

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003721.D
 Acq On : 22 Dec 2015 23:02
 Operator : UM/SJ
 Sample : G4913-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Quant Time: Dec 23 00:41:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37164	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	146246	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	74228	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	152157	20.00	ng	-0.03
75) Chrysene-d12	21.30	240	157691	20.00	ng	-0.02
86) Perylene-d12	23.54	264	165279	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	359802	172.13	ng	-0.02
7) Phenol-d6	6.87	99	458273	157.88	ng	-0.02
23) Nitrobenzene-d5	8.85	82	275551	116.82	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	120481	162.52	ng	-0.02
44) 2-Fluorobiphenyl	12.96	172	571817	104.96	ng	-0.03
78) Terphenyl-d14	19.73	244	586691	87.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	41136	47.43	ng	# 100
3) Pyridine	3.57	79	118893	48.93	ng	90
4) n-Nitrosodimethylamine	3.50	42	45916	59.03	ng	90
6) Aniline	7.02	93	113280	29.65	ng	97
8) 2-Chlorophenol	7.26	128	138542	52.34	ng	96
9) Benzaldehyde	6.83	77	46274	32.51	ng	98
10) Phenol	6.90	94	168135	54.59	ng	# 73
11) bis(2-Chloroethyl)ether	7.12	93	123914	49.73	ng	99
12) 1,3-Dichlorobenzene	7.58	146	145750	50.13	ng	98
13) 1,4-Dichlorobenzene	7.73	146	148609	49.57	ng	97
14) 1,2-Dichlorobenzene	8.05	146	141902	49.57	ng	96
15) Benzyl Alcohol	7.93	79	111403	55.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	133315	50.08	ng	93
17) 2-Methylphenol	8.14	107	110248	51.20	ng	97
18) Hexachloroethane	8.76	117	51839	50.32	ng	94
19) n-Nitroso-di-n-propylamine	8.50	70	92396	48.53	ng	90
20) 3+4-Methylphenols	8.47	107	147840	49.62	ng	97
22) Acetophenone	8.52	105	191492	53.42	ng	# 91
24) Nitrobenzene	8.89	77	142356	55.82	ng	92
25) Isophorone	9.41	82	249920	52.38	ng	96
26) 2-Nitrophenol	9.60	139	69689	54.03	ng	90
27) 2,4-Dimethylphenol	9.67	122	118695	52.85	ng	95
28) bis(2-Chloroethoxy)methane	9.90	93	155578	54.27	ng	99
29) 2,4-Dichlorophenol	10.13	162	119458	55.84	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	124073	51.94	ng	98
31) Naphthalene	10.53	128	406484	53.12	ng	100
32) Benzoic acid	9.78	122	31628	26.63	ng	98
33) 4-Chloroaniline	10.65	127	41471	13.13	ng	# 94
34) Hexachlorobutadiene	10.82	225	73344	51.78	ng	96
35) Caprolactam	11.41	113	34627	48.96	ng	# 79
36) 4-Chloro-3-methylphenol	11.78	107	125056	51.84	ng	88
37) 2-Methylnaphthalene	12.15	142	280049	53.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	129047	54.08	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	143693	107.95	ng	97

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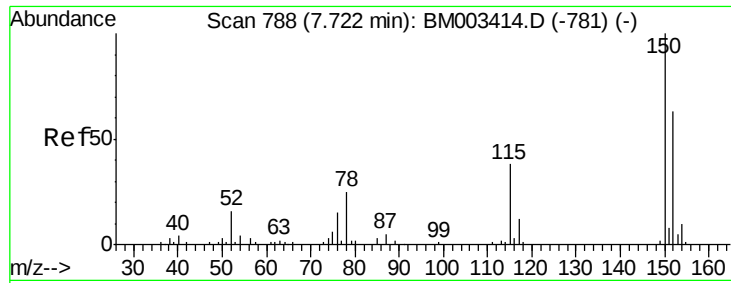
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Quant Time: Dec 23 00:41:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.77	196	87116	55.97	ng	98
43) 2,4,5-Trichlorophenol	12.84	196	93220	56.99	ng	# 90
45) 1,1'-Biphenyl	13.17	154	343430	52.17	ng	98
46) 2-Chloronaphthalene	13.22	162	260545	53.89	ng	# 92
47) 2-Nitroaniline	13.43	65	69637	58.07	ng	99
48) Acenaphthylene	14.07	152	422173	52.37	ng	99
49) Dimethylphthalate	13.81	163	452052	73.90	ng	99
50) 2,6-Dinitrotoluene	13.93	165	68613	53.76	ng	97
51) Acenaphthene	14.41	154	245284	52.51	ng	100
52) 3-Nitroaniline	14.26	138	35119	26.89	ng	85
53) 2,4-Dinitrophenol	14.47	184	56794	78.86	ng	# 83
54) Dibenzofuran	14.74	168	387158	57.39	ng	94
55) 4-Nitrophenol	14.58	139	120063	111.32	ng	79
56) 2,4-Dinitrotoluene	14.72	165	93867	56.69	ng	# 74
57) Fluorene	15.40	166	304537	54.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.98	232	74368	59.14	ng	# 100
59) Diethylphthalate	15.17	149	313034	52.12	ng	98
60) 4-Chlorophenyl-phenylether	15.39	204	144451	51.08	ng	92
61) 4-Nitroaniline	15.43	138	66174	49.61	ng	78
62) Azobenzene	15.69	77	285448	60.63	ng	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	45171	49.21	ng	86
65) n-Nitrosodiphenylamine	15.61	169	264064	54.89	ng	99
66) 4-Bromophenyl-phenylether	16.29	248	84635	51.59	ng	# 85
67) Hexachlorobenzene	16.40	284	92296	52.36	ng	# 82
68) Atrazine	16.56	200	86172	57.44	ng	98
69) Pentachlorophenol	16.75	266	100329	99.71	ng	98
70) Phenanthrene	17.14	178	469159	54.95	ng	100
71) Anthracene	17.23	178	463513	54.64	ng	99
72) Carbazole	17.50	167	437914	59.25	ng	99
73) Di-n-butylphthalate	18.06	149	500194	57.89	ng	99
74) Fluoranthene	19.16	202	508864	57.79	ng	98
76) Benzidine	19.35	184	196688	38.93	ng	99
77) Pyrene	19.53	202	528517	47.79	ng	100
79) Butylbenzylphthalate	20.43	149	219089	51.44	ng	96
80) Benzo(a)anthracene	21.28	228	493612	52.21	ng	99
81) 3,3'-Dichlorobenzidine	21.21	252	147270	48.92	ng	98
82) Chrysene	21.33	228	451583	49.63	ng	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	314819	53.90	ng	99
84) Di-n-octyl phthalate	22.09	149	546978	56.68	ng	96
85) Indeno(1,2,3-cd)pyrene	25.81	276	655499	68.56	ng	# 100
87) Benzo(b)fluoranthene	22.87	252	508241	50.59	ng	98
88) Benzo(k)fluoranthene	22.91	252	504010	51.39	ng	99
89) Benzo(a)pyrene	23.44	252	507867	53.74	ng	# 97
90) Dibenzo(a,h)anthracene	25.81	278	547645	59.35	ng	98
91) Benzo(g,h,i)perylene	26.50	276	556118	59.66	ng	99

