

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077029.D
 Acq On : 23 Jan 2015 3:26
 Operator : TP/IZ
 Sample : G1120-01MSD
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Quant Time: Jan 23 10:19:45 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 03:40:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23267	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	101623	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	54190	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	89473	20.00	ng	0.00
75) Chrysene-d12	21.19	240	85812	20.00	ng	0.00
86) Perylene-d12	22.83	264	75775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	212992	150.51	ng	0.00
7) Phenol-d6	7.26	99	275949	154.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	173113	94.37	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	67564	153.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	352309	98.94	ng	0.00
78) Terphenyl-d14	19.92	244	344809	92.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.21	88	17856	29.47	ng	97
3) Pyridine	1.68	79	50591	32.27	ng	95
4) n-Nitrosodimethylamine	1.64	42	34467	44.38	ng	97
6) Aniline	7.14	93	74640	30.21	ng	95
8) 2-Chlorophenol	7.38	128	78342	48.02	ng	98
9) Benzaldehyde	6.86	77	18091	15.70	ng	94
10) Phenol	7.28	94	101293	53.43	ng	93
11) bis(2-Chloroethyl)ether	7.40	93	74725	50.38	ng	# 78
12) 1,3-Dichlorobenzene	7.69	146	81744	44.04	ng	95
13) 1,4-Dichlorobenzene	7.89	146	84000	42.68	ng	97
14) 1,2-Dichlorobenzene	8.21	146	82198	45.33	ng	99
15) Benzyl Alcohol	8.29	79	70908	49.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	93645	46.97	ng	92
17) 2-Methylphenol	8.64	107	63032	47.28	ng	97
18) Hexachloroethane	8.95	117	31727	46.34	ng	99
19) n-Nitroso-di-n-propylamine	8.93	70	60152	48.14	ng	97
20) 3+4-Methylphenols	9.02	107	82082	46.50	ng	97
22) Acetophenone	8.85	105	117723	47.30	ng	95
24) Nitrobenzene	9.20	77	89651	47.98	ng	97
25) Isophorone	9.80	82	153051	45.81	ng	97
26) 2-Nitrophenol	9.93	139	42649	44.70	ng	# 82
27) 2,4-Dimethylphenol	10.22	122	70737	48.95	ng	97
28) bis(2-Chloroethoxy)methane	10.42	93	93816	49.41	ng	98
29) 2,4-Dichlorophenol	10.54	162	67967	50.46	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	70804	47.33	ng	99
31) Naphthalene	10.81	128	239404	45.76	ng	99
32) Benzoic acid	10.56	122	22100	27.61	ng	91
33) 4-Chloroaniline	11.05	127	60324	28.53	ng	99
34) Hexachlorobutadiene	11.18	225	39104	44.06	ng	95
35) Caprolactam	11.89	113	18628m	46.98	ng	
36) 4-Chloro-3-methylphenol	12.36	107	73347	47.57	ng	95
37) 2-Methylnaphthalene	12.47	142	164217	45.96	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	66830	49.88	ng	96
40) Hexachlorocyclopentadiene	12.86	237	58698	81.31	ng	96

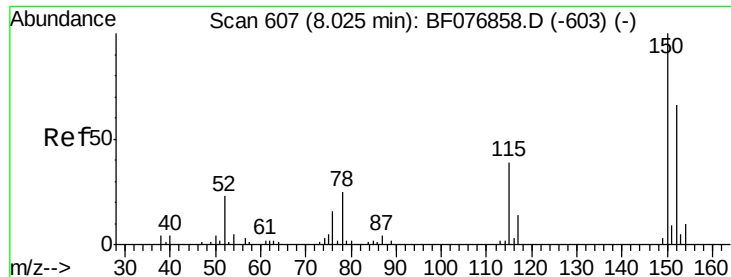
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077029.D
 Acq On : 23 Jan 2015 3:26
 Operator : TP/IZ
 Sample : G1120-01MSD
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Quant Time: Jan 23 10:19:45 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 03:40:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	45495	46.61	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	48541	48.76	ng	95
45) 1,1'-Biphenyl	13.61	154	194507	48.42	ng	98
46) 2-Chloronaphthalene	13.59	162	156421	47.32	ng	98
47) 2-Nitroaniline	13.93	65	50204	50.06	ng	89
48) Acenaphthylene	14.54	152	249272	44.70	ng	99
49) Dimethylphthalate	14.49	163	197719	51.45	ng	98
50) 2,6-Dinitrotoluene	14.59	165	38995	50.79	ng	93
51) Acenaphthene	14.96	154	143822	45.46	ng	97
52) 3-Nitroaniline	14.93	138	35599	35.98	ng	# 75
53) 2,4-Dinitrophenol	15.21	184	29246	81.00	ng	92
54) Dibenzofuran	15.40	168	221022	47.96	ng	96
55) 4-Nitrophenol	15.53	139	61709	102.44	ng	# 81
56) 2,4-Dinitrotoluene	15.52	165	53666	46.68	ng	# 88
57) Fluorene	16.13	166	184566	47.27	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.74	232	35782	49.36	ng	97
59) Diethylphthalate	16.13	149	197607	50.88	ng	98
60) 4-Chlorophenyl-phenylether	16.22	204	78188	48.94	ng	# 86
61) 4-Nitroaniline	16.27	138	38652	40.18	ng	95
62) Azobenzene	16.51	77	198797	49.12	ng	99
64) 4,6-Dinitro-2-methylphenol	16.35	198	23432	41.25	ng	99
65) n-Nitrosodiphenylamine	16.46	169	149787	46.95	ng	97
66) 4-Bromophenyl-phenylether	17.07	248	44483	49.07	ng	92
67) Hexachlorobenzene	17.08	284	46079	48.24	ng	91
68) Atrazine	17.44	200	53142	54.89	ng	94
69) Pentachlorophenol	17.44	266	41813	94.09	ng	93
70) Phenanthrene	17.73	178	261861	46.93	ng	98
71) Anthracene	17.81	178	262076	48.17	ng	98
72) Carbazole	18.09	167	253051	47.95	ng	98
73) Di-n-butylphthalate	18.68	149	310633	50.85	ng	99
74) Fluoranthene	19.37	202	268987	47.05	ng	97
76) Benzidine	19.61	184	160881	58.59	ng	99
77) Pyrene	19.66	202	281720	47.90	ng	100
79) Butylbenzylphthalate	20.59	149	143147	53.74	ng	94
80) Benzo(a)anthracene	21.18	228	255980	47.55	ng	99
81) 3,3'-Dichlorobenzidine	21.19	252	76177	44.52	ng	97
82) Chrysene	21.23	228	238664	48.61	ng	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	204851	55.59	ng	96
84) Di-n-octyl phthalate	22.09	149	348231	54.45	ng	98
85) Indeno(1,2,3-cd)pyrene	23.89	276	238349	45.81	ng	# 84
87) Benzo(b)fluoranthene	22.43	252	247373	48.47	ng	# 96
88) Benzo(k)fluoranthene	22.45	252	204372m	45.84	ng	
89) Benzo(a)pyrene	22.77	252	221770	49.26	ng	98
90) Dibenzo(a,h)anthracene	23.92	278	200237	48.48	ng	99
91) Benzo(g,h,i)perylene	24.17	276	202326	49.27	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

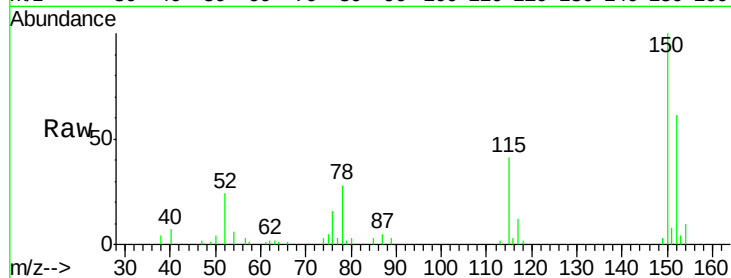
Tot Ion:152 Resp: 23267

Ion Ratio Lower Upper

152 100

150 164.2 121.7 182.5

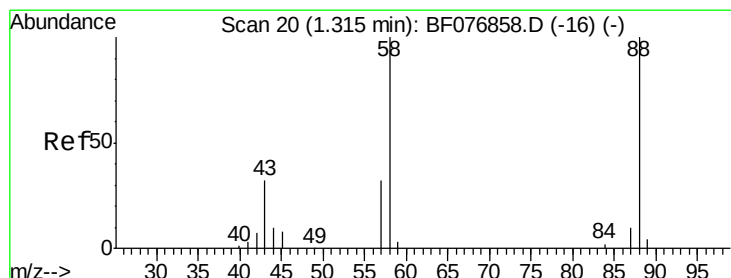
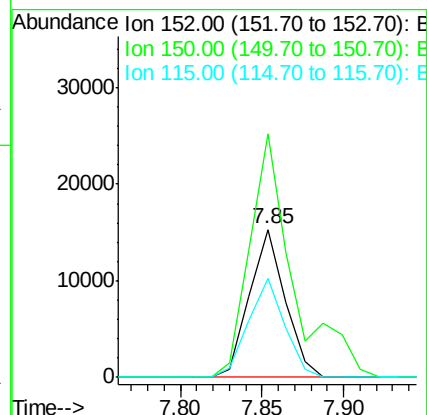
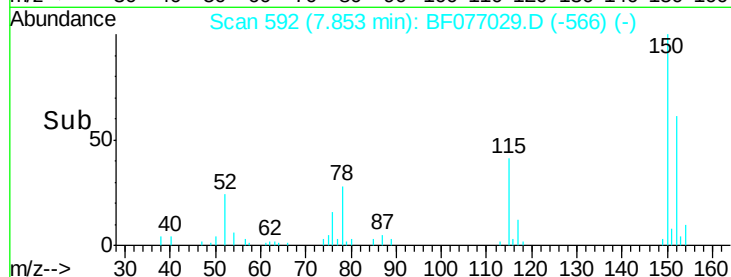
115 67.0 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.47 ng

RT: 1.21 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

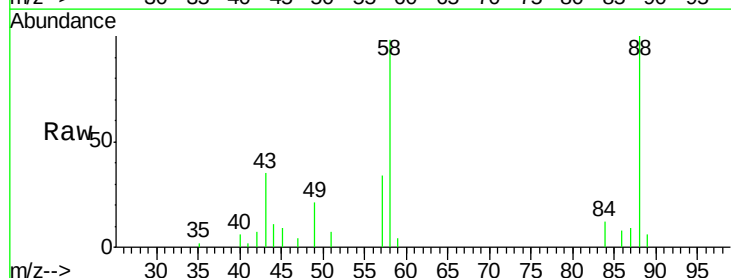
Tgt Ion: 88 Resp: 17856

Ion Ratio Lower Upper

88 100

58 99.1 77.0 115.4

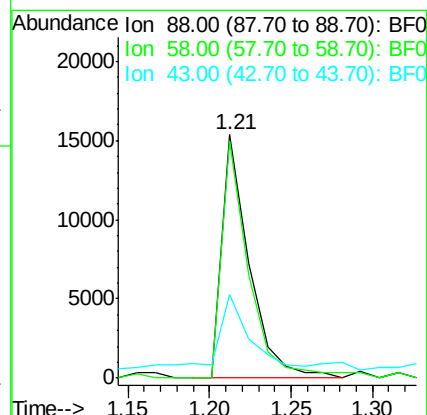
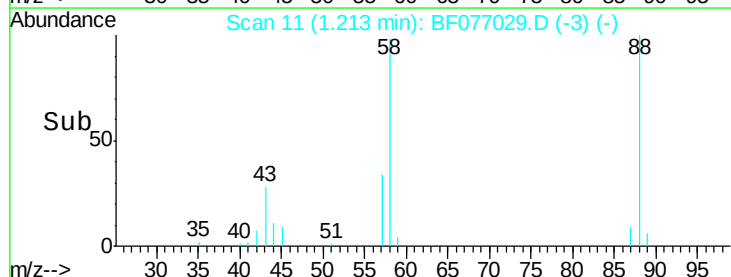
43 30.1 25.6 38.4

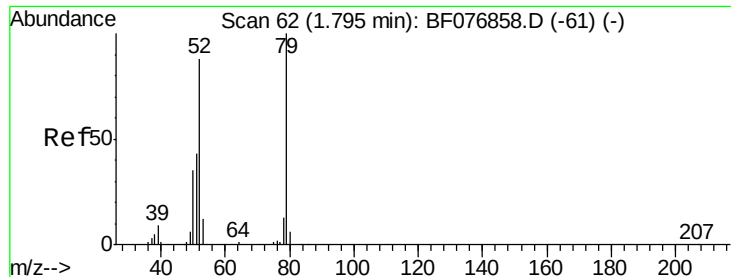


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.27 ng

RT: 1.68 min Scan# 52

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

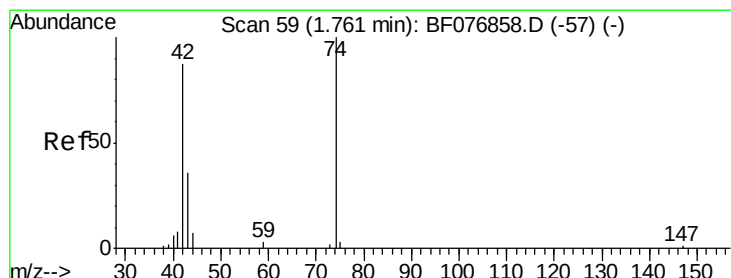
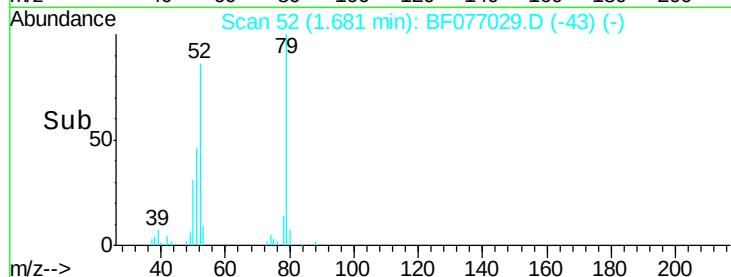
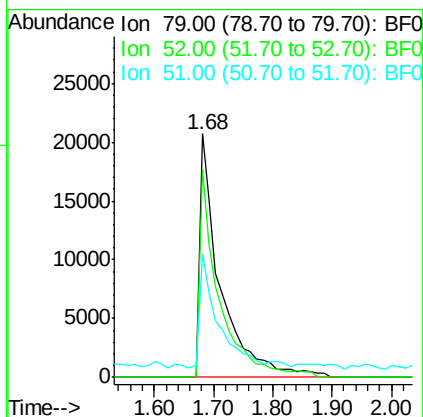
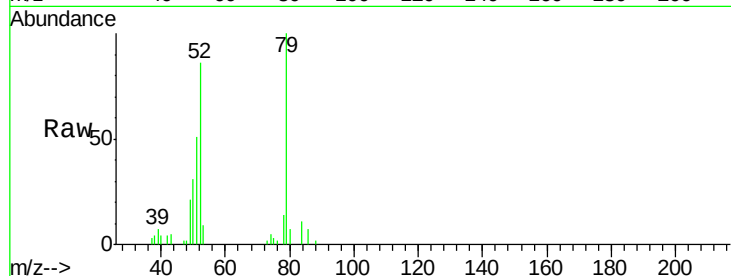
Tot Ion: 79 Resp: 50591

Ion Ratio Lower Upper

79 100

52 85.6 70.1 105.1

51 50.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 44.38 ng

RT: 1.64 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

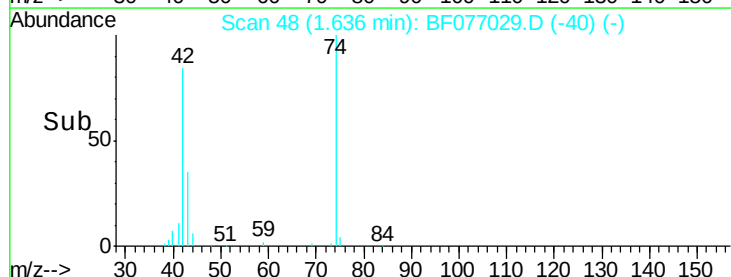
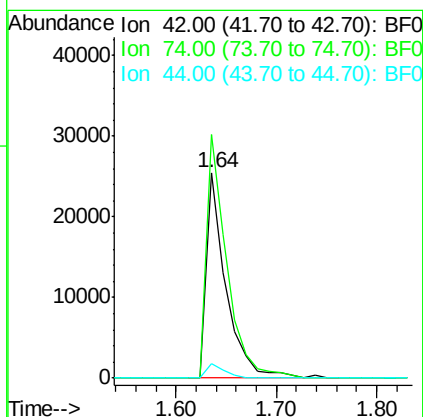
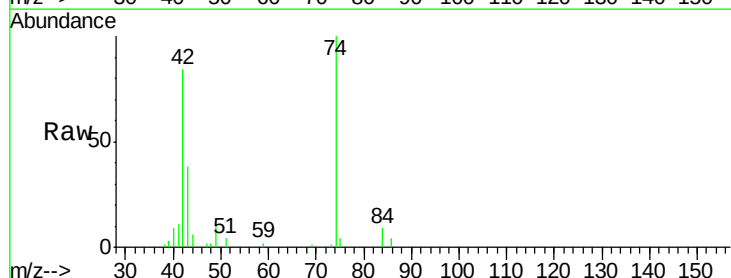
Tgt Ion: 42 Resp: 34467

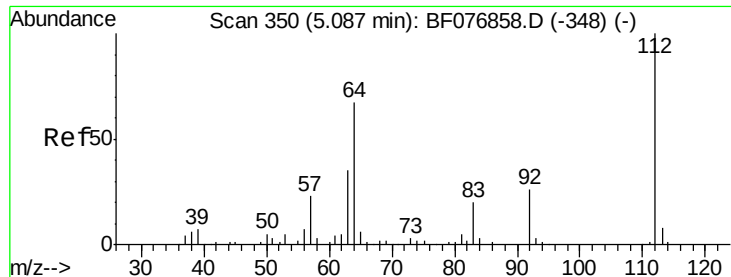
Ion Ratio Lower Upper

42 100

74 118.4 92.4 138.6

44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 150.51 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

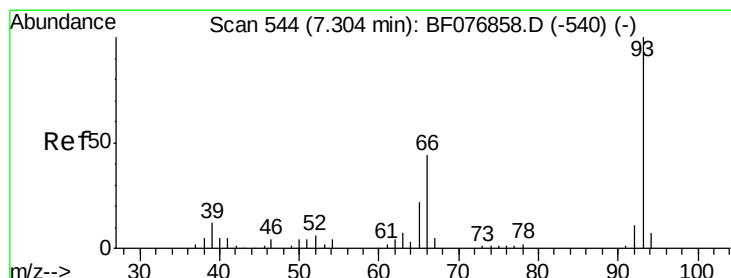
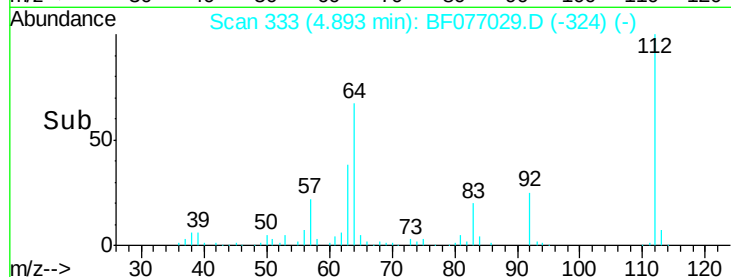
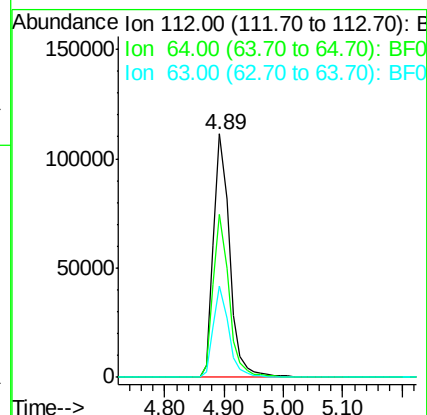
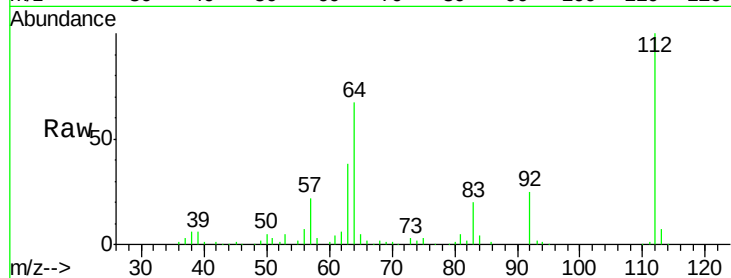
Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

Tot Ion:	112	Resp:	212992
Ion	Ratio	Lower	Upper
112	100		
64	66.7	54.2	81.4
63	37.6	28.4	42.6



#6

Aniline

Concen: 30.21 ng

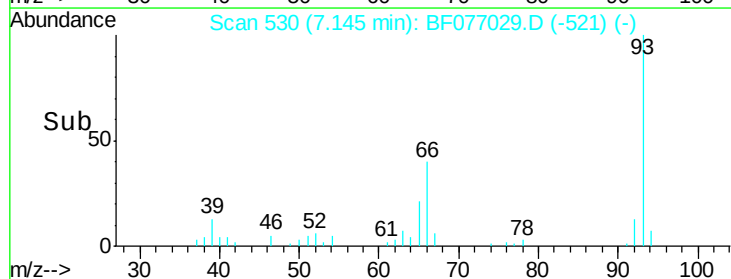
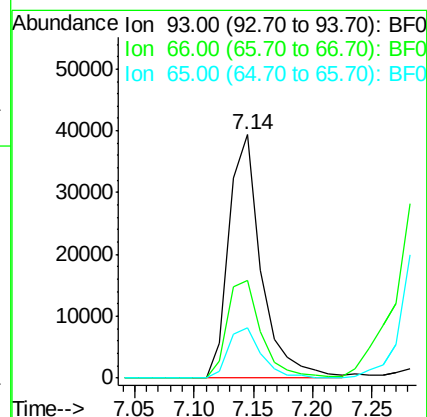
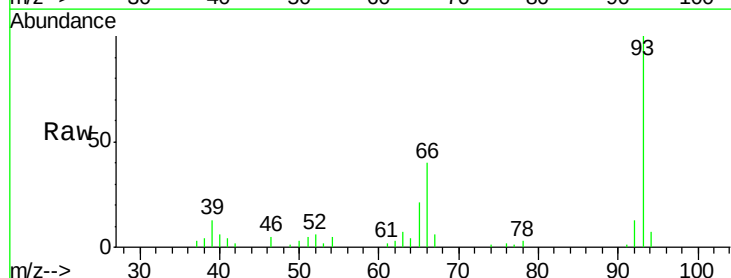
RT: 7.14 min Scan# 530

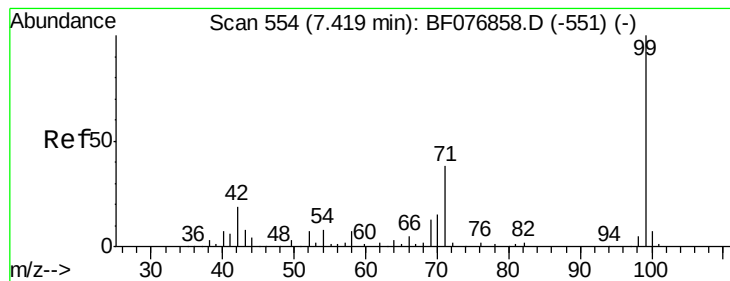
Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Tgt Ion:	93	Resp:	74640
Ion	Ratio	Lower	Upper
93	100		
66	40.2	35.0	52.4
65	20.8	17.7	26.5





#7

Phenol-d6

Concen: 154.58 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

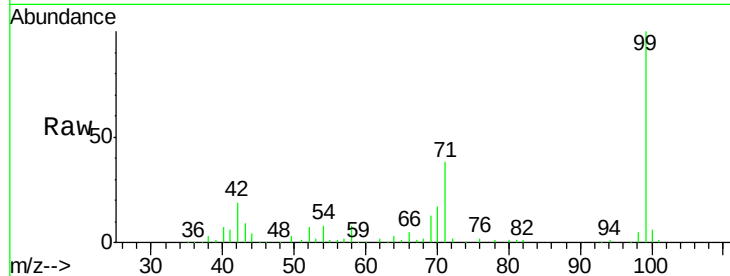
Tot Ion: 99 Resp: 275949

Ion Ratio Lower Upper

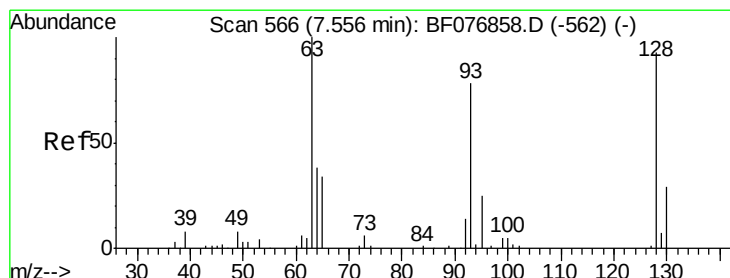
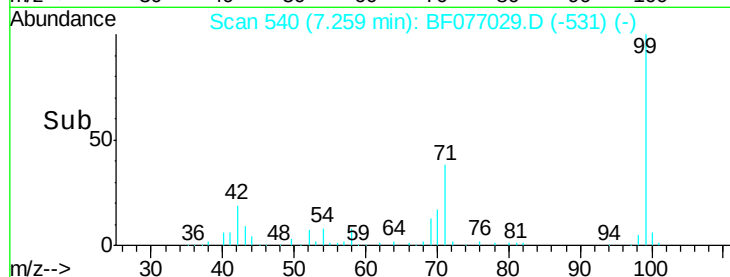
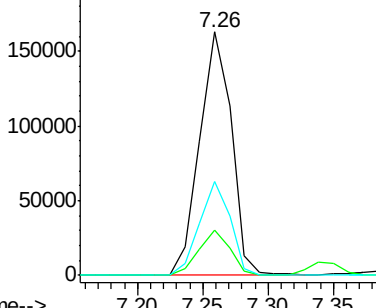
99 100

42 18.5 15.0 22.4

71 38.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.02 ng

RT: 7.38 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

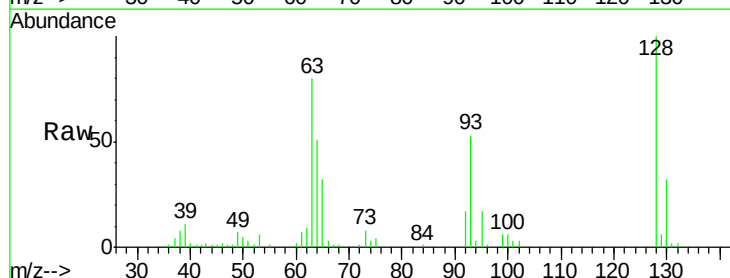
Tgt Ion: 128 Resp: 78342

Ion Ratio Lower Upper

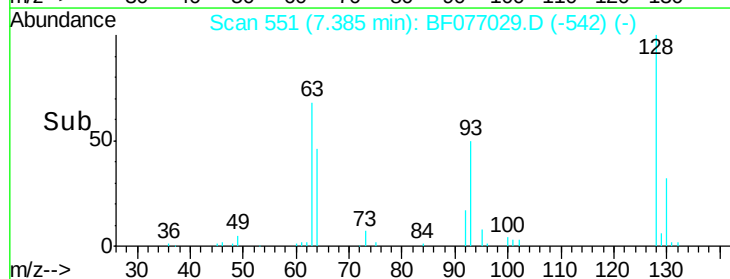
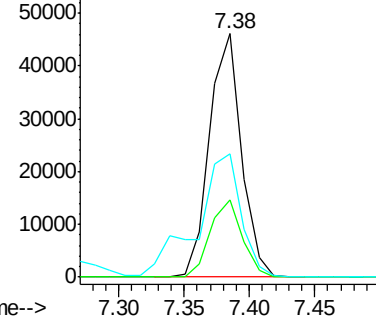
128 100

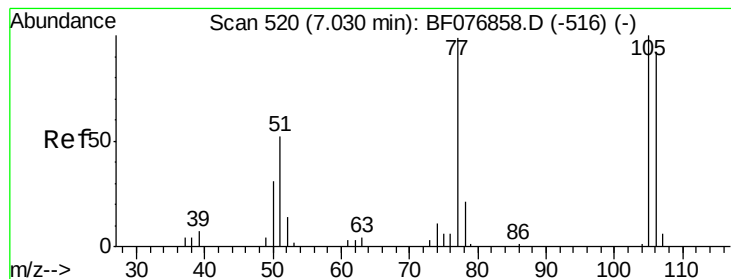
130 31.8 11.0 51.0

64 50.6 29.3 69.3



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





#9

Benzaldehyde

Concen: 15.70 ng

RT: 6.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

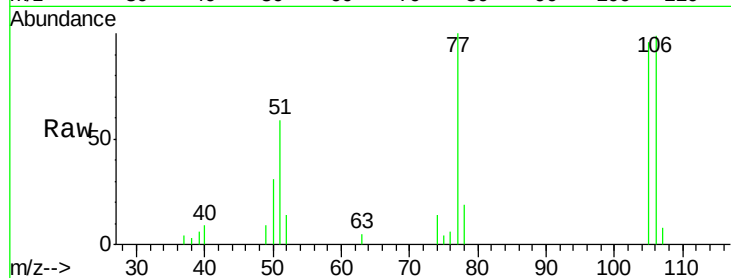
Tot Ion: 77 Resp: 18091

Ion Ratio Lower Upper

77 100

105 95.6 81.4 121.4

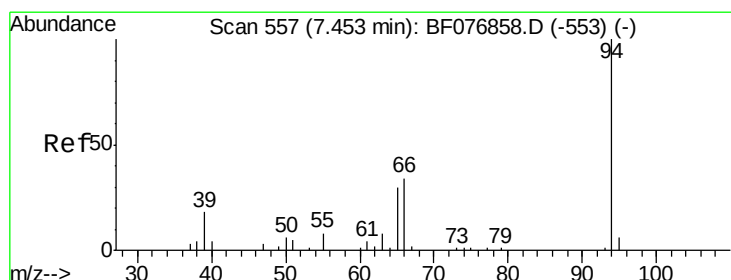
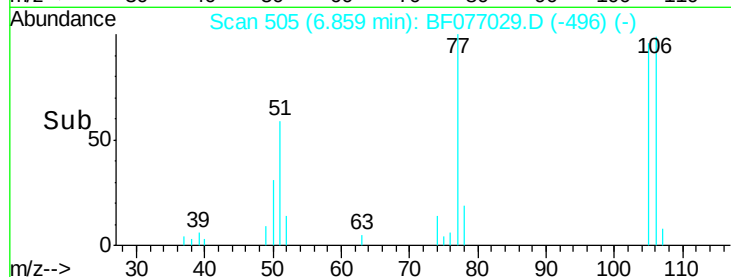
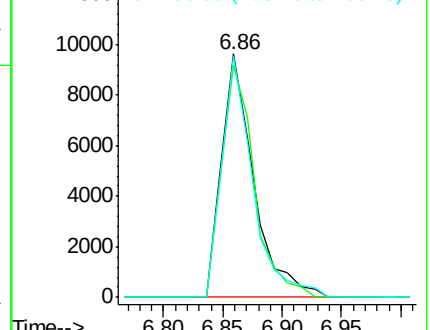
106 99.1 72.8 112.8



