

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077080.D
 Acq On : 27 Jan 2015 8:50
 Operator : TP/IZ
 Sample : G1044-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Quant Time: Jan 27 13:44:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	36753	20.00	ng	0.01
21) Naphthalene-d8	10.69	136	164866	20.00	ng	0.01
38) Acenaphthene-d10	14.81	164	90443	20.00	ng	0.01
63) Phenanthrene-d10	17.64	188	144962	20.00	ng	0.00
75) Chrysene-d12	21.16	240	135806	20.00	ng	0.01
86) Perylene-d12	22.80	264	123964	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.81	112	154355	69.05	ng	0.03
7) Phenol-d6	7.21	99	124644	44.20	ng	0.05
23) Nitrobenzene-d5	9.09	82	261283	87.80	ng	0.01
41) 2,4,6-Tribromophenol	16.54	330	105399	143.57	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	530638	89.29	ng	0.00
78) Terphenyl-d14	19.89	244	462777	78.45	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.17	88	18579	19.41	ng	91
3) Pyridine	1.64	79	28464	11.49	ng	90
4) n-Nitrosodimethylamine	1.58	42	36723	29.93	ng	# 88
6) Aniline	7.06	93	134947	34.58	ng	93
8) 2-Chlorophenol	7.32	128	112692	43.73	ng	98
9) Benzaldehyde	6.79	77	9014	4.35	ng	# 1
10) Phenol	7.25	94	83712	27.96	ng	85
11) bis(2-Chloroethyl)ether	7.32	93	134713	57.50	ng	# 82
12) 1,3-Dichlorobenzene	7.61	146	127485	43.48	ng	98
13) 1,4-Dichlorobenzene	7.81	146	161980	52.10	ng	99
14) 1,2-Dichlorobenzene	8.13	146	158297	55.26	ng	98
15) Benzyl Alcohol	8.24	79	69753	30.57	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	138242	43.89	ng	# 46
17) 2-Methylphenol	8.60	107	78403	37.23	ng	94
18) Hexachloroethane	8.87	117	49146	45.45	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	86904	44.03	ng	98
20) 3+4-Methylphenols	8.96	107	148250	53.16	ng	96
22) Acetophenone	8.77	105	196798	48.73	ng	# 99
24) Nitrobenzene	9.12	77	139697	46.08	ng	96
25) Isophorone	9.73	82	240029	44.29	ng	99
26) 2-Nitrophenol	9.86	139	63581	41.22	ng	# 92
27) 2,4-Dimethylphenol	10.16	122	117421	50.09	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	151294	49.12	ng	98
29) 2,4-Dichlorophenol	10.48	162	93560	42.82	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	102421	42.20	ng	96
31) Naphthalene	10.73	128	708630	83.49	ng	100
32) Benzoic acid	10.52	122	96094	73.99	ng	# 15
33) 4-Chloroaniline	10.98	127	38564	11.24	ng	96
34) Hexachlorobutadiene	11.10	225	60933	42.32	ng	98
36) 4-Chloro-3-methylphenol	12.32	107	222190	88.82	ng	# 47
37) 2-Methylnaphthalene	12.39	142	291205	50.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	97441	43.58	ng	97
40) Hexachlorocyclopentadiene	12.78	237	47688	41.93	ng	92
42) 2,4,6-Trichlorophenol	13.15	196	68634	42.13	ng	97

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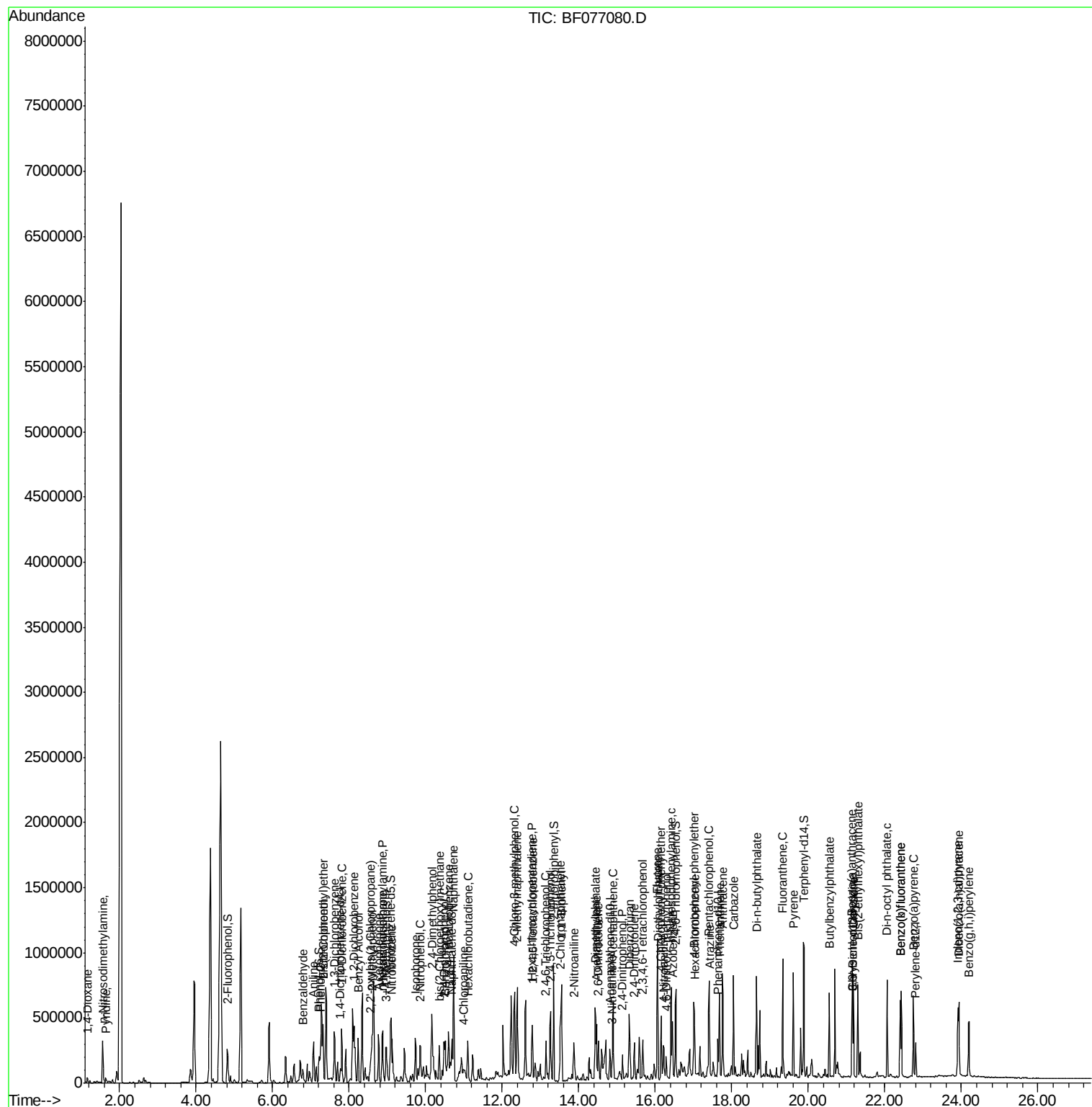
Quant Time: Jan 27 13:44:37 2015
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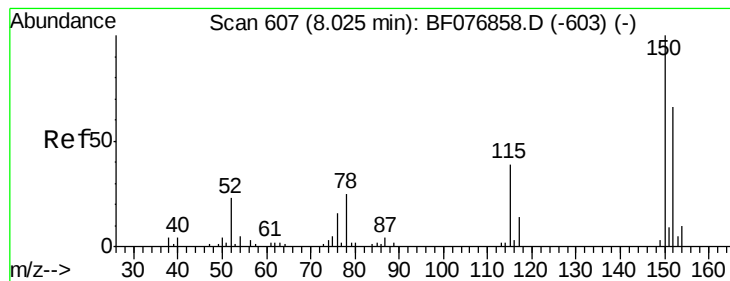
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.25	196	70511	42.43	ng	# 93
45) 1,1'-Biphenyl	13.55	154	290932	43.39	ng	98
46) 2-Chloronaphthalene	13.52	162	232063	42.06	ng	97
47) 2-Nitroaniline	13.88	65	76864	45.92	ng	# 83
48) Acenaphthylene	14.47	152	367864	39.53	ng	99
49) Dimethylphthalate	14.43	163	307995	48.02	ng	98
50) 2,6-Dinitrotoluene	14.52	165	59096	46.12	ng	94
51) Acenaphthene	14.89	154	223597	42.35	ng	97
52) 3-Nitroaniline	14.86	138	17638	11.96	ng	# 78
53) 2,4-Dinitrophenol	15.15	184	37933	65.56	ng	# 89
54) Dibenzofuran	15.32	168	327680	42.60	ng	97
56) 2,4-Dinitrotoluene	15.45	165	80253	42.05	ng	93
57) Fluorene	16.06	166	268925	41.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.67	232	54835	45.32	ng	97
59) Diethylphthalate	16.07	149	318992	49.21	ng	98
60) 4-Chlorophenyl-phenylether	16.15	204	116042	43.52	ng	98
61) 4-Nitroaniline	16.22	138	48676	30.66	ng	96
62) Azobenzene	16.45	77	300479	44.49	ng	96
64) 4,6-Dinitro-2-methylphenol	16.29	198	28316	31.61	ng	77
65) n-Nitrosodiphenylamine	16.41	169	288829	55.88	ng	97
66) 4-Bromophenyl-phenylether	17.01	248	67410	45.90	ng	96
67) Hexachlorobenzene	17.03	284	67307	43.49	ng	92
68) Atrazine	17.42	200	76350	48.68	ng	97
69) Pentachlorophenol	17.41	266	70007	97.00	ng	96
70) Phenanthrene	17.68	178	387921	42.91	ng	98
71) Anthracene	17.75	178	367957	41.74	ng	98
72) Carbazole	18.05	167	361378	42.27	ng	99
73) Di-n-butylphthalate	18.64	149	463577	46.84	ng	99
74) Fluoranthene	19.33	202	395094	42.65	ng	99
77) Pyrene	19.61	202	411476	44.21	ng	98
79) Butylbenzylphthalate	20.55	149	214316	50.84	ng	99
80) Benzo(a)anthracene	21.15	228	364269	42.75	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	8994	3.32	ng	# 95
82) Chrysene	21.18	228	338054	43.51	ng	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	306930	52.63	ng	98
84) Di-n-octyl phthalate	22.06	149	511970	50.58	ng	# 98
85) Indeno(1,2,3-cd)pyrene	23.91	276	357187	43.37	ng	# 84
87) Benzo(b)fluoranthene	22.40	252	362974	43.47	ng	# 96
88) Benzo(k)fluoranthene	22.40	252	362956	49.76	ng	99
89) Benzo(a)pyrene	22.75	252	314381	42.69	ng	# 97
90) Dibenzo(a,h)anthracene	23.93	278	291934	43.20	ng	# 94
91) Benzo(g,h,i)perylene	24.20	276	297190	44.24	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

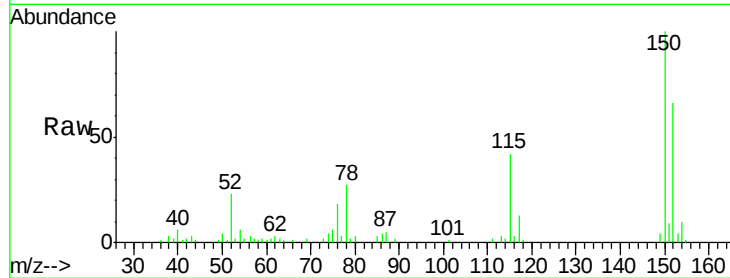
Tgt Ion:152 Resp: 36753

Ion Ratio Lower Upper

152 100

150 150.4 121.7 182.5

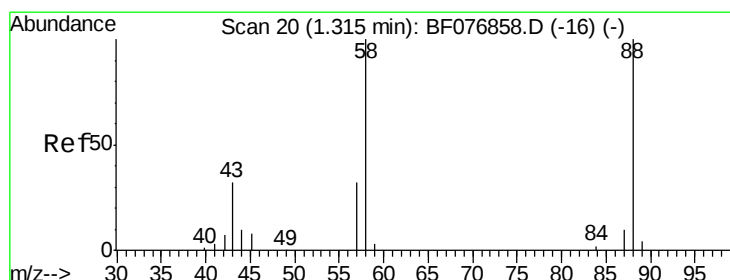
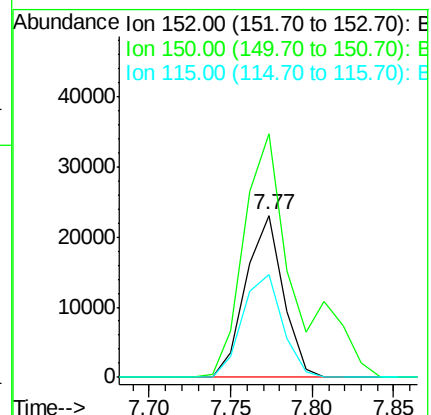
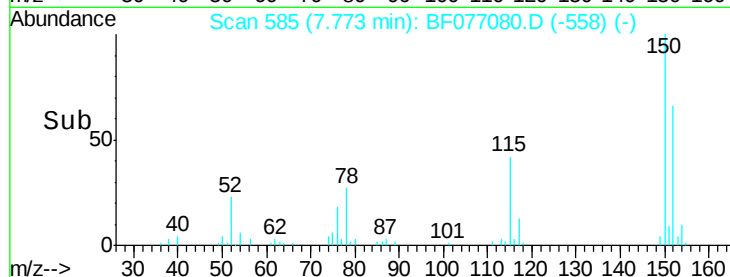
115 63.7 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.41 ng

RT: 1.17 min Scan# 7

Delta R.T. 0.02 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

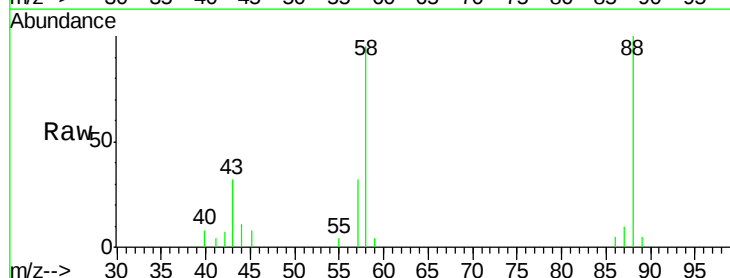
Tgt Ion: 88 Resp: 18579

Ion Ratio Lower Upper

88 100

58 105.8 77.0 115.4

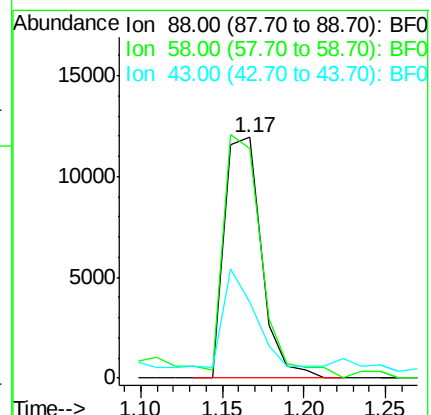
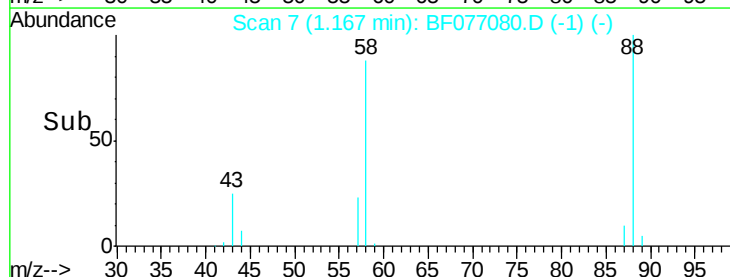
43 34.8 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.49 ng

RT: 1.64 min Scan# 48

Delta R.T. 0.06 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

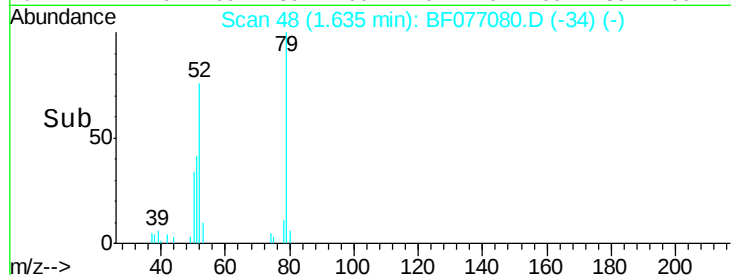
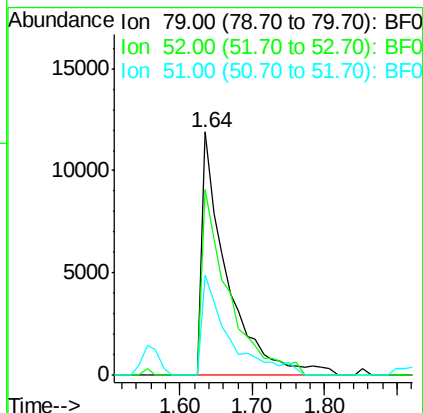
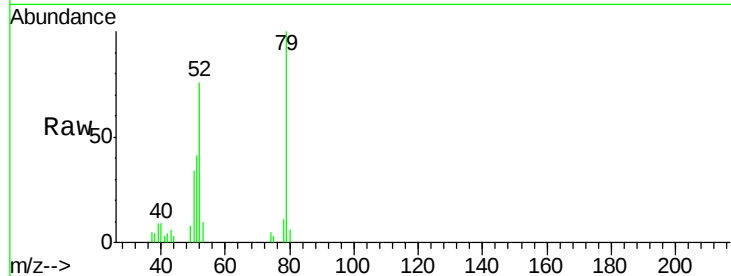
Tgt Ion: 79 Resp: 28464

Ion Ratio Lower Upper

79 100

52 76.4 70.1 105.1

51 41.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 29.93 ng

RT: 1.58 min Scan# 43

Delta R.T. 0.02 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

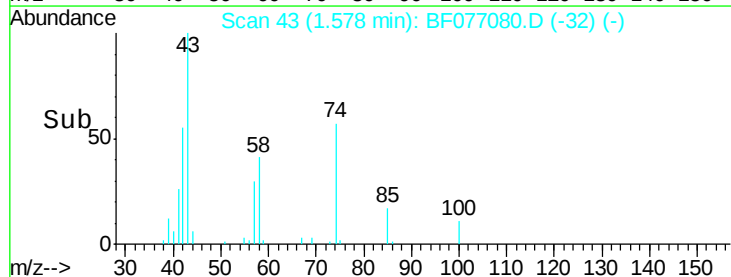
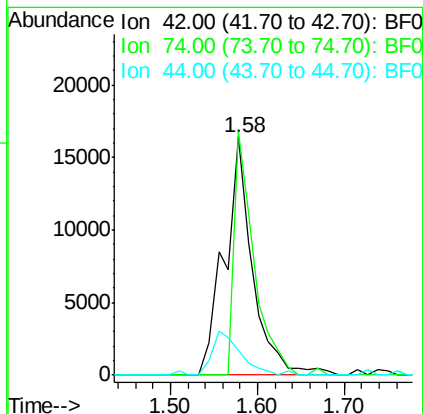
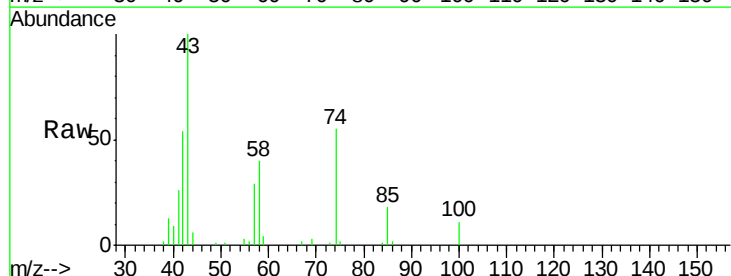
Tgt Ion: 42 Resp: 36723

Ion Ratio Lower Upper

42 100

74 102.2 92.4 138.6

44 10.2 6.2 9.2#





#5

2-Fluorophenol

Concen: 69.05 ng

RT: 4.81 min Scan# 326

Delta R.T. 0.03 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

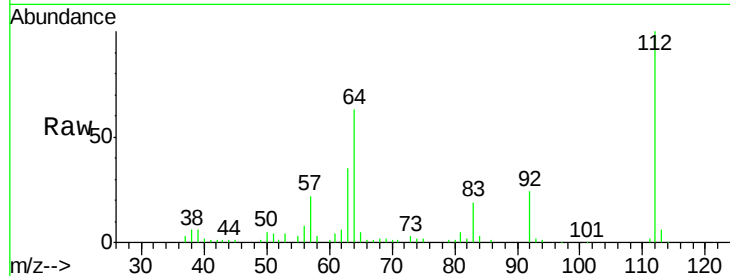
Instrument :

BNA_F

ClientSampleId :

SP-1AMS

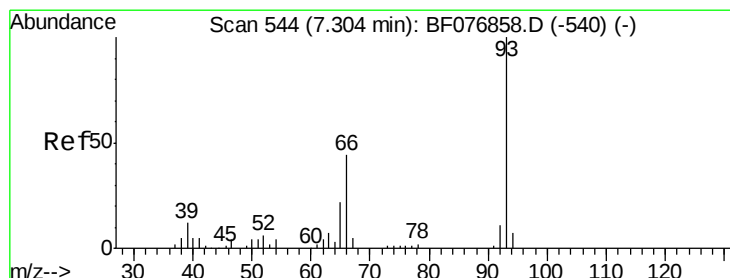
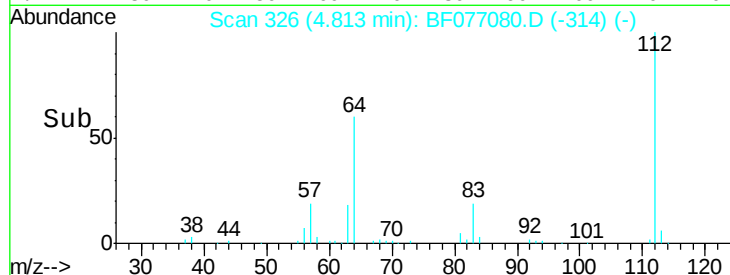
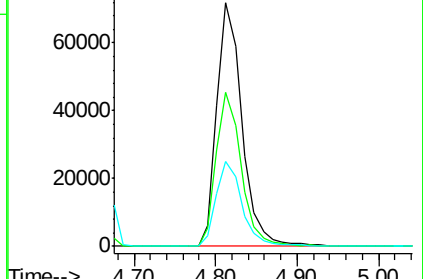
Tgt Ion:	112	Resp:	154355
Ion	Ratio	Lower	Upper
112	100		
64	63.3	54.2	81.4
63	34.8	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.58 ng

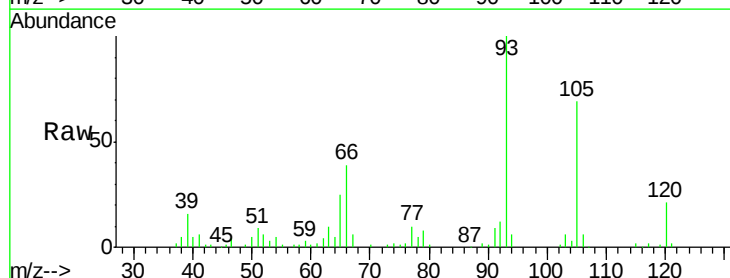
RT: 7.06 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

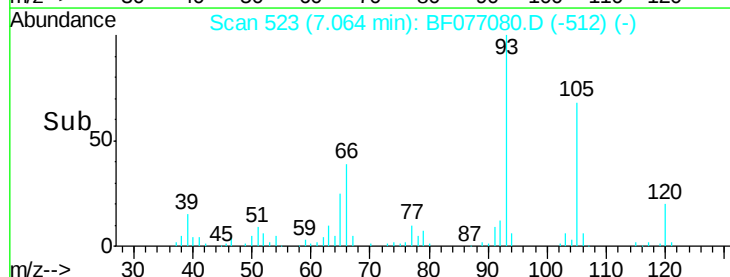
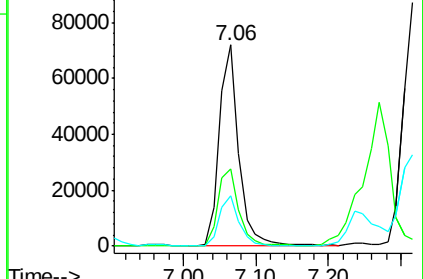
Tgt Ion:	93	Resp:	134947
Ion	Ratio	Lower	Upper
93	100		
66	38.6	35.0	52.4
65	25.1	17.7	26.5

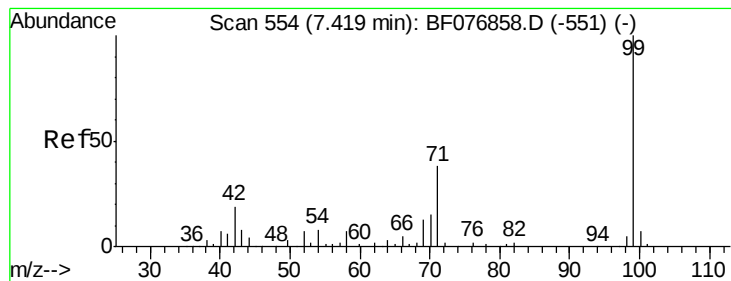


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 44.20 ng

RT: 7.21 min Scan# 536

Delta R.T. 0.05 min

Lab File: BF077080.D

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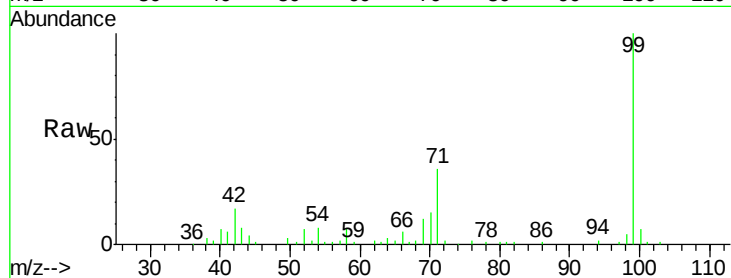
Tgt Ion: 99 Resp: 124644

Ion Ratio Lower Upper

99 100

42 17.4 15.0 22.4

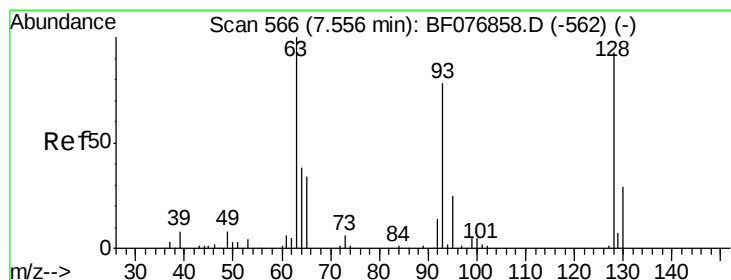
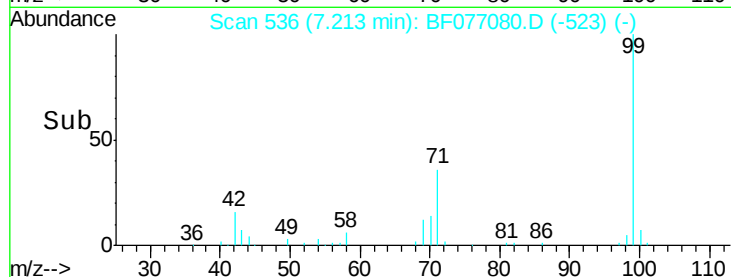
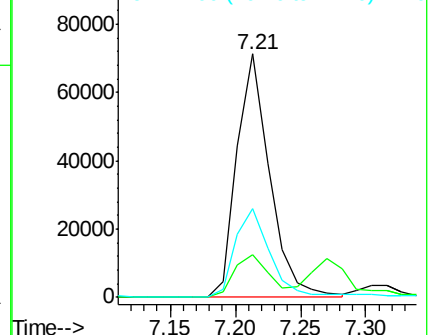
71 36.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.73 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

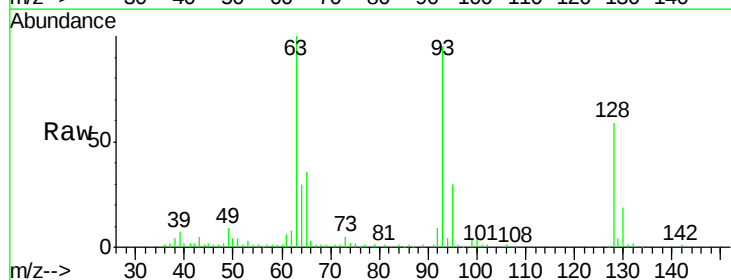
Tgt Ion: 128 Resp: 112692

Ion Ratio Lower Upper

128 100

130 32.0 11.0 51.0

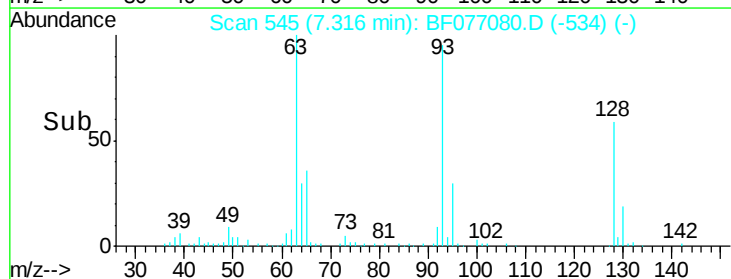
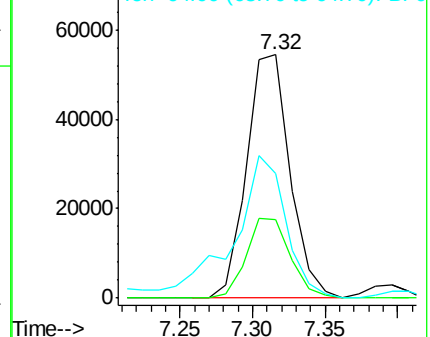
64 51.0 29.3 69.3