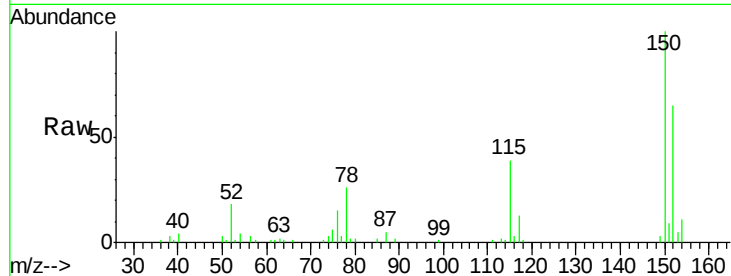
(#) = qualifier out of range (m) = manual integration (+) = signals summed



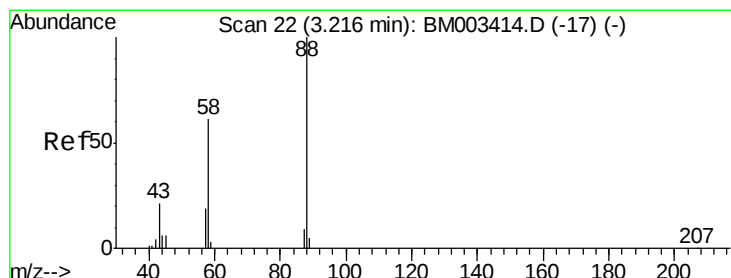
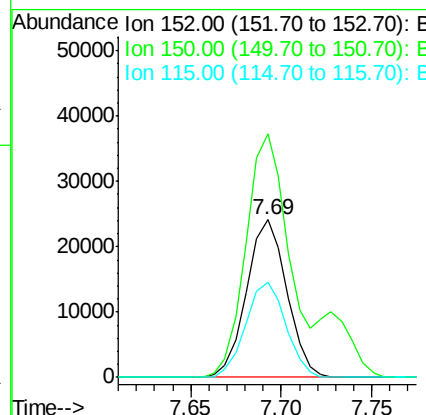
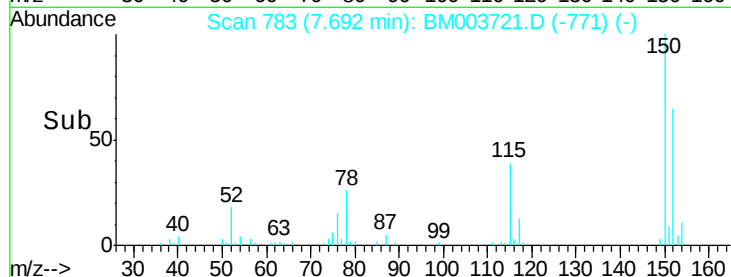
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Tgt Ion:152 Resp: 37164
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 60.1 43.0 64.4