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: 53.43 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

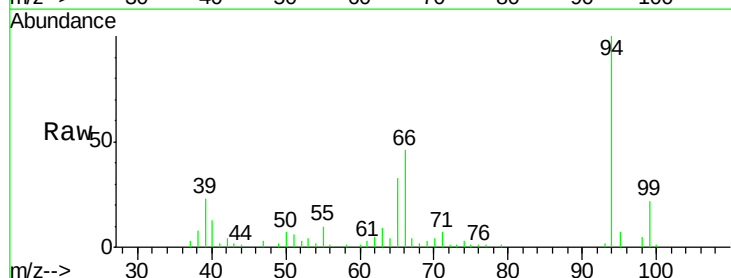
Tgt Ion: 94 Resp: 101293

Ion Ratio Lower Upper

94 100

65 32.8 11.3 51.3

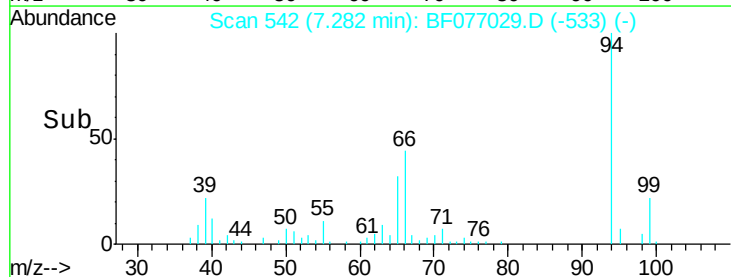
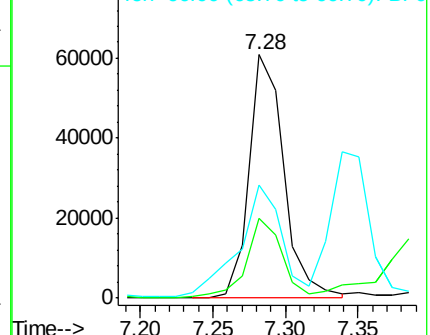
66 46.2 19.5 59.5

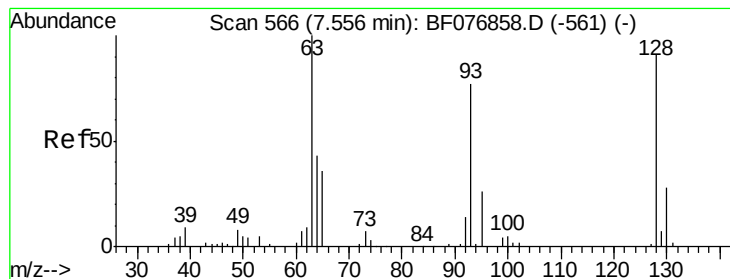


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.38 ng

RT: 7.40 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

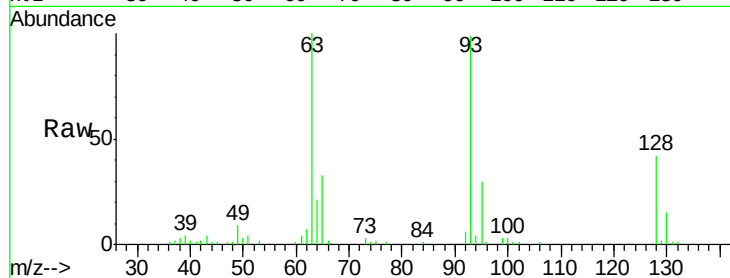
Tot Ion: 93 Resp: 74725

Ion Ratio Lower Upper

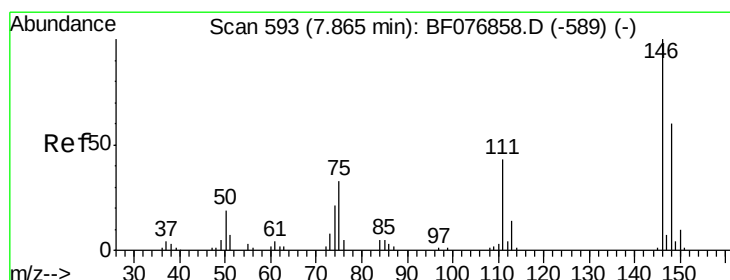
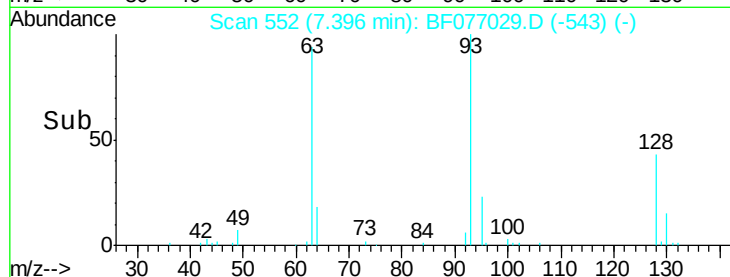
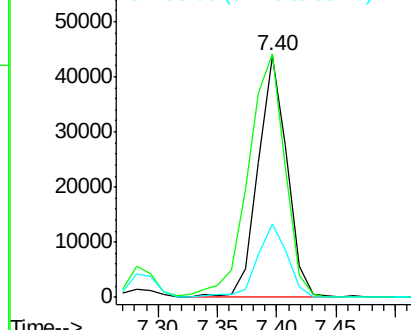
93 100

63 100.7 111.3 151.3#

95 30.4 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 44.04 ng

RT: 7.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

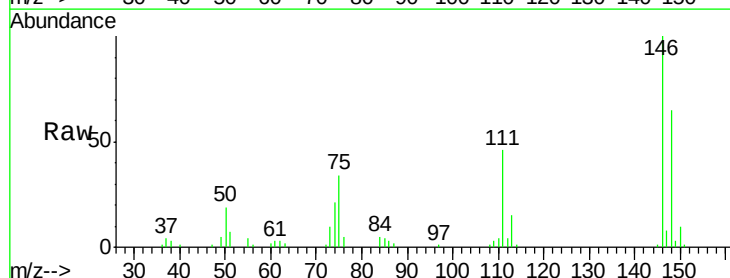
Tgt Ion: 146 Resp: 81744

Ion Ratio Lower Upper

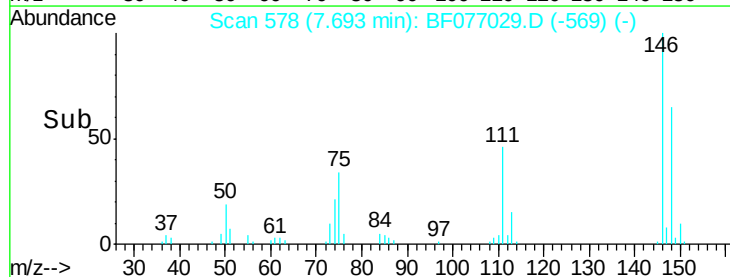
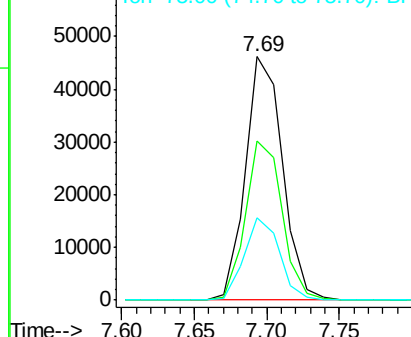
146 100

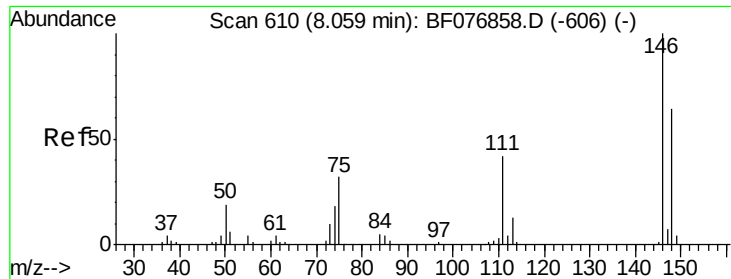
148 65.1 48.1 72.1

75 33.9 26.8 40.2



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

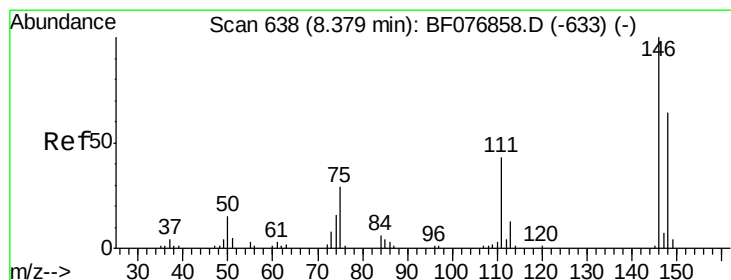
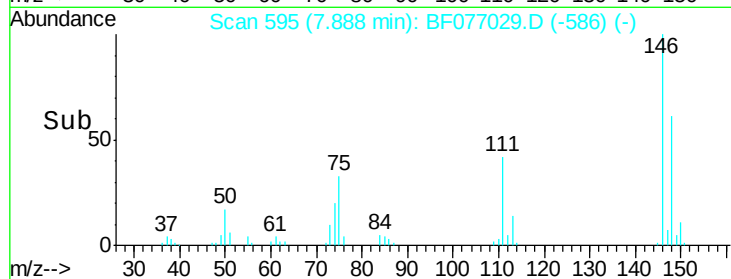
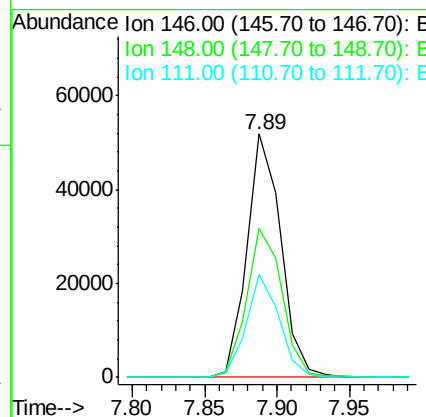
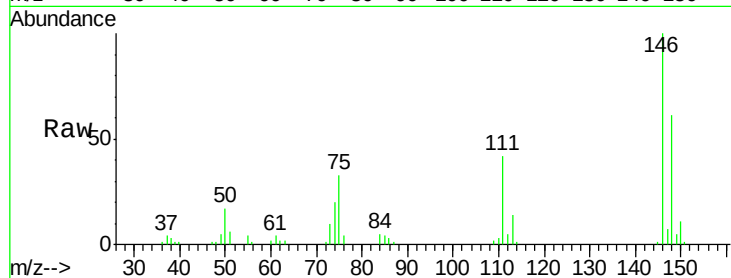




#13
 1,4-Dichlorobenzene
 Concen: 42.68 ng
 RT: 7.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

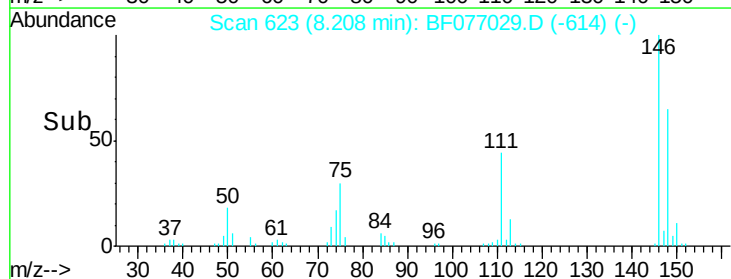
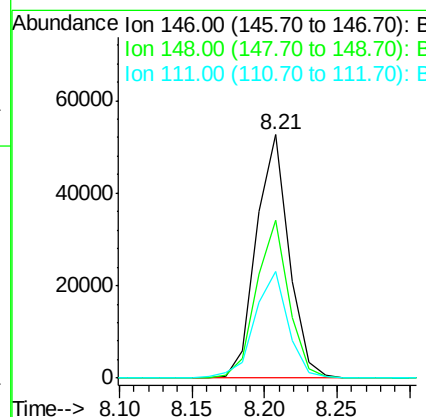
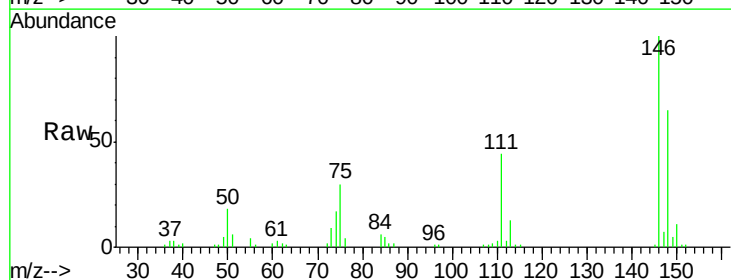
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

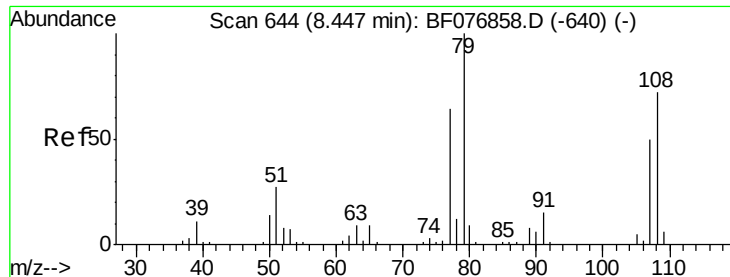
Tot Ion:146 Resp: 84000
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.5 77.3
 111 42.4 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 45.33 ng
 RT: 8.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:146 Resp: 82198
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 43.7 34.5 51.7

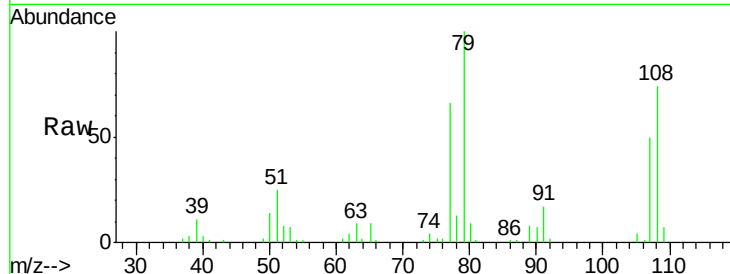




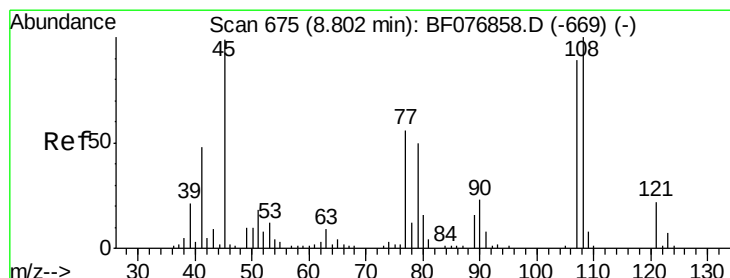
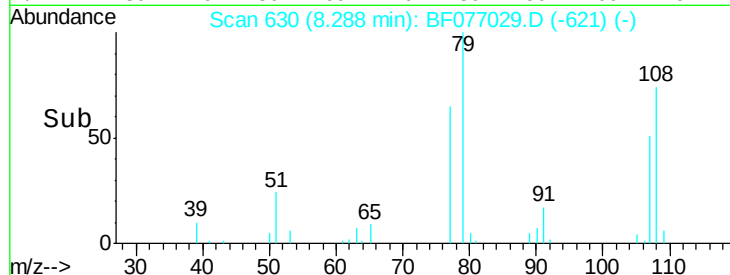
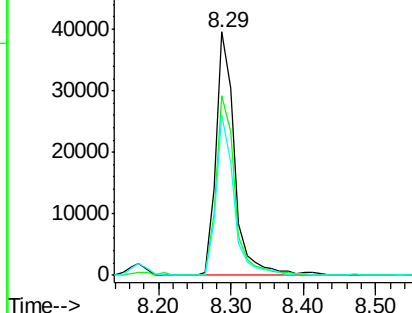
#15
Benzyl Alcohol
Concen: 49.09 ng
RT: 8.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

Tot Ion: 79 Resp: 70908
Ion Ratio Lower Upper
79 100
108 73.5 57.2 85.8
77 65.8 51.2 76.8

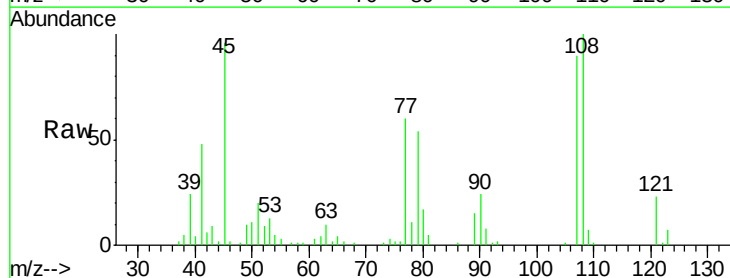


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

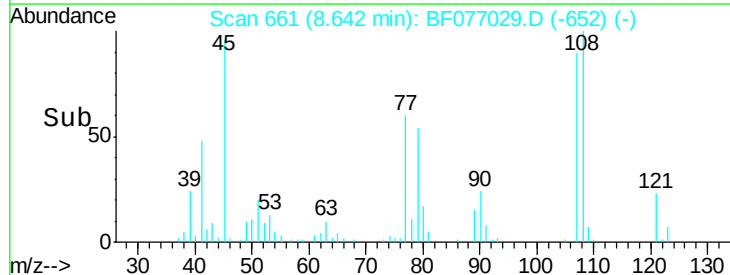
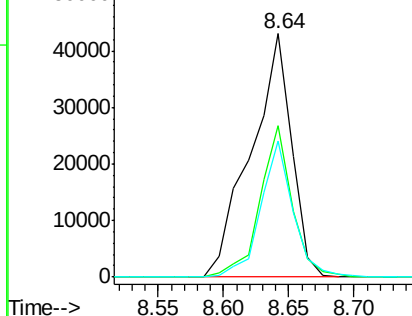


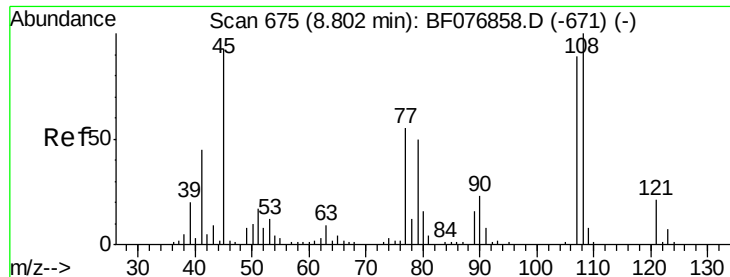
#16
2,2'-oxybis(1-chloropropane)
Concen: 46.97 ng
RT: 8.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion: 45 Resp: 93645
Ion Ratio Lower Upper
45 100
77 62.4 36.1 76.1
79 56.1 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: 47.28 ng

RT: 8.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

Tot Ion:107 Resp: 63032

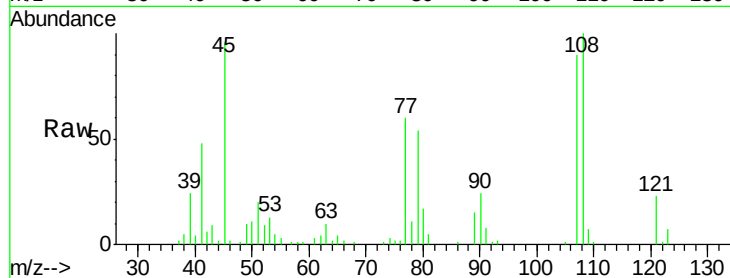
Ion Ratio Lower Upper

107 100

108 110.8 89.7 134.5

77 66.5 50.1 75.1

79 59.8 45.0 67.6

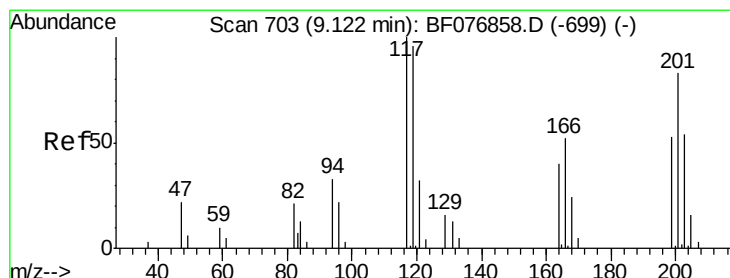
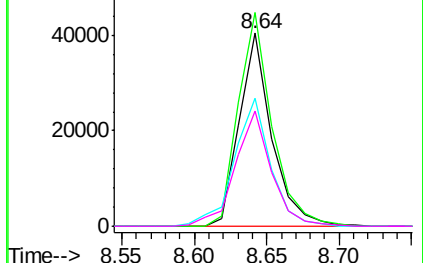
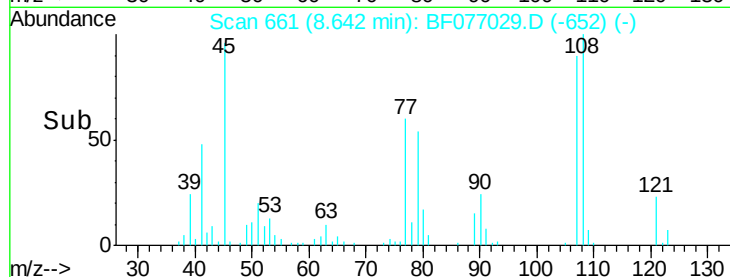


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.34 ng

RT: 8.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

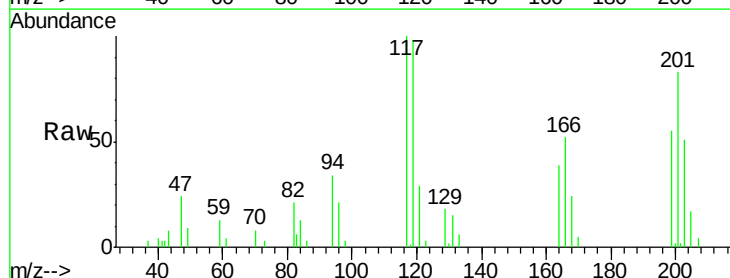
Tgt Ion:117 Resp: 31727

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

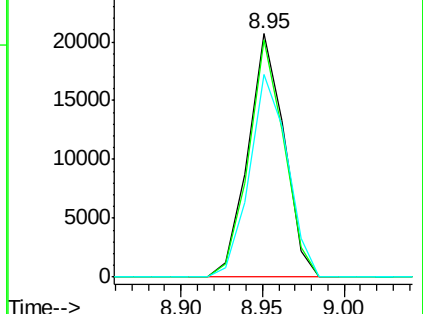
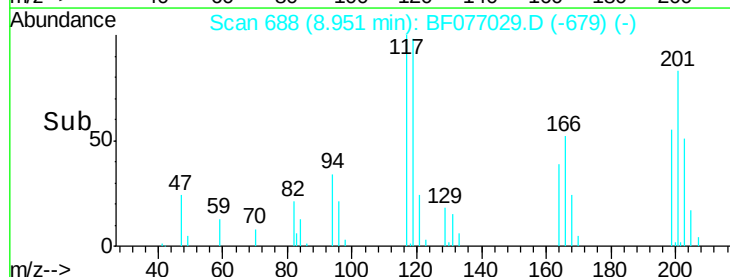
201 84.9 66.8 100.2

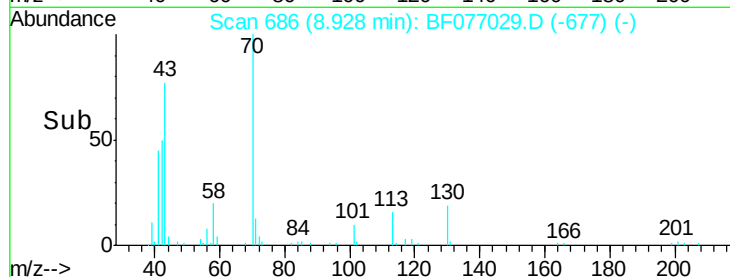
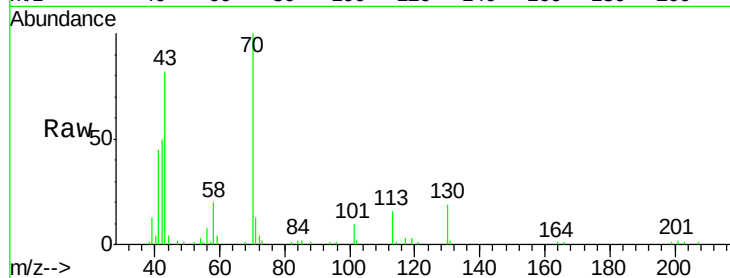
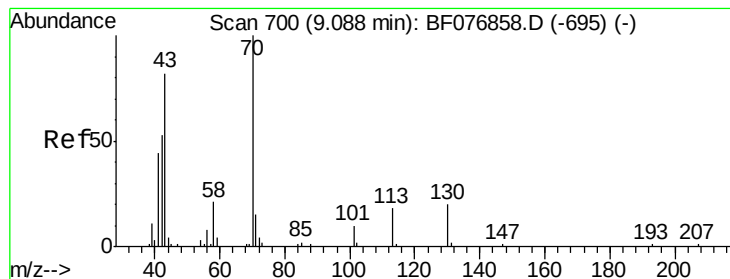


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 48.14 ng

RT: 8.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

Tot Ion: 70 Resp: 60152

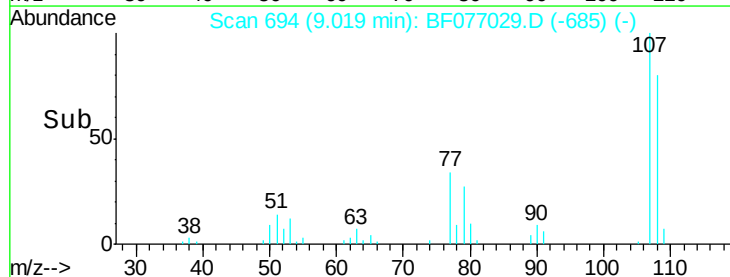
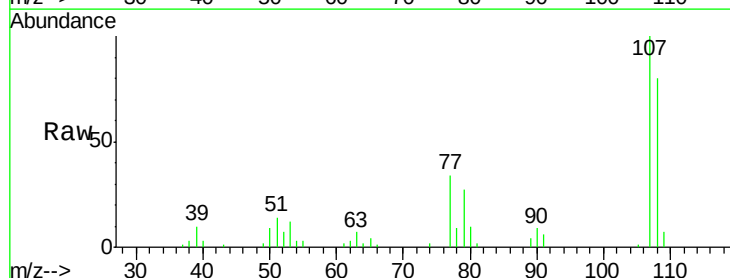
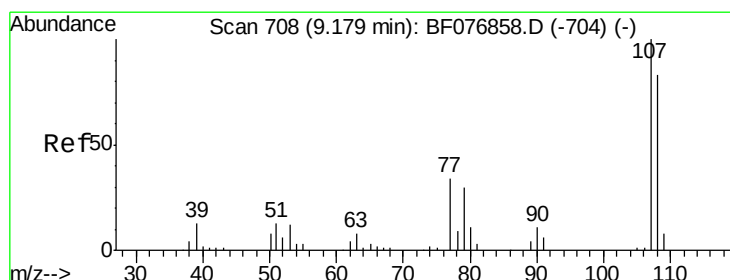
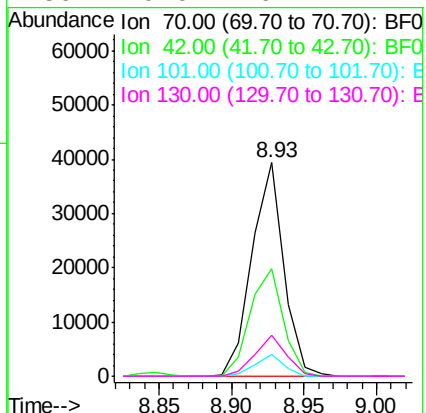
Ion Ratio Lower Upper

70 100

42 50.1 42.1 63.1

101 9.9 7.8 11.8

130 19.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 46.50 ng

RT: 9.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Tgt Ion: 107 Resp: 82082

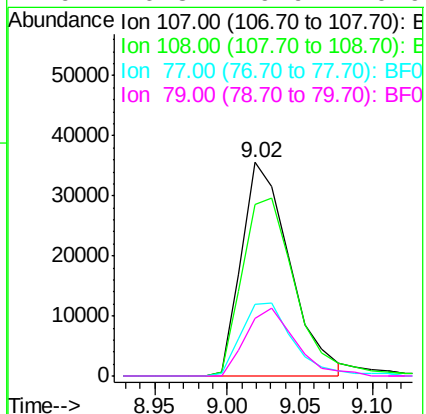
Ion Ratio Lower Upper

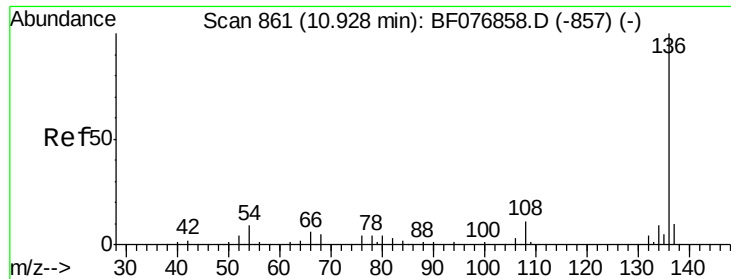
107 100

108 80.0 63.5 103.5

77 33.7 14.0 54.0

79 26.8 9.9 49.9

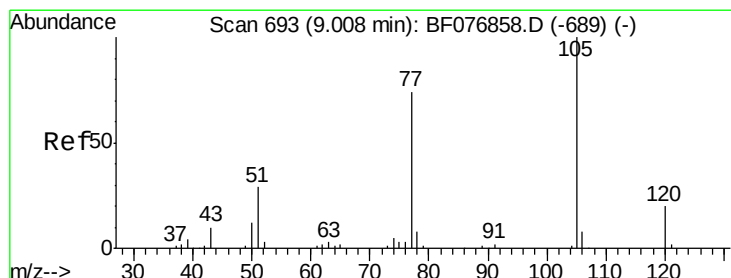
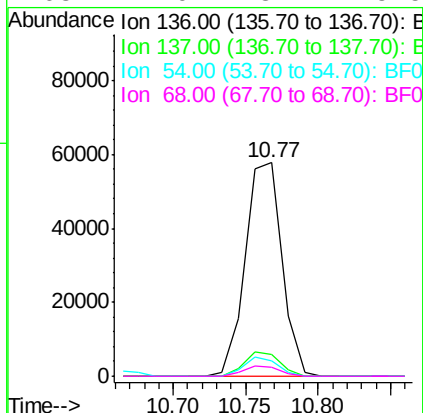
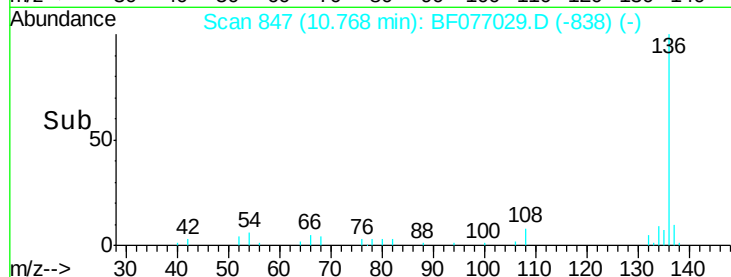
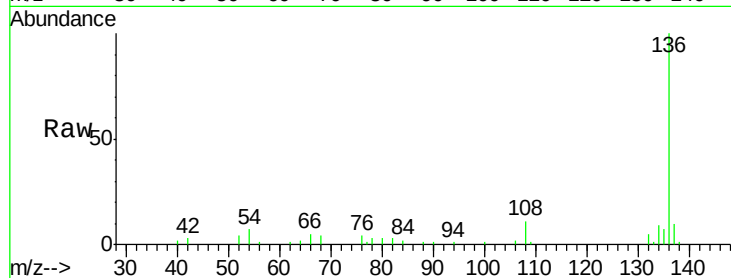




