

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078416.D
 Acq On : 10 Apr 2015 23:15
 Operator : TP/IZ
 Sample : G1744-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Quant Time: Apr 11 00:54:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	27757	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	113134	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	64076	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	126500	20.00	ng	0.00
75) Chrysene-d12	15.68	240	145577	20.00	ng	-0.01
86) Perylene-d12	17.33	264	142543	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	173229	102.90	ng	0.00
7) Phenol-d6	6.45	99	223273	105.83	ng	-0.01
23) Nitrobenzene-d5	7.56	82	136887	73.34	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	62862	118.29	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	300939	67.13	ng	0.00
78) Terphenyl-d14	14.41	244	399008	61.93	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.62	88	73280	96.26	ng	# 23
3) Pyridine	2.25	79	51217	25.68	ng	94
4) n-Nitrosodimethylamine	2.18	42	25317	32.98	ng	# 89
6) Aniline	6.44	93	34748	11.61	ng	96
8) 2-Chlorophenol	6.59	128	67889	34.10	ng	97
9) Benzaldehyde	6.29	77	42913	30.69	ng	89
10) Phenol	6.48	94	81134	32.09	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	61078	33.60	ng	93
12) 1,3-Dichlorobenzene	6.77	146	70005	32.01	ng	99
13) 1,4-Dichlorobenzene	6.88	146	69858	31.74	ng	99
14) 1,2-Dichlorobenzene	7.06	146	68292	33.09	ng	98
15) Benzyl Alcohol	7.06	79	56677	38.23	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	86447	35.65	ng	95
17) 2-Methylphenol	7.22	107	55249	35.75	ng	95
18) Hexachloroethane	7.47	117	24295	32.73	ng	# 72
19) n-Nitroso-di-n-propylamine	7.39	70	48818	35.07	ng	# 89
20) 3+4-Methylphenols	7.42	107	72811	35.31	ng	90
22) Acetophenone	7.38	105	95054	36.06	ng	# 94
24) Nitrobenzene	7.58	77	70139	35.95	ng	92
25) Isophorone	7.88	82	129524	36.56	ng	# 93
26) 2-Nitrophenol	7.97	139	32041	34.46	ng	# 80
27) 2,4-Dimethylphenol	8.06	122	64420	37.26	ng	98
28) bis(2-Chloroethoxy)methane	8.18	93	85376	37.59	ng	98
29) 2,4-Dichlorophenol	8.28	162	61959	39.39	ng	91
30) 1,2,4-Trichlorobenzene	8.37	180	63046	34.96	ng	99
31) Naphthalene	8.46	128	202136	34.33	ng	99
32) Benzoic acid	8.19	122	34506	43.11	ng	96
33) 4-Chloroaniline	8.56	127	31644	12.95	ng	97
34) Hexachlorobutadiene	8.62	225	35588	35.94	ng	99
35) Caprolactam	8.97	113	18610	39.63	ng	95
36) 4-Chloro-3-methylphenol	9.17	107	66728	42.04	ng	90
37) 2-Methylnaphthalene	9.32	142	141178	35.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	62015	31.24	ng	99
40) Hexachlorocyclopentadiene	9.50	237	48197	58.40	ng	97

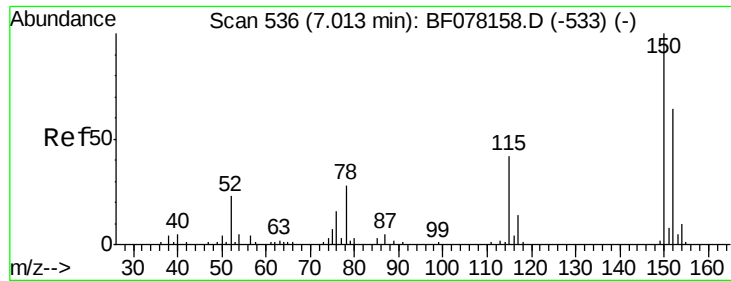
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078416.D
 Acq On : 10 Apr 2015 23:15
 Operator : TP/IZ
 Sample : G1744-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Quant Time: Apr 11 00:54:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	44584	35.61	ng	99
43) 2,4,5-Trichlorophenol	9.72	196	47415	36.25	ng	95
45) 1,1'-Biphenyl	9.89	154	177256	33.82	ng	95
46) 2-Chloronaphthalene	9.92	162	136656	33.14	ng	95
47) 2-Nitroaniline	10.05	65	37615	36.87	ng	# 84
48) Acenaphthylene	10.42	152	223418	33.55	ng	99
49) Dimethylphthalate	10.29	163	188672	39.19	ng	100
50) 2,6-Dinitrotoluene	10.36	165	35456	35.80	ng	# 46
51) Acenaphthene	10.64	154	125319	33.43	ng	100
52) 3-Nitroaniline	10.57	138	23474	20.84	ng	90
53) 2,4-Dinitrophenol	10.71	184	24658	68.89	ng	91
54) Dibenzofuran	10.84	168	204295	35.68	ng	98
55) 4-Nitrophenol	10.81	139	58051	70.35	ng	85
56) 2,4-Dinitrotoluene	10.85	165	48708	37.97	ng	# 50
57) Fluorene	11.27	166	167788	36.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.01	232	37166	38.32	ng	99
59) Diethylphthalate	11.17	149	169546	36.53	ng	98
60) 4-Chlorophenyl-phenylether	11.29	204	78579	36.80	ng	93
61) 4-Nitroaniline	11.31	138	35516	31.20	ng	94
62) Azobenzene	11.48	77	172523	40.73	ng	84
64) 4,6-Dinitro-2-methylphenol	11.36	198	20854	35.85	ng	# 64
65) n-Nitrosodiphenylamine	11.44	169	148472	33.93	ng	99
66) 4-Bromophenyl-phenylether	11.88	248	46636	34.81	ng	98
67) Hexachlorobenzene	11.94	284	49119	33.46	ng	# 89
68) Atrazine	12.11	200	48342	38.14	ng	96
69) Pentachlorophenol	12.19	266	48693	75.30	ng	98
70) Phenanthrene	12.44	178	250582	34.24	ng	99
71) Anthracene	12.51	178	257226	35.67	ng	99
72) Carbazole	12.73	167	250604	37.09	ng	99
73) Di-n-butylphthalate	13.19	149	302736	39.55	ng	100
74) Fluoranthene	13.91	202	279312	36.19	ng	97
76) Benzidine	14.10	184	113351	20.22	ng	99
77) Pyrene	14.18	202	296806	32.48	ng	99
79) Butylbenzylphthalate	15.04	149	135929	39.03	ng	# 85
80) Benzo(a)anthracene	15.67	228	288981	33.36	ng	99
81) 3,3'-Dichlorobenzidine	15.65	252	59108	20.38	ng	# 97
82) Chrysene	15.71	228	269692	33.14	ng	99
83) Bis(2-ethylhexyl)phthalate	15.76	149	217512	39.82	ng	# 98
84) Di-n-octyl phthalate	16.52	149	371991	41.47	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.91	276	255746	27.70	ng	93
87) Benzo(b)fluoranthene	16.91	252	313623	35.60	ng	# 96
88) Benzo(k)fluoranthene	16.91	252	313623	40.06	ng	97
89) Benzo(a)pyrene	17.28	252	275320	35.81	ng	99
90) Dibenzo(a,h)anthracene	18.58	278	238305	30.96	ng	99
91) Benzo(g,h,i)perylene	18.91	276	247500	32.07	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

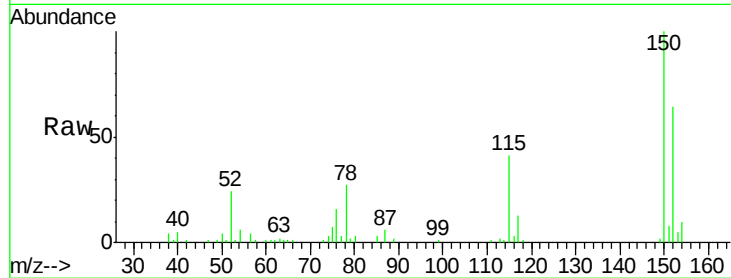
Tgt Ion:152 Resp: 27757

Ion Ratio Lower Upper

152 100

150 157.0 125.9 188.9

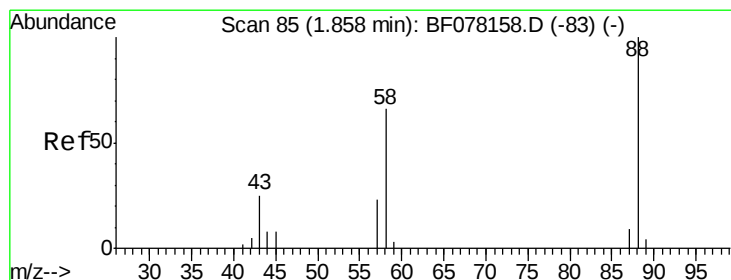
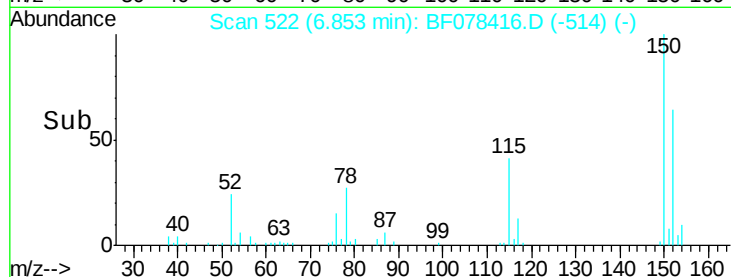
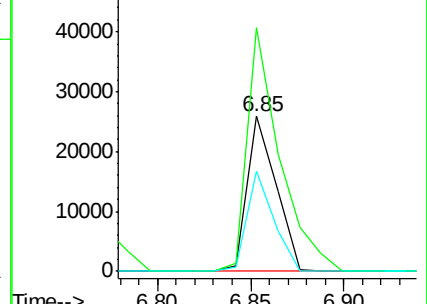
115 64.4 52.7 79.1



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: 96.26 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

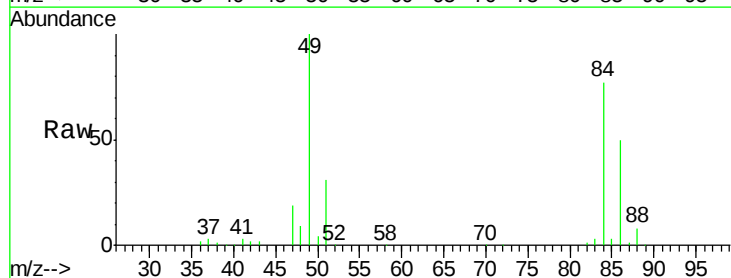
Tgt Ion: 88 Resp: 73280

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

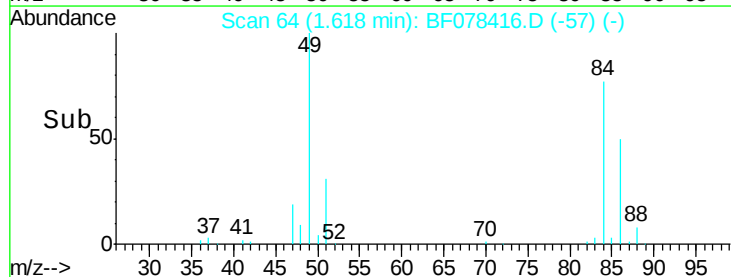
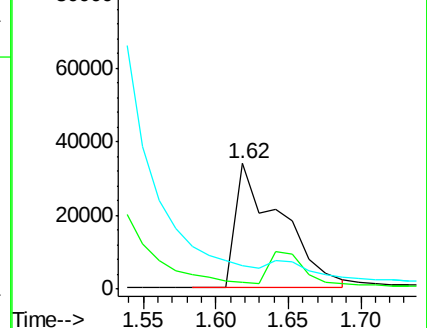
43 0.0 21.4 32.2#

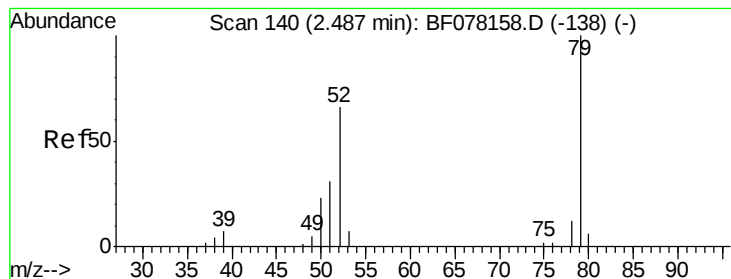


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.68 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.02 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

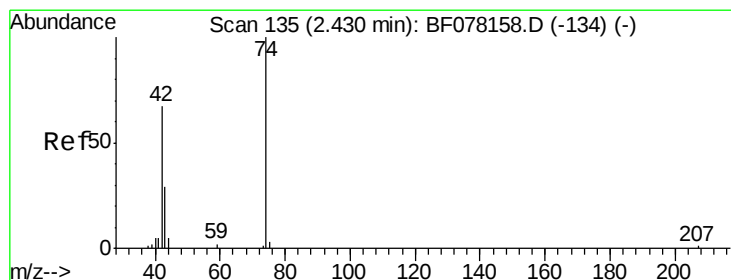
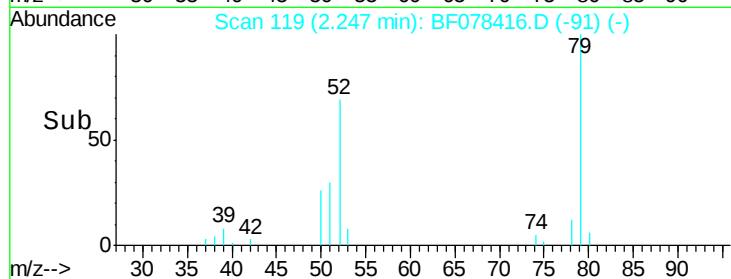
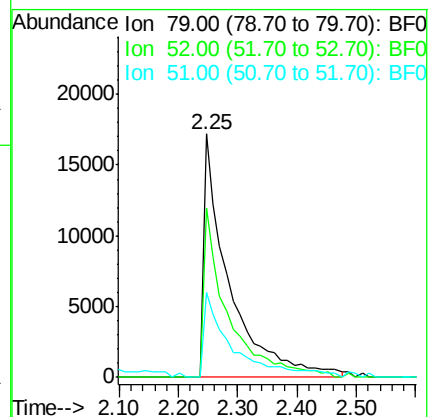
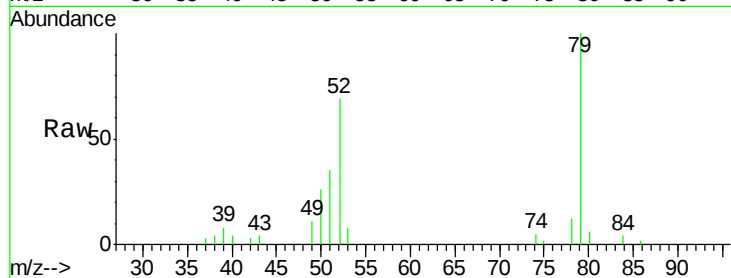
Tgt Ion: 79 Resp: 51217

Ion Ratio Lower Upper

79 100

52 69.5 52.4 78.6

51 34.8 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 32.98 ng

RT: 2.18 min Scan# 113

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

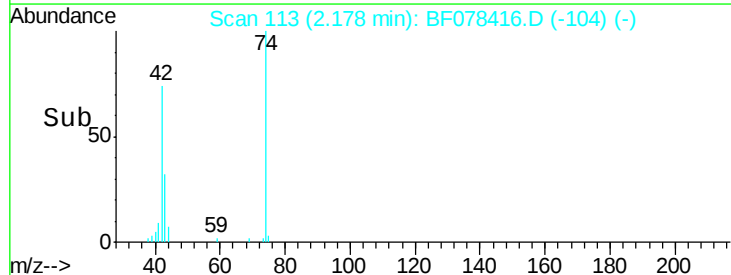
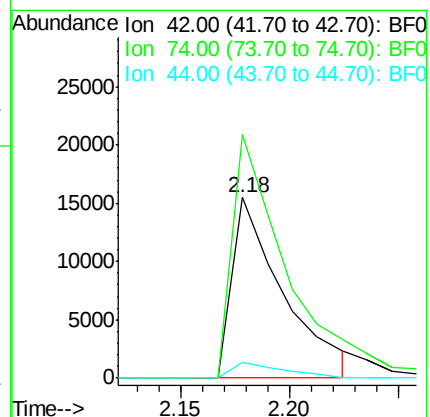
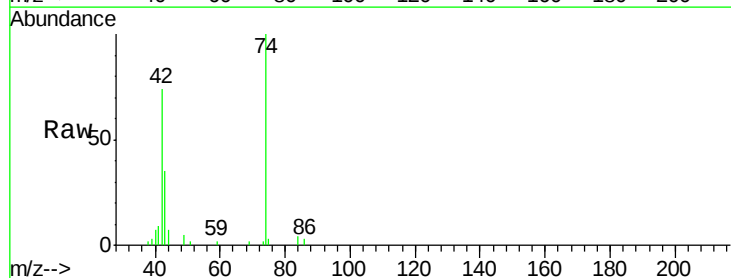
Tgt Ion: 42 Resp: 25317

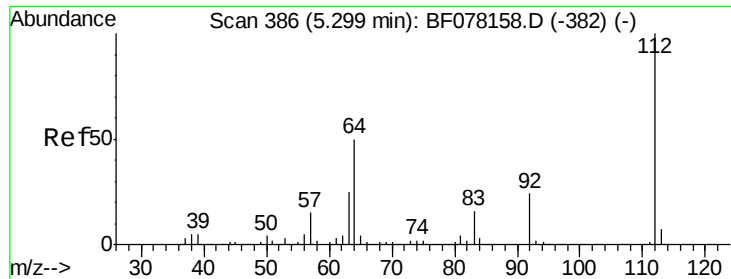
Ion Ratio Lower Upper

42 100

74 134.8 118.7 178.1

44 9.0 5.9 8.9#





#5

2-Fluorophenol

Concen: 102.90 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

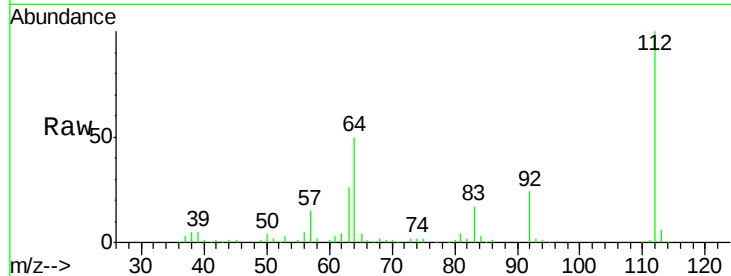
Tgt Ion: 112 Resp: 173229

Ion Ratio Lower Upper

112 100

64 50.4 39.9 59.9

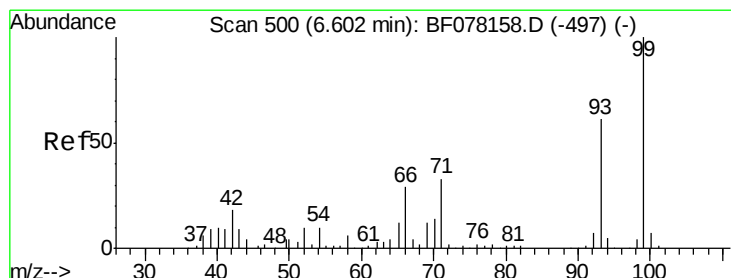
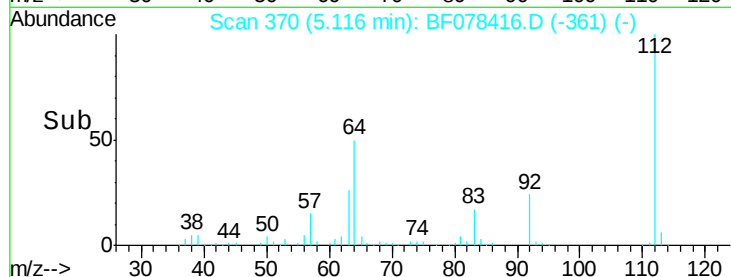
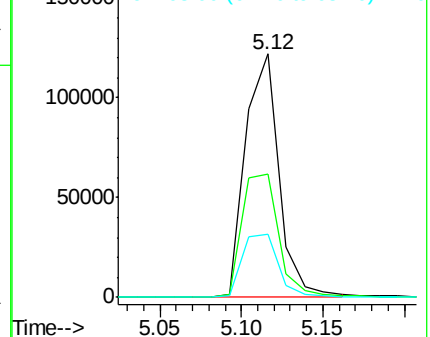
63 25.8 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.61 ng

RT: 6.44 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

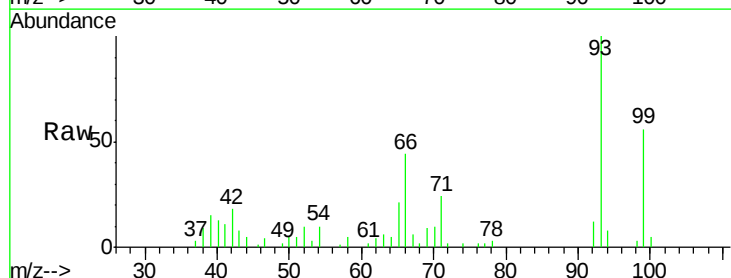
Tgt Ion: 93 Resp: 34748

Ion Ratio Lower Upper

93 100

66 43.7 38.0 57.0

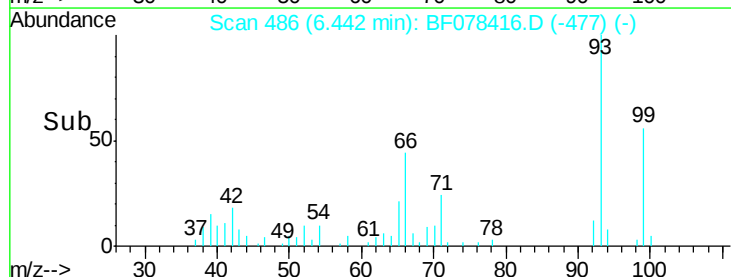
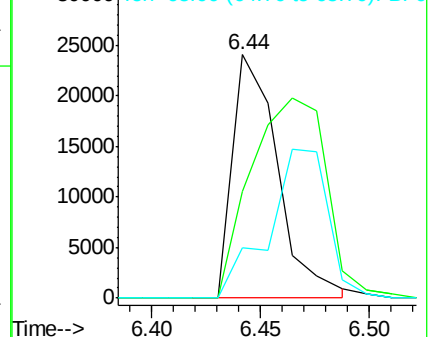
65 20.8 16.3 24.5

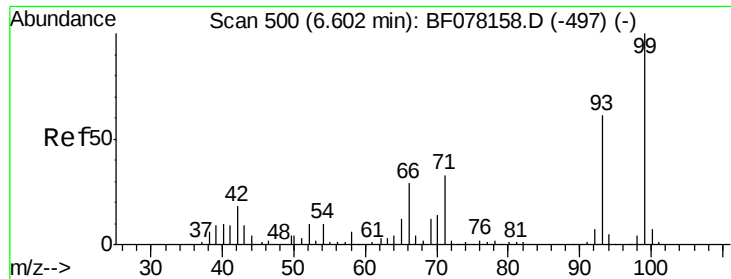


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.83 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

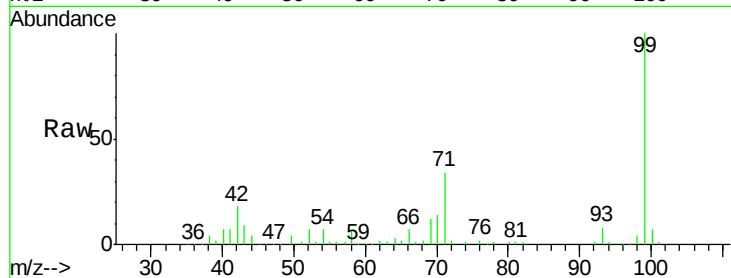
Tgt Ion: 99 Resp: 223273

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

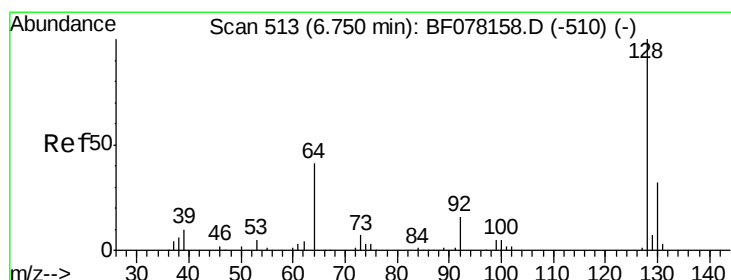
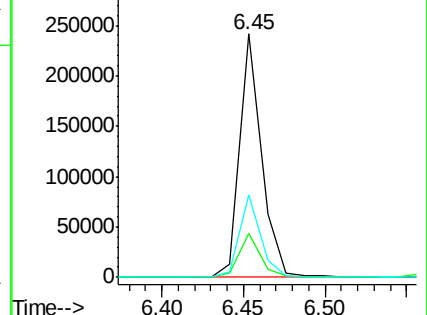
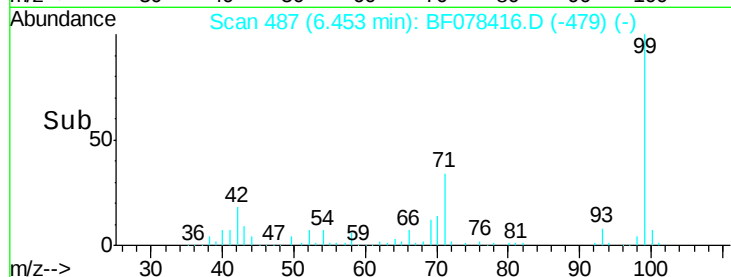
71 33.7 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.10 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

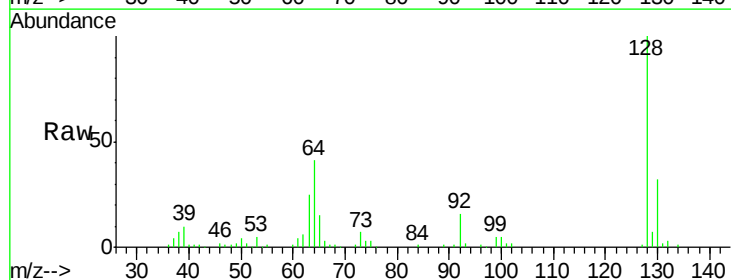
Tgt Ion: 128 Resp: 67889

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

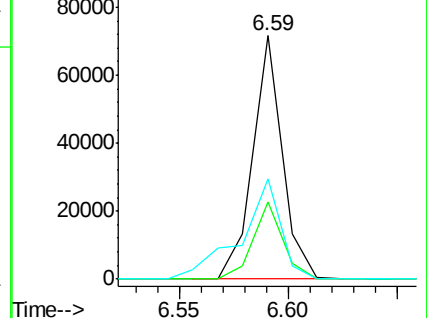
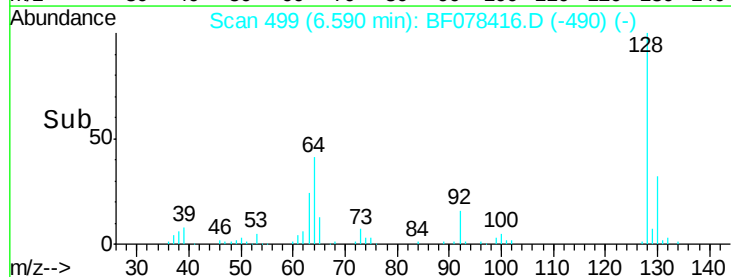
64 41.2 23.8 63.8

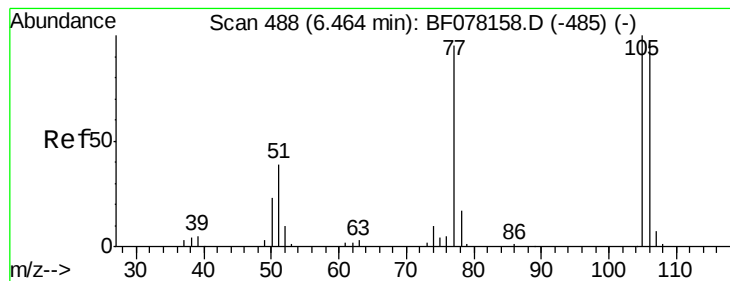


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.69 ng

RT: 6.29 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

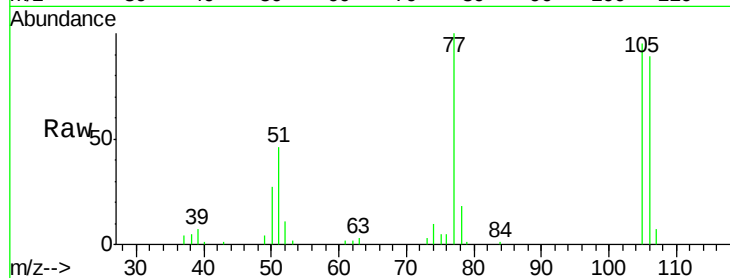
Tgt Ion: 77 Resp: 42913

Ion Ratio Lower Upper

77 100

105 95.2 85.4 125.4

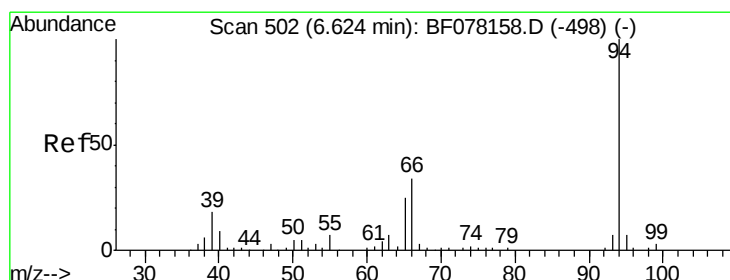
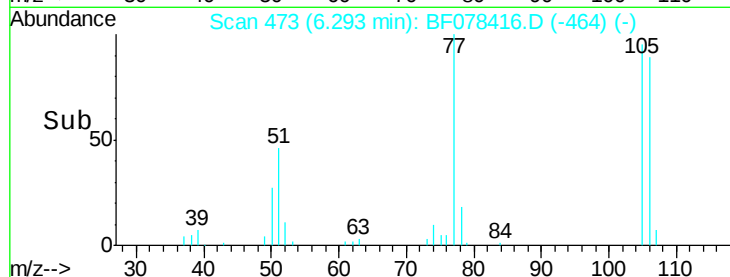
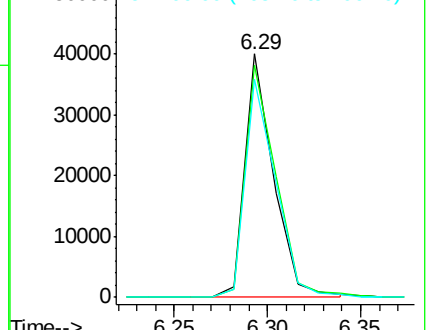
106 89.3 80.8 120.8