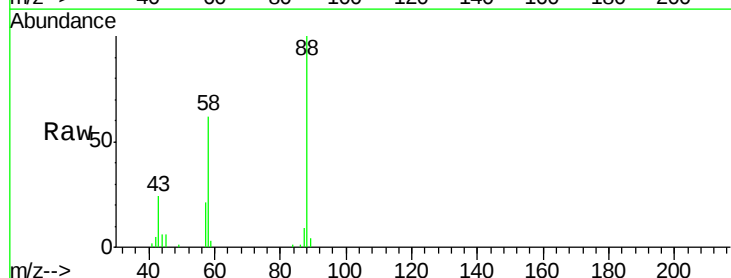


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

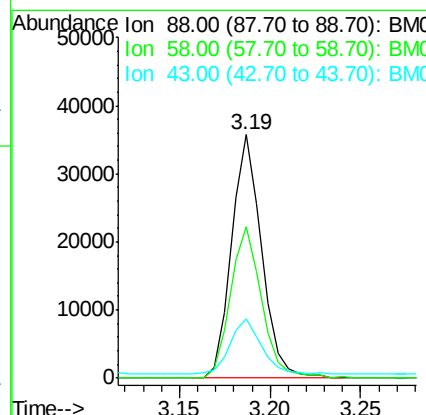
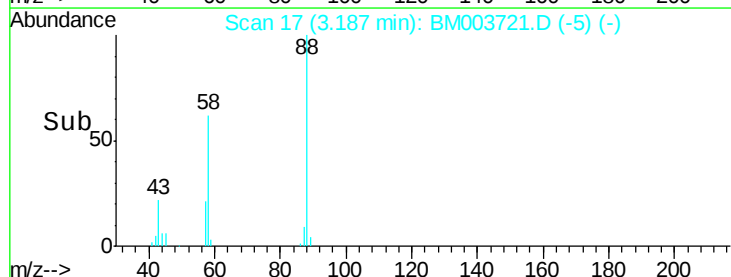


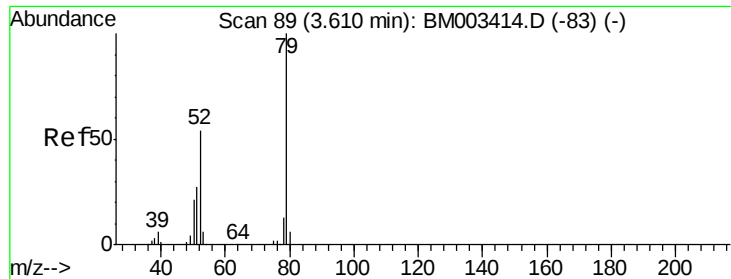
#2
 1,4-Dioxane
 Concen: 47.43 ng
 RT: 3.19 min Scan# 17
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion: 88 Resp: 41136
 Ion Ratio Lower Upper
 88 100
 58 64.4 0.0 0.0#
 43 24.3 0.0 0.0#



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





#3

Pyridine

Concen: 48.93 ng

RT: 3.57 min Scan# 83

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

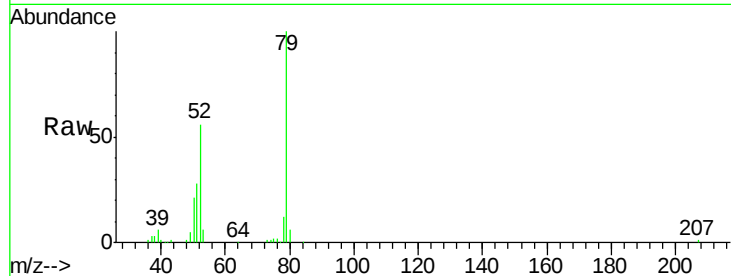
Tgt Ion: 79 Resp: 118893

Ion Ratio Lower Upper

79 100

52 55.7 51.1 76.7

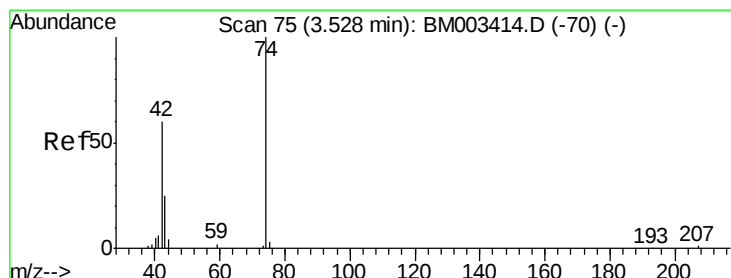
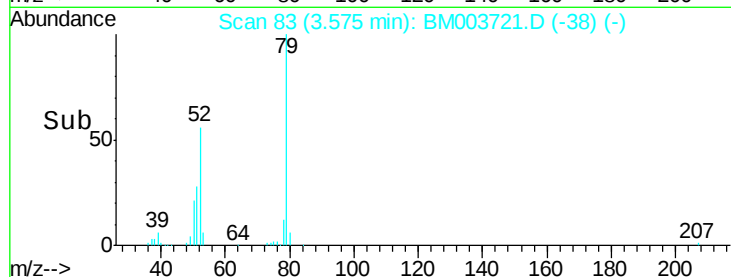
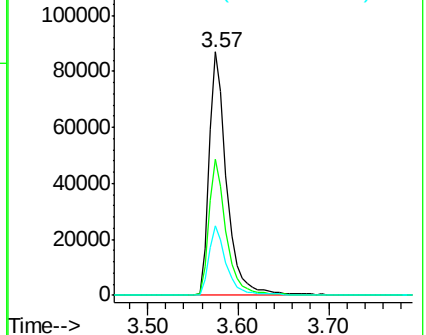
51 28.3 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003721.D (-38) (-)

Ion 52.00 (51.70 to 52.70): BM003721.D (-38) (-)

Ion 51.00 (50.70 to 51.70): BM003721.D (-38) (-)