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

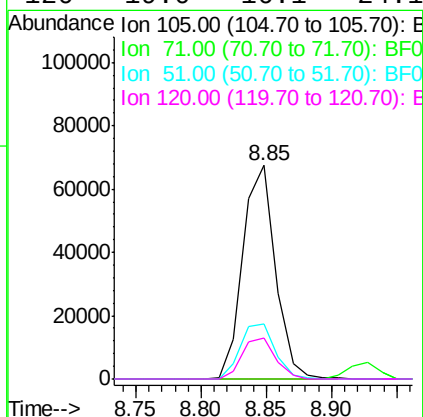
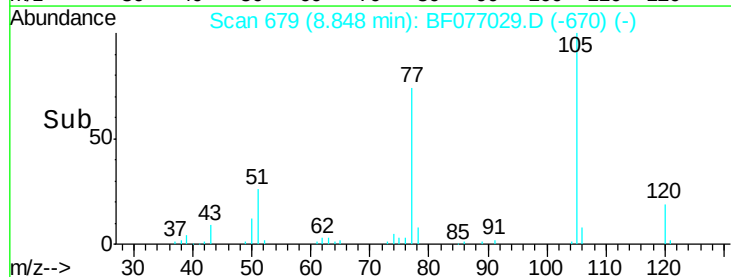
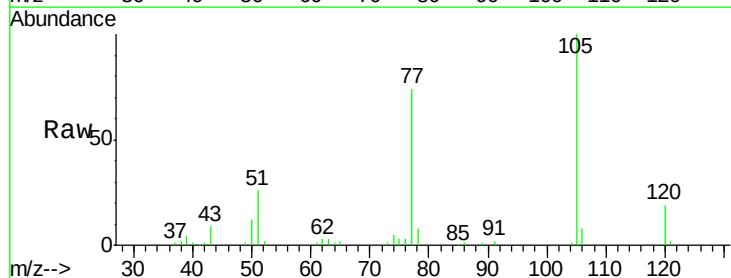
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

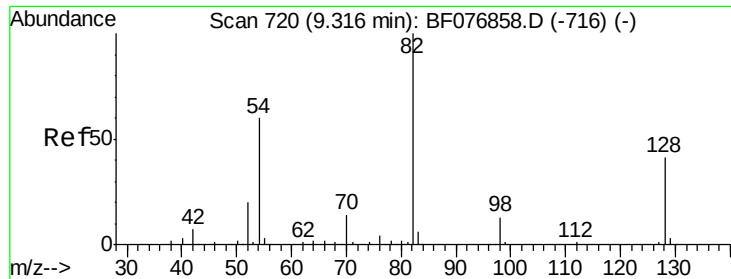
Tot Ion:136	Resp:	101623
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.1 12.1
54	7.3	7.0 10.4
68	4.0	3.7 5.5



#22
Acetophenone
Concen: 47.30 ng
RT: 8.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:105	Resp:	117723
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	25.7	23.3 34.9
120	19.0	16.1 24.1

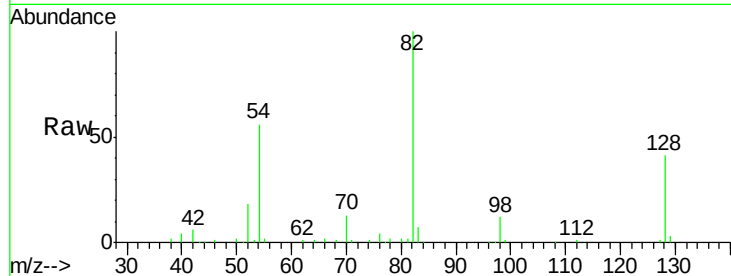




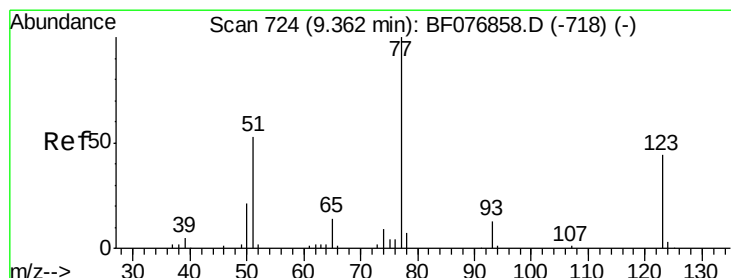
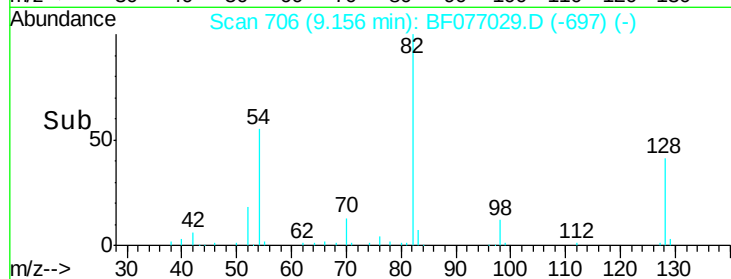
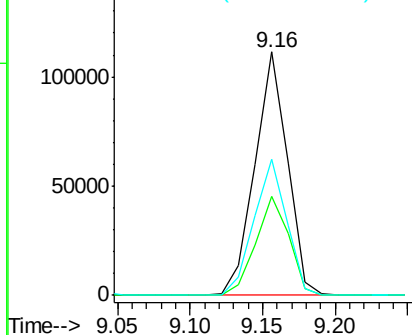
#23
 Nitrobenzene-d5
 Concen: 94.37 ng
 RT: 9.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion	82	Resp	173113
Ion Ratio	100	Lower	Upper
128	40.9	33.1	49.7
54	55.8	48.3	72.5

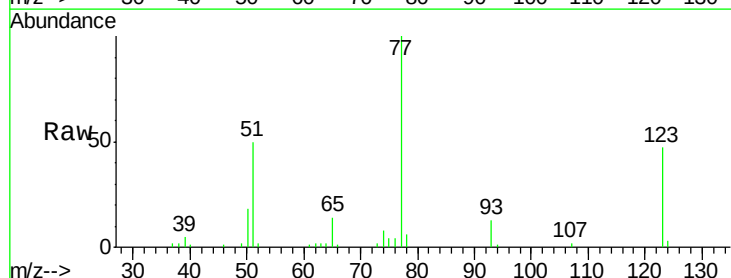


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

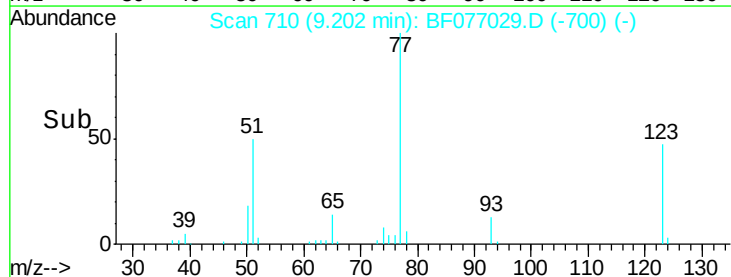
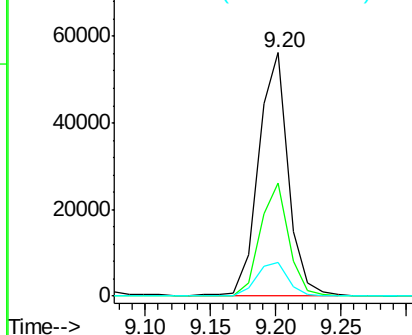


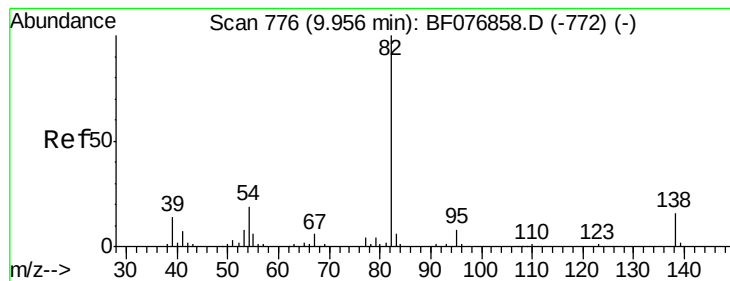
#24
 Nitrobenzene
 Concen: 47.98 ng
 RT: 9.20 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion	77	Resp	89651
Ion Ratio	100	Lower	Upper
123	46.6	35.2	52.8
65	13.8	11.4	17.2



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





#25

Isophorone

Concen: 45.81 ng

RT: 9.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

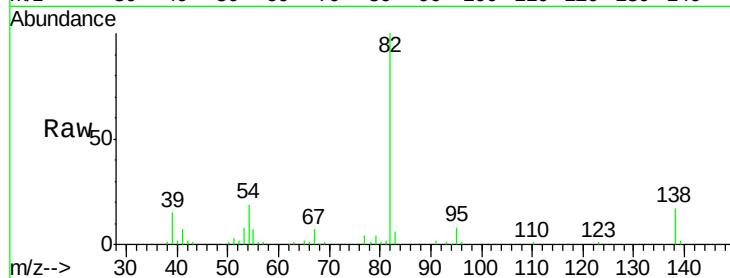
Tot Ion: 82 Resp: 153051

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

138 17.5 12.6 18.8

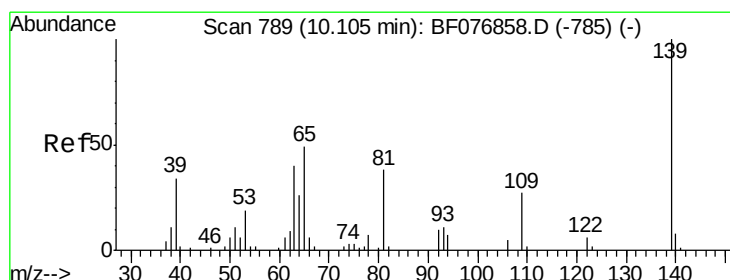
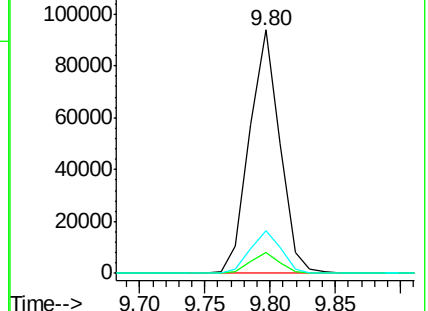
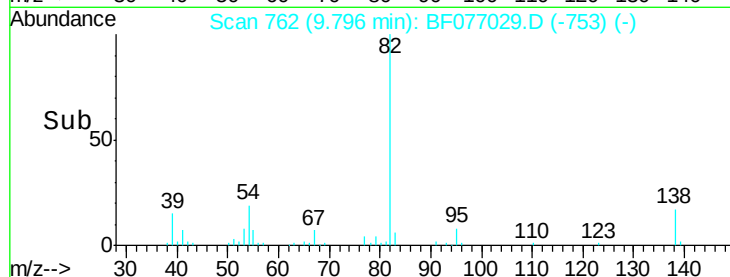


Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)

Time-->



#26

2-Nitrophenol

Concen: 44.70 ng

RT: 9.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

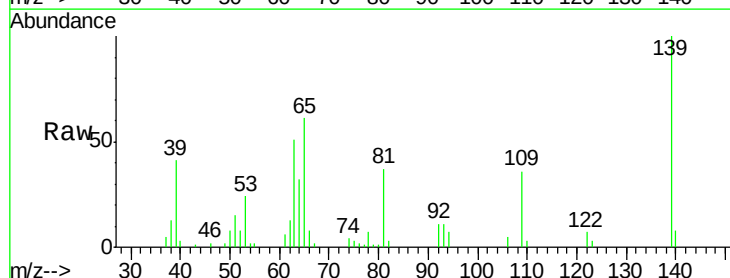
Tgt Ion: 139 Resp: 42649

Ion Ratio Lower Upper

139 100

109 36.2 21.3 31.9#

65 61.4 39.4 59.0#

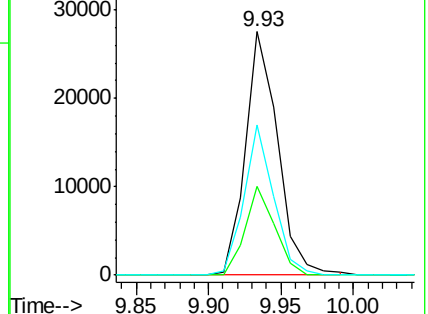
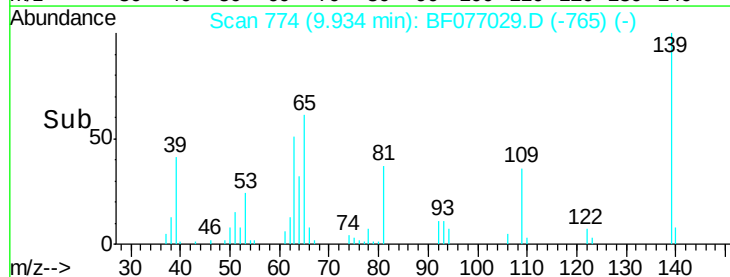


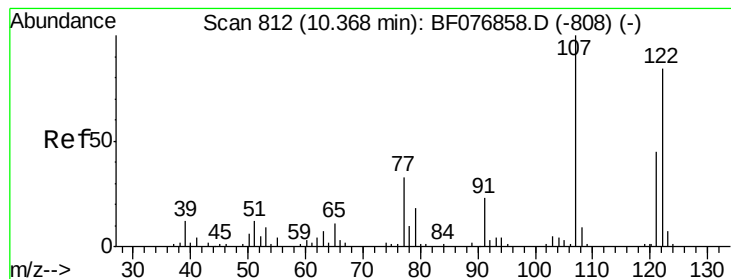
Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 48.95 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

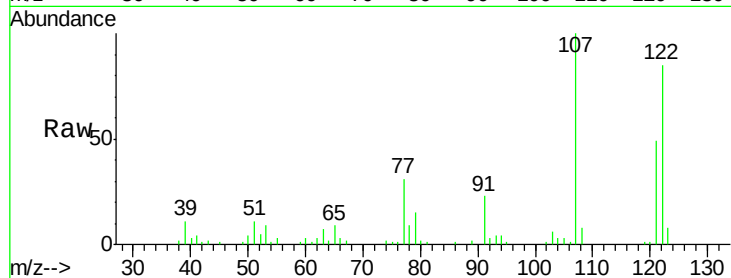
Tot Ion:122 Resp: 70737

Ion Ratio Lower Upper

122 100

107 117.7 95.2 142.8

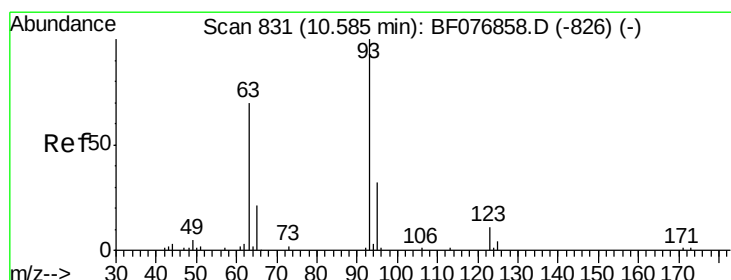
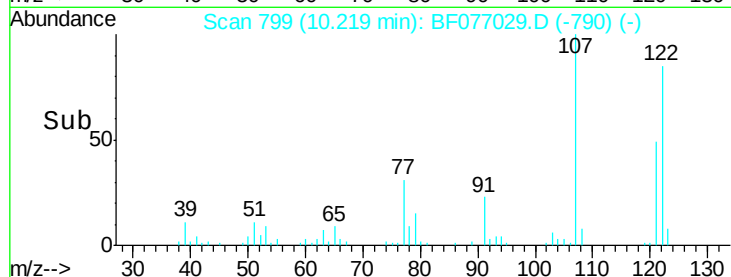
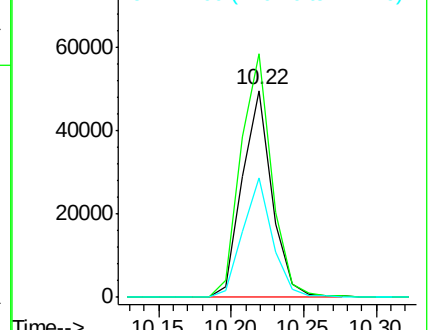
121 58.0 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.41 ng

RT: 10.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

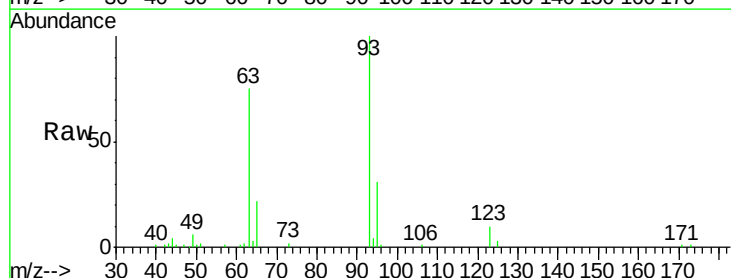
Tgt Ion: 93 Resp: 93816

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

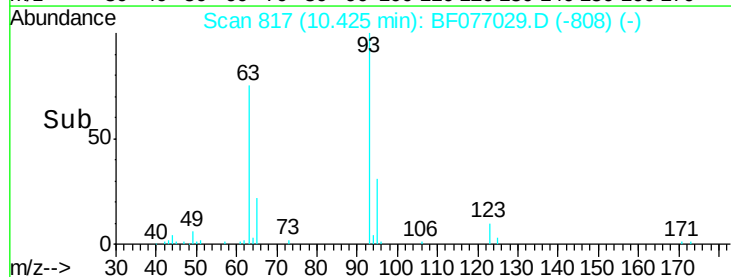
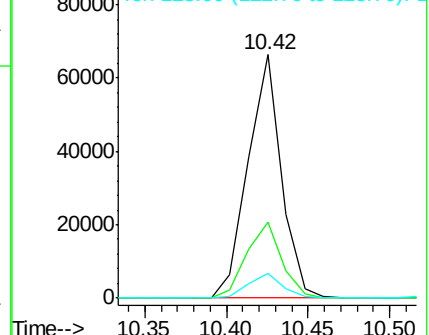
123 10.0 8.9 13.3

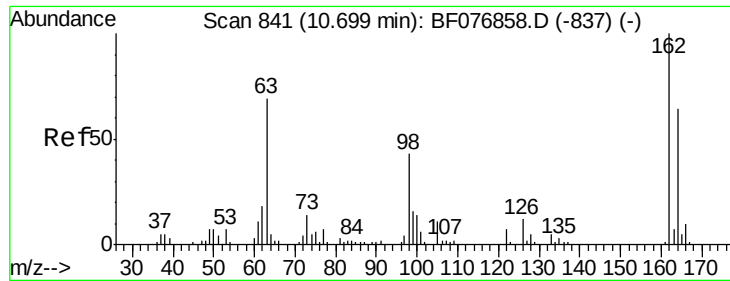


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

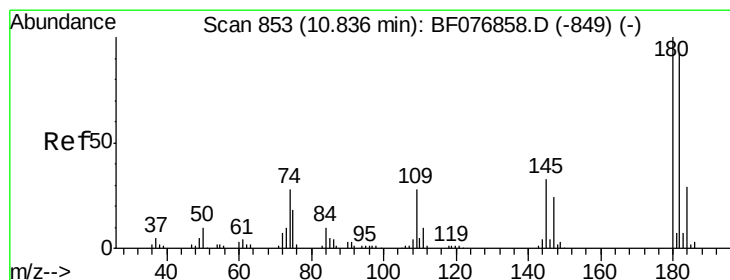
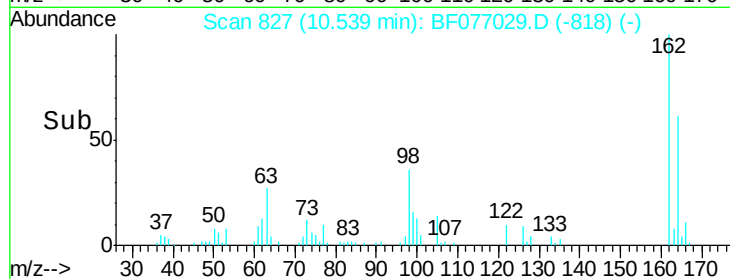
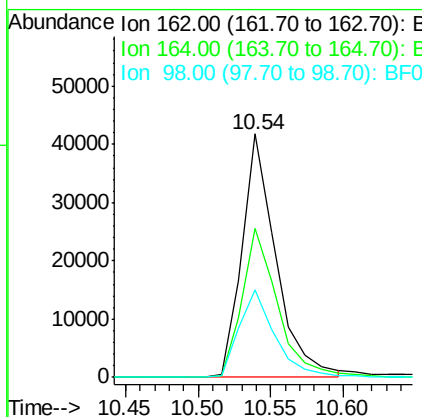
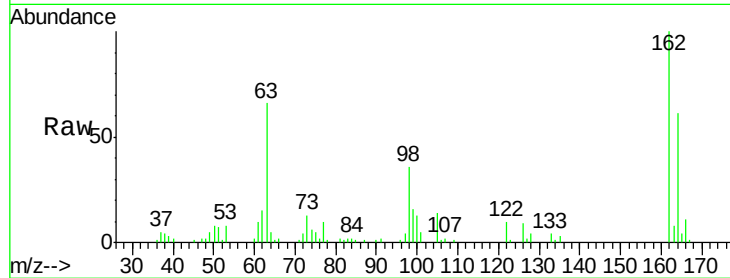




#29
 2,4-Dichlorophenol
 Concen: 50.46 ng
 RT: 10.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

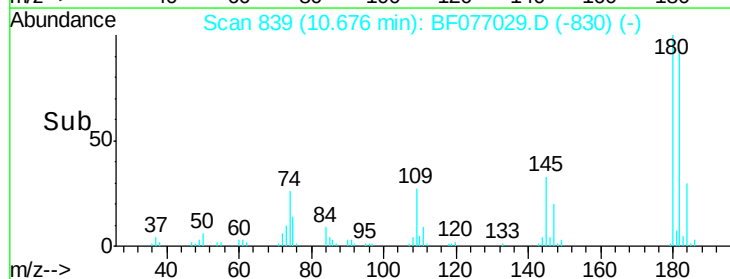
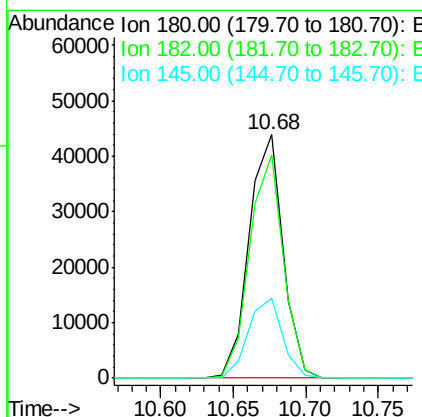
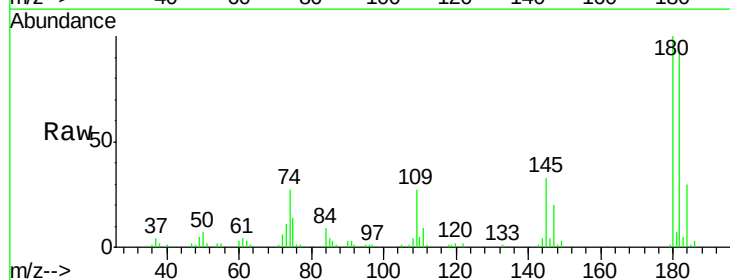
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

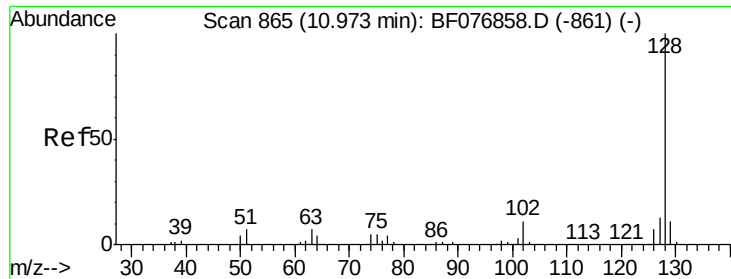
Tot Ion:162 Resp: 67967
 Ion Ratio Lower Upper
 162 100
 164 61.4 43.8 83.8
 98 36.0 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.33 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:180 Resp: 70804
 Ion Ratio Lower Upper
 180 100
 182 91.7 73.6 110.4
 145 32.5 26.6 39.8

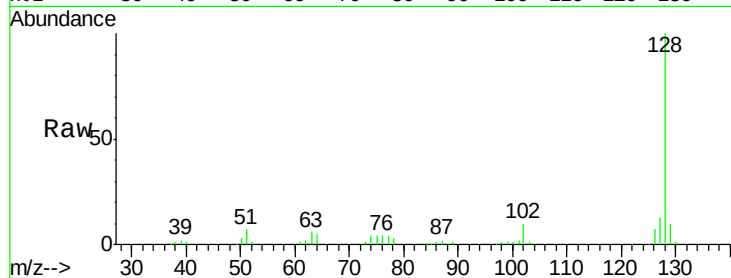




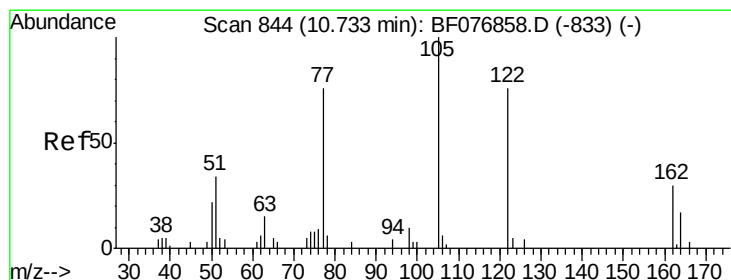
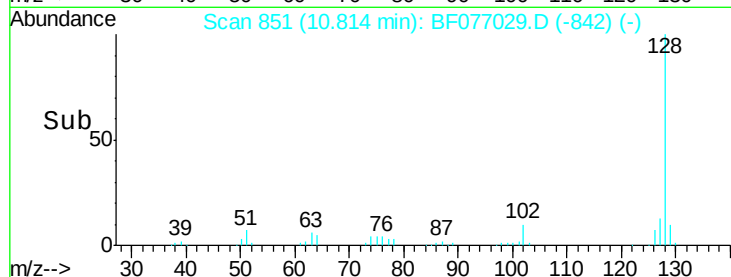
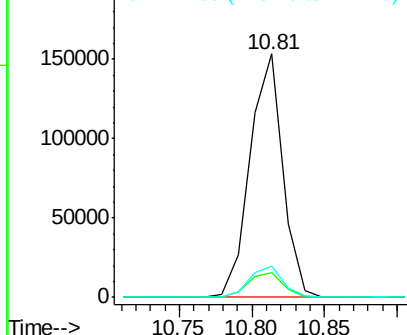
#31
Naphthalene
Concen: 45.76 ng
RT: 10.81 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

Tot Ion:128 Resp: 239404
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 12.7 10.2 15.2

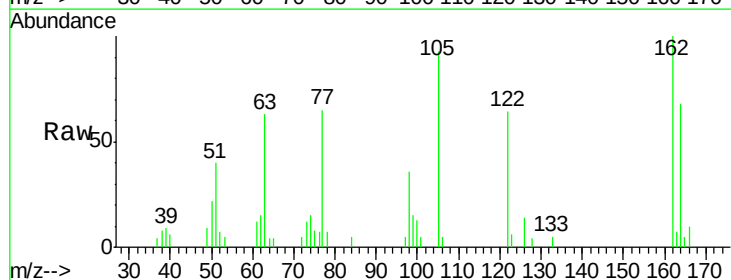


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

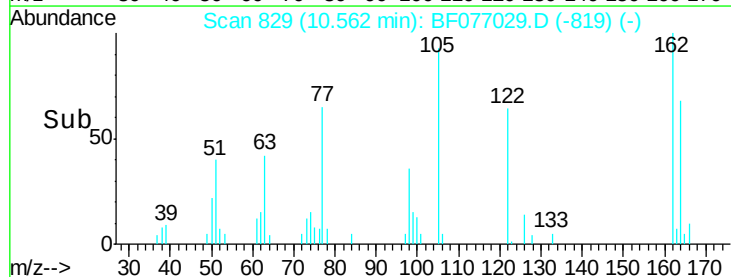
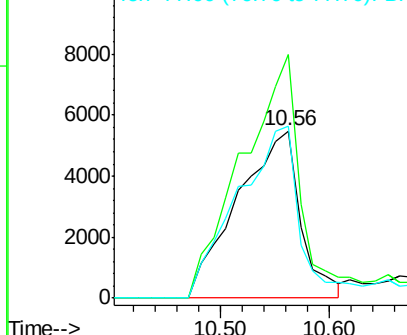


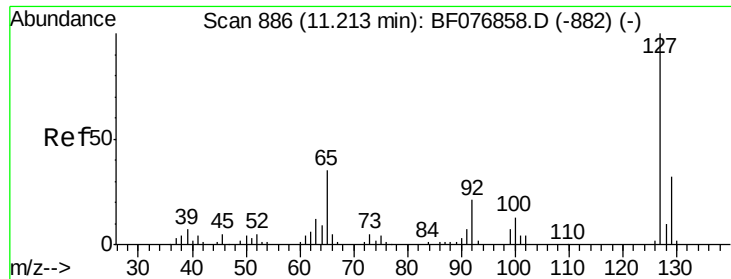
#32
Benzoic acid
Concen: 27.61 ng
RT: 10.56 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:122 Resp: 22100
Ion Ratio Lower Upper
122 100
105 145.7 111.3 151.3
77 102.7 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

