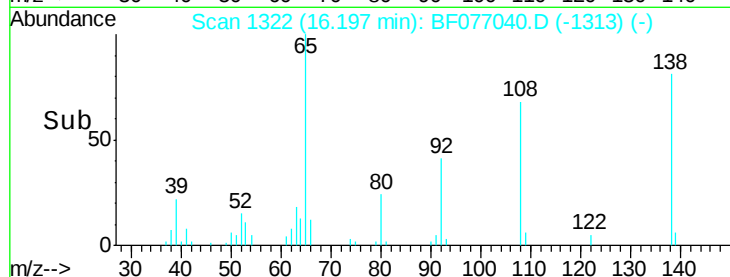
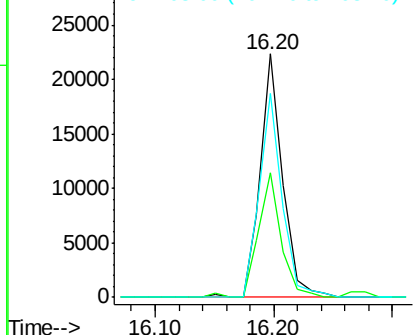
#61
4-Nitroaniline
Concen: 33.28 ng
RT: 16.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion:138 Resp: 29606
Ion Ratio Lower Upper
138 100
92 51.2 26.7 66.7
108 83.8 64.5 104.5

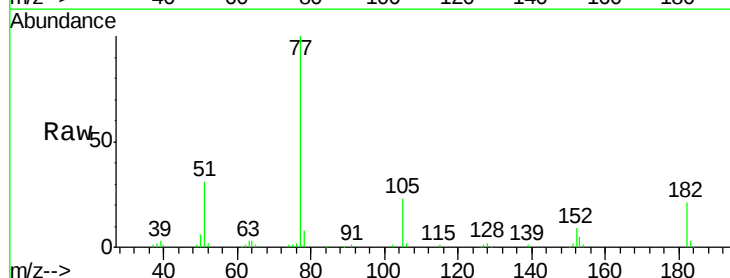


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

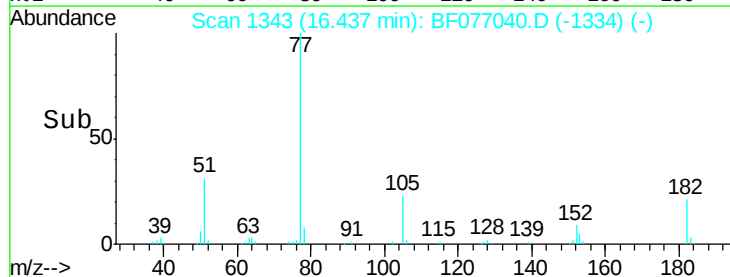
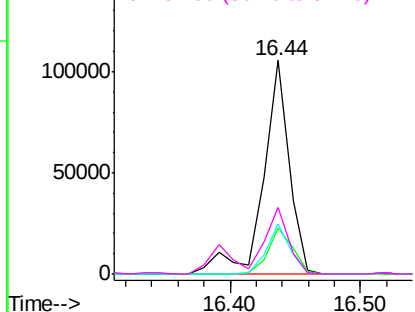


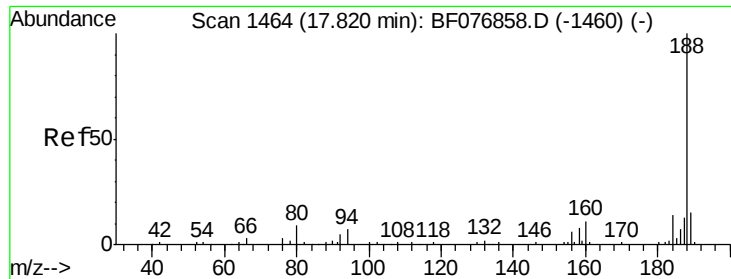
#62
Azobenzene
Concen: 39.15 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 77 Resp: 147593
Ion Ratio Lower Upper
77 100
182 21.4 2.0 42.0
105 23.2 2.3 42.3
51 31.4 10.7 50.7



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

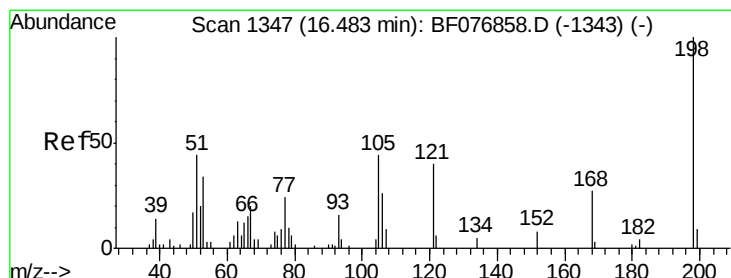
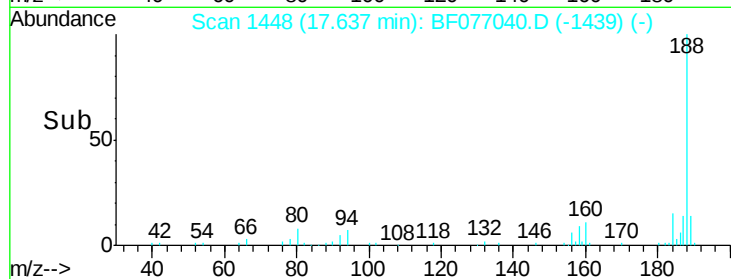
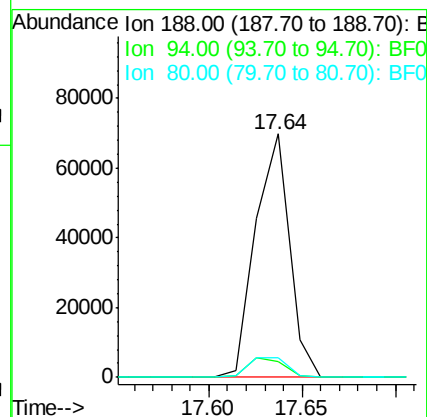
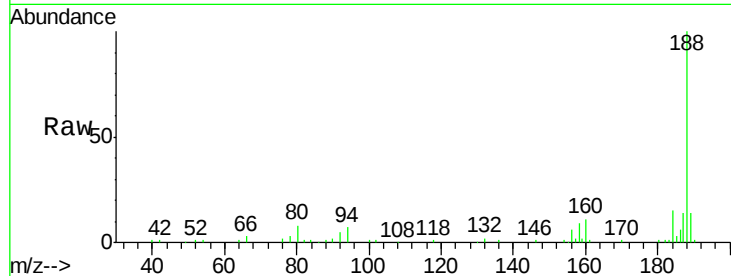




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

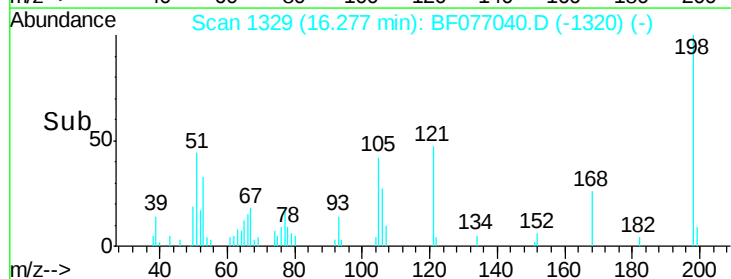
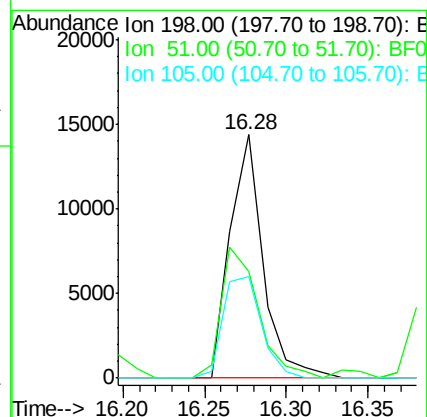
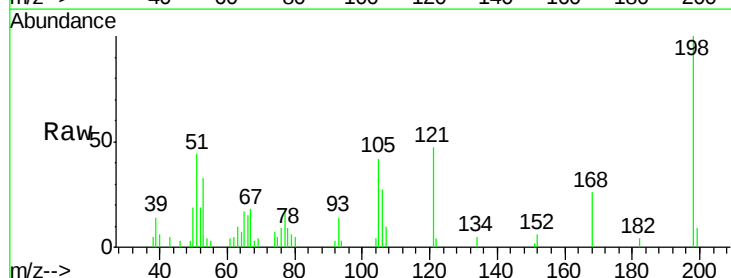
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

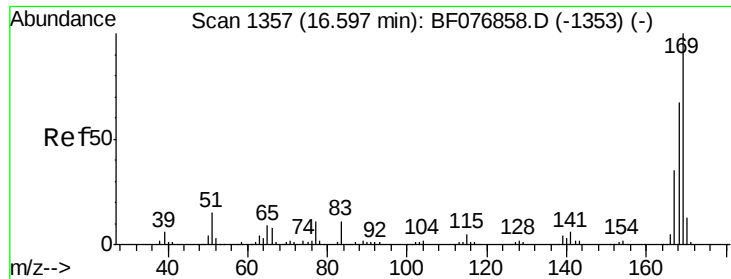
Tgt Ion:188 Resp: 88120
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.0 9.0
 80 8.0 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.25 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:198 Resp: 20037
 Ion Ratio Lower Upper
 198 100
 51 43.8 24.2 64.2
 105 41.9 24.0 64.0