#4

n-Nitrosodimethylamine

Concen: 59.03 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

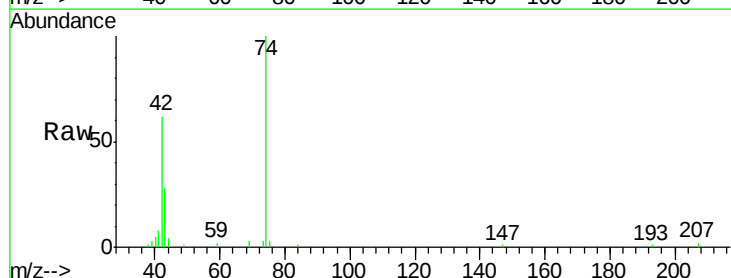
Tgt Ion: 42 Resp: 45916

Ion Ratio Lower Upper

42 100

74 162.3 119.3 178.9

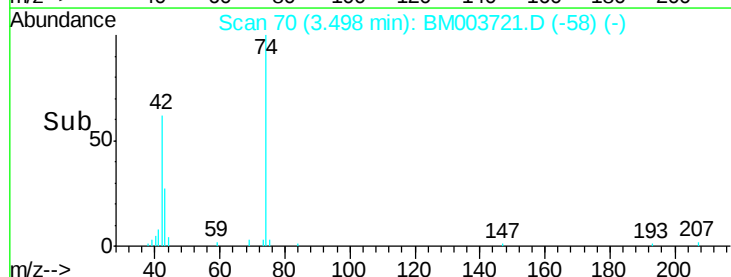
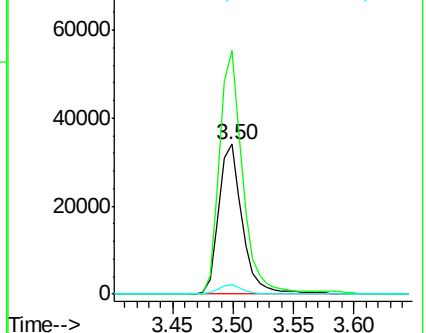
44 6.3 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM003721.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM003721.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM003721.D (-58) (-)





#5

2-Fluorophenol

Concen: 172.13 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

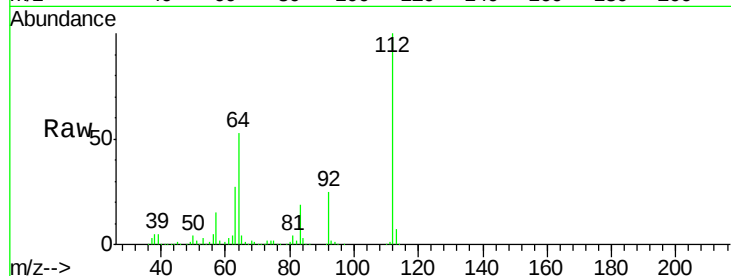
Tgt Ion: 112 Resp: 359802

Ion Ratio Lower Upper

112 100

64 52.5 38.6 57.8

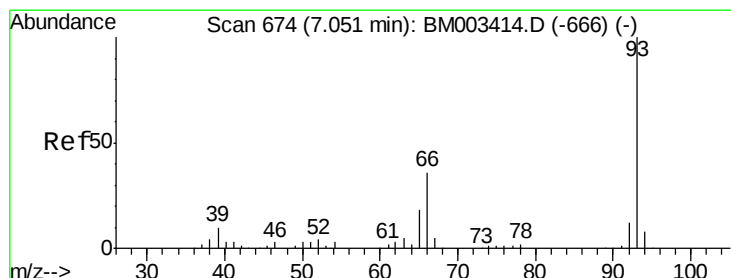
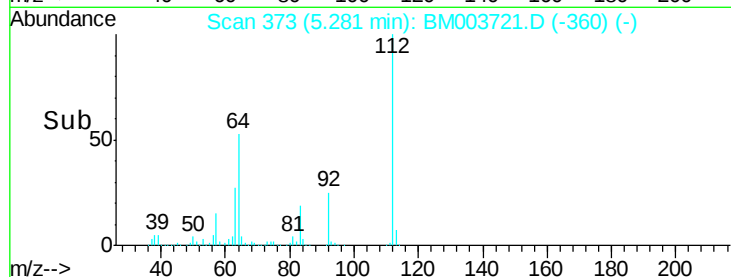
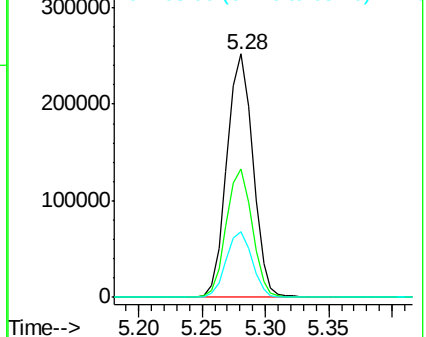
63 27.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.65 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

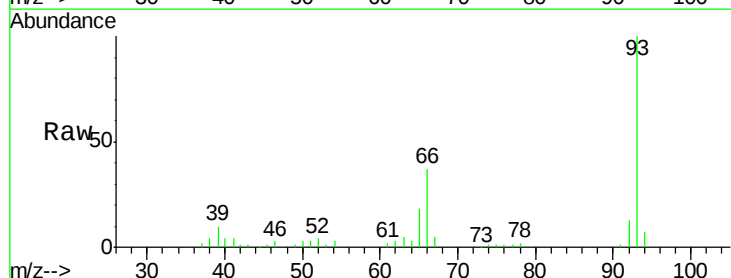
Tgt Ion: 93 Resp: 113280

Ion Ratio Lower Upper

93 100

66 37.2 30.8 46.2

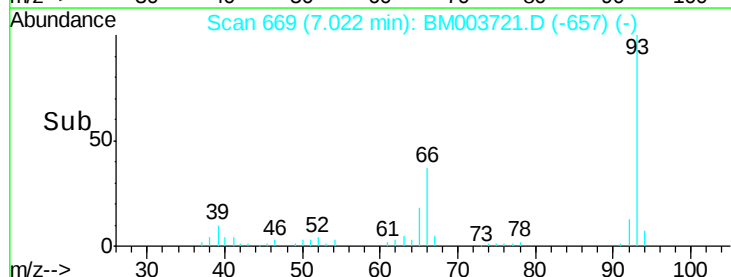
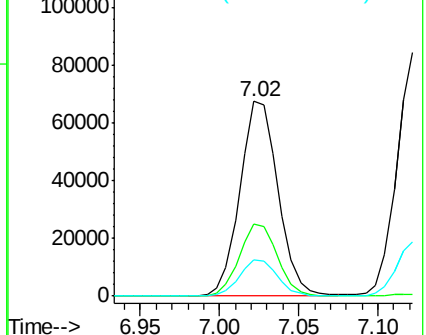
65 18.4 16.0 24.0