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: 32.09 ng

RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

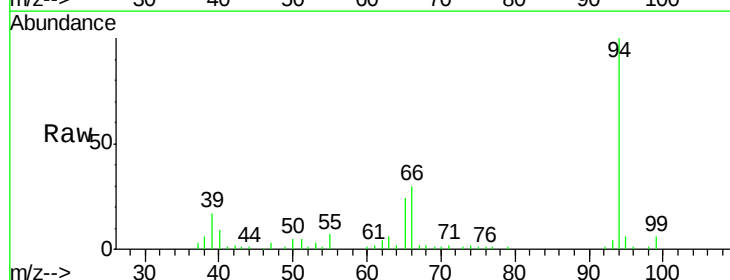
Tgt Ion: 94 Resp: 81134

Ion Ratio Lower Upper

94 100

65 23.8 4.9 44.9

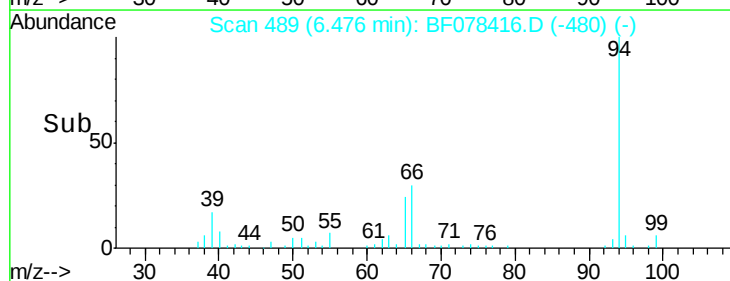
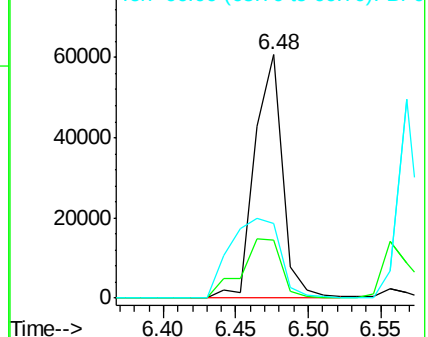
66 30.5 13.8 53.8

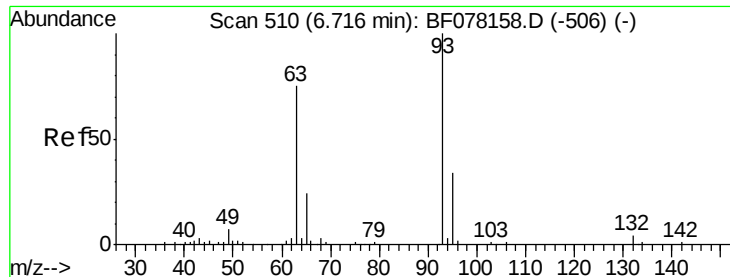


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.60 ng

RT: 6.56 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

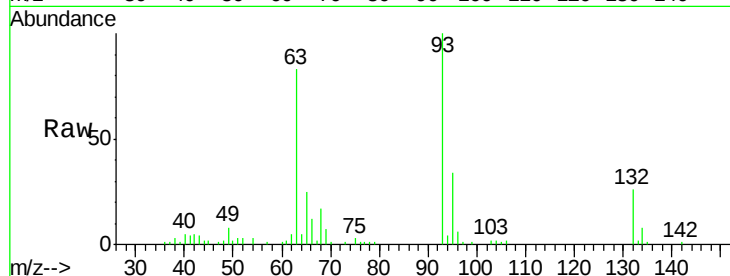
Tgt Ion: 93 Resp: 61078

Ion Ratio Lower Upper

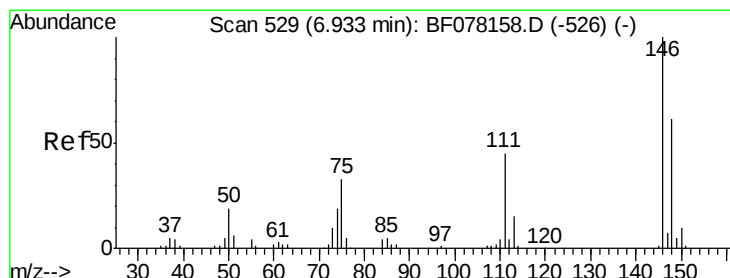
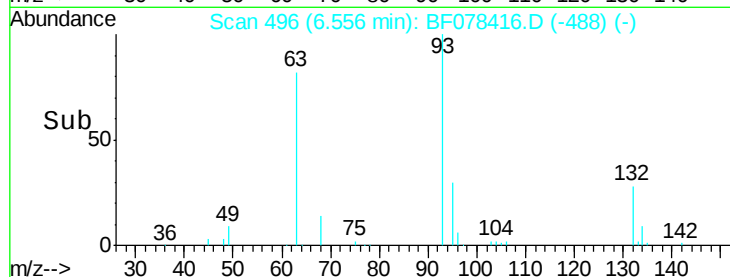
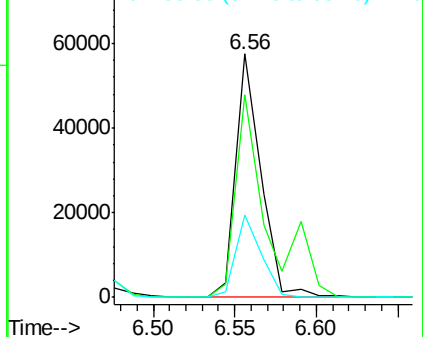
93 100

63 83.1 54.6 94.6

95 33.8 13.6 53.6



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: 32.01 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

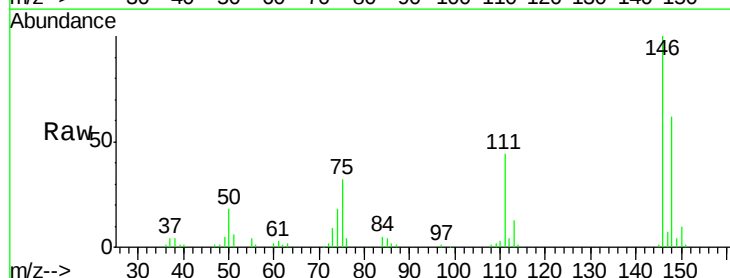
Tgt Ion: 146 Resp: 70005

Ion Ratio Lower Upper

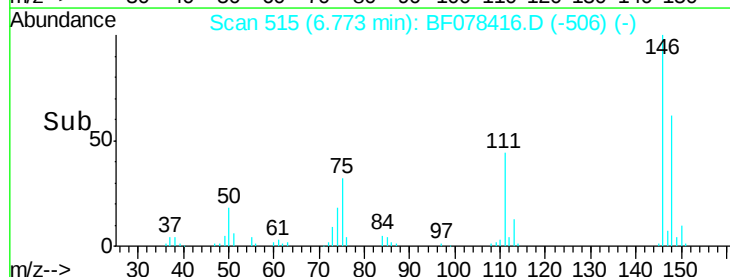
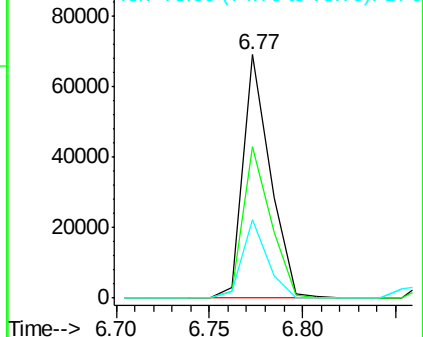
146 100

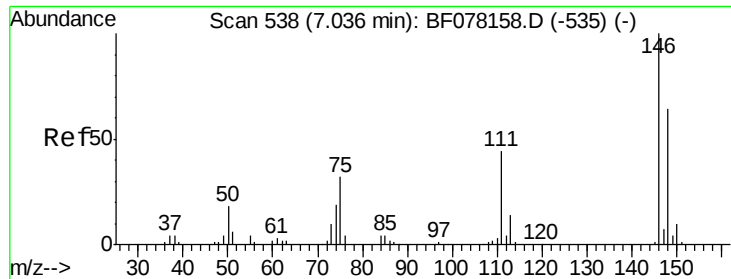
148 62.1 49.1 73.7

75 32.4 26.6 40.0



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

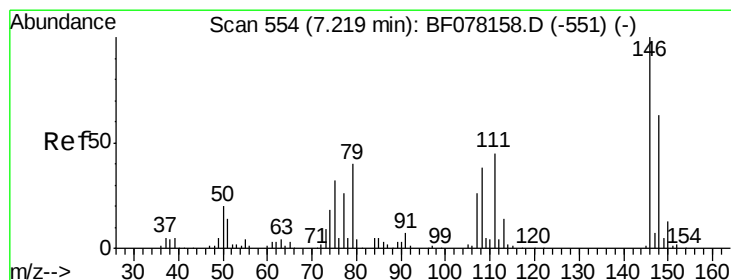
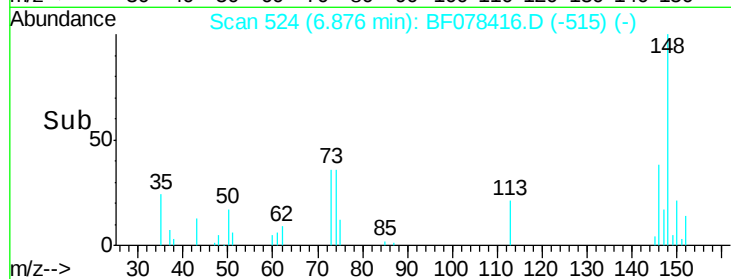
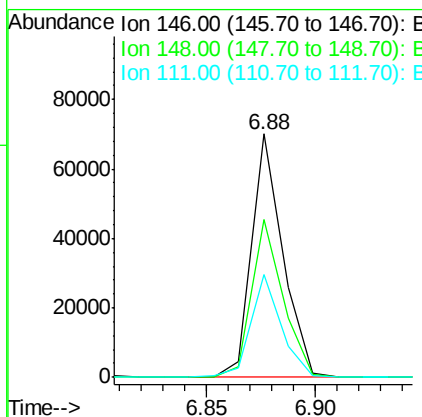
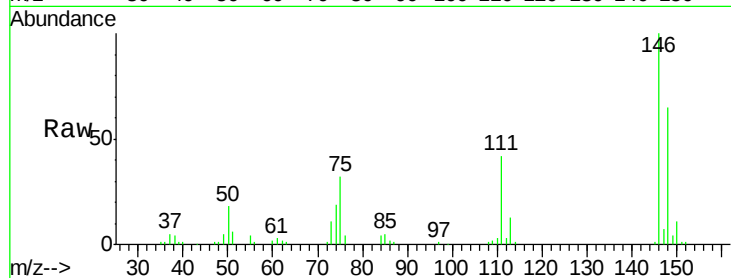




#13
 1,4-Dichlorobenzene
 Concen: 31.74 ng
 RT: 6.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

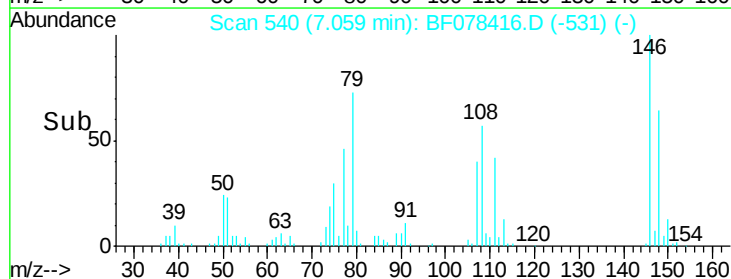
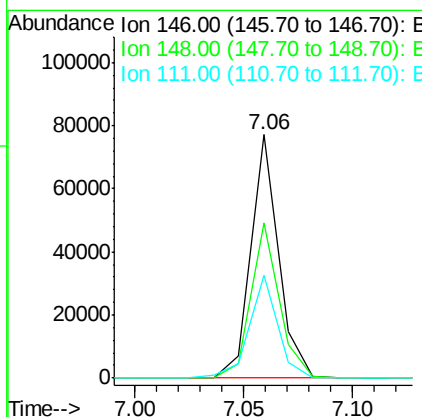
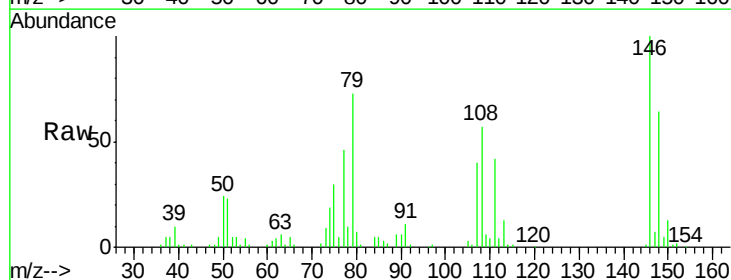
Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

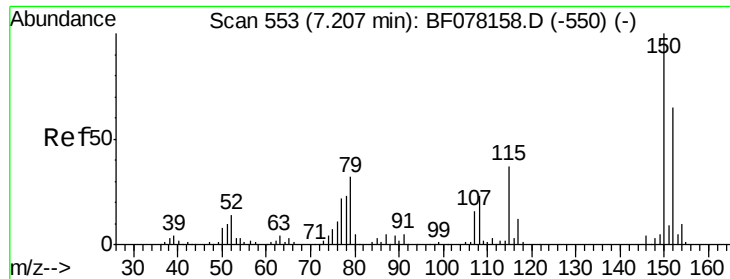
Tgt Ion:146 Resp: 69858
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 42.3 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 33.09 ng
 RT: 7.06 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:146 Resp: 68292
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.4
 111 42.3 36.1 54.1

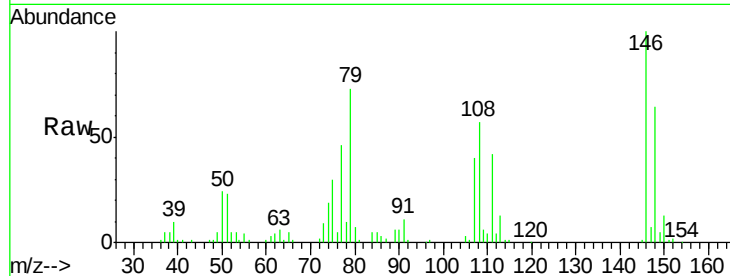




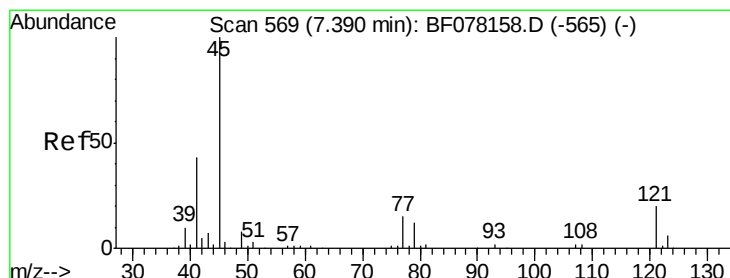
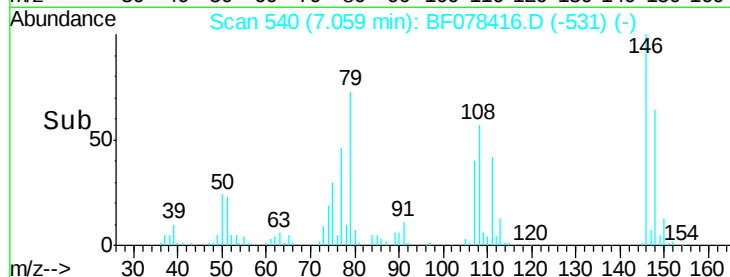
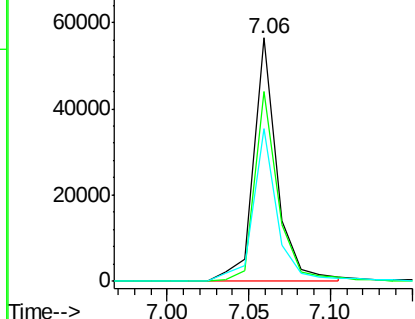
#15
Benzyl Alcohol
Concen: 38.23 ng
RT: 7.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion: 79 Resp: 56677
Ion Ratio Lower Upper
79 100
108 77.9 57.6 86.4
77 62.7 53.5 80.3

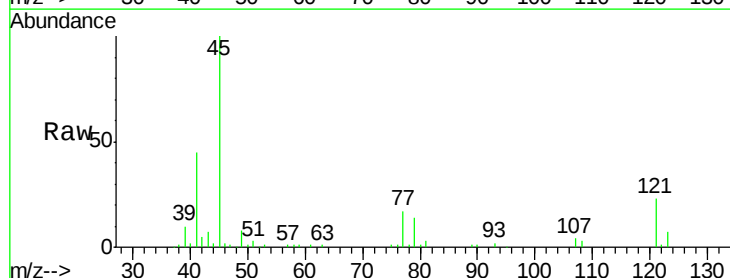


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

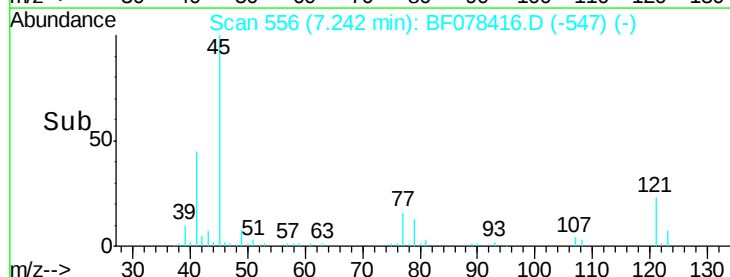
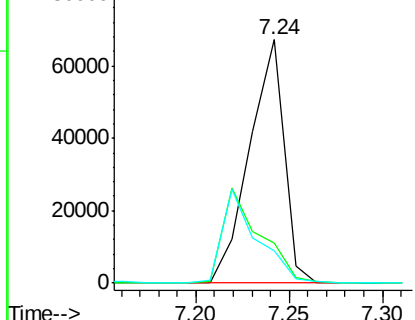


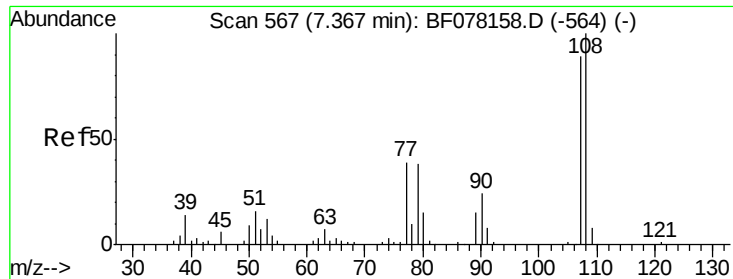
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.65 ng
RT: 7.24 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion: 45 Resp: 86447
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.5
79 13.5 0.0 31.9



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

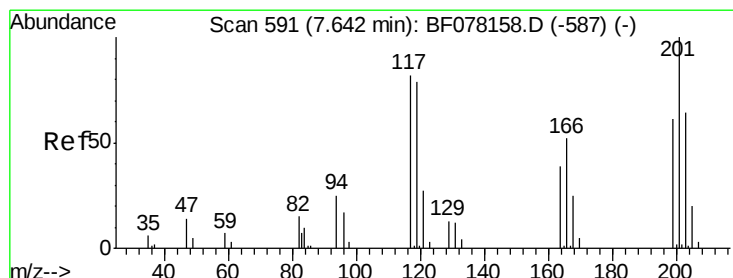
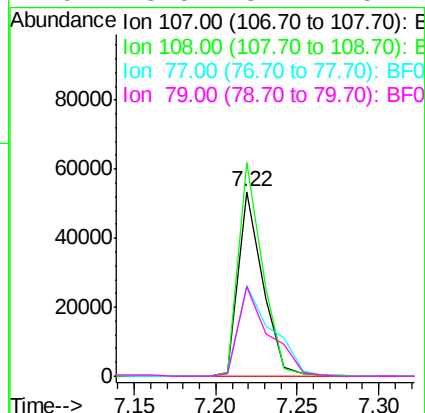
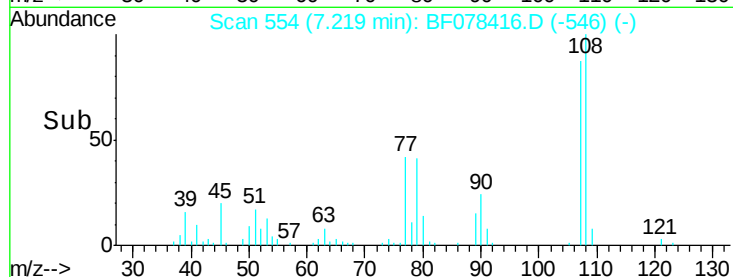
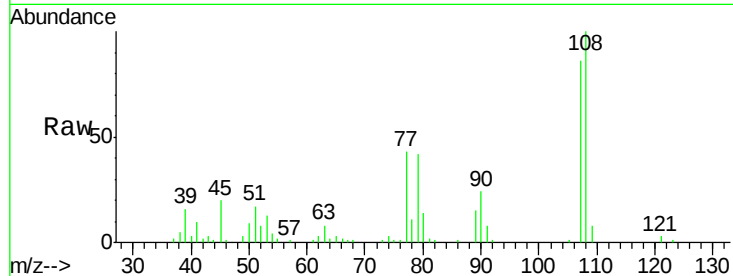




#17
2-Methylphenol
Concen: 35.75 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

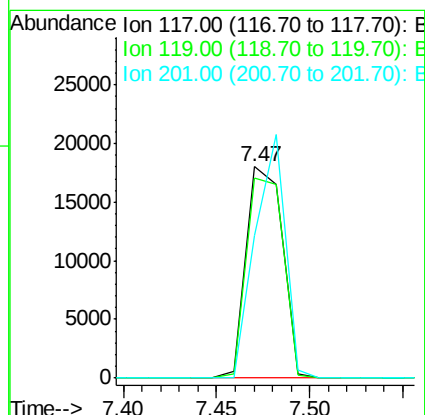
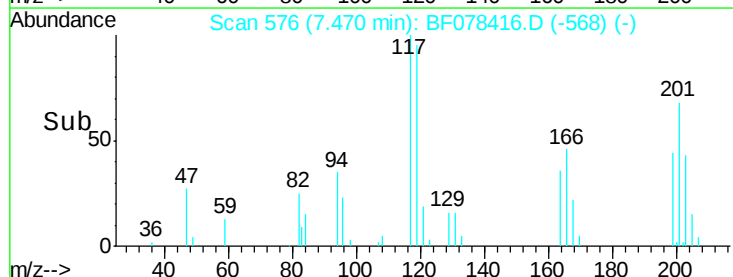
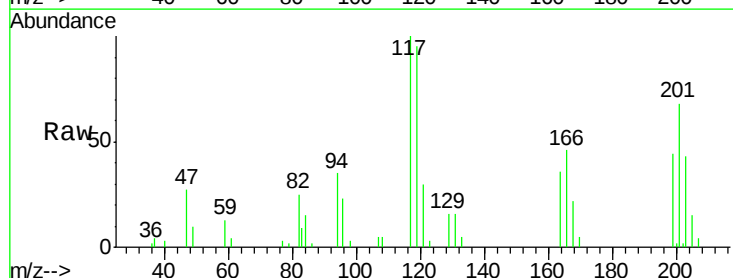
Instrument :
BNA_F
ClientSampleId :
OS-1AMS

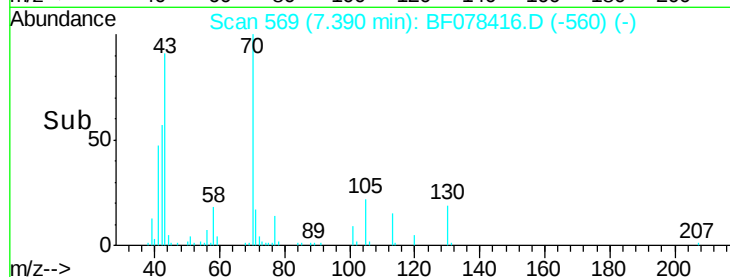
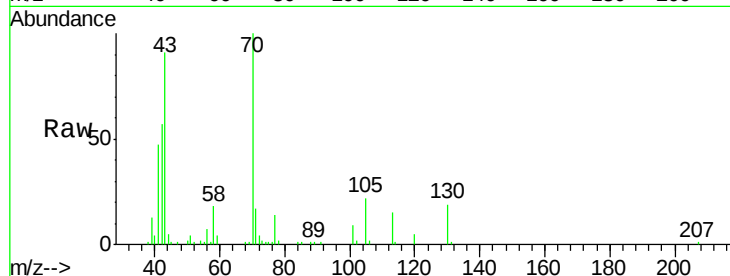
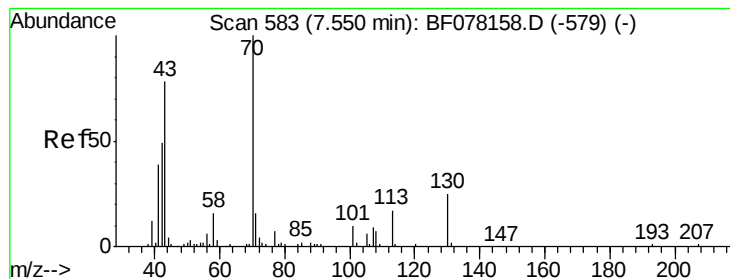
Tgt Ion:107 Resp: 55249
Ion Ratio Lower Upper
107 100
108 115.7 90.3 135.5
77 49.3 35.5 53.3
79 48.5 34.2 51.4



#18
Hexachloroethane
Concen: 32.73 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:117 Resp: 24295
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6
201 67.5 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 35.07 ng

RT: 7.39 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

Tgt Ion: 70 Resp: 48818

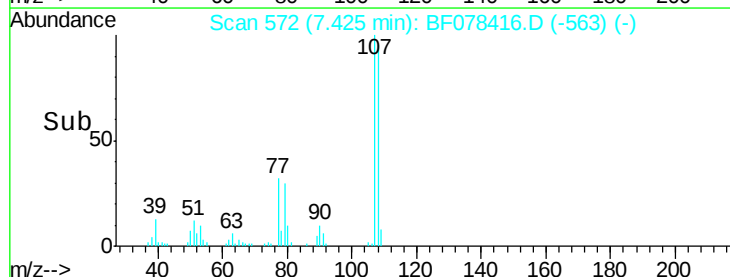
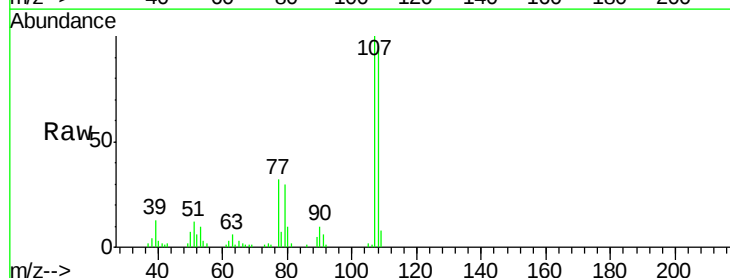
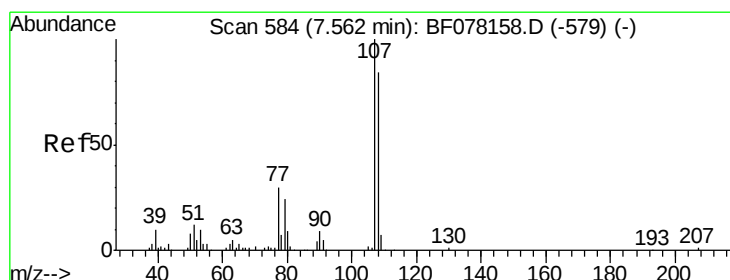
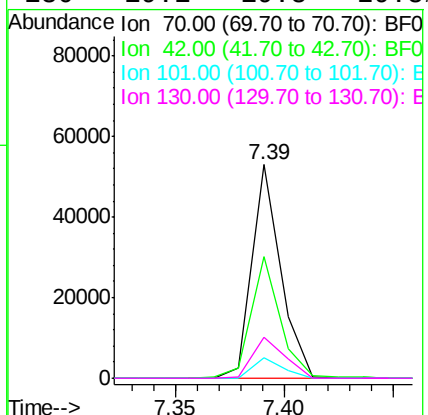
Ion Ratio Lower Upper

70 100

42 57.2 38.9 58.3

101 9.4 8.3 12.5

130 19.1 19.8 29.8#



#20

3+4-Methylphenols

Concen: 35.31 ng

RT: 7.42 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Tgt Ion: 107 Resp: 72811

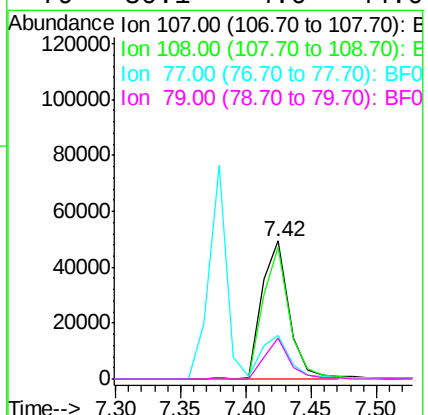
Ion Ratio Lower Upper

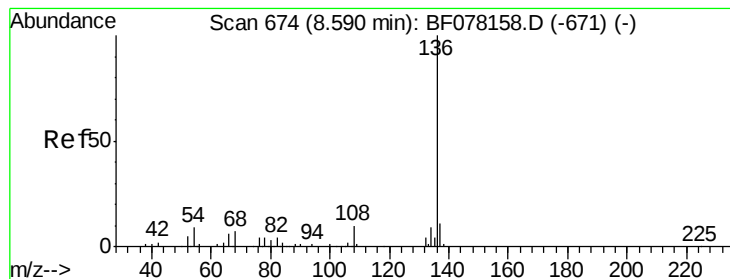
107 100

108 95.3 64.4 104.4

77 31.9 9.7 49.7

79 30.1 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

Tgt Ion:136 Resp: 113134

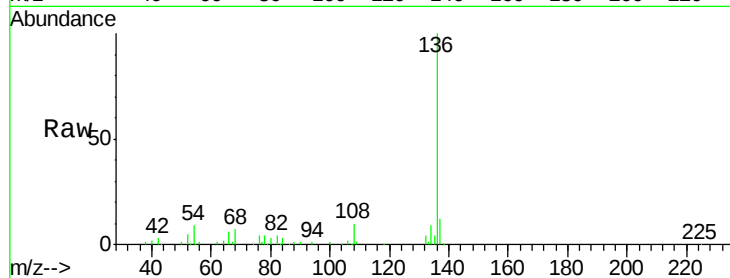
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 9.2 7.0 10.6