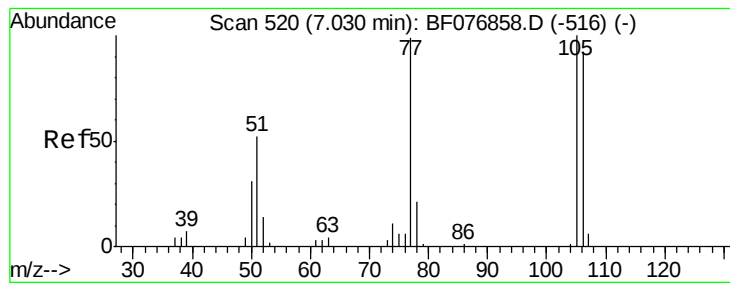


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.35 ng

RT: 6.79 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF077080.D

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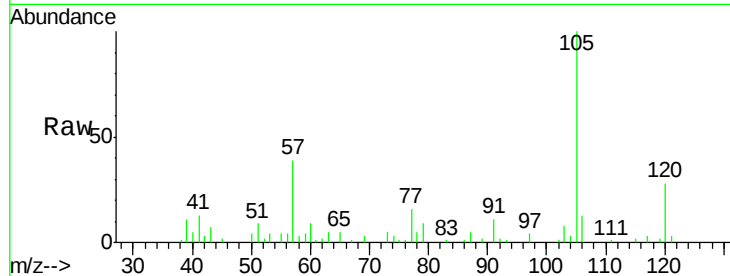
Tgt Ion: 77 Resp: 9014

Ion Ratio Lower Upper

77 100

105 618.3 81.4 121.4#

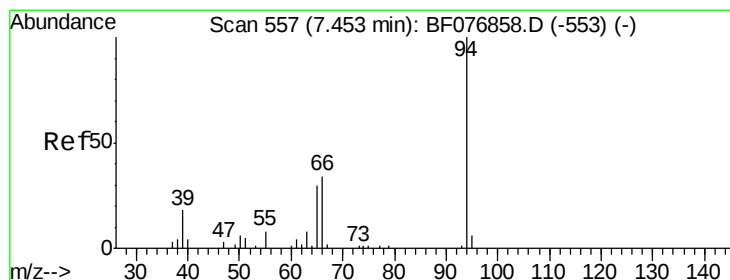
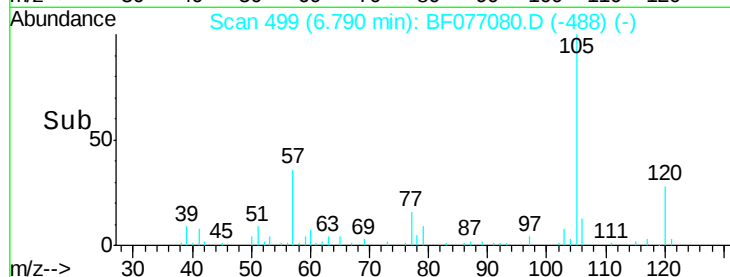
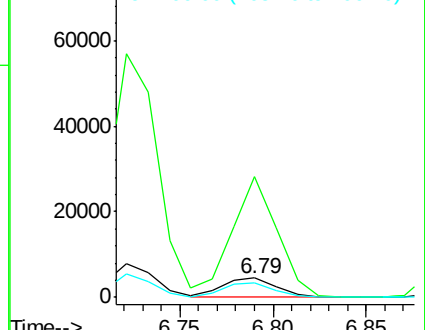
106 77.8 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 27.96 ng

RT: 7.25 min Scan# 539

Delta R.T. 0.05 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

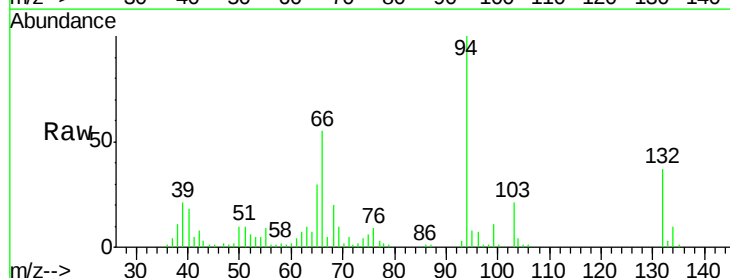
Tgt Ion: 94 Resp: 83712

Ion Ratio Lower Upper

94 100

65 29.8 11.3 51.3

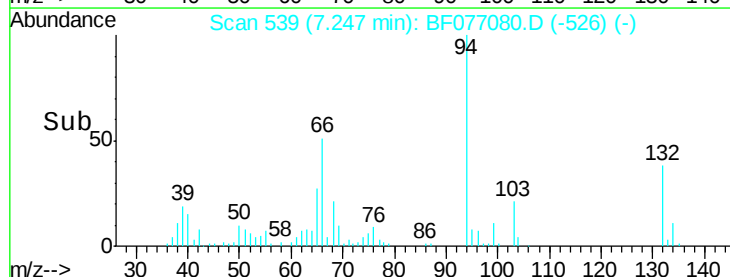
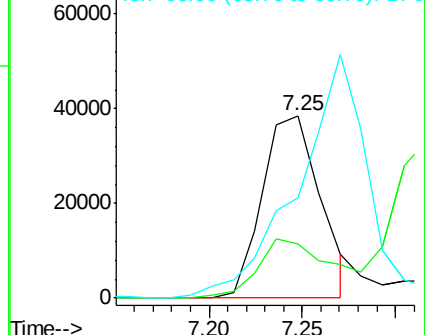
66 55.1 19.5 59.5

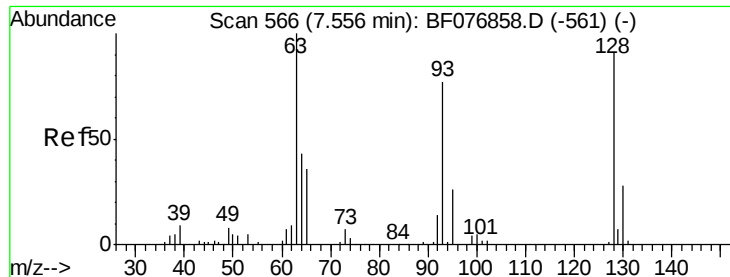


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

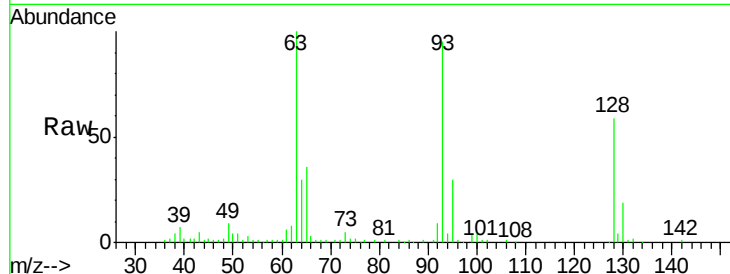




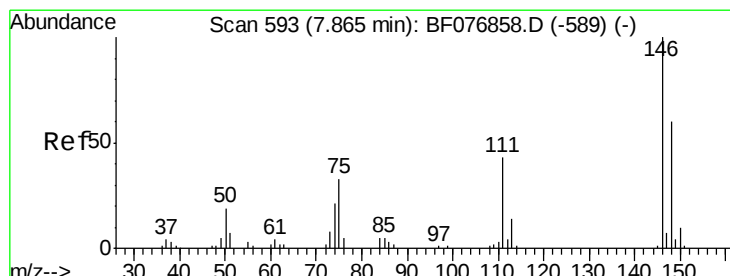
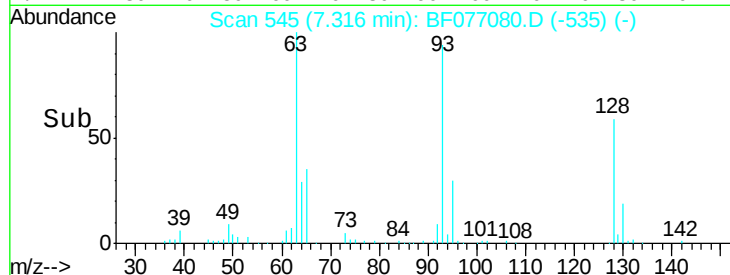
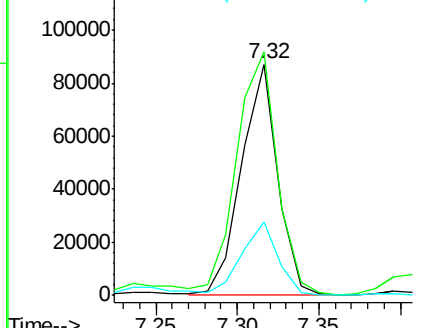
#11
bis(2-Chloroethyl)ether
Concen: 57.50 ng
RT: 7.32 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion: 93 Resp: 134713
Ion Ratio Lower Upper
93 100
63 105.4 111.3 151.3#
95 31.9 13.8 53.8

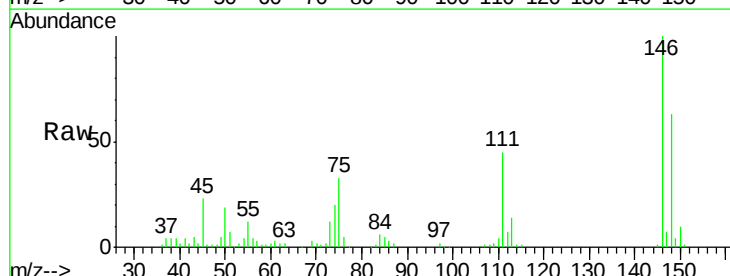


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

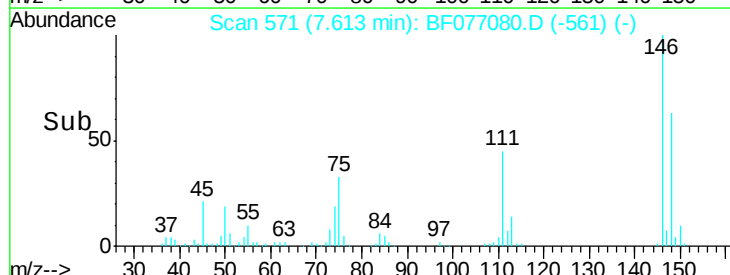
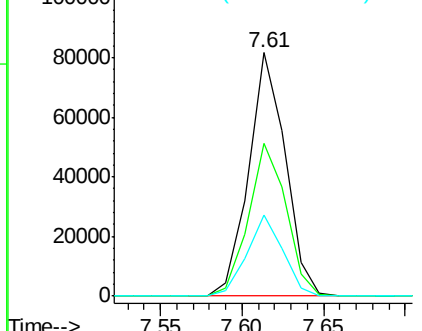


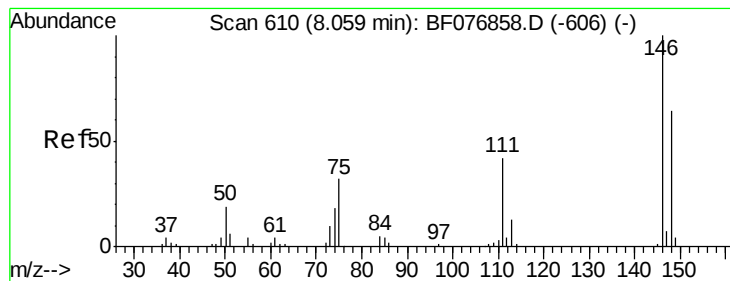
#12
1,3-Dichlorobenzene
Concen: 43.48 ng
RT: 7.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion: 146 Resp: 127485
Ion Ratio Lower Upper
146 100
148 62.8 48.1 72.1
75 33.3 26.8 40.2



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

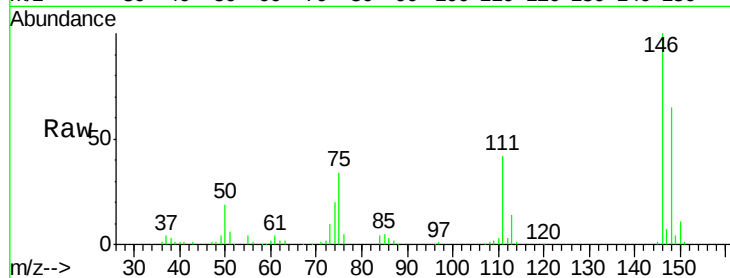




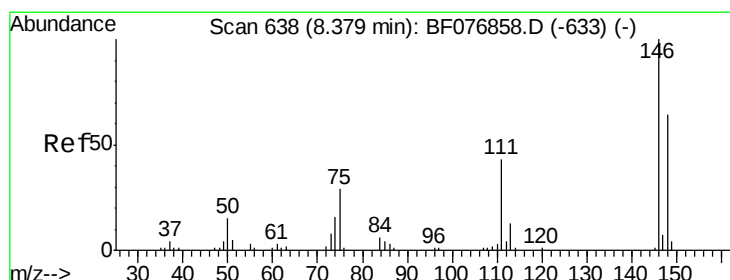
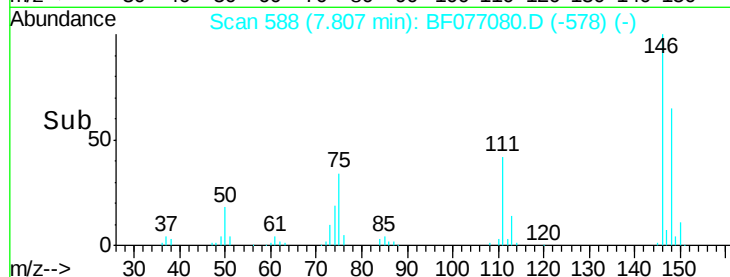
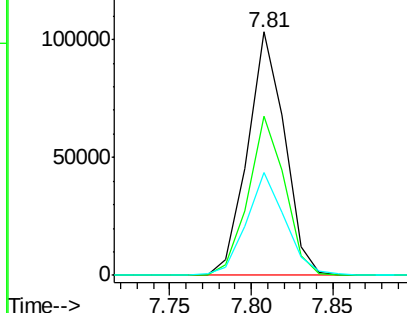
#13
 1,4-Dichlorobenzene
 Concen: 52.10 ng
 RT: 7.81 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:146 Resp: 161980
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.5 77.3
 111 42.2 33.9 50.9

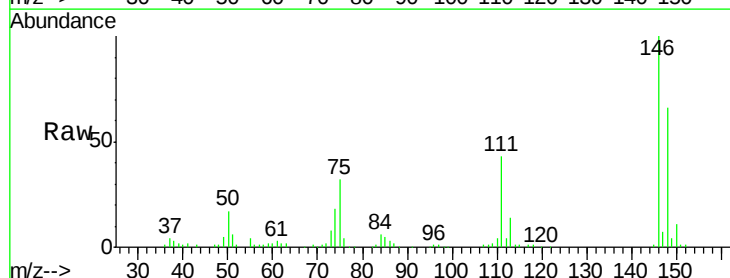


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

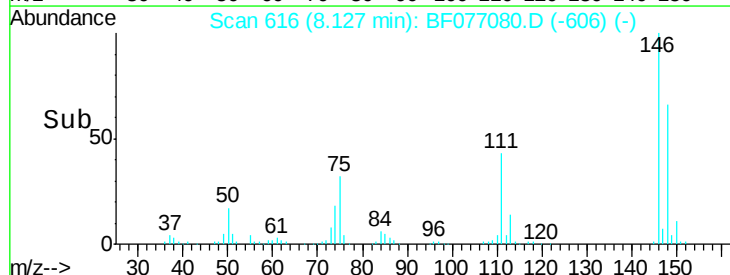
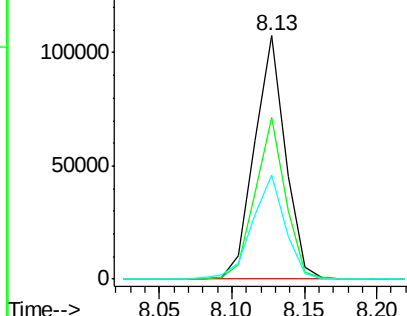


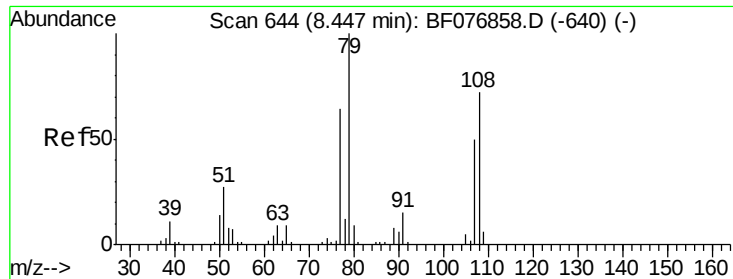
#14
 1,2-Dichlorobenzene
 Concen: 55.26 ng
 RT: 8.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:146 Resp: 158297
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.3 76.9
 111 42.9 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 30.57 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.03 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampled :

SP-1AMS

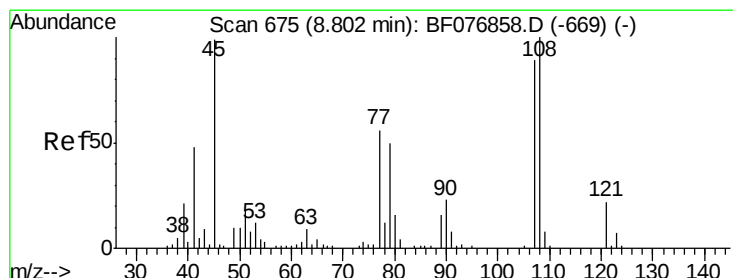
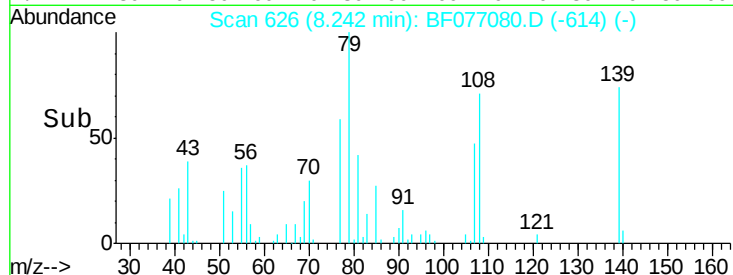
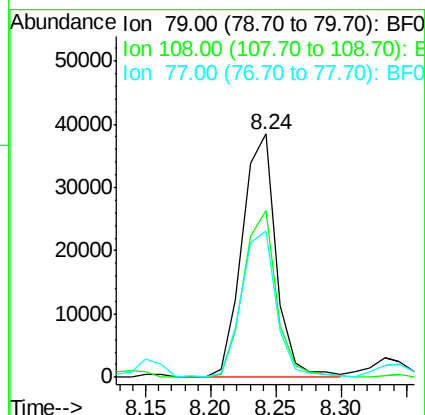
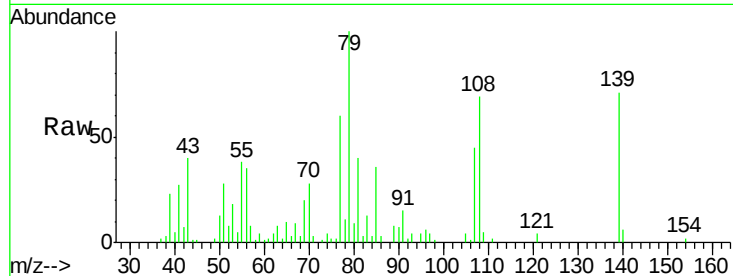
Tgt Ion: 79 Resp: 69753

Ion Ratio Lower Upper

79 100

108 68.7 57.2 85.8

77 60.1 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.89 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

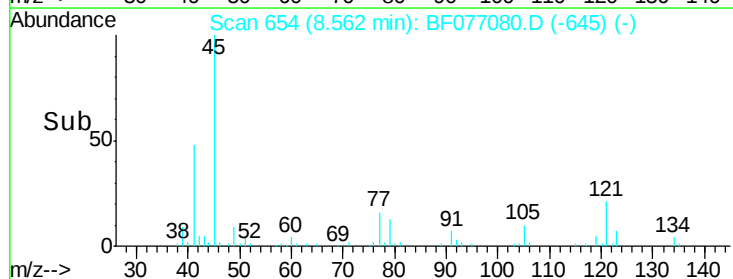
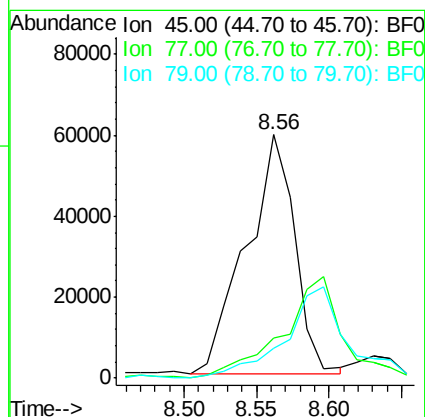
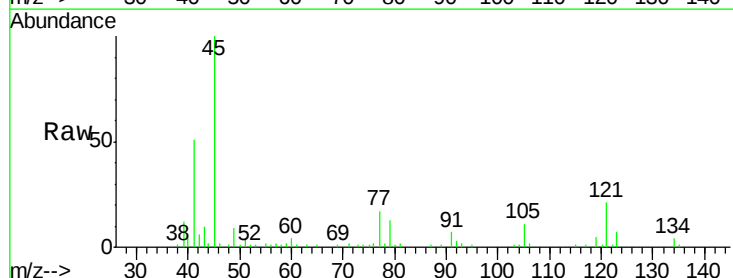
Tgt Ion: 45 Resp: 138242

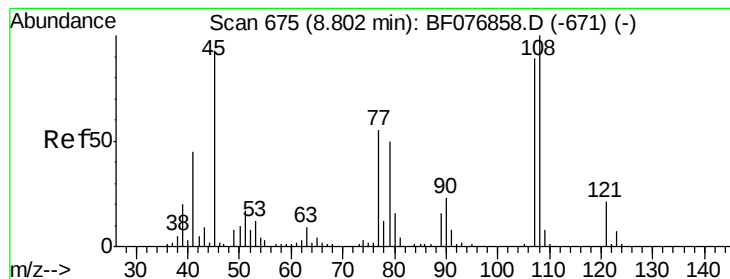
Ion Ratio Lower Upper

45 100

77 16.7 36.1 76.1#

79 12.5 30.5 70.5#





#17

2-Methylphenol

Concen: 37.23 ng

RT: 8.60 min Scan# 657

Delta R.T. 0.03 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

Tgt Ion:107 Resp: 78403

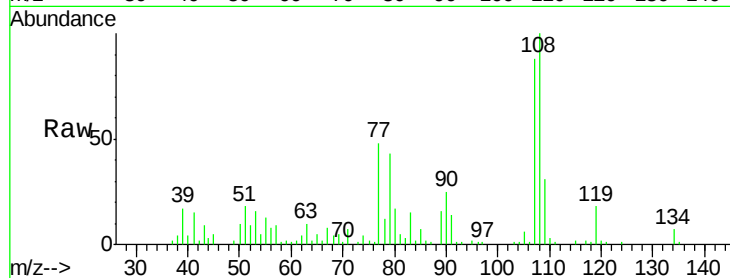
Ion Ratio Lower Upper

107 100

108 113.4 89.7 134.5

77 54.0 50.1 75.1

79 48.6 45.0 67.6



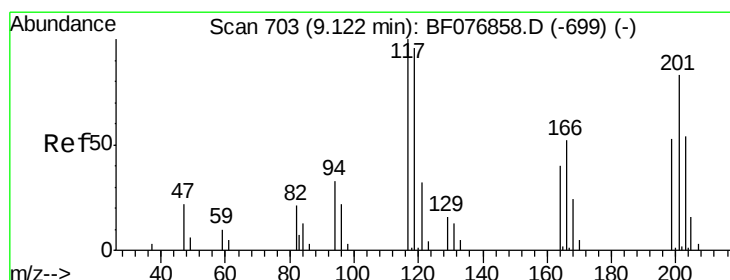
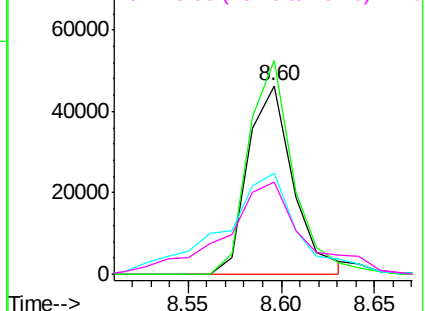
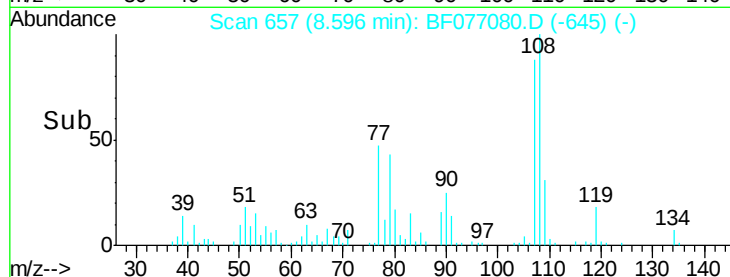
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.45 ng

RT: 8.87 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

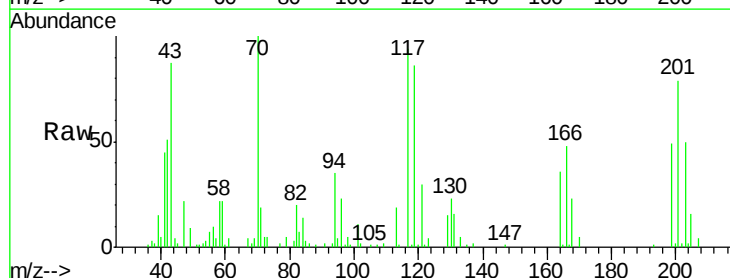
Tgt Ion:117 Resp: 49146

Ion Ratio Lower Upper

117 100

119 91.5 77.1 115.7

201 84.1 66.8 100.2

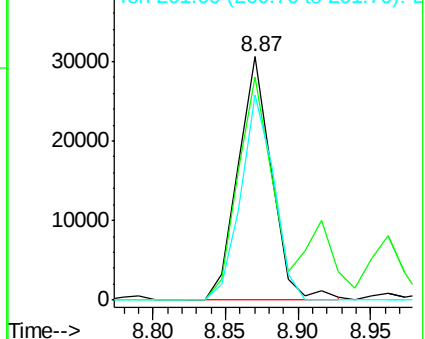
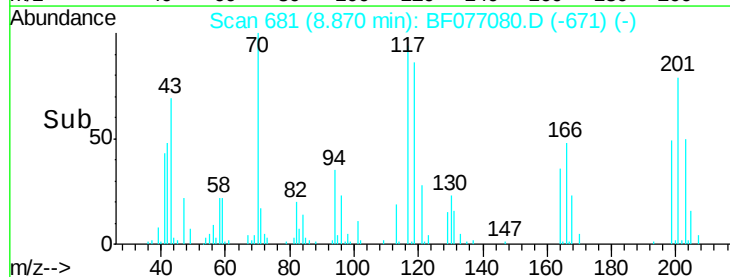


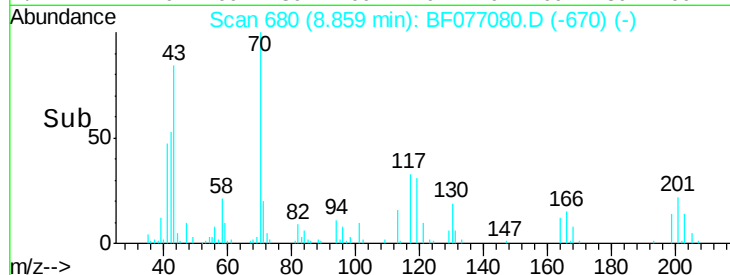
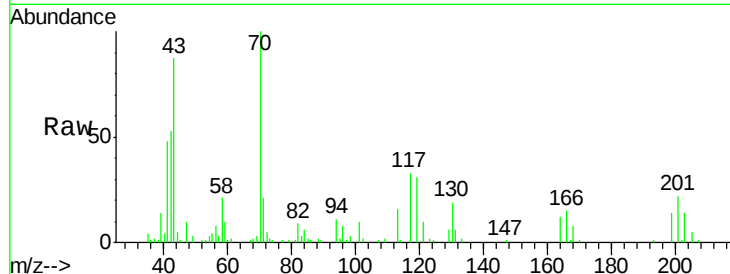
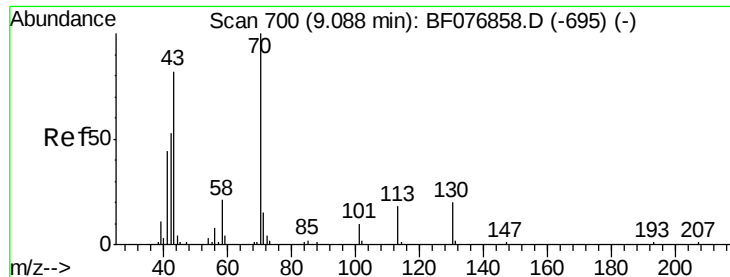
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

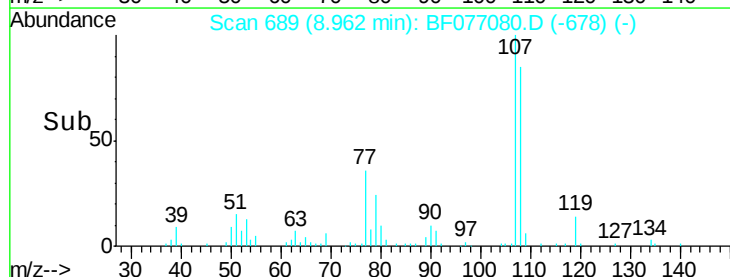
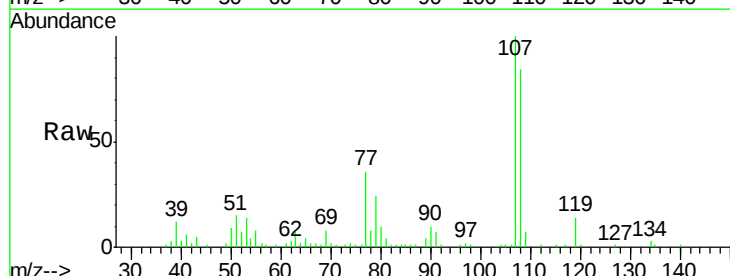
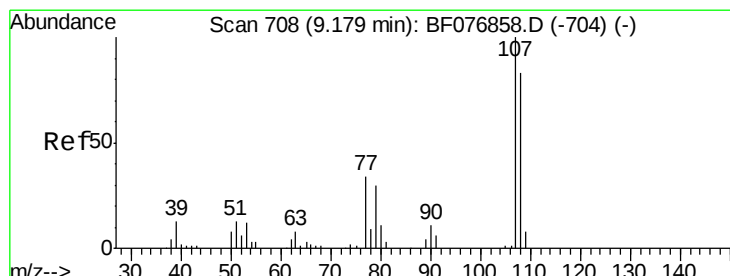
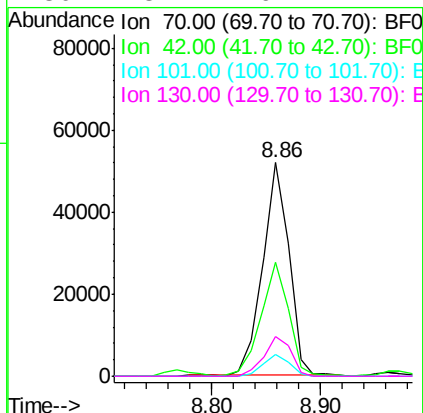