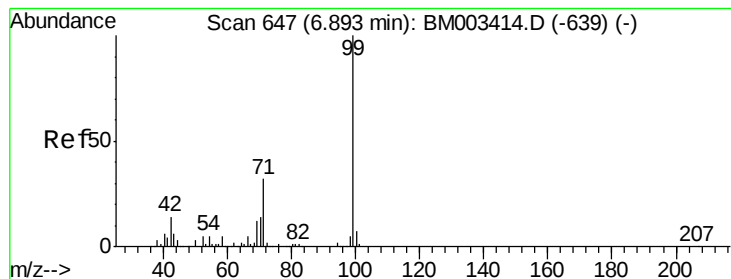


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 157.88 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

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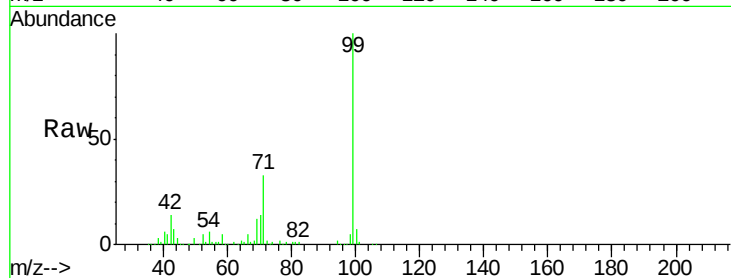
Tgt Ion: 99 Resp: 458273

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

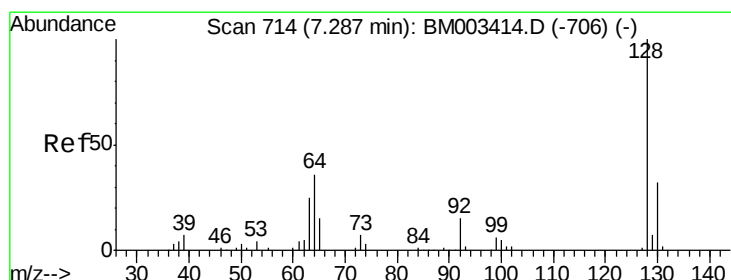
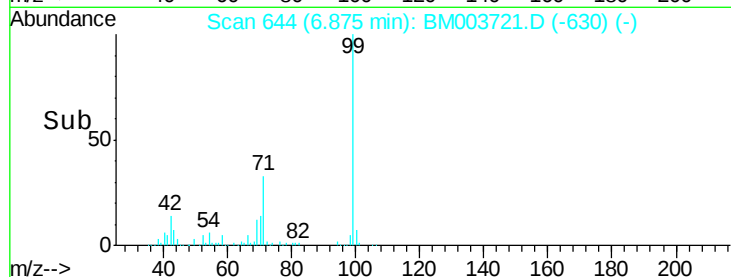
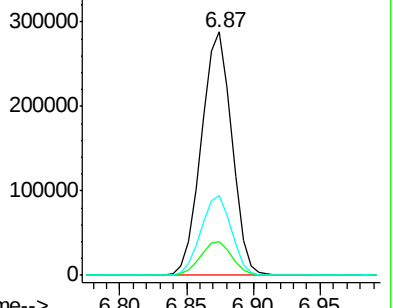
71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003721.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003721.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003721.D (-639) (-)



#8

2-Chlorophenol

Concen: 52.34 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

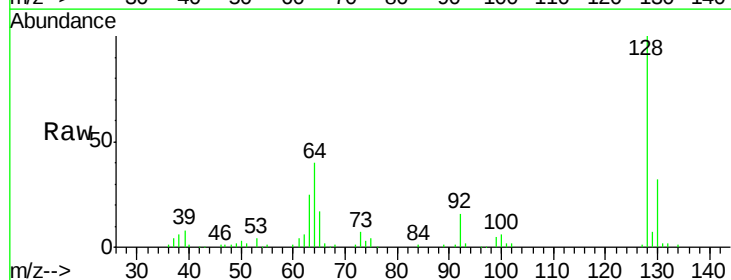
Tgt Ion: 128 Resp: 138542

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

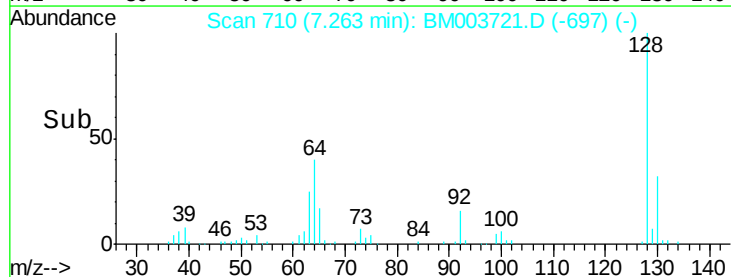
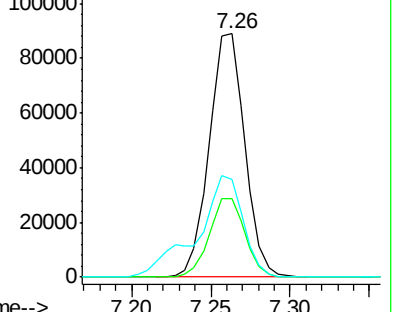
64 40.4 24.9 64.9