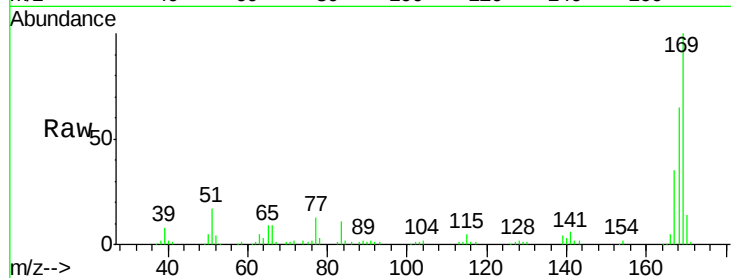




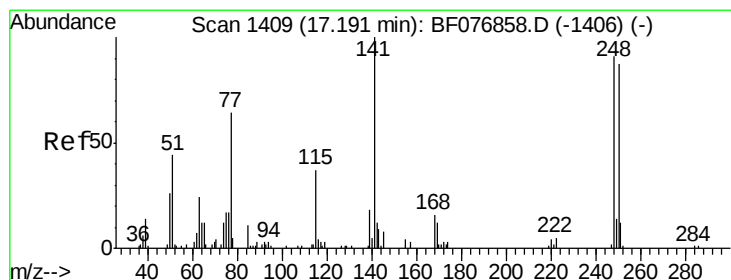
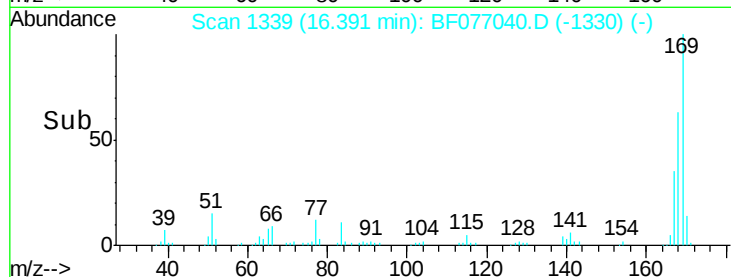
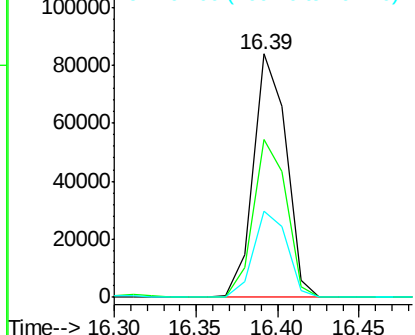
#65
 n-Nitrosodiphenylamine
 Concen: 37.27 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:169 Resp: 117099
 Ion Ratio Lower Upper
 169 100
 168 64.6 53.8 80.6
 167 35.4 27.8 41.6

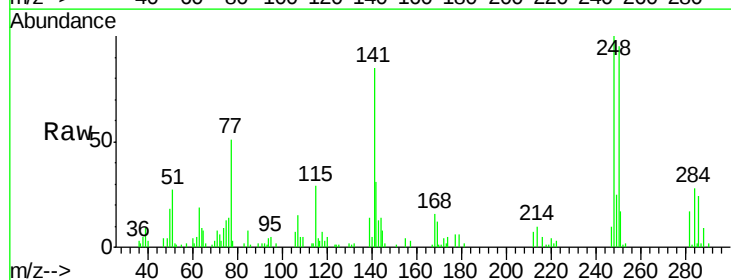


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

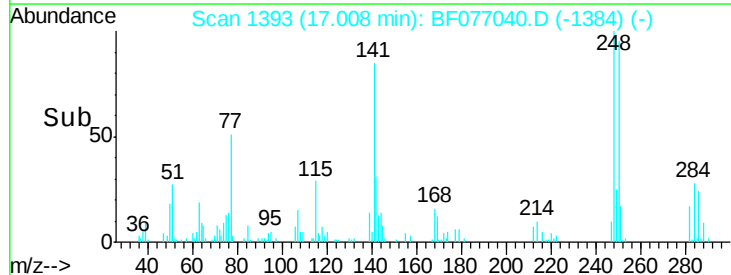
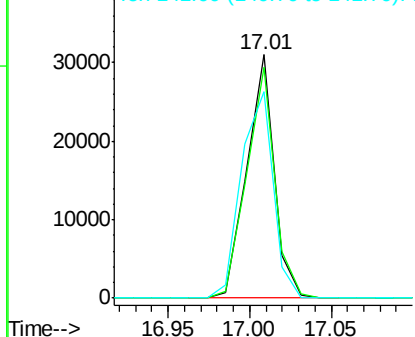


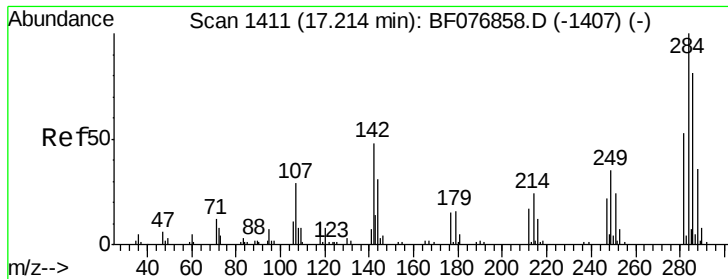
#66
 4-Bromophenyl-phenylether
 Concen: 40.34 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:248 Resp: 36014
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.1 115.7
 141 85.1 88.2 132.4#



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

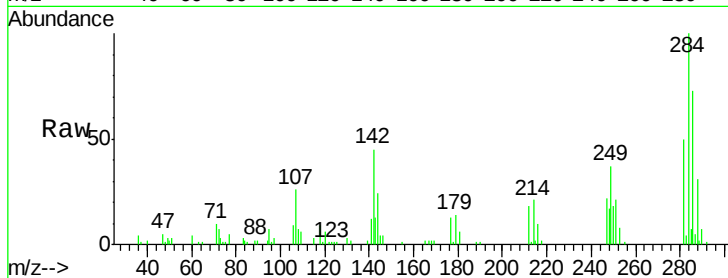




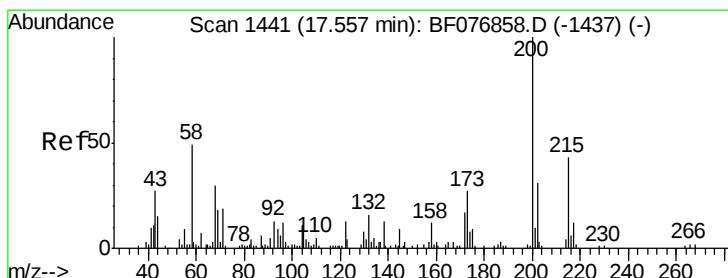
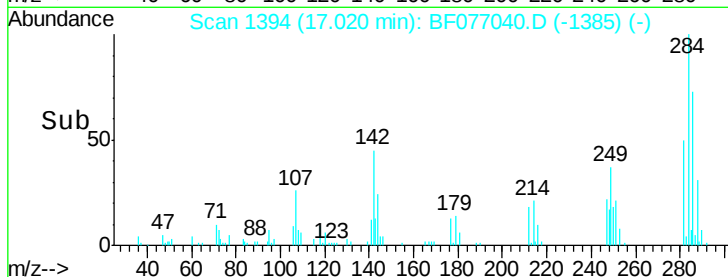
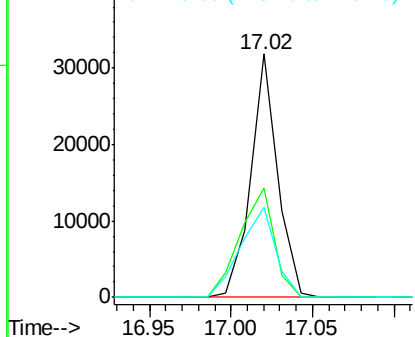
#67
Hexachlorobenzene
Concen: 38.65 ng
RT: 17.02 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :
PB81496BSD

Tgt Ion: 284 Resp: 36363
Ion Ratio Lower Upper
284 100
142 44.9 38.2 57.4
249 36.7 28.2 42.2

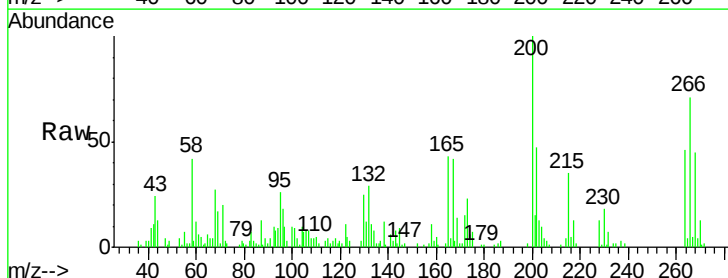


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

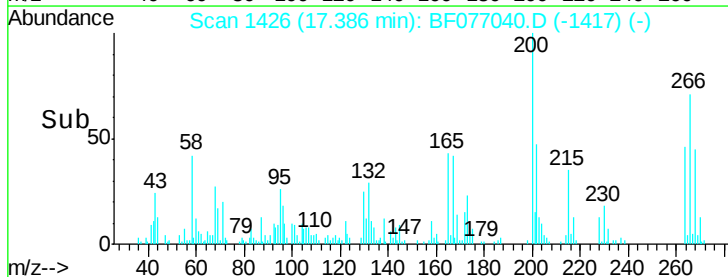
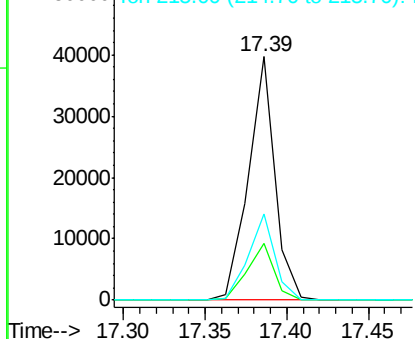


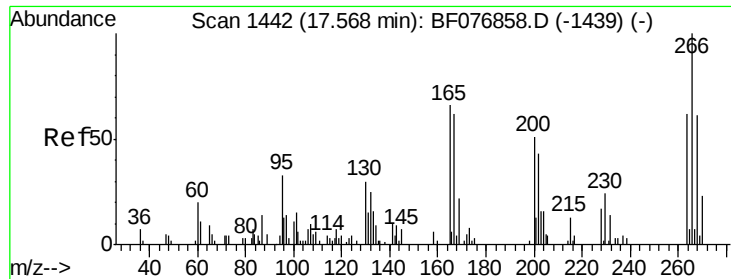
#68
Atrazine
Concen: 46.59 ng
RT: 17.39 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 200 Resp: 44426
Ion Ratio Lower Upper
200 100
173 23.5 6.6 46.6
215 35.5 22.9 62.9