68 7.4 5.4 8.2

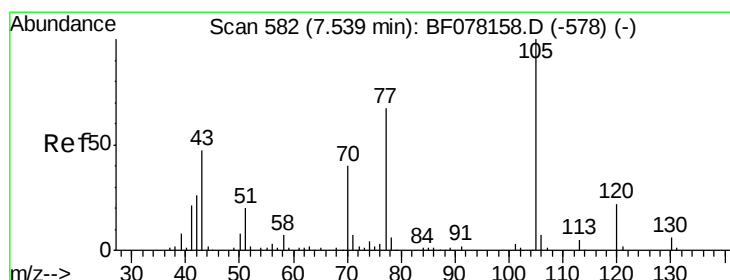
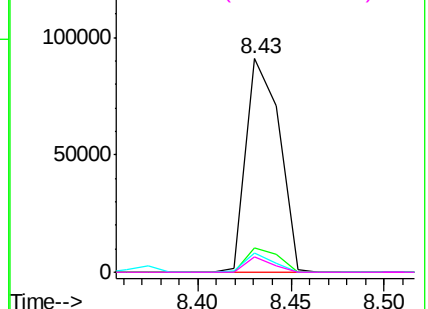
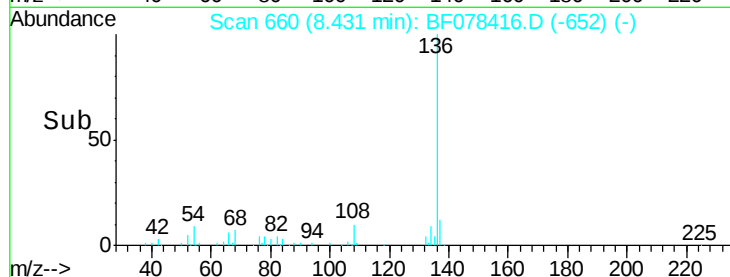


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.06 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Tgt Ion:105 Resp: 95054

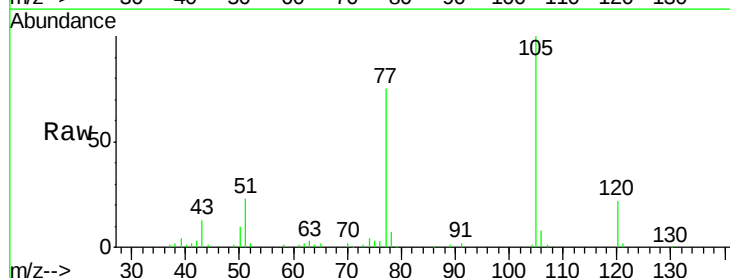
Ion Ratio Lower Upper

105 100

71 0.4 5.5 8.3#

51 23.2 16.0 24.0

120 22.0 17.8 26.6

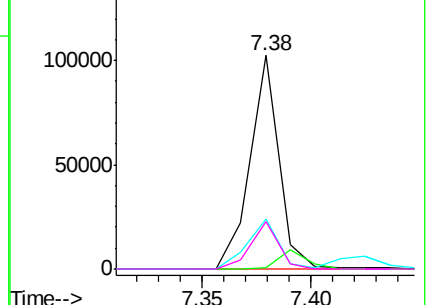
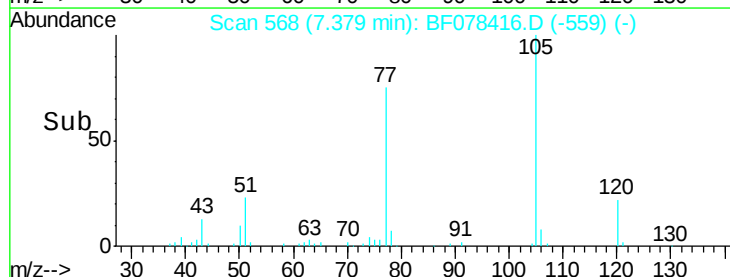


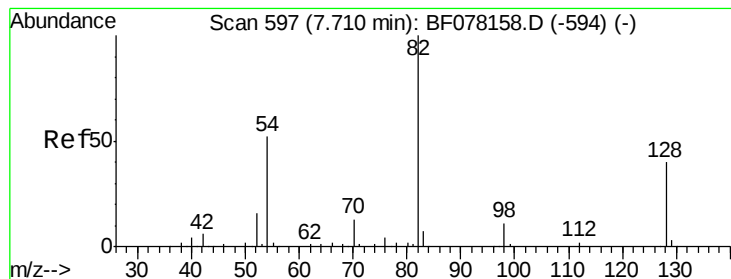
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.34 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

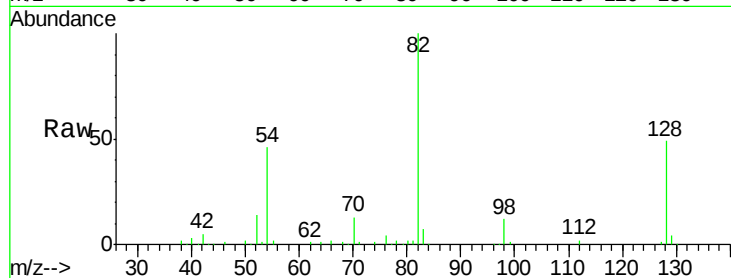
Tgt Ion: 82 Resp: 136887

Ion Ratio Lower Upper

82 100

128 49.5 31.8 47.8#

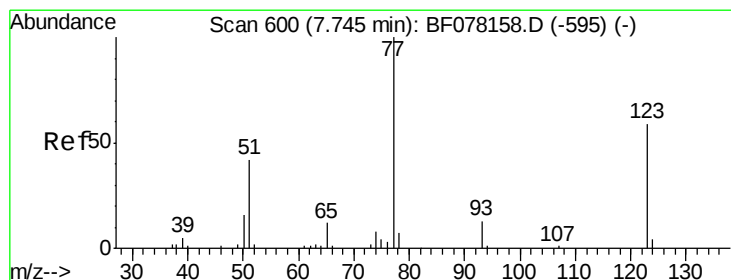
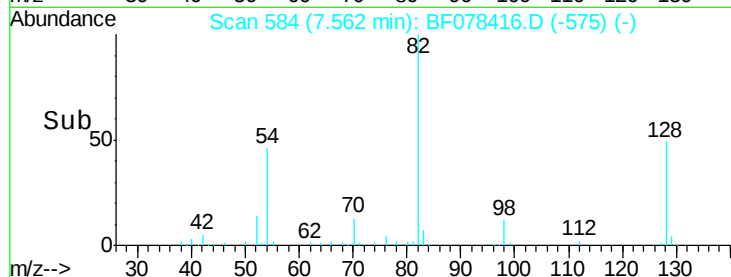
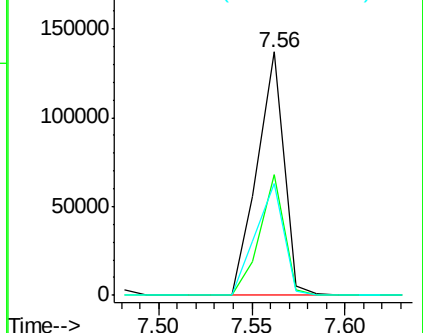
54 45.8 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.95 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

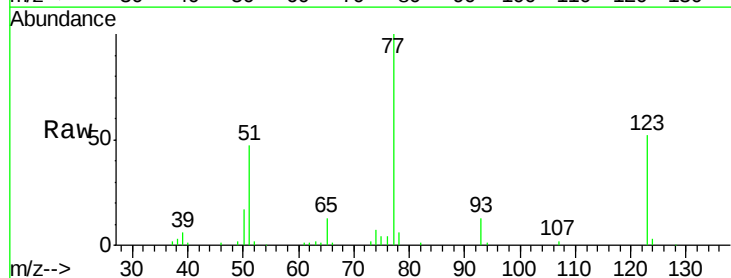
Tgt Ion: 77 Resp: 70139

Ion Ratio Lower Upper

77 100

123 51.7 46.9 70.3

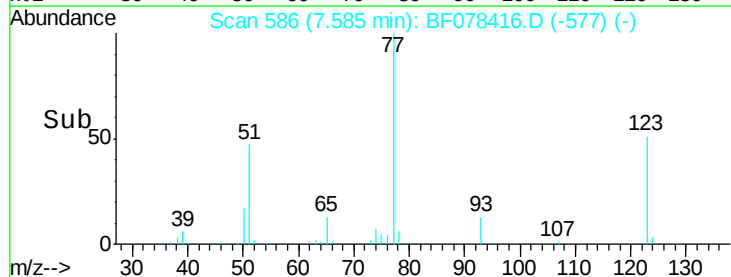
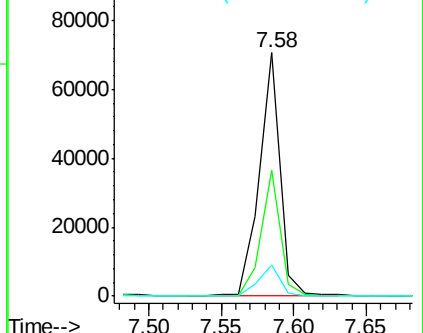
65 12.8 9.5 14.3

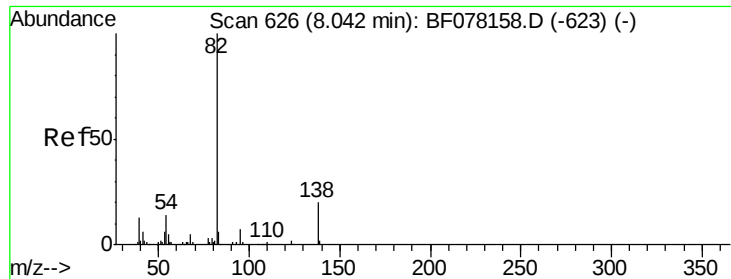


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.56 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

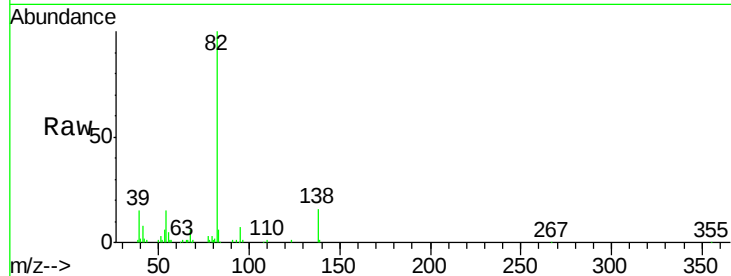
Tgt Ion: 82 Resp: 129524

Ion Ratio Lower Upper

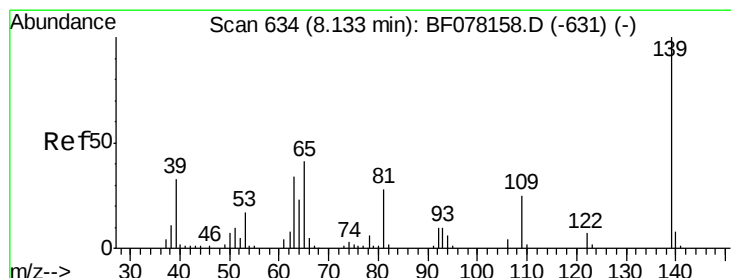
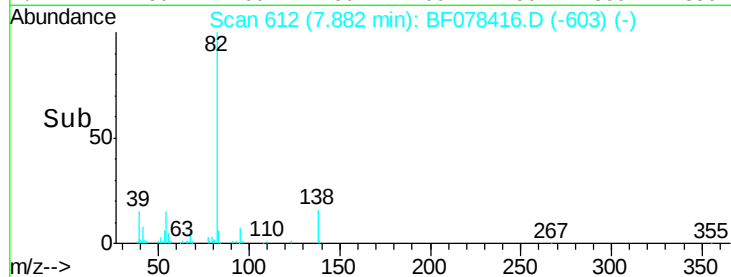
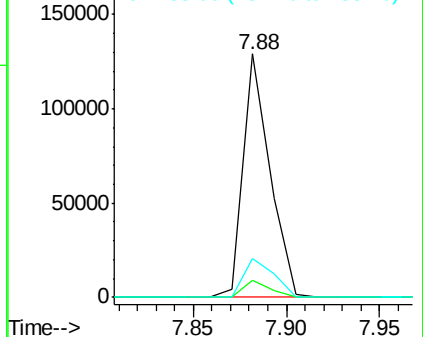
82 100

95 7.2 5.7 8.5

138 15.8 15.8 23.8#



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



#26

2-Nitrophenol

Concen: 34.46 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

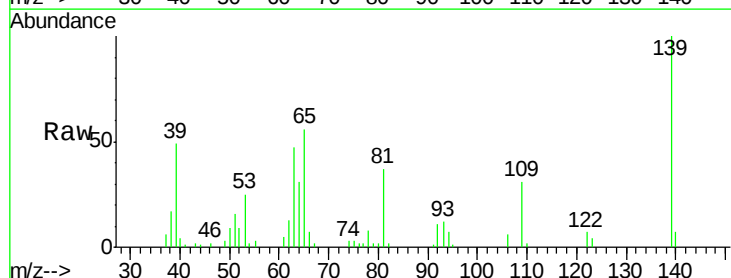
Tgt Ion: 139 Resp: 32041

Ion Ratio Lower Upper

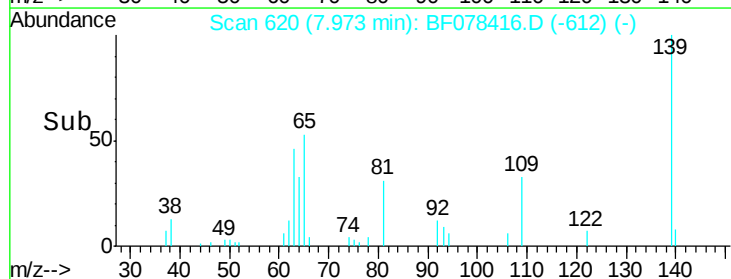
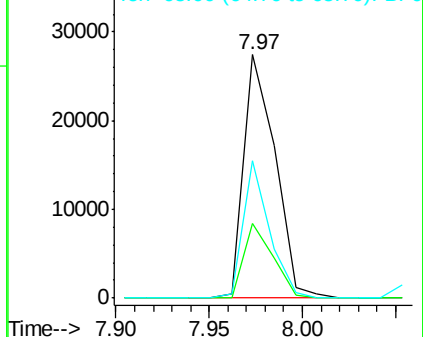
139 100

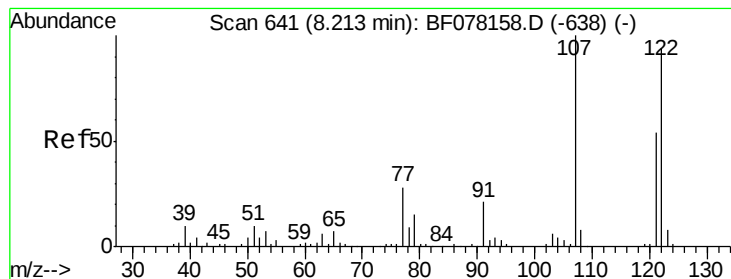
109 30.7 19.8 29.8#

65 56.3 32.7 49.1#



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





#27

2,4-Dimethylphenol

Concen: 37.26 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

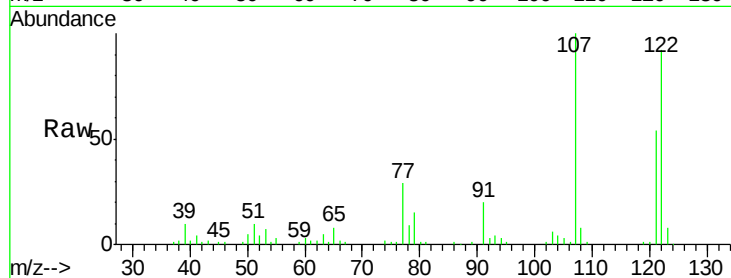
Tgt Ion:122 Resp: 64420

Ion Ratio Lower Upper

122 100

107 108.2 84.6 127.0

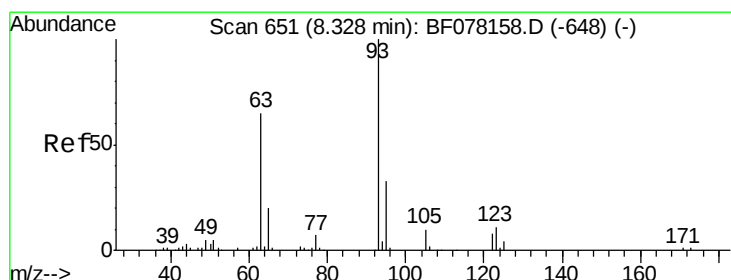
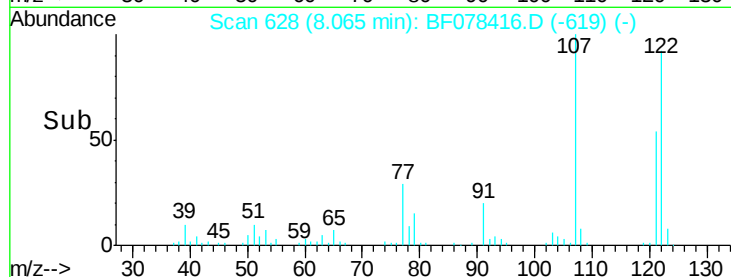
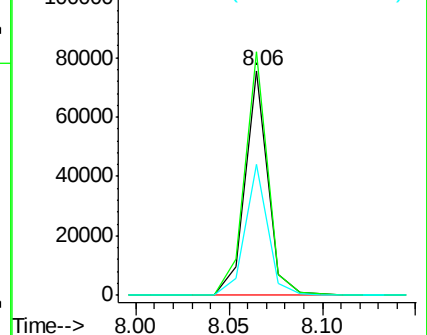
121 58.1 46.0 69.0



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: 37.59 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

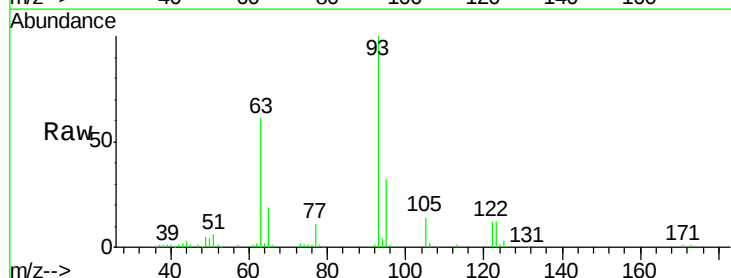
Tgt Ion: 93 Resp: 85376

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

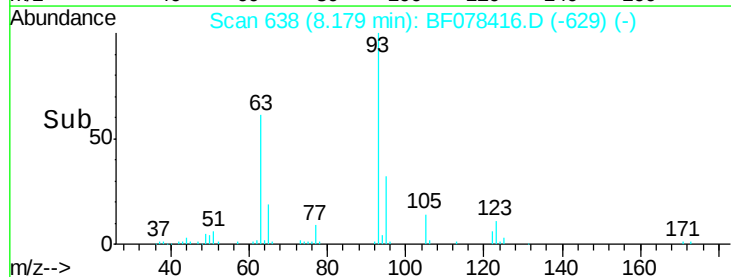
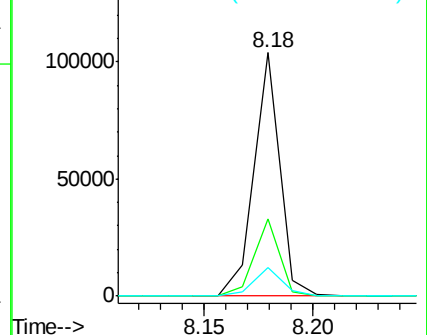
123 11.9 9.1 13.7

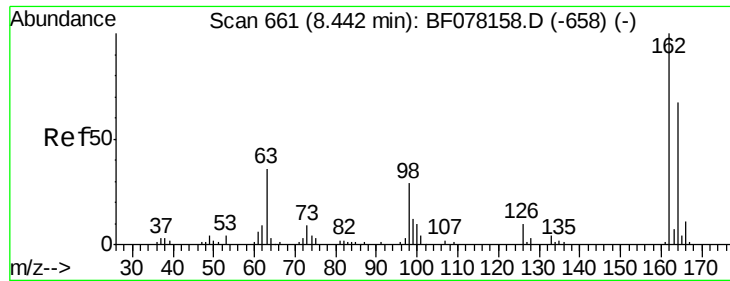


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

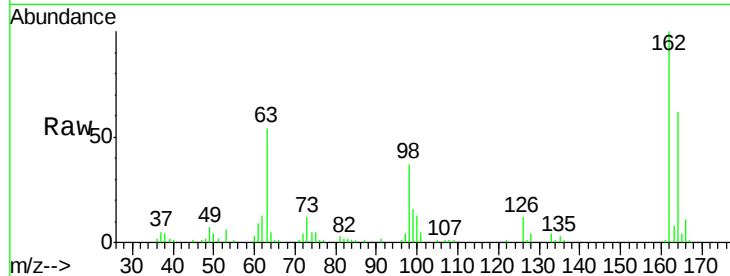




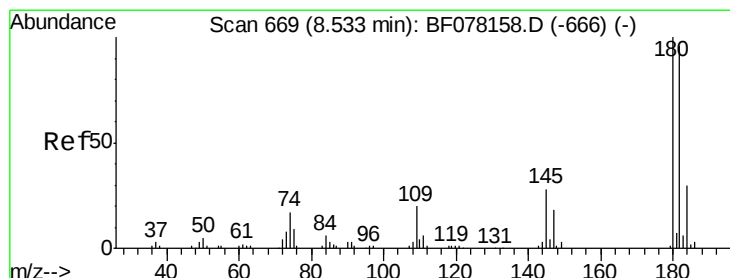
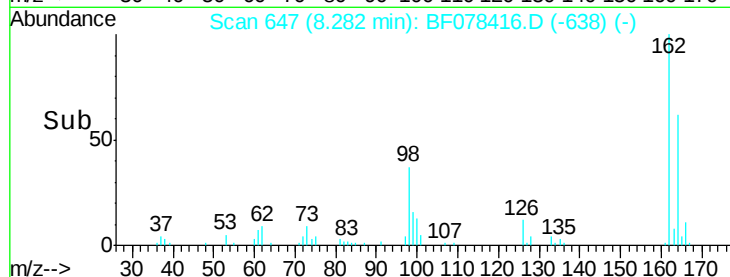
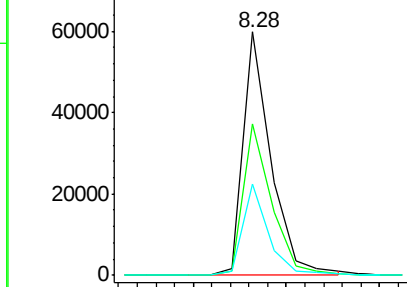
#29
 2,4-Dichlorophenol
 Concen: 39.39 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	47.0	87.0
98	37.4	9.2	49.2

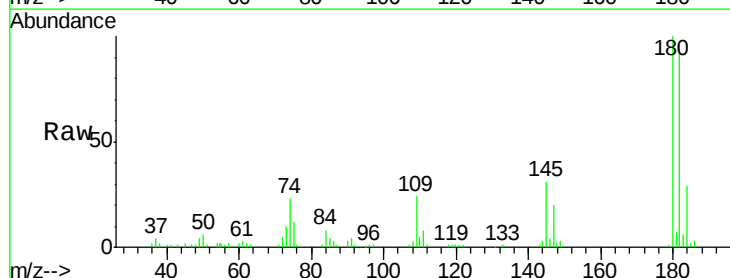


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

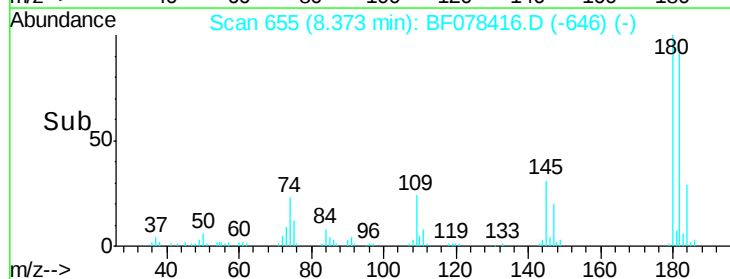
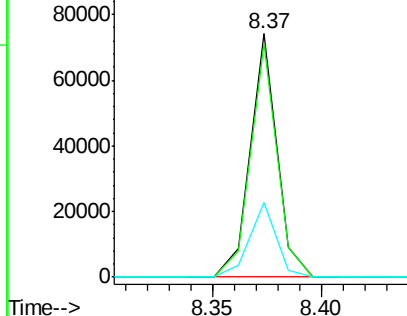


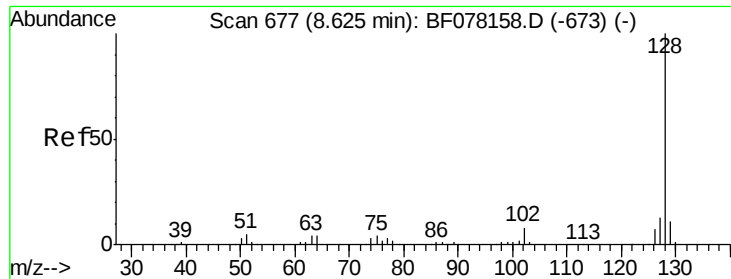
#30
 1,2,4-Trichlorobenzene
 Concen: 34.96 ng
 RT: 8.37 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	30.7	22.5	33.7



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

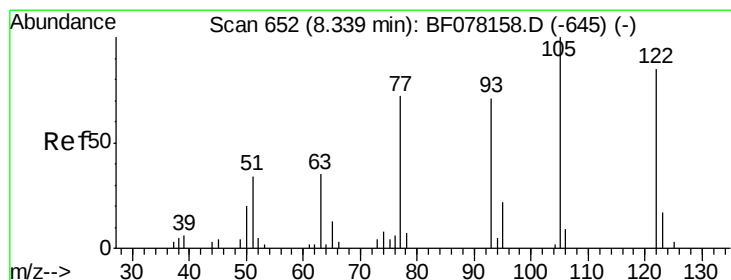
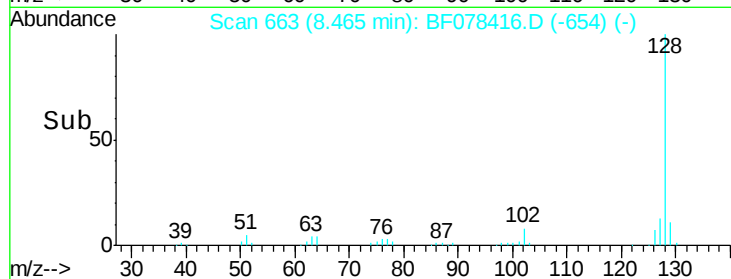
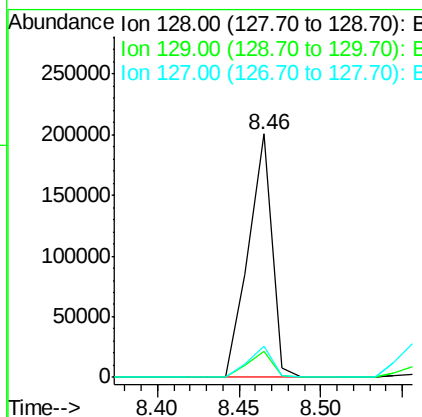
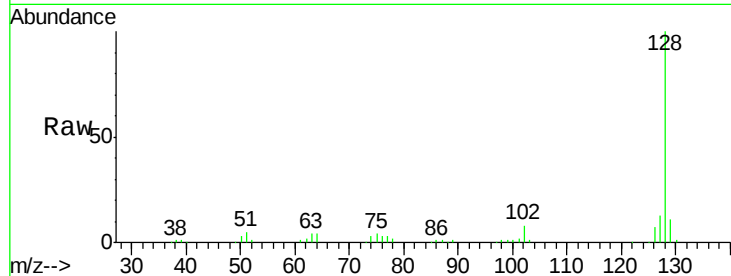




#31
Naphthalene
Concen: 34.33 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

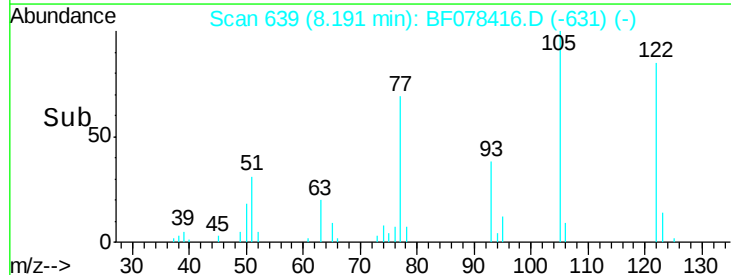
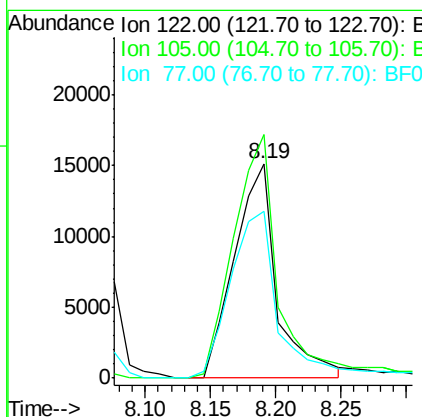
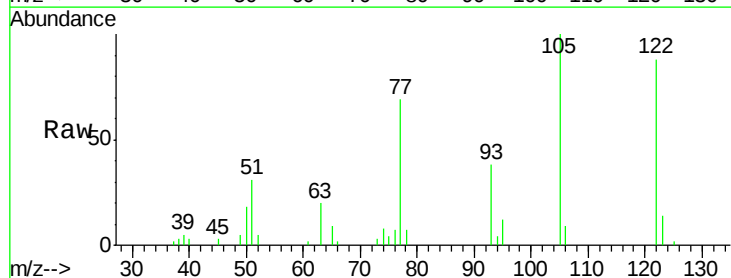
Instrument :
BNA_F
ClientSampleId :
OS-1AMS

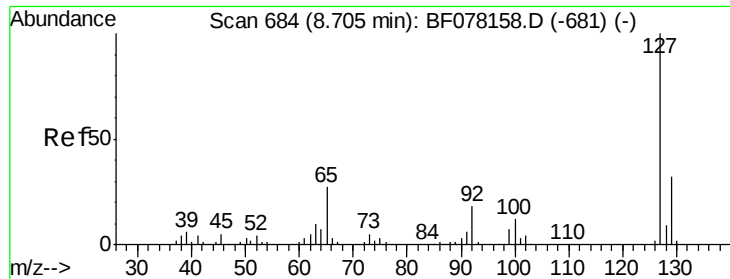
Tgt Ion:128 Resp: 202136
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.6 10.7 16.1