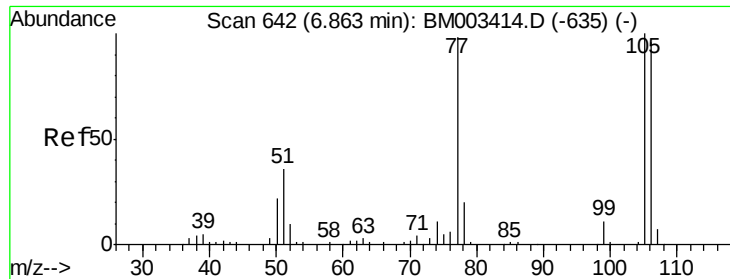


Abundance Ion 128.00 (127.70 to 128.70): BM003721.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003721.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003721.D (-697) (-)





#9

Benzaldehyde

Concen: 32.51 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

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SB-2MSD

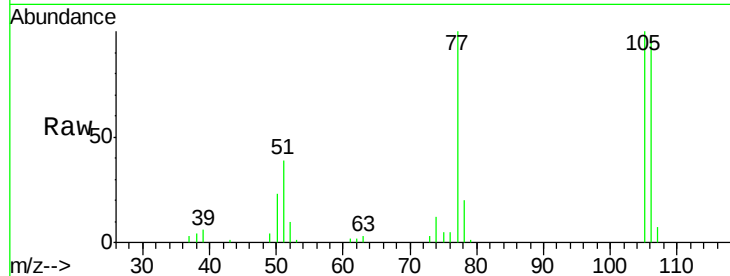
Tgt Ion: 77 Resp: 46274

Ion Ratio Lower Upper

77 100

105 100.1 78.8 118.8

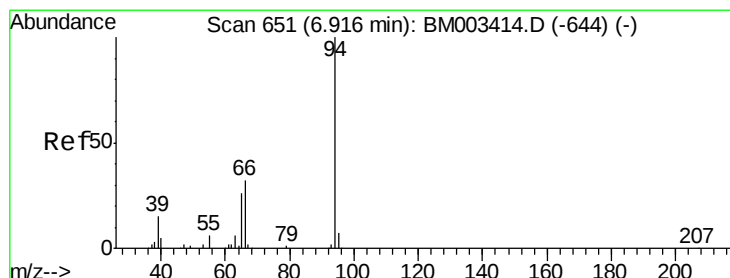
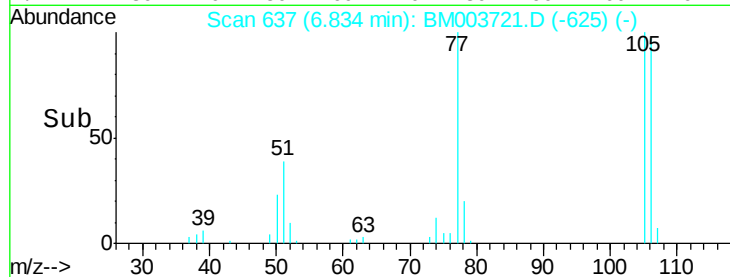
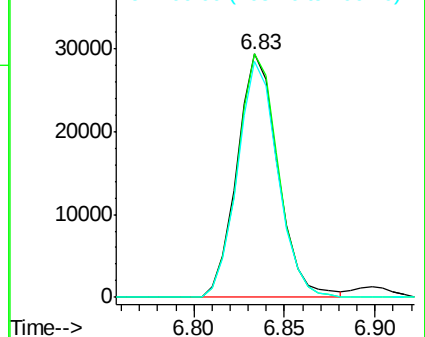
106 97.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM003721.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM003721.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM003721.D (-625) (-)



#10

Phenol

Concen: 54.59 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

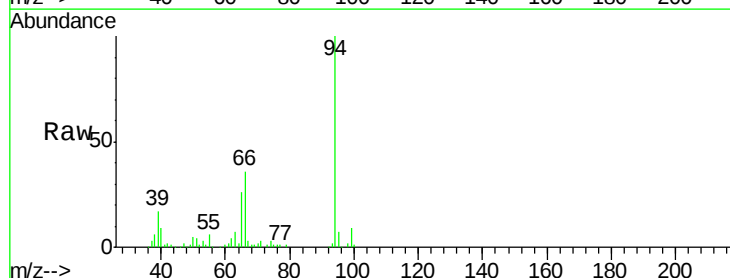
Tgt Ion: 94 Resp: 168135

Ion Ratio Lower Upper

94 100

65 26.3 18.8 58.8

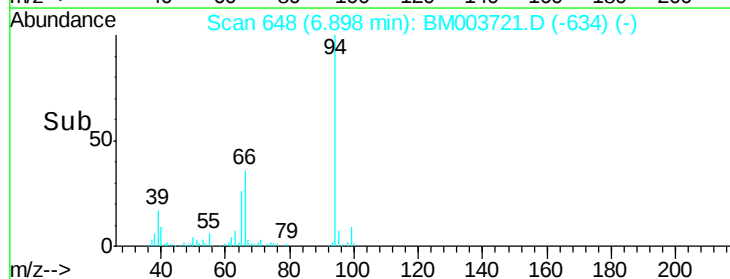
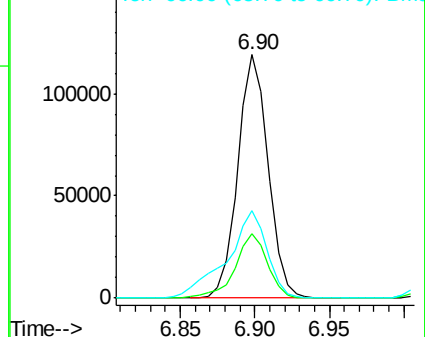
66 35.8 39.9 79.9#