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

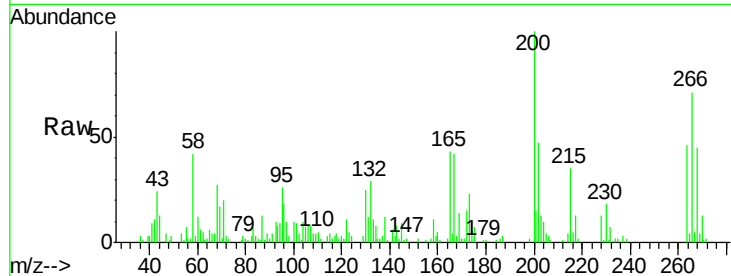




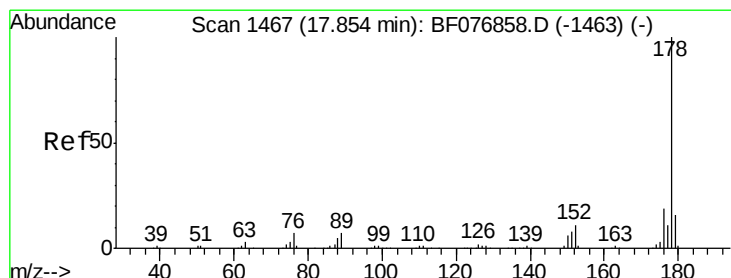
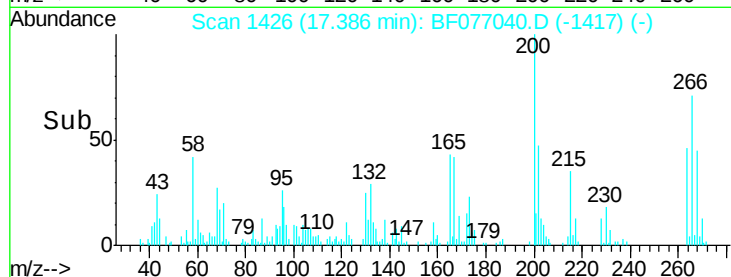
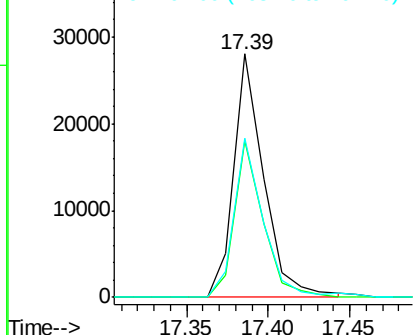
#69
 Pentachlorophenol
 Concen: 82.58 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion:266 Resp: 35745
 Ion Ratio Lower Upper
 266 100
 268 64.3 48.6 72.8
 264 65.6 49.5 74.3

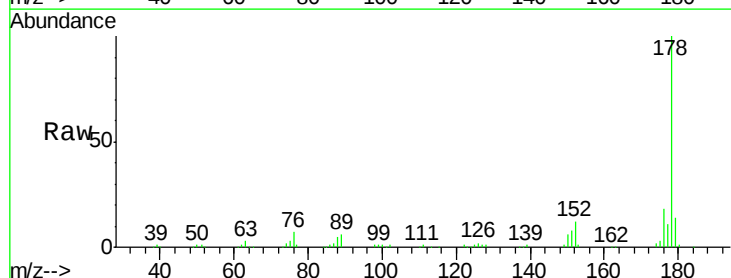


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

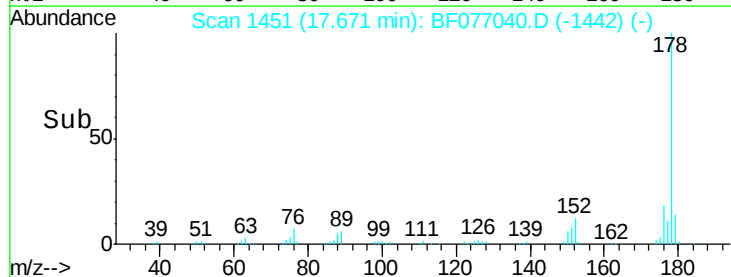
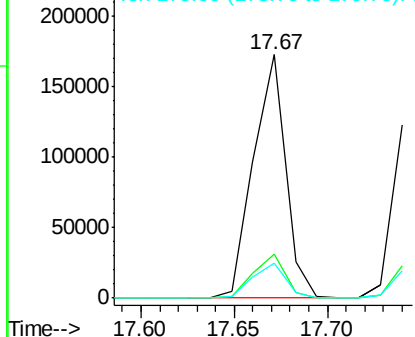


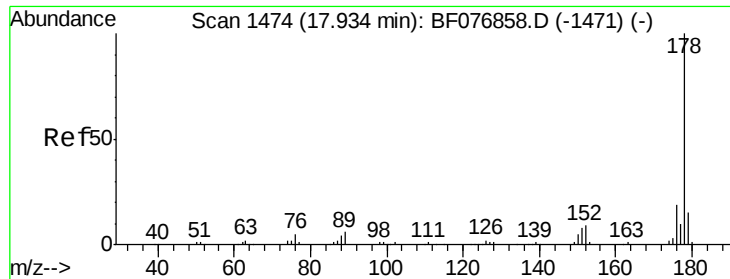
#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:178 Resp: 206070
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.1 22.7
 179 14.4 12.7 19.1



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

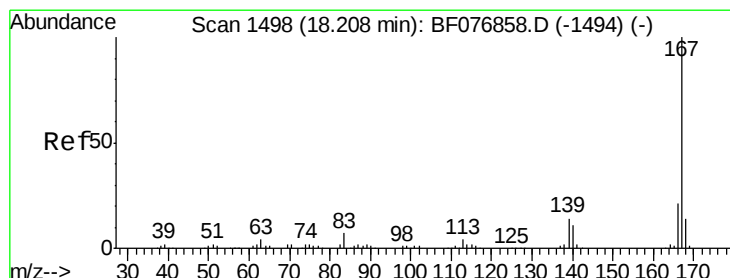
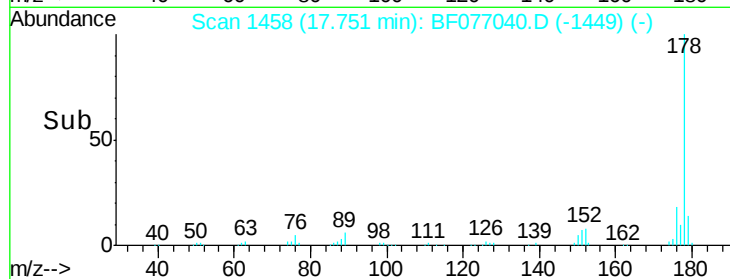
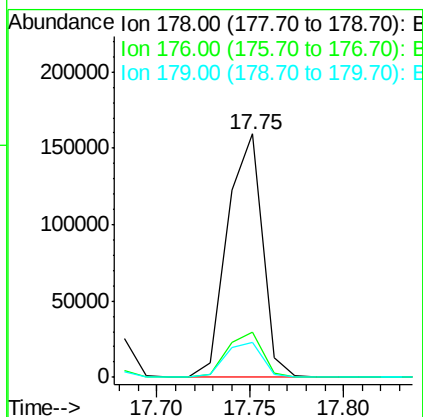
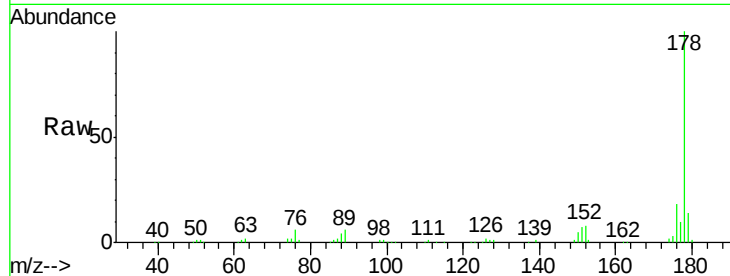




#71
 Anthracene
 Concen: 39.06 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

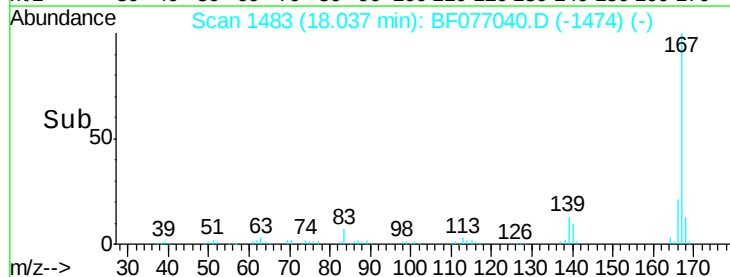
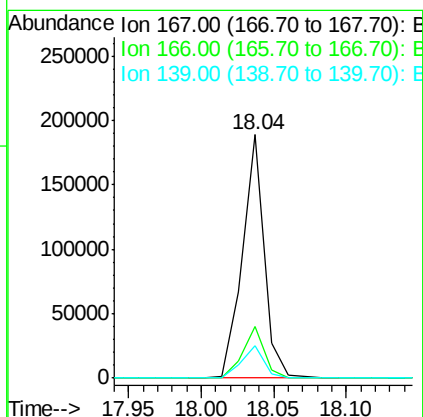
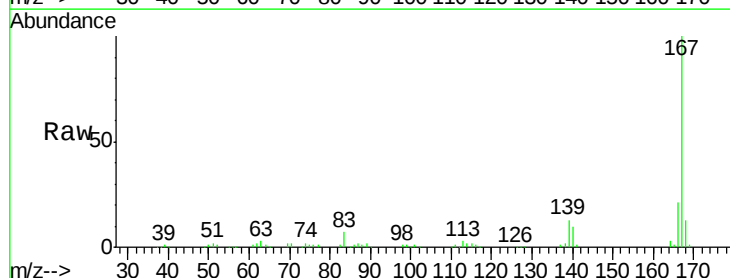
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

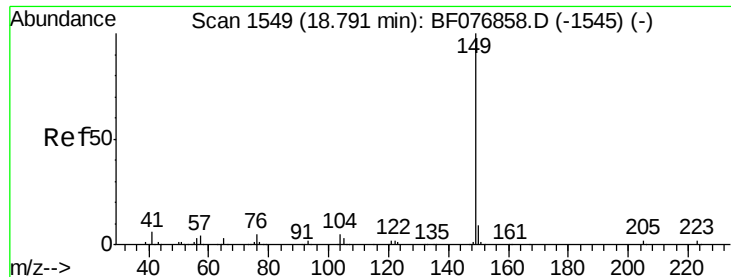
Tgt Ion:178 Resp: 209288
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 14.3 11.9 17.9