#32
Benzoic acid
Concen: 43.11 ng
RT: 8.19 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:122 Resp: 34506
Ion Ratio Lower Upper
122 100
105 113.5 96.1 136.1
77 77.9 64.1 104.1

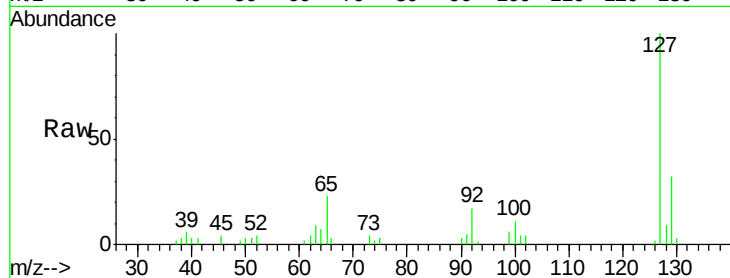




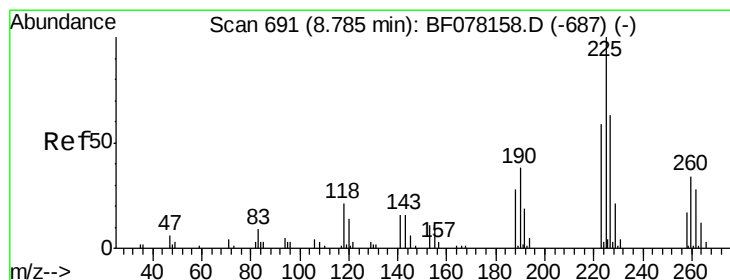
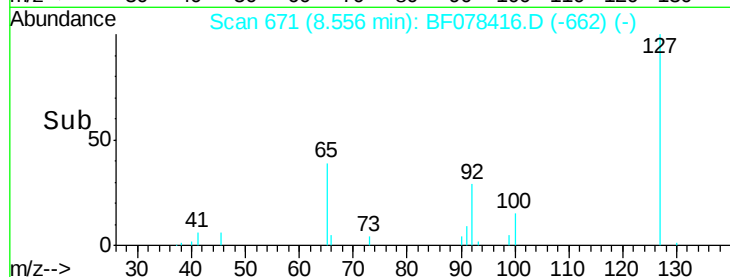
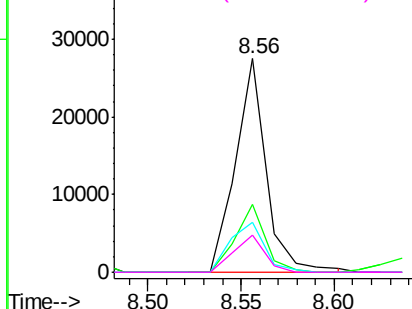
#33
 4-Chloroaniline
 Concen: 12.95 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:127 Resp: 31644
 Ion Ratio Lower Upper
 127 100
 129 31.8 25.5 38.3
 65 23.3 21.7 32.5
 92 17.3 14.6 21.8

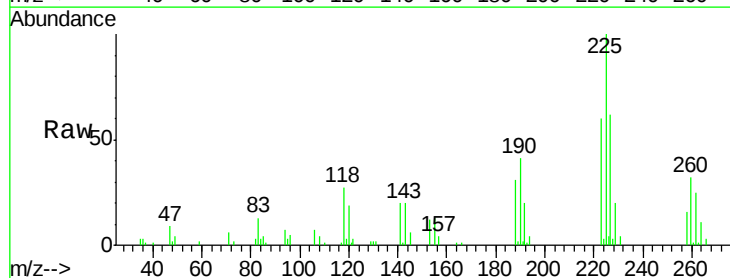


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

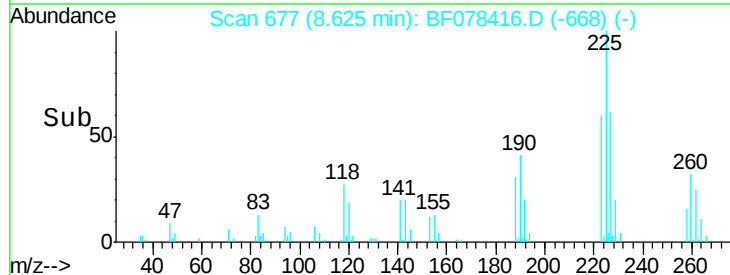
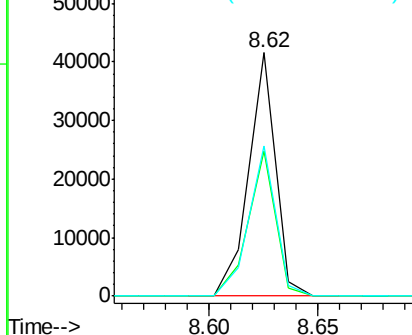


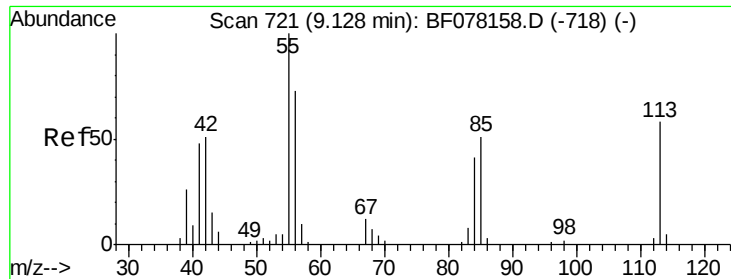
#34
 Hexachlorobutadiene
 Concen: 35.94 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:225 Resp: 35588
 Ion Ratio Lower Upper
 225 100
 223 59.7 47.5 71.3
 227 61.9 50.2 75.2



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

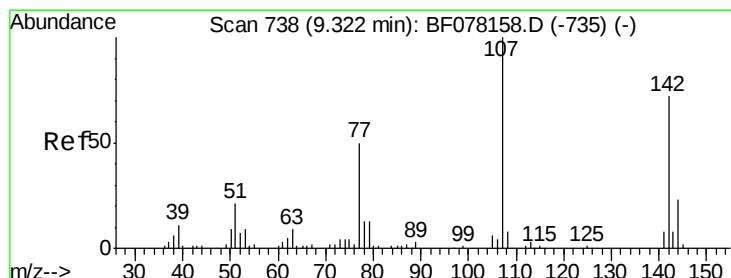
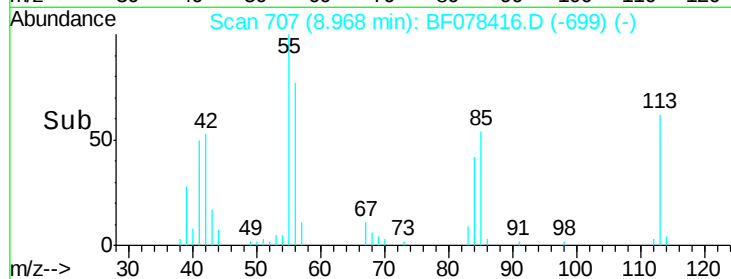
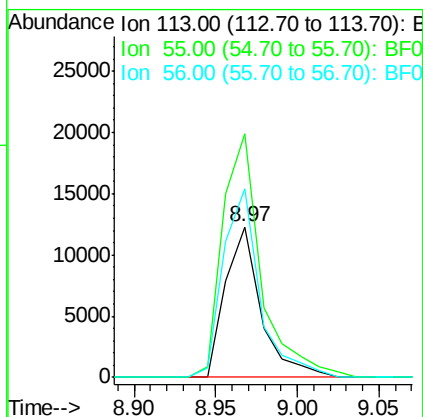
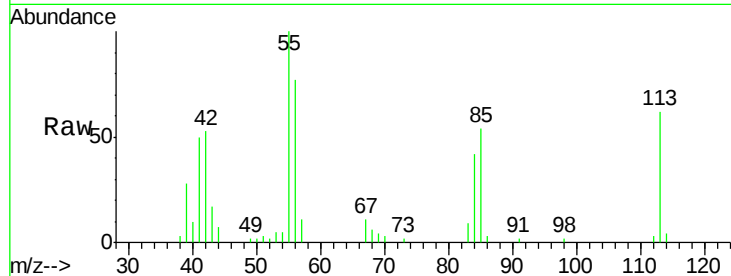




#35
 Caprolactam
 Concen: 39.63 ng
 RT: 8.97 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

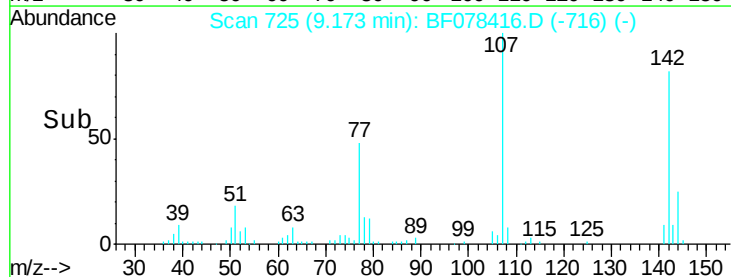
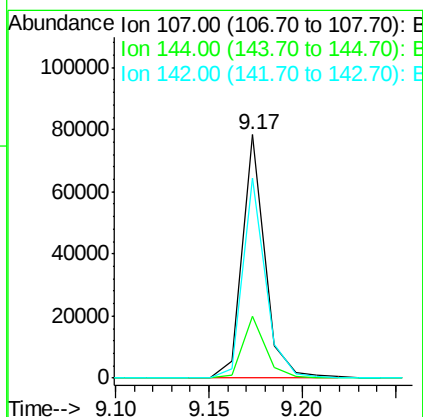
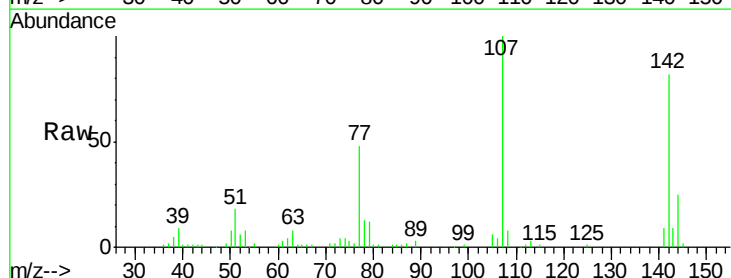
Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

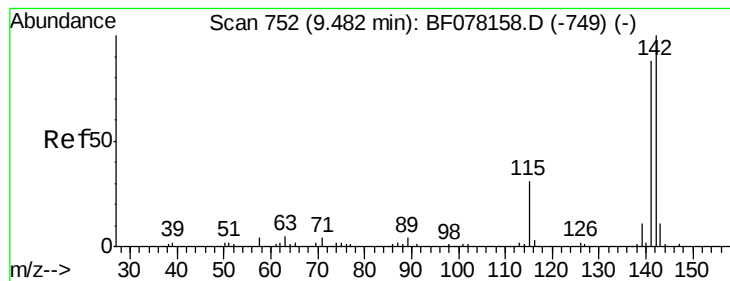
Tgt Ion:113 Resp: 18610
 Ion Ratio Lower Upper
 113 100
 55 161.4 151.9 191.9
 56 124.8 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.04 ng
 RT: 9.17 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:107 Resp: 66728
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.2 27.2
 142 82.2 58.0 87.0





#37

2-Methylnaphthalene

Concen: 35.31 ng

RT: 9.32 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

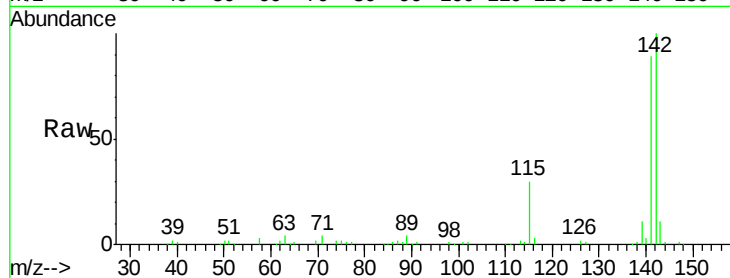
Tgt Ion:142 Resp: 141178

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

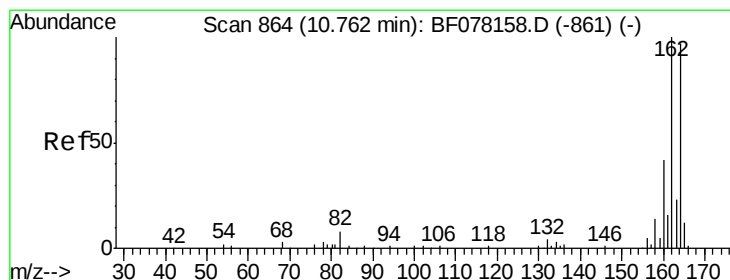
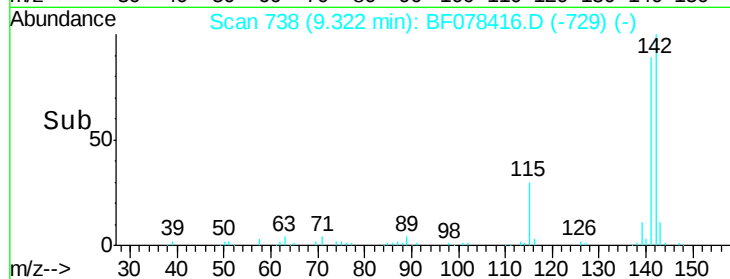
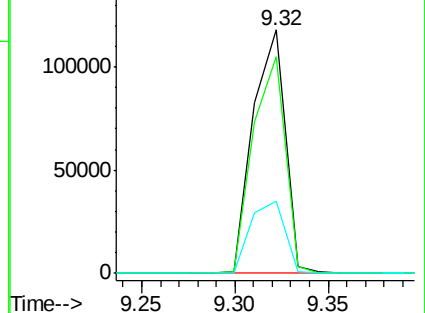
115 29.5 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

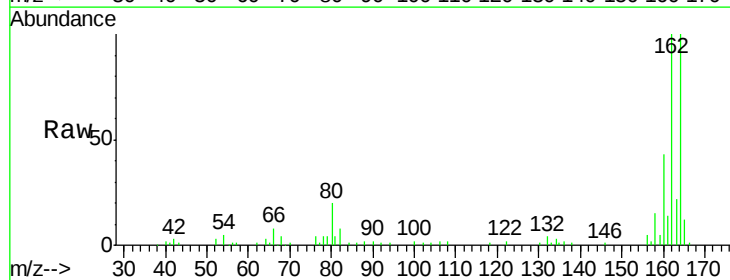
Tgt Ion:164 Resp: 64076

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

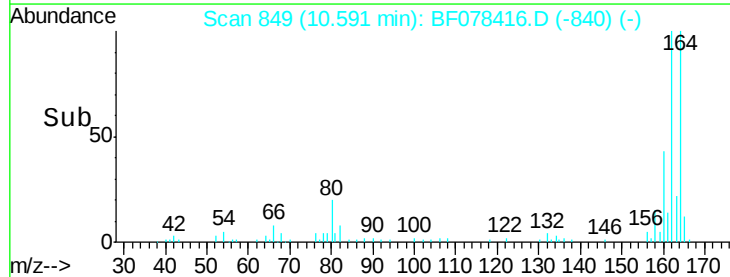
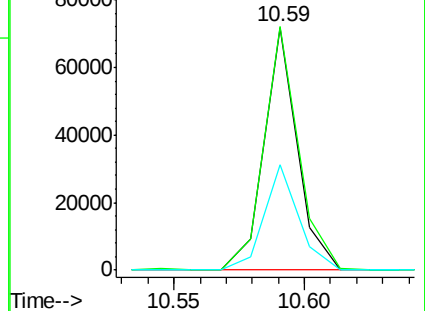
160 43.7 34.7 52.1

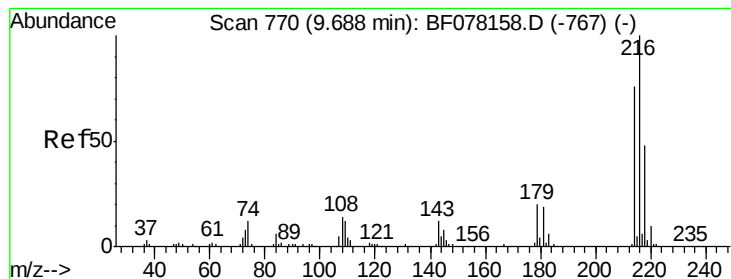


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.24 ng

RT: 9.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

Tgt Ion:216 Resp: 62015

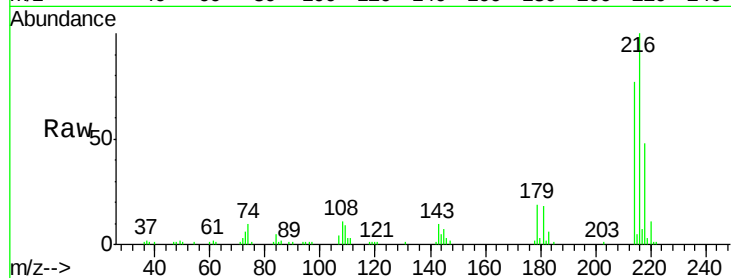
Ion Ratio Lower Upper

216 100

214 77.5 62.0 93.0

179 21.6 17.3 25.9

108 20.0 14.6 21.8

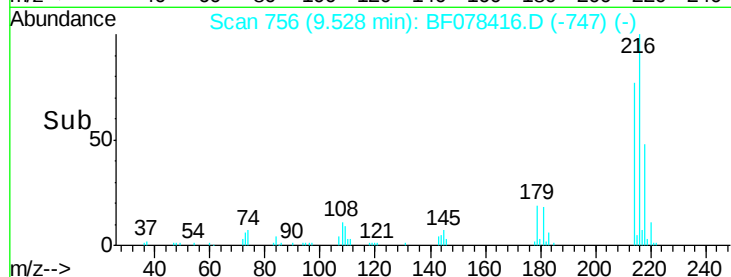


Abundance Ion 216.00 (215.70 to 216.70): E

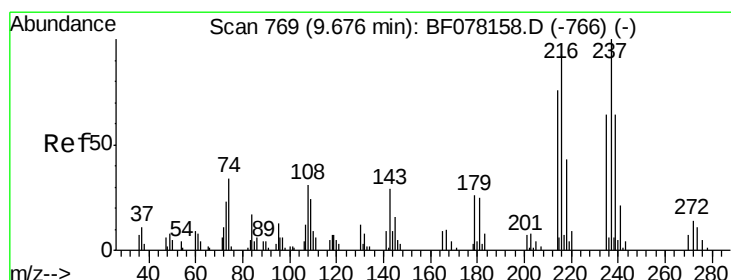
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 58.40 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

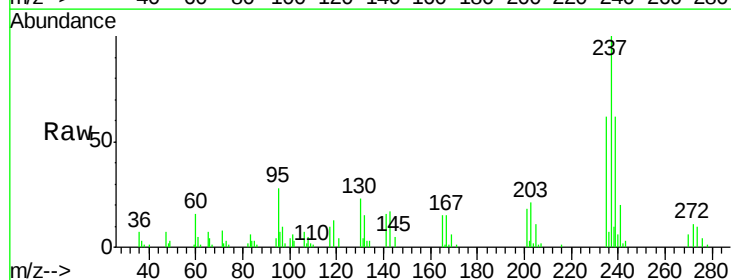
Tgt Ion:237 Resp: 48197

Ion Ratio Lower Upper

237 100

235 62.4 44.1 84.1

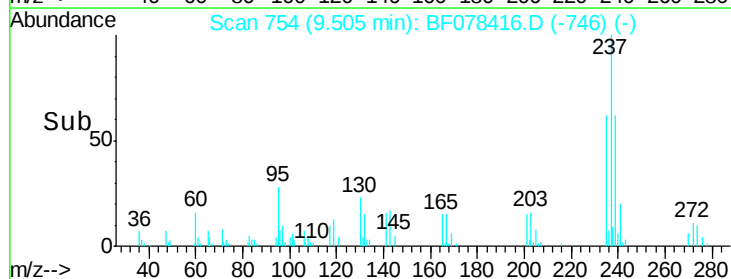
272 11.2 0.0 34.4



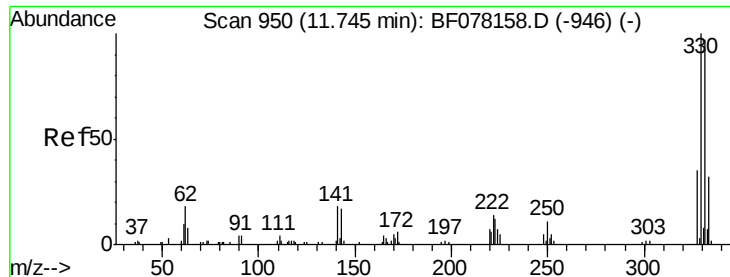
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 118.29 ng

RT: 11.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

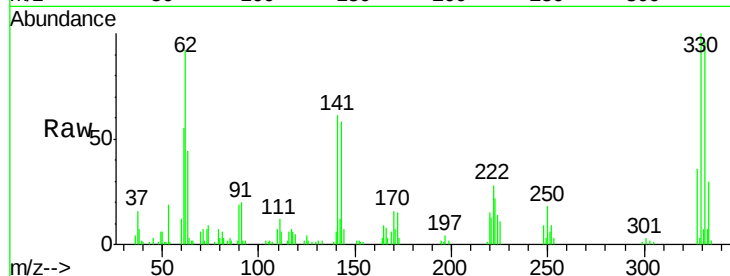
Tgt Ion:330 Resp: 62862

Ion Ratio Lower Upper

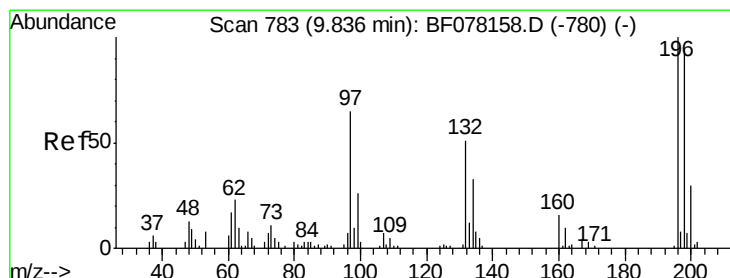
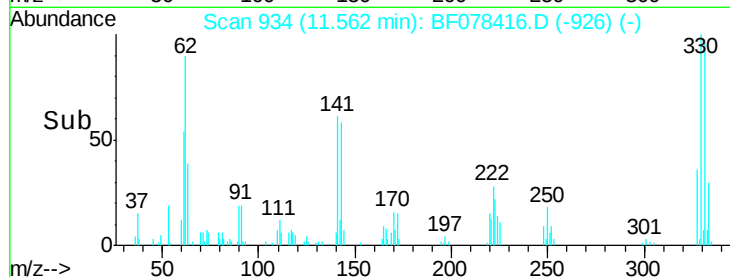
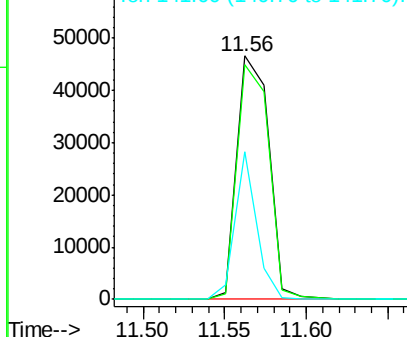
330 100

332 96.4 78.6 117.8

141 40.7 31.2 46.8



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



#42

2,4,6-Trichlorophenol

Concen: 35.61 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

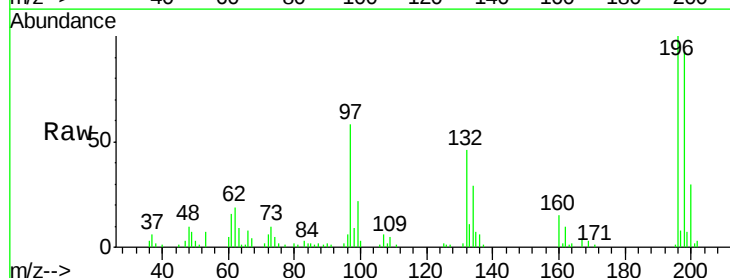
Tgt Ion:196 Resp: 44584

Ion Ratio Lower Upper

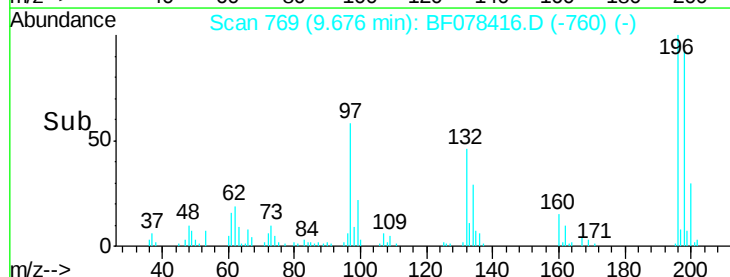
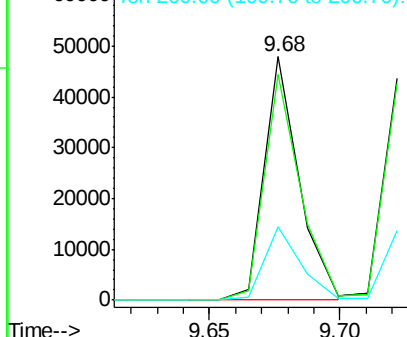
196 100

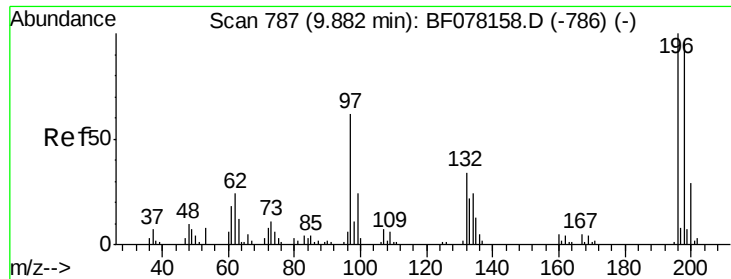
198 92.6 75.4 113.2

200 30.2 24.0 36.0



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

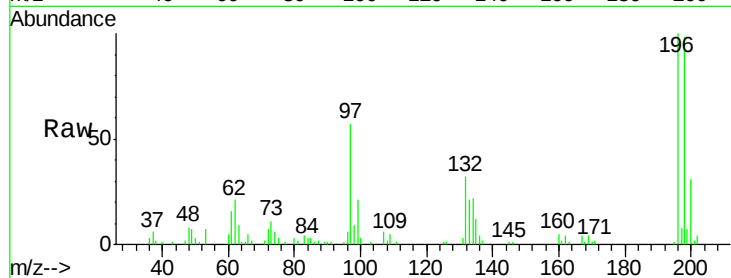




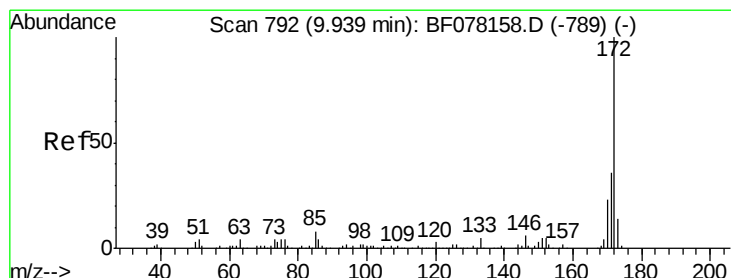
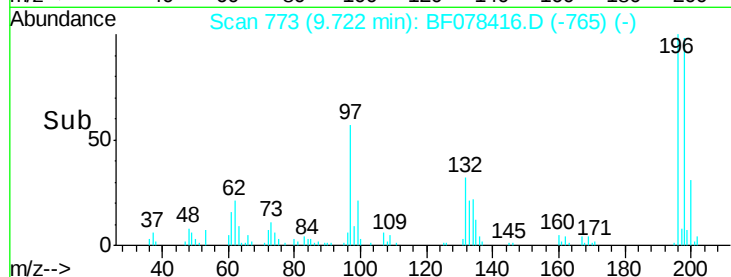
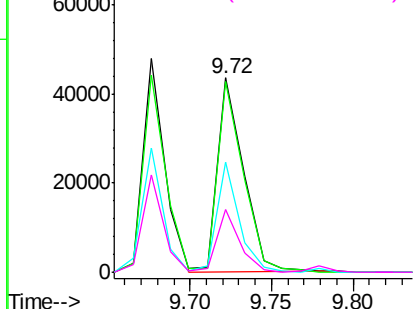
#43
 2,4,5-Trichlorophenol
 Concen: 36.25 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:196 Resp: 47415
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 115.0
 97 56.7 50.6 75.8
 132 32.5 27.7 41.5

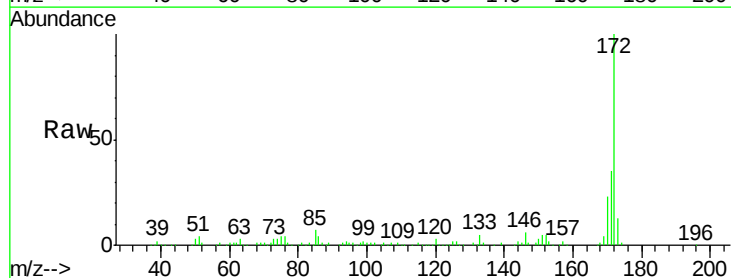


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

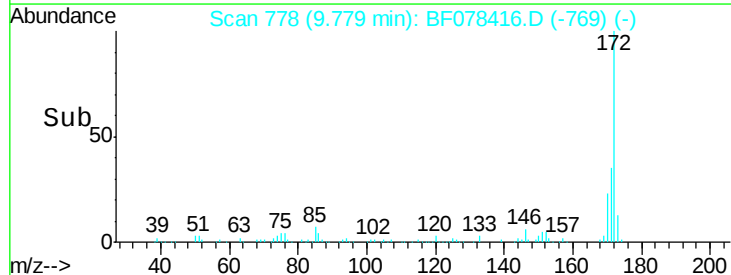
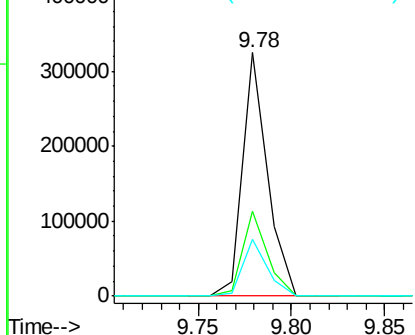


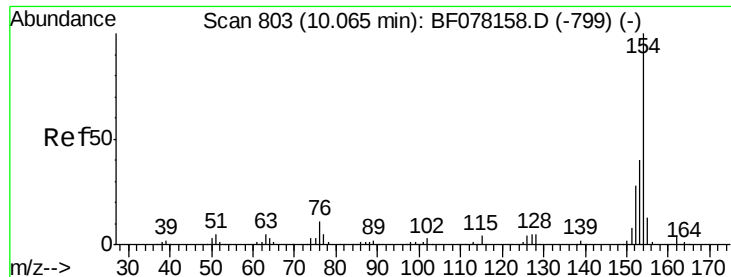
#44
 2-Fluorobiphenyl
 Concen: 67.13 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:172 Resp: 300939
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.2 18.5 27.7