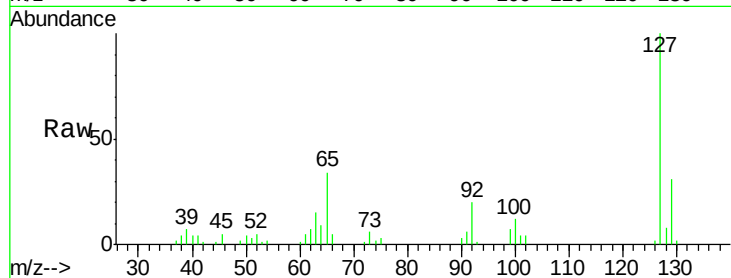




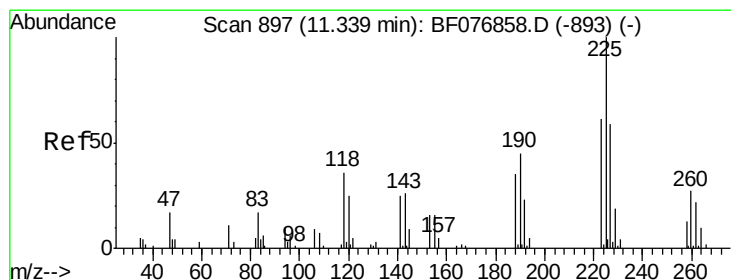
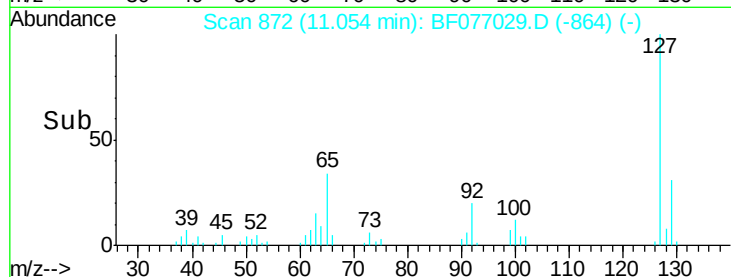
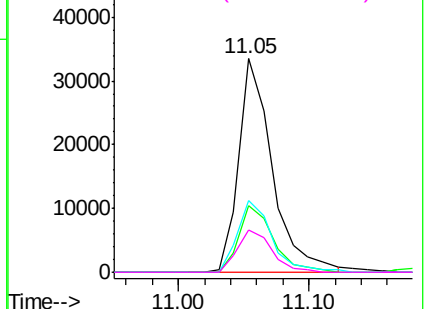
#33
4-Chloroaniline
Concen: 28.53 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

Tot Ion:127 Resp: 60324
Ion Ratio Lower Upper
127 100
129 31.2 25.3 37.9
65 33.7 27.8 41.6
92 19.9 16.5 24.7

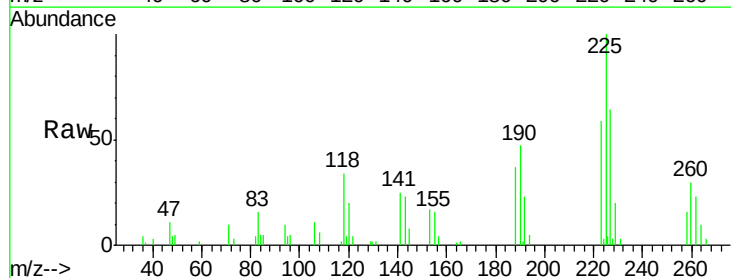


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

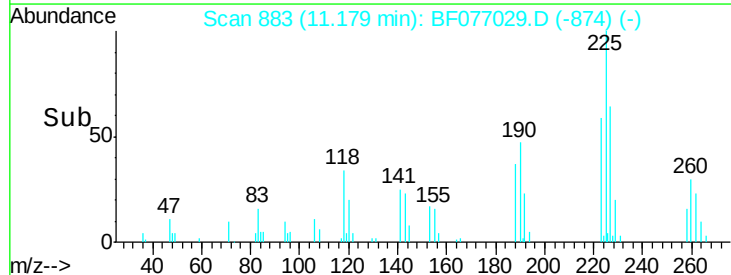
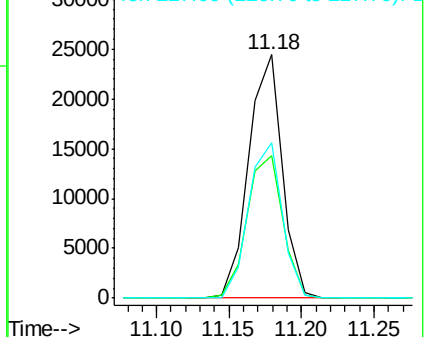


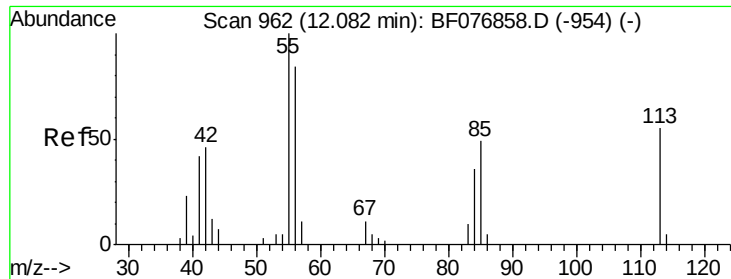
#34
Hexachlorobutadiene
Concen: 44.06 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:225 Resp: 39104
Ion Ratio Lower Upper
225 100
223 58.7 49.1 73.7
227 64.0 47.5 71.3



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

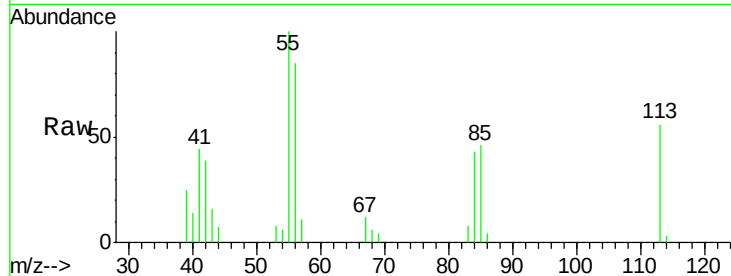




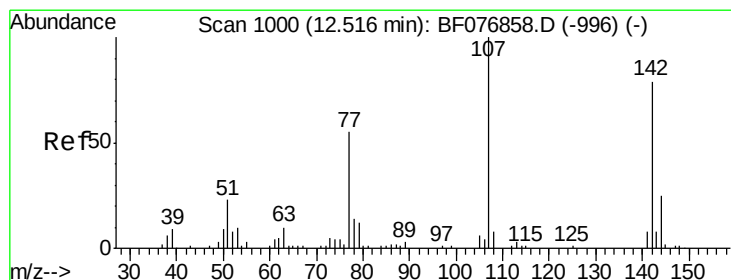
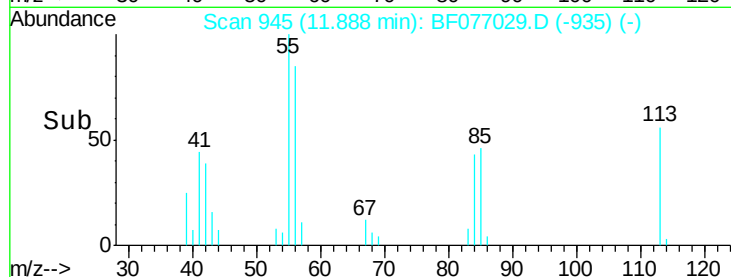
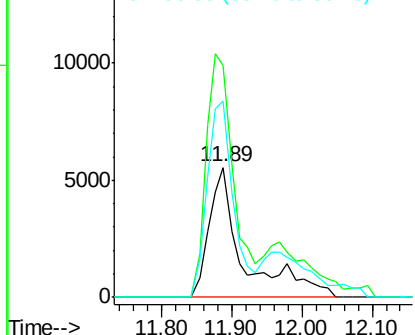
#35
 Caprolactam
 Concen: 46.98 ng/ml
 RT: 11.89 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion:113 Resp: 18628
 Ion Ratio Lower Upper
 113 100
 55 178.1 162.1 202.1
 56 150.5 133.7 173.7

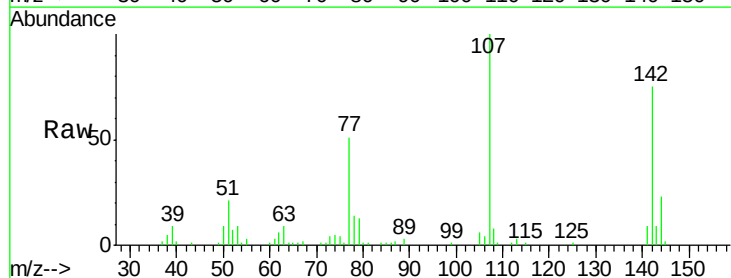


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

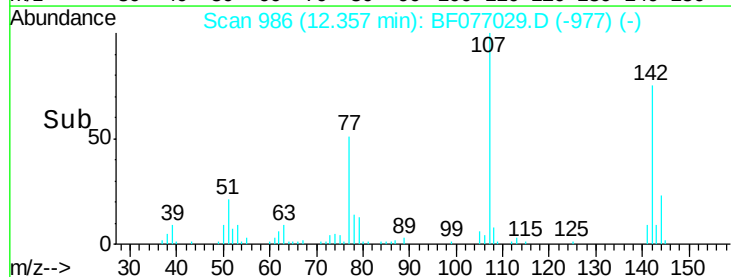
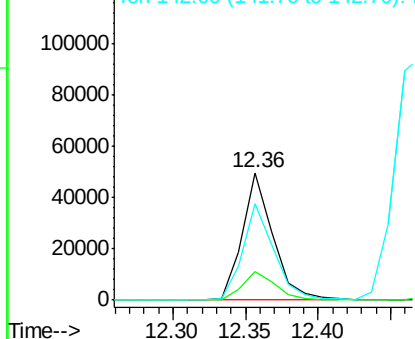


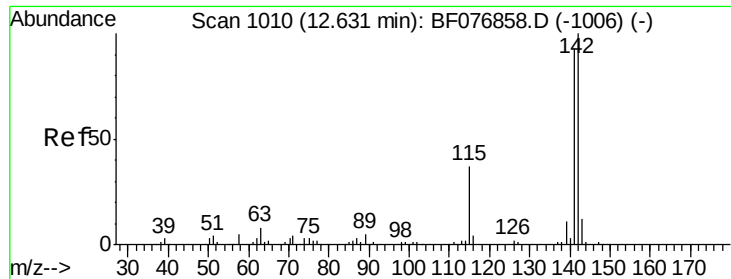
#36
 4-Chloro-3-methylphenol
 Concen: 47.57 ng
 RT: 12.36 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:107 Resp: 73347
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.0 30.0
 142 75.3 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

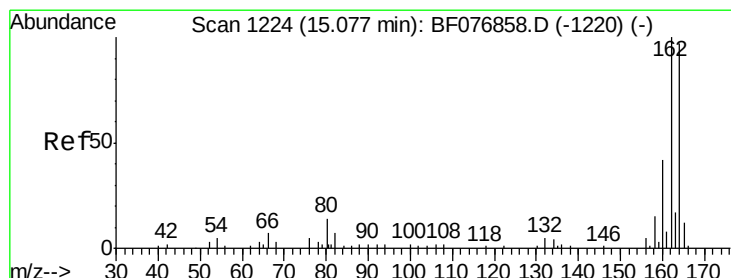
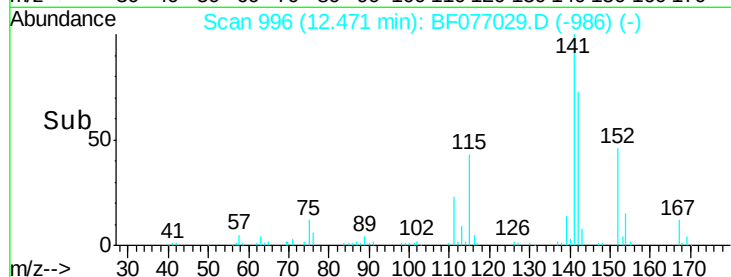
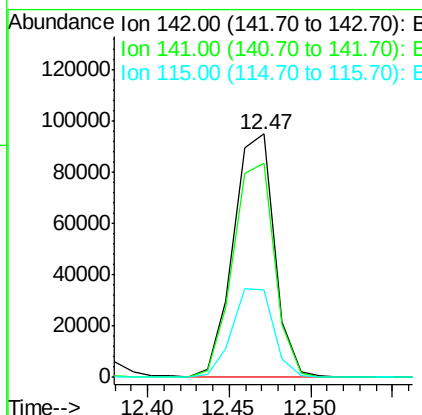
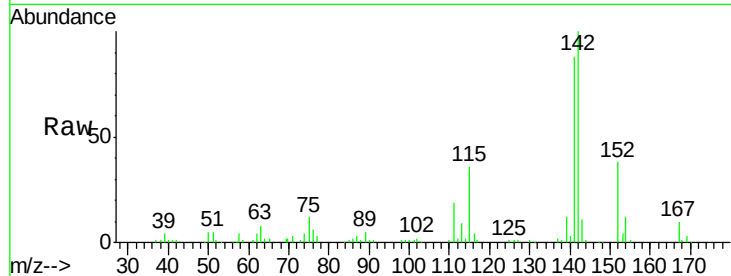




#37
2-Methylnaphthalene
Concen: 45.96 ng
RT: 12.47 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

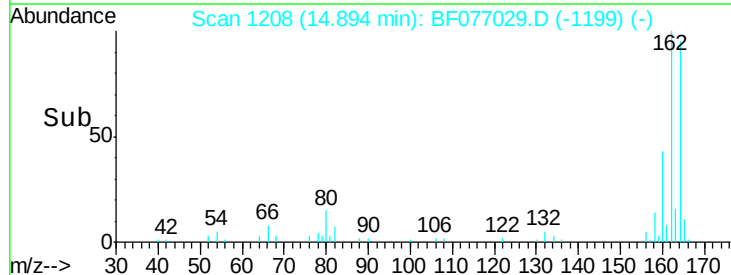
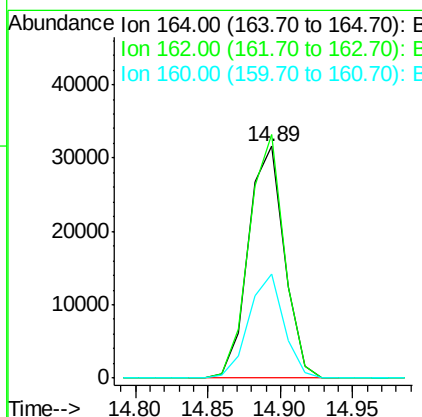
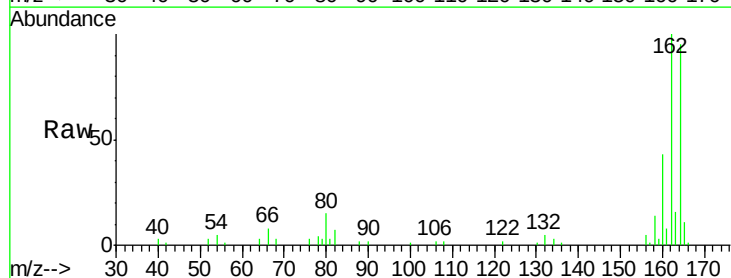
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

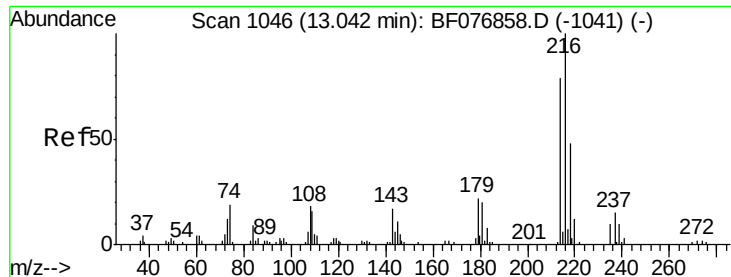
Tot Ion:142 Resp: 164217
Ion Ratio Lower Upper
142 100
141 88.0 74.5 111.7
115 36.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:164 Resp: 54190
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 44.6 34.8 52.2

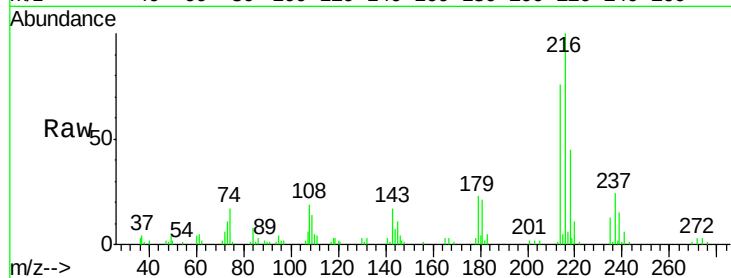




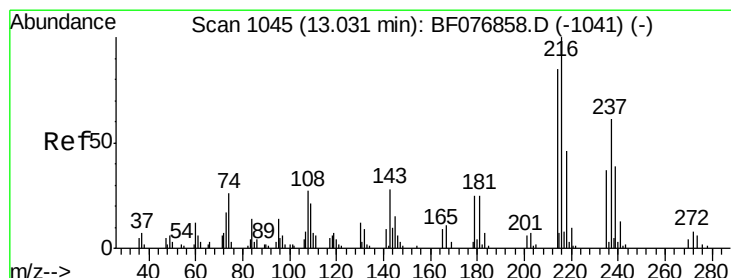
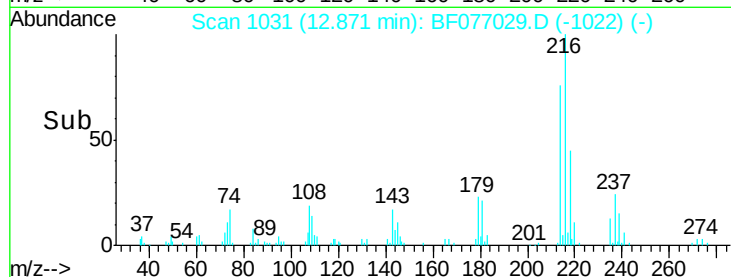
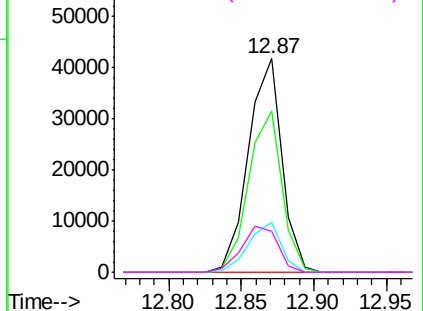
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.88 ng
 RT: 12.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion:216	Resp:	66830
Ion Ratio	Lower	Upper
216	100	
214	75.6	64.9 97.3
179	23.0	18.6 28.0
108	23.5	18.1 27.1

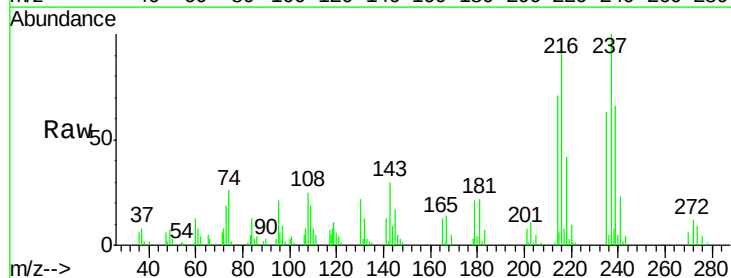


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

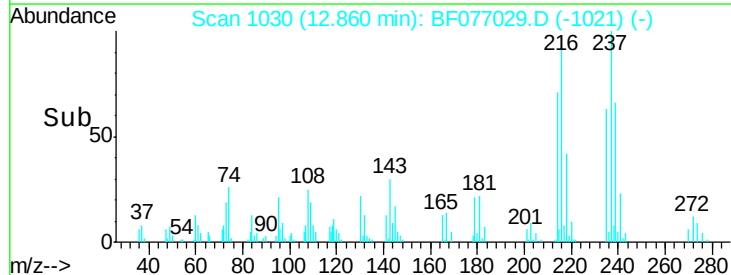
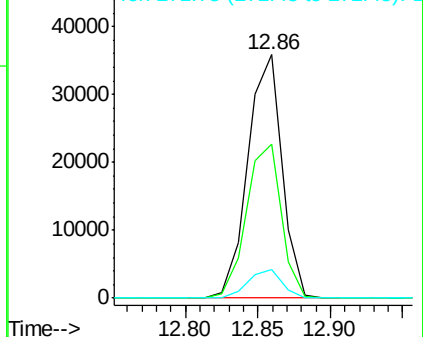


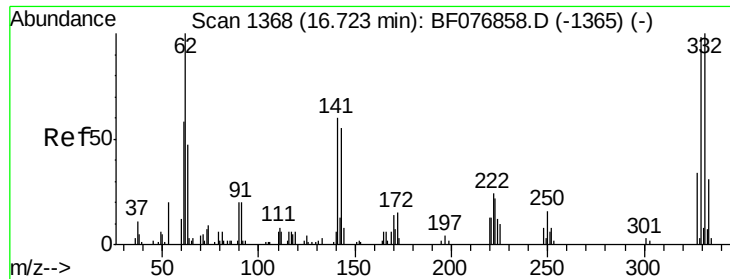
#40
 Hexachlorocyclopentadiene
 Concen: 81.31 ng
 RT: 12.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:237	Resp:	58698
Ion Ratio	Lower	Upper
237	100	
235	63.1	40.4 80.4
272	11.6	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

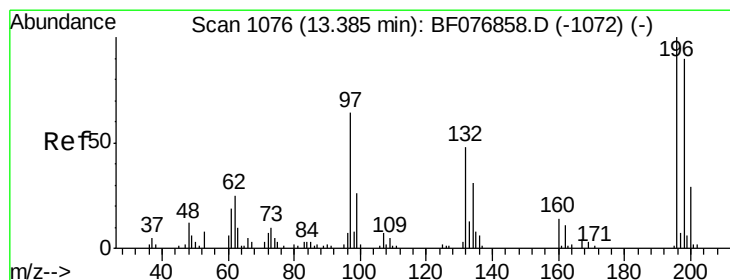
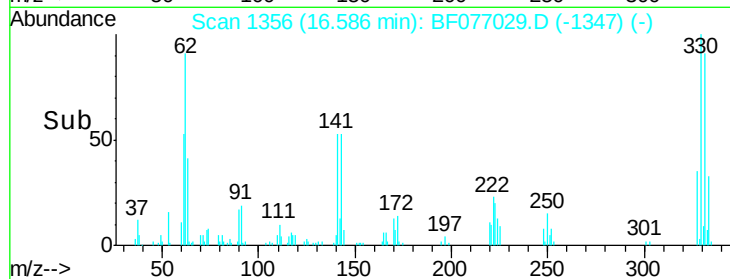
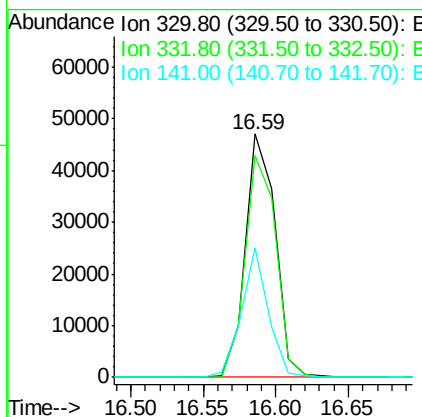
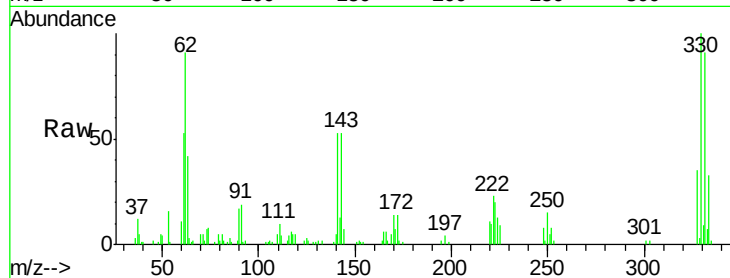




#41
 2,4,6-Tribromophenol
 Concen: 153.60 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

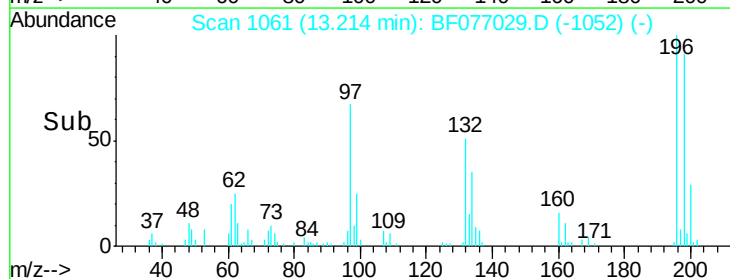
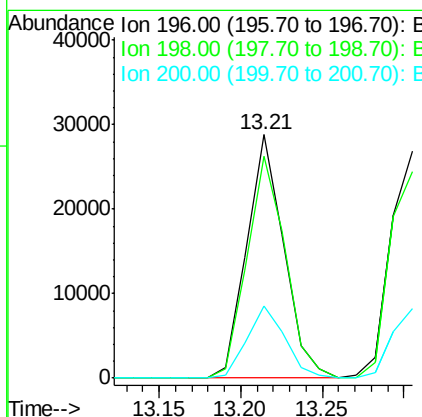
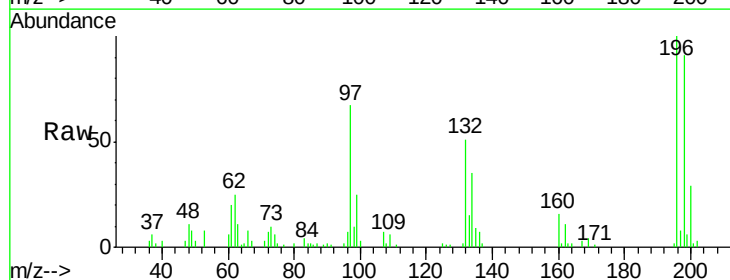
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

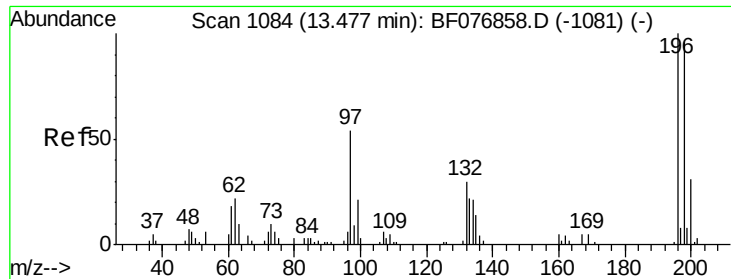
Tot Ion:330 Resp: 67564
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.8 116.6
 141 47.5 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 46.61 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:196 Resp: 45495
 Ion Ratio Lower Upper
 196 100
 198 91.1 72.0 108.0
 200 29.4 23.4 35.2

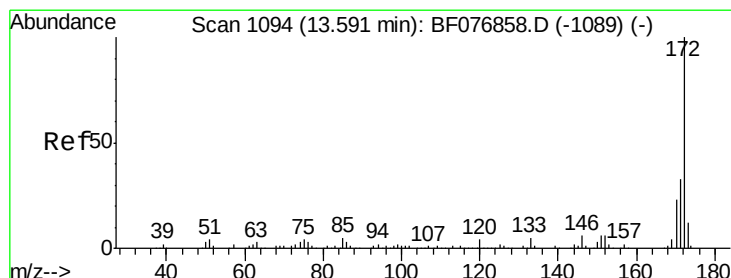
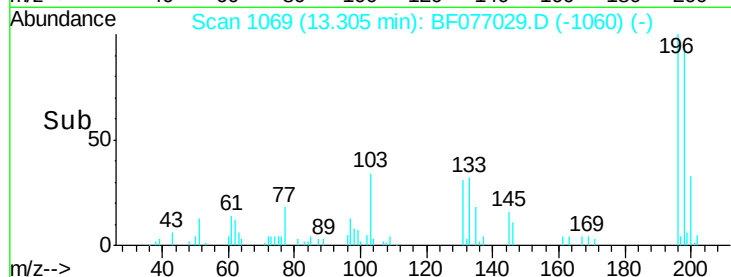
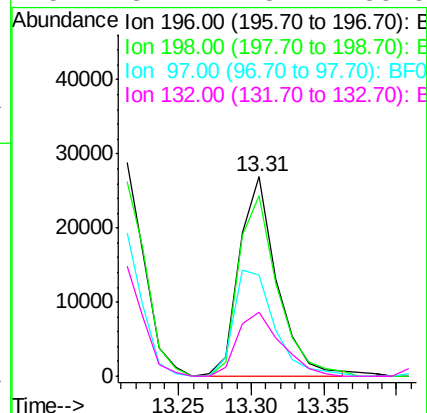
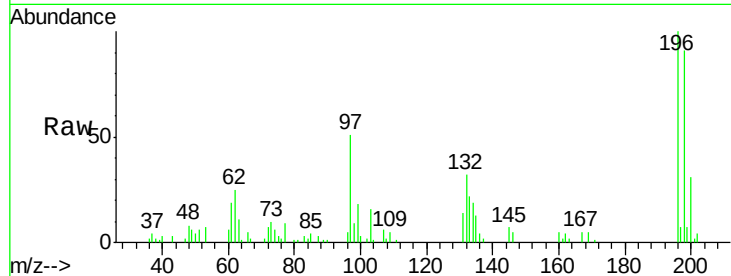




#43
 2,4,5-Trichlorophenol
 Concen: 48.76 ng
 RT: 13.31 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

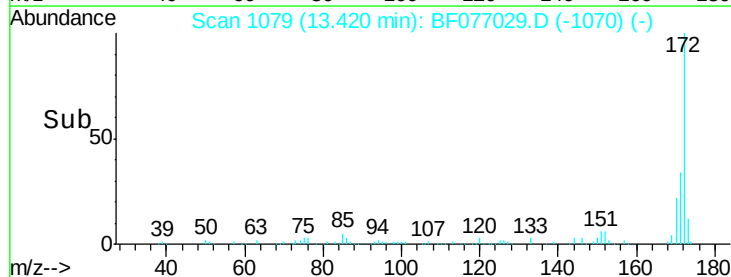
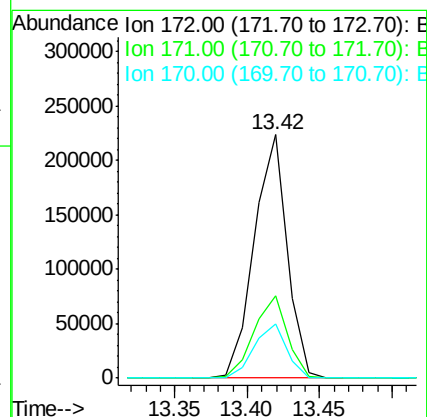
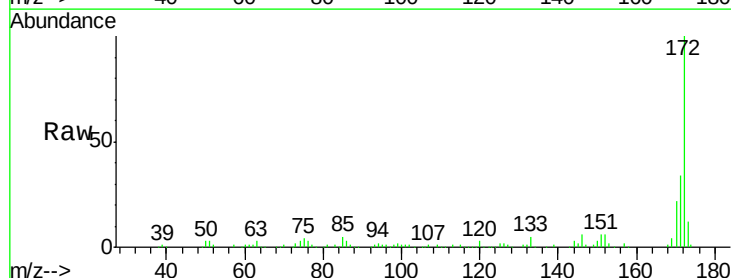
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

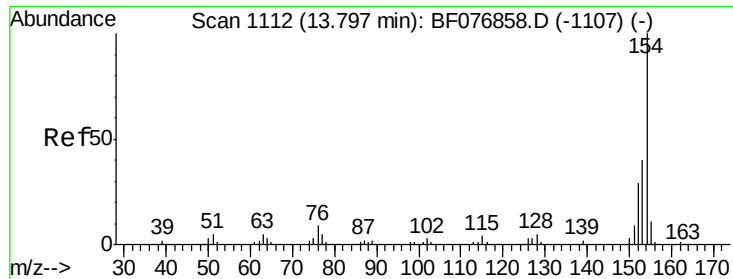
Tot Ion:196 Resp: 48541
 Ion Ratio Lower Upper
 196 100
 198 90.8 76.6 115.0
 97 51.0 43.4 65.0
 132 32.1 23.7 35.5