#72
 Carbazole
 Concen: 38.18 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:167 Resp: 198467
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.5 11.3 16.9

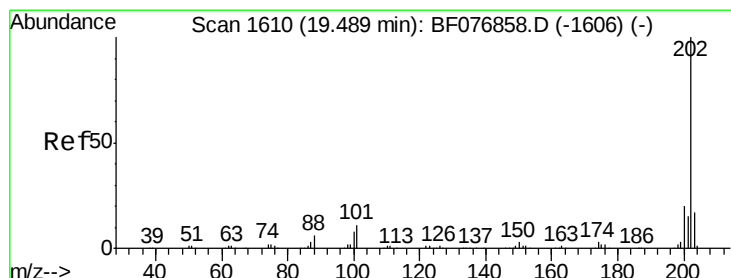
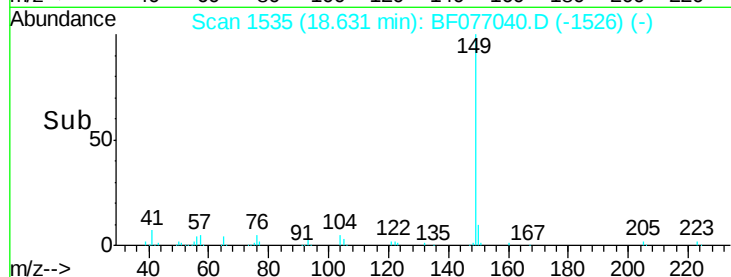
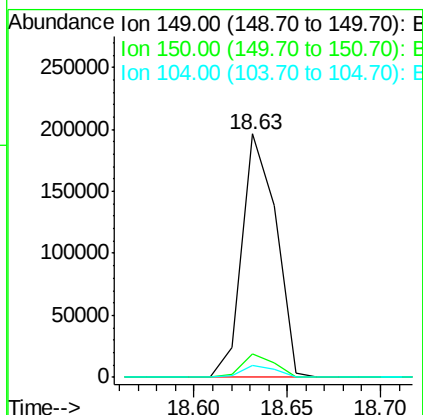
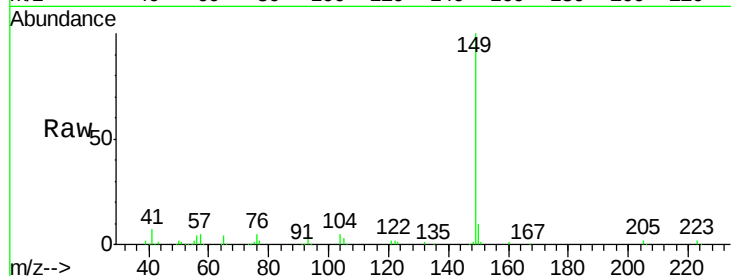




#73
Di-n-butylphthalate
Concen: 41.29 ng
RT: 18.63 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

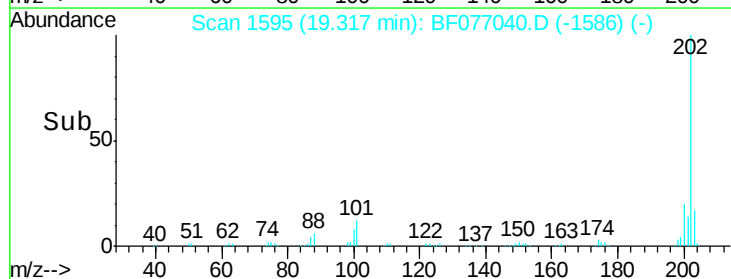
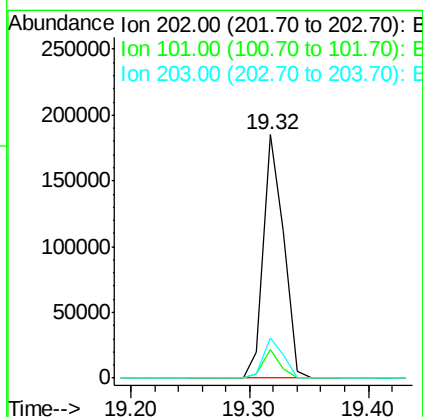
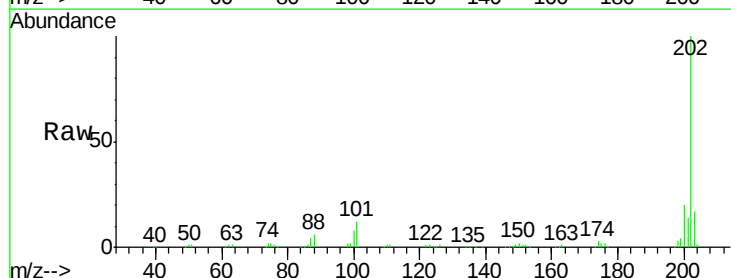
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

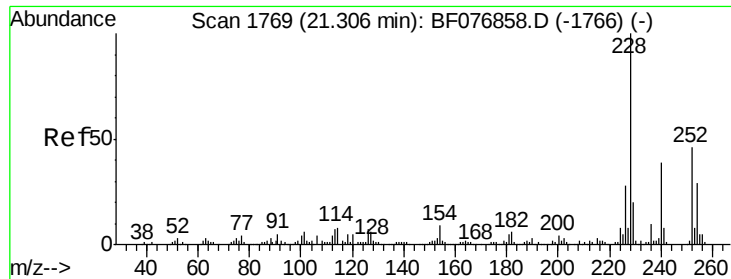
Tgt Ion:149 Resp: 248416
Ion Ratio Lower Upper
149 100
150 9.6 6.9 10.3
104 4.9 3.7 5.5



#74
Fluoranthene
Concen: 39.36 ng
RT: 19.32 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:202 Resp: 221634
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 16.5 0.0 36.9

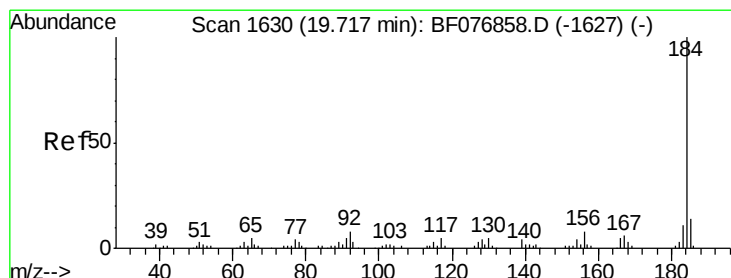
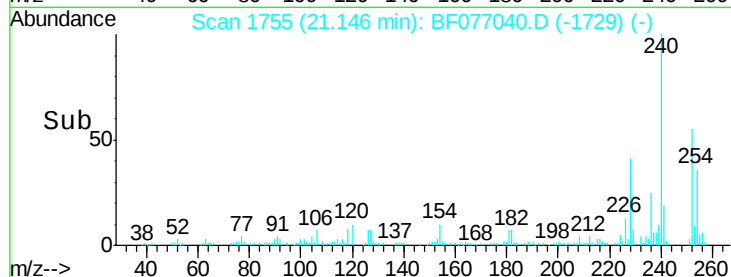
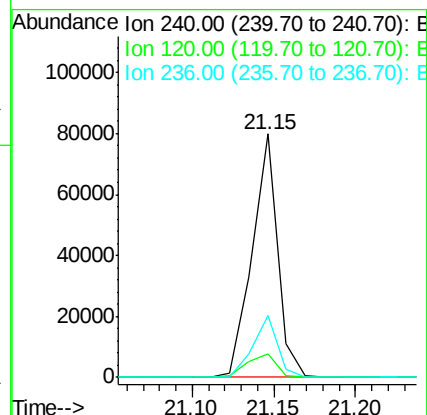
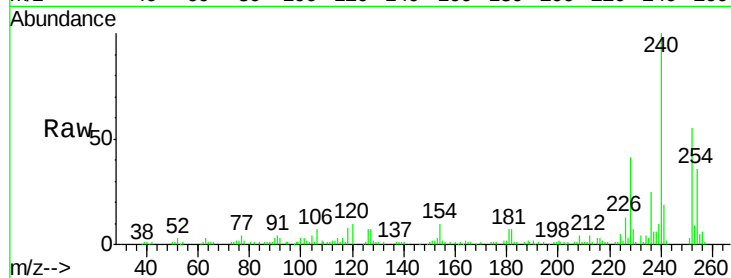




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

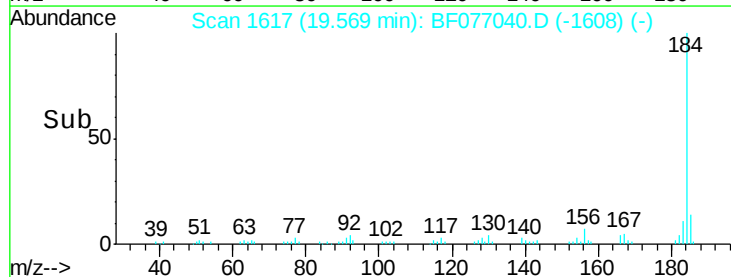
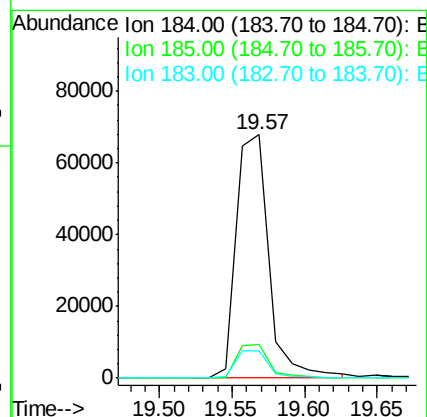
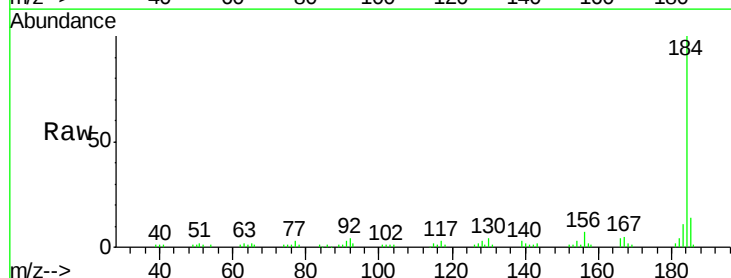
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