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

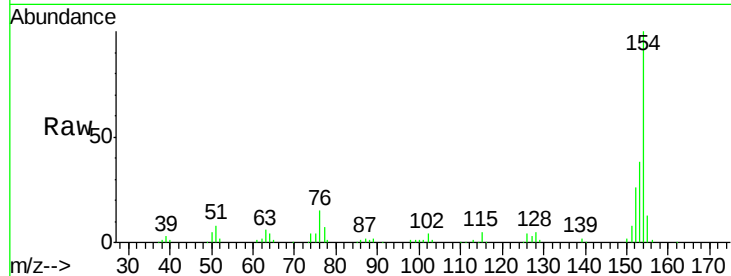




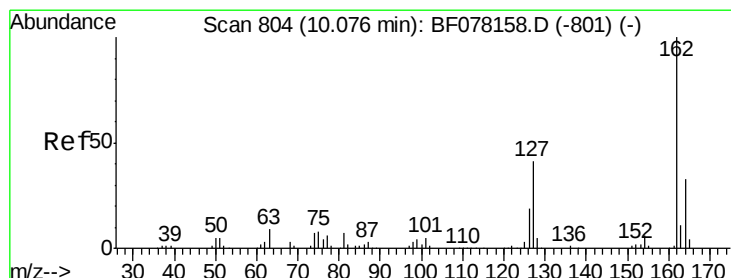
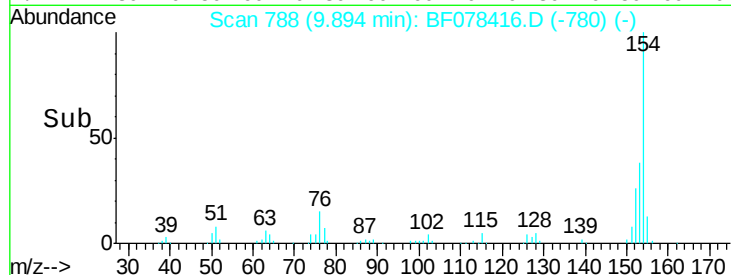
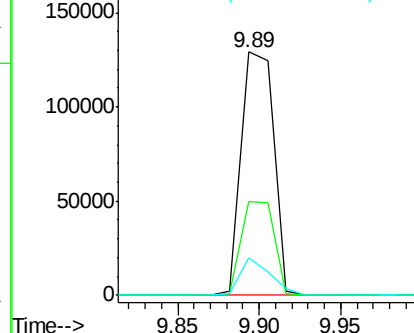
#45
1,1'-Biphenyl
Concen: 33.82 ng
RT: 9.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion:154 Resp: 177256
Ion Ratio Lower Upper
154 100
153 38.5 20.0 60.0
76 15.2 0.0 30.6

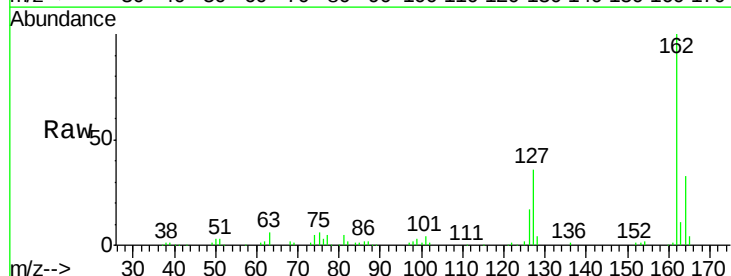


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

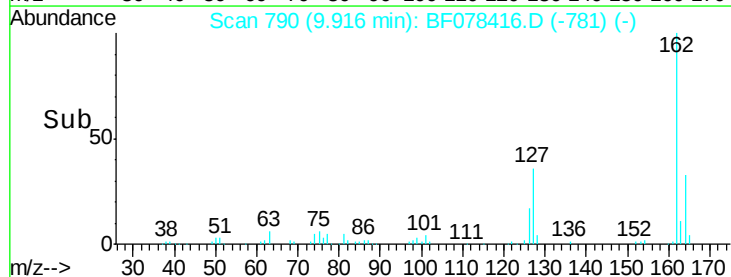
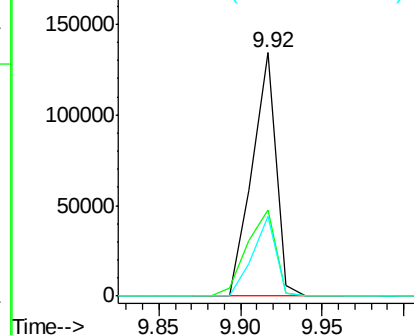


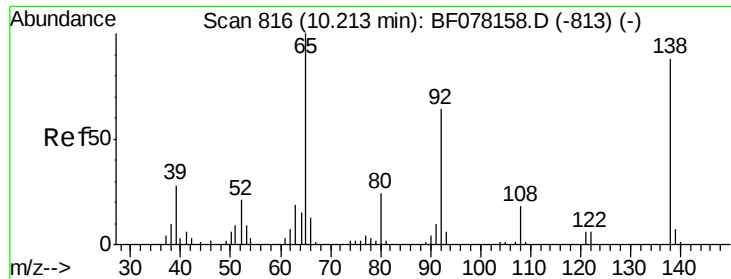
#46
2-Chloronaphthalene
Concen: 33.14 ng
RT: 9.92 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:162 Resp: 136656
Ion Ratio Lower Upper
162 100
127 35.5 32.6 49.0
164 33.0 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

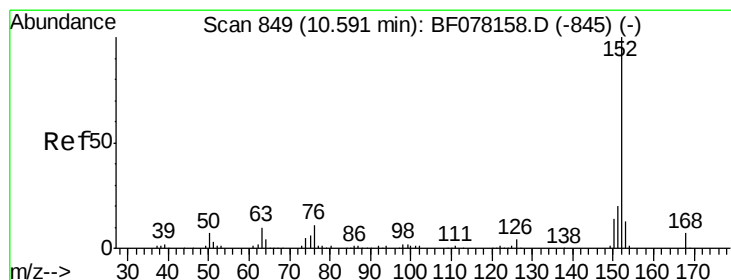
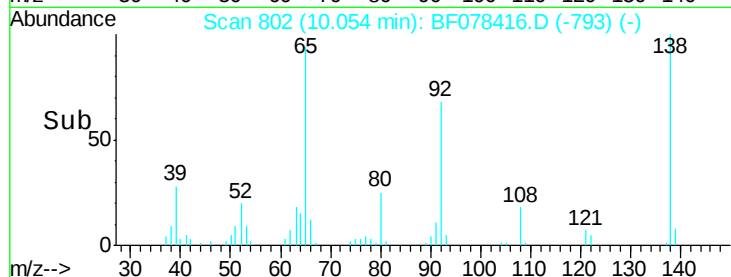
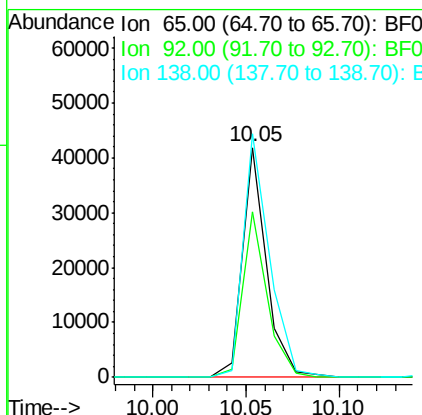
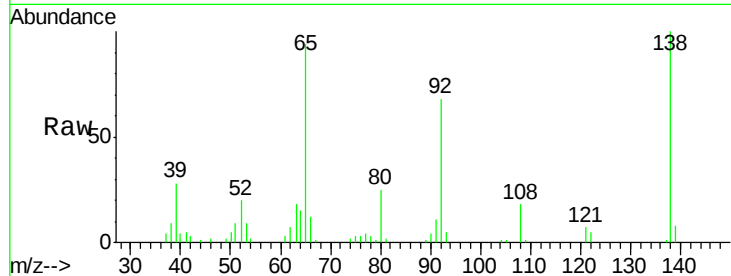




#47
2-Nitroaniline
Concen: 36.87 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

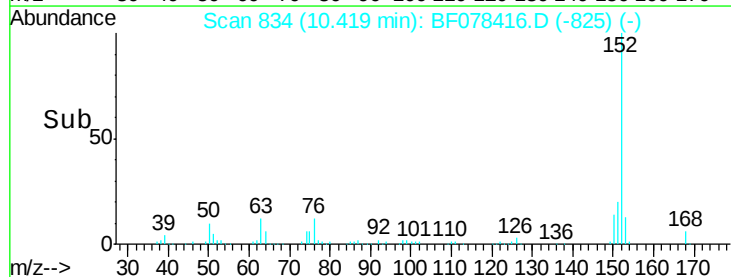
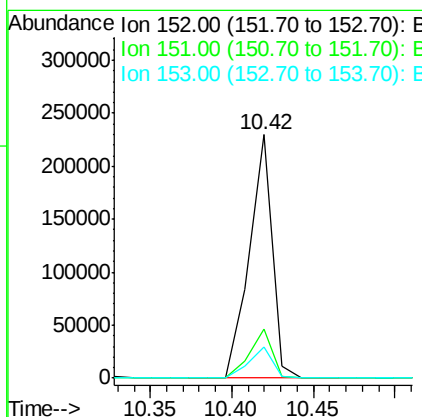
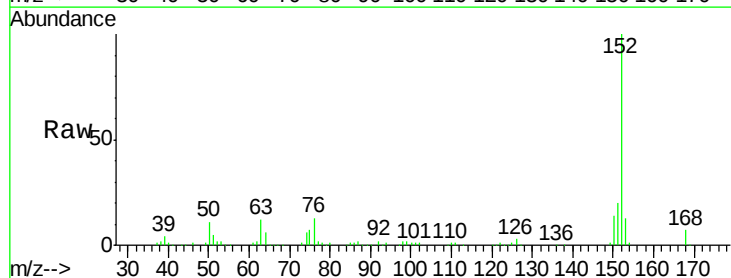
Instrument :
BNA_F
ClientSampleId :
OS-1AMS

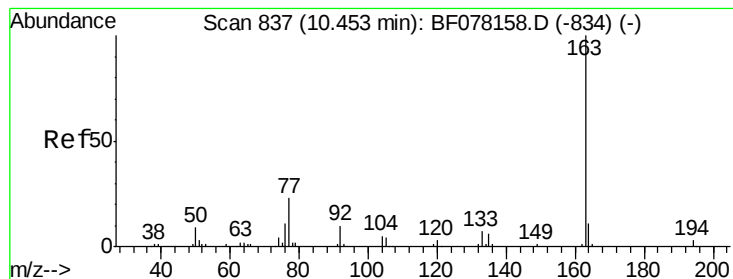
Tgt Ion: 65 Resp: 37615
Ion Ratio Lower Upper
65 100
92 72.2 51.3 76.9
138 105.9 70.4 105.6#



#48
Acenaphthylene
Concen: 33.55 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion: 152 Resp: 223418
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.8 10.2 15.2





#49

Dimethylphthalate

Concen: 39.19 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampled :

OS-1AMS

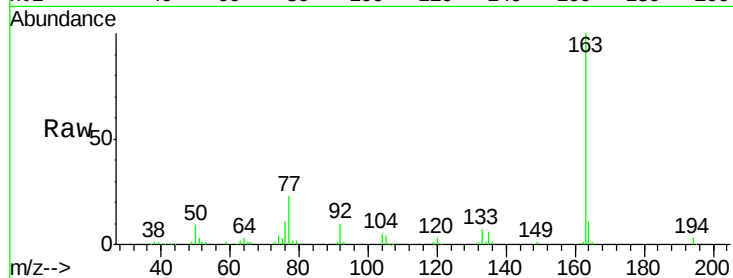
Tgt Ion:163 Resp: 188672

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

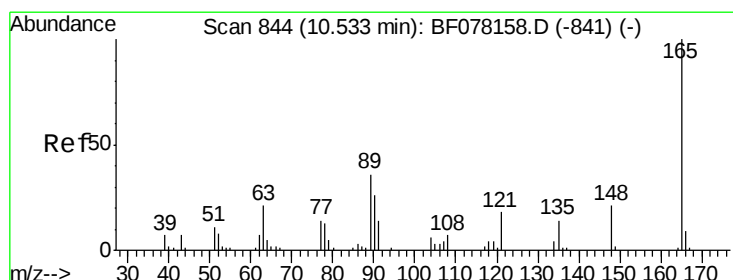
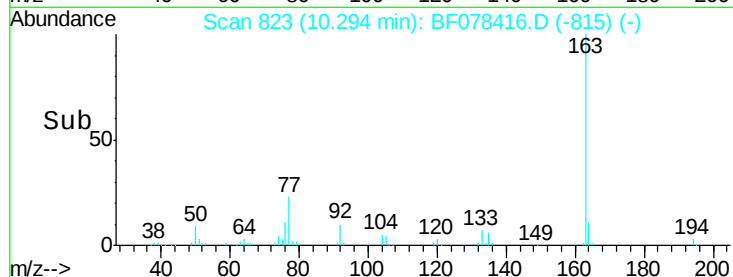
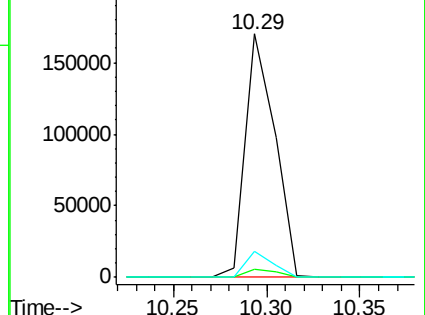
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.80 ng

RT: 10.36 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

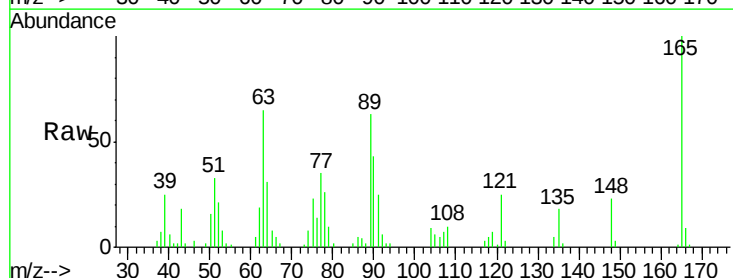
Tgt Ion:165 Resp: 35456

Ion Ratio Lower Upper

165 100

63 64.9 24.1 36.1#

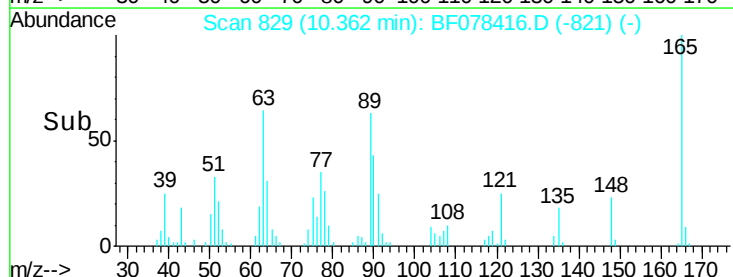
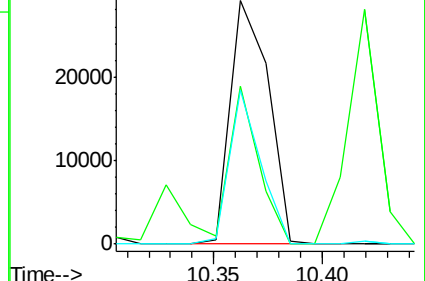
89 63.2 28.9 43.3#

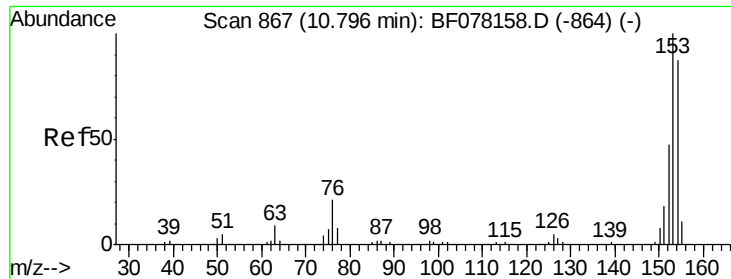


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.43 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

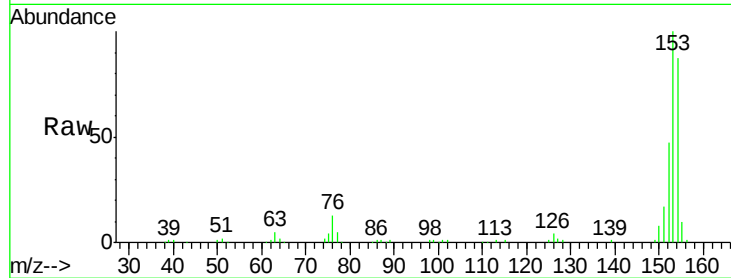
Tgt Ion:154 Resp: 125319

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

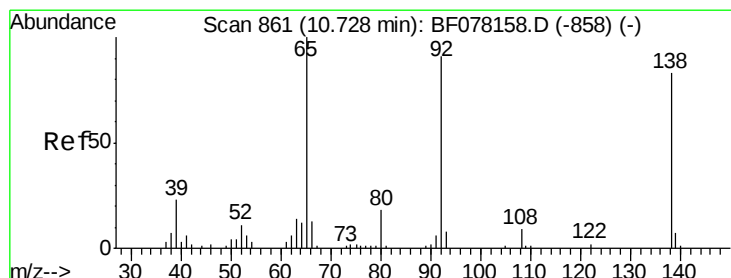
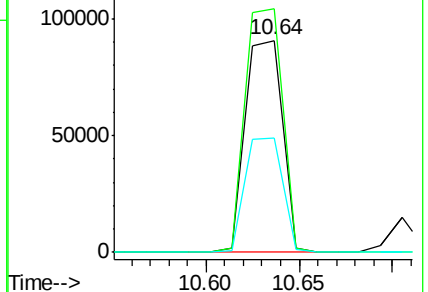
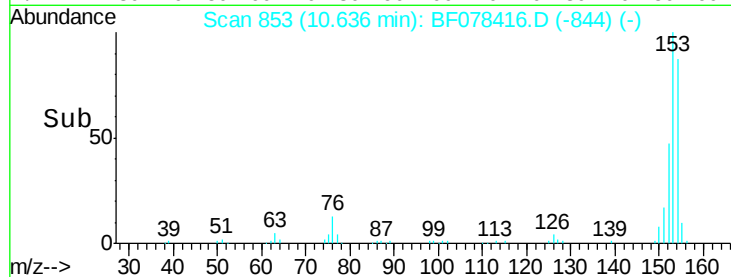
152 53.7 43.0 64.6



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: 20.84 ng

RT: 10.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

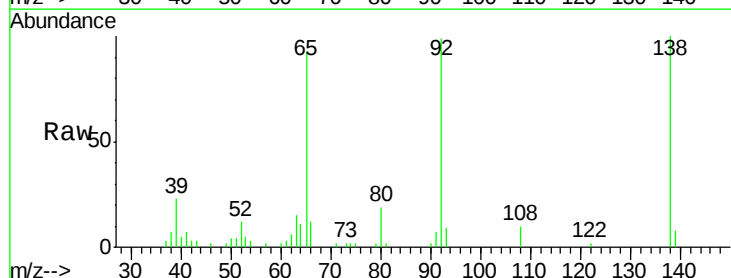
Tgt Ion:138 Resp: 23474

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.4

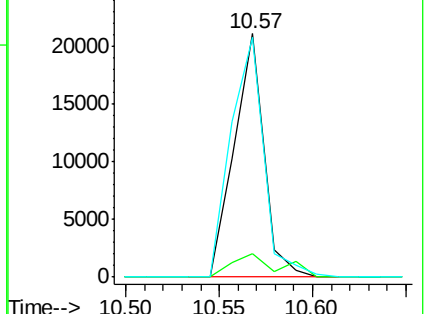
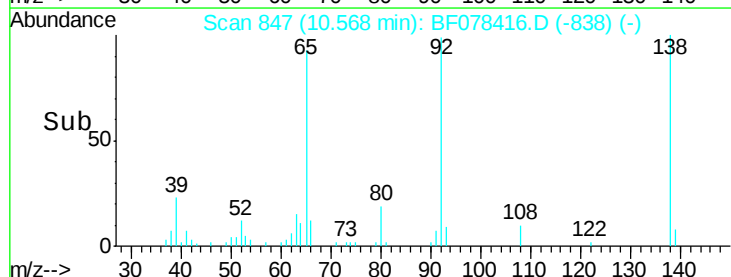
92 98.7 88.4 132.6

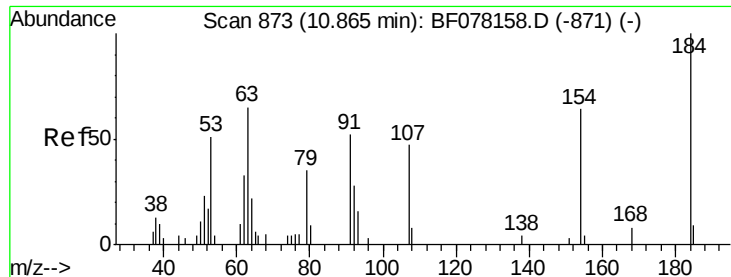


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

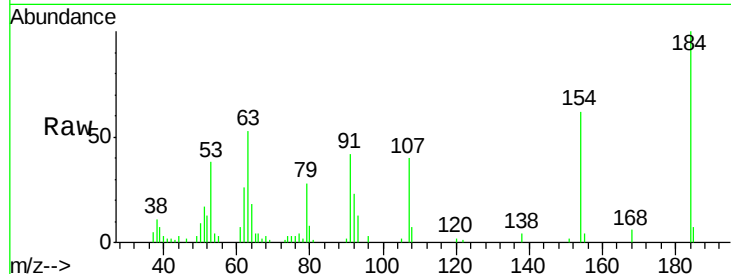




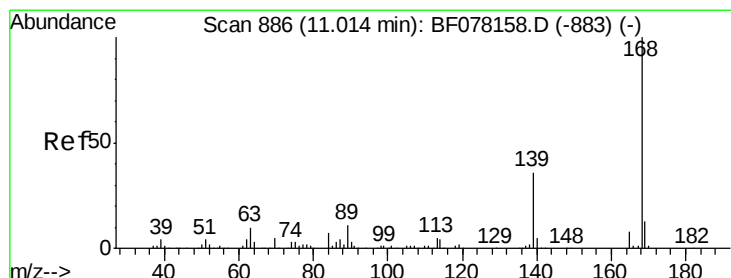
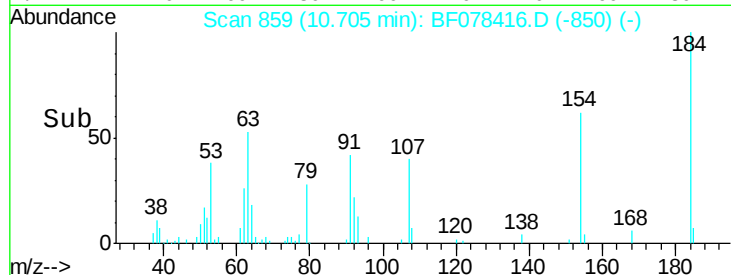
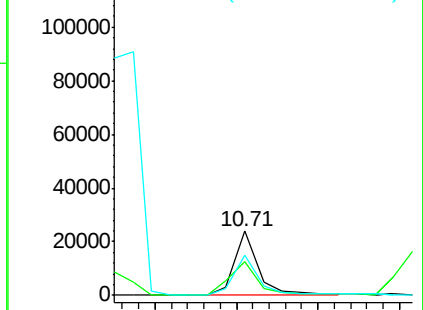
#53
 2,4-Dinitrophenol
 Concen: 68.89 ng
 RT: 10.71 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:184 Resp: 24658
 Ion Ratio Lower Upper
 184 100
 63 52.6 51.9 77.9
 154 61.5 51.0 76.4

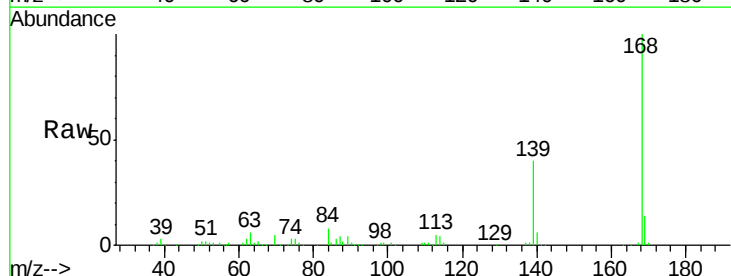


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

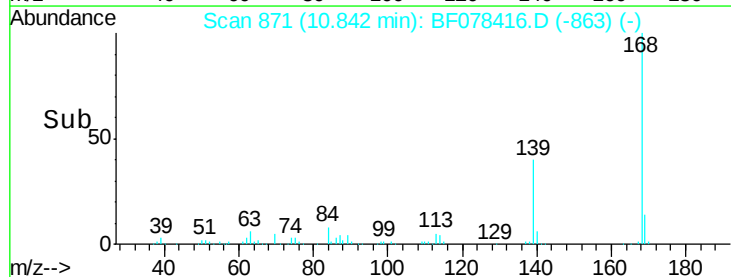
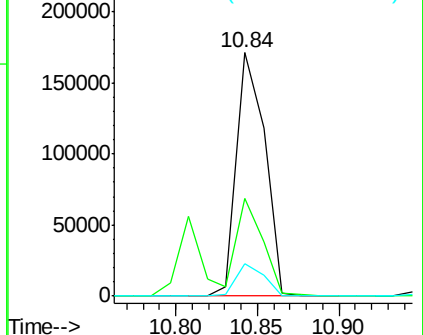


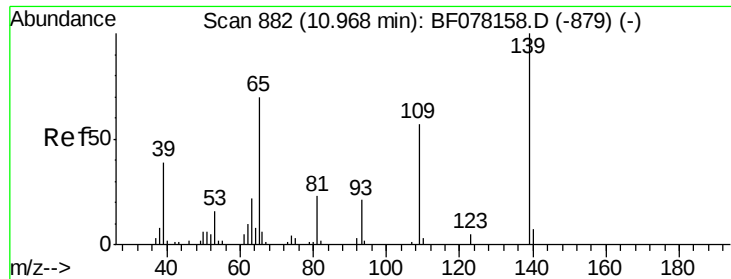
#54
 Dibenzofuran
 Concen: 35.68 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:168 Resp: 204295
 Ion Ratio Lower Upper
 168 100
 139 40.1 31.0 46.4
 169 13.6 10.7 16.1



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

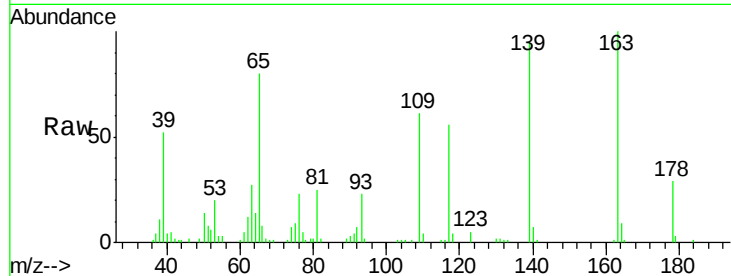




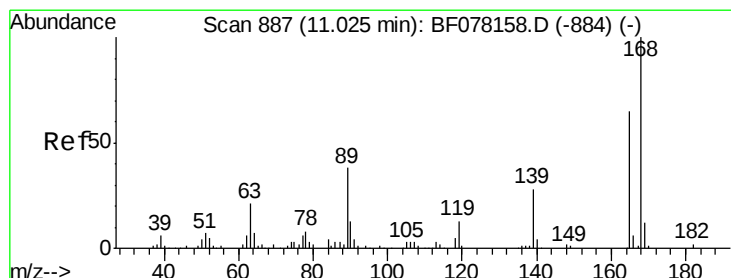
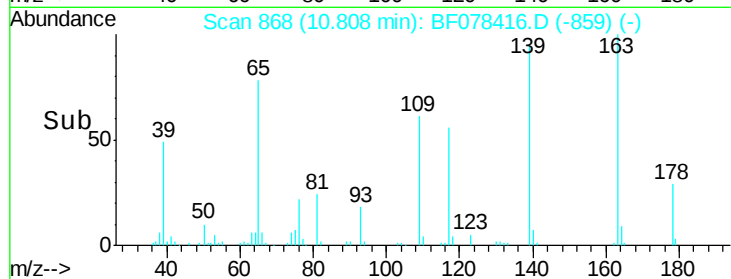
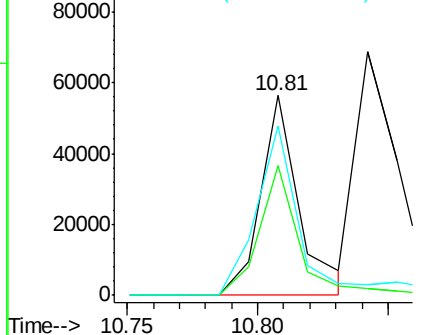
#55
 4-Nitrophenol
 Concen: 70.35 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:139 Resp: 58051
 Ion Ratio Lower Upper
 139 100
 109 64.9 36.7 76.7
 65 84.4 49.9 89.9

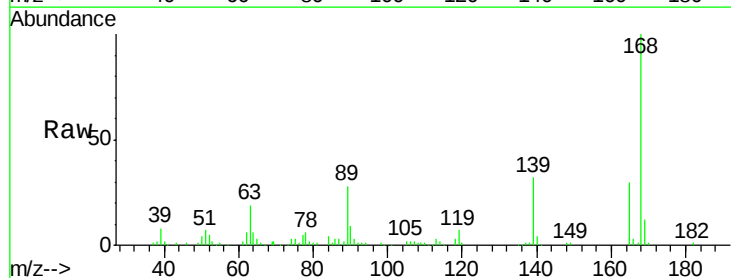


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

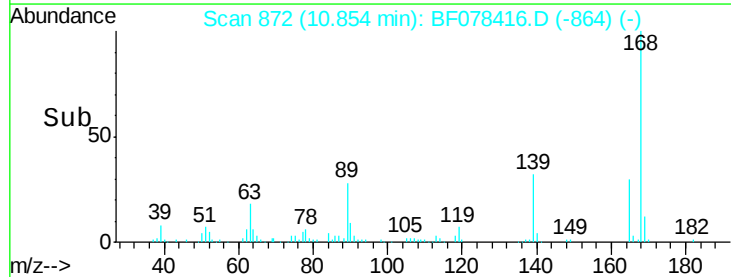
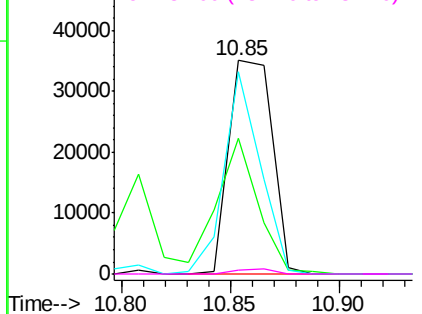