#19
n-Nitroso-di-n-propylamine
Concen: 44.03 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

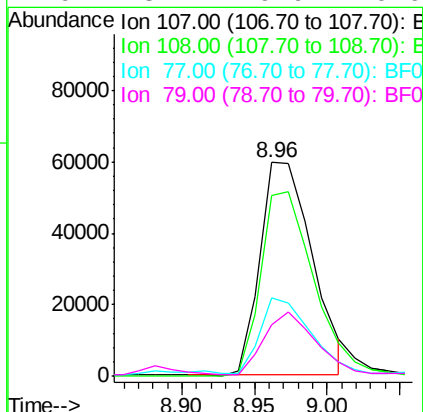
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion:	70	Resp:	86904
Ion	Ratio	Lower	Upper
70	100		
42	53.3	42.1	63.1
101	10.0	7.8	11.8
130	18.7	16.2	24.4



#20
3+4-Methylphenols
Concen: 53.16 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.02 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion:	107	Resp:	148250
Ion	Ratio	Lower	Upper
107	100		
108	84.3	63.5	103.5
77	36.4	14.0	54.0
79	23.7	9.9	49.9

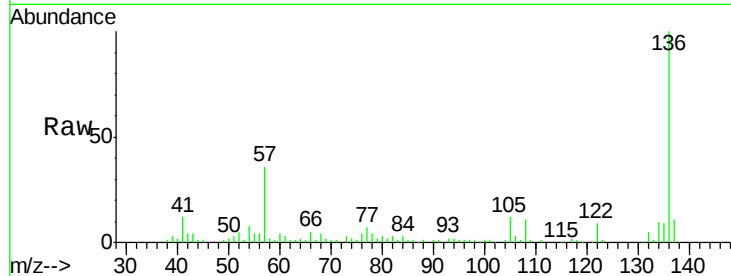




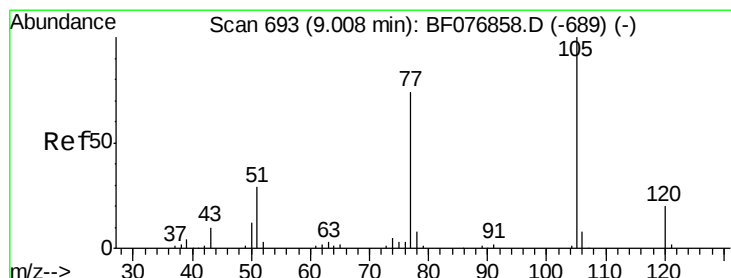
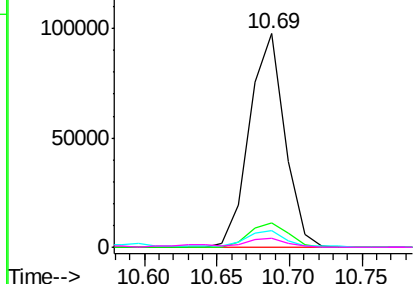
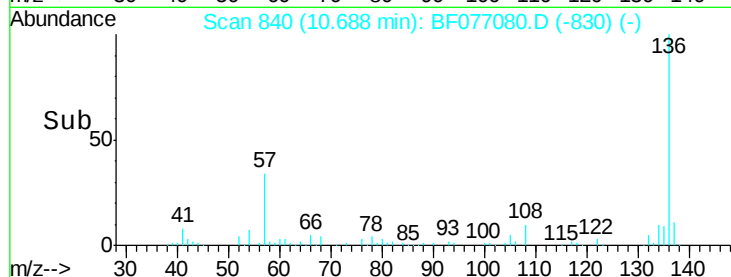
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.69 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion:	136	Resp:	164866
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.1	12.1
54	7.6	7.0	10.4
68	4.4	3.7	5.5

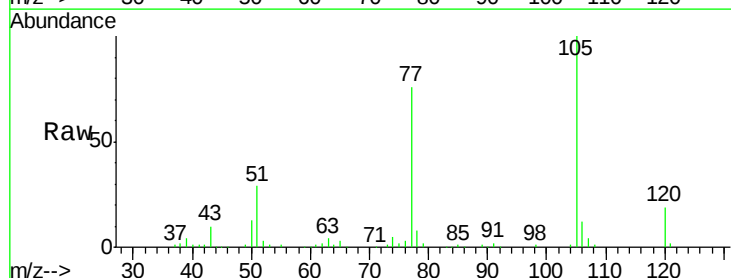


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

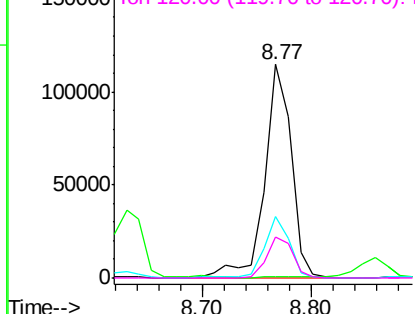
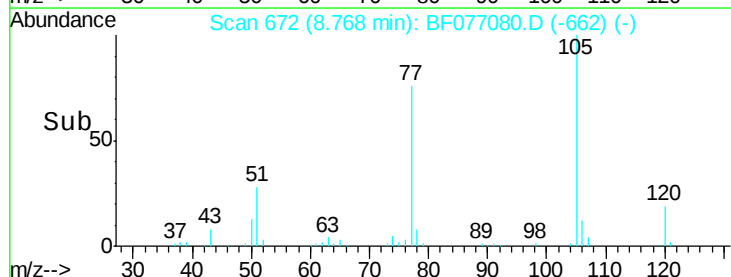


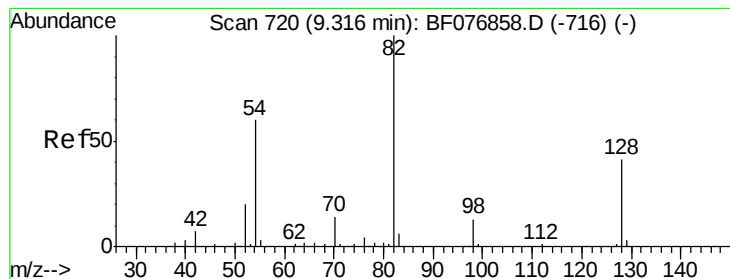
#22
Acetophenone
Concen: 48.73 ng
RT: 8.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion:	105	Resp:	196798
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.0	0.0#
51	28.8	23.3	34.9
120	19.4	16.1	24.1



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





#23

Nitrobenzene-d5

Concen: 87.80 ng

RT: 9.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

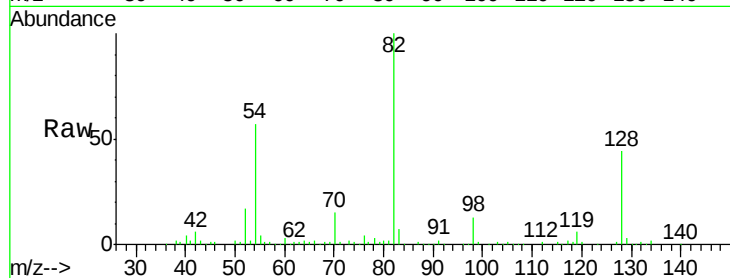
Tgt Ion: 82 Resp: 261283

Ion Ratio Lower Upper

82 100

128 43.8 33.1 49.7

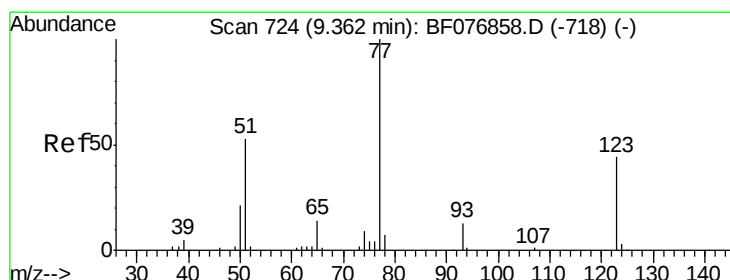
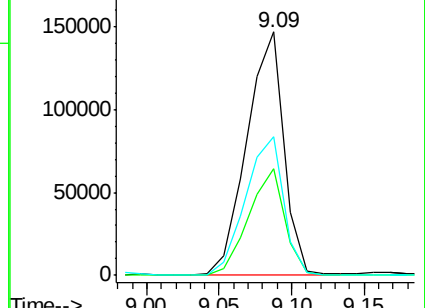
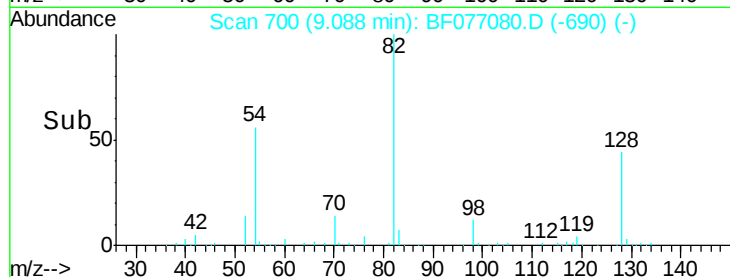
54 57.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.08 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

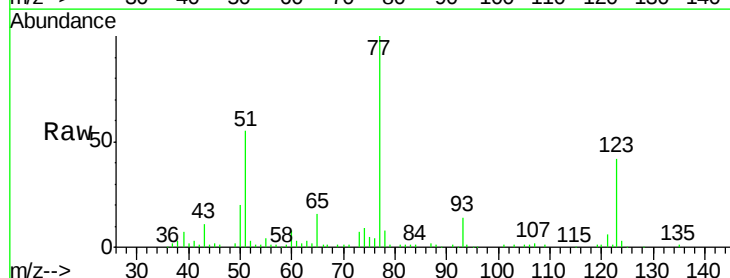
Tgt Ion: 77 Resp: 139697

Ion Ratio Lower Upper

77 100

123 41.7 35.2 52.8

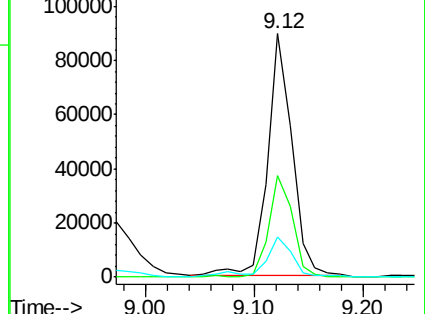
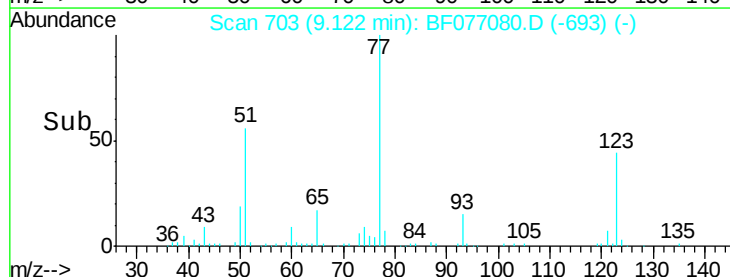
65 16.5 11.4 17.2

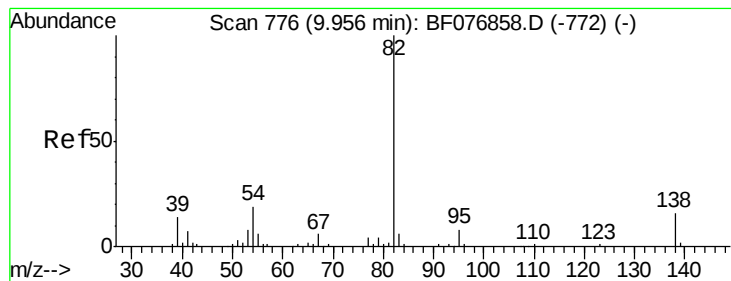


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.29 ng

RT: 9.73 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

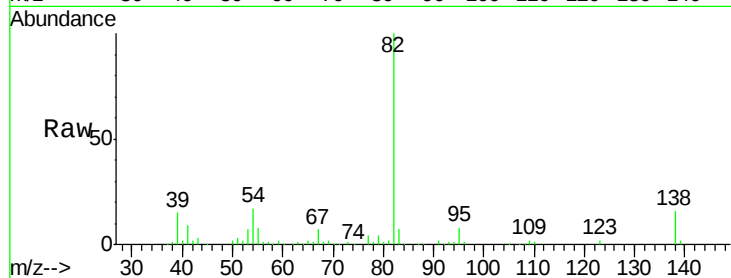
Tgt Ion: 82 Resp: 240029

Ion Ratio Lower Upper

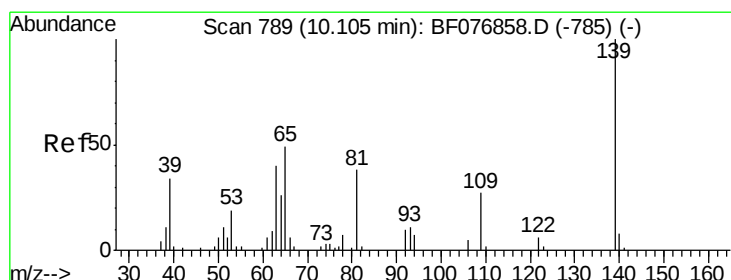
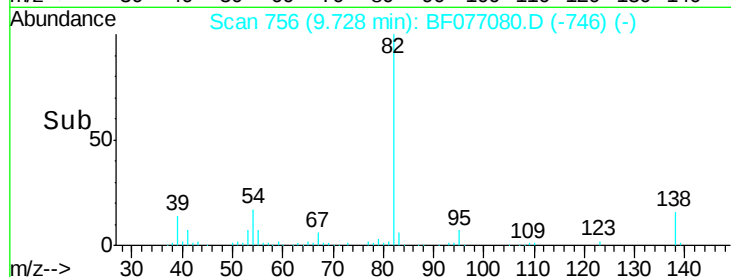
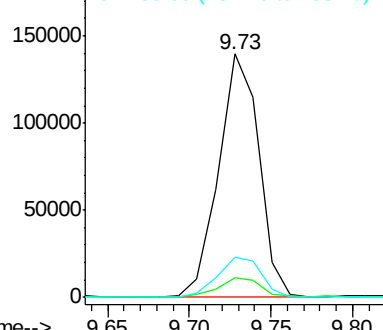
82 100

95 8.0 6.6 10.0

138 16.3 12.6 18.8



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



#26

2-Nitrophenol

Concen: 41.22 ng

RT: 9.86 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

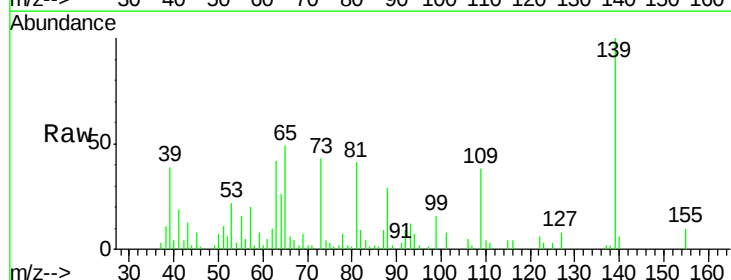
Tgt Ion: 139 Resp: 63581

Ion Ratio Lower Upper

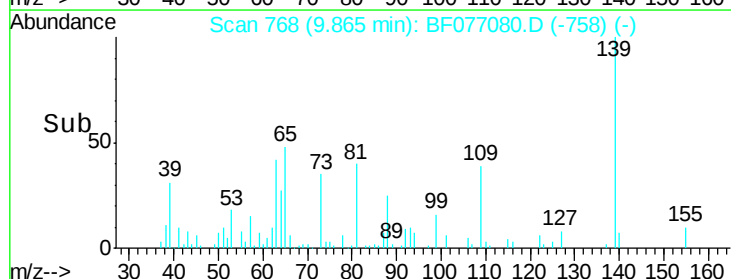
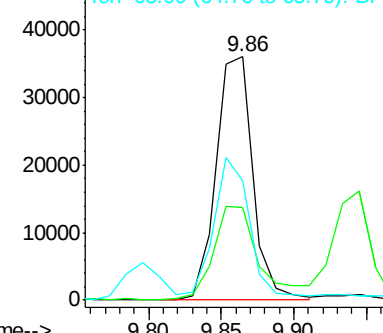
139 100

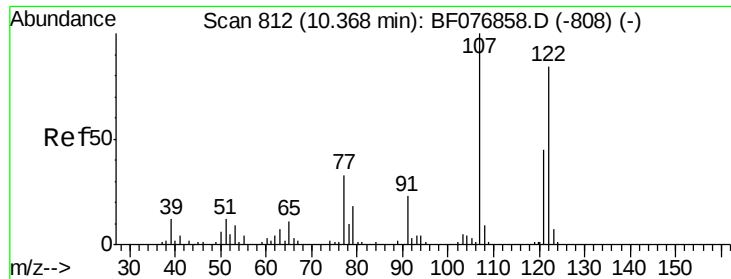
109 38.2 21.3 31.9#

65 48.9 39.4 59.0



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

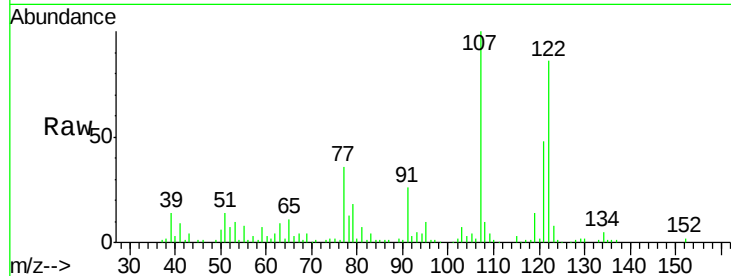




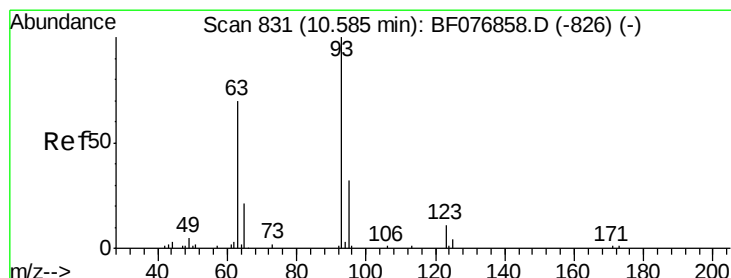
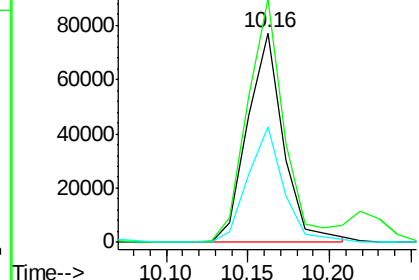
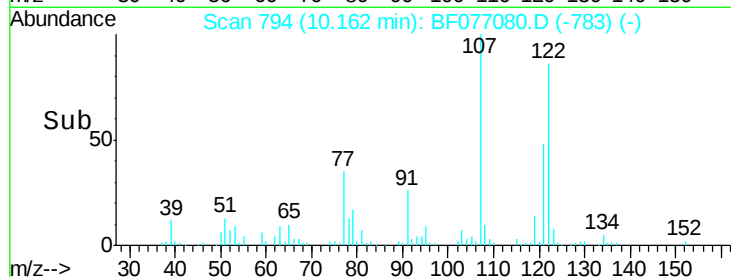
#27
 2,4-Dimethylphenol
 Concen: 50.09 ng
 RT: 10.16 min Scan# 794
 Delta R.T. 0.02 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion: 122 Resp: 117421
 Ion Ratio Lower Upper
 122 100
 107 116.4 95.2 142.8
 121 55.5 42.9 64.3

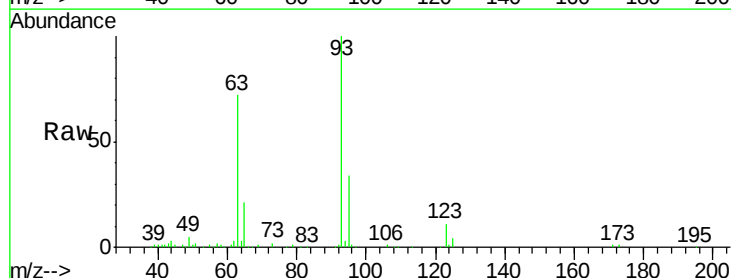


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

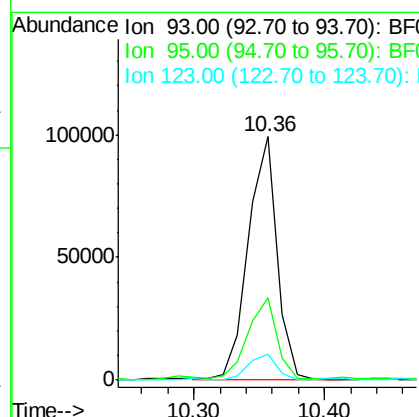
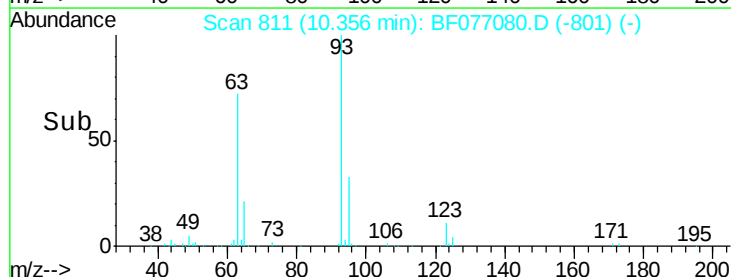


#28
 bis(2-Chloroethoxy)methane
 Concen: 49.12 ng
 RT: 10.36 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion: 93 Resp: 151294
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.6 38.4
 123 10.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

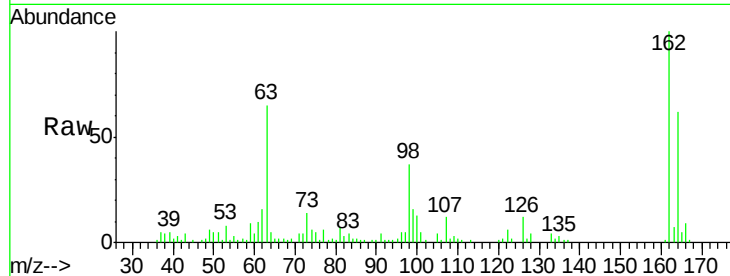




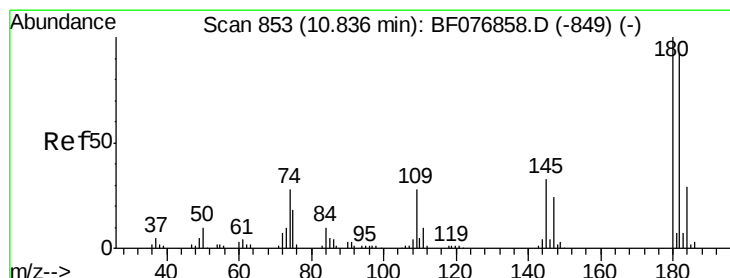
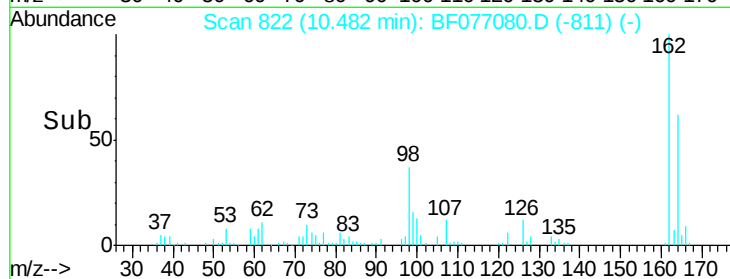
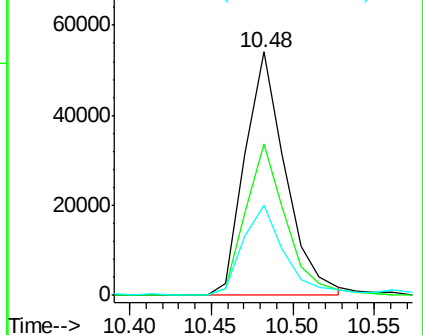
#29
 2,4-Dichlorophenol
 Concen: 42.82 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.02 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:162 Resp: 93560
 Ion Ratio Lower Upper
 162 100
 164 62.2 43.8 83.8
 98 37.1 22.5 62.5

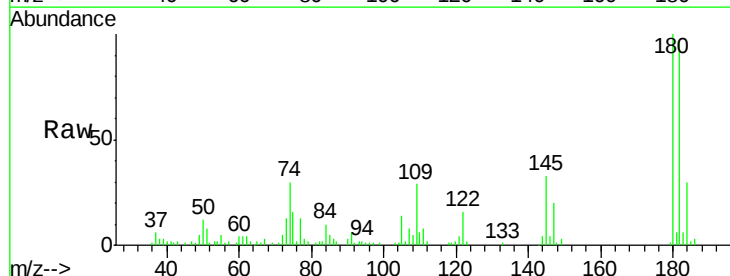


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

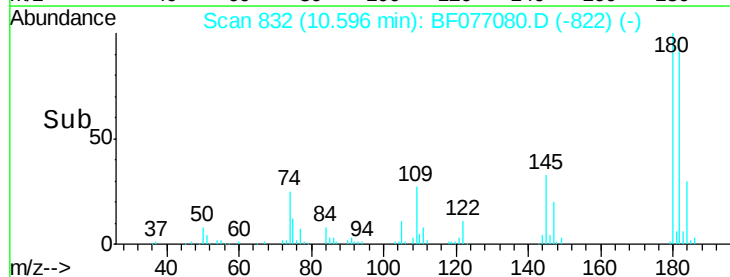
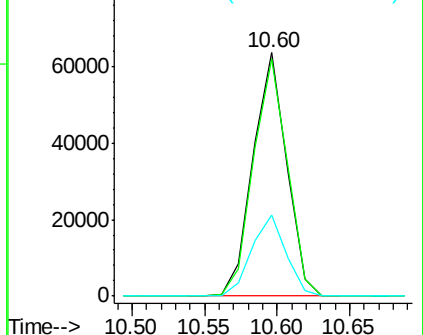


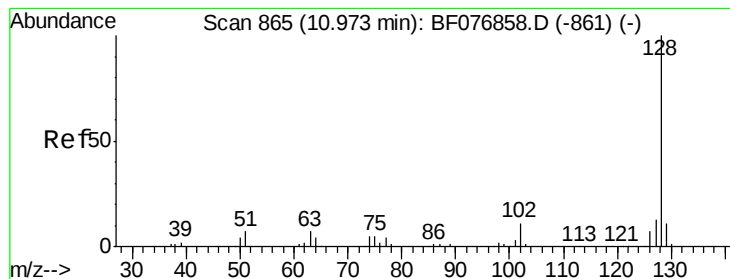
#30
 1,2,4-Trichlorobenzene
 Concen: 42.20 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:180 Resp: 102421
 Ion Ratio Lower Upper
 180 100
 182 97.2 73.6 110.4
 145 33.4 26.6 39.8



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

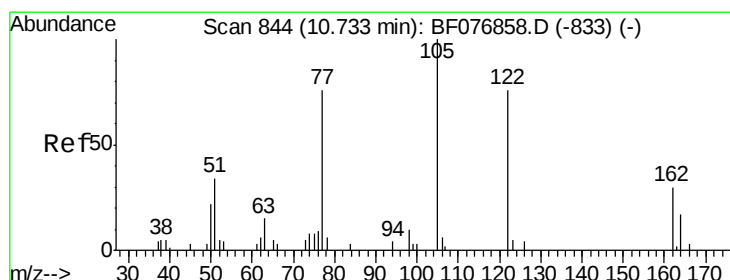
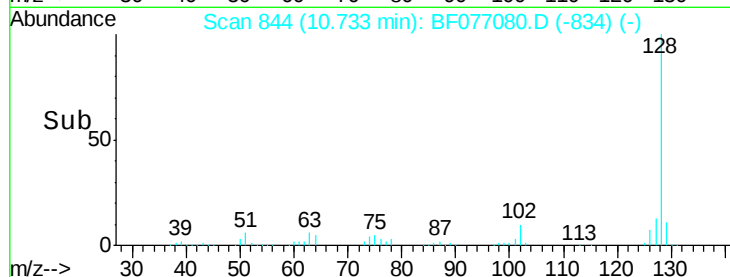
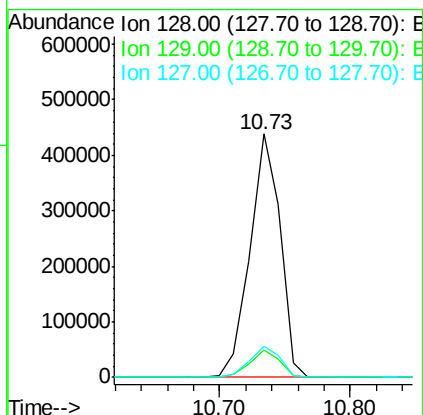
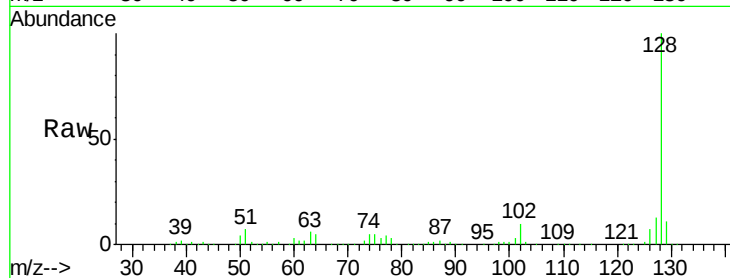