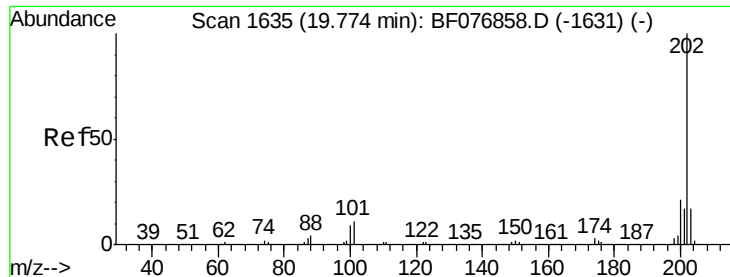
Tgt Ion:240 Resp: 86240
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.4 15.6#
 236 25.2 20.2 30.2



#76
 Benzidine
 Concen: 38.39 ng
 RT: 19.57 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:184 Resp: 105931
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.4 17.2
 183 11.3 9.0 13.6

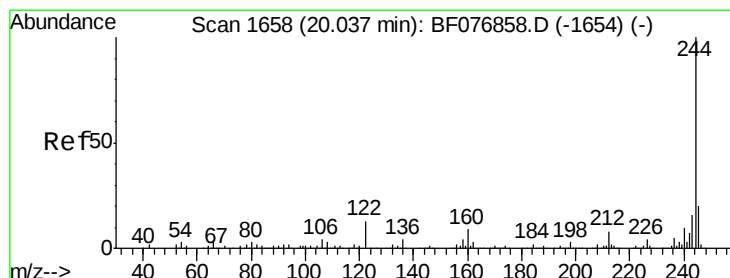
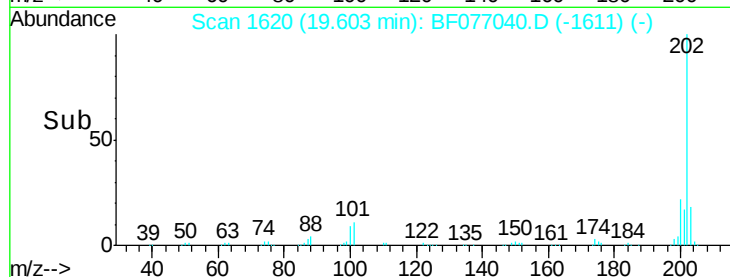
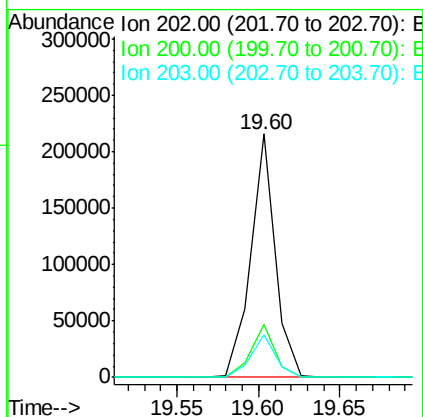
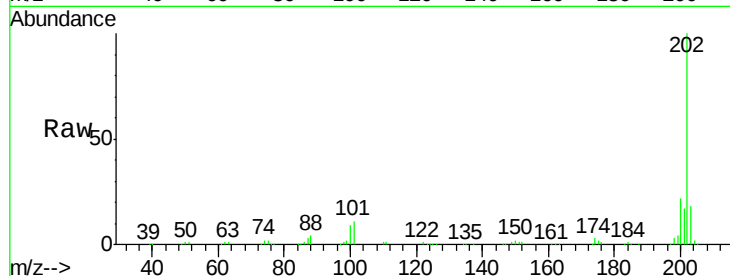




#77
 Pyrene
 Concen: 38.07 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

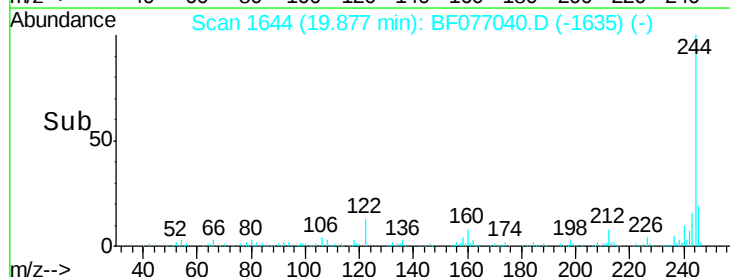
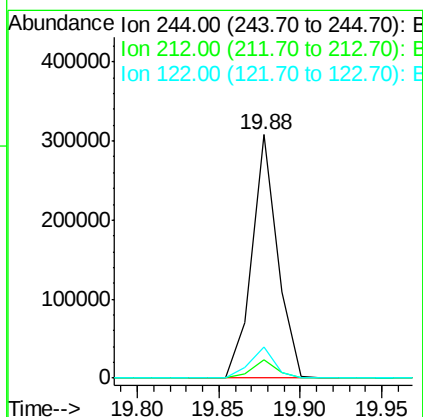
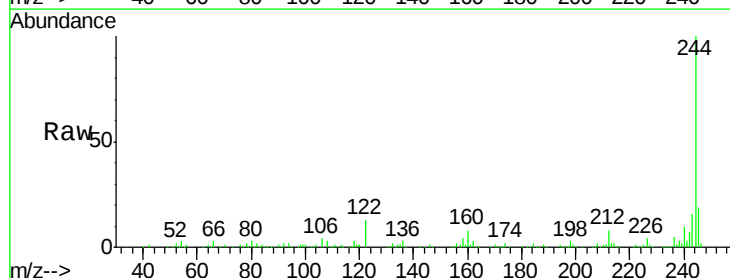
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

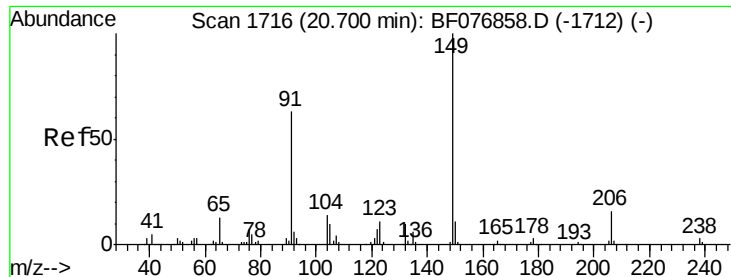
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	17.7	14.0	21.0



#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	12.8	10.1	15.1

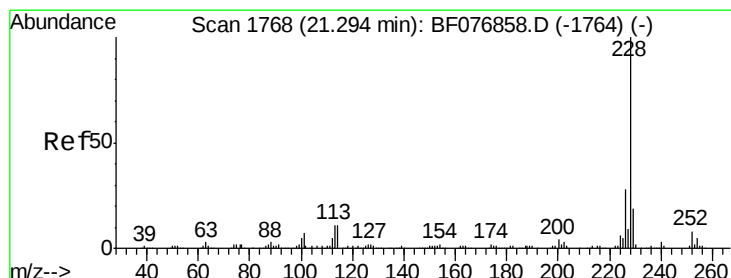
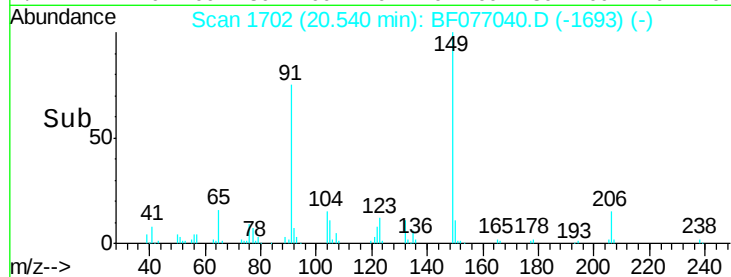
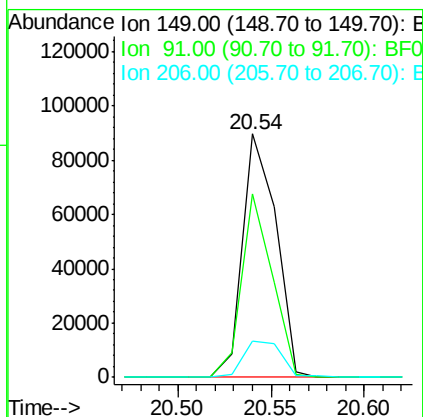
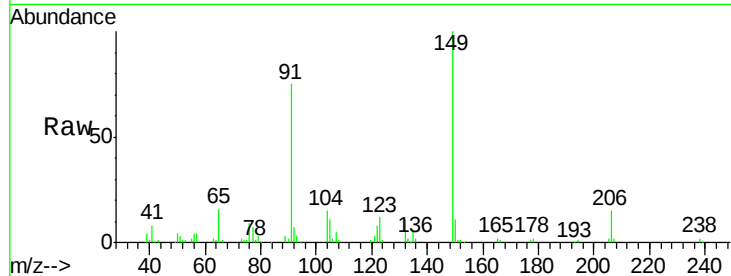




#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 20.54 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