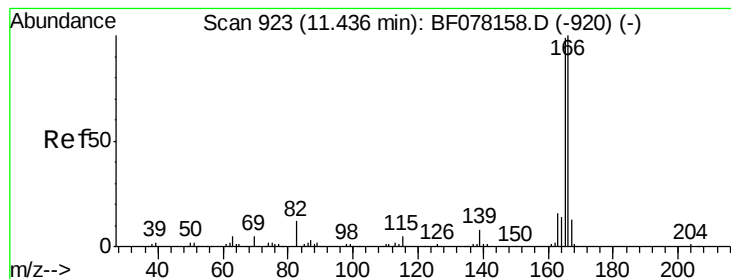
#56
 2,4-Dinitrotoluene
 Concen: 37.97 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:165 Resp: 48708
 Ion Ratio Lower Upper
 165 100
 63 63.4 26.5 39.7#
 89 94.7 46.4 69.6#
 182 2.0 2.0 3.0



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





#57

Fluorene

Concen: 36.15 ng

RT: 11.27 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

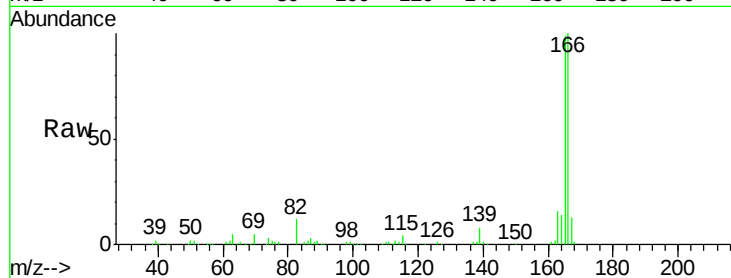
Tgt Ion:166 Resp: 167788

Ion Ratio Lower Upper

166 100

165 98.8 78.9 118.3

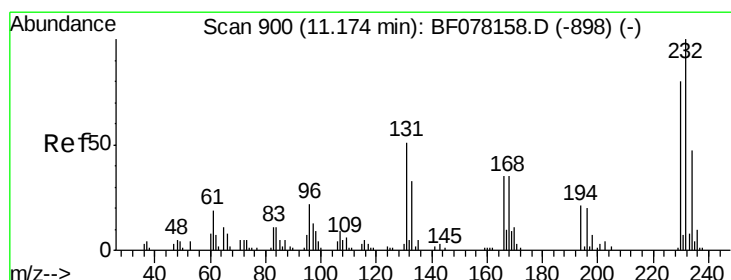
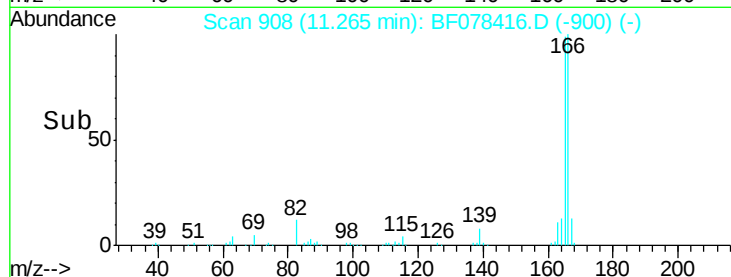
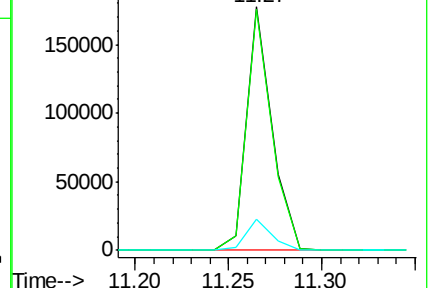
167 13.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.32 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Tgt Ion:232 Resp: 37166

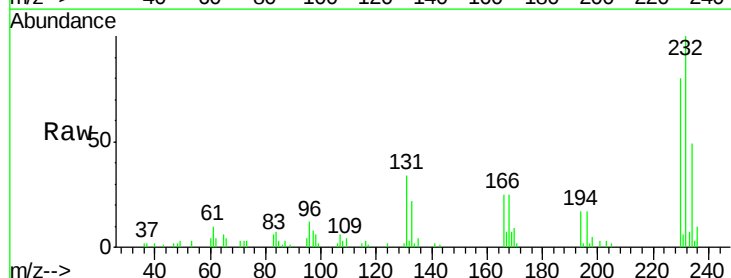
Ion Ratio Lower Upper

232 100

131 48.2 37.8 56.8

130 2.1 1.5 2.3

166 32.5 25.8 38.6

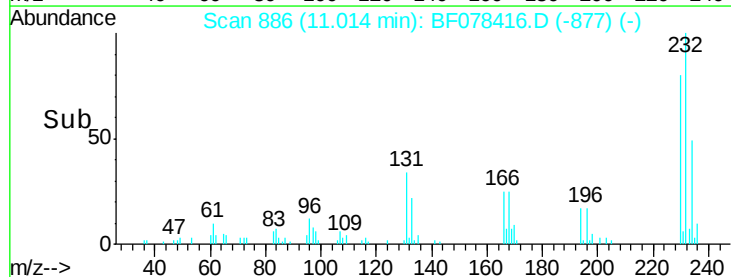
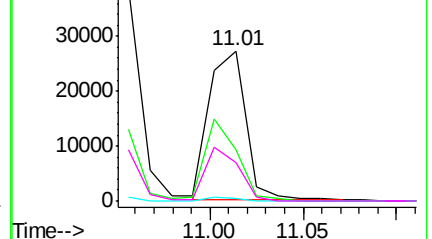


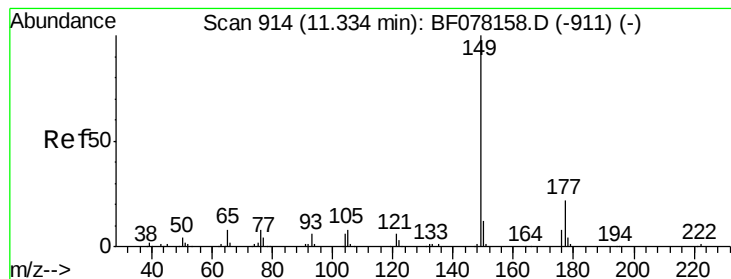
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.53 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

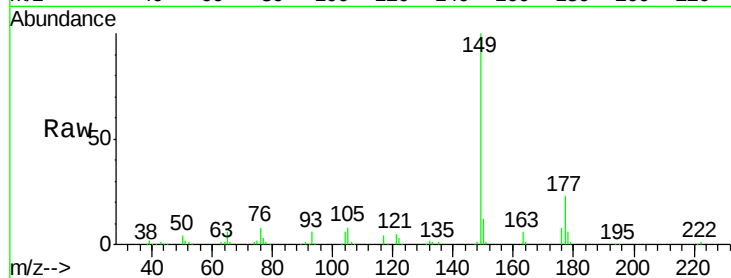
Tgt Ion:149 Resp: 169546

Ion Ratio Lower Upper

149 100

177 23.5 17.4 26.2

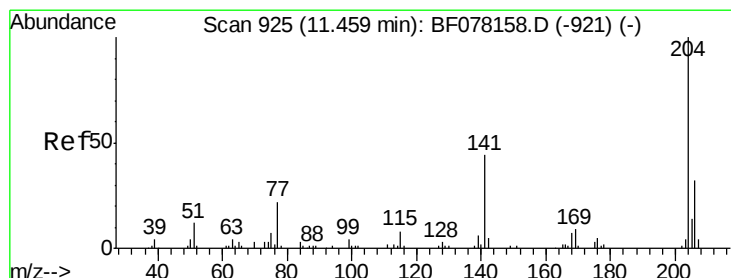
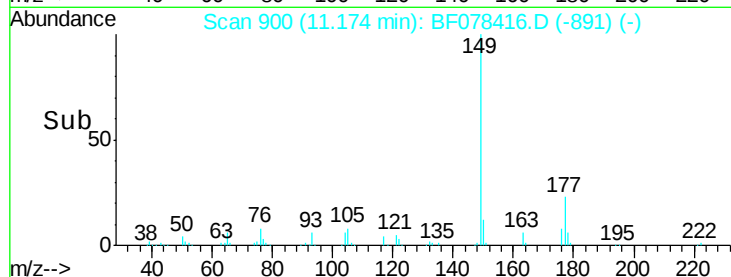
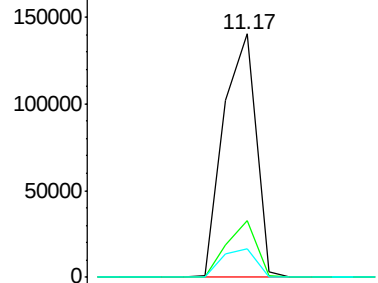
150 12.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.80 ng

RT: 11.29 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

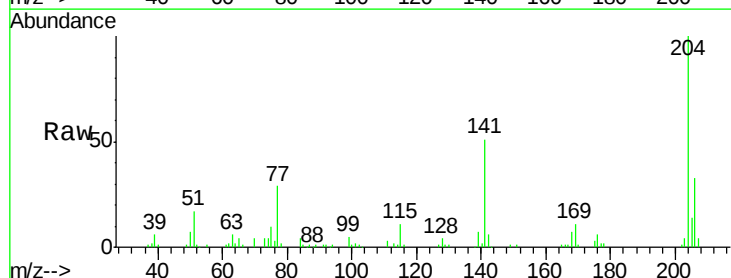
Tgt Ion:204 Resp: 78579

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

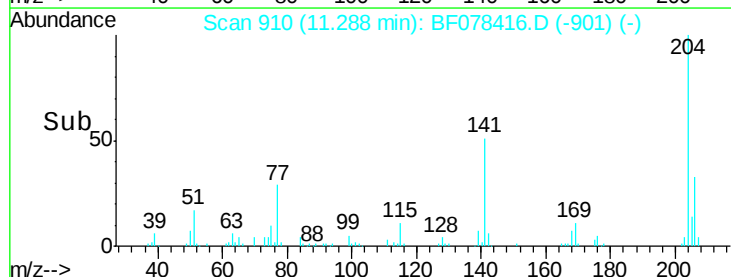
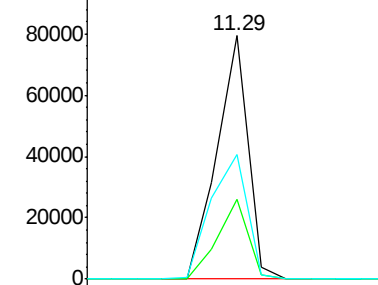
141 51.4 35.4 53.0

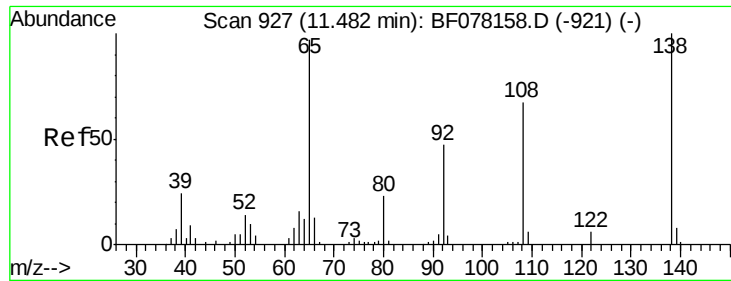


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

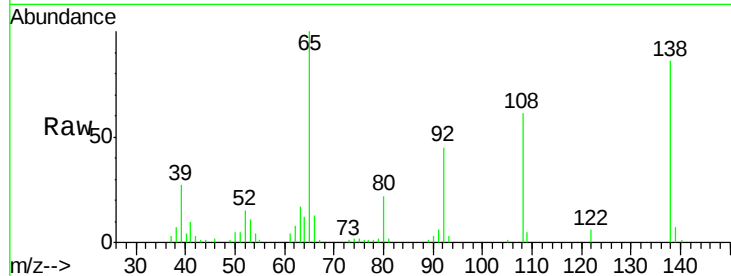




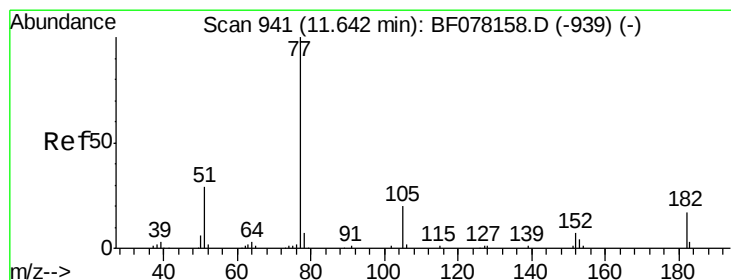
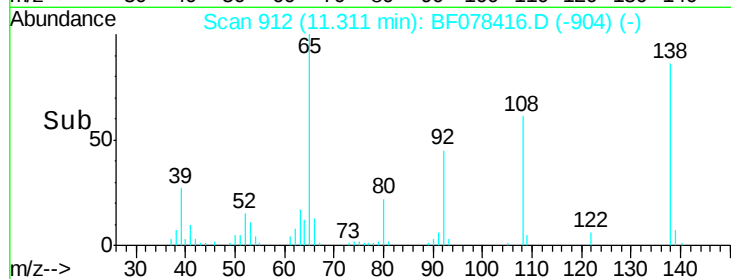
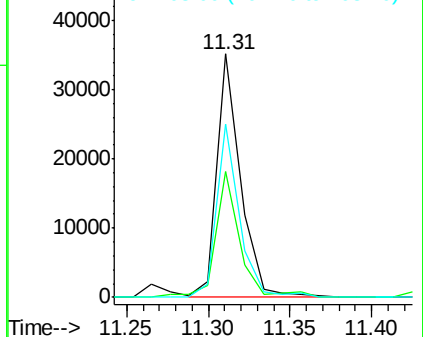
#61
4-Nitroaniline
Concen: 31.20 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion: 138 Resp: 35516
Ion Ratio Lower Upper
138 100
92 51.7 27.3 67.3
108 71.1 47.2 87.2

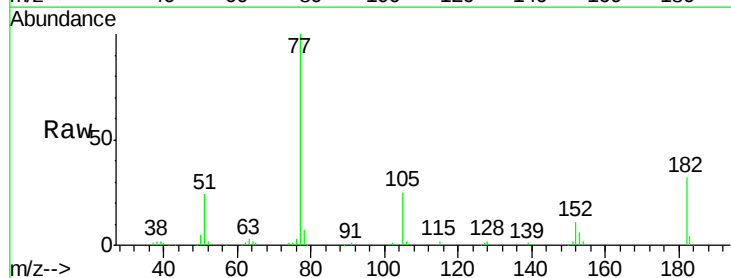


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

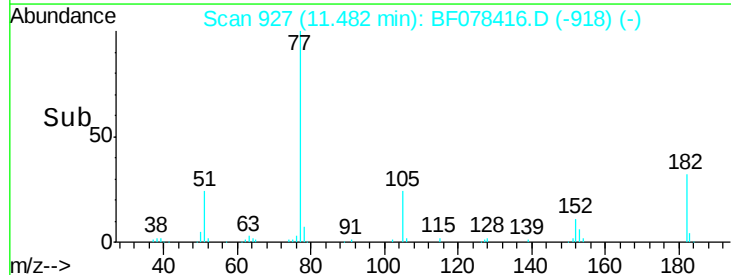
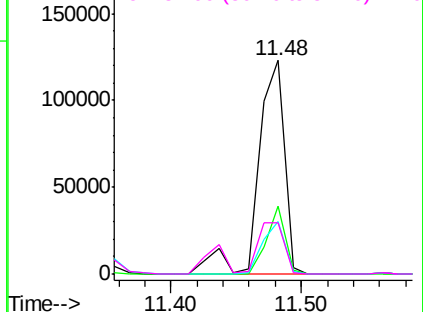


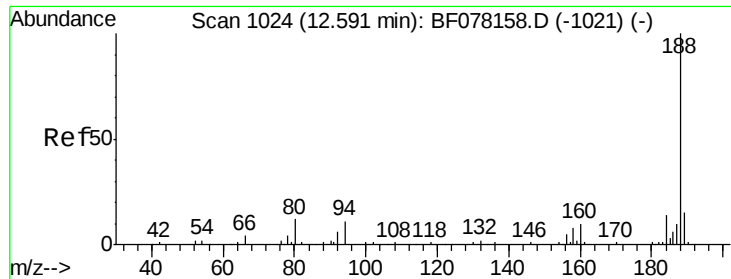
#62
Azobenzene
Concen: 40.73 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion: 77 Resp: 172523
Ion Ratio Lower Upper
77 100
182 31.9 0.0 36.8
105 24.6 0.3 40.3
51 24.0 9.1 49.1



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

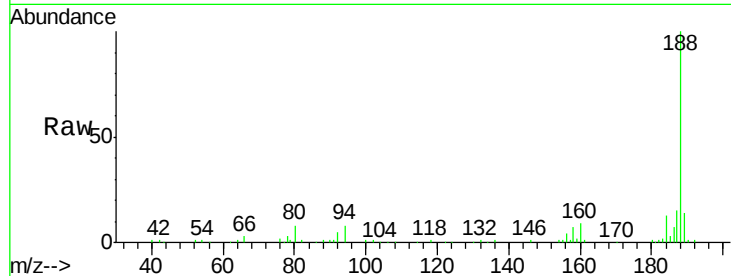




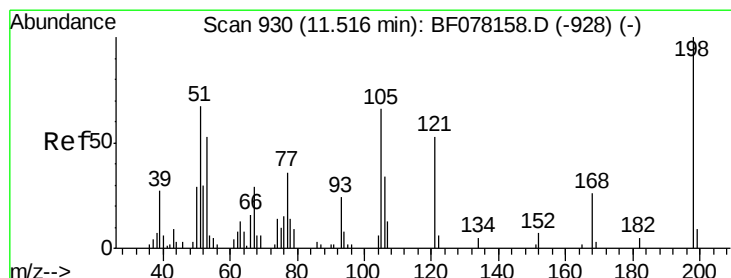
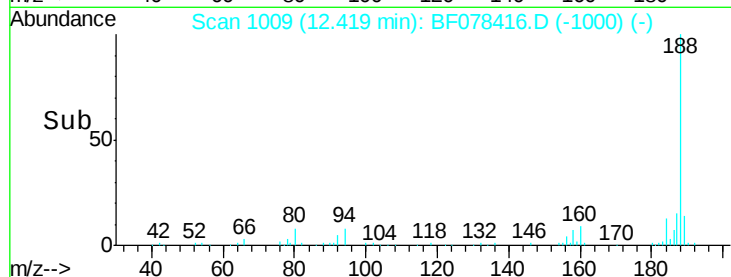
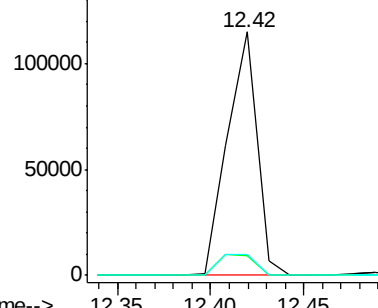
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:188 Resp: 126500
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 8.5 9.5 14.3#

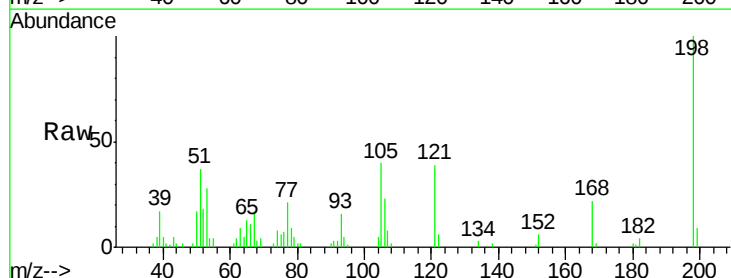


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

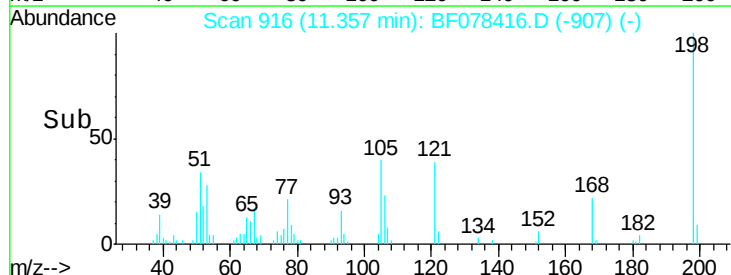
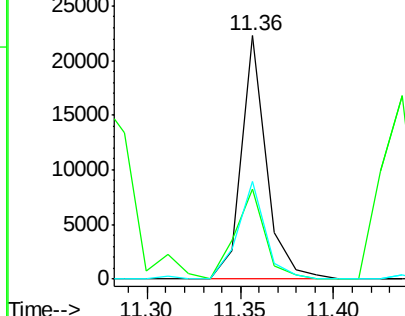


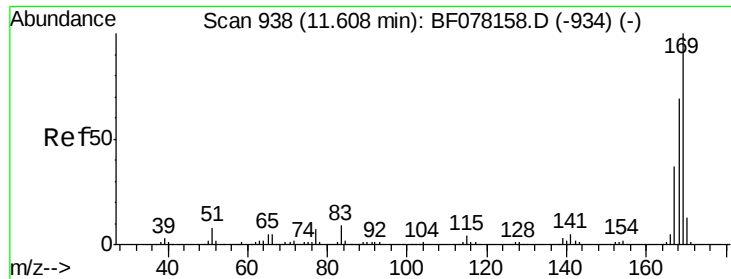
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.85 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:198 Resp: 20854
 Ion Ratio Lower Upper
 198 100
 51 36.9 48.6 88.6#
 105 40.1 45.8 85.8#



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

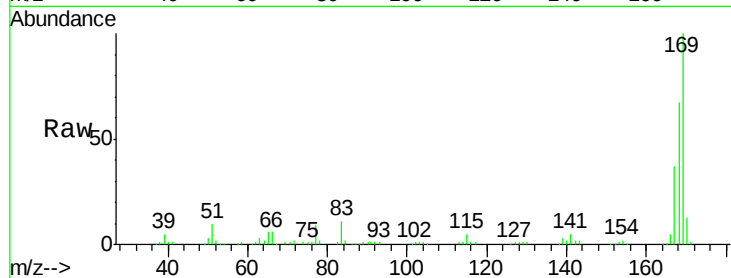




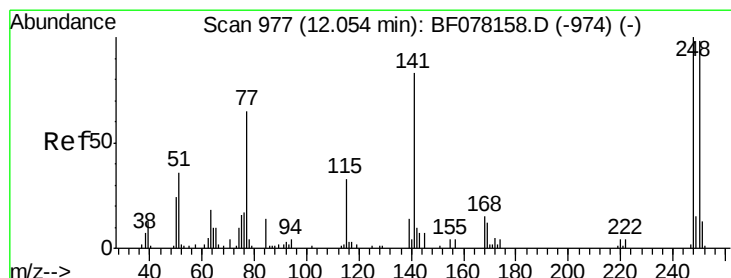
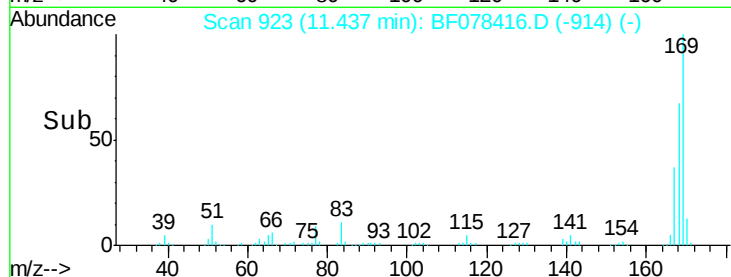
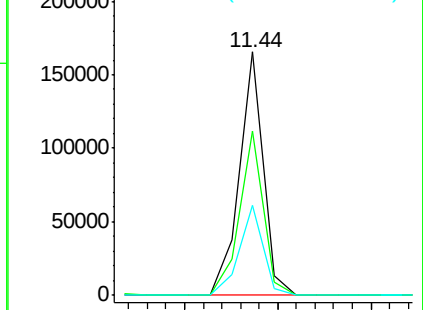
#65
 n-Nitrosodiphenylamine
 Concen: 33.93 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:169 Resp: 148472
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.4
 167 36.8 29.3 43.9

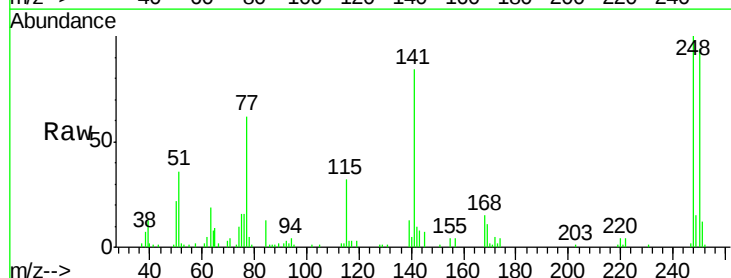


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

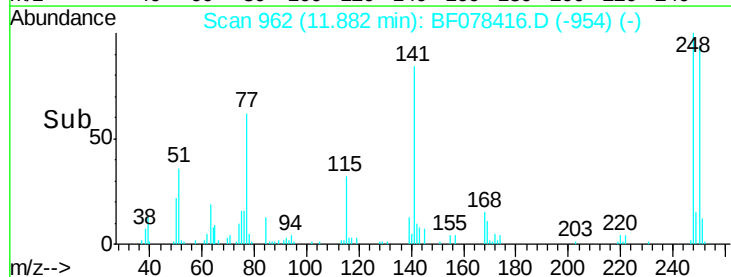
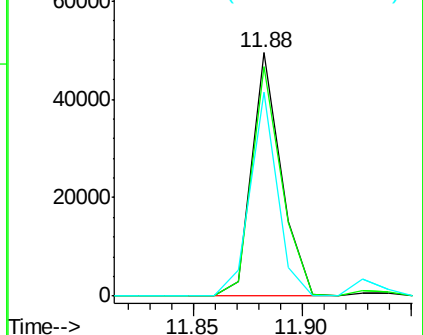


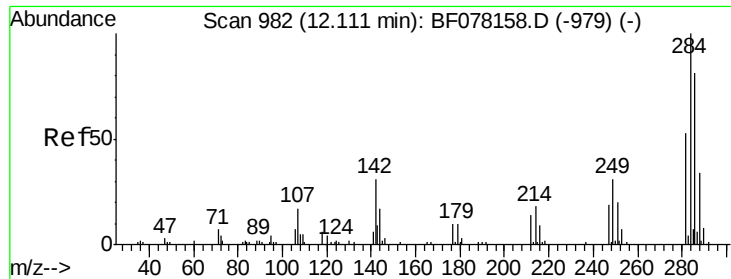
#66
 4-Bromophenyl-phenylether
 Concen: 34.81 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:248 Resp: 46636
 Ion Ratio Lower Upper
 248 100
 250 94.2 78.2 117.2
 141 83.7 66.4 99.6



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

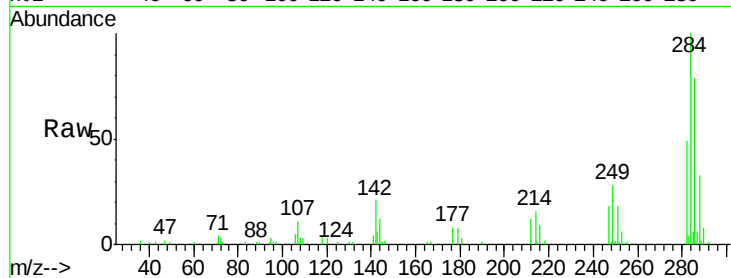




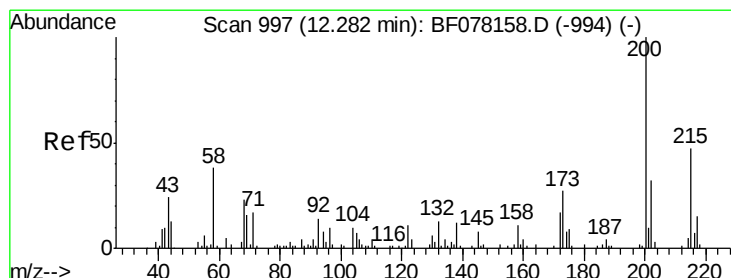
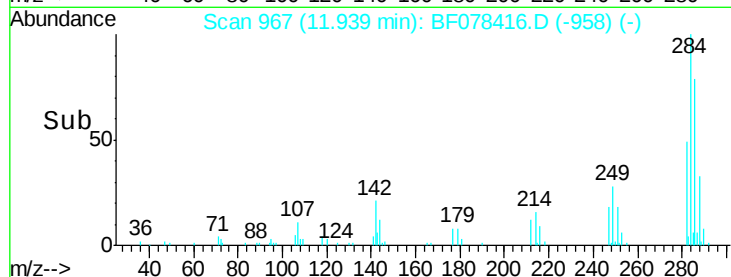
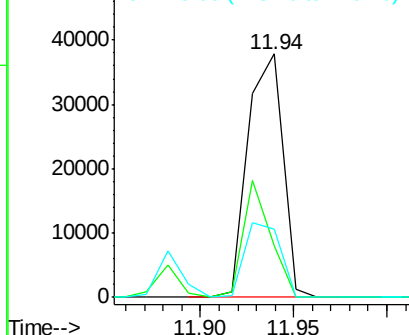
#67
Hexachlorobenzene
Concen: 33.46 ng
RT: 11.94 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion:284 Resp: 49119
Ion Ratio Lower Upper
284 100
142 21.3 24.5 36.7#
249 28.0 24.8 37.2

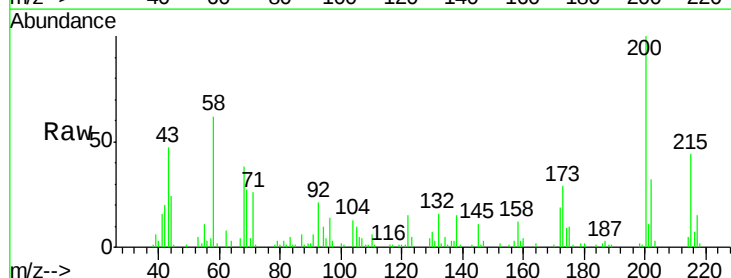


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

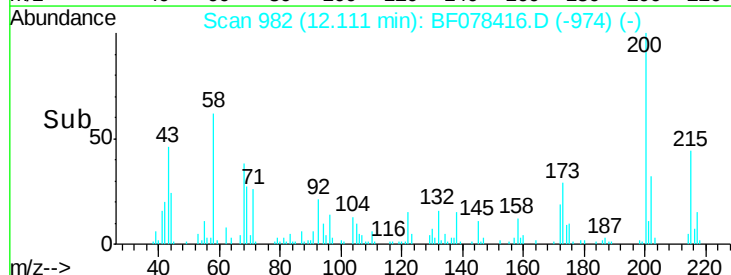
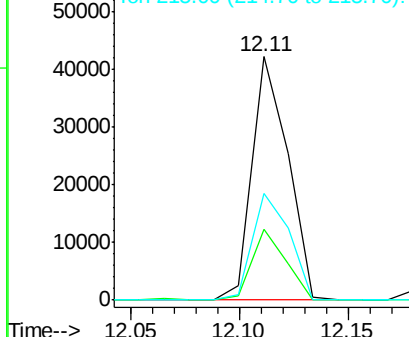