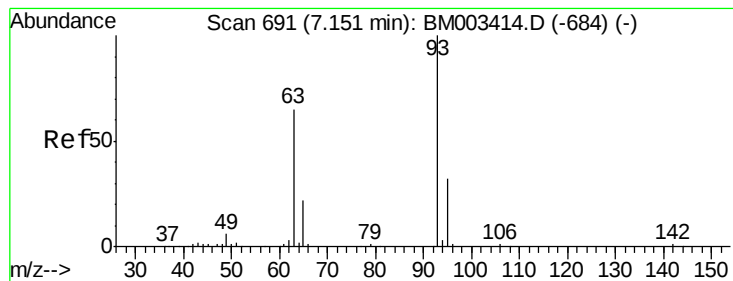


Abundance Ion 94.00 (93.70 to 94.70): BM003721.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM003721.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM003721.D (-634) (-)





#11

bis(2-Chloroethyl)ether

Concen: 49.73 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

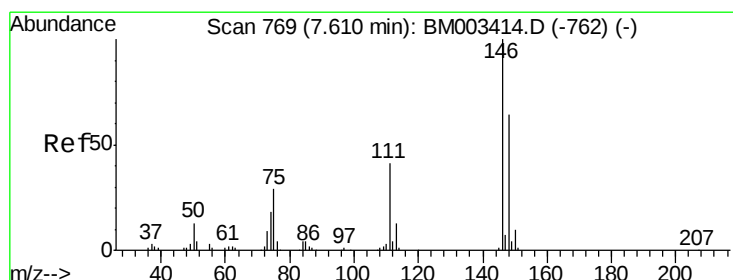
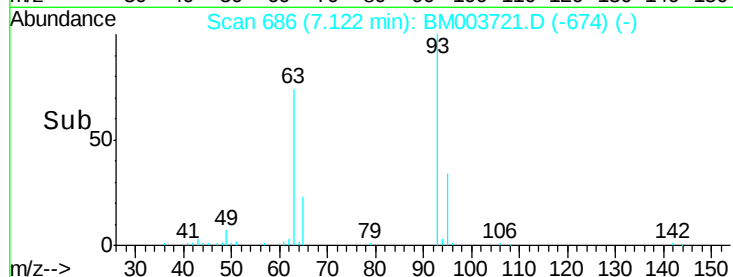
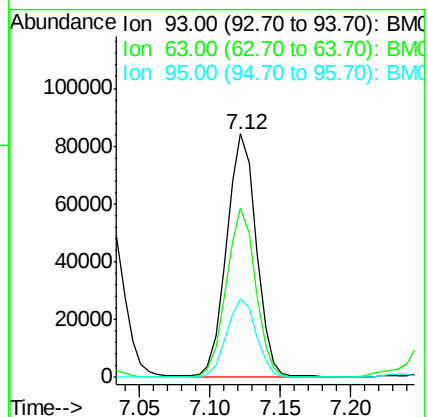
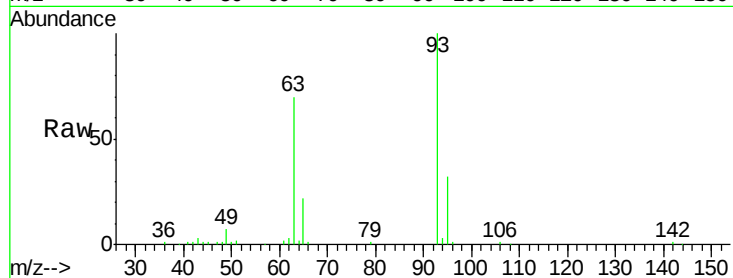
Tgt Ion: 93 Resp: 123914

Ion Ratio Lower Upper

93 100

63 69.6 49.5 89.5

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 50.13 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

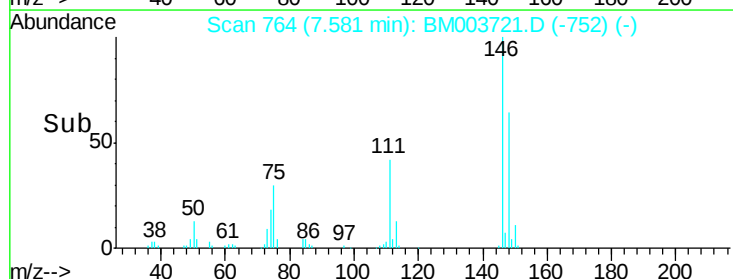
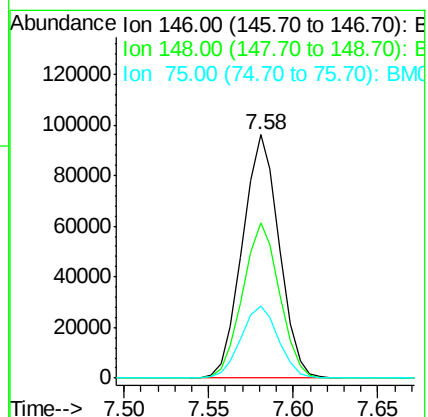
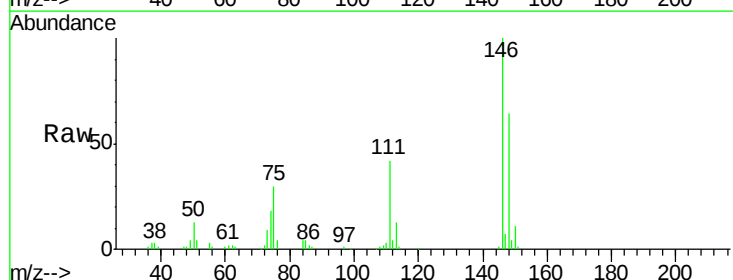
Tgt Ion: 146 Resp: 145750