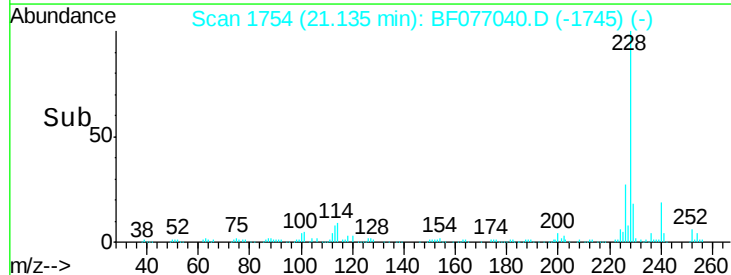
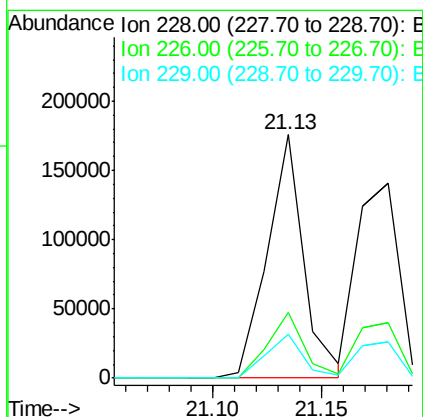
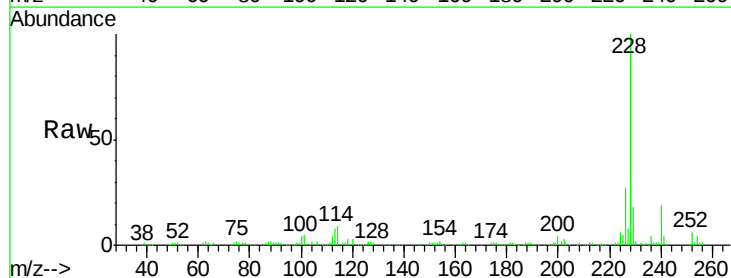
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

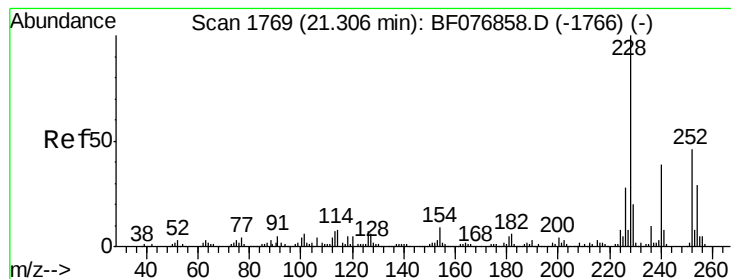
Tgt Ion:149 Resp: 112022
Ion Ratio Lower Upper
149 100
91 75.4 50.6 76.0
206 15.1 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:228 Resp: 205498
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 18.2 15.5 23.3

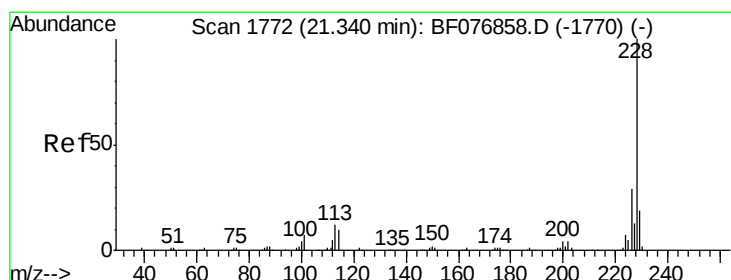
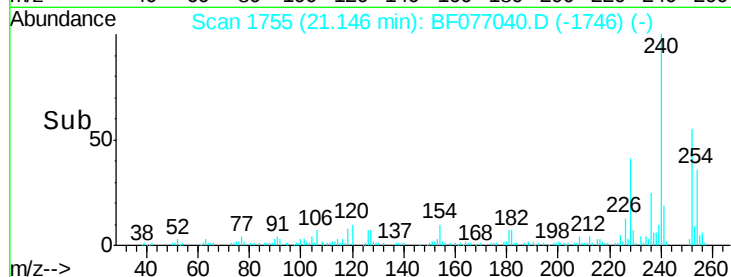
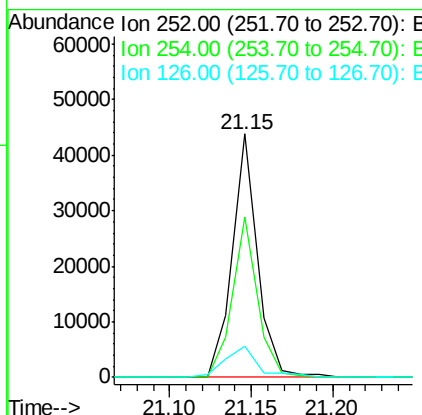
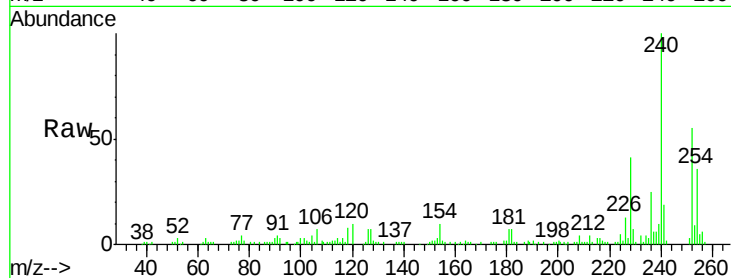




#81
 3,3'-Dichlorobenzidine
 Concen: 27.16 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

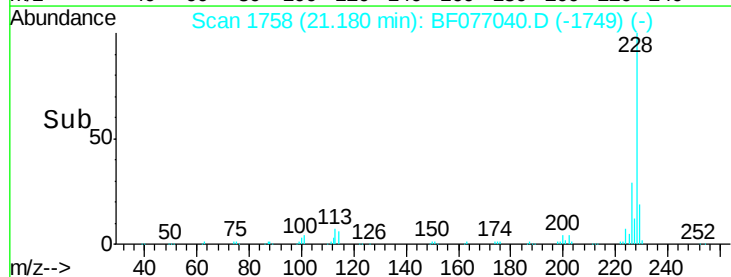
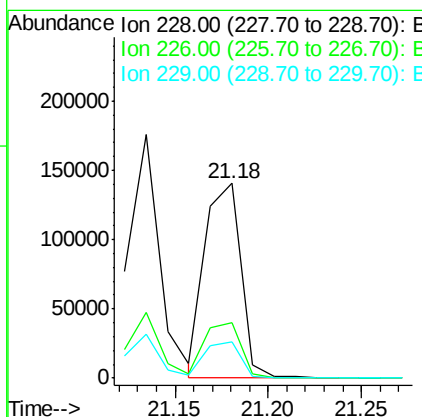
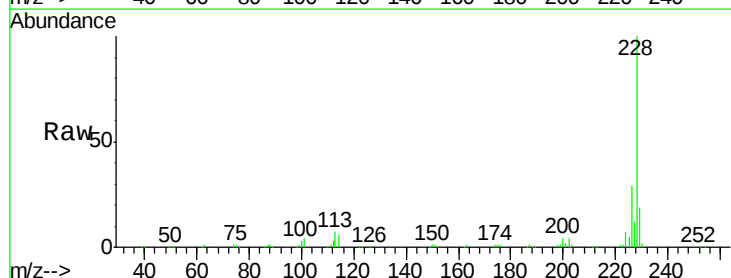
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

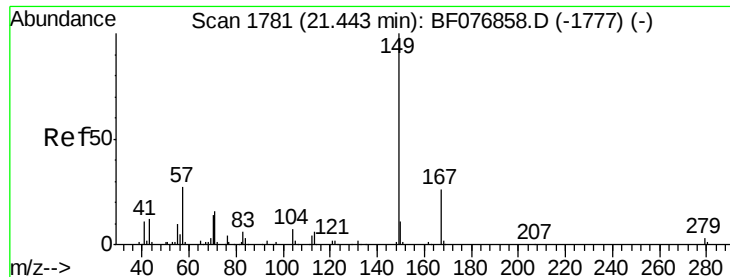
Tgt Ion: 252 Resp: 46708
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.2 75.4
 126 12.7 11.5 17.3



#82
 Chrysene
 Concen: 38.46 ng
 RT: 21.18 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion: 228 Resp: 189768
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.0
 229 18.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.66 ng

RT: 21.28 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

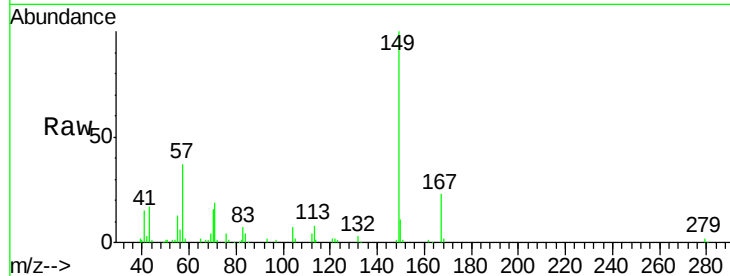
Tgt Ion:149 Resp: 157993

Ion Ratio Lower Upper

149 100

167 23.3 20.6 30.8

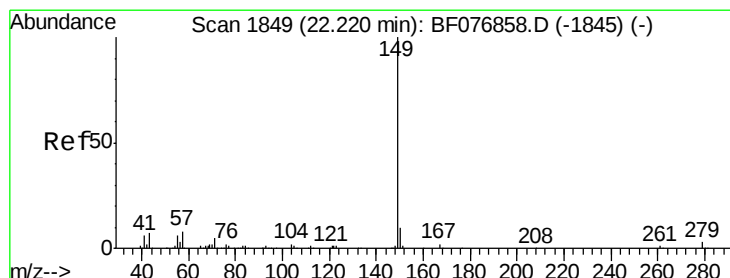
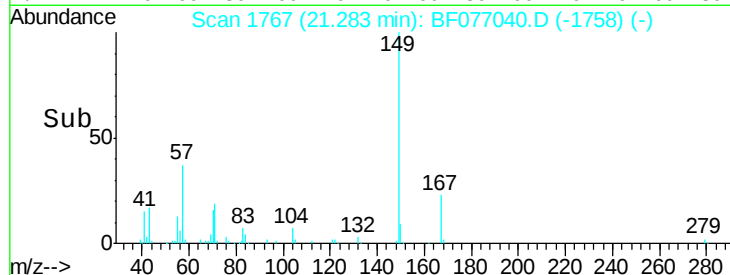
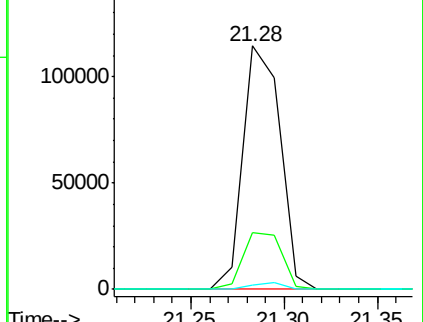
279 1.9 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.03 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