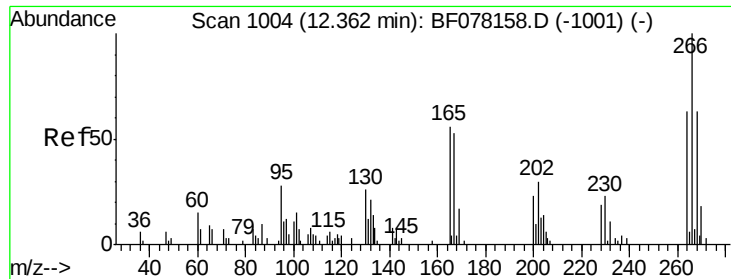
#68
Atrazine
Concen: 38.14 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:200 Resp: 48342
Ion Ratio Lower Upper
200 100
173 29.0 6.9 46.9
215 43.9 27.1 67.1



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

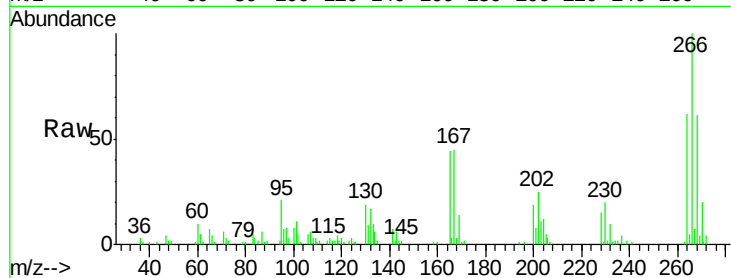




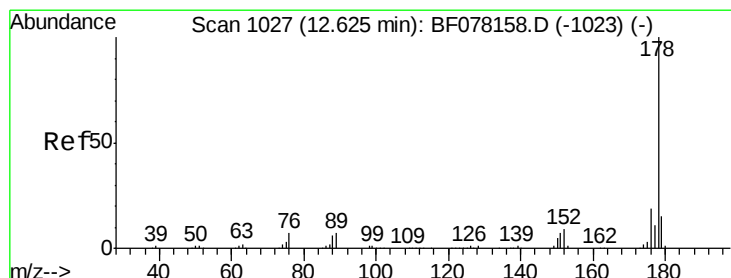
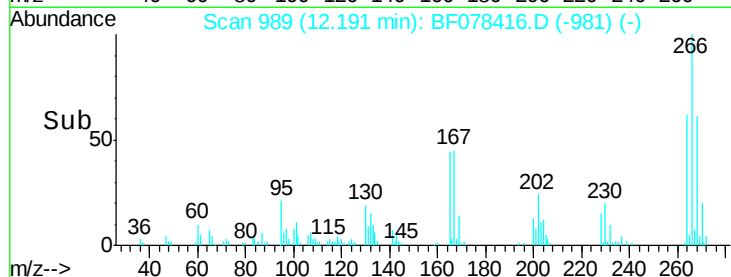
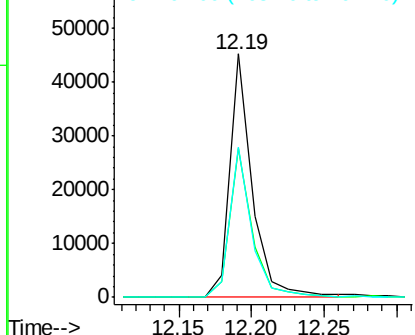
#69
 Pentachlorophenol
 Concen: 75.30 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion:266 Resp: 48693
 Ion Ratio Lower Upper
 266 100
 268 61.0 50.1 75.1
 264 61.6 50.0 75.0

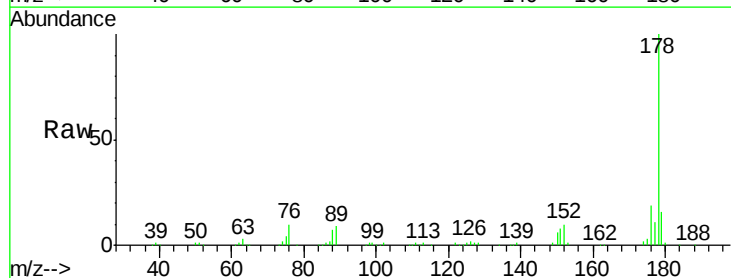


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

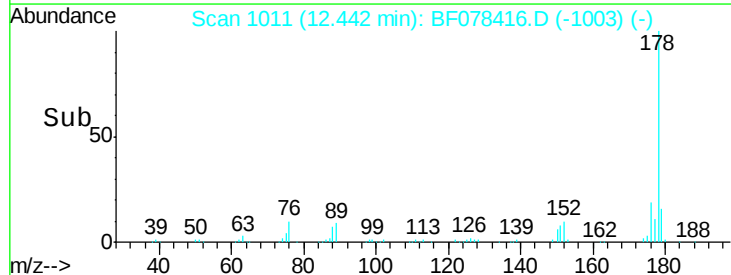
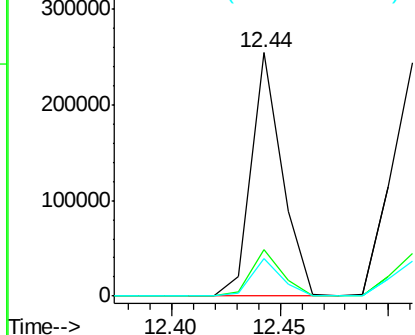


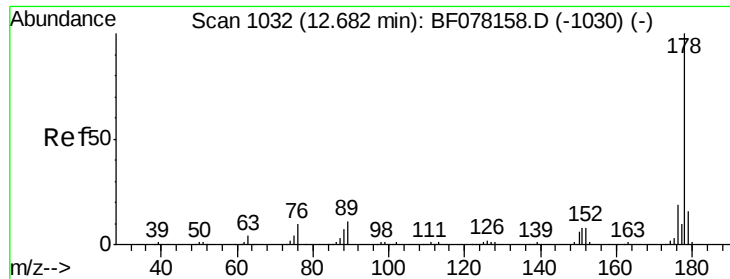
#70
 Phenanthrene
 Concen: 34.24 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:178 Resp: 250582
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.2 18.2



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

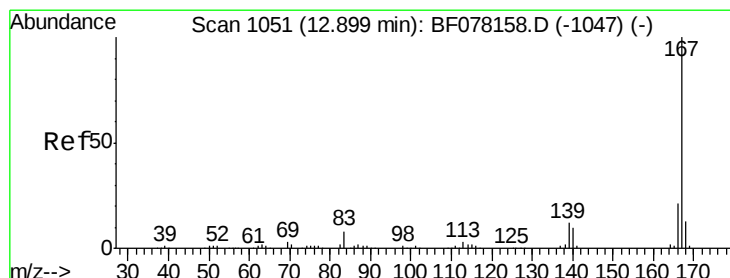
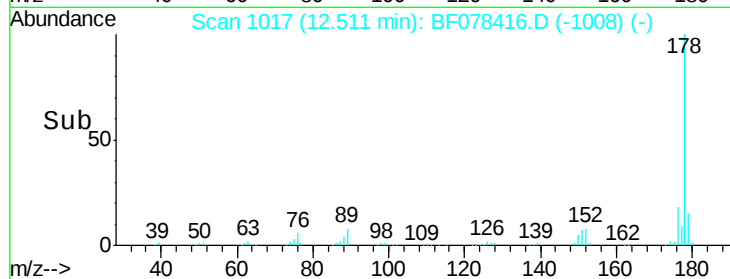
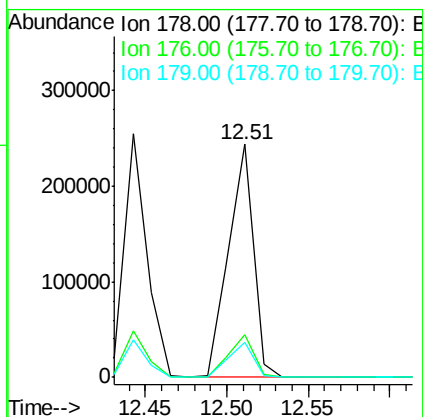
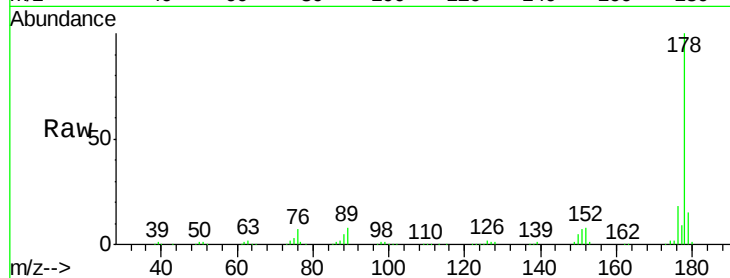




#71
 Anthracene
 Concen: 35.67 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

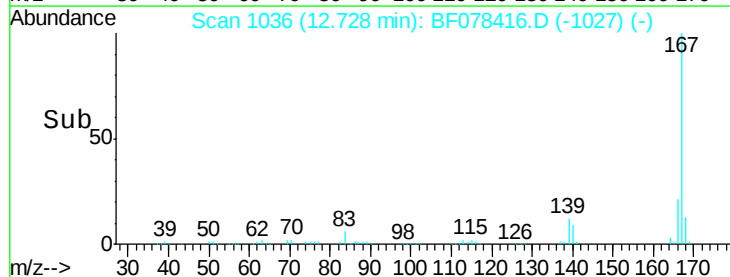
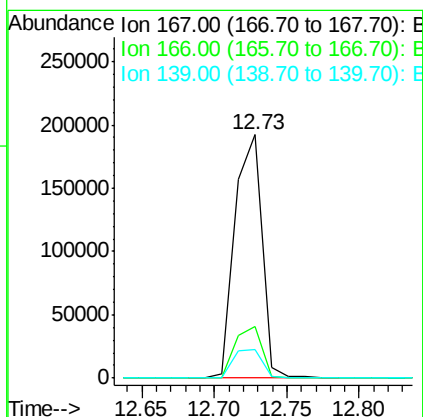
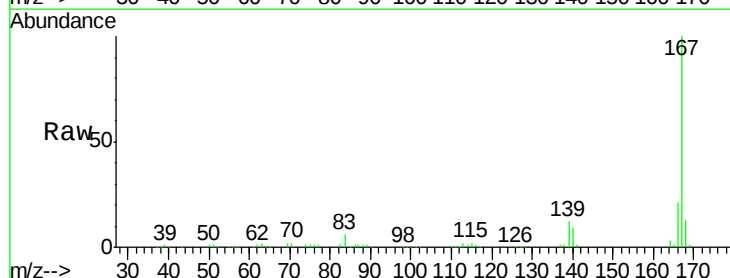
Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

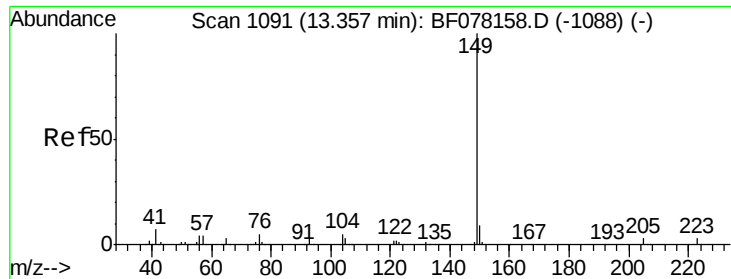
Tgt Ion:178 Resp: 257226
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.1 12.4 18.6



#72
 Carbazole
 Concen: 37.09 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:167 Resp: 250604
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 11.6 10.0 15.0

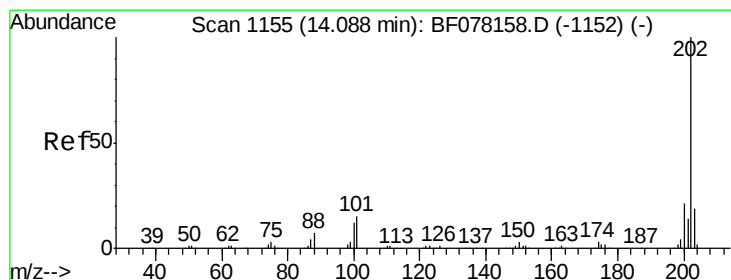
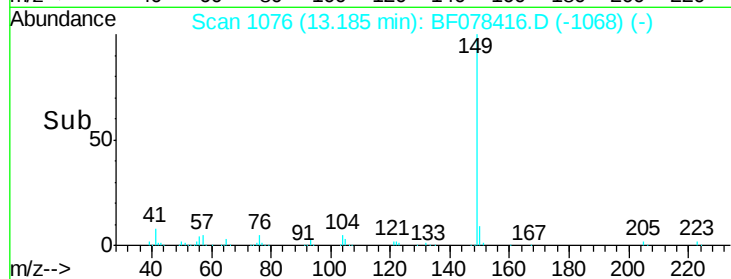
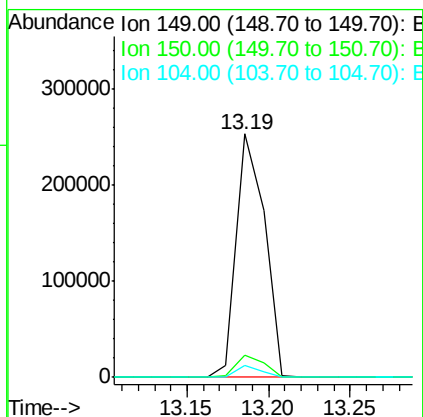
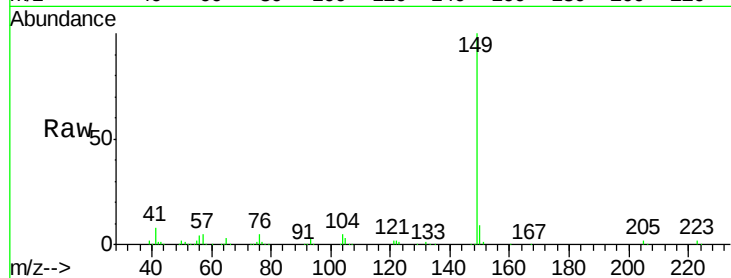




#73
Di-n-butylphthalate
Concen: 39.55 ng
RT: 13.19 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

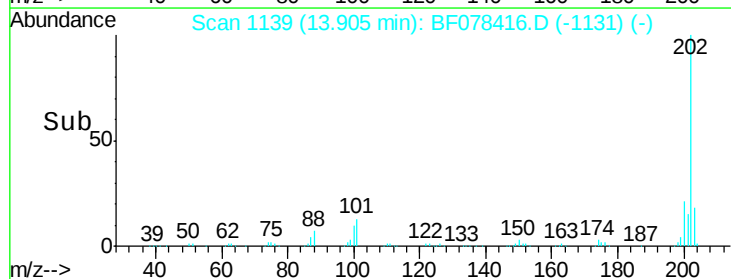
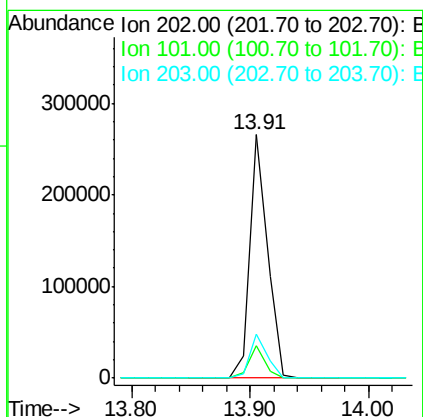
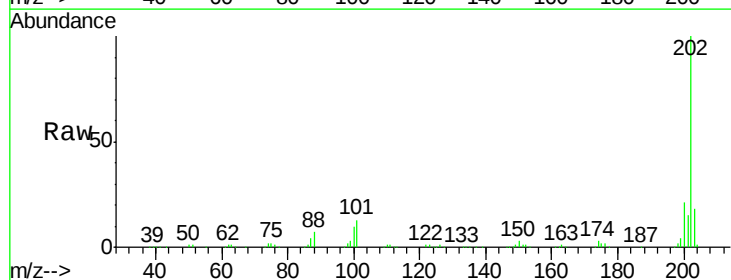
Instrument :
BNA_F
ClientSampleId :
OS-1AMS

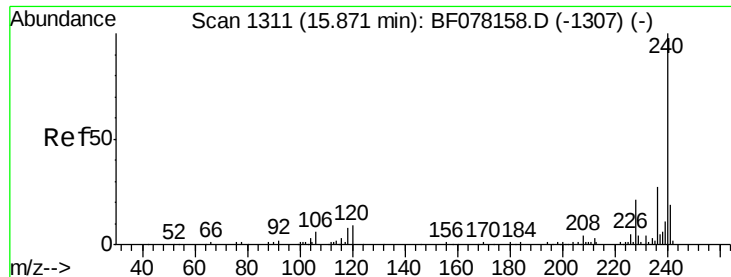
Tgt Ion:149 Resp: 302736
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 4.7 3.8 5.6



#74
Fluoranthene
Concen: 36.19 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:202 Resp: 279312
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.2
203 17.8 0.0 38.5

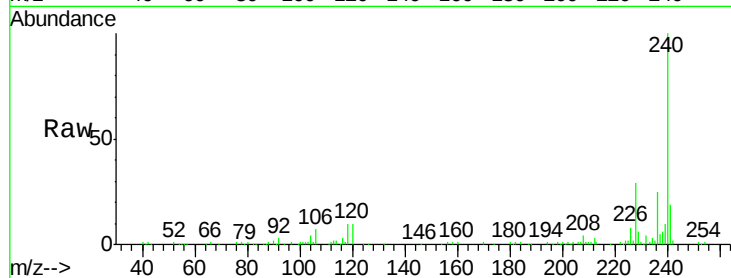




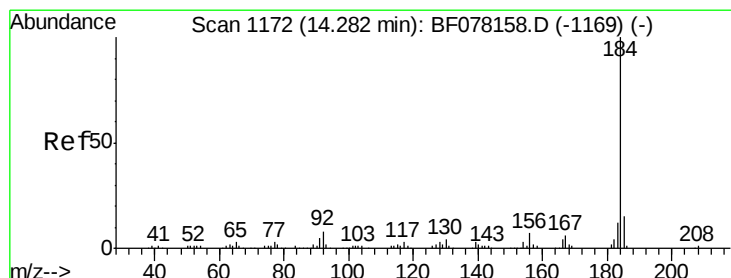
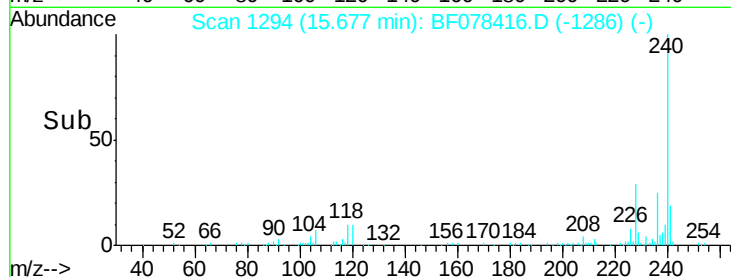
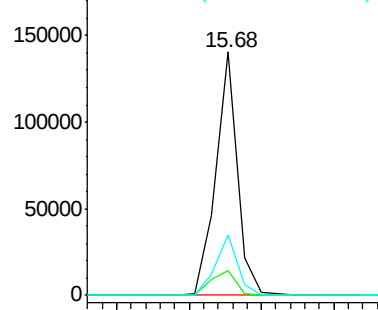
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion:240 Resp: 145577
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 25.1 21.4 32.2

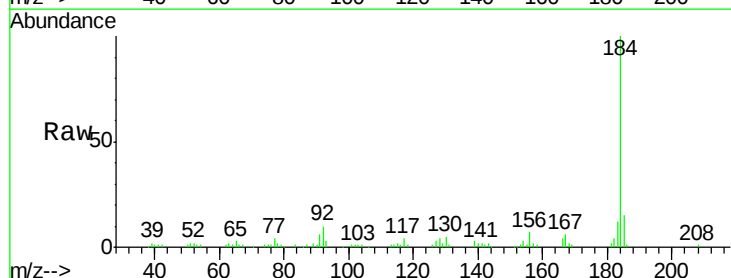


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

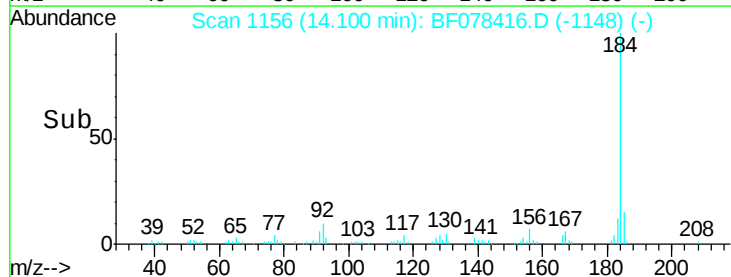
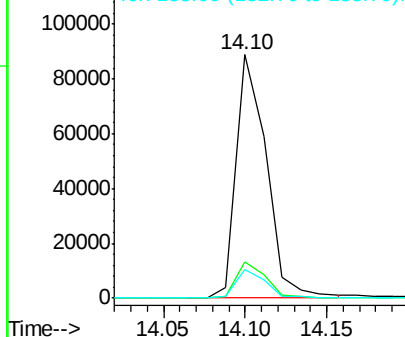


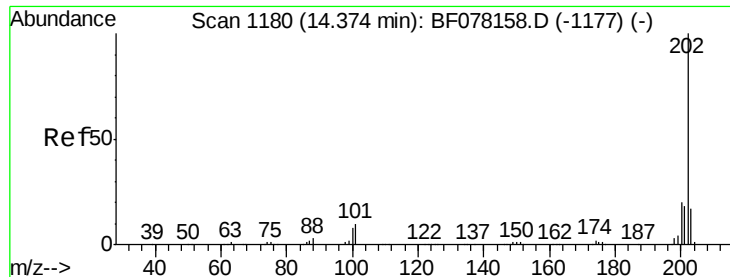
#76
Benzidine
Concen: 20.22 ng
RT: 14.10 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:184 Resp: 113351
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

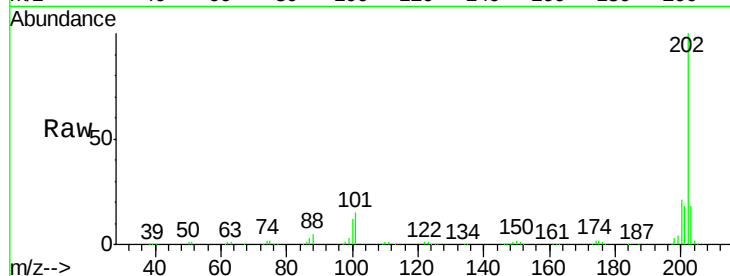




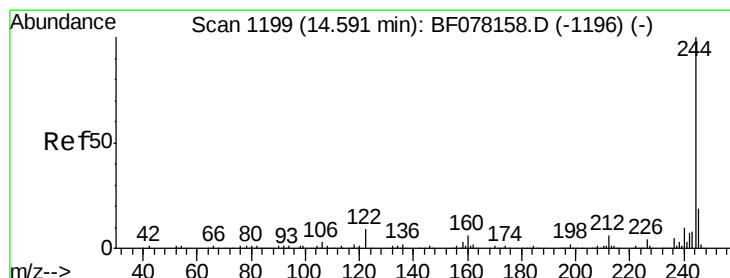
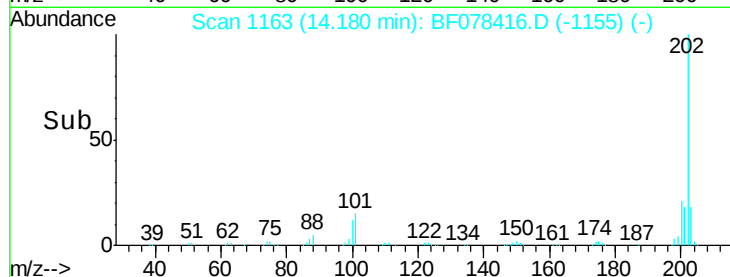
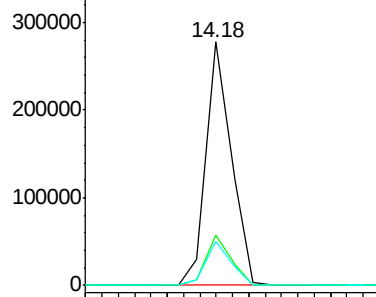
#77
 Pyrene
 Concen: 32.48 ng
 RT: 14.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	18.2	13.8	20.6

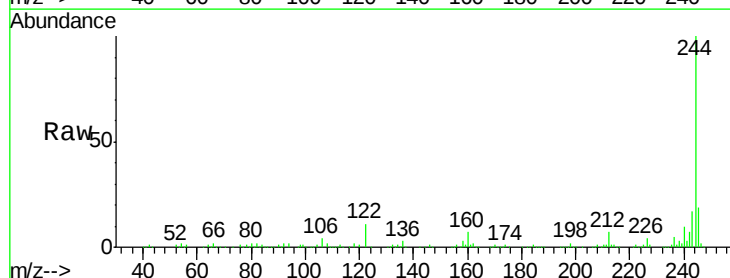


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

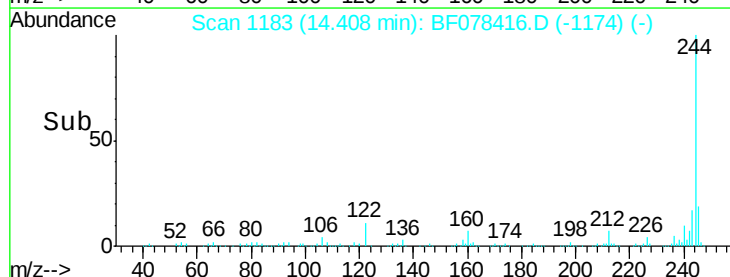
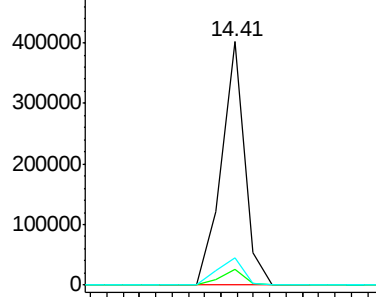


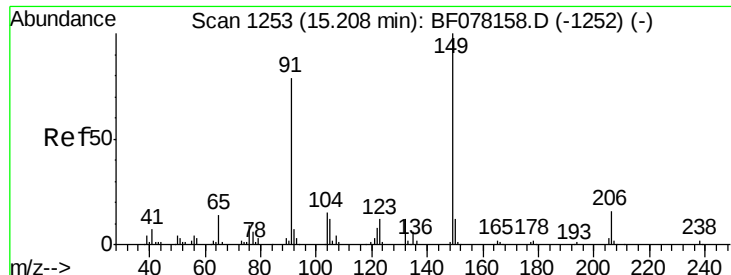
#78
 Terphenyl-d14
 Concen: 61.93 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	11.2	7.1	10.7



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

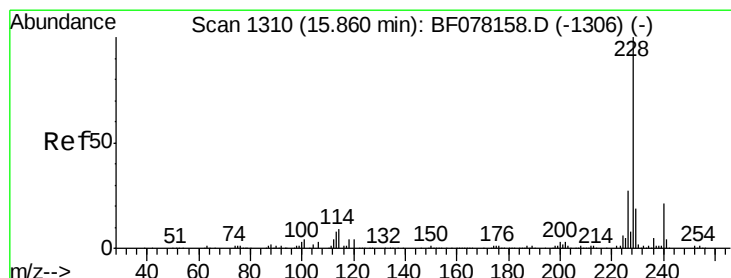
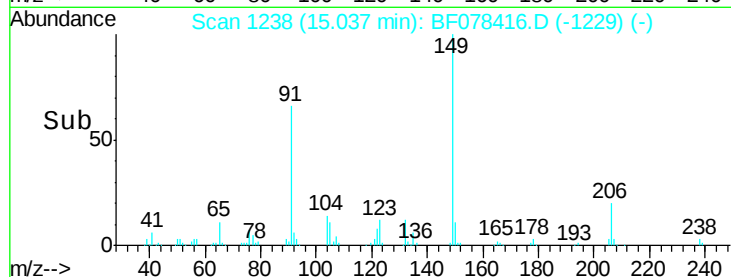
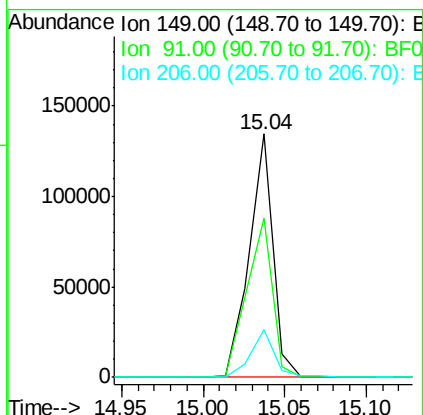
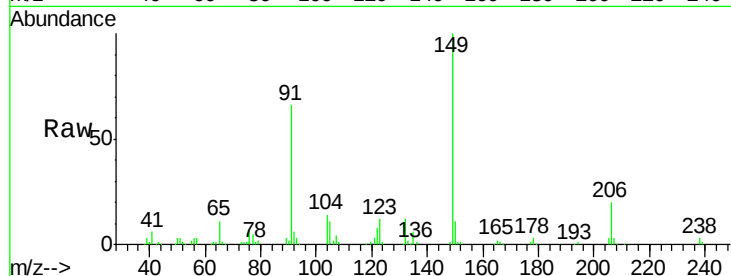




#79
Butylbenzylphthalate
Concen: 39.03 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