#44
 2-Fluorobiphenyl
 Concen: 98.94 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:172 Resp: 352309
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.6 40.0
 170 22.3 18.0 27.0

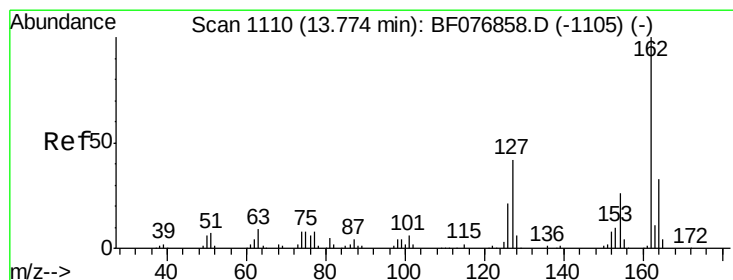
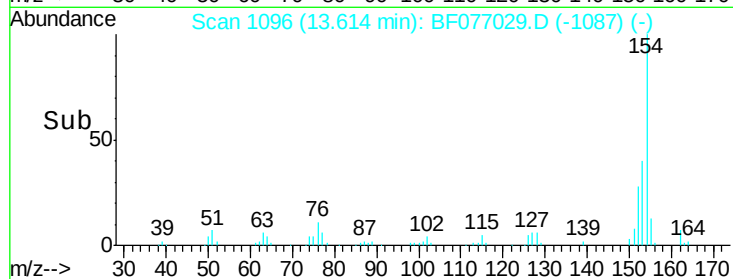
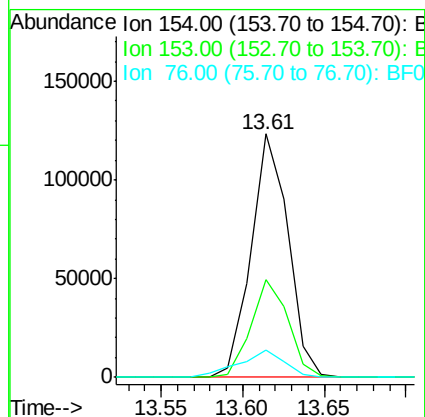
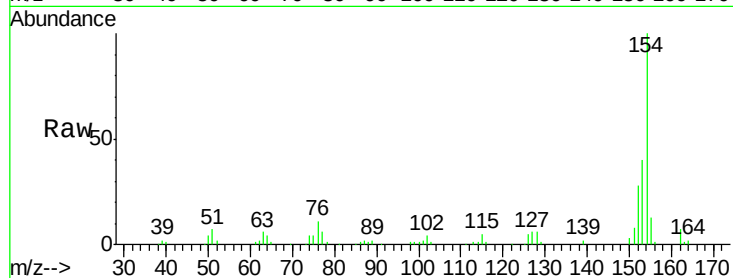




#45
 1,1'-Biphenyl
 Concen: 48.42 ng
 RT: 13.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

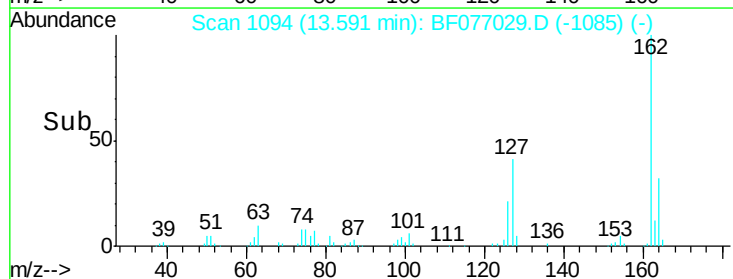
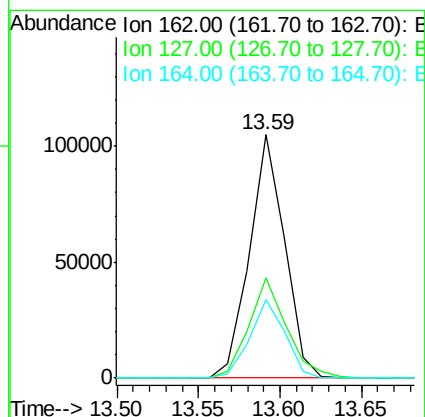
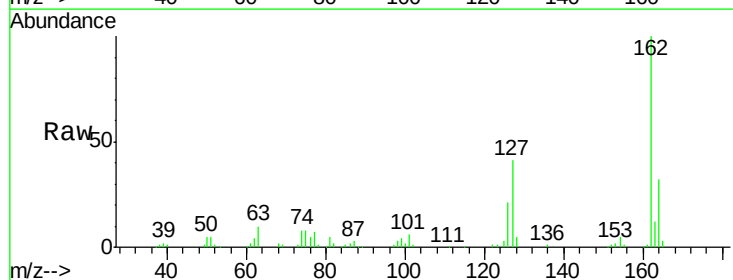
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

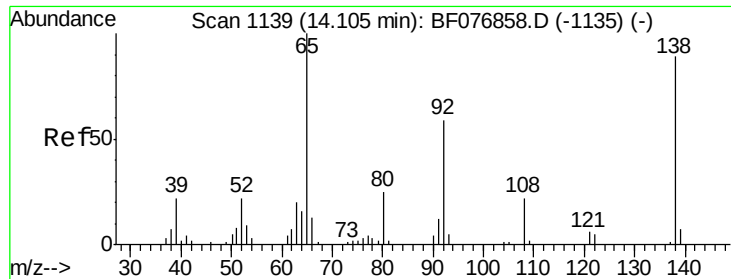
Tot Ion:154	Resp:	194507
Ion Ratio	Lower	Upper
154	100	
153	39.9	20.2 60.2
76	11.4	0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 47.32 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:162	Resp:	156421
Ion Ratio	Lower	Upper
162	100	
127	41.1	33.8 50.6
164	32.4	26.8 40.2

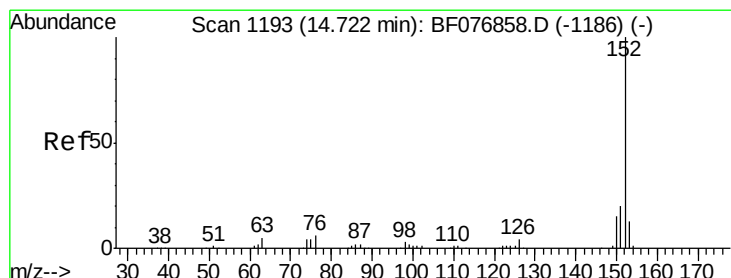
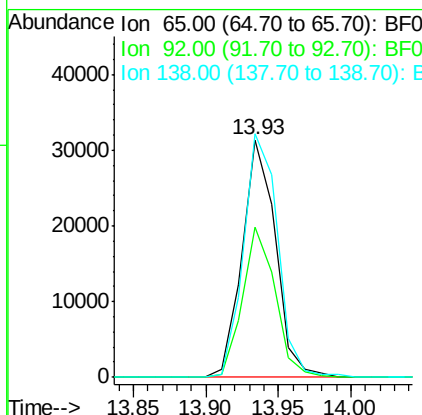
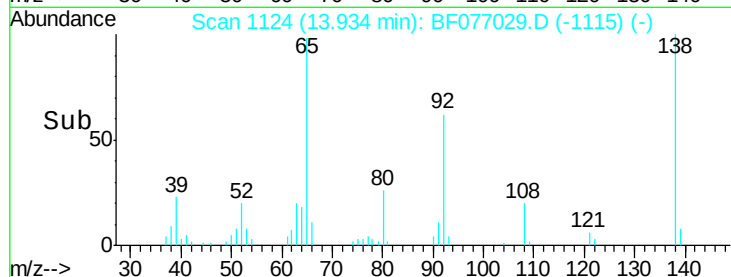
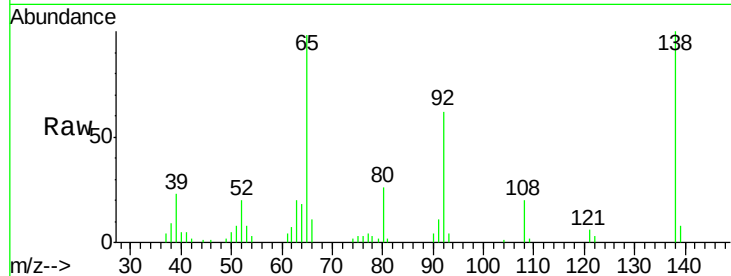




#47
 2-Nitroaniline
 Concen: 50.06 ng
 RT: 13.93 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

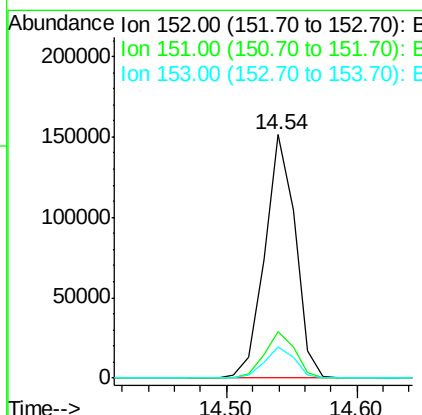
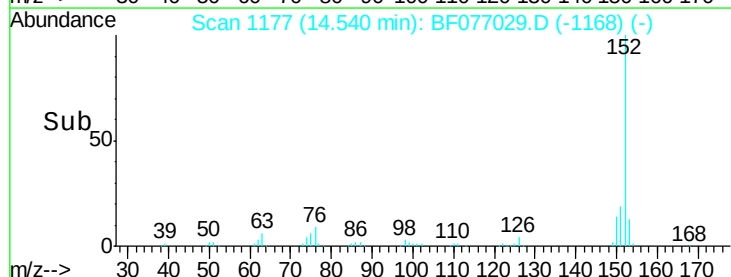
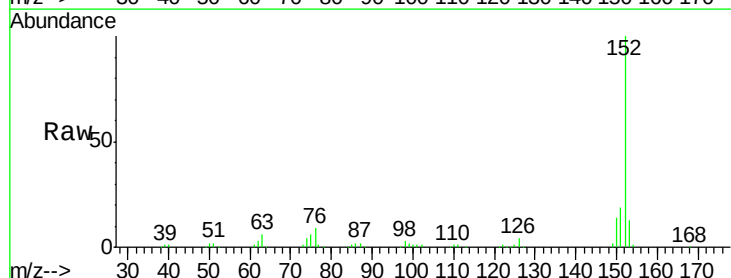
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

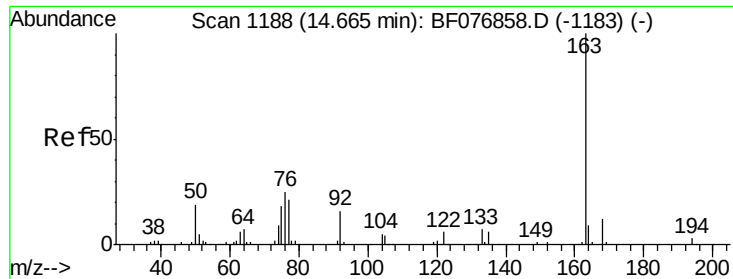
Tot Ion: 65 Resp: 50204
 Ion Ratio Lower Upper
 65 100
 92 63.4 47.3 70.9
 138 102.5 71.4 107.2



#48
 Acenaphthylene
 Concen: 44.70 ng
 RT: 14.54 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion: 152 Resp: 249272
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.9 23.9
 153 12.8 10.2 15.4

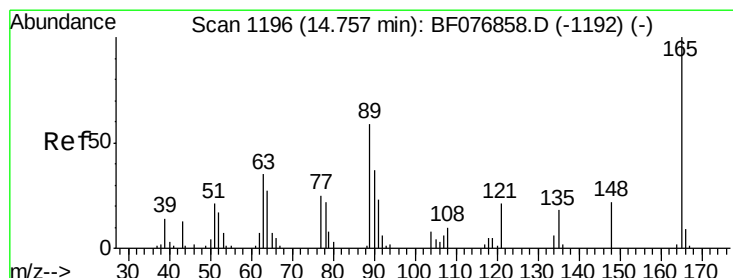
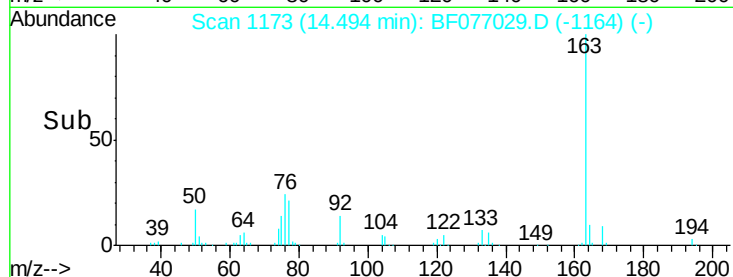
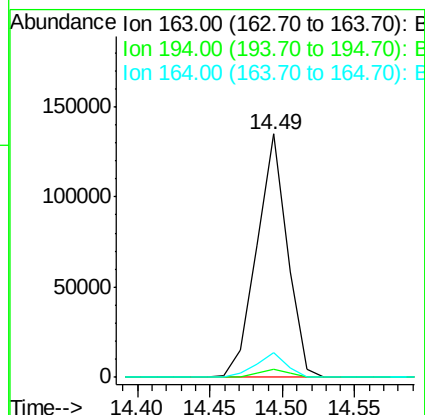
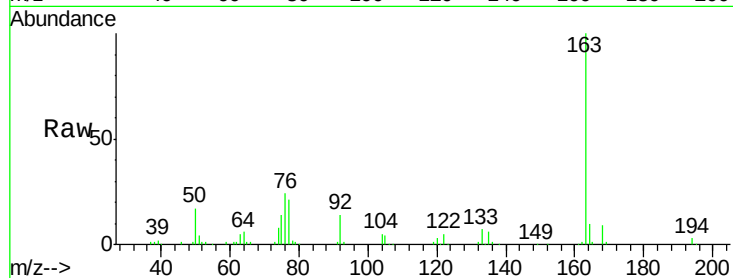




#49
Dimethylphthalate
Concen: 51.45 ng
RT: 14.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

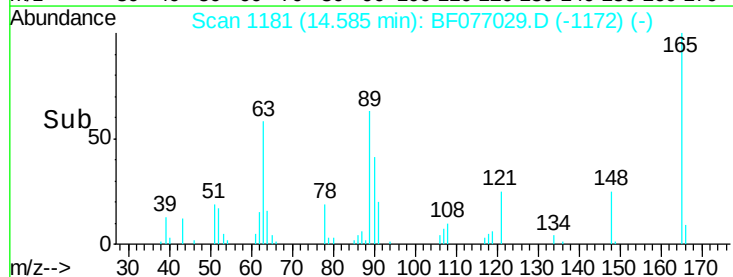
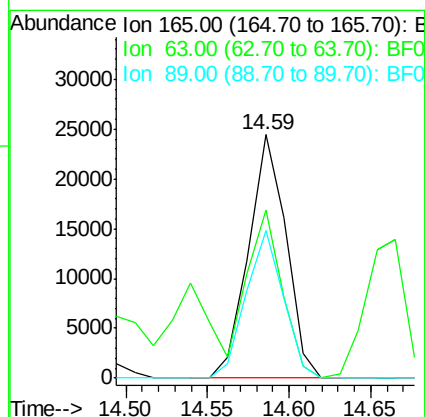
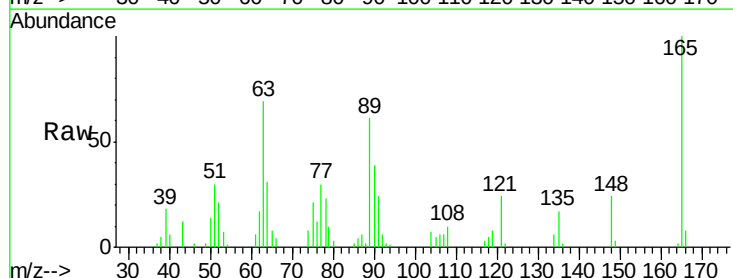
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

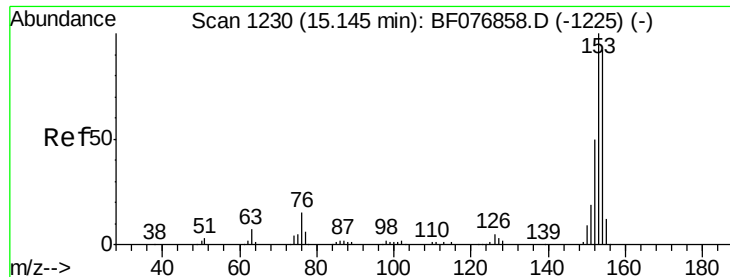
Tot Ion:163 Resp: 197719
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 50.79 ng
RT: 14.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:165 Resp: 38995
Ion Ratio Lower Upper
165 100
63 69.2 48.1 72.1
89 60.6 47.2 70.8





#51

Acenaphthene

Concen: 45.46 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

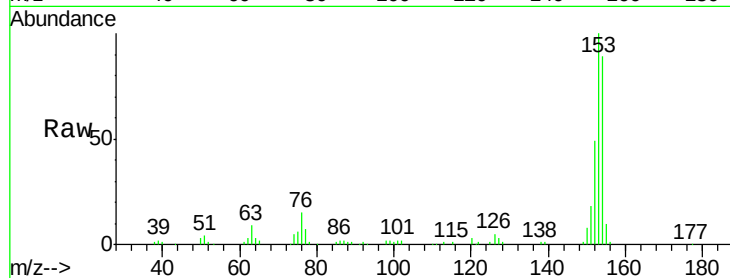
Tot Ion:154 Resp: 143822

Ion Ratio Lower Upper

154 100

153 112.7 87.0 130.6

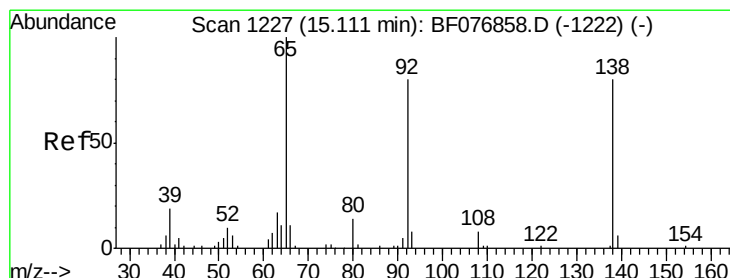
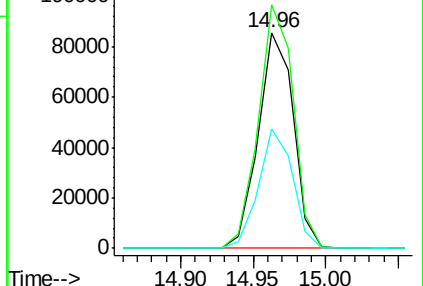
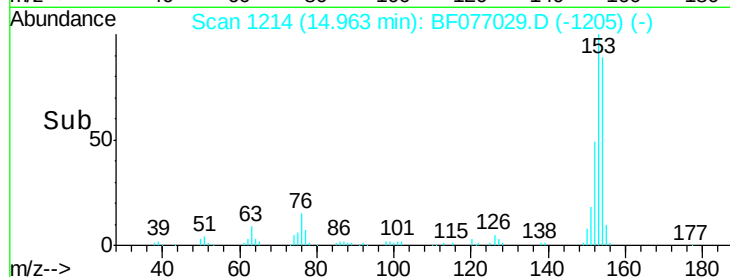
152 55.5 43.5 65.3



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: 35.98 ng

RT: 14.93 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

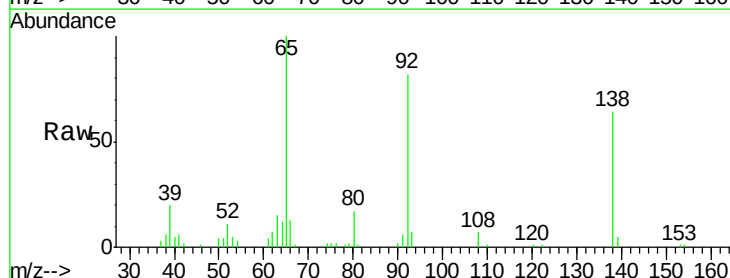
Tgt Ion:138 Resp: 35599

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

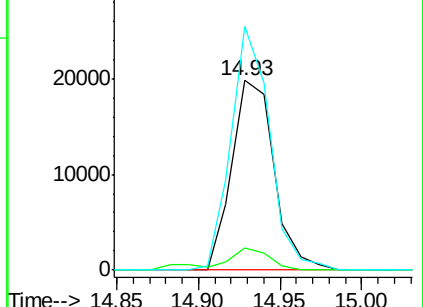
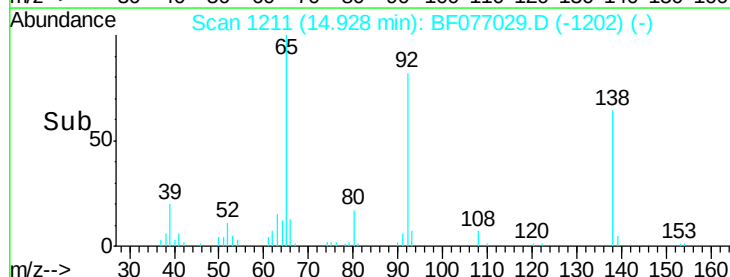
92 128.3 80.9 121.3#

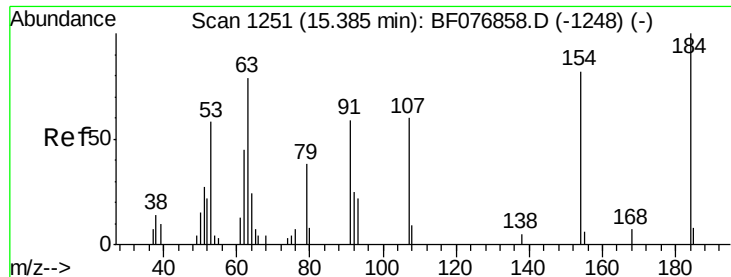


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

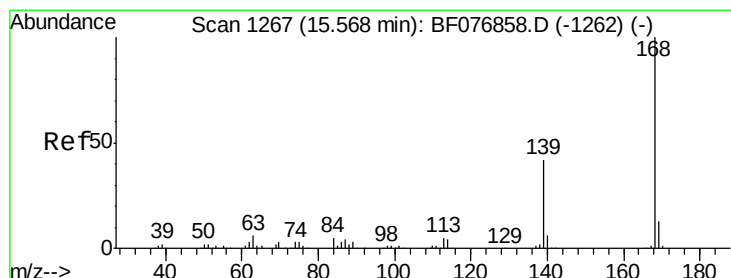
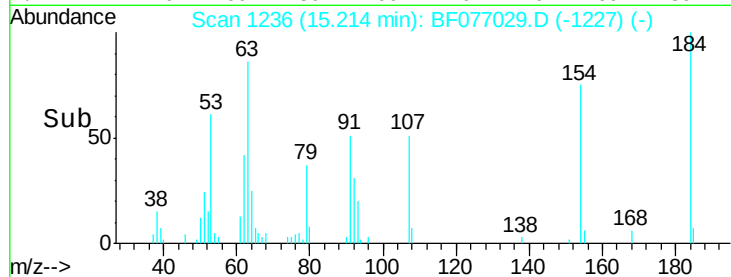
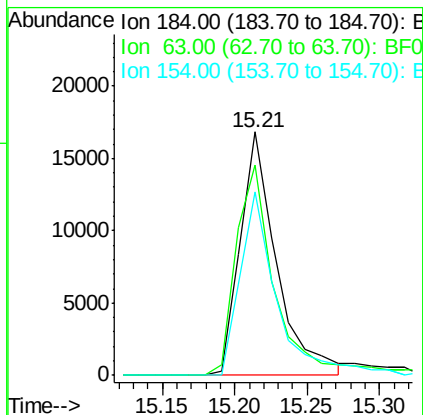
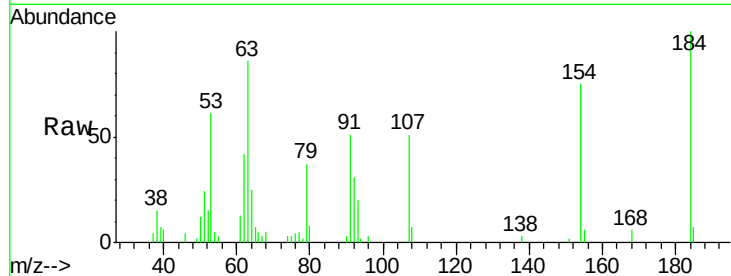




#53
 2,4-Dinitrophenol
 Concen: 81.00 ng
 RT: 15.21 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

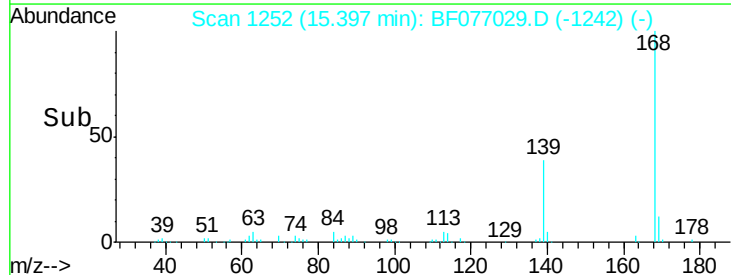
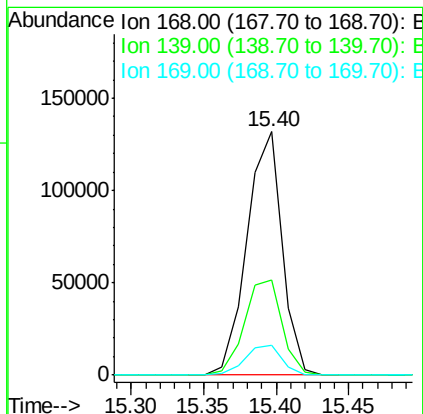
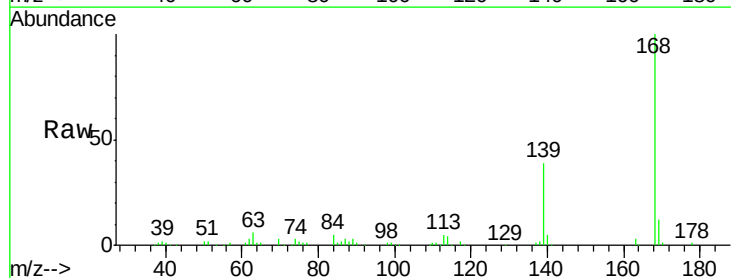
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

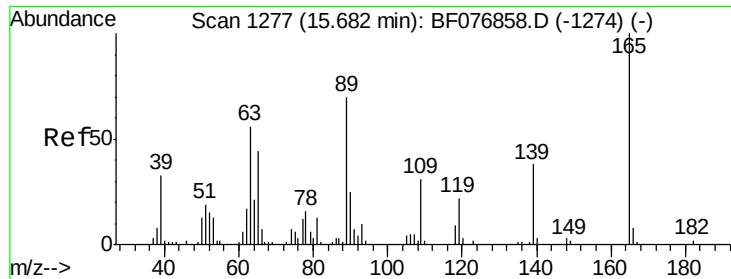
Tot Ion:184 Resp: 29246
 Ion Ratio Lower Upper
 184 100
 63 86.4 63.0 94.6
 154 75.3 65.5 98.3



#54
 Dibenzofuran
 Concen: 47.96 ng
 RT: 15.40 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:168 Resp: 221022
 Ion Ratio Lower Upper
 168 100
 139 39.1 33.4 50.2
 169 12.3 10.6 15.8

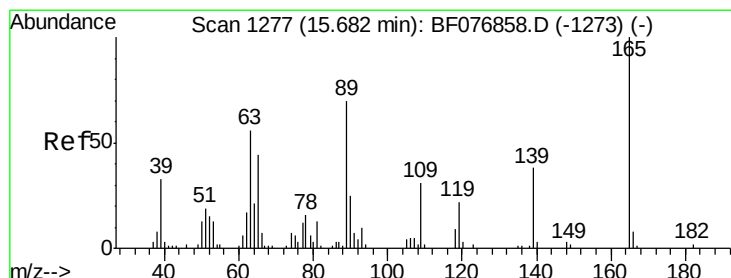
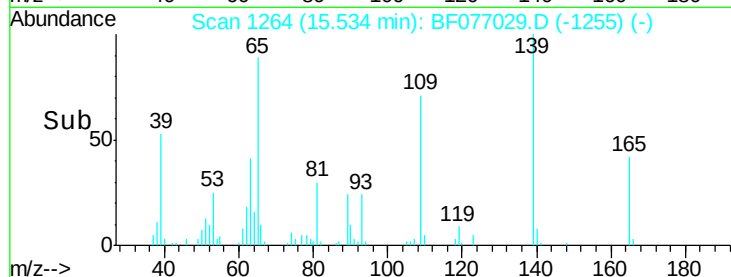
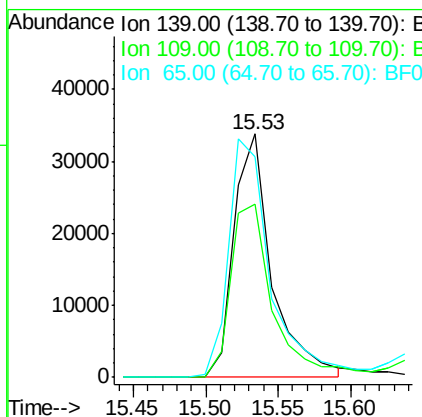
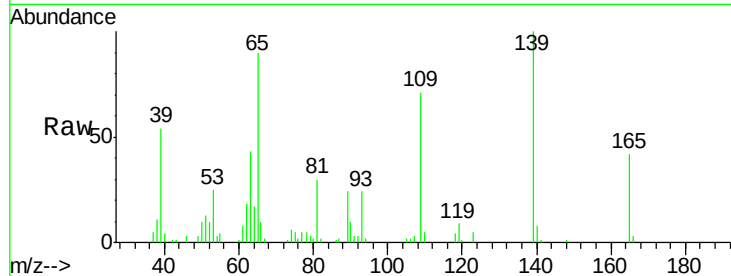




#55
4-Nitrophenol
Concen: 102.44 ng
RT: 15.53 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

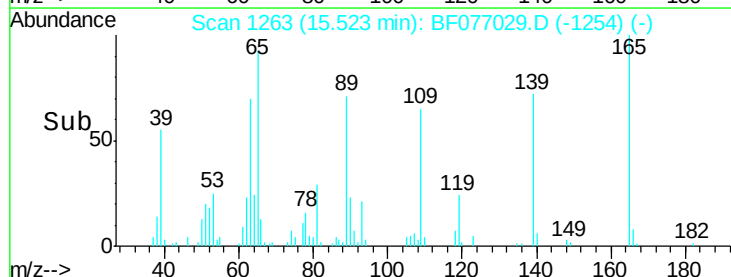
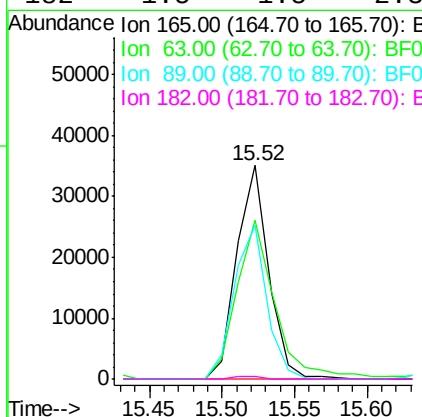
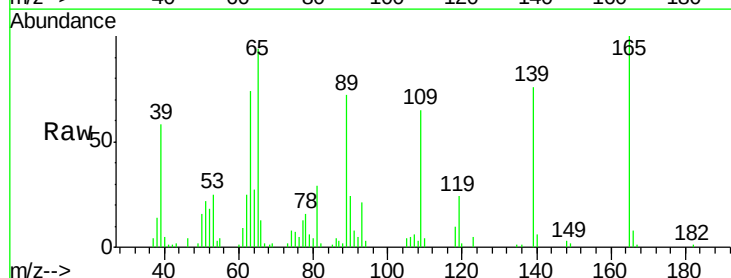
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