#31
Naphthalene
Concen: 83.49 ng
RT: 10.73 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

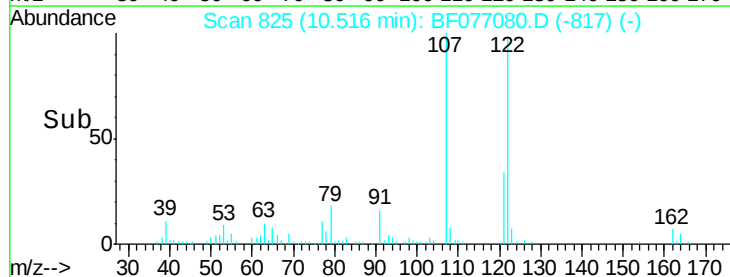
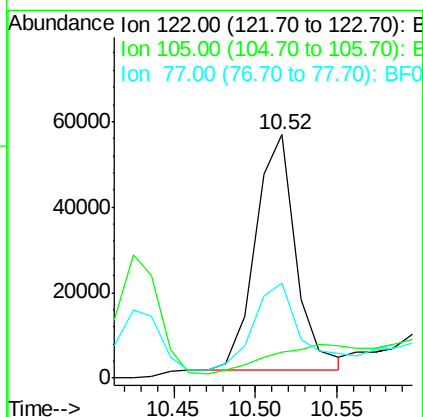
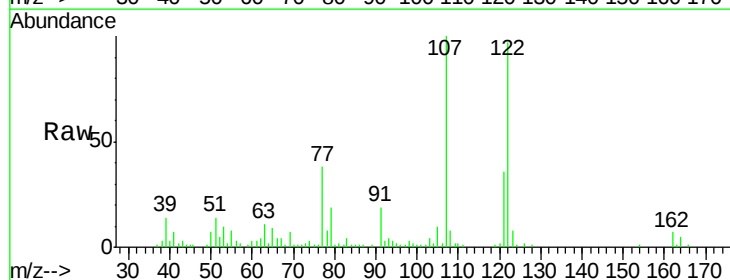
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

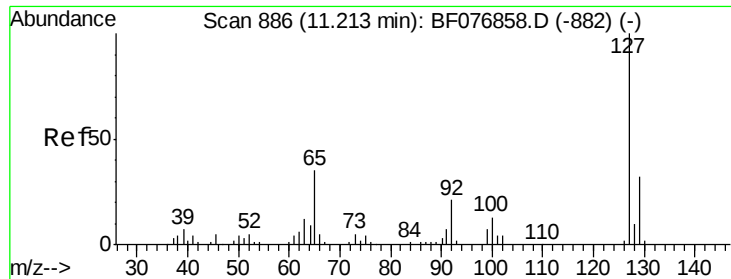
Tgt Ion:128 Resp: 708630
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 73.99 ng
RT: 10.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion:122 Resp: 96094
Ion Ratio Lower Upper
122 100
105 10.6 111.3 151.3#
77 39.2 79.2 119.2#

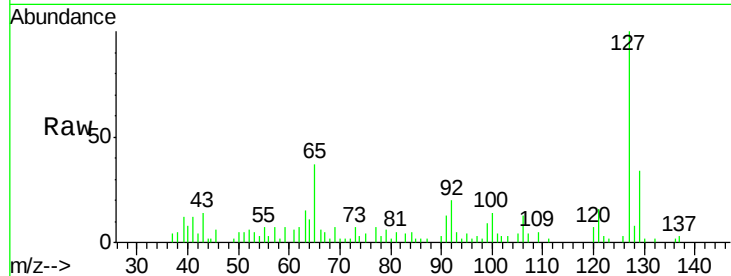




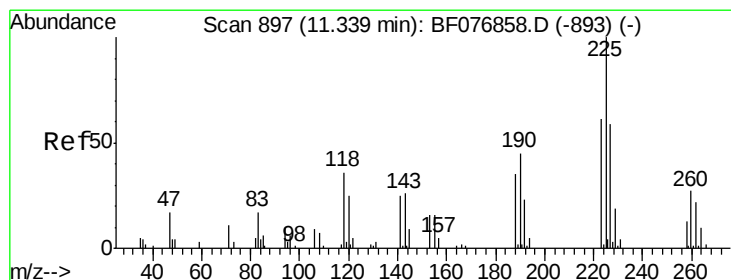
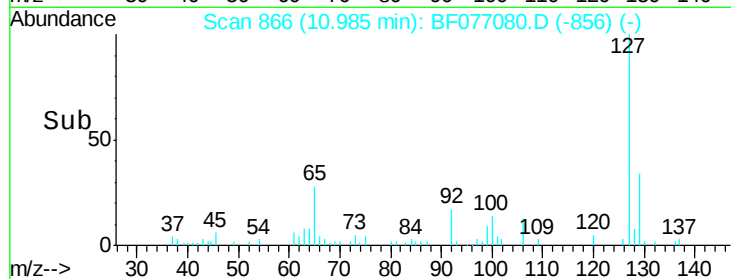
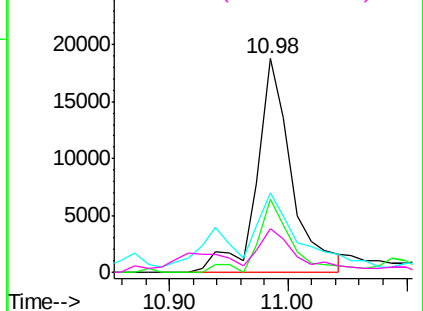
#33
4-Chloroaniline
Concen: 11.24 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion:	127	Resp:	38564
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.3	37.9
65	37.2	27.8	41.6
92	20.2	16.5	24.7

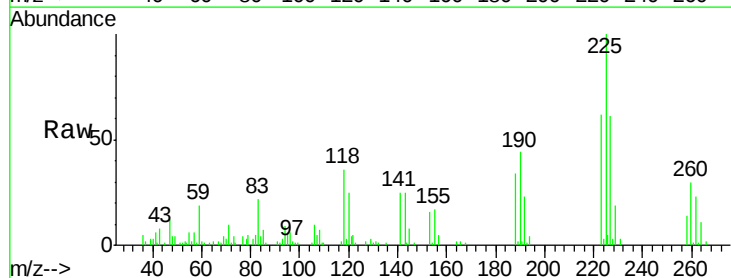


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

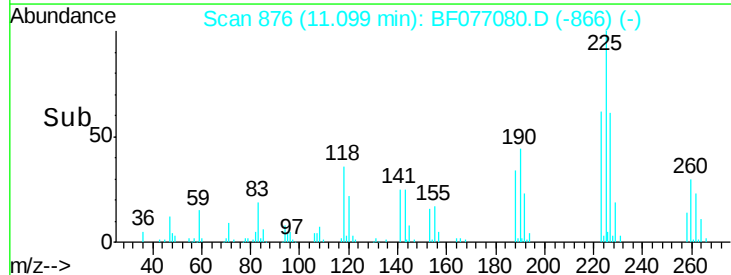
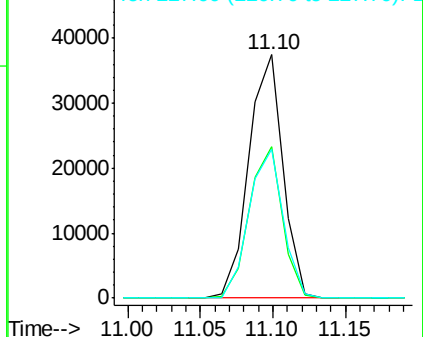


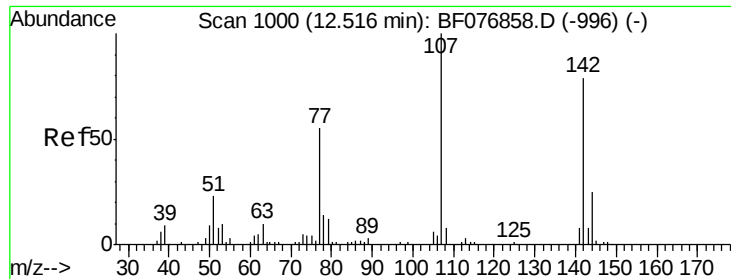
#34
Hexachlorobutadiene
Concen: 42.32 ng
RT: 11.10 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion:	225	Resp:	60933
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.1	73.7
227	61.4	47.5	71.3



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

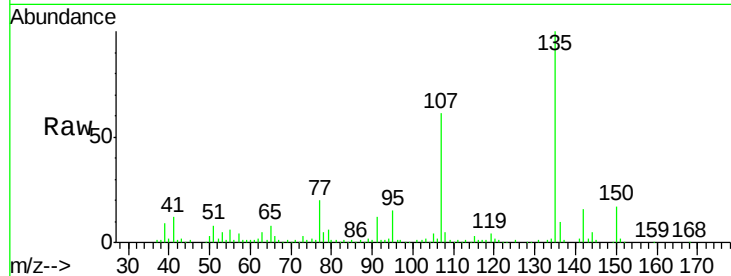




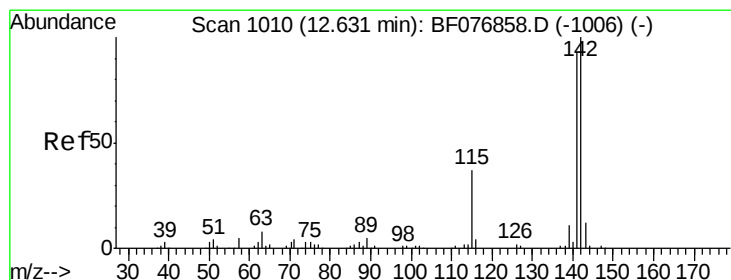
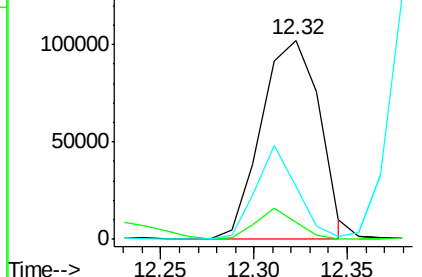
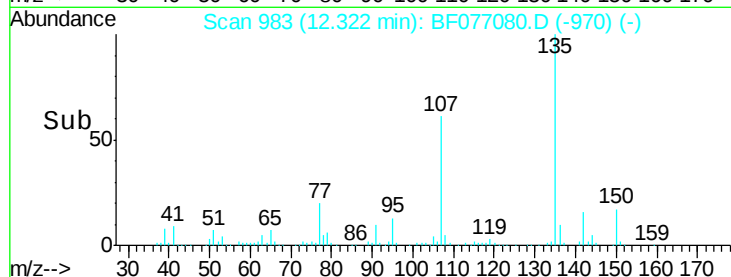
#36
 4-Chloro-3-methylphenol
 Concen: 88.82 ng
 RT: 12.32 min Scan# 983
 Delta R.T. 0.05 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:107 Resp: 222190
 Ion Ratio Lower Upper
 107 100
 144 8.8 20.0 30.0#
 142 26.7 63.5 95.3#

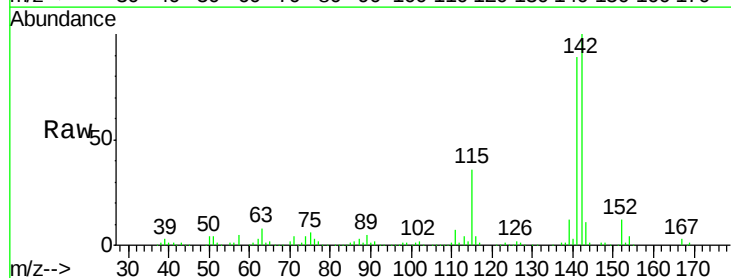


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

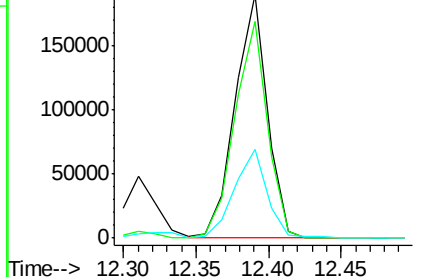
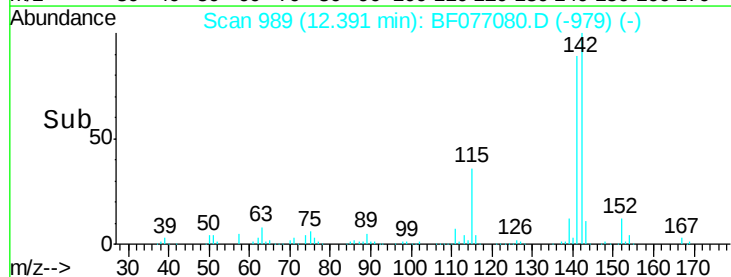


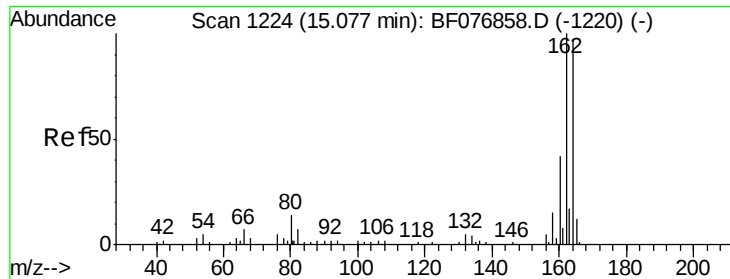
#37
 2-Methylnaphthalene
 Concen: 50.24 ng
 RT: 12.39 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:142 Resp: 291205
 Ion Ratio Lower Upper
 142 100
 141 89.0 74.5 111.7
 115 36.2 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

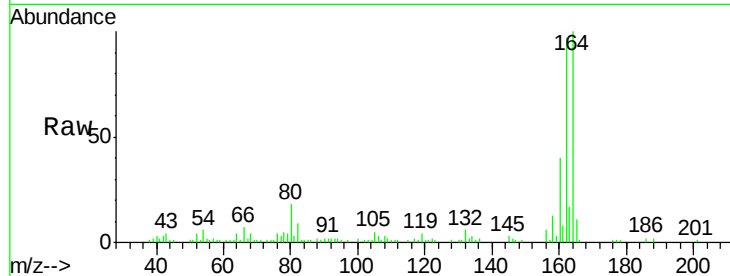




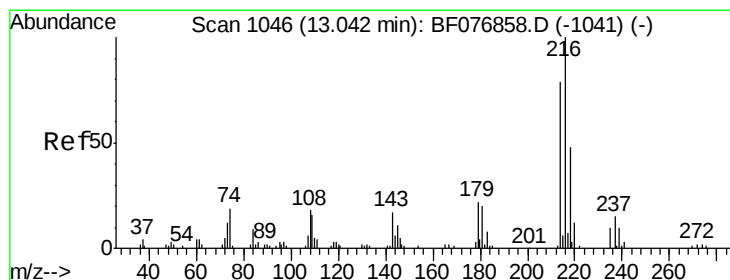
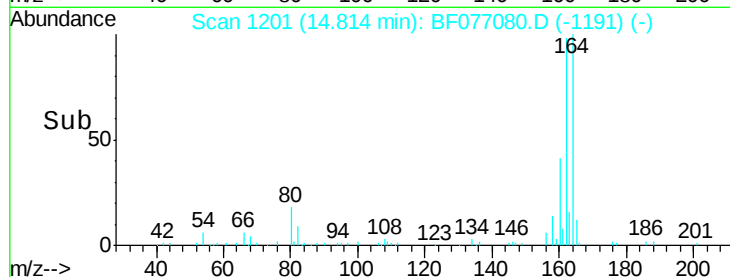
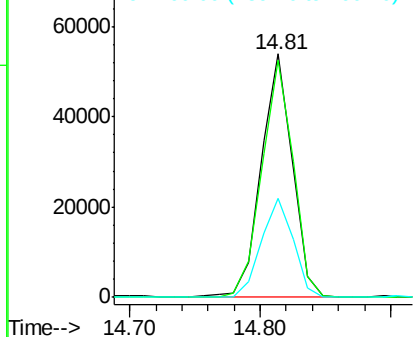
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion:164 Resp: 90443
Ion Ratio Lower Upper
164 100
162 97.2 82.4 123.6
160 40.4 34.8 52.2

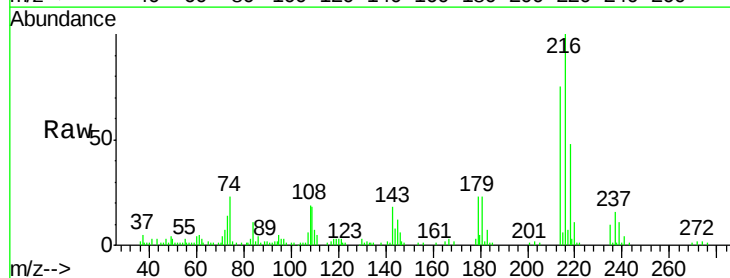


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

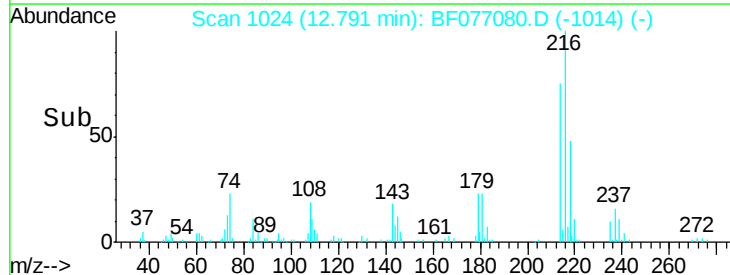
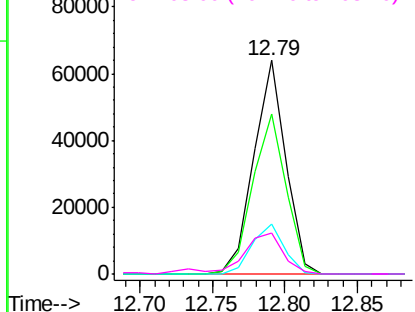


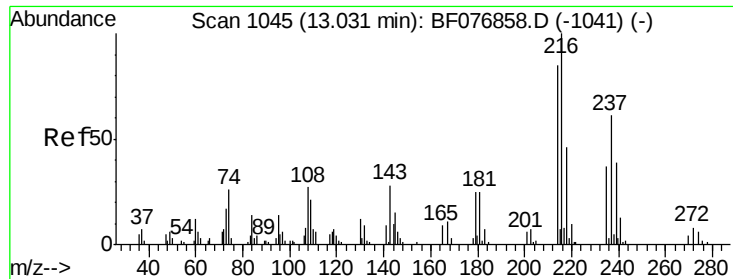
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.58 ng
RT: 12.79 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion:216 Resp: 97441
Ion Ratio Lower Upper
216 100
214 78.0 64.9 97.3
179 23.5 18.6 28.0
108 25.1 18.1 27.1



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





#40

Hexachlorocyclopentadiene

Concen: 41.93 ng

RT: 12.78 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

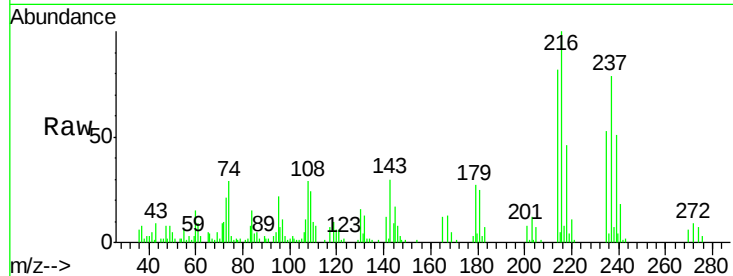
Tgt Ion: 237 Resp: 47688

Ion Ratio Lower Upper

237 100

235 67.0 40.4 80.4

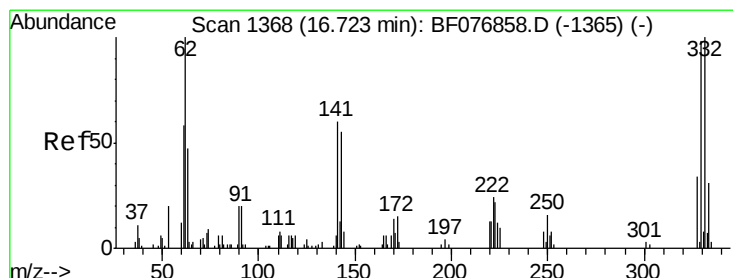
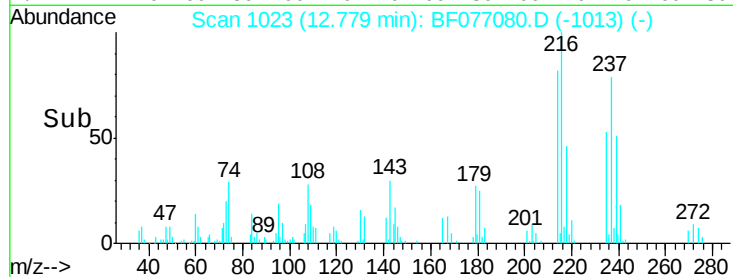
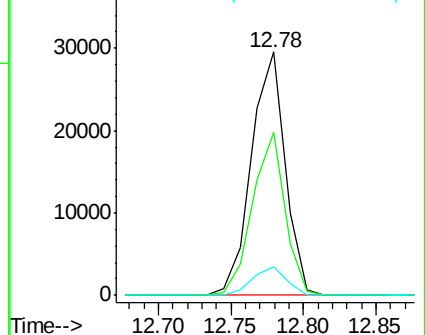
272 11.7 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 143.57 ng

RT: 16.54 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

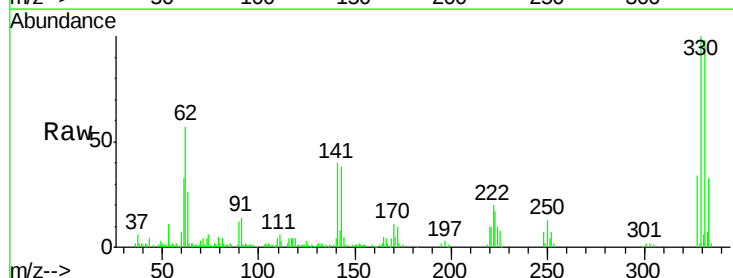
Tgt Ion: 330 Resp: 105399

Ion Ratio Lower Upper

330 100

332 94.4 77.8 116.6

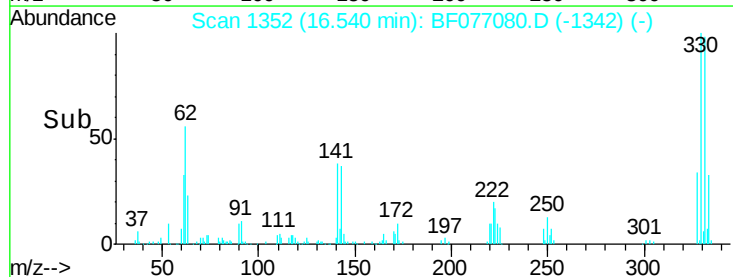
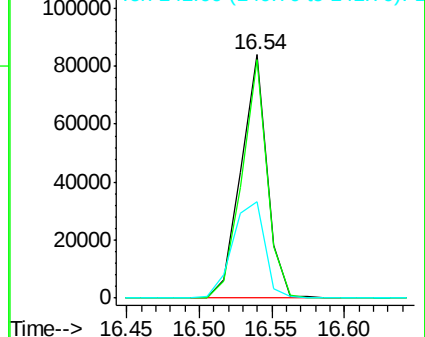
141 48.9 38.5 57.7

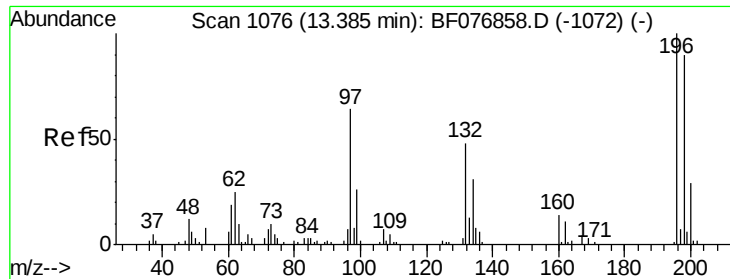


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

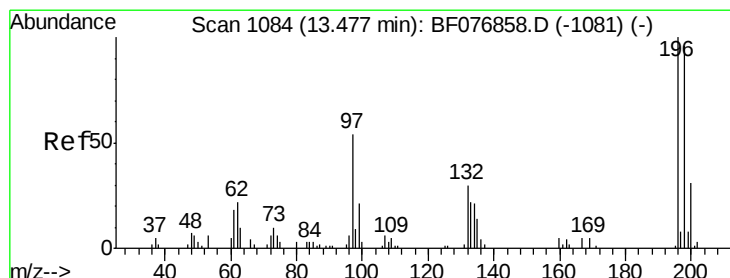
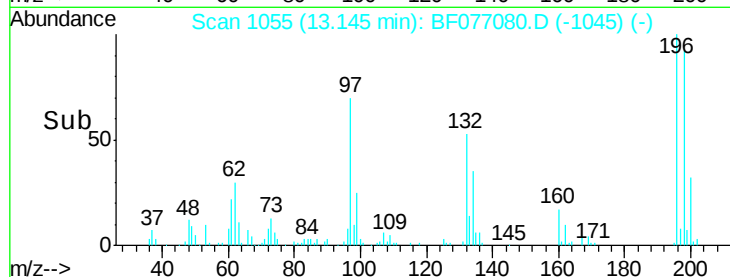
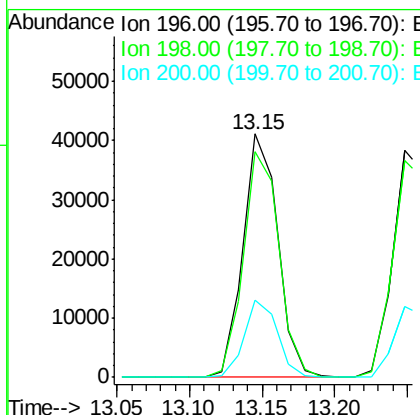
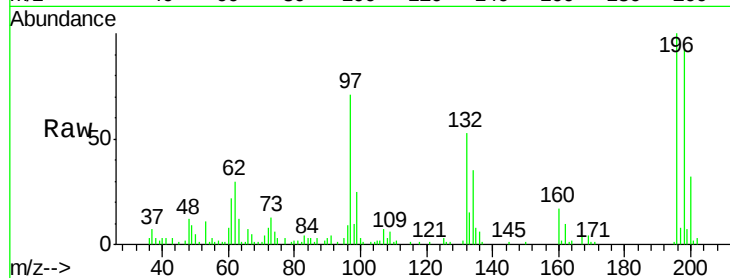




#42
 2,4,6-Trichlorophenol
 Concen: 42.13 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

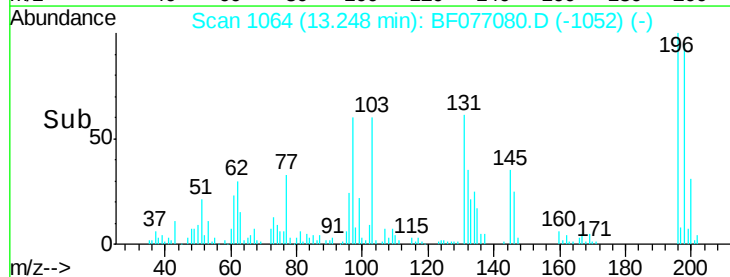
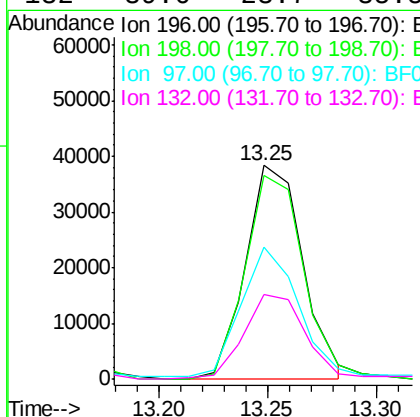
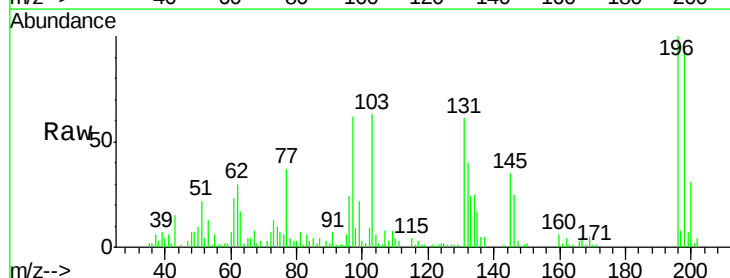
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

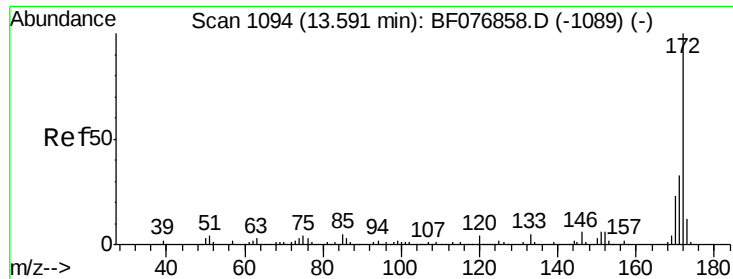
Tgt Ion:196 Resp: 68634
 Ion Ratio Lower Upper
 196 100
 198 92.5 72.0 108.0
 200 31.9 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 42.43 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.03 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:196 Resp: 70511
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 97 62.0 43.4 65.0
 132 39.6 23.7 35.5#