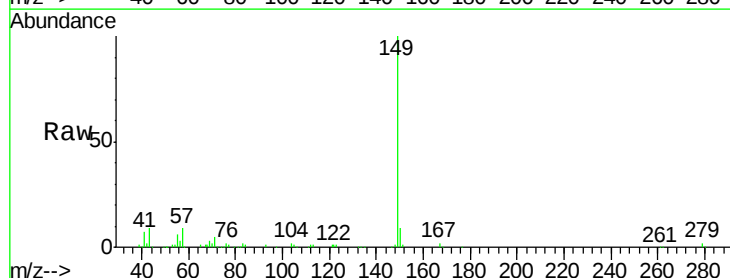
Tgt Ion:149 Resp: 282990

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

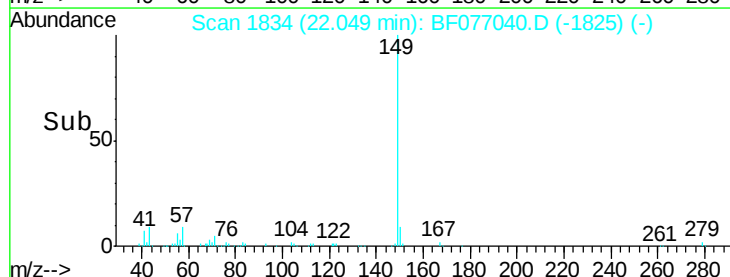
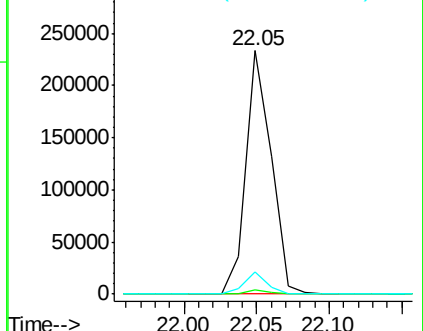
43 8.5 6.6 10.0

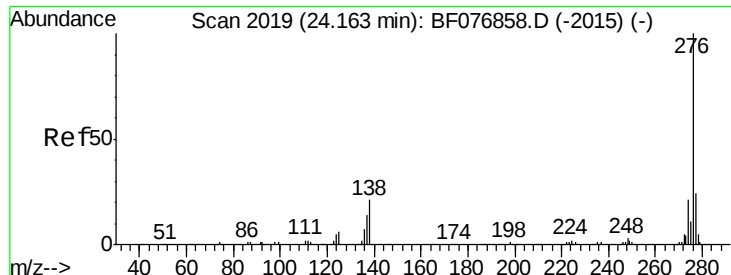


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

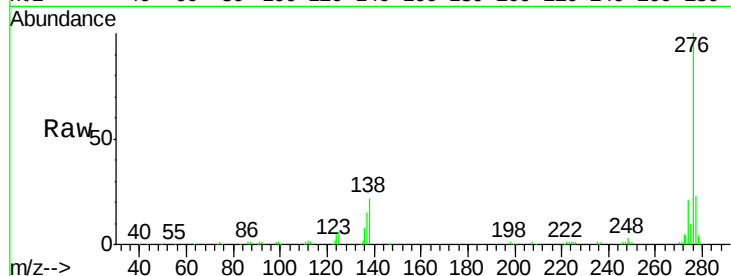




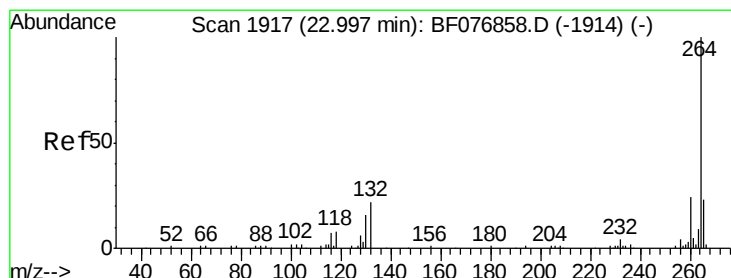
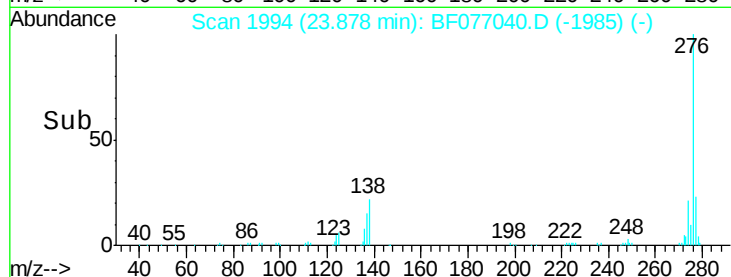
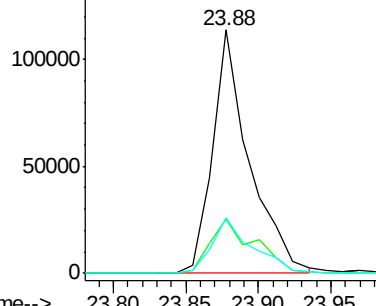
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.13 ng
 RT: 23.88 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BSD

Tgt Ion: 276 Resp: 199413
 Ion Ratio Lower Upper
 276 100
 138 27.3 14.6 22.0#
 277 24.9 14.8 22.2#

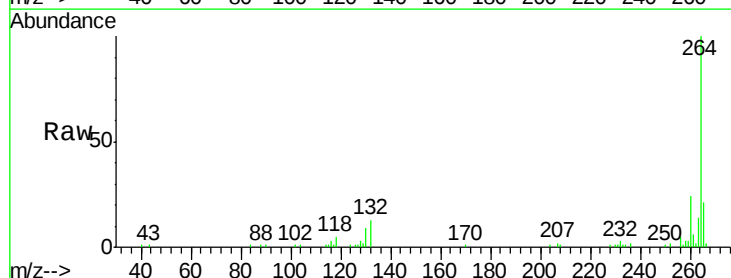


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

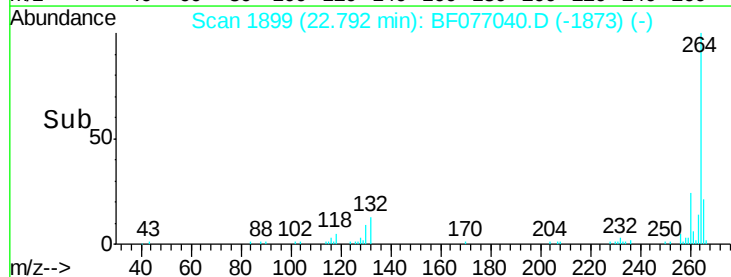
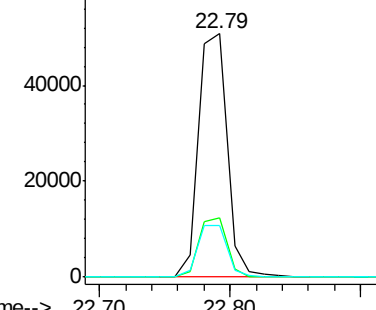


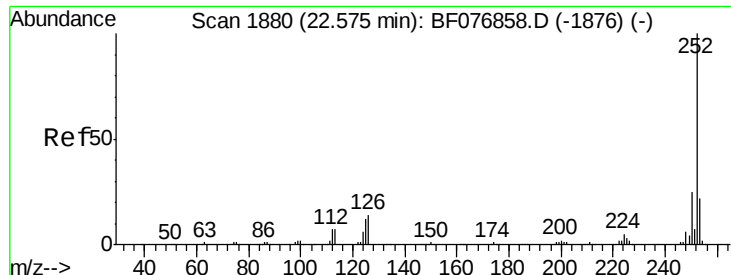
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.79 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion: 264 Resp: 77410
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.2 18.1 27.1



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

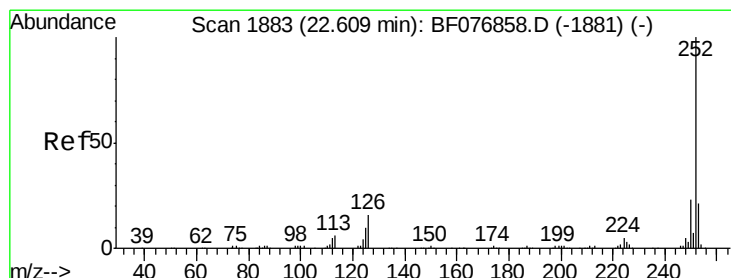
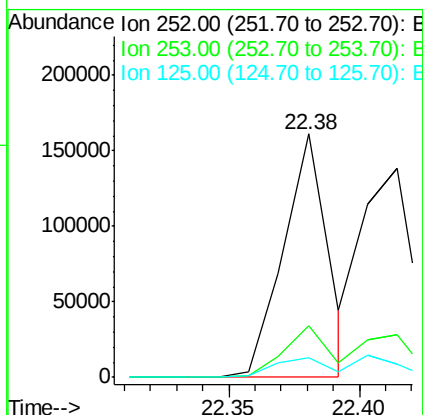
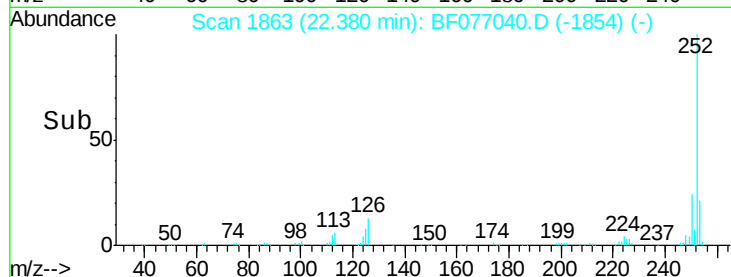
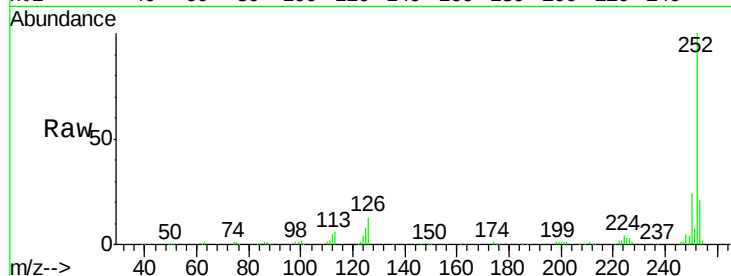