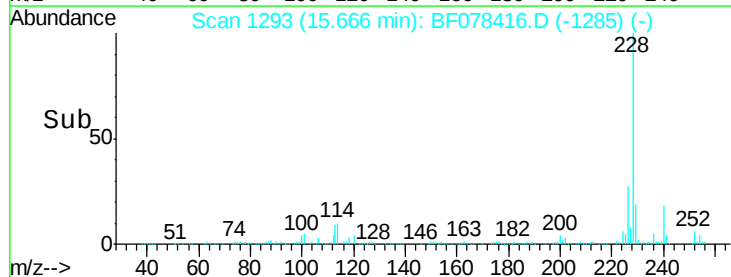
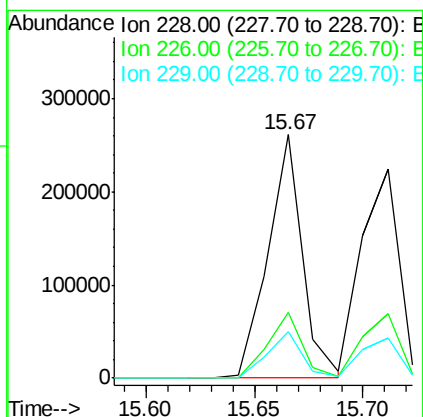
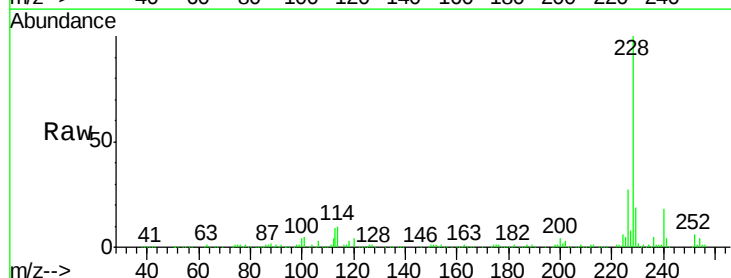
Instrument :
BNA_F
ClientSampleId :
OS-1AMS

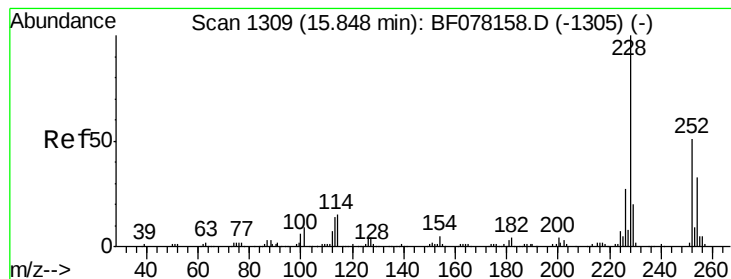
Tgt Ion:149 Resp: 135929
Ion Ratio Lower Upper
149 100
91 65.6 64.2 96.2
206 19.9 12.6 18.8#



#80
Benzo(a)anthracene
Concen: 33.36 ng
RT: 15.67 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF078416.D
Acq: 10 Apr 2015 23:15

Tgt Ion:228 Resp: 288981
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.0 15.4 23.2

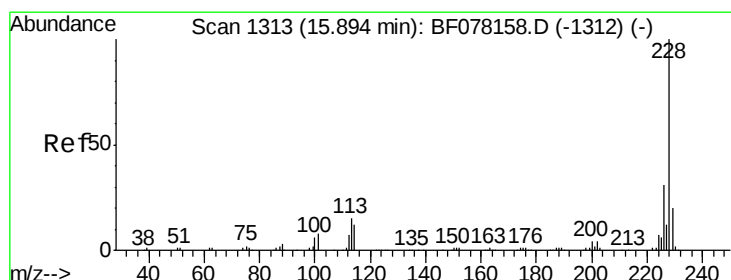
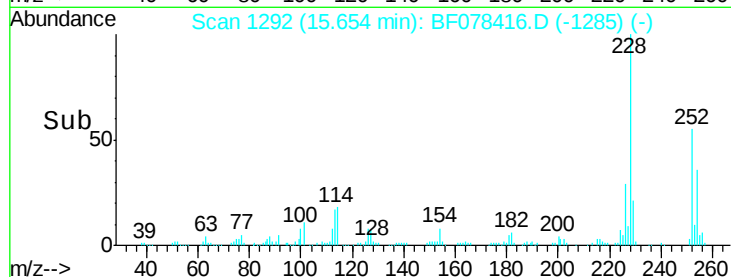
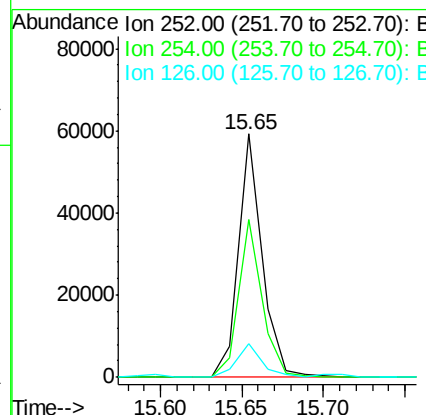
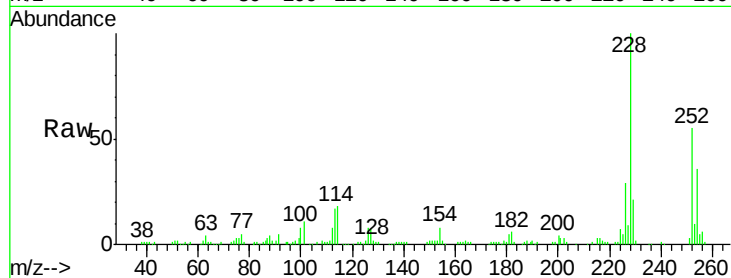




#81
 3,3'-Dichlorobenzidine
 Concen: 20.38 ng
 RT: 15.65 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

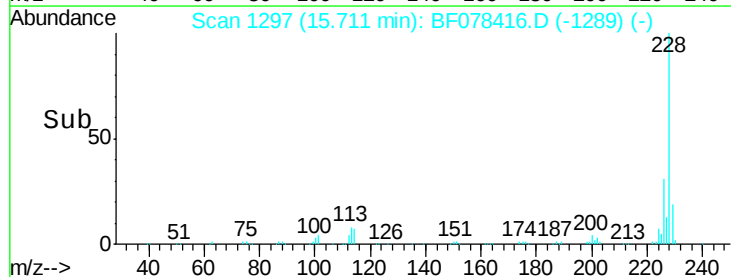
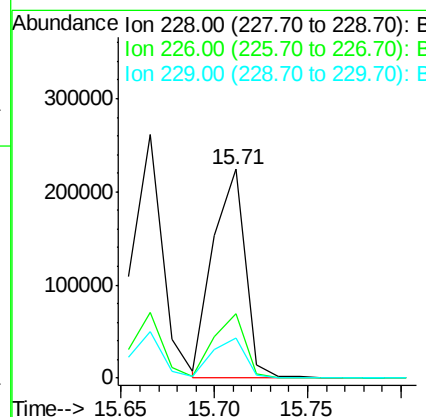
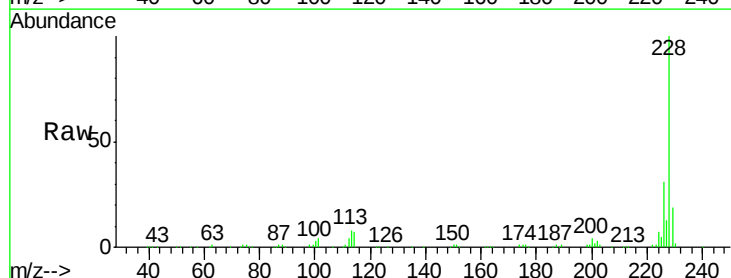
Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

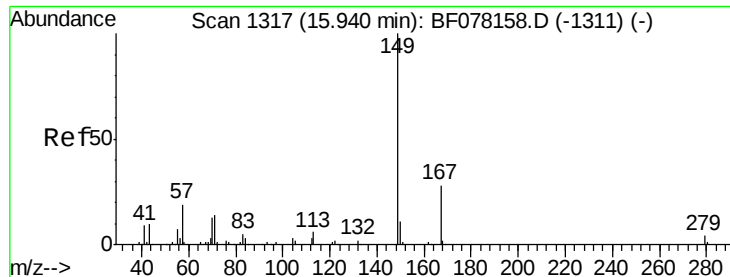
Tgt Ion: 252 Resp: 59108
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.2 76.8
 126 13.9 6.3 9.5#



#82
 Chrysene
 Concen: 33.14 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion: 228 Resp: 269692
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.4
 229 19.2 15.8 23.8

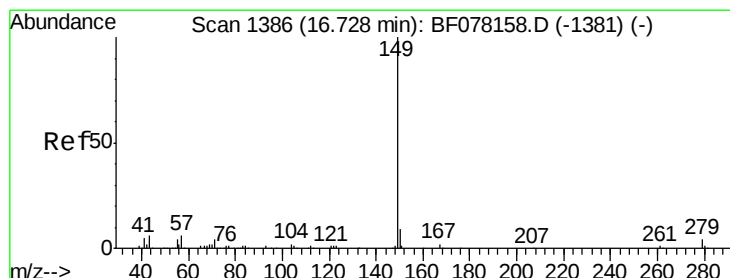
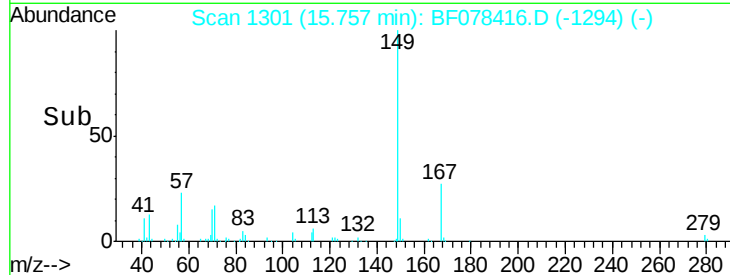
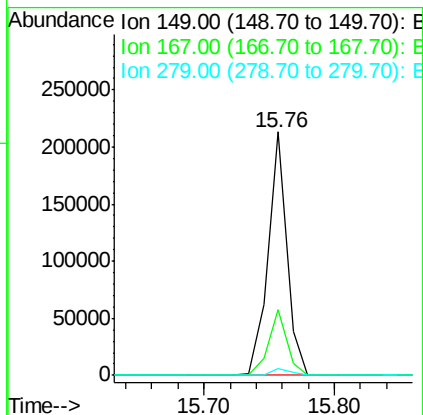
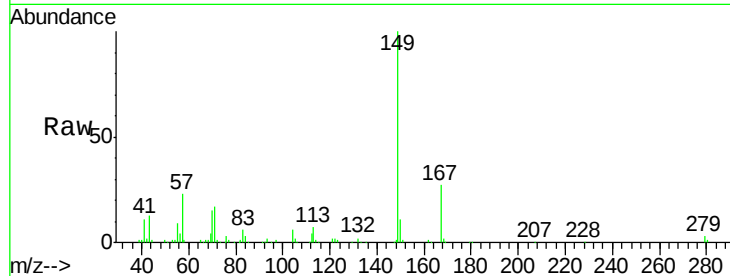




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.82 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

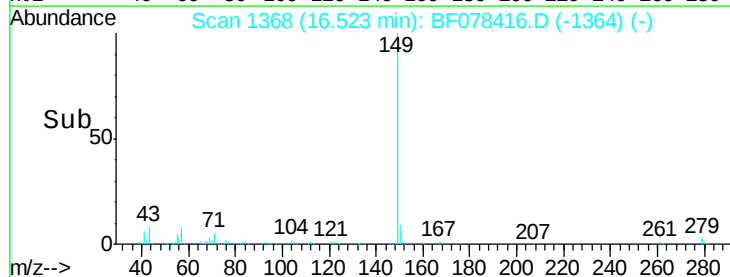
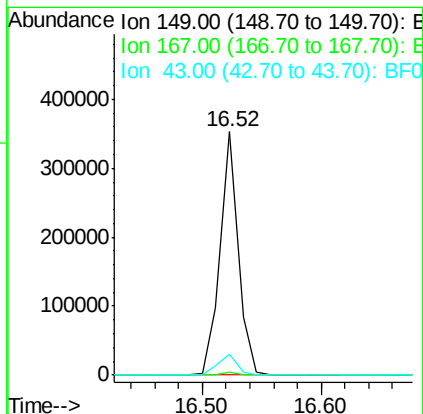
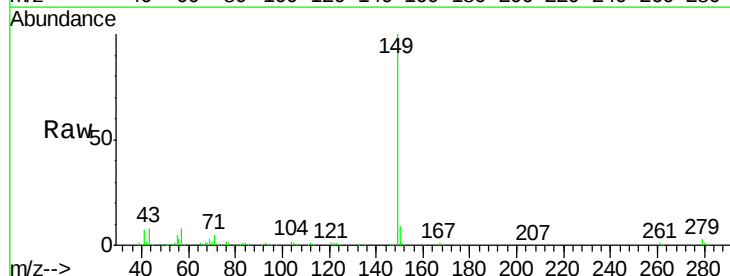
Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

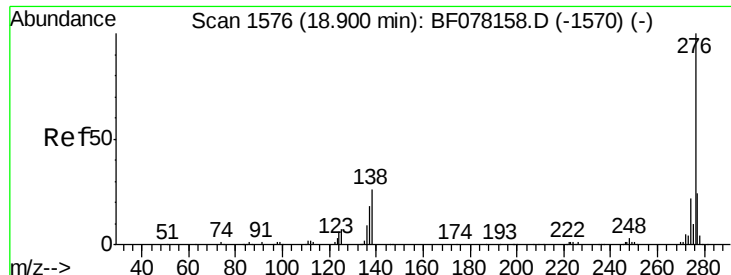
Tgt Ion:149 Resp: 217512
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.2 33.2
 279 2.9 3.2 4.8#



#84
 Di-n-octyl phthalate
 Concen: 41.47 ng
 RT: 16.52 min Scan# 1368
 Delta R.T. -0.06 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion:149 Resp: 371991
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 8.9 0.0 0.0#

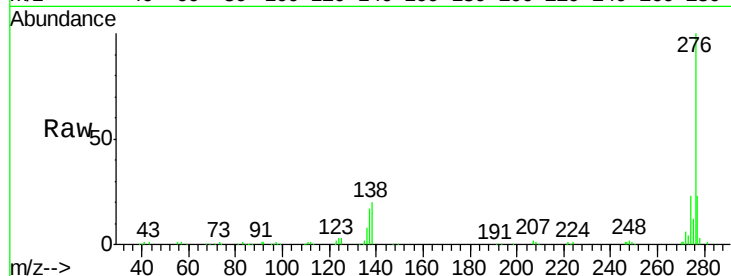




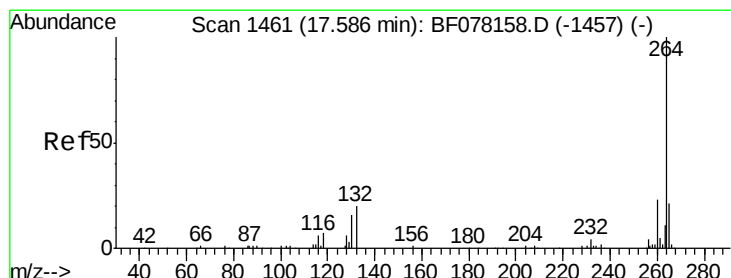
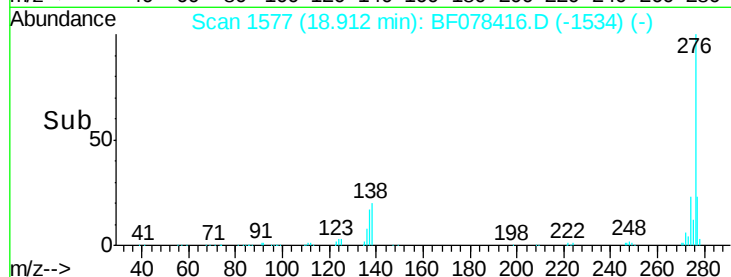
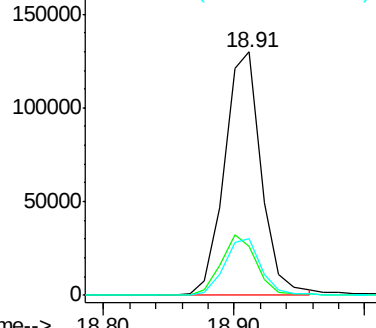
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.70 ng
 RT: 18.91 min Scan# 1577
 Delta R.T. 0.19 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-1AMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	16.9	25.3
277	23.3	15.8	23.6

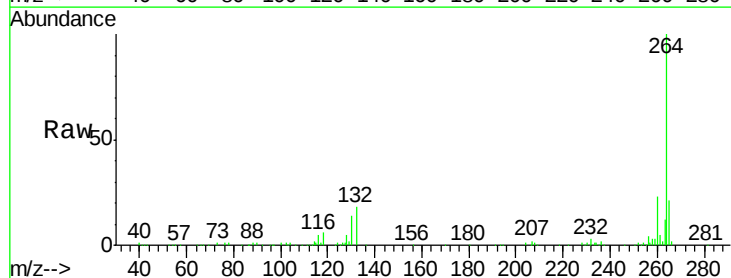


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

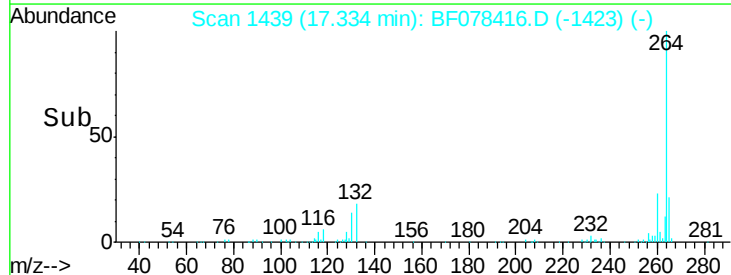
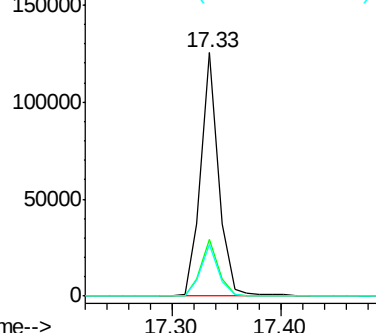


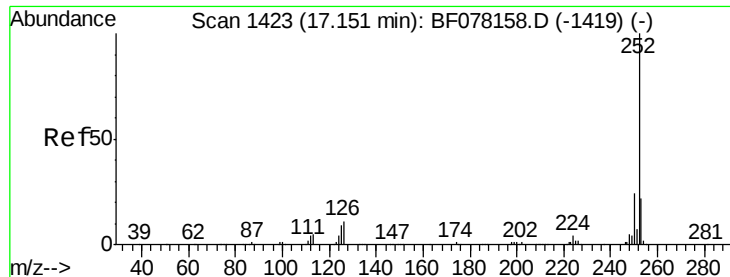
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.33 min Scan# 1439
 Delta R.T. -0.11 min
 Lab File: BF078416.D
 Acq: 10 Apr 2015 23:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.0	17.0	25.6



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: 35.60 ng

RT: 16.91 min Scan# 1402

Delta R.T. -0.09 min

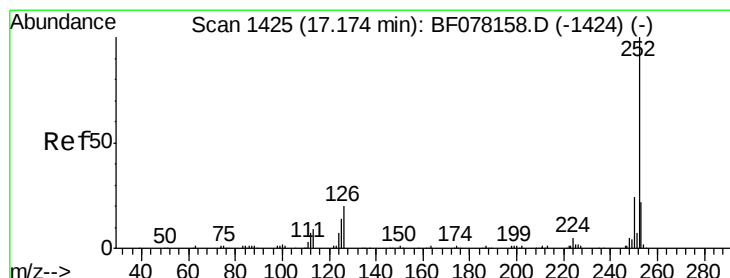
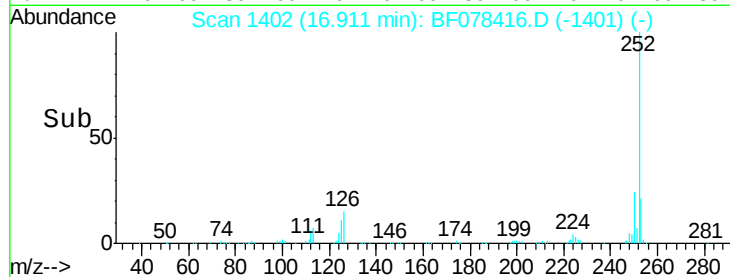
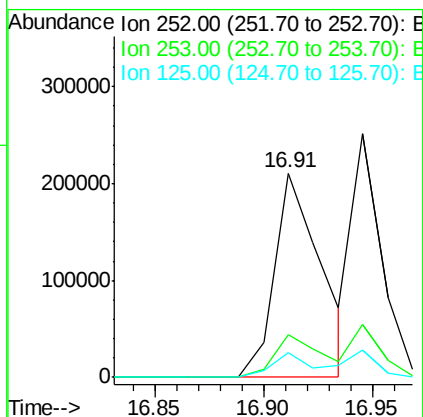
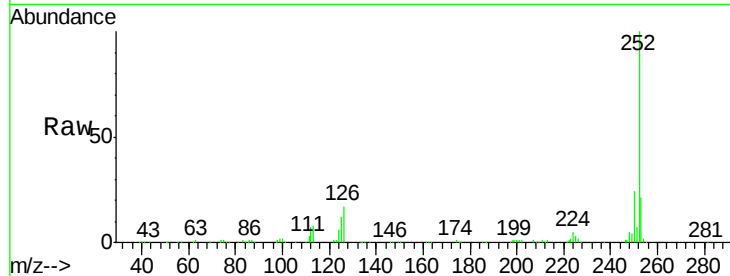
Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Tgt Ion:252 Resp: 313623

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	12.3	7.0	10.4



#88

Benzo(k)fluoranthene

Concen: 40.06 ng

RT: 16.91 min Scan# 1402

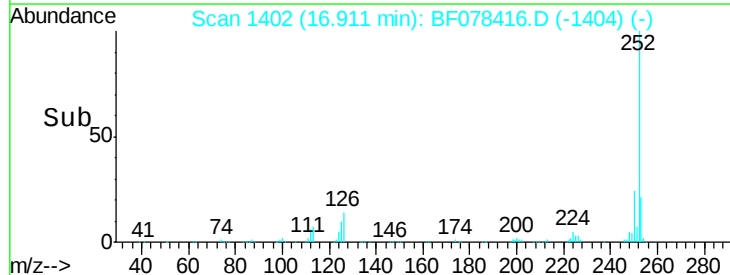
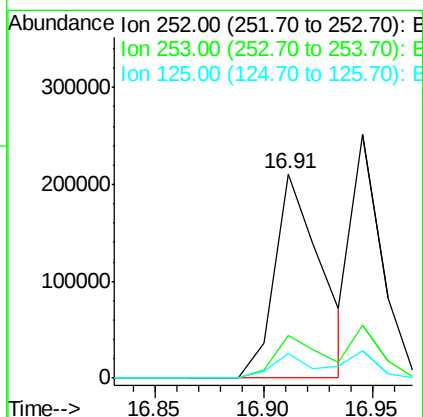
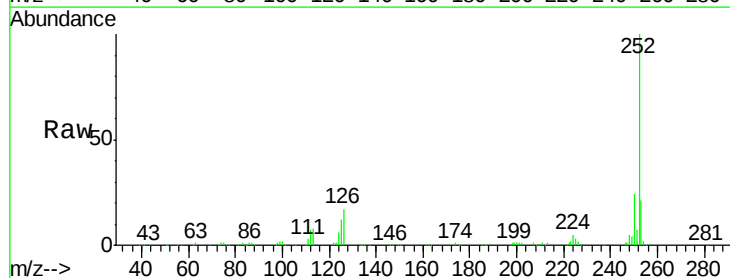
Delta R.T. -0.13 min

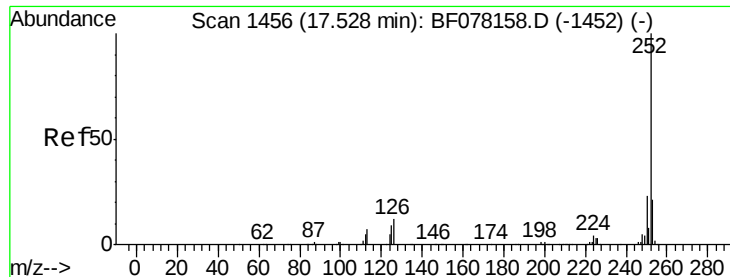
Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Tgt Ion:252 Resp: 313623

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	12.3	11.6	17.4





#89

Benzo(a)pyrene

Concen: 35.81 ng

RT: 17.28 min Scan# 1434

Delta R.T. -0.10 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS

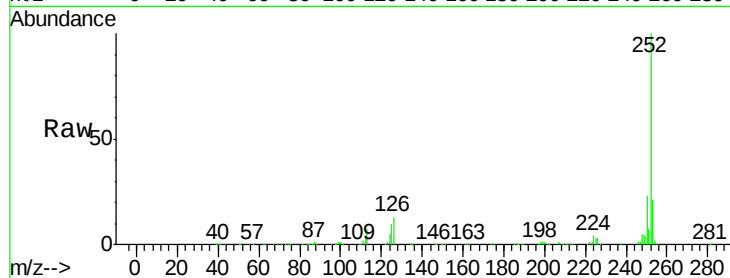
Tgt Ion:252 Resp: 275320

Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

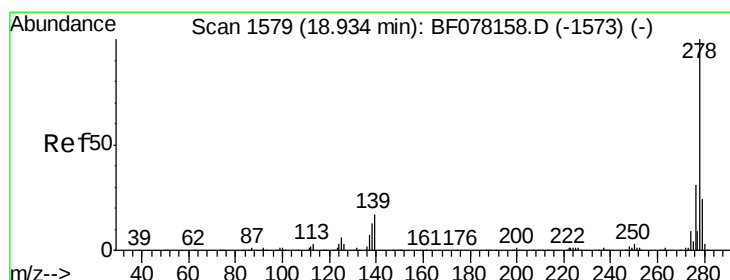
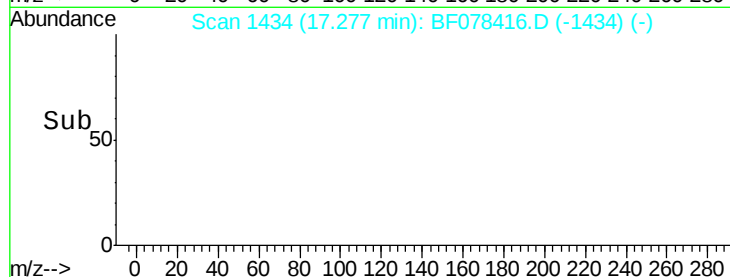
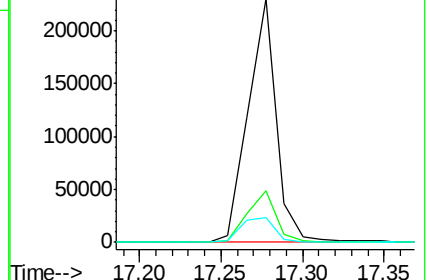
125 10.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.96 ng

RT: 18.58 min Scan# 1548

Delta R.T. -0.17 min

Lab File: BF078416.D

Acq: 10 Apr 2015 23:15

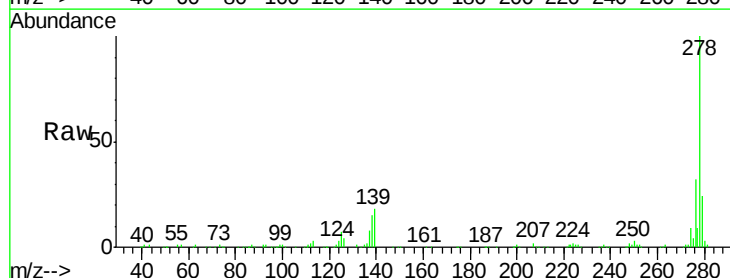
Tgt Ion:278 Resp: 238305

Ion Ratio Lower Upper

278 100

139 18.1 13.6 20.4

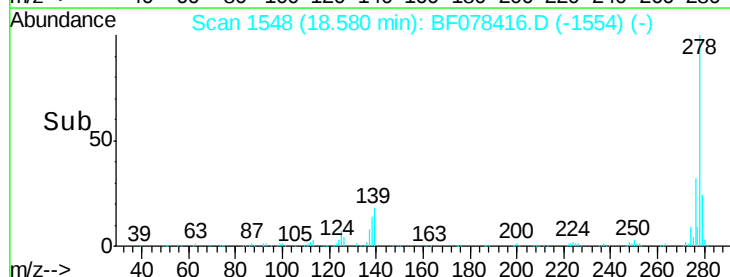
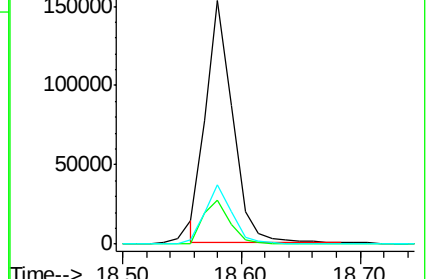
279 24.2 19.0 28.6

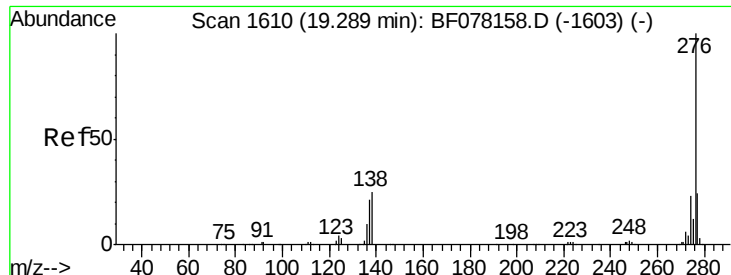


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.07 ng

RT: 18.91 min Scan# 1577

Delta R.T. -0.17 min

Lab File: BF078416.D

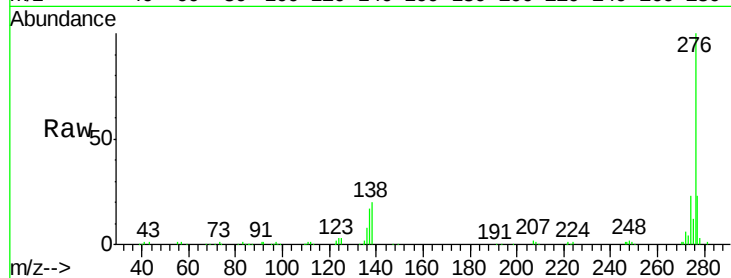
Acq: 10 Apr 2015 23:15

Instrument :

BNA_F

ClientSampleId :

OS-1AMS



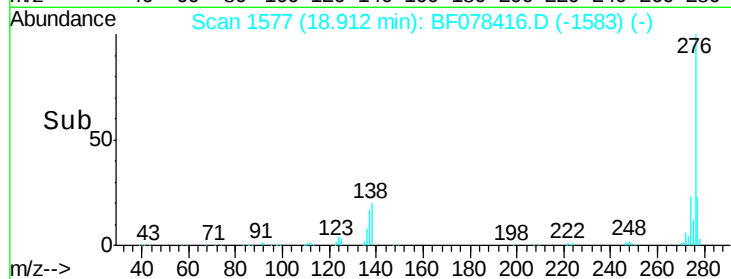
Tgt Ion: 276 Resp: 247500

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.1 19.9 29.9



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