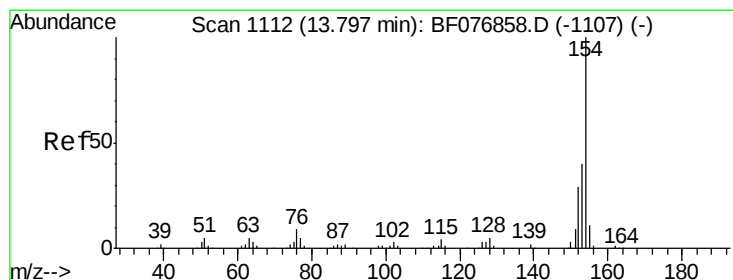
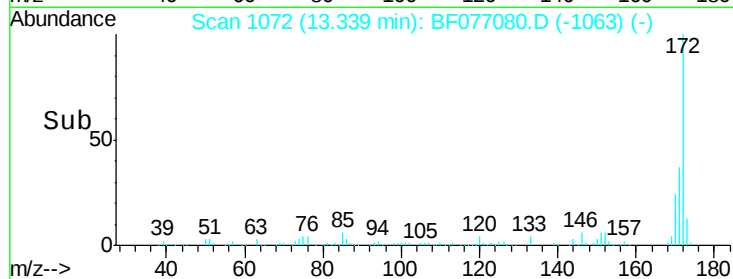
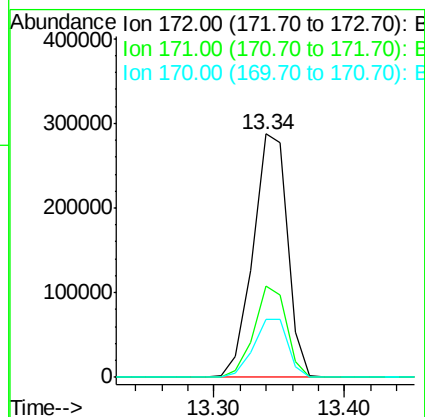
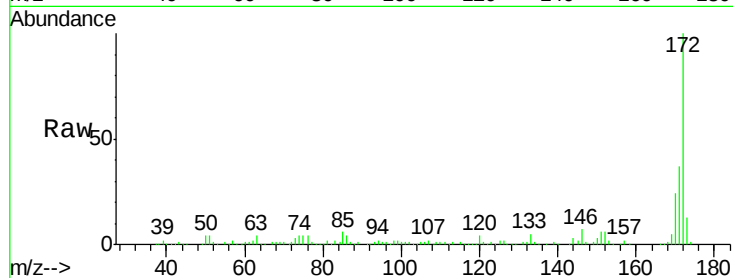




#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

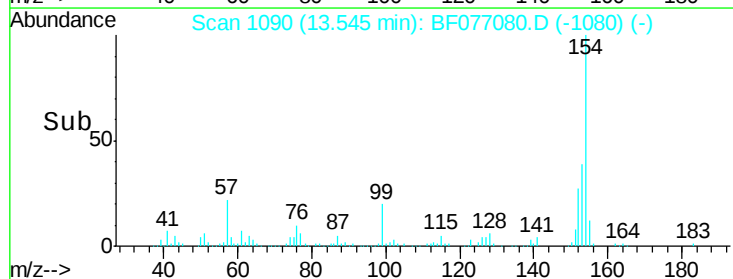
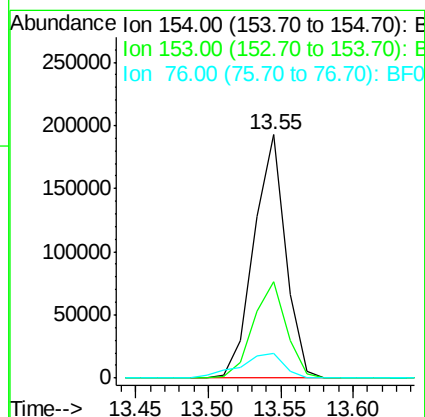
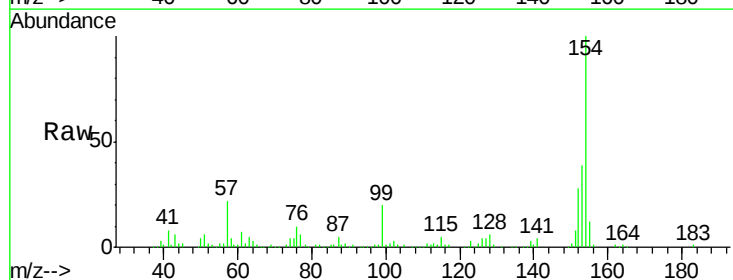
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

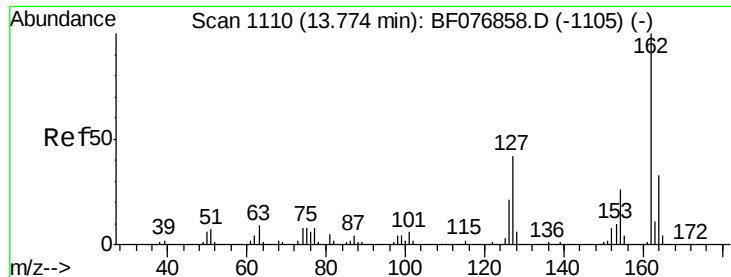
Tgt Ion:172 Resp: 530638
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.6 40.0
 170 24.0 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 43.39 ng
 RT: 13.55 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:154 Resp: 290932
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 10.1 0.0 29.0

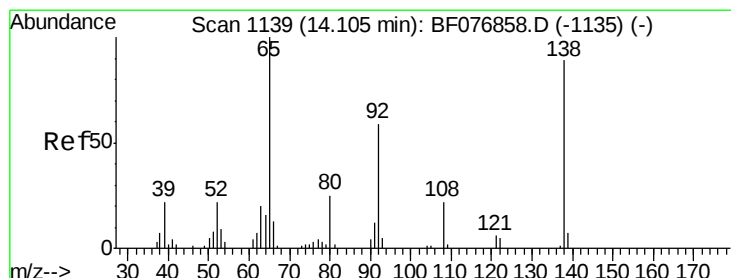
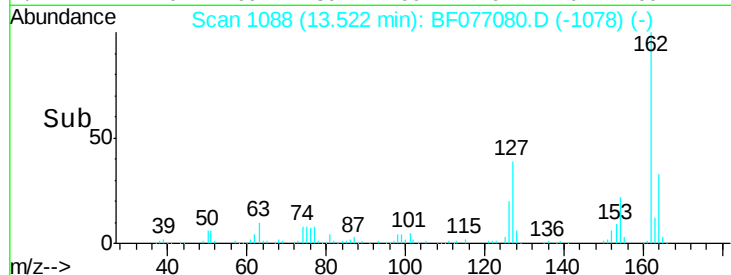
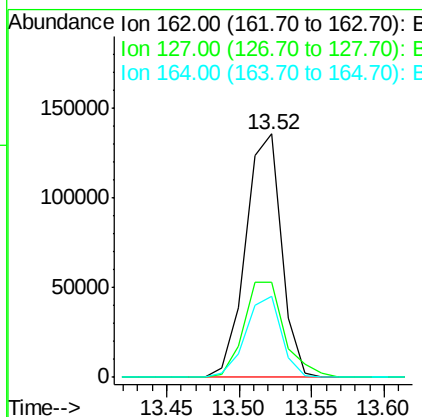
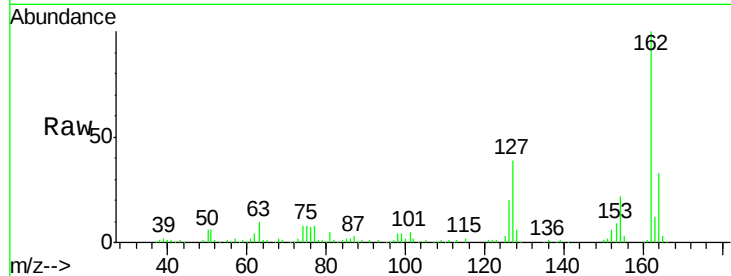




#46
 2-Chloronaphthalene
 Concen: 42.06 ng
 RT: 13.52 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

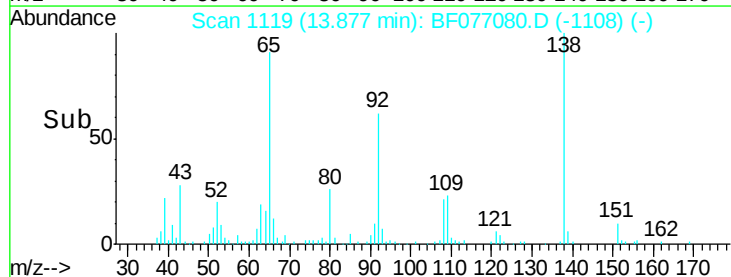
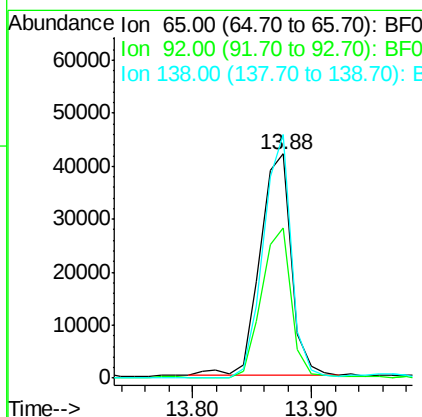
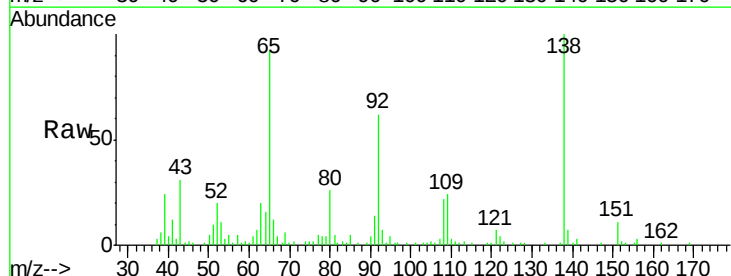
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

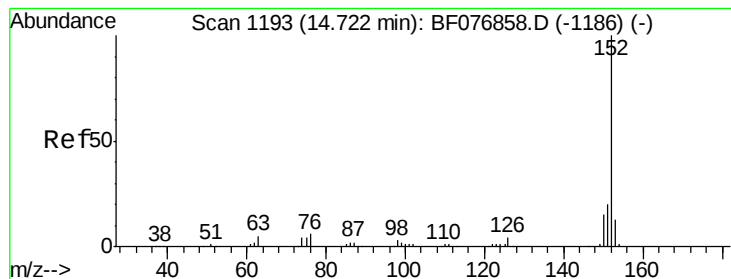
Tgt Ion: 162 Resp: 232063
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.8 50.6
 164 33.5 26.8 40.2



#47
 2-Nitroaniline
 Concen: 45.92 ng
 RT: 13.88 min Scan# 1119
 Delta R.T. 0.02 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion: 65 Resp: 76864
 Ion Ratio Lower Upper
 65 100
 92 67.0 47.3 70.9
 138 108.7 71.4 107.2#





#48

Acenaphthylene

Concen: 39.53 ng

RT: 14.47 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampled :

SP-1AMS

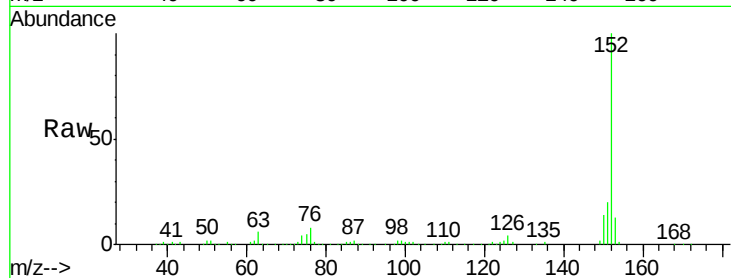
Tgt Ion:152 Resp: 367864

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

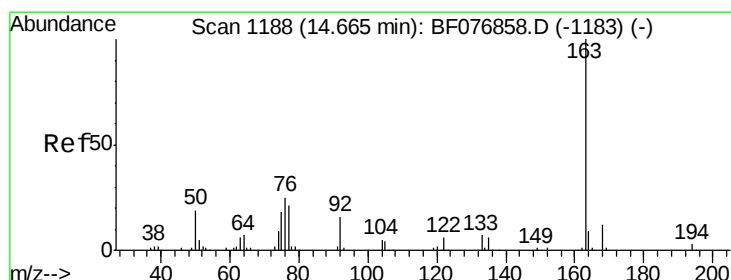
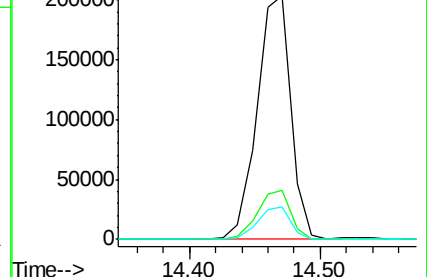
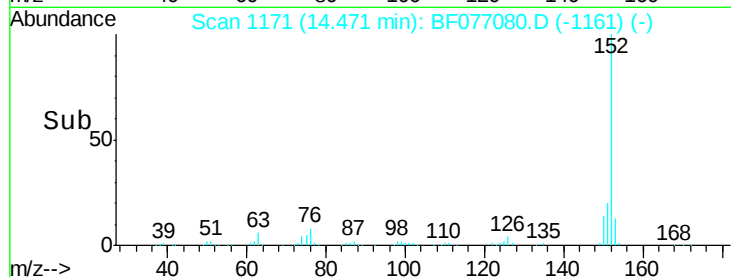
153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.02 ng

RT: 14.43 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

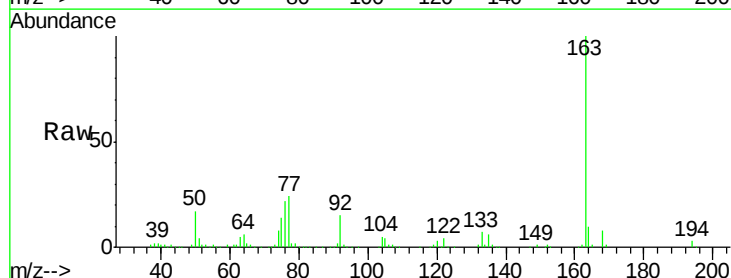
Tgt Ion:163 Resp: 307995

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

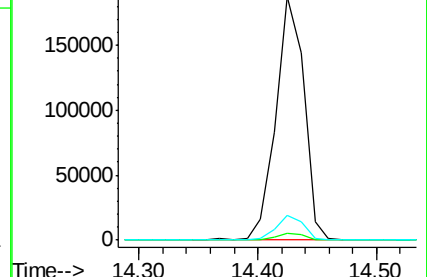
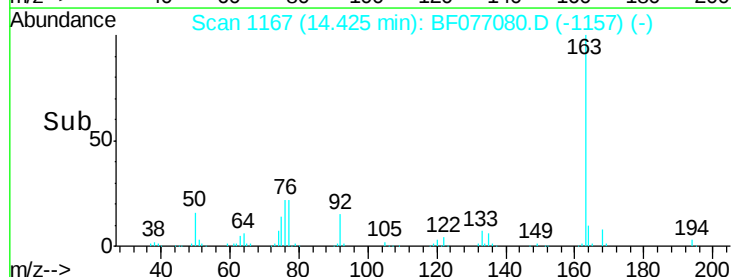
164 10.2 7.5 11.3

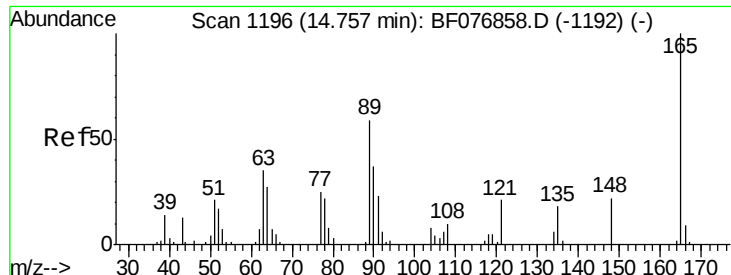


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

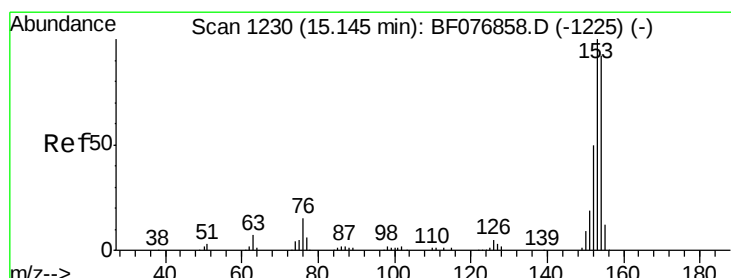
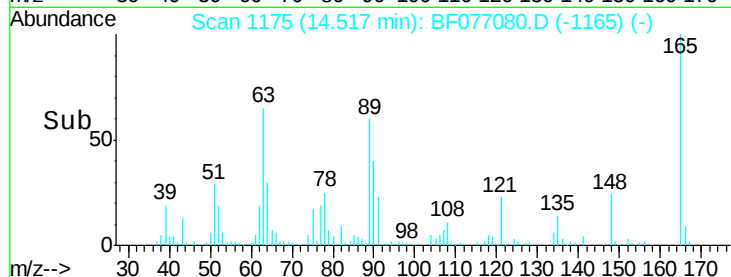
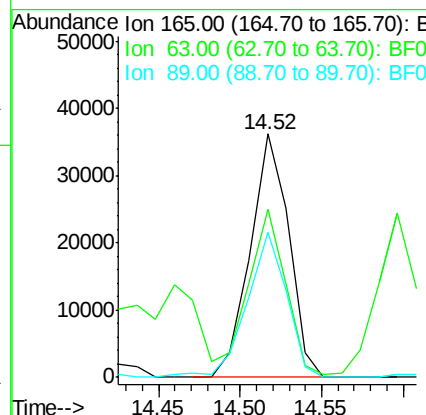
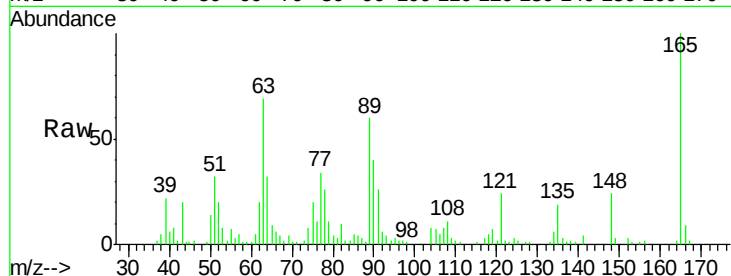




#50
2,6-Dinitrotoluene
Concen: 46.12 ng
RT: 14.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

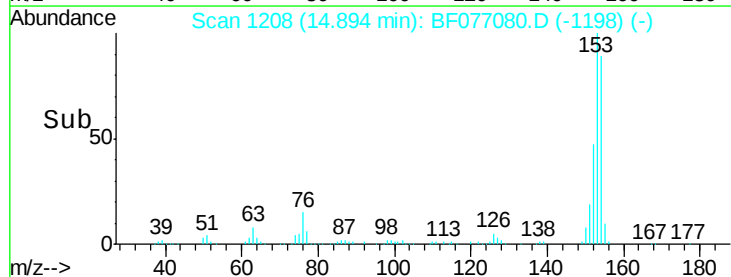
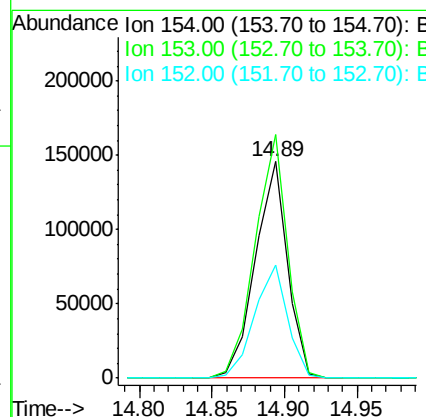
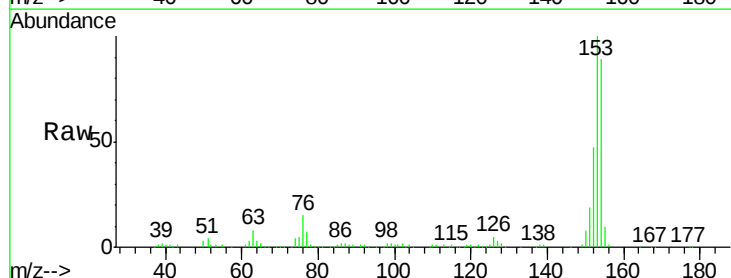
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

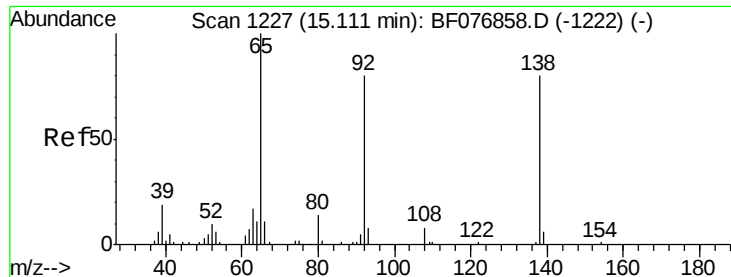
Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.9	48.1	72.1
89	59.7	47.2	70.8



#51
Acenaphthene
Concen: 42.35 ng
RT: 14.89 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.0	130.6
152	52.5	43.5	65.3

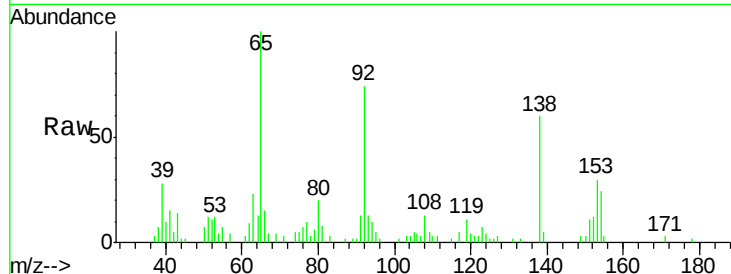




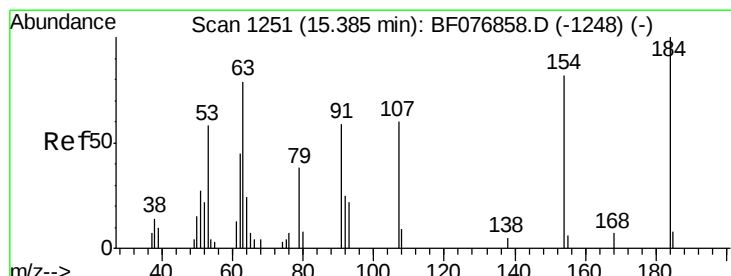
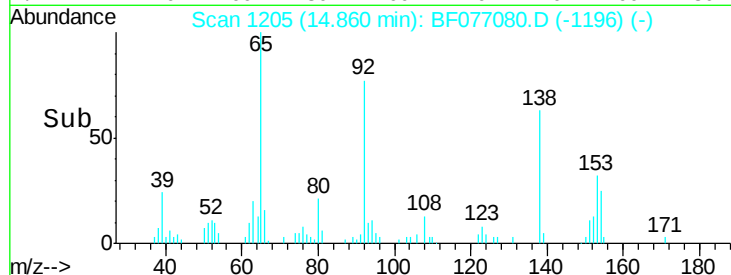
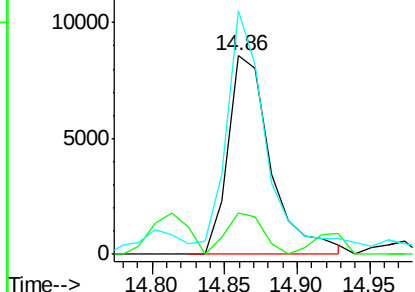
#52
 3-Nitroaniline
 Concen: 11.96 ng
 RT: 14.86 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:138 Resp: 17638
 Ion Ratio Lower Upper
 138 100
 108 20.9 8.3 12.5#
 92 122.7 80.9 121.3#

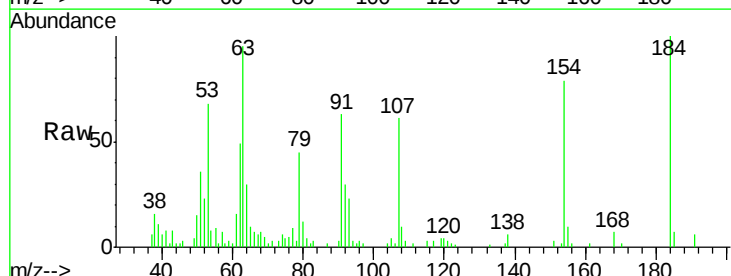


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BFO

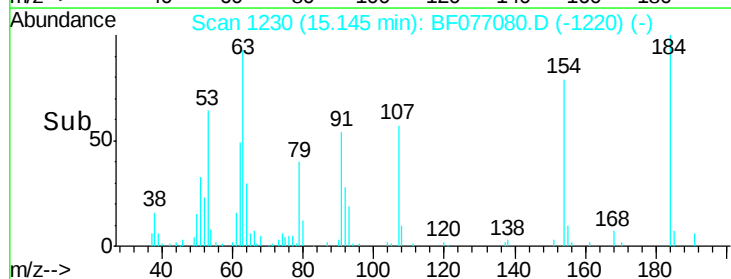
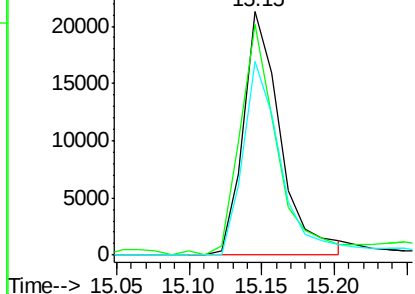


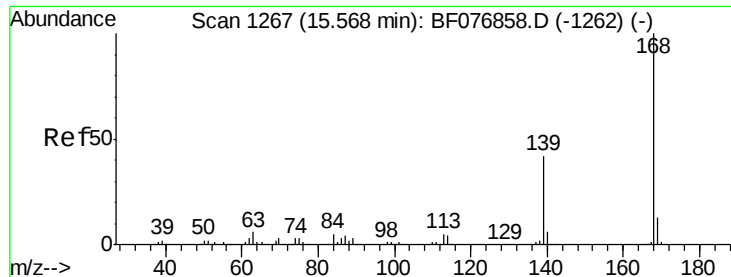
#53
 2,4-Dinitrophenol
 Concen: 65.56 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:184 Resp: 37933
 Ion Ratio Lower Upper
 184 100
 63 95.0 63.0 94.6#
 154 79.4 65.5 98.3



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





#54

Dibenzenofuran

Concen: 42.60 ng

RT: 15.32 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampled :

SP-1AMS

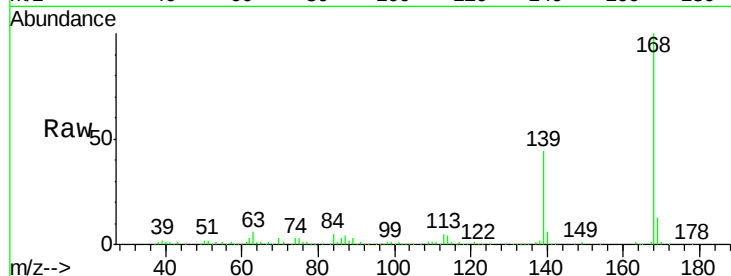
Tgt Ion:168 Resp: 327680

Ion Ratio Lower Upper

168 100

139 44.3 33.4 50.2

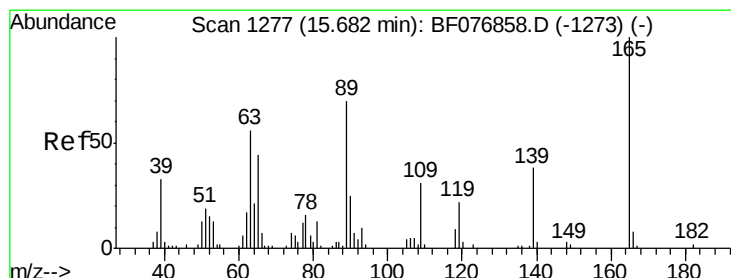
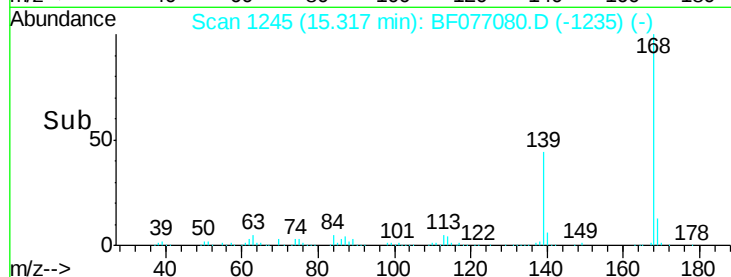
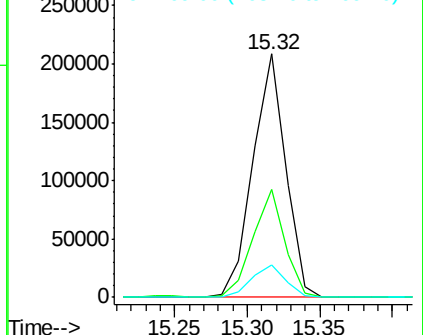
169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 42.05 ng

RT: 15.45 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Tgt Ion:165 Resp: 80253