#87
Benzo(b)fluoranthene
Concen: 36.60 ng
RT: 22.38 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

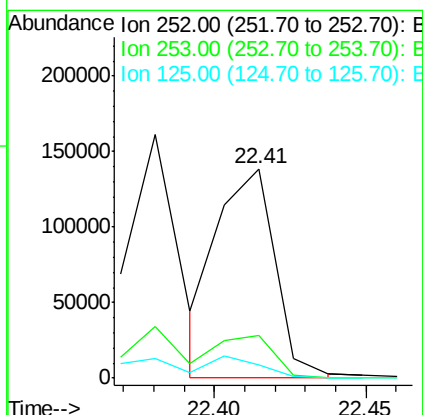
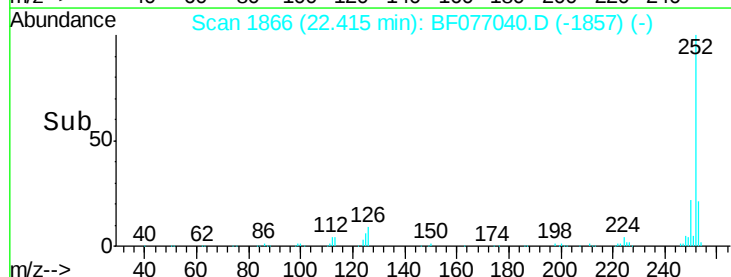
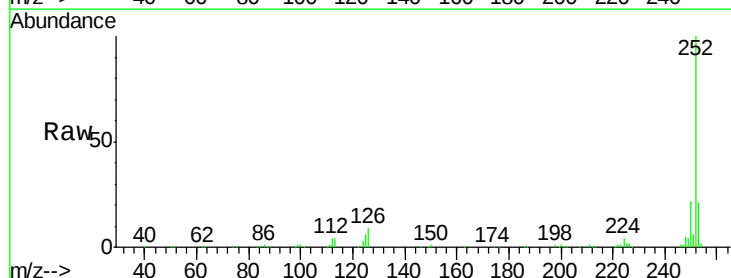
Instrument :
BNA_F
ClientSampleId :
PB81496BSD

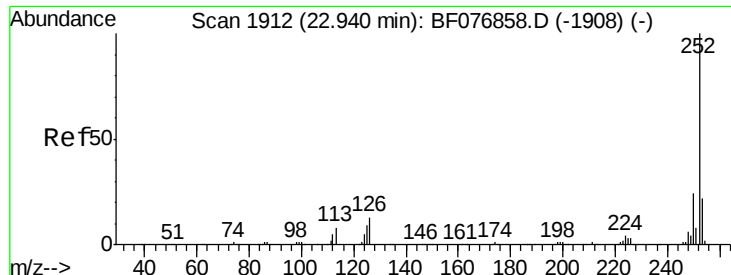
Tgt Ion:252 Resp: 190826
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 40.56 ng m
RT: 22.41 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:252 Resp: 184767
Ion Ratio Lower Upper
252 100
253 20.6 17.2 25.8
125 6.5 7.1 10.7#





#89

Benzo(a)pyrene

Concen: 39.96 ng

RT: 22.72 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD

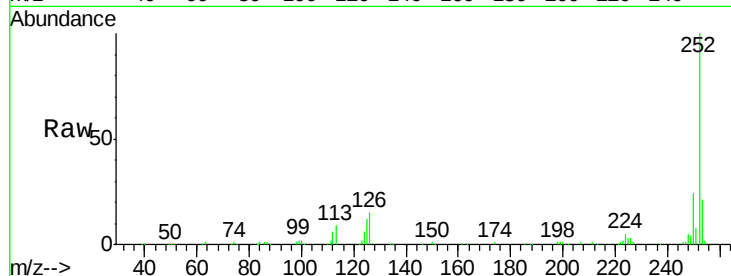
Tgt Ion:252 Resp: 183779

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

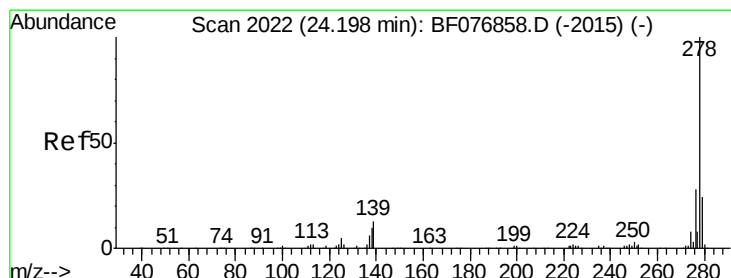
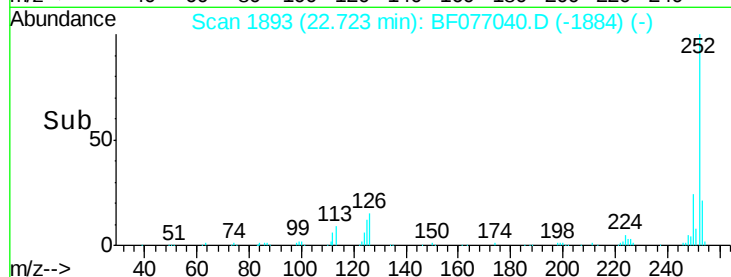
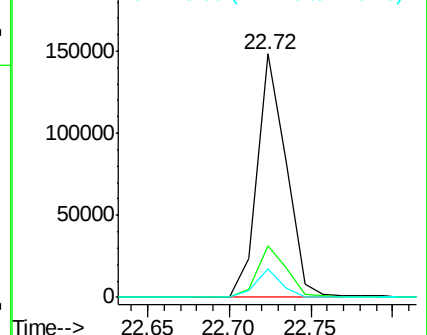
125 11.7 7.2 10.8#



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: 39.37 ng

RT: 23.90 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

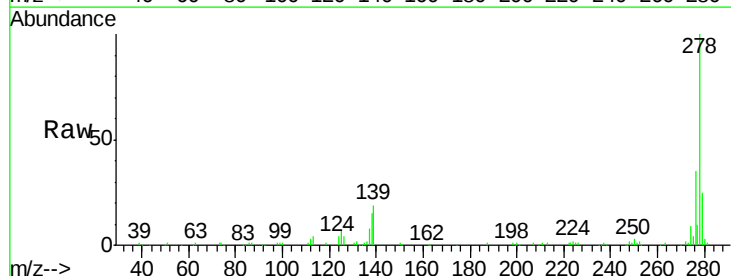
Tgt Ion:278 Resp: 166142

Ion Ratio Lower Upper

278 100

139 19.5 10.5 15.7#

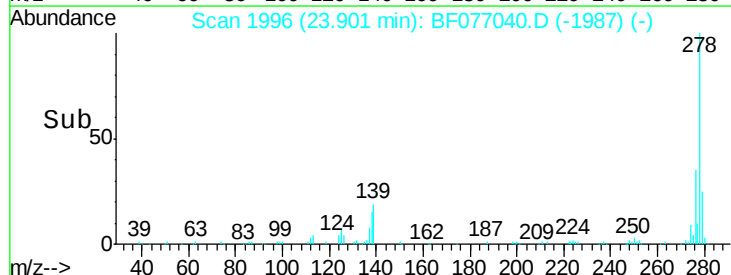
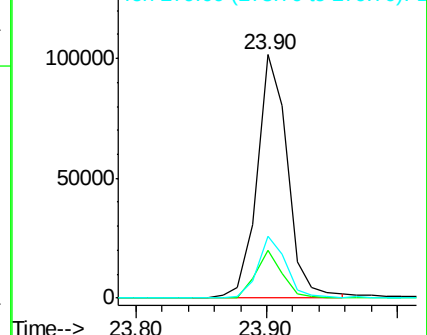
279 25.4 19.3 28.9

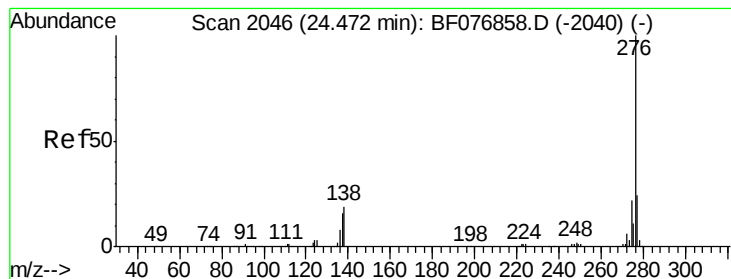


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.92 ng

RT: 24.15 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF077040.D

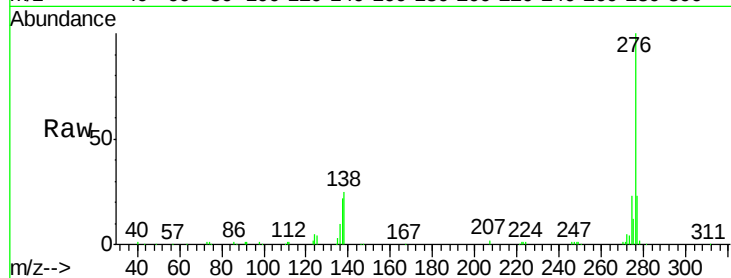
Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

PB81496BSD



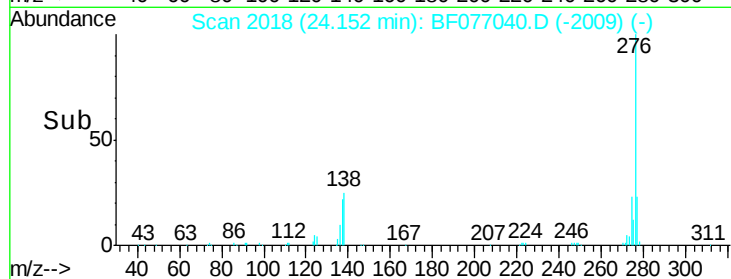
Tgt Ion:276 Resp: 167464

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 24.6 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