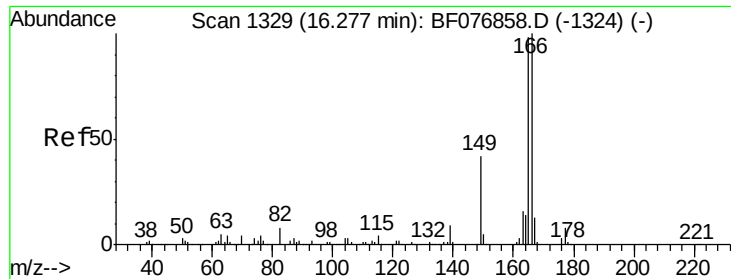
Tot Ion:139 Resp: 61709
Ion Ratio Lower Upper
139 100
109 71.2 61.0 101.0
65 90.4 96.6 136.6#



#56
2,4-Dinitrotoluene
Concen: 46.68 ng
RT: 15.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:165 Resp: 53666
Ion Ratio Lower Upper
165 100
63 74.2 44.8 67.2#
89 71.9 56.2 84.2
182 1.5 1.5 2.3#

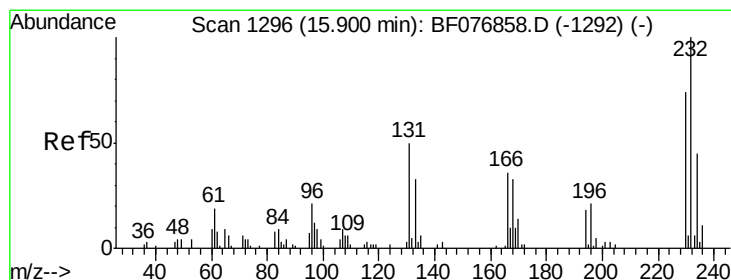
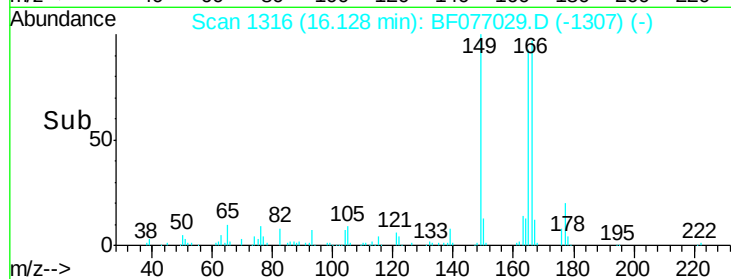
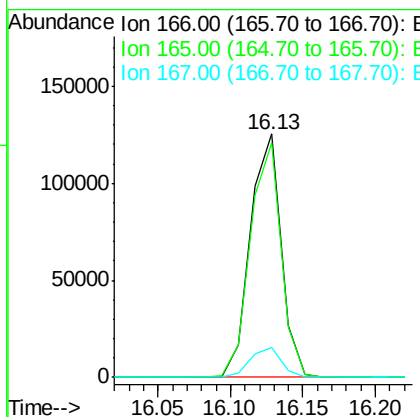
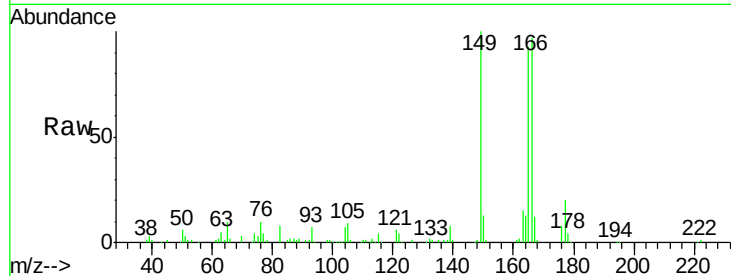




#57
 Fluorene
 Concen: 47.27 ng
 RT: 16.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

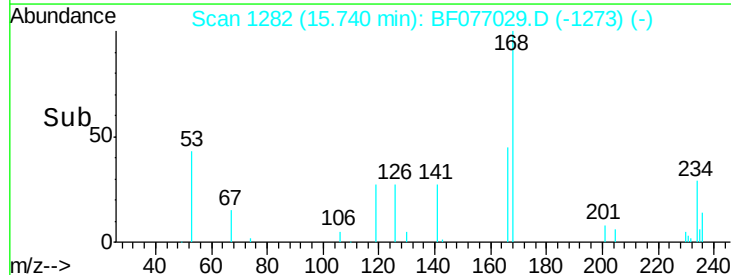
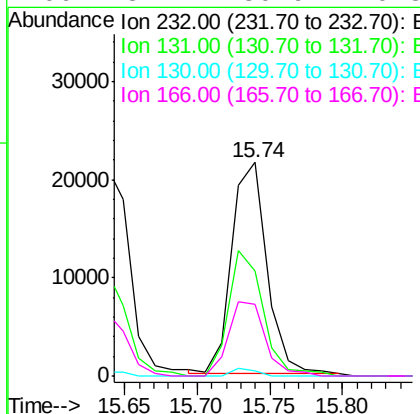
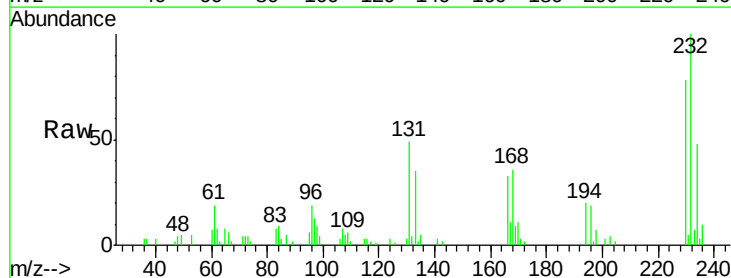
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

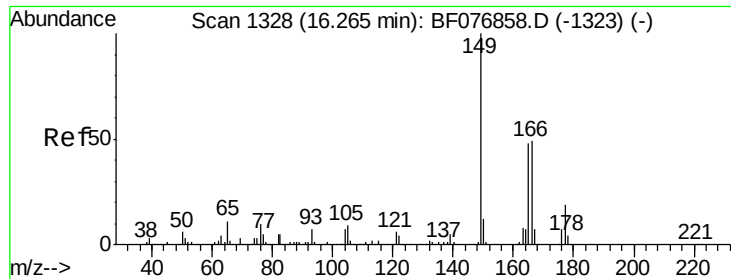
Tot Ion:166 Resp: 184566
 Ion Ratio Lower Upper
 166 100
 165 96.3 78.5 117.7
 167 12.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.36 ng
 RT: 15.74 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:232 Resp: 35782
 Ion Ratio Lower Upper
 232 100
 131 59.6 45.0 67.6
 130 2.6 2.6 3.8
 166 37.4 30.9 46.3

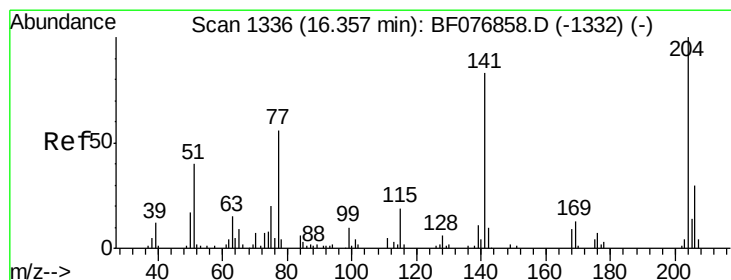
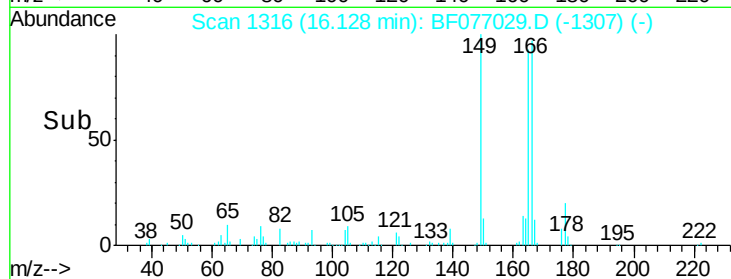
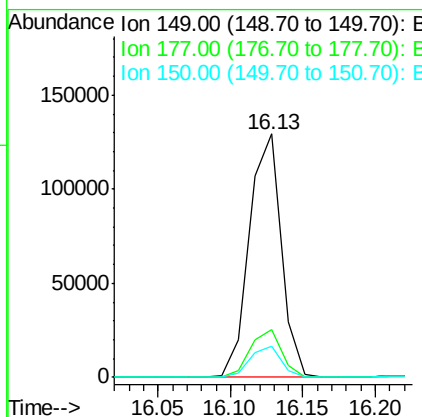
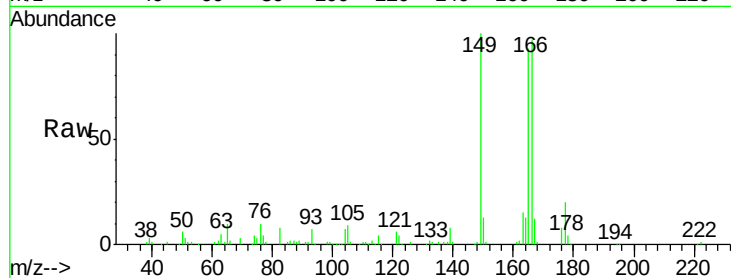




#59
Diethylphthalate
Concen: 50.88 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

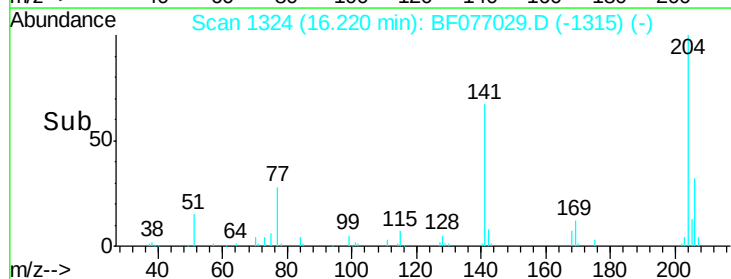
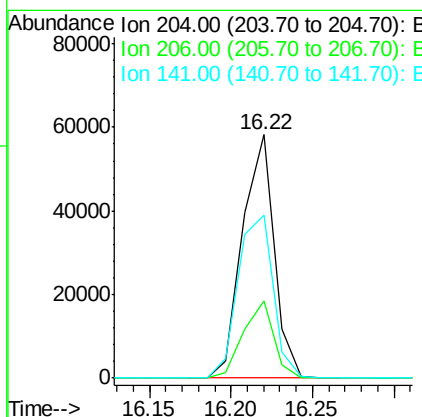
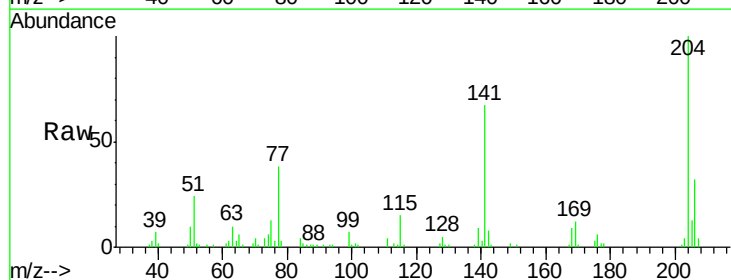
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

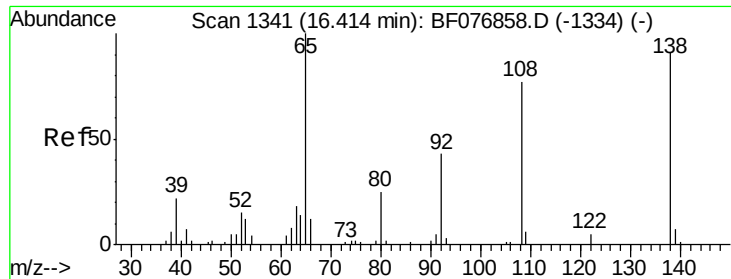
Tot Ion:149 Resp: 197607
Ion Ratio Lower Upper
149 100
177 19.9 15.0 22.6
150 12.7 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 48.94 ng
RT: 16.22 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:204 Resp: 78188
Ion Ratio Lower Upper
204 100
206 31.7 24.2 36.2
141 66.7 66.7 100.1#

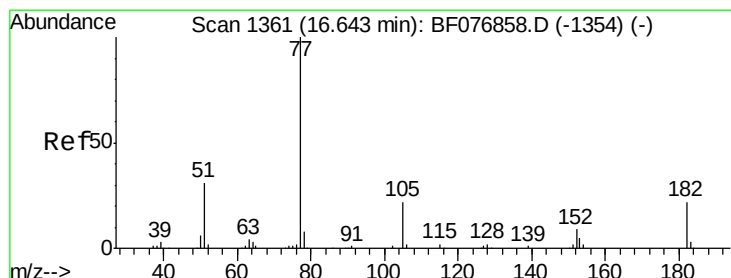
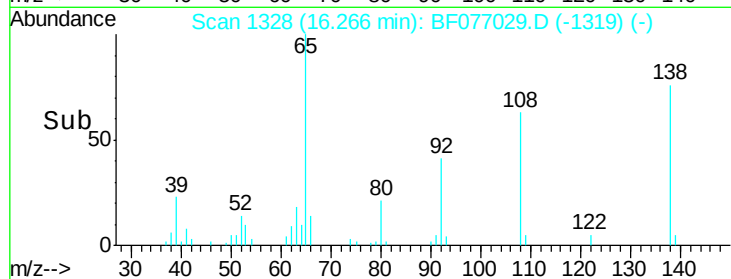
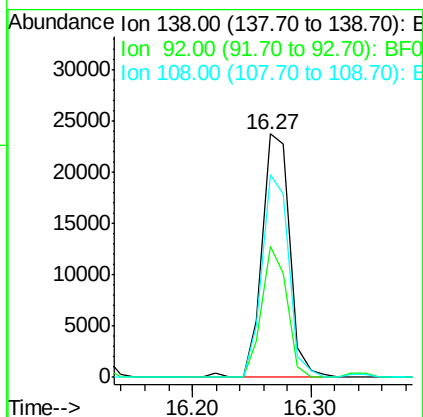
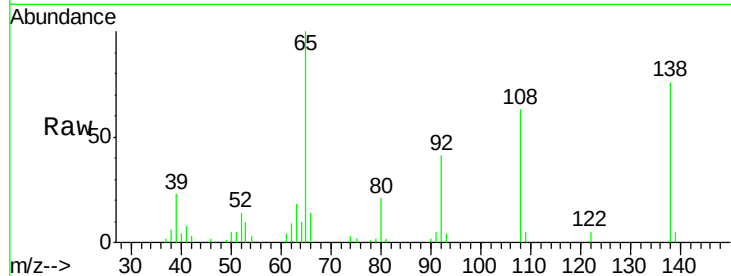




#61
4-Nitroaniline
Concen: 40.18 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

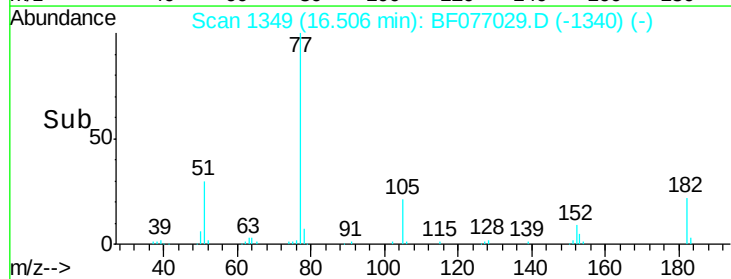
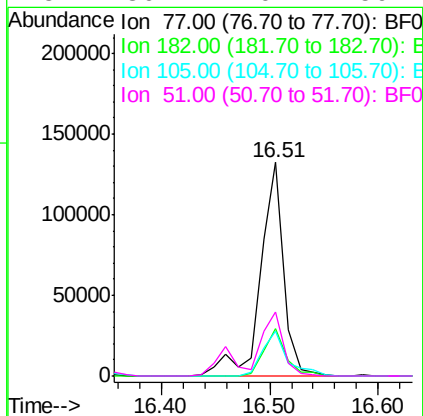
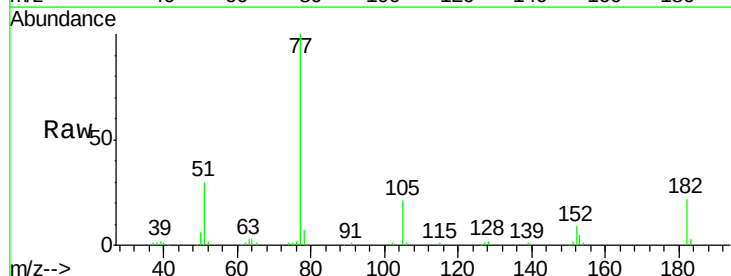
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

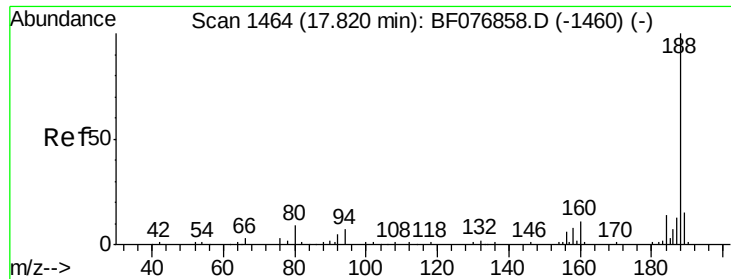
Tot Ion:138 Resp: 38652
Ion Ratio Lower Upper
138 100
92 54.0 26.7 66.7
108 83.1 64.5 104.5



#62
Azobenzene
Concen: 49.12 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion: 77 Resp: 198797
Ion Ratio Lower Upper
77 100
182 22.1 2.0 42.0
105 21.1 2.3 42.3
51 30.1 10.7 50.7

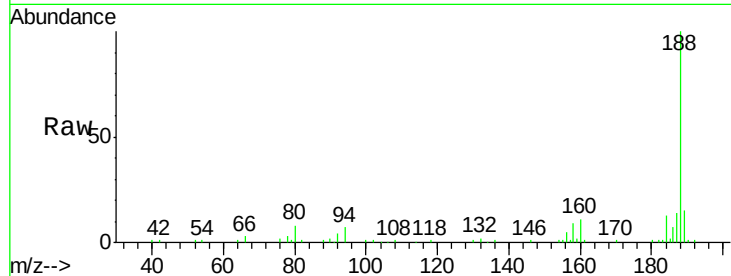




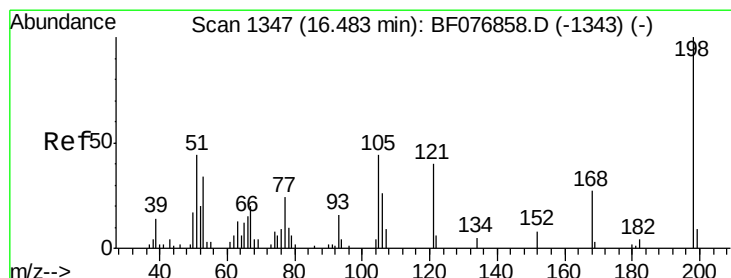
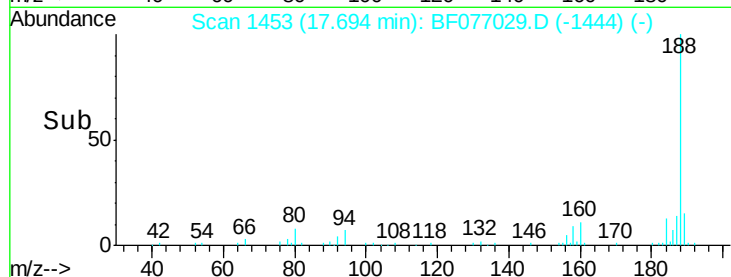
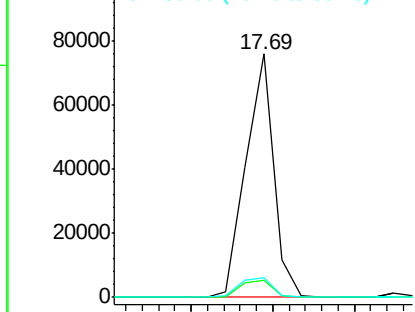
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

Tot Ion:188 Resp: 89473
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 8.0 6.9 10.3

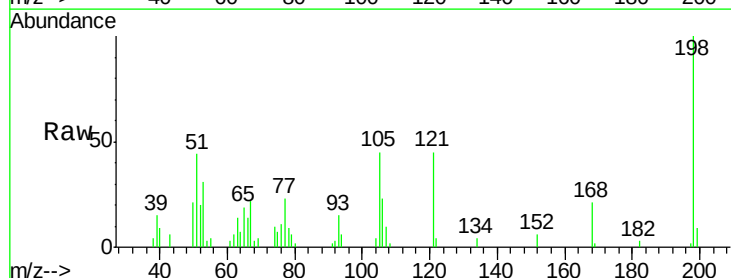


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

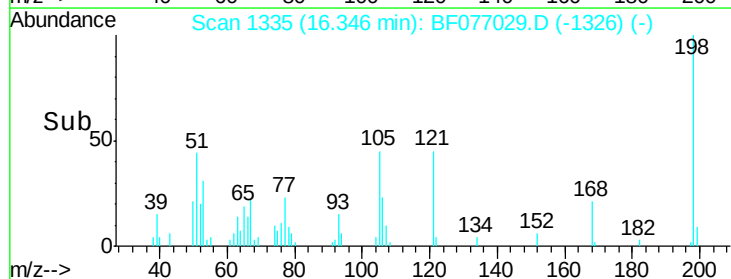
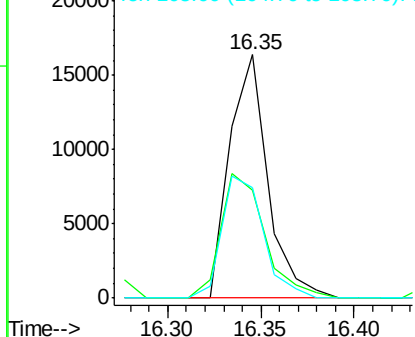


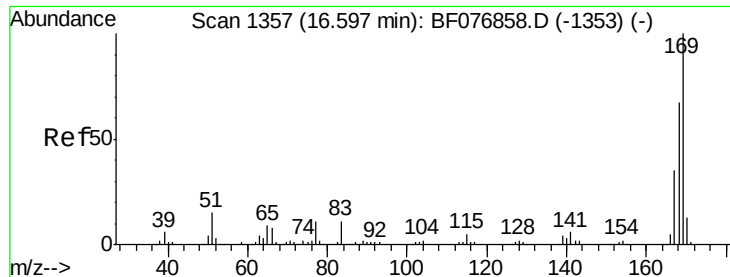
#64
4,6-Dinitro-2-methylphenol
Concen: 41.25 ng
RT: 16.35 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:198 Resp: 23432
Ion Ratio Lower Upper
198 100
51 44.2 24.2 64.2
105 45.3 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

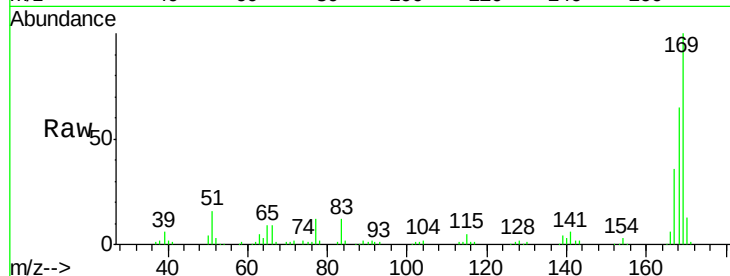




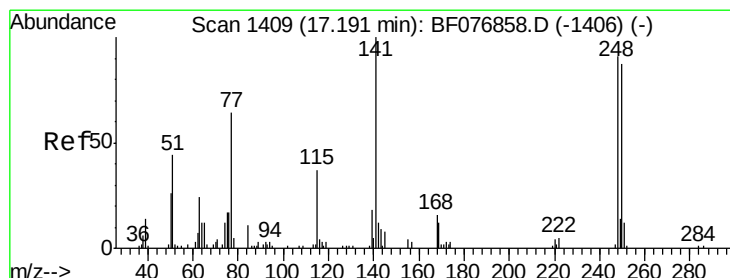
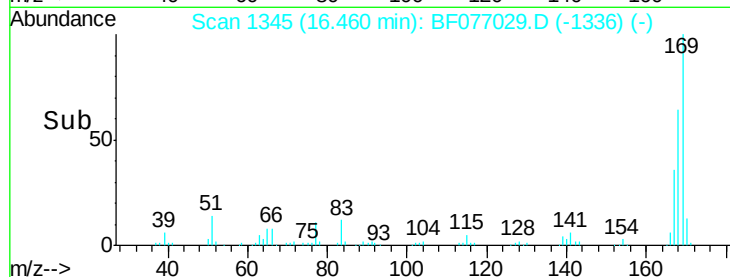
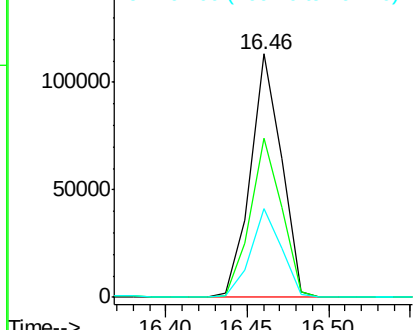
#65
 n-Nitrosodiphenylamine
 Concen: 46.95 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.6
167	36.3	27.8	41.6

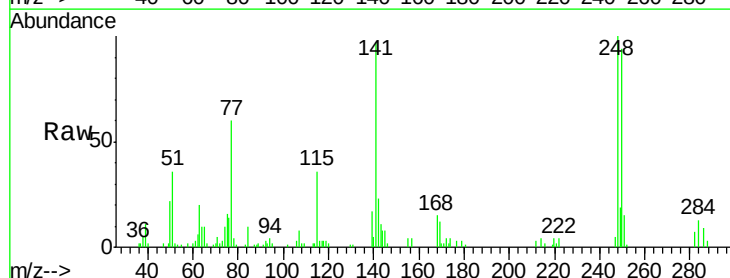


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

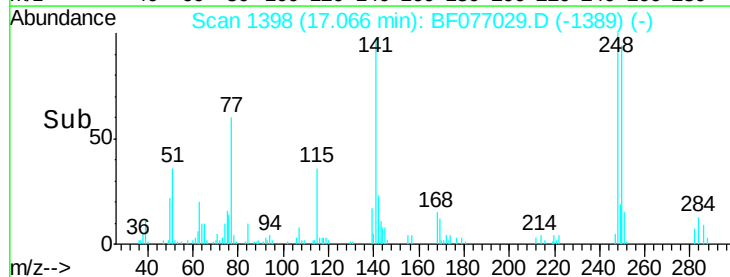
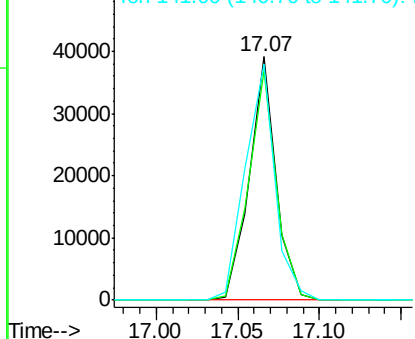


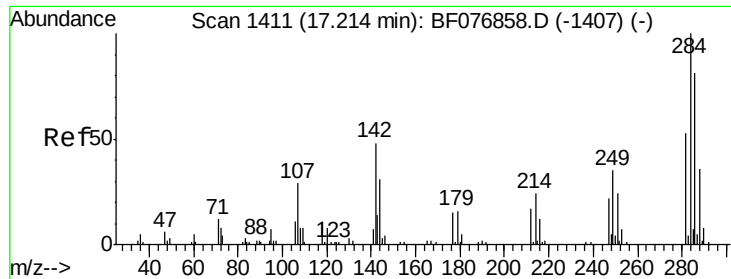
#66
 4-Bromophenyl-phenylether
 Concen: 49.07 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.1	115.7
141	96.7	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: 48.24 ng

RT: 17.08 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

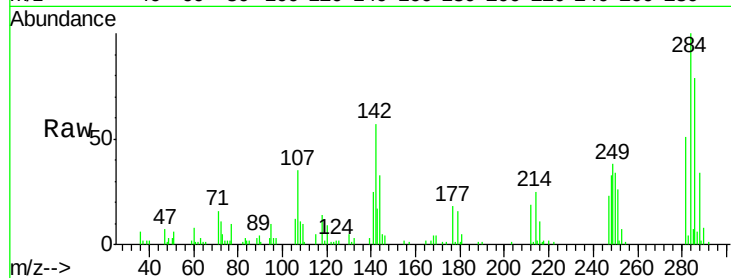
Tot Ion:284 Resp: 46079

Ion Ratio Lower Upper

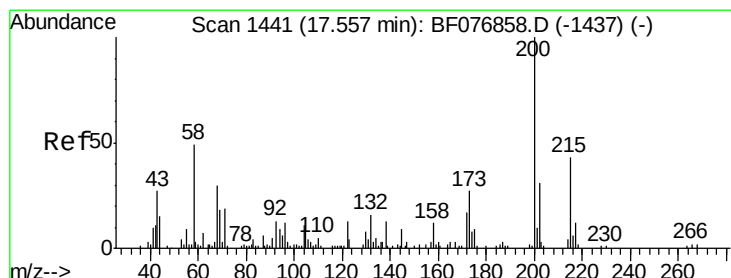
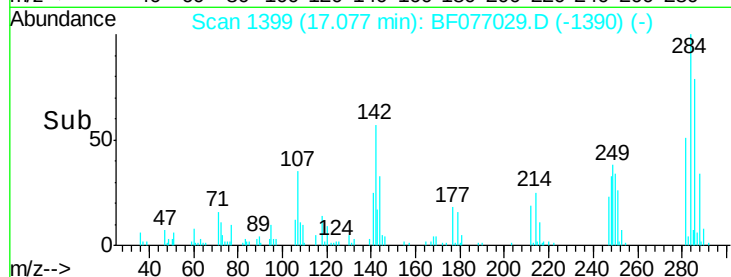
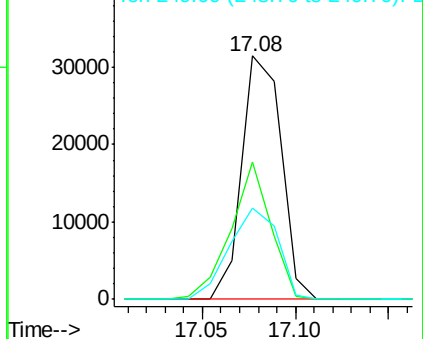
284 100