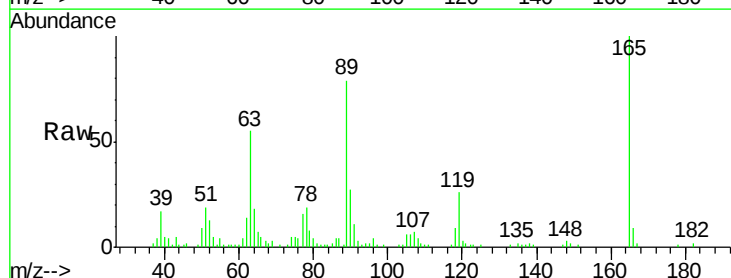
Ion Ratio Lower Upper

165 100

63 54.8 44.8 67.2

89 79.1 56.2 84.2

182 2.2 1.5 2.3

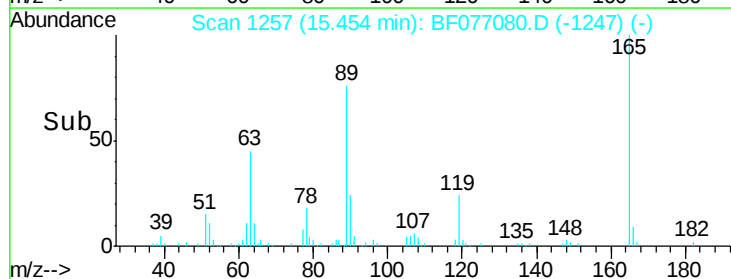
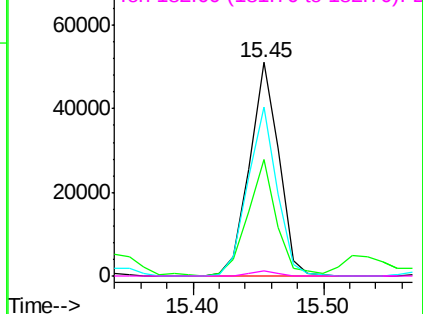


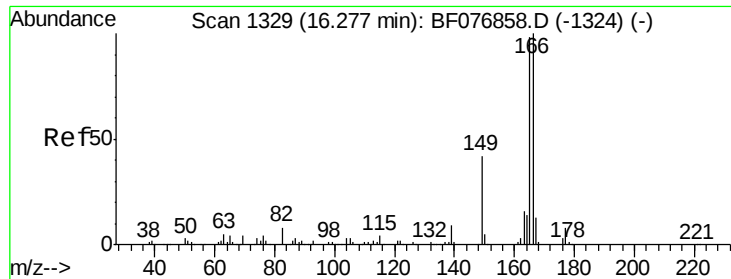
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

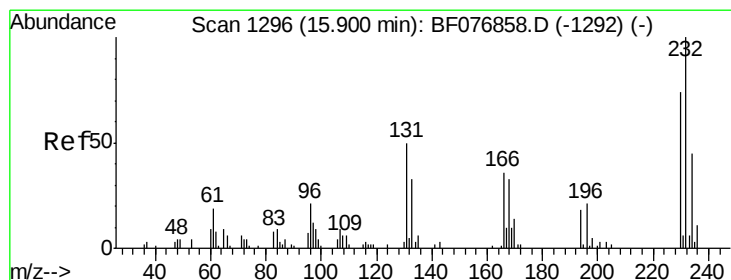
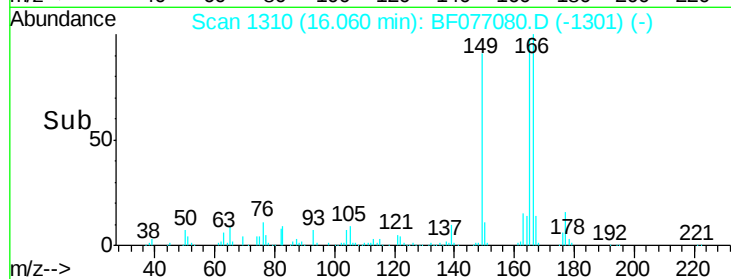
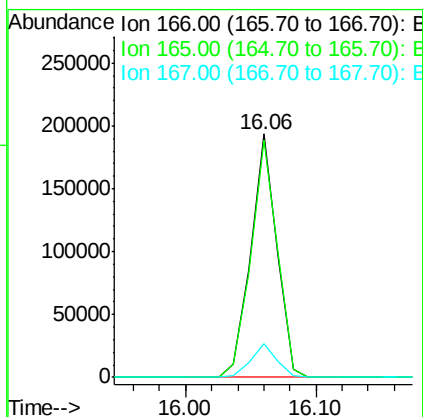
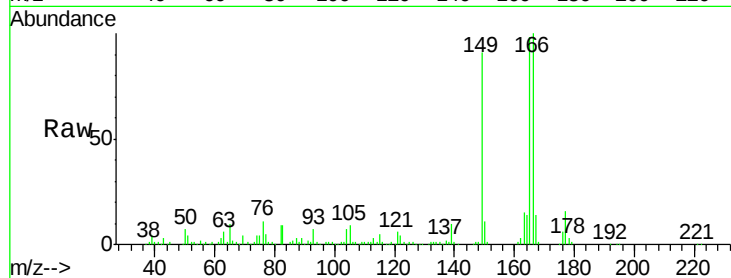




#57
 Fluorene
 Concen: 41.27 ng
 RT: 16.06 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

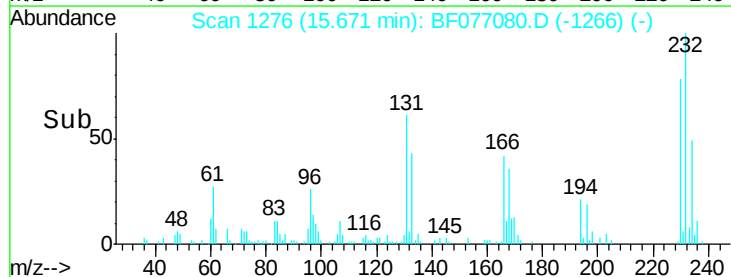
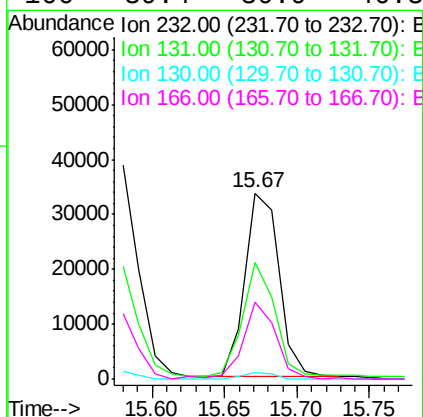
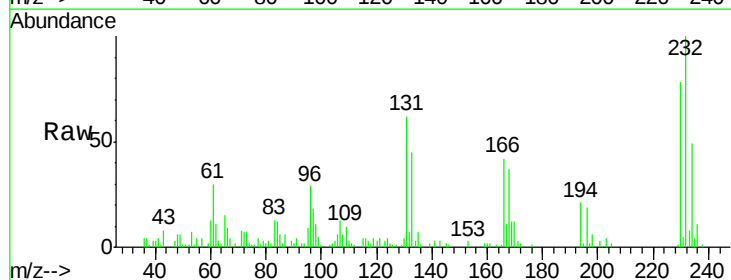
Instrument :
 BNA_F
 ClientSampled :
 SP-1AMS

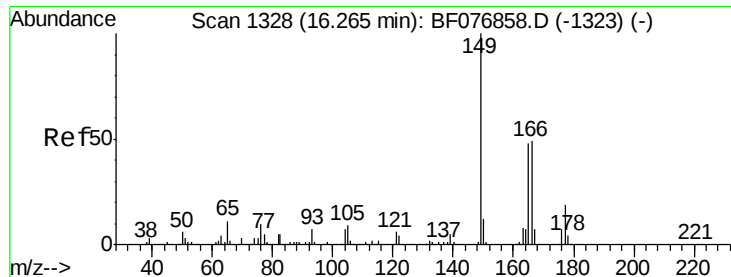
Tgt Ion:166 Resp: 268925
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.5 117.7
 167 13.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.32 ng
 RT: 15.67 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:232 Resp: 54835
 Ion Ratio Lower Upper
 232 100
 131 58.8 45.0 67.6
 130 3.2 2.6 3.8
 166 39.4 30.9 46.3

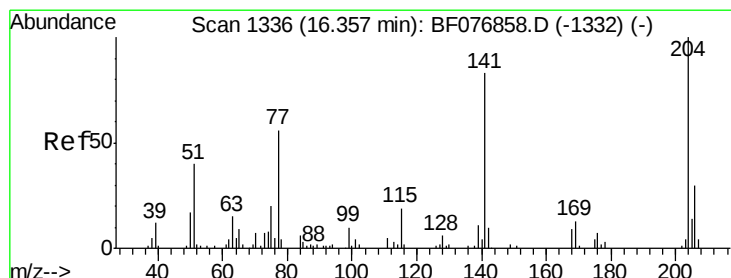
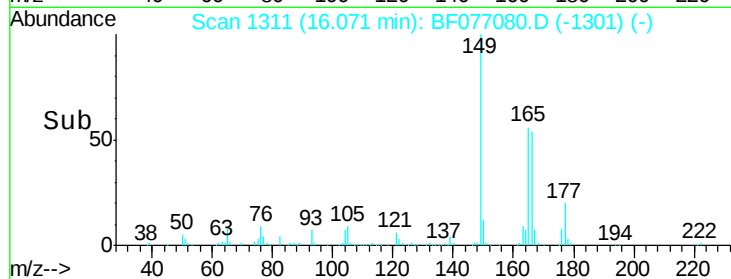
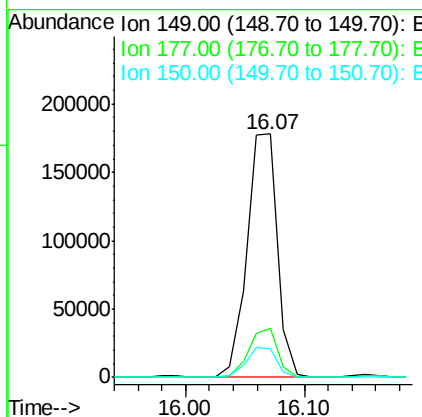
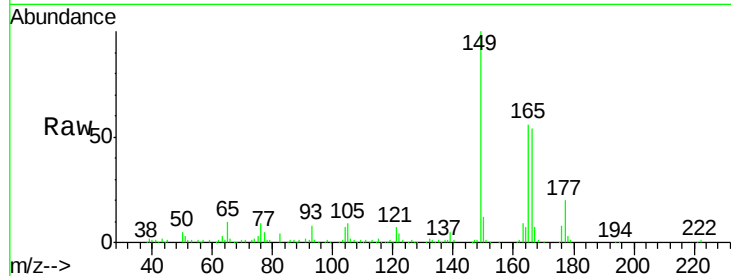




#59
 Diethylphthalate
 Concen: 49.21 ng
 RT: 16.07 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

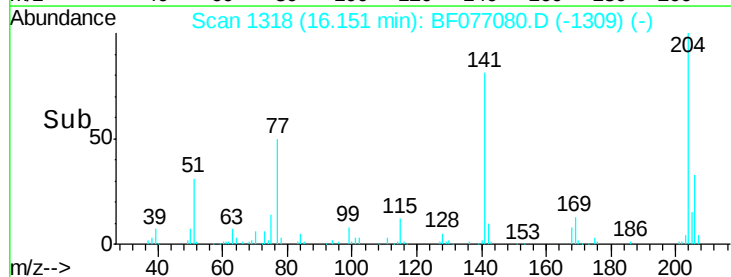
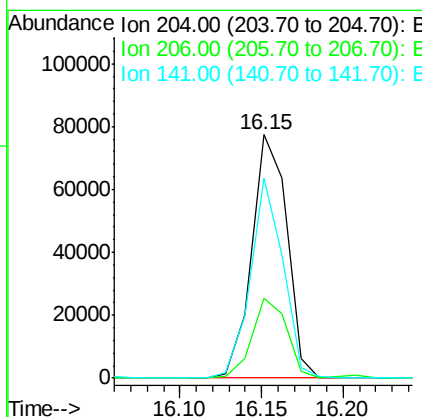
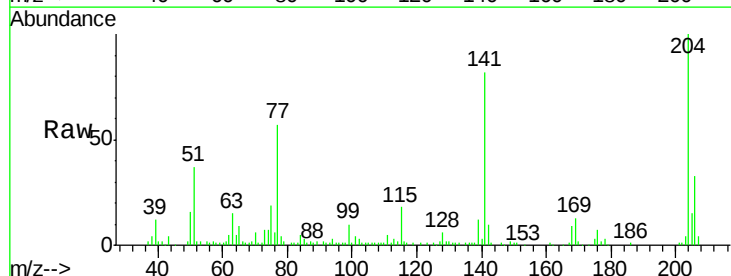
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

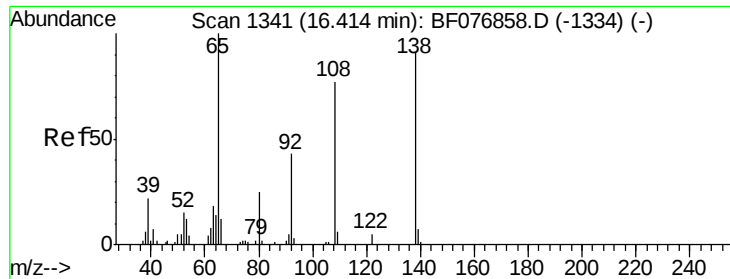
Tgt Ion:149 Resp: 318992
 Ion Ratio Lower Upper
 149 100
 177 20.4 15.0 22.6
 150 12.0 9.4 14.0



#60
 4-Chlorophenyl-phenylether
 Concen: 43.52 ng
 RT: 16.15 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:204 Resp: 116042
 Ion Ratio Lower Upper
 204 100
 206 32.6 24.2 36.2
 141 82.1 66.7 100.1

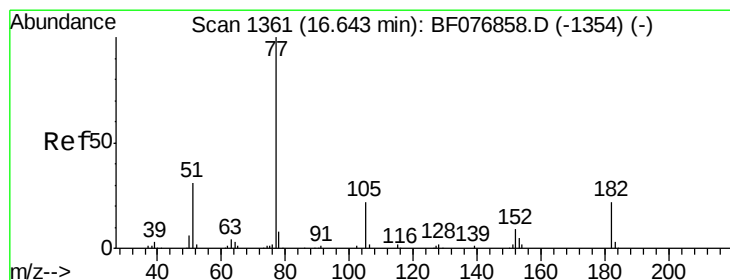
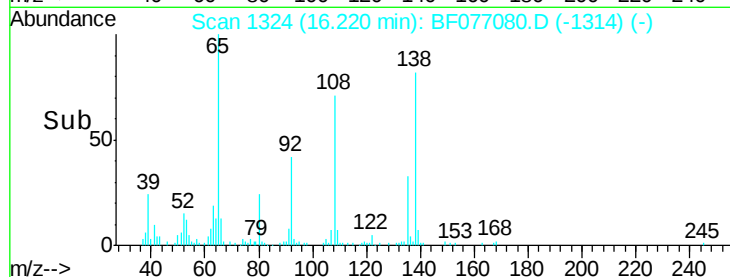
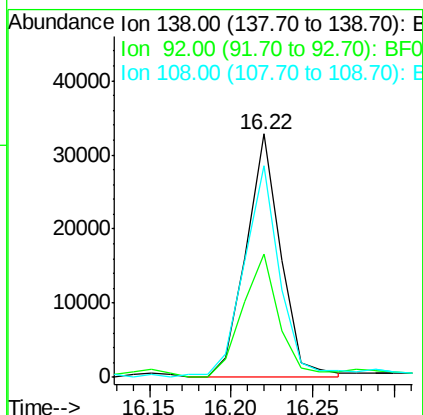
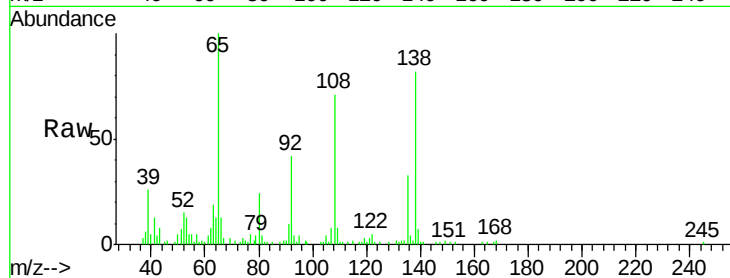




#61
4-Nitroaniline
Concen: 30.66 ng
RT: 16.22 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

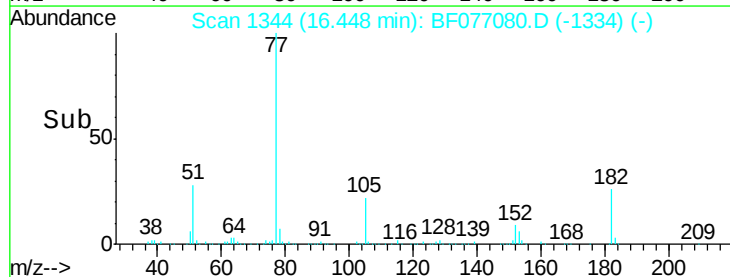
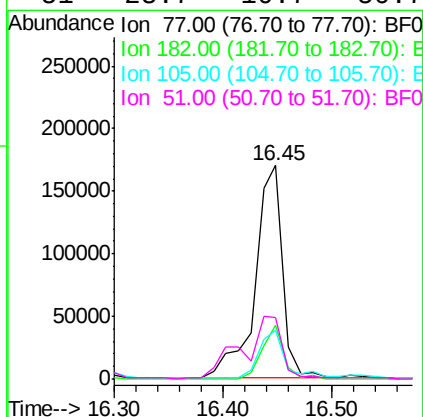
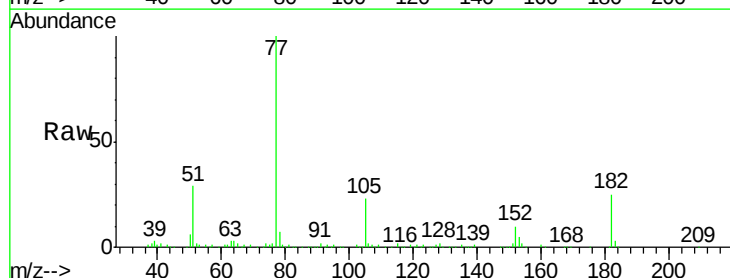
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

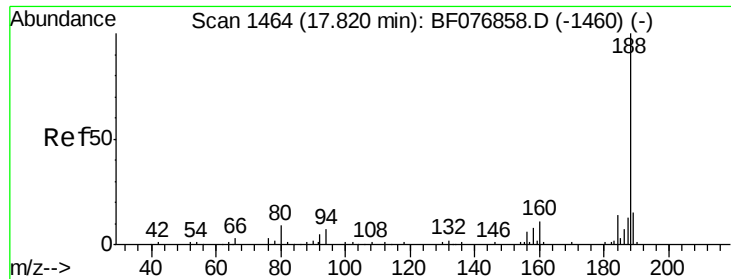
Tgt Ion: 138 Resp: 48676
Ion Ratio Lower Upper
138 100
92 50.5 26.7 66.7
108 86.8 64.5 104.5



#62
Azobenzene
Concen: 44.49 ng
RT: 16.45 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion: 77 Resp: 300479
Ion Ratio Lower Upper
77 100
182 25.5 2.0 42.0
105 22.6 2.3 42.3
51 28.7 10.7 50.7

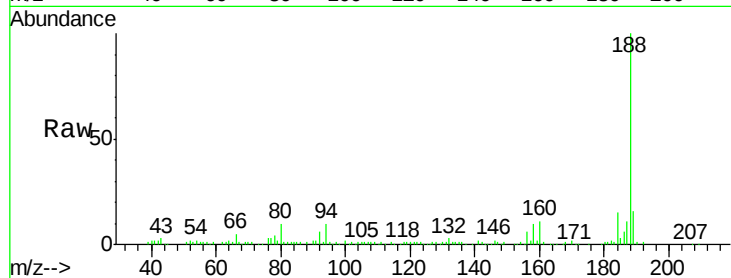




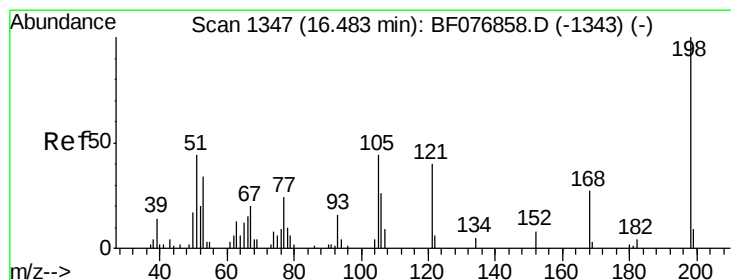
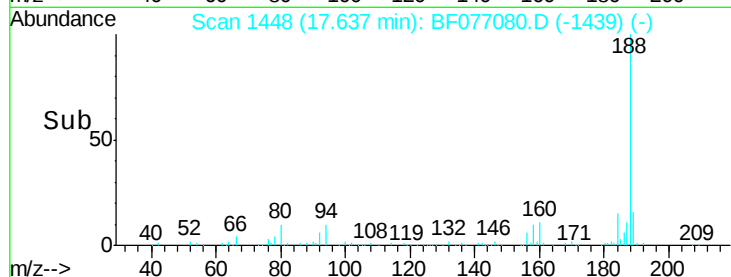
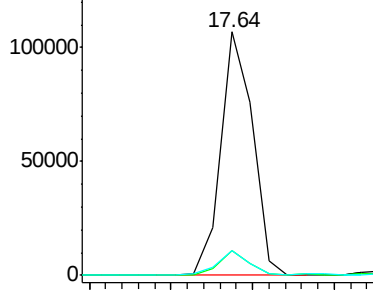
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:188 Resp: 144962
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.0 9.0#
 80 10.2 6.9 10.3

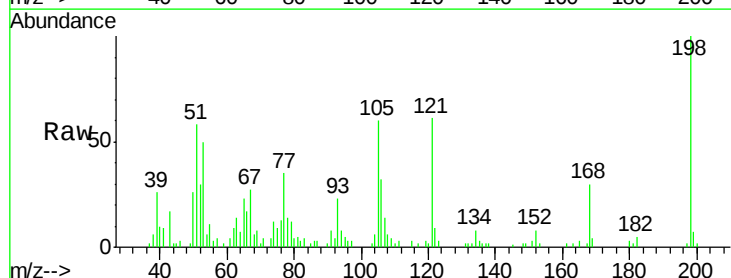


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

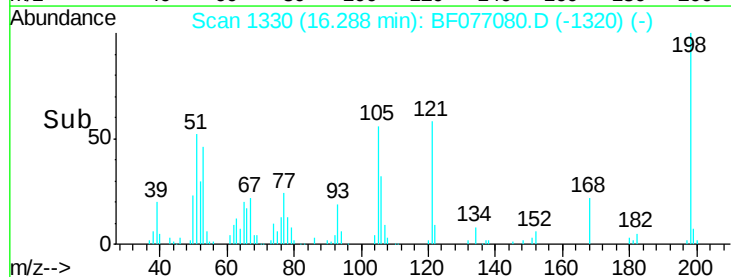
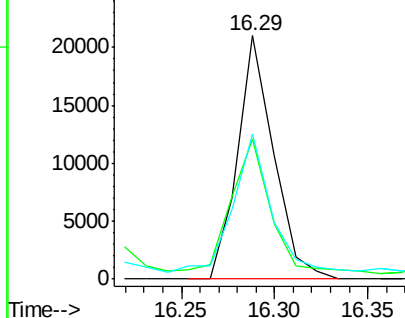


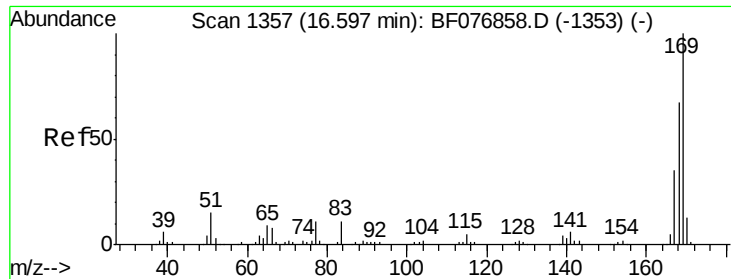
#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.61 ng
 RT: 16.29 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:198 Resp: 28316
 Ion Ratio Lower Upper
 198 100
 51 57.7 24.2 64.2
 105 59.7 24.0 64.0



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

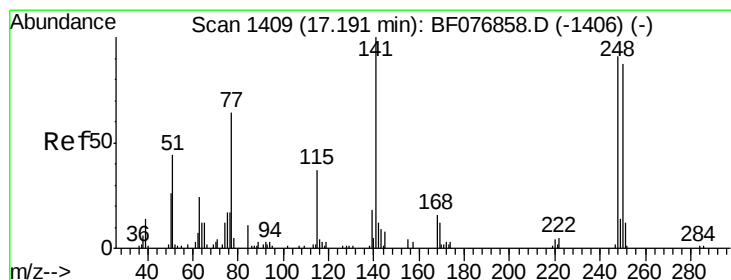
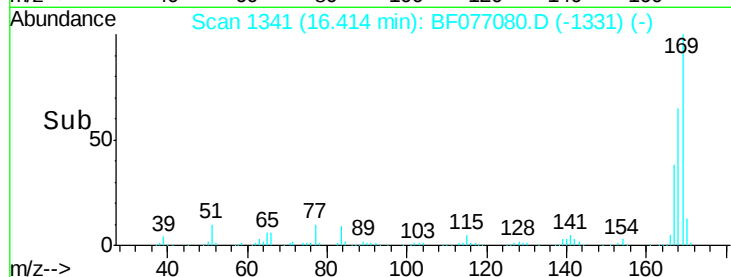
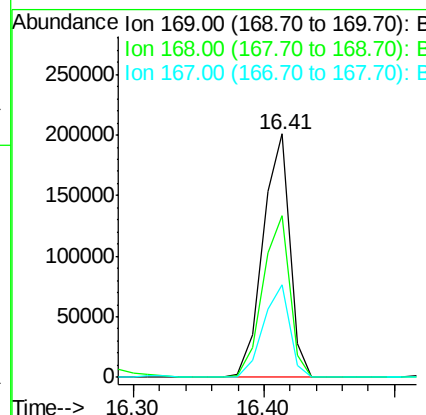
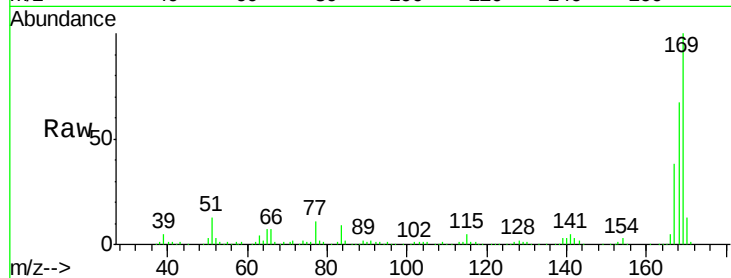




#65
 n-Nitrosodiphenylamine
 Concen: 55.88 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

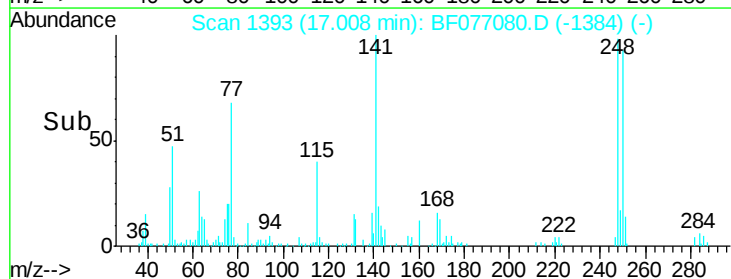
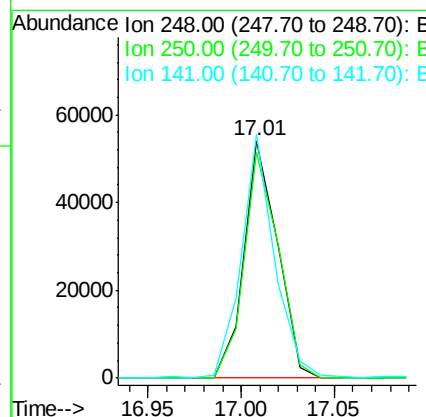
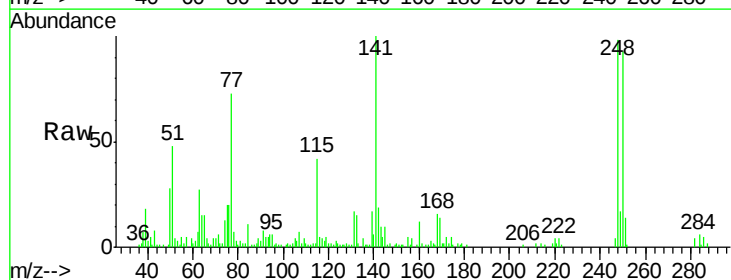
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

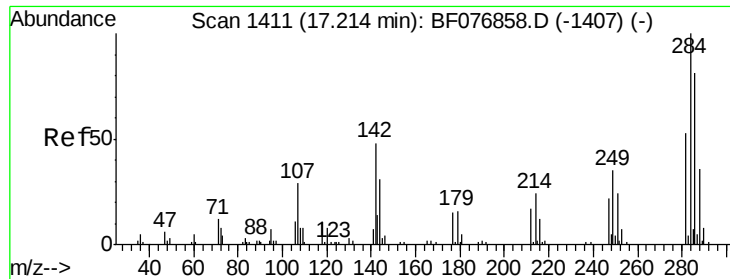
Tgt Ion:169 Resp: 288829
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 38.1 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.90 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:248 Resp: 67410
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.1 115.7
 141 102.5 88.2 132.4