142 56.7 38.2 57.4

249 37.6 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: 54.89 ng

RT: 17.44 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

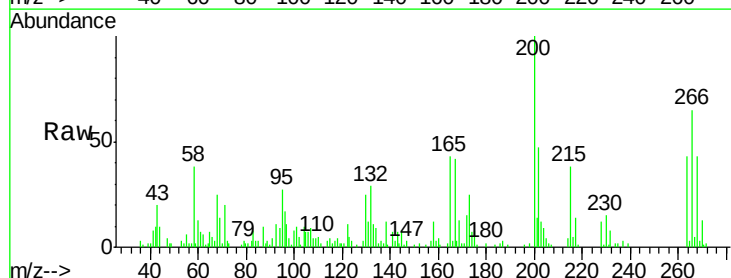
Tgt Ion:200 Resp: 53142

Ion Ratio Lower Upper

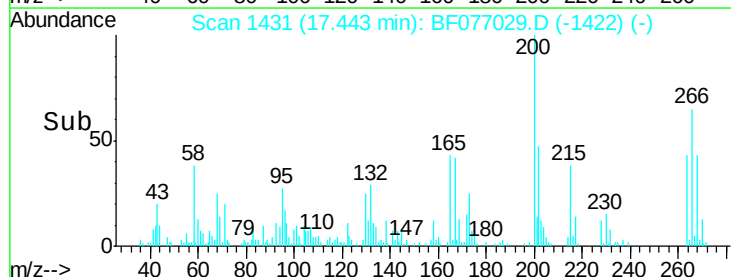
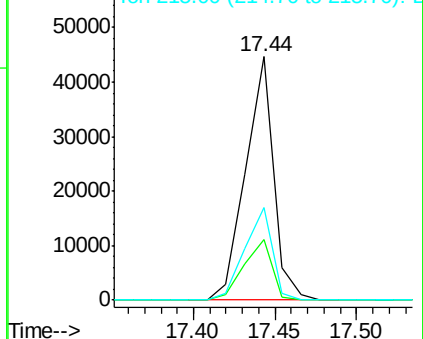
200 100

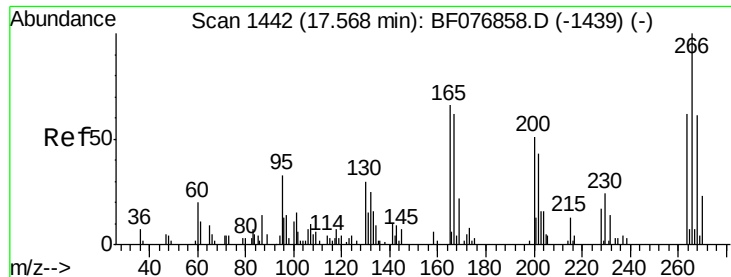
173 25.1 6.6 46.6

215 38.2 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

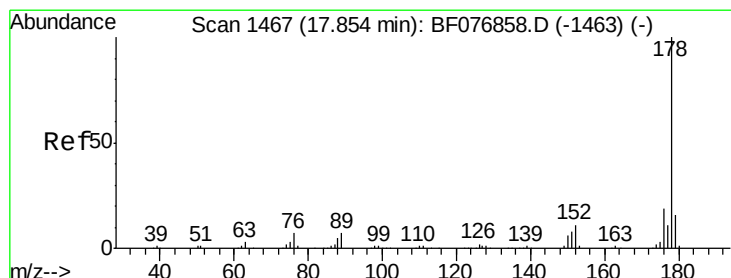
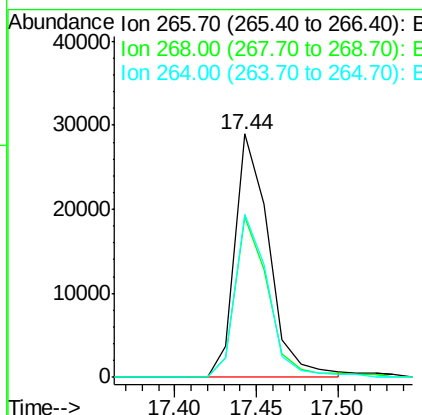
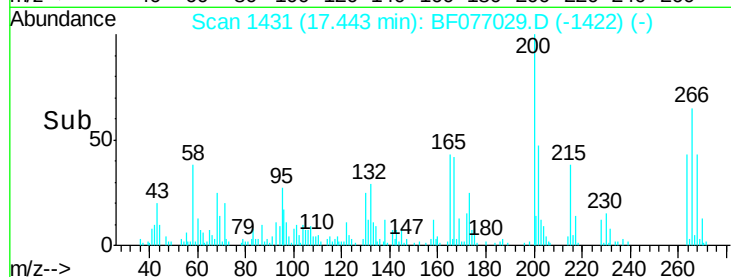
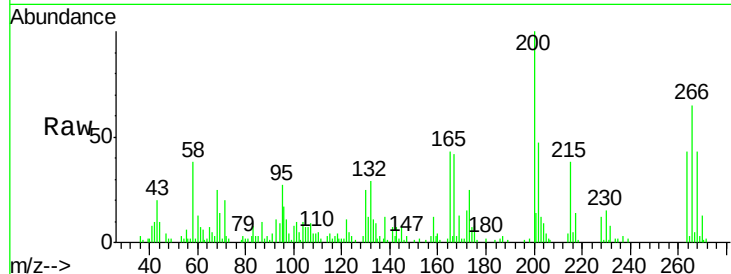




#69
 Pentachlorophenol
 Concen: 94.09 ng
 RT: 17.44 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

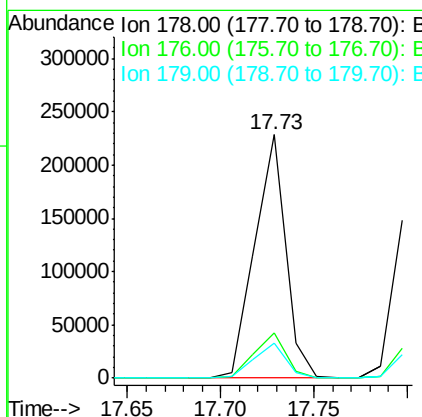
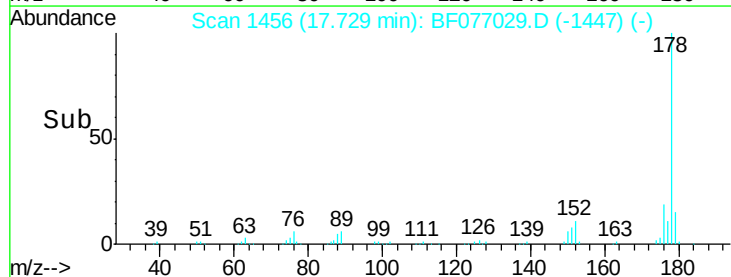
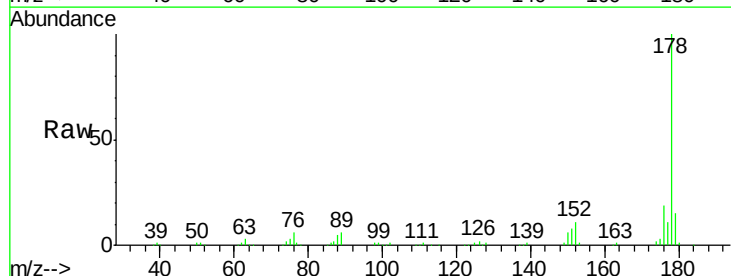
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

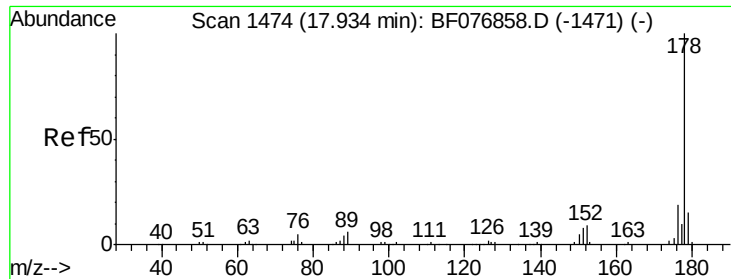
Tot Ion:266 Resp: 41813
 Ion Ratio Lower Upper
 266 100
 268 65.9 48.6 72.8
 264 66.9 49.5 74.3



#70
 Phenanthrene
 Concen: 46.93 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:178 Resp: 261861
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 14.5 12.7 19.1

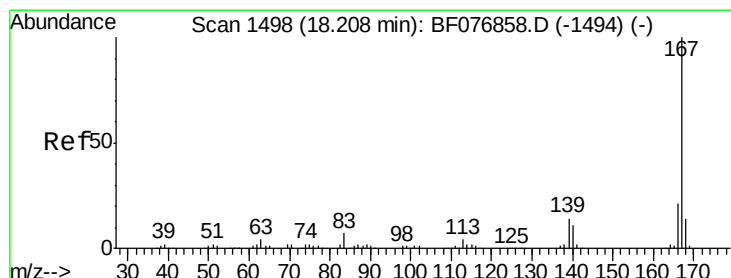
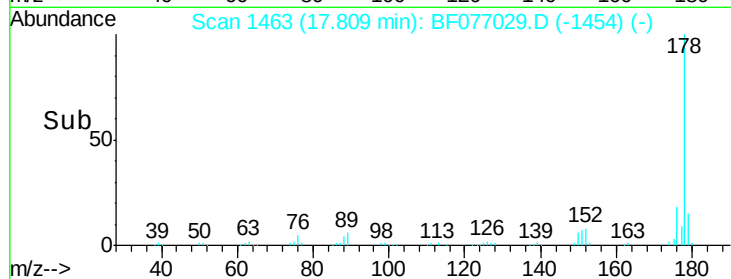
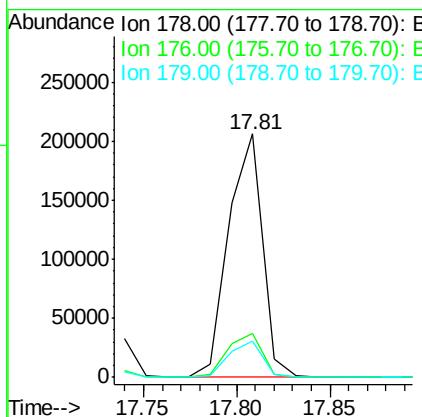
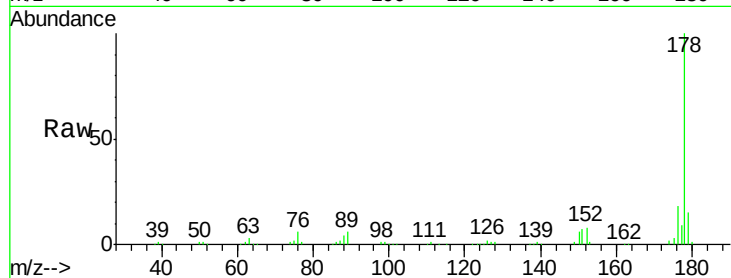




#71
 Anthracene
 Concen: 48.17 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

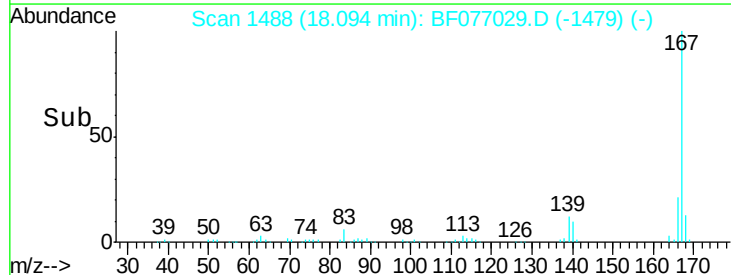
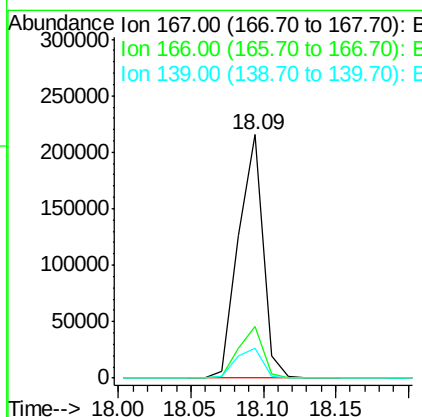
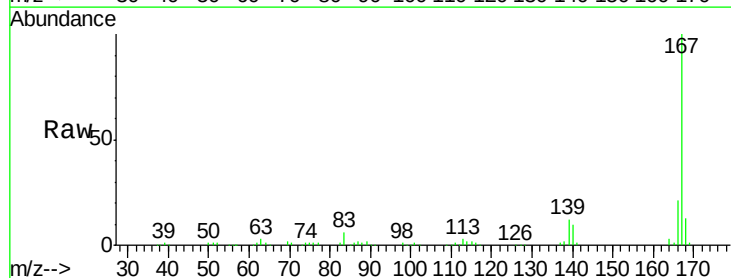
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

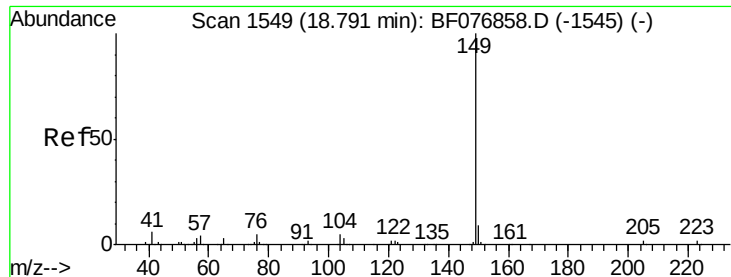
Tot Ion:178 Resp: 262076
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.0
 179 14.8 11.9 17.9



#72
 Carbazole
 Concen: 47.95 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:167 Resp: 253051
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 50.85 ng

RT: 18.68 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

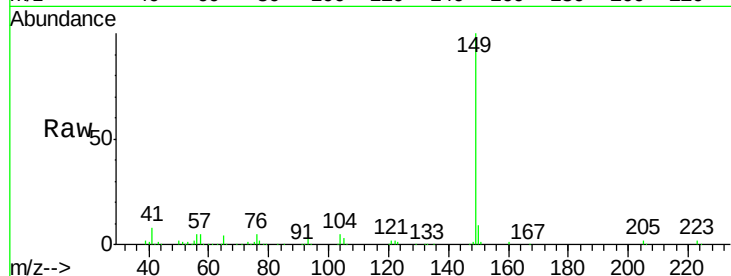
Tot Ion:149 Resp: 310633

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

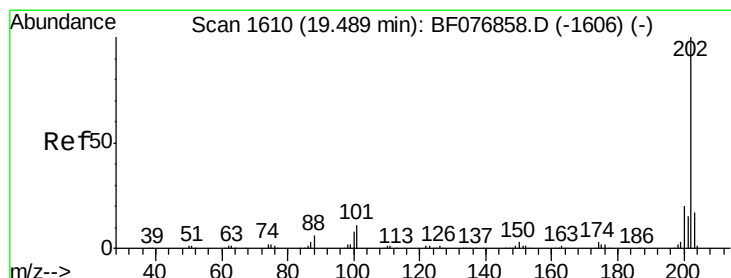
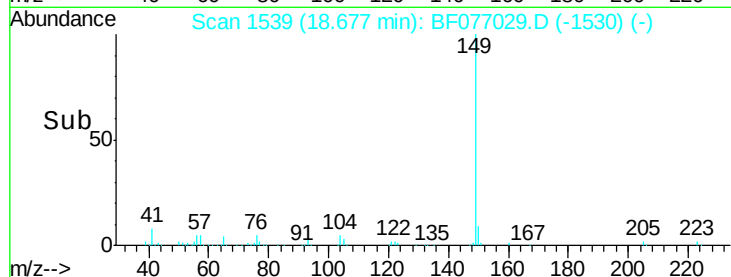
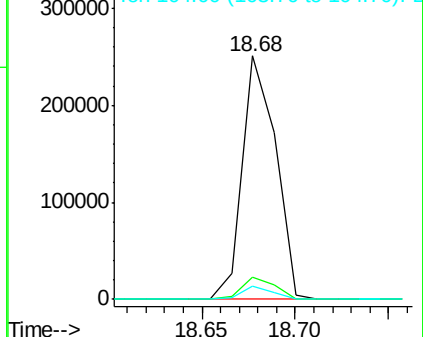
104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.05 ng

RT: 19.37 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

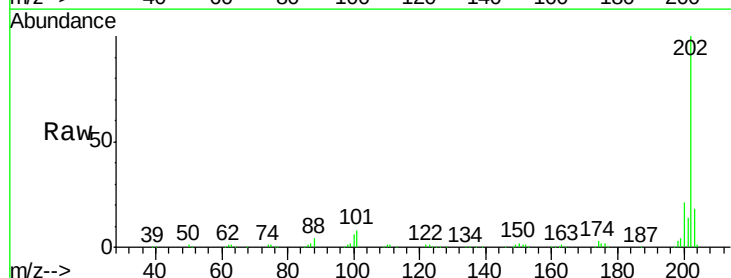
Tgt Ion:202 Resp: 268987

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.7

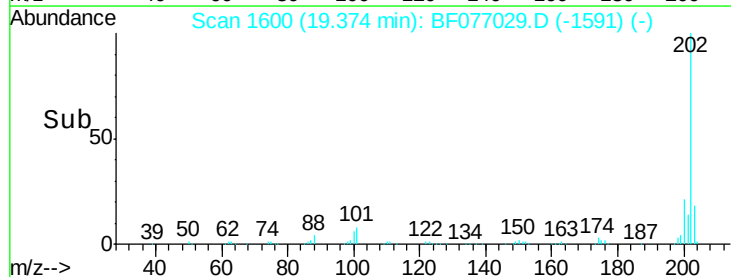
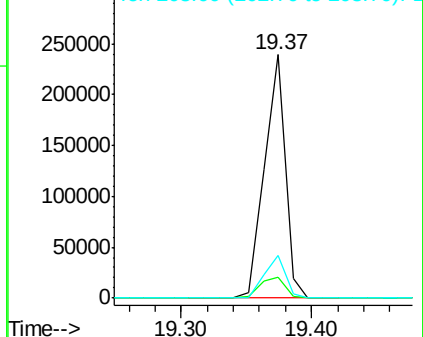
203 17.6 0.0 36.9

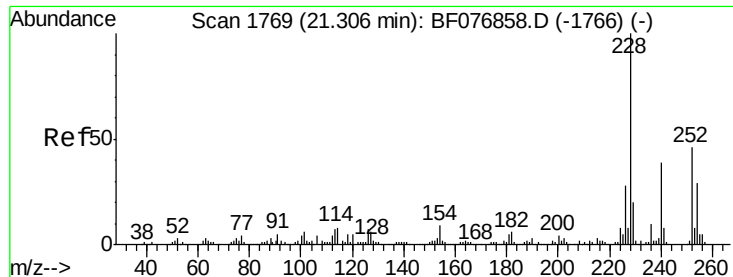


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

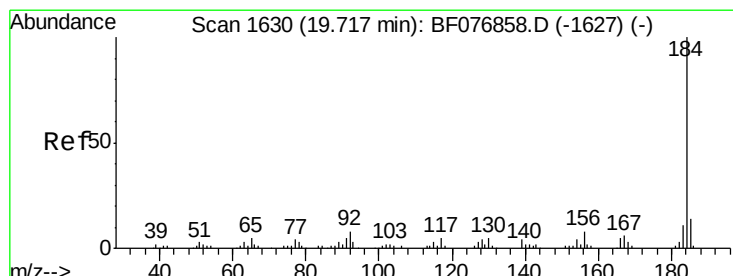
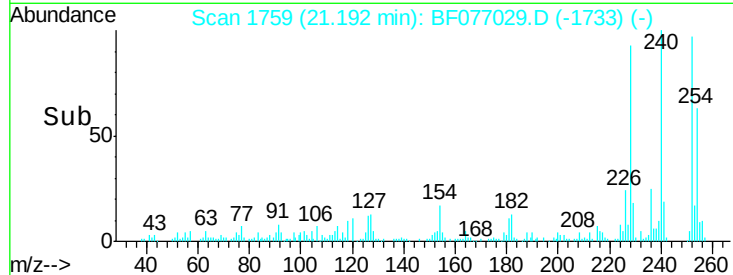
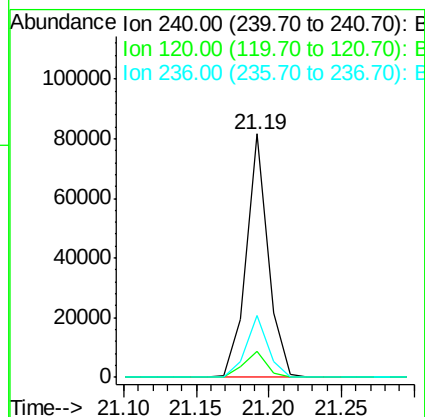
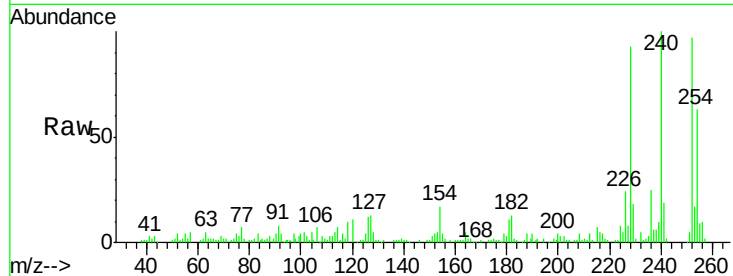




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

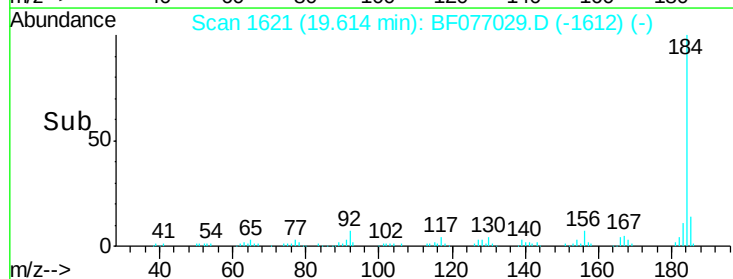
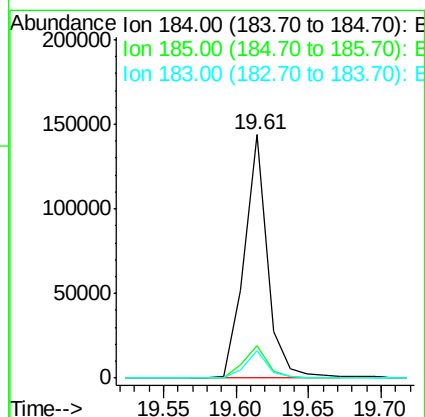
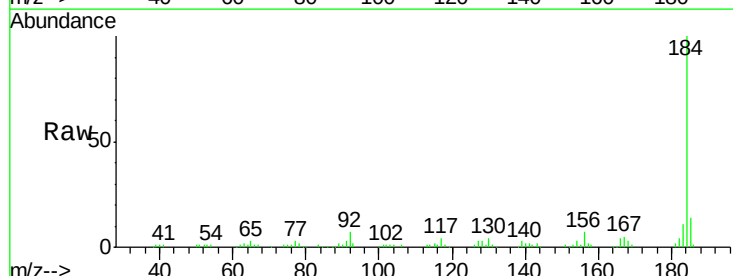
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

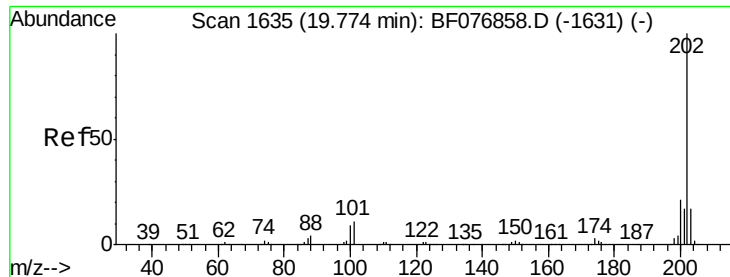
Tot Ion:240 Resp: 85812
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.4 15.6
 236 25.3 20.2 30.2



#76
 Benzidine
 Concen: 58.59 ng
 RT: 19.61 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:184 Resp: 160881
 Ion Ratio Lower Upper
 184 100
 185 13.6 11.4 17.2
 183 11.3 9.0 13.6

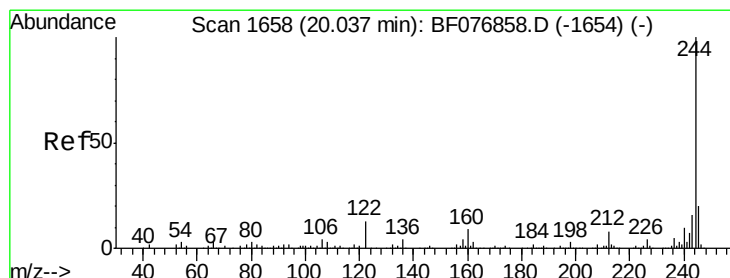
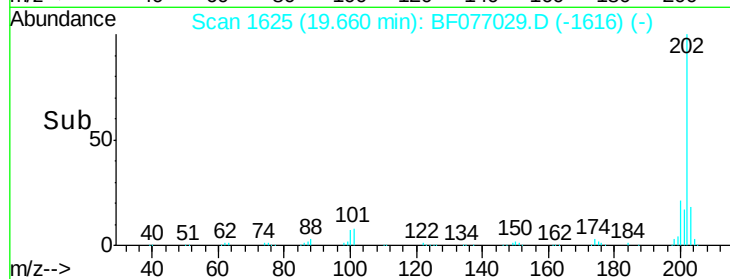
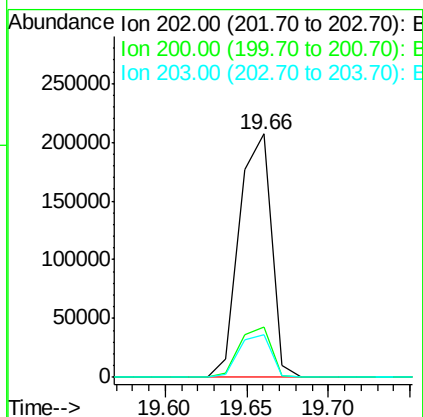
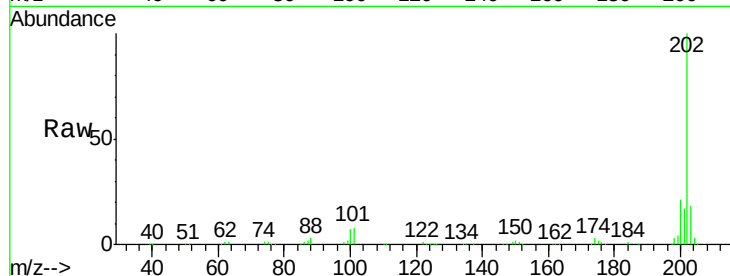




#77
 Pvrene
 Concen: 47.90 ng
 RT: 19.66 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

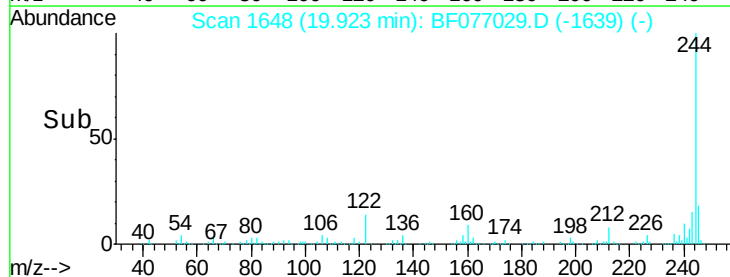
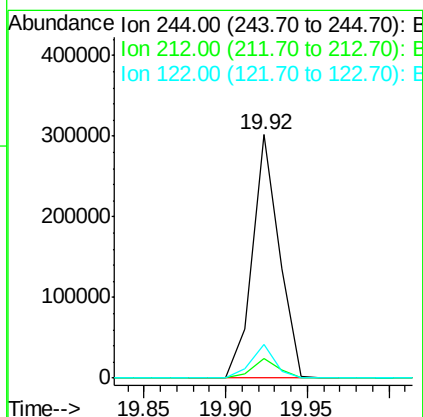
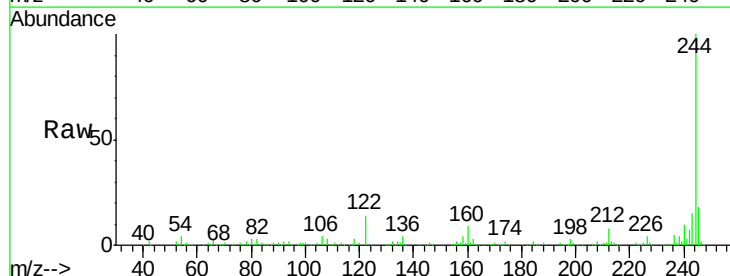
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

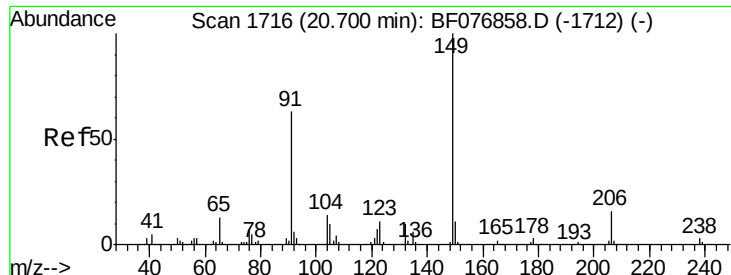
Tot Ion:202 Resp: 281720
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.7 14.0 21.0



#78
 Terphenyl-d14
 Concen: 92.51 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:244 Resp: 344809
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 13.7 10.1 15.1

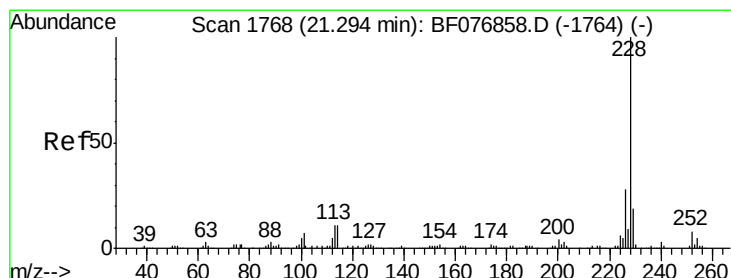
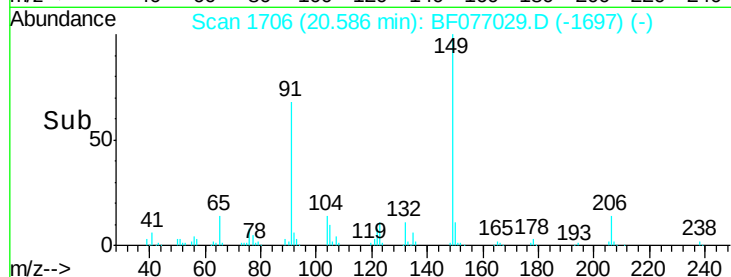
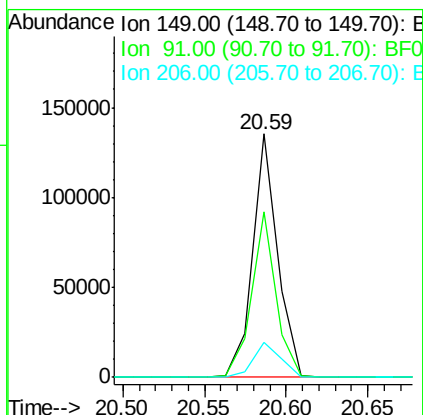
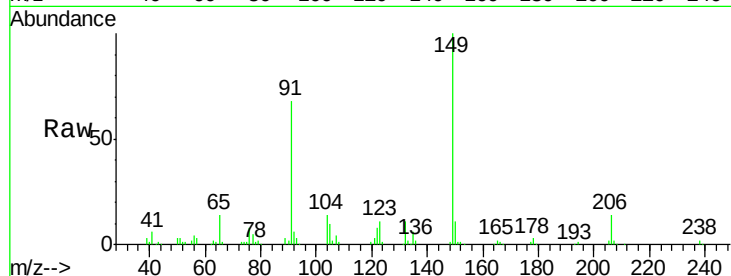




#79
Butylbenzylphthalate
Concen: 53.74 ng
RT: 20.59 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

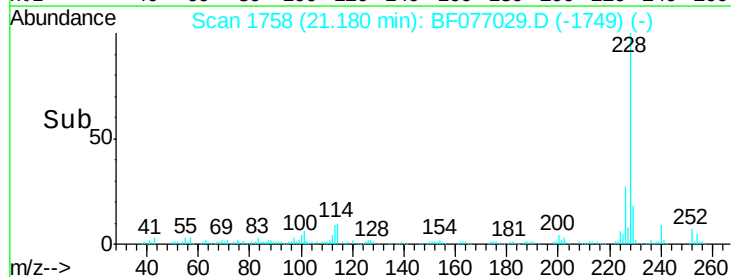
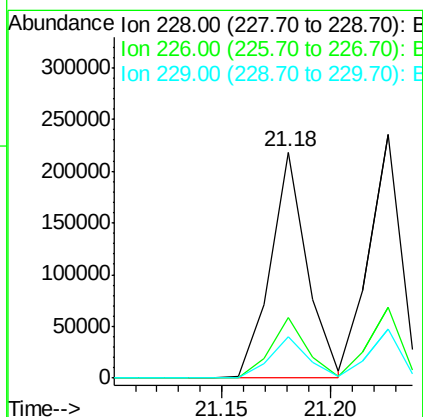
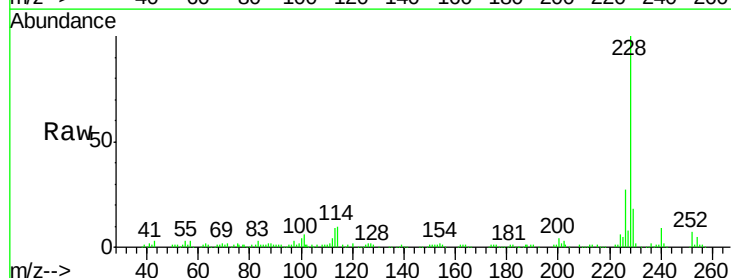
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

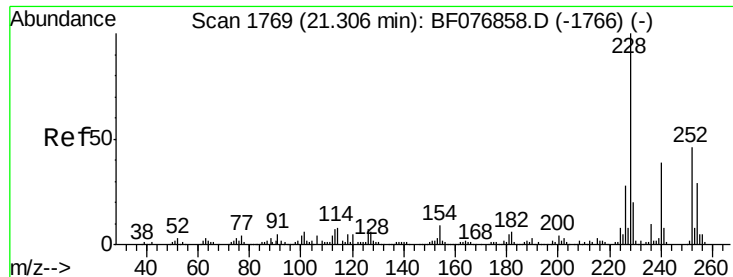
Tot Ion:149 Resp: 143147
Ion Ratio Lower Upper
149 100
91 68.2 50.6 76.0
206 14.5 12.8 19.2



#80
Benzo(a)anthracene
Concen: 47.55 ng
RT: 21.18 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:228 Resp: 255980
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 18.5 15.5 23.3

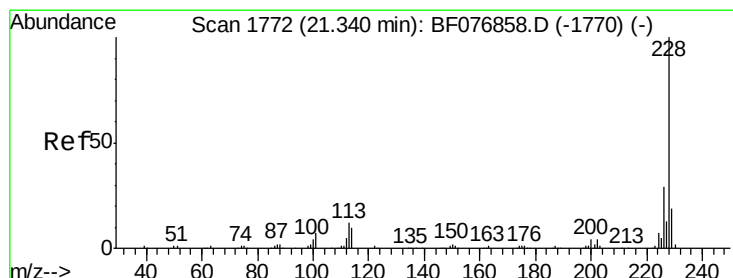
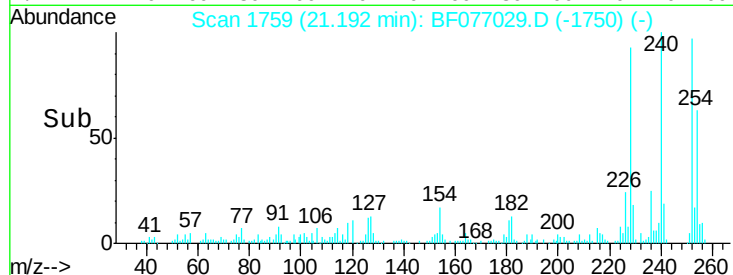
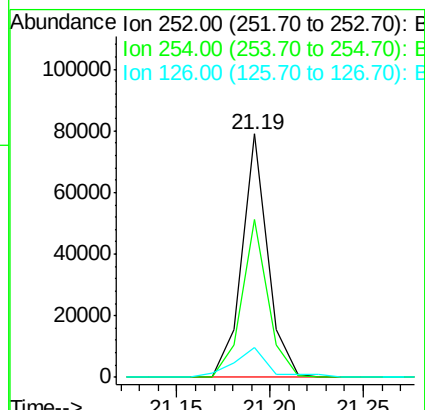
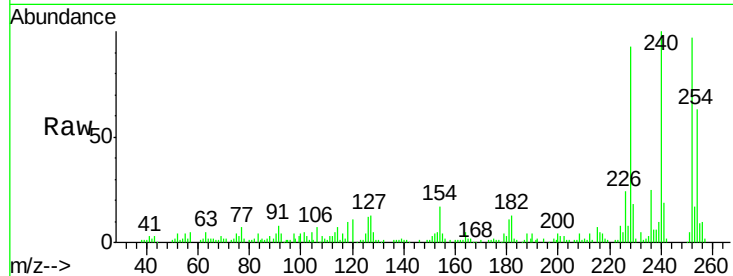




#81
 3,3'-Dichlorobenzidine
 Concen: 44.52 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

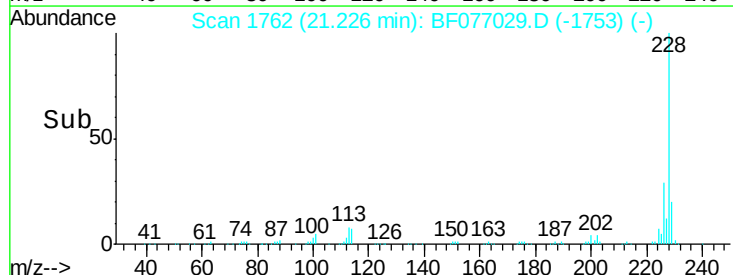
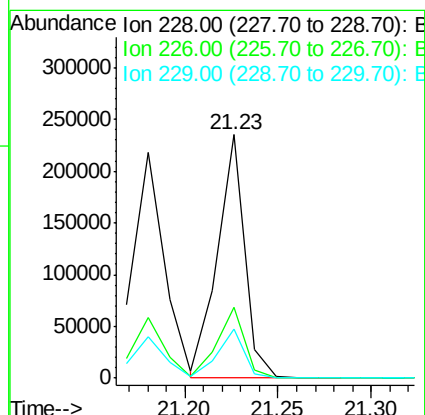
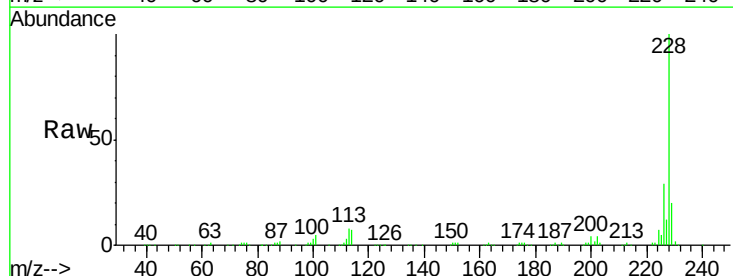
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

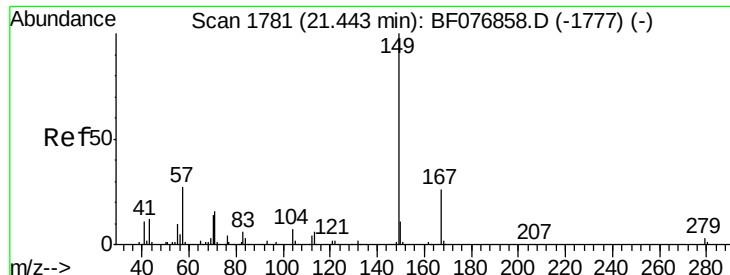
Tot Ion:252 Resp: 76177
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.2 75.4
 126 12.2 11.5 17.3



#82
 Chrysene
 Concen: 48.61 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion:228 Resp: 238664
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.4 35.0
 229 20.0 15.4 23.0

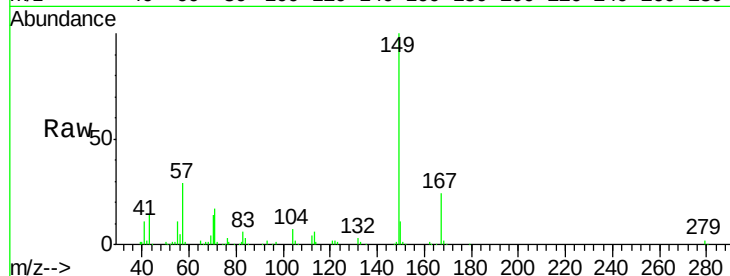




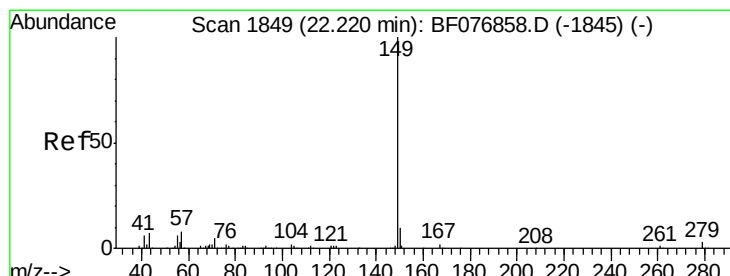
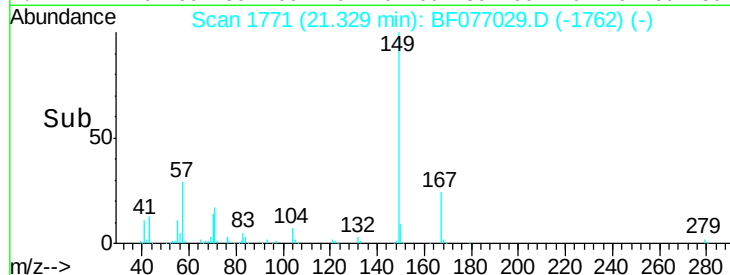
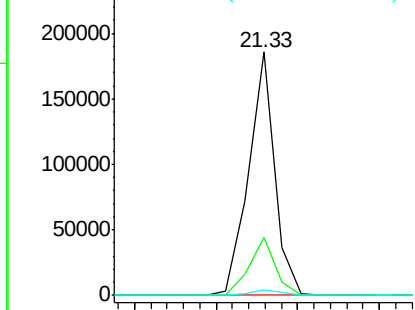
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.59 ng
 RT: 21.33 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion	149	Resp	204851
Ion Ratio	Lower	Upper	
149	100		
167	23.7	20.6	30.8
279	2.3	2.2	3.2

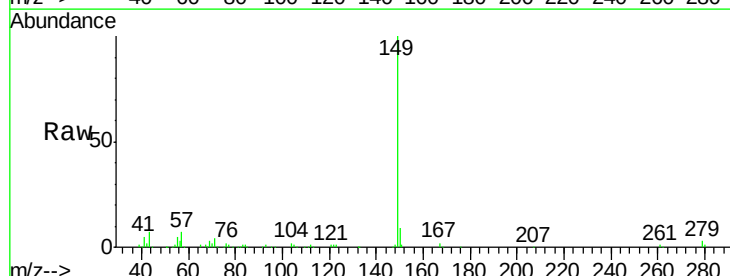


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

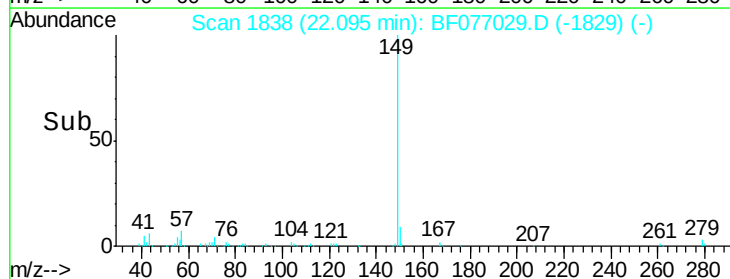
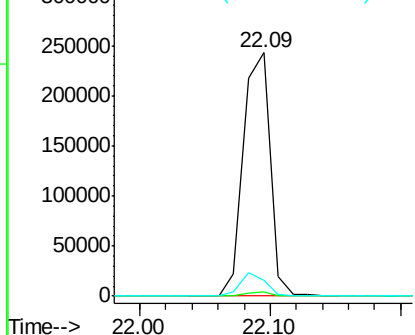


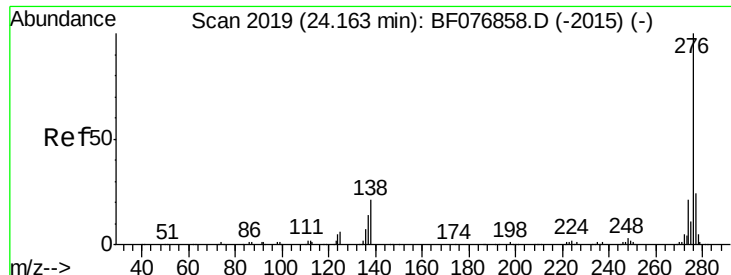
#84
 Di-n-octyl phthalate
 Concen: 54.45 ng
 RT: 22.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Tgt Ion	149	Resp	348231
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.0	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

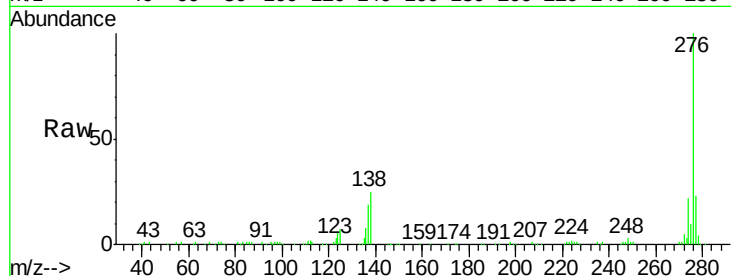




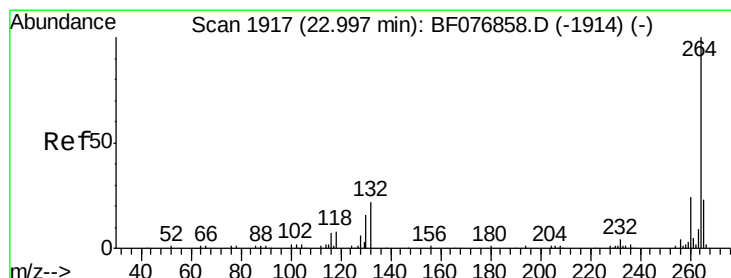
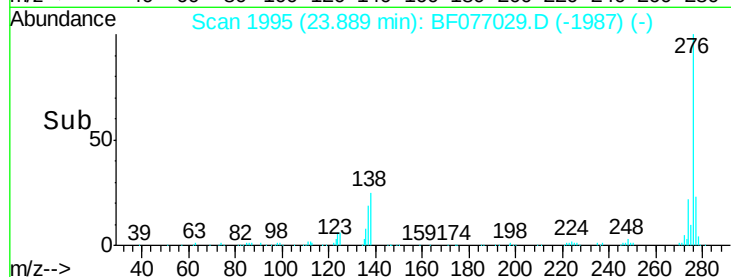
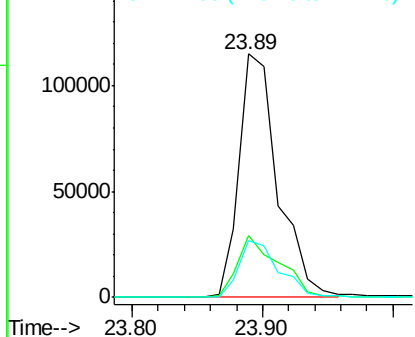
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.81 ng
RT: 23.89 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

Tot Ion:276 Resp: 238349
Ion Ratio Lower Upper
276 100
138 27.0 14.6 22.0#
277 24.5 14.8 22.2#

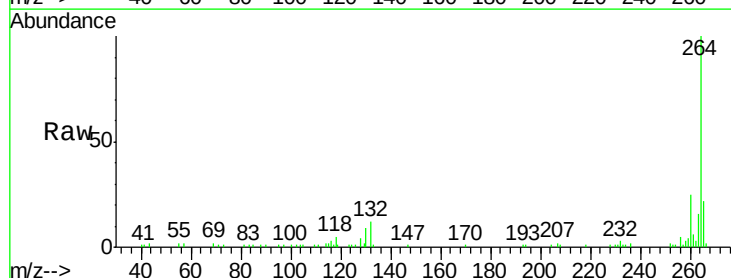


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

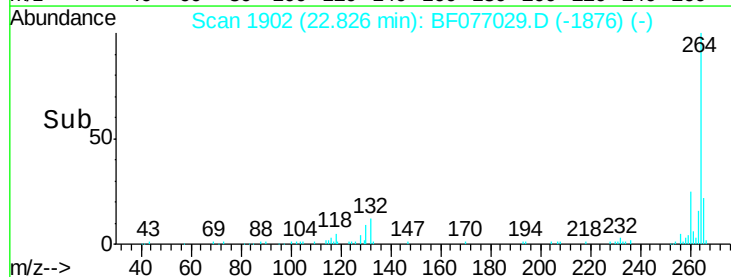
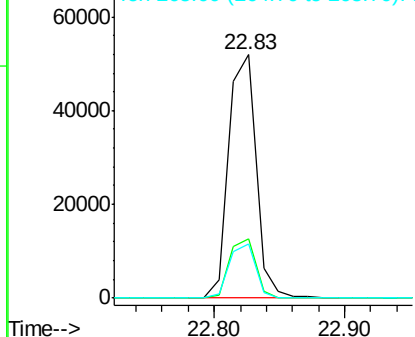


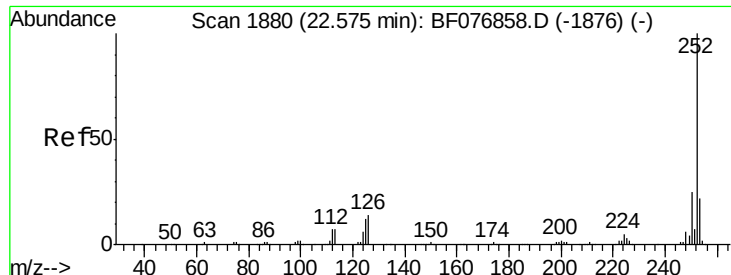
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.83 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:264 Resp: 75775
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 22.3 18.1 27.1



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

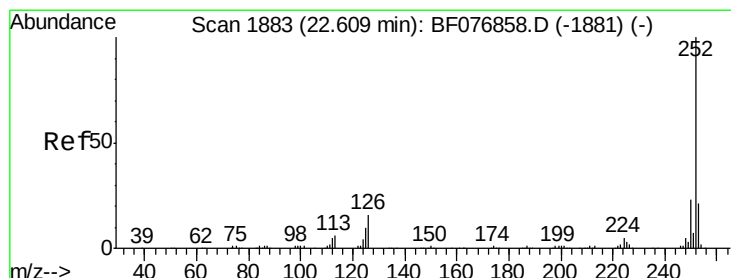
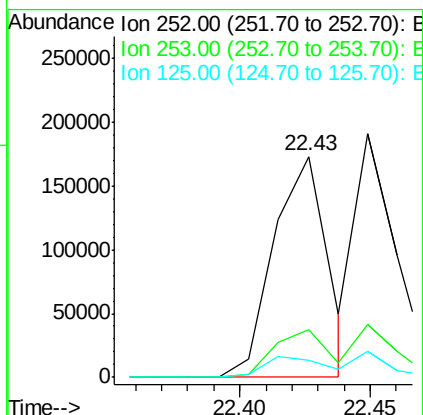
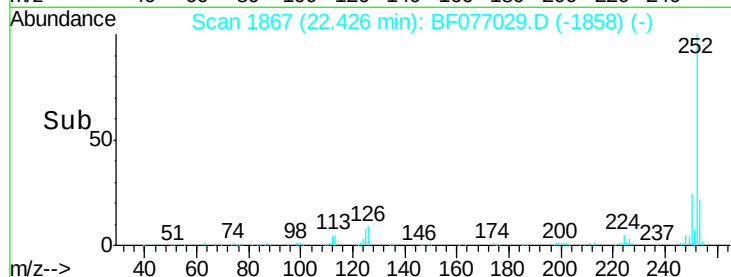
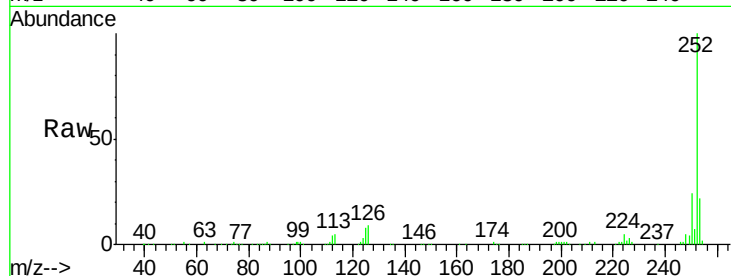




#87
Benzo(b)fluoranthene
Concen: 48.47 ng
RT: 22.43 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

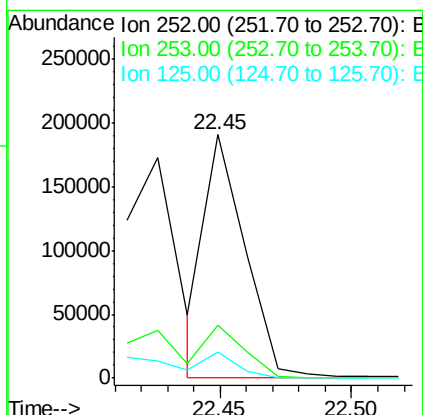
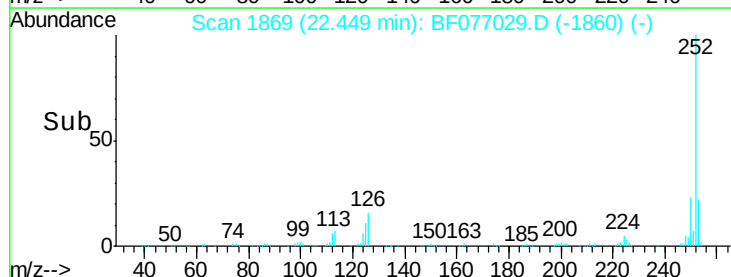
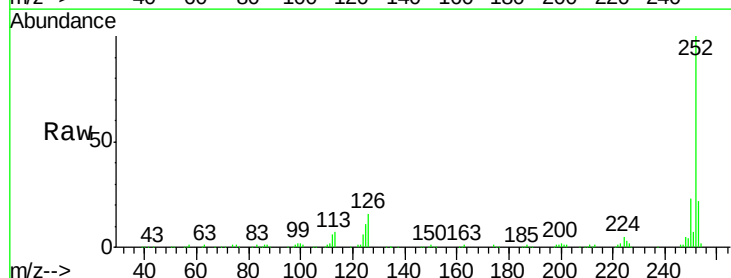
Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-AMSD

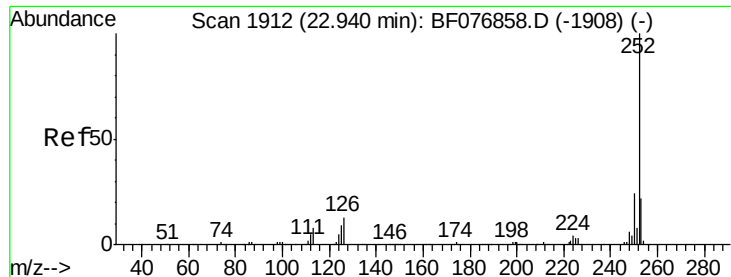
Tot Ion:252 Resp: 247373
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.7 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 45.84 ng m
RT: 22.45 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077029.D
Acq: 23 Jan 2015 3:26

Tgt Ion:252 Resp: 204372
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.6 7.1 10.7





#89

Benzo(a)pyrene

Concen: 49.26 ng

RT: 22.77 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-AMSD

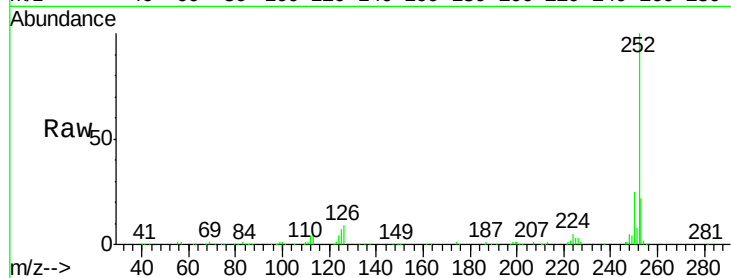
Tot Ion:252 Resp: 221770

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

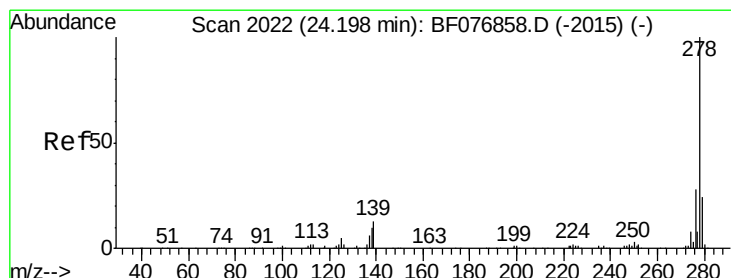
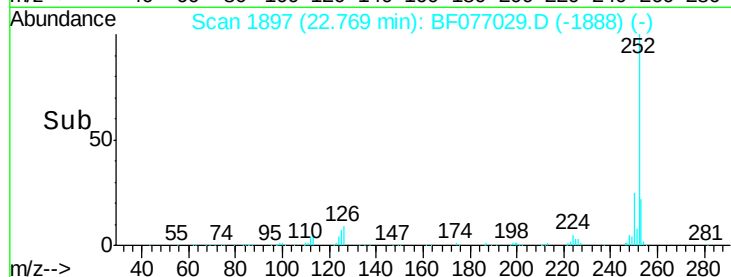
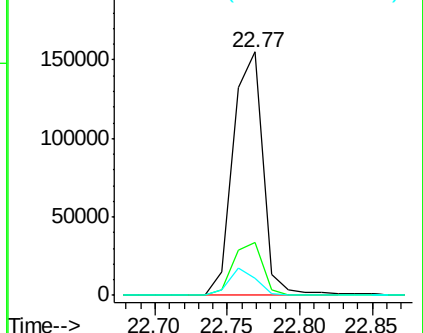
125 7.3 7.2 10.8



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: 48.48 ng

RT: 23.92 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF077029.D

Acq: 23 Jan 2015 3:26

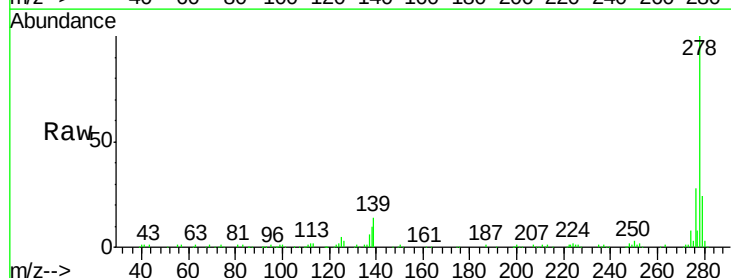
Tgt Ion:278 Resp: 200237

Ion Ratio Lower Upper

278 100

139 13.6 10.5 15.7

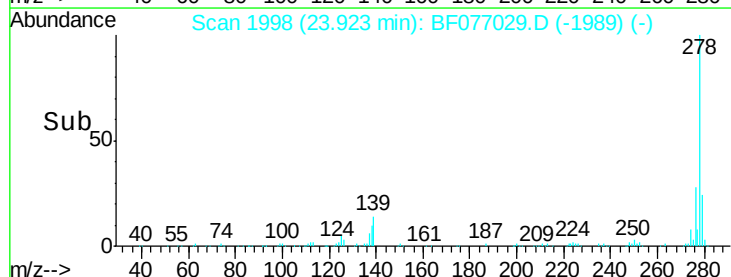
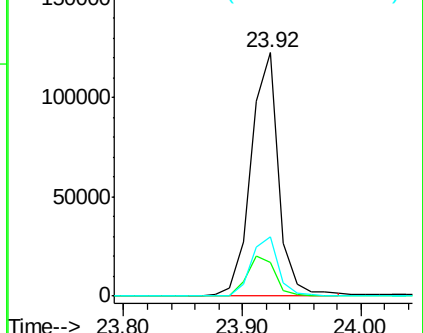
279 24.1 19.3 28.9

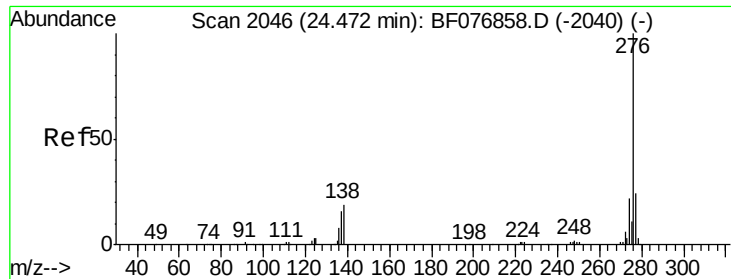


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

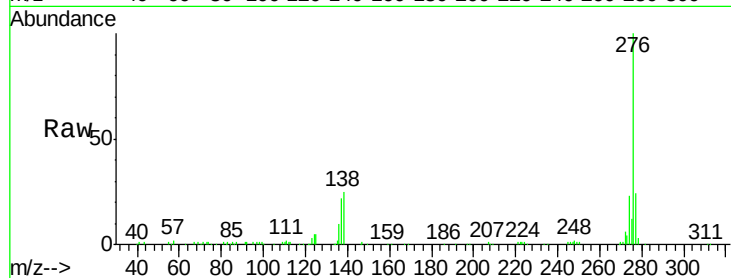




#91
 Benzo(a,h,i)perylene
 Concen: 49.27 ng
 RT: 24.17 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF077029.D
 Acq: 23 Jan 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	25.5	15.0	22.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