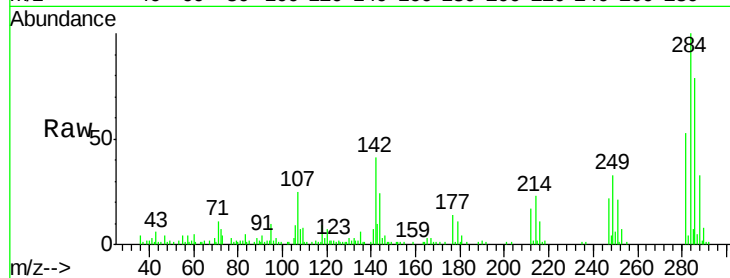




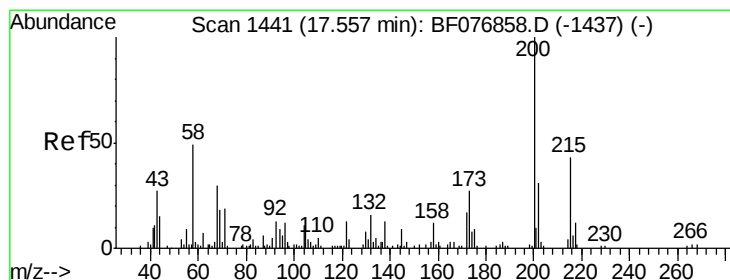
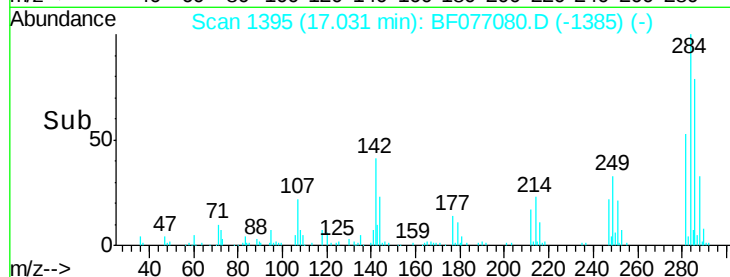
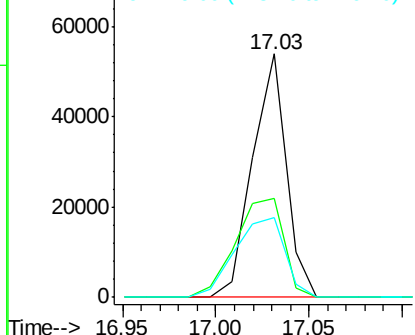
#67
Hexachlorobenzene
Concen: 43.49 ng
RT: 17.03 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion: 284 Resp: 67307
Ion Ratio Lower Upper
284 100
142 40.8 38.2 57.4
249 32.7 28.2 42.2

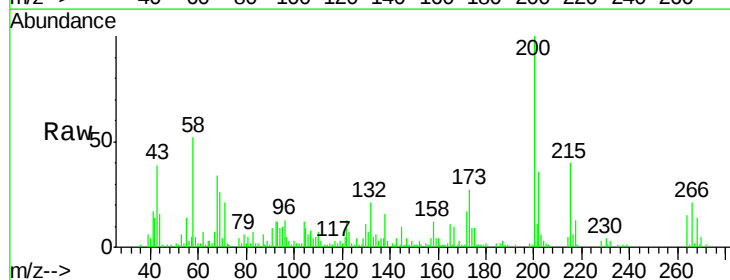


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

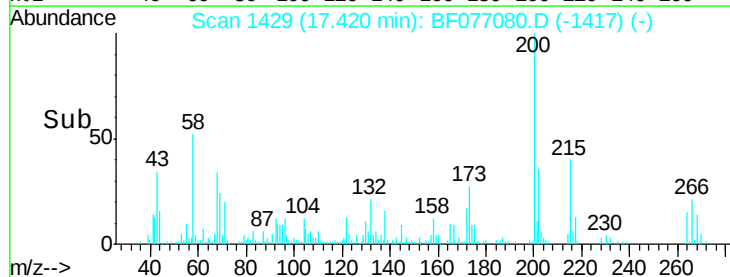
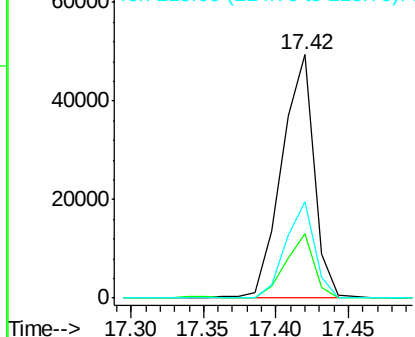


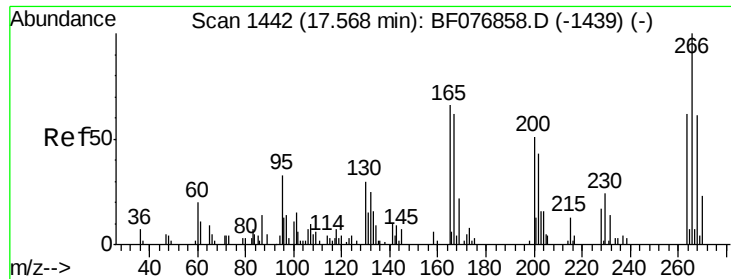
#68
Atrazine
Concen: 48.68 ng
RT: 17.42 min Scan# 1429
Delta R.T. 0.03 min
Lab File: BF077080.D
Acq: 27 Jan 2015 8:50

Tgt Ion: 200 Resp: 76350
Ion Ratio Lower Upper
200 100
173 26.7 6.6 46.6
215 39.8 22.9 62.9



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

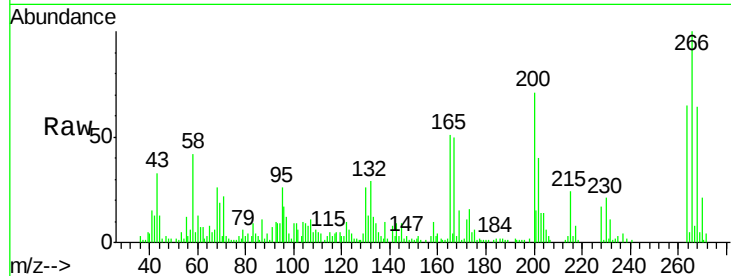




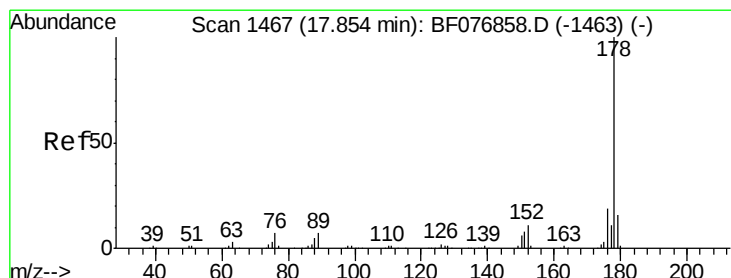
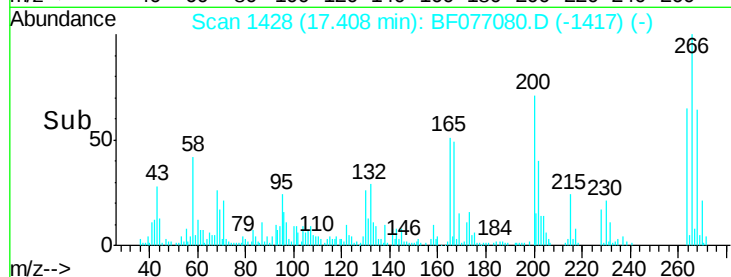
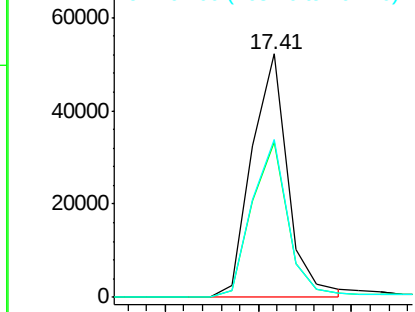
#69
 Pentachlorophenol
 Concen: 97.00 ng
 RT: 17.41 min Scan# 1428
 Delta R.T. 0.02 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion: 266 Resp: 70007
 Ion Ratio Lower Upper
 266 100
 268 64.0 48.6 72.8
 264 65.0 49.5 74.3

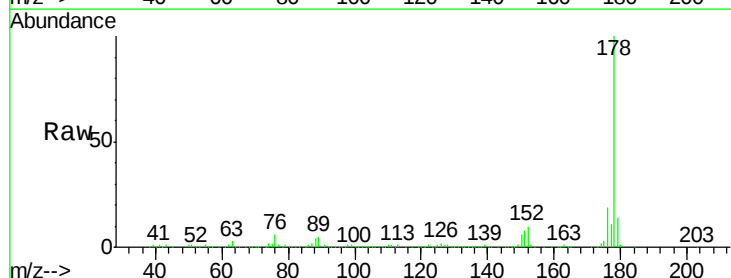


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

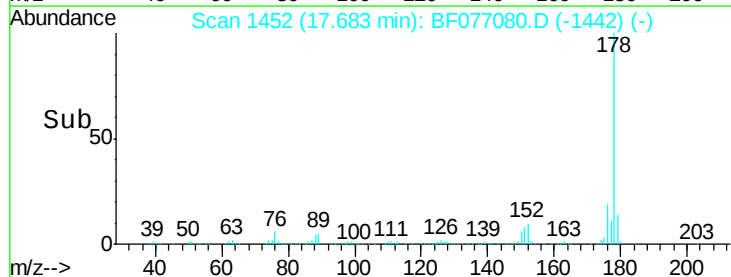
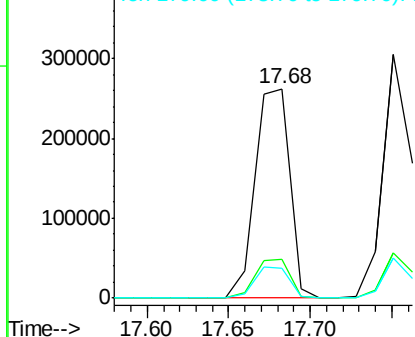


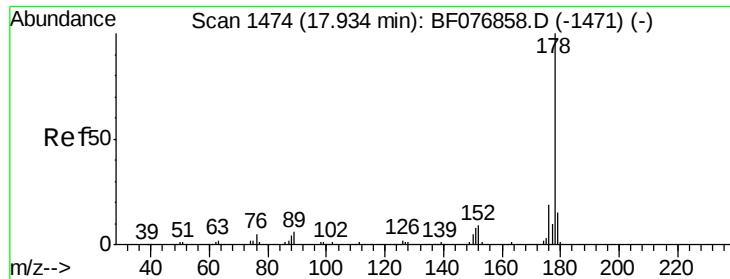
#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion: 178 Resp: 387921
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 14.4 12.7 19.1



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

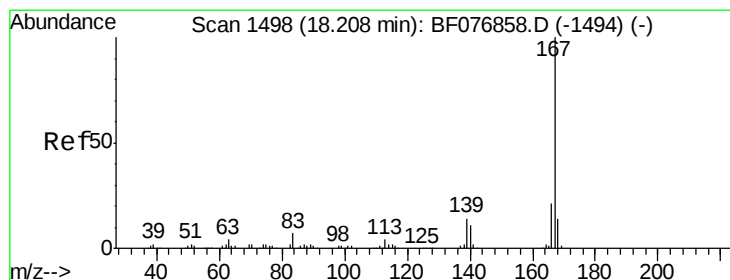
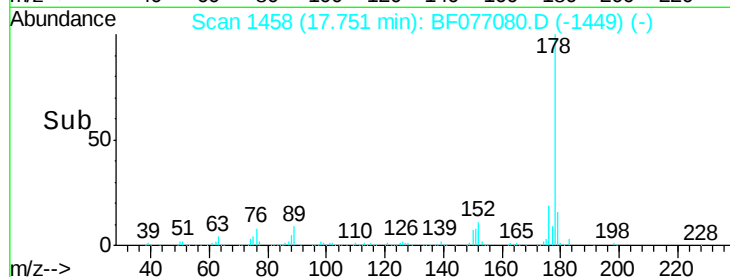
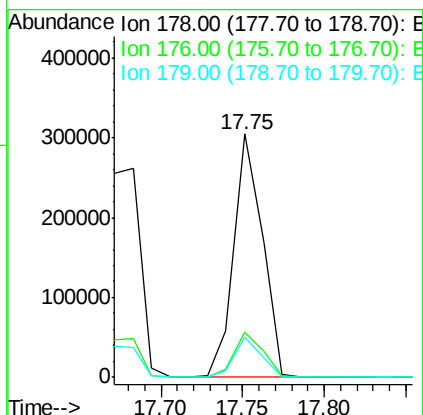
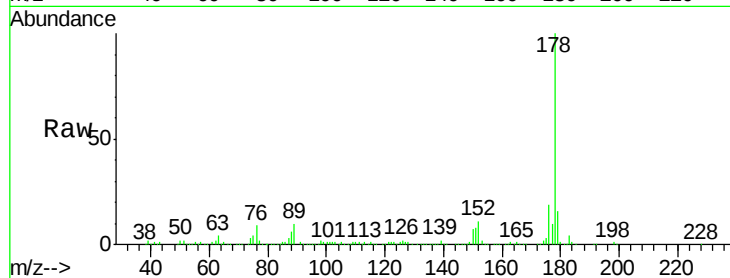




#71
 Anthracene
 Concen: 41.74 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

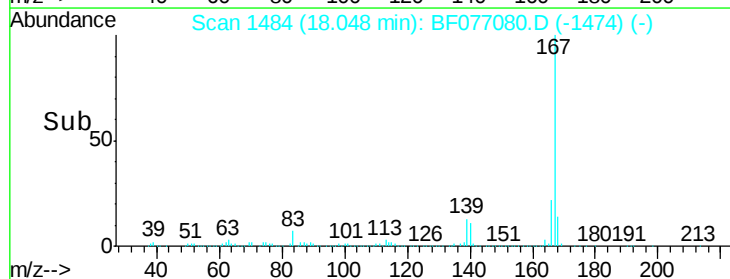
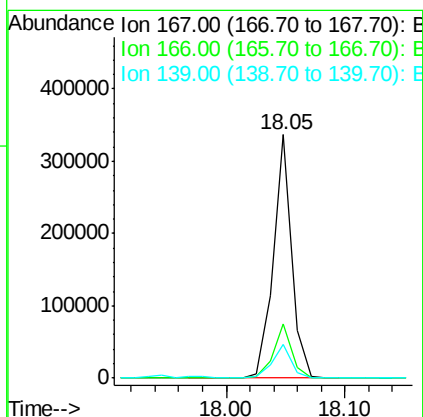
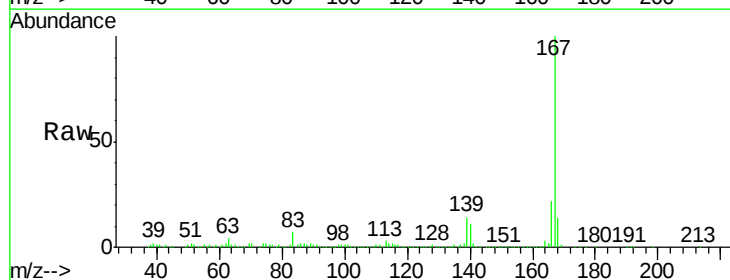
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

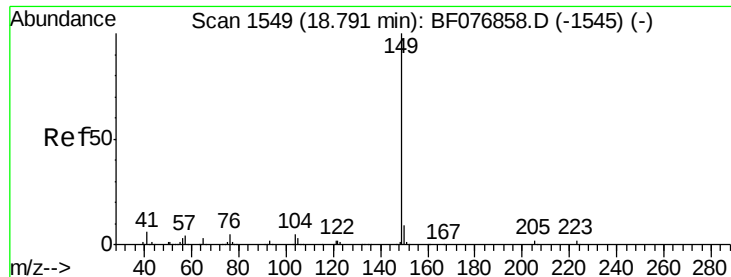
Tgt Ion:178 Resp: 367957
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 16.2 11.9 17.9



#72
 Carbazole
 Concen: 42.27 ng
 RT: 18.05 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF077080.D
 Acq: 27 Jan 2015 8:50

Tgt Ion:167 Resp: 361378
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 46.84 ng

RT: 18.64 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

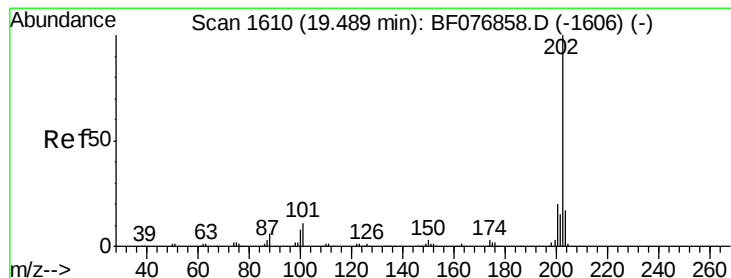
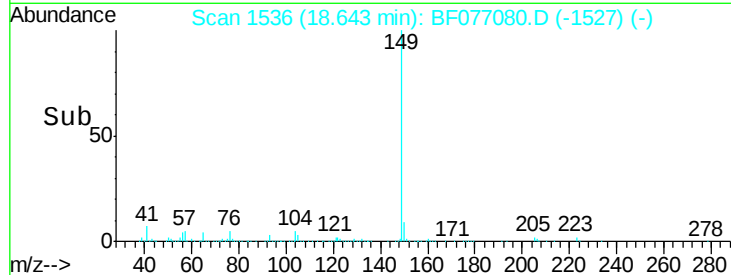
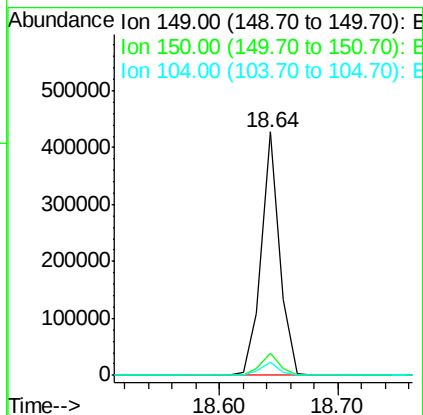
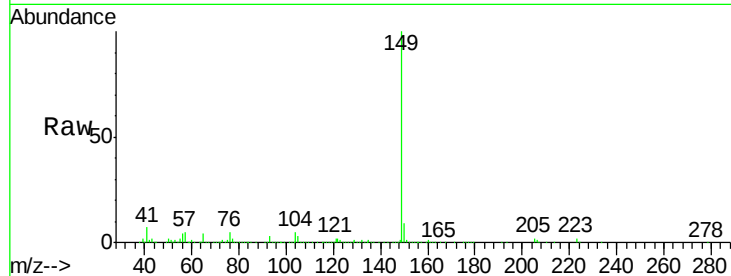
Instrument :

BNA_F

ClientSampled :

SP-1AMS

Tgt Ion:	149	Resp:	463577
Ion	Ratio	Lower	Upper
149	100		
150	9.0	6.9	10.3
104	5.2	3.7	5.5



#74

Fluoranthene

Concen: 42.65 ng

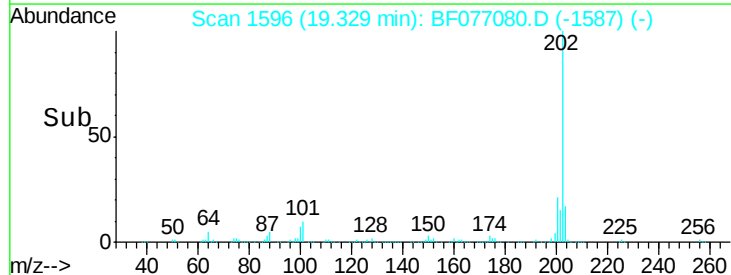
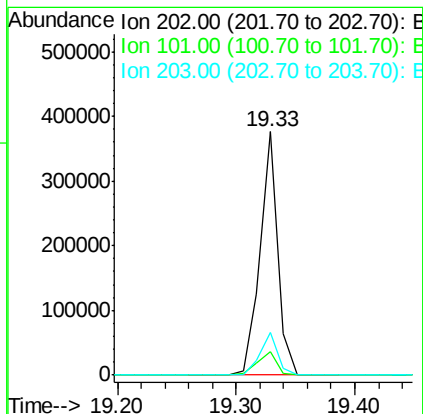
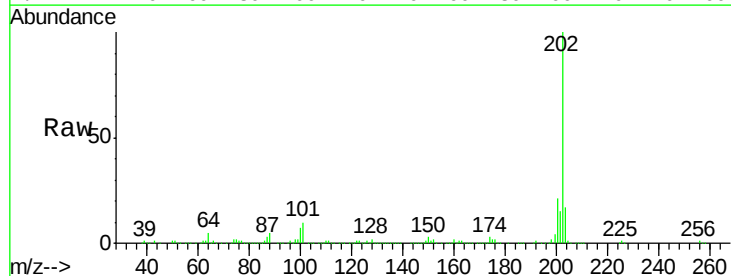
RT: 19.33 min Scan# 1596

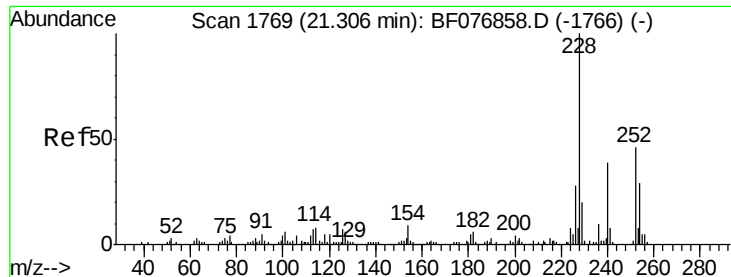
Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Tgt Ion:	202	Resp:	395094
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.7
203	17.3	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

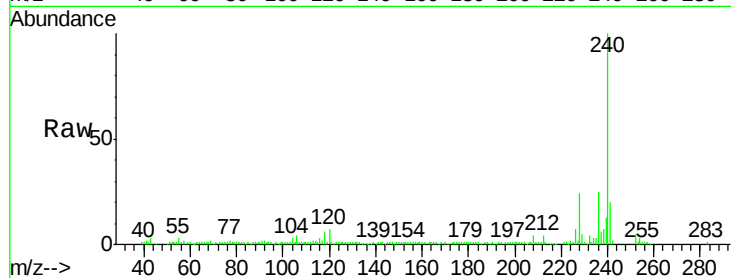
Tgt Ion:240 Resp: 135806

Ion Ratio Lower Upper

240 100

120 7.3 10.4 15.6#

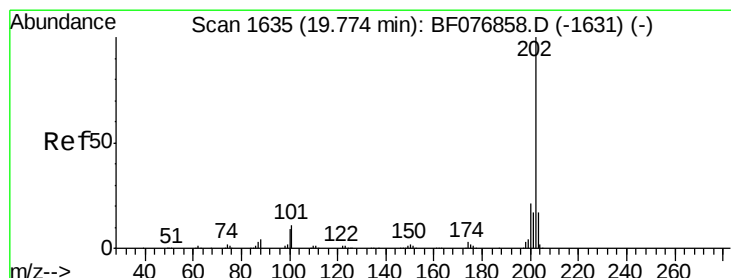
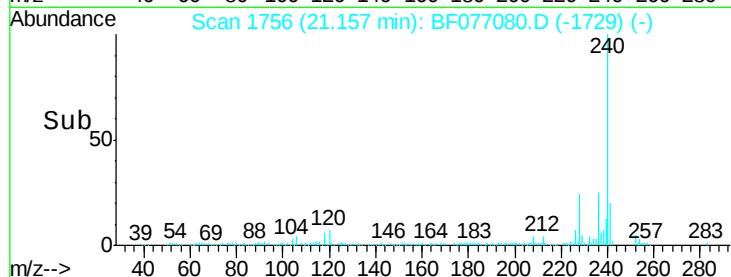
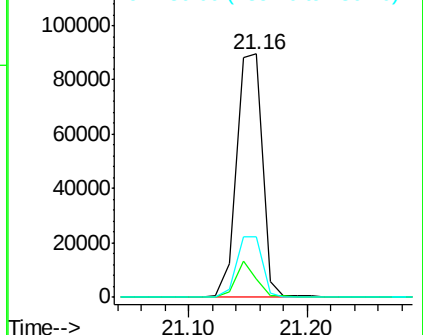
236 25.1 20.2 30.2



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



#77

Pyrene

Concen: 44.21 ng

RT: 19.61 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

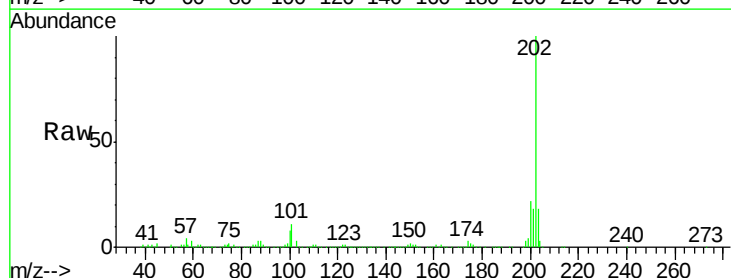
Tgt Ion:202 Resp: 411476

Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

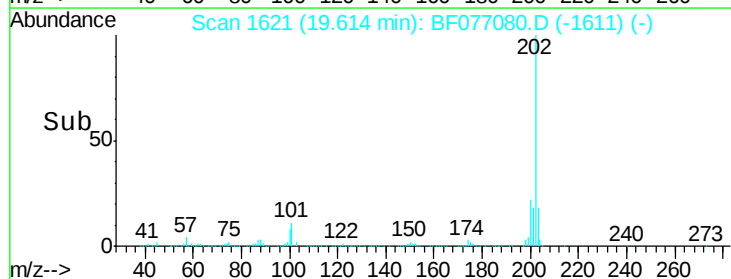
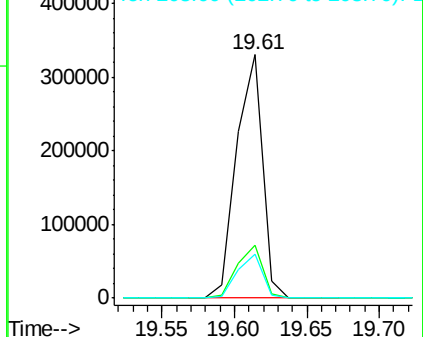
203 18.1 14.0 21.0

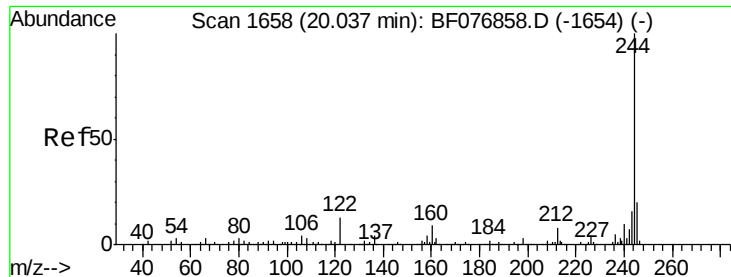


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.45 ng

RT: 19.89 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

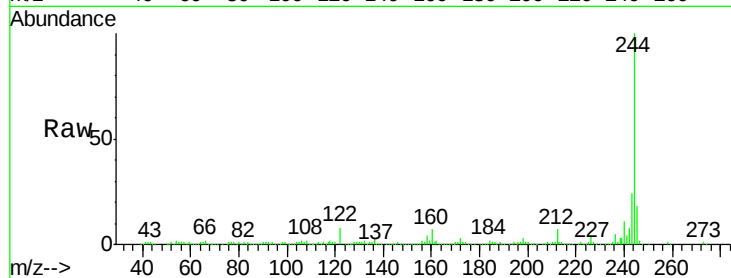
Tgt Ion:244 Resp: 462777

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

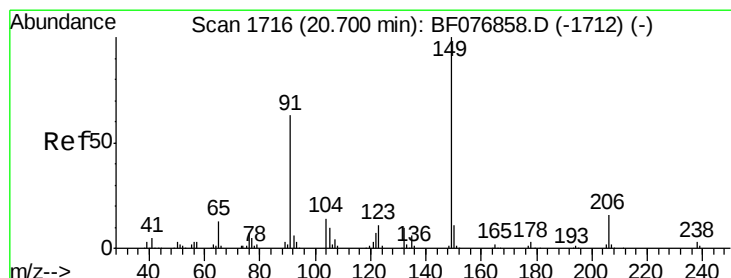
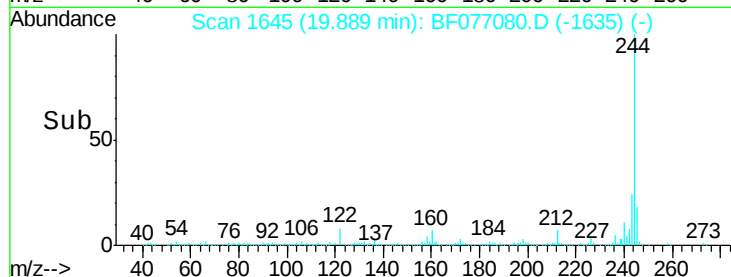
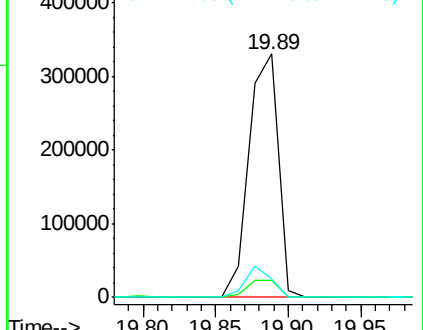
122 7.7 10.1 15.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.84 ng

RT: 20.55 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

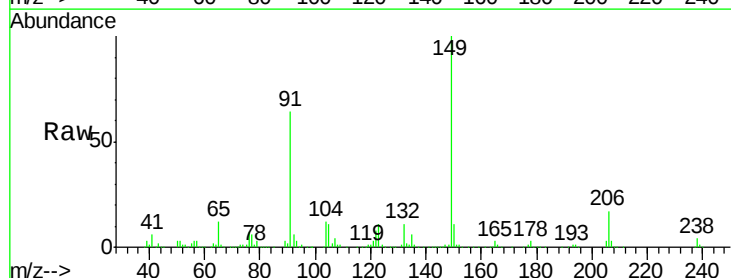
Tgt Ion:149 Resp: 214316

Ion Ratio Lower Upper

149 100

91 63.8 50.6 76.0

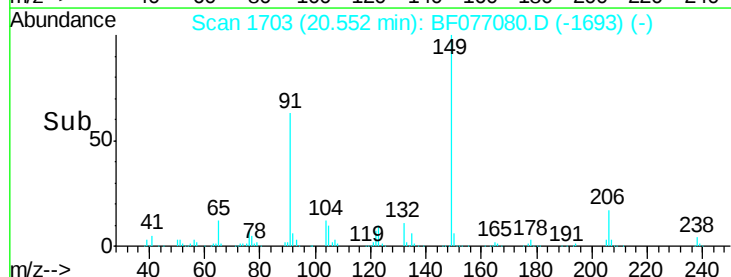
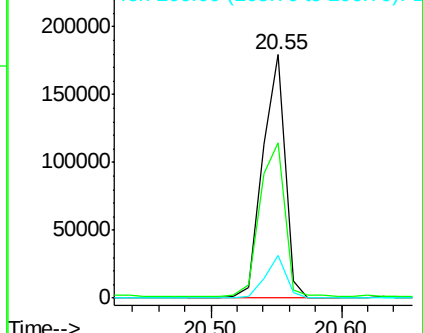
206 17.3 12.8 19.2

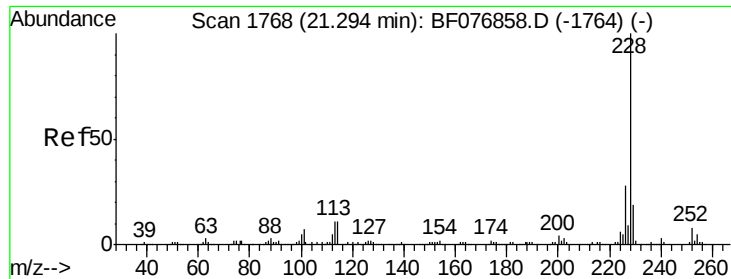


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.75 ng

RT: 21.15 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

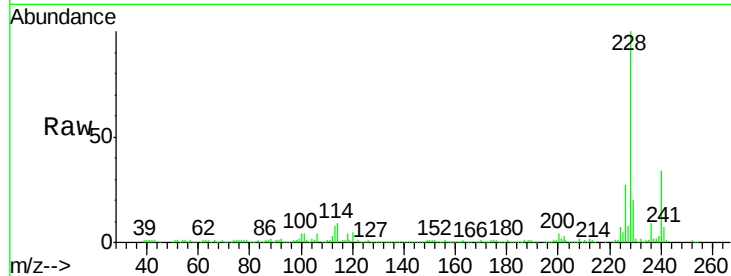
Tgt Ion:228 Resp: 364269

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

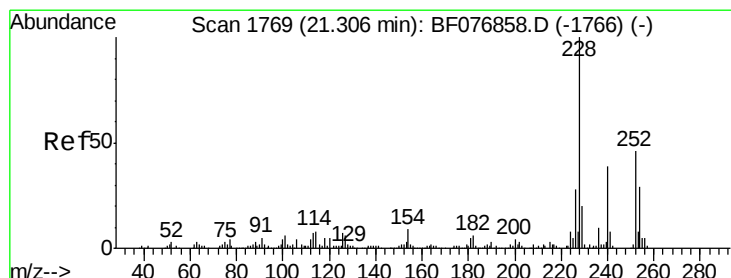
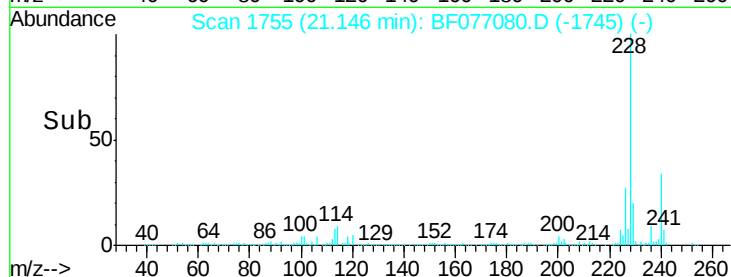
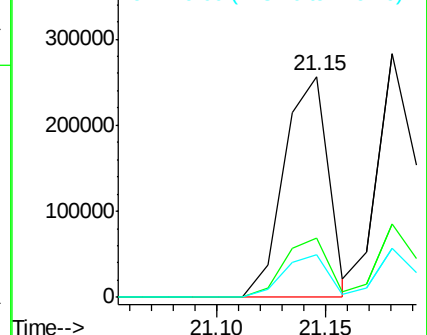
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 3.32 ng

RT: 21.16 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

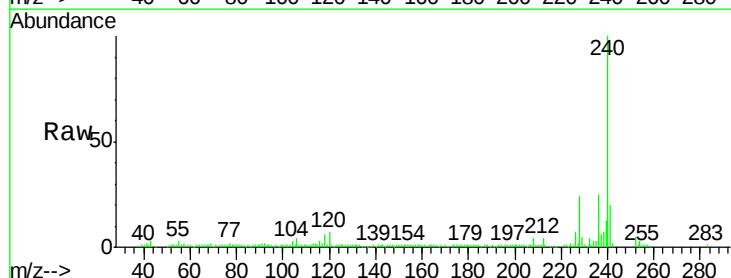
Tgt Ion:252 Resp: 8994

Ion Ratio Lower Upper

252 100

254 65.3 50.2 75.4

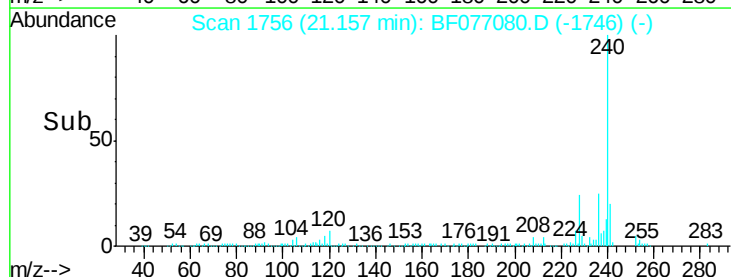
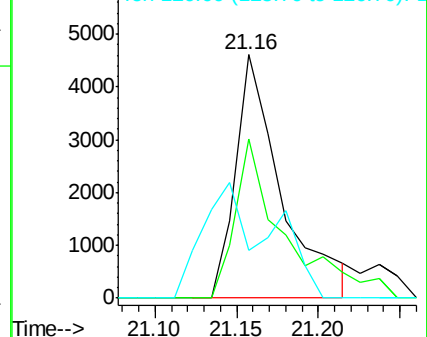
126 19.4 11.5 17.3#

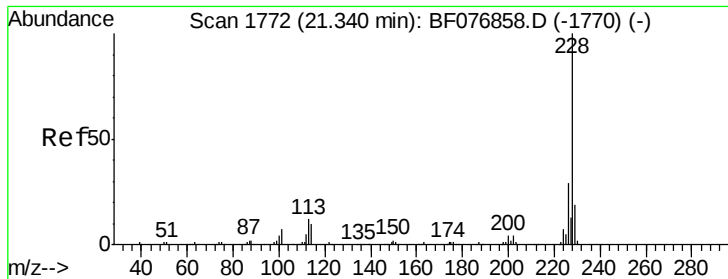


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.51 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

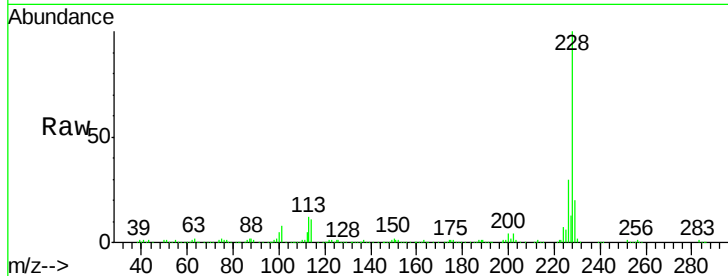
Tgt Ion: 228 Resp: 338054

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

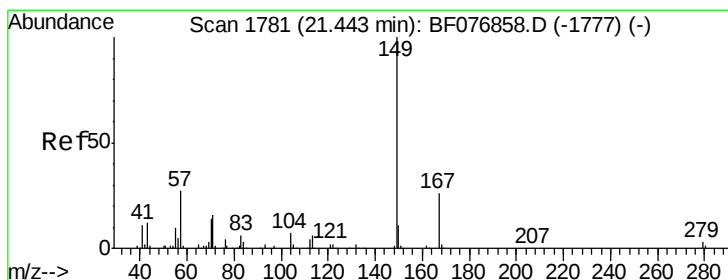
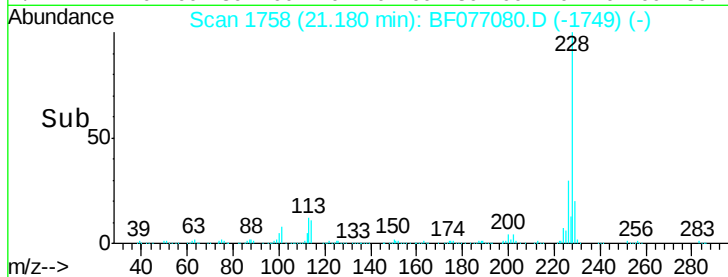
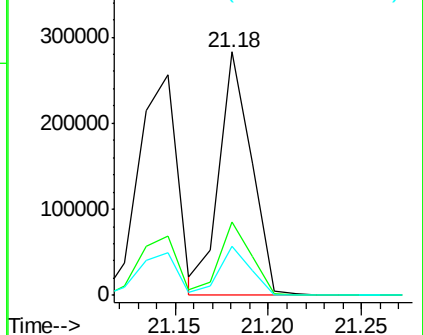
229 20.0 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.63 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

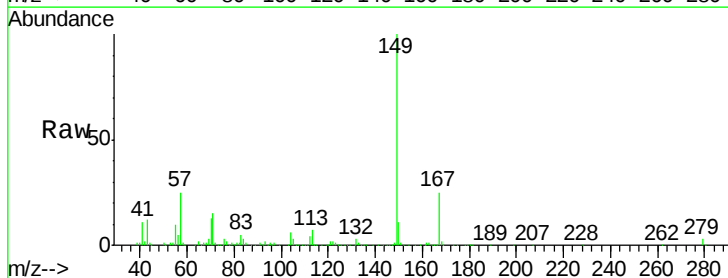
Tgt Ion: 149 Resp: 306930

Ion Ratio Lower Upper

149 100

167 24.8 20.6 30.8

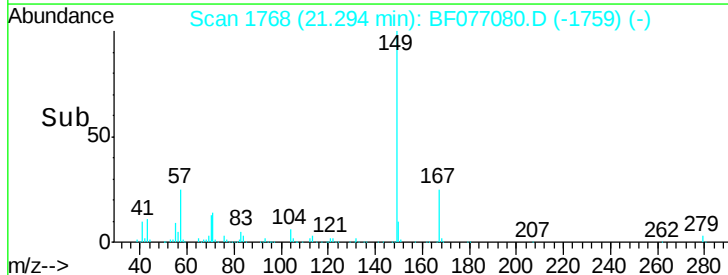
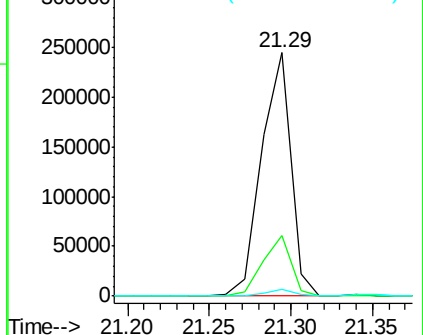
279 2.8 2.2 3.2

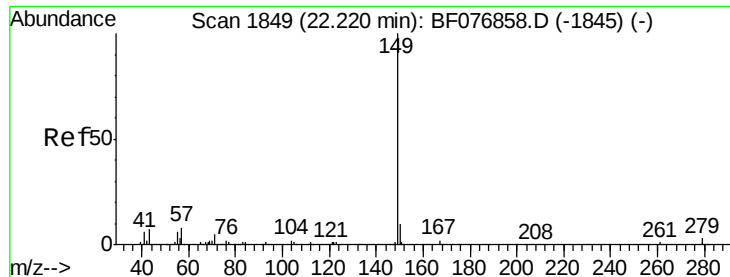


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 50.58 ng

RT: 22.06 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

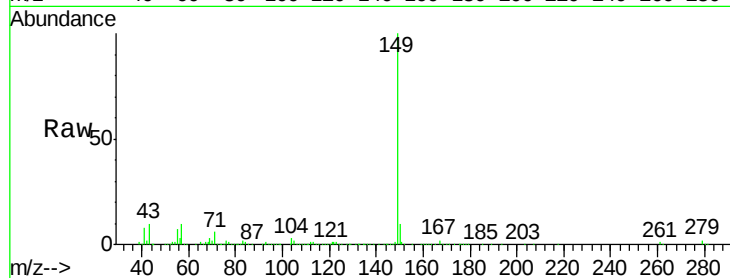
Tgt Ion:149 Resp: 511970

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

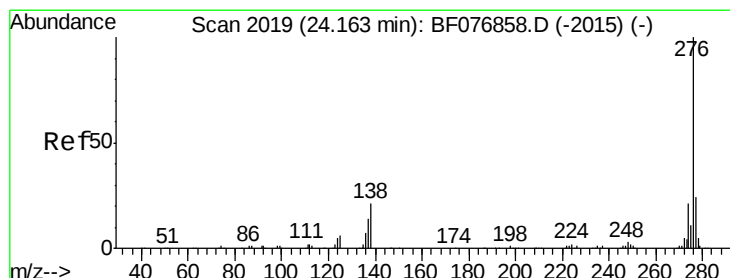
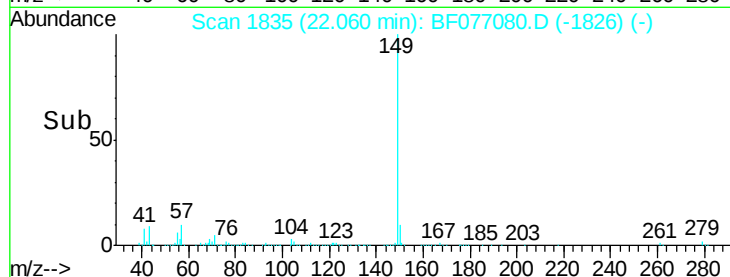
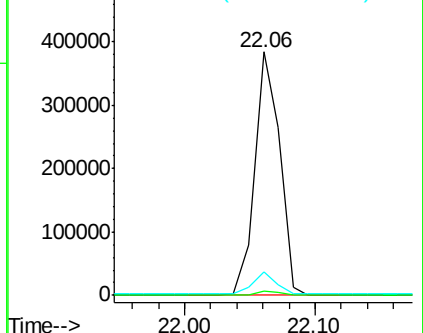
43 9.0 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.37 ng

RT: 23.91 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

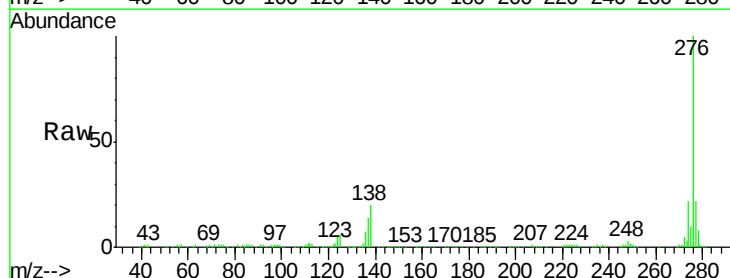
Tgt Ion:276 Resp: 357187

Ion Ratio Lower Upper

276 100

138 26.7 14.6 22.0#

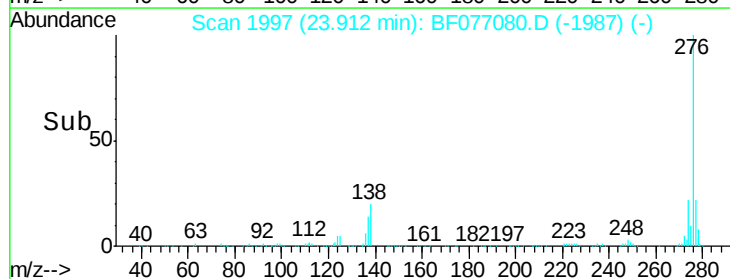
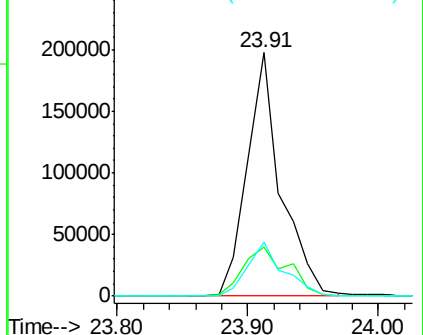
277 24.0 14.8 22.2#

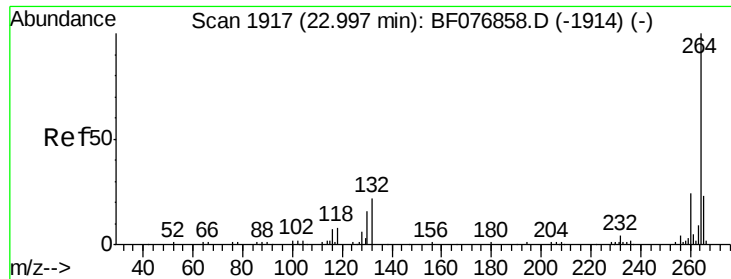


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.80 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

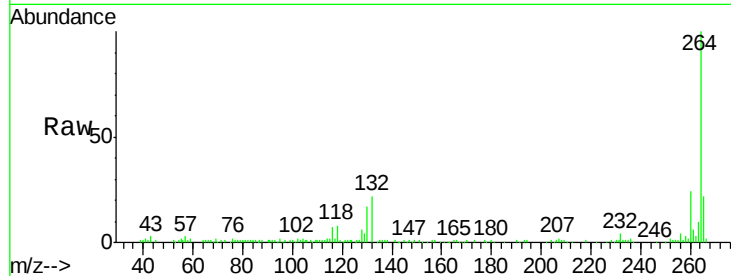
Tgt Ion:264 Resp: 123964

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

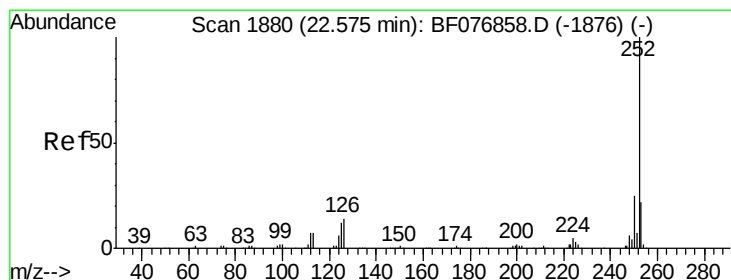
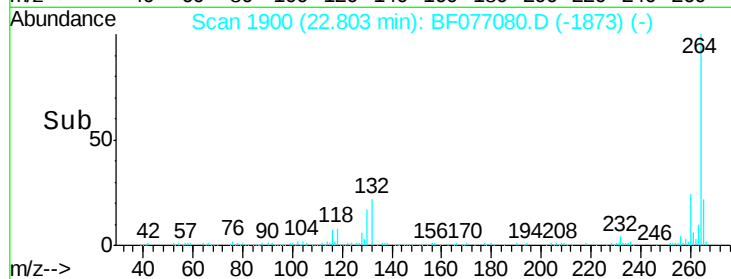
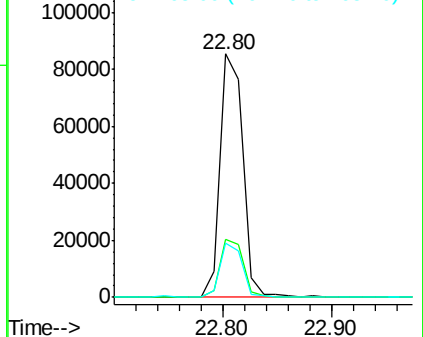
265 22.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 43.47 ng

RT: 22.40 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

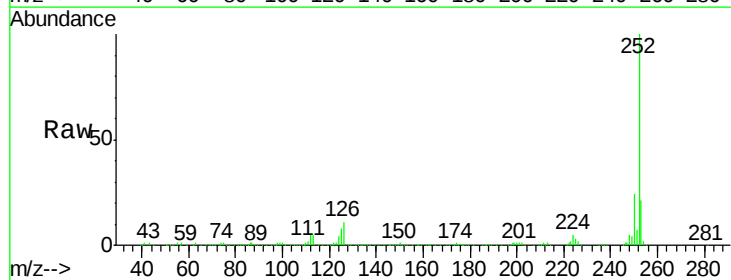
Tgt Ion:252 Resp: 362974

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

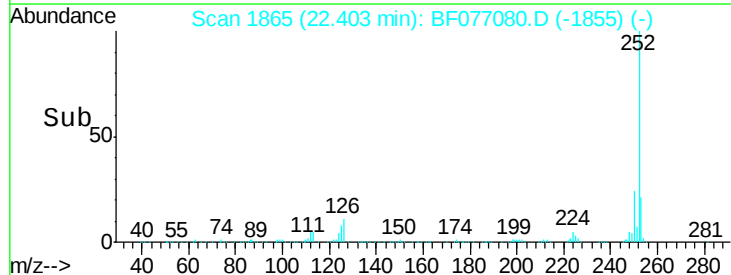
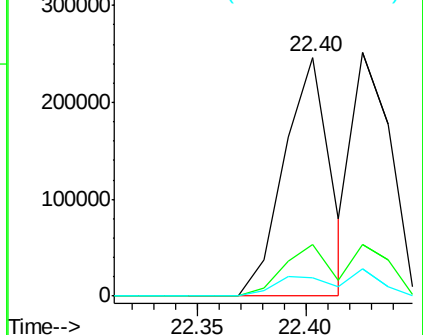
125 7.9 9.4 14.0#

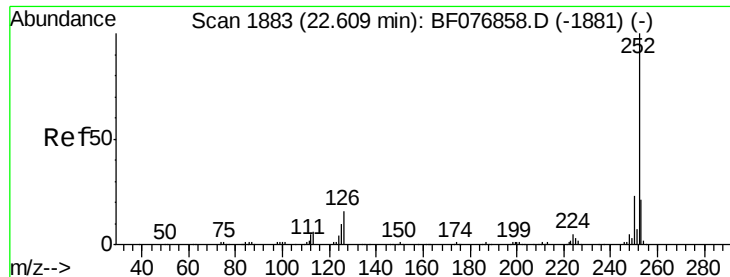


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 49.76 ng

RT: 22.40 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

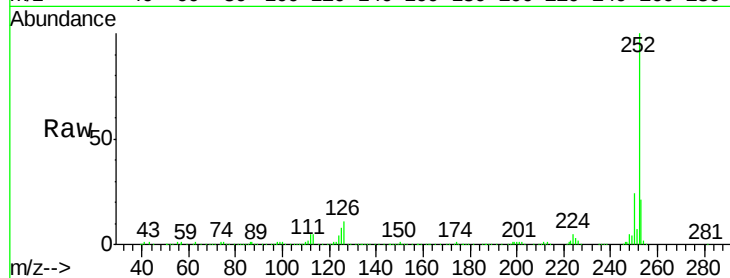
Tgt Ion:252 Resp: 362956

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

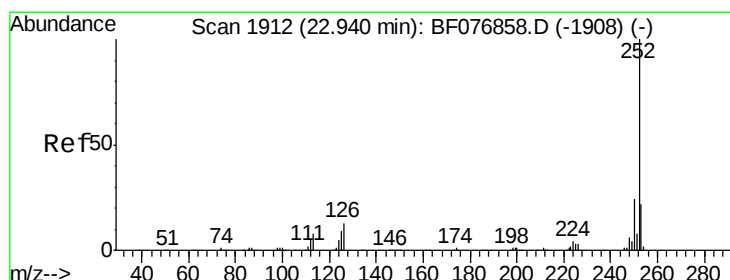
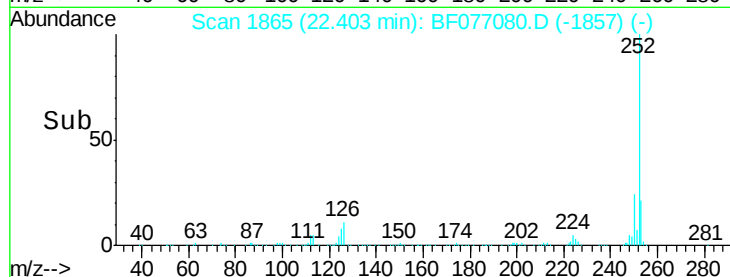
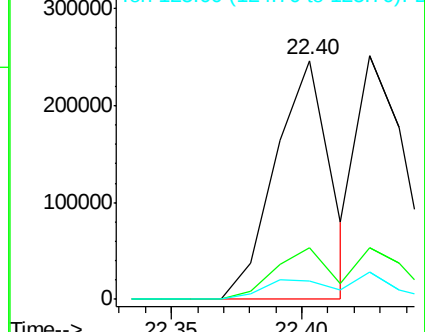
125 7.9 7.1 10.7



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



#89

Benzo(a)pyrene

Concen: 42.69 ng

RT: 22.75 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

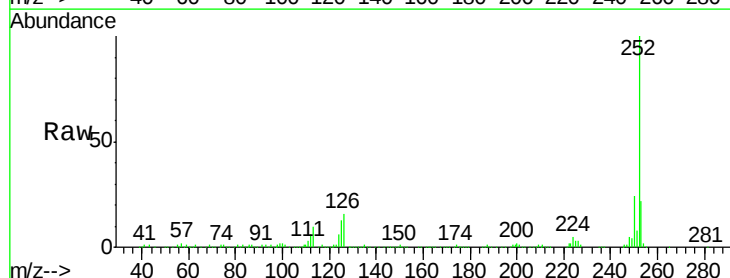
Tgt Ion:252 Resp: 314381

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

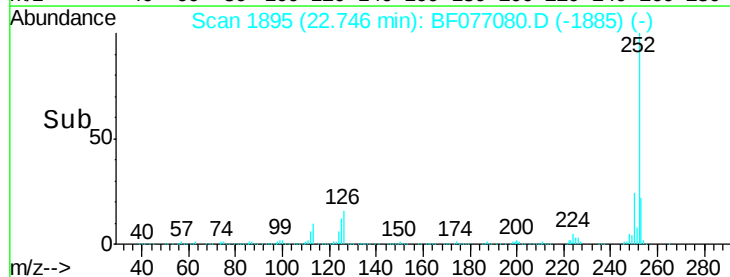
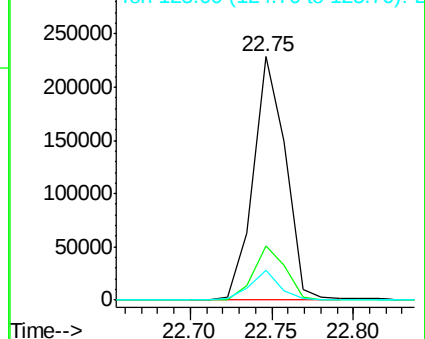
125 12.5 7.2 10.8#

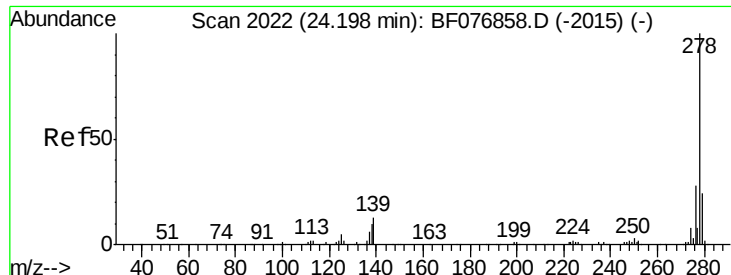


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 43.20 ng

RT: 23.93 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

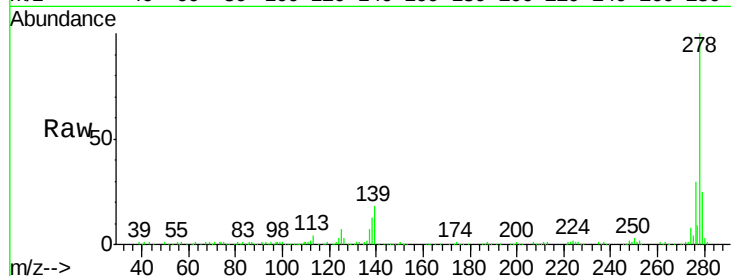
Tgt Ion:278 Resp: 291934

Ion Ratio Lower Upper

278 100

139 17.6 10.5 15.7#

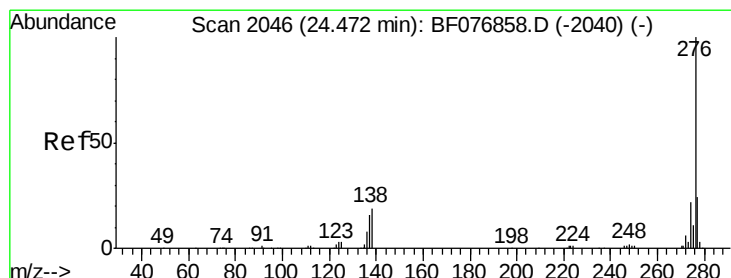
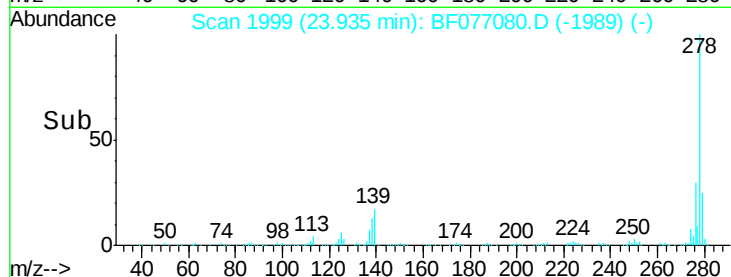
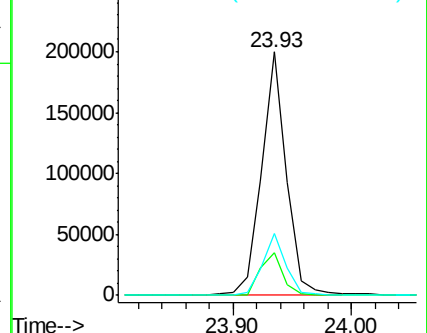
279 25.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.24 ng

RT: 24.20 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF077080.D

Acq: 27 Jan 2015 8:50

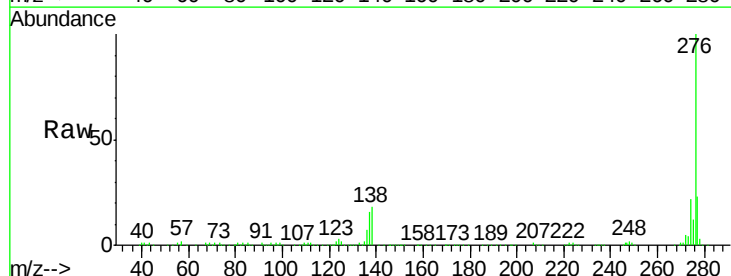
Tgt Ion:276 Resp: 297190

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 18.1 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