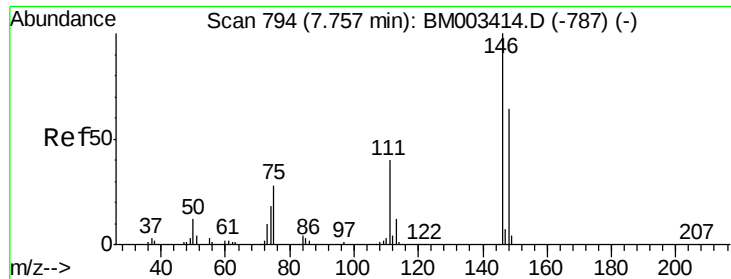
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 29.7 21.4 32.2

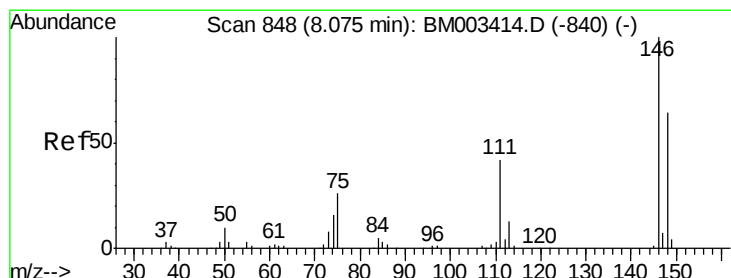
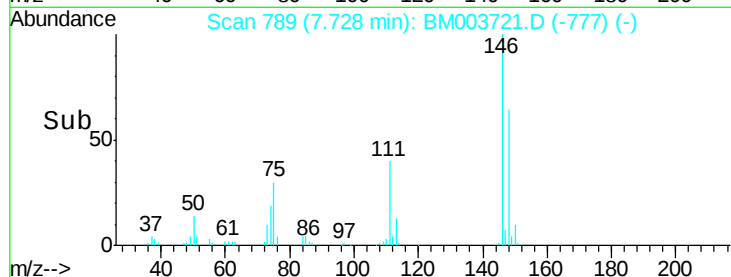
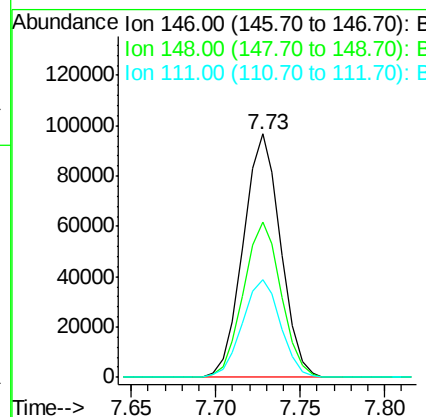
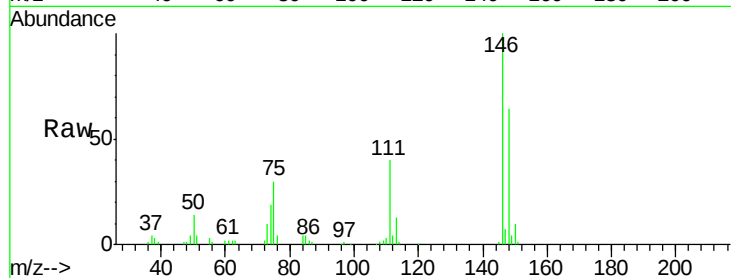




#13
 1,4-Dichlorobenzene
 Concen: 49.57 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

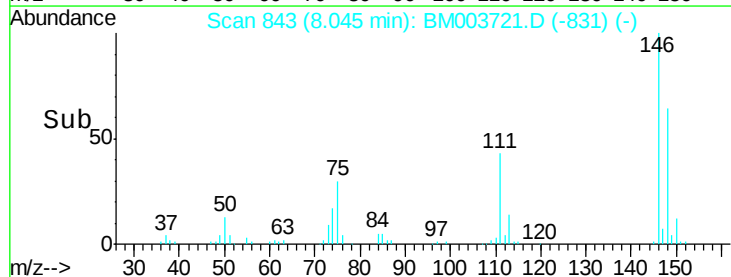
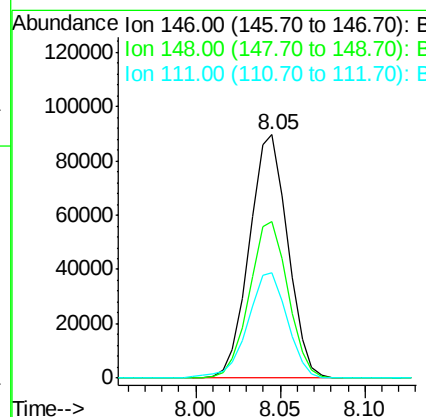
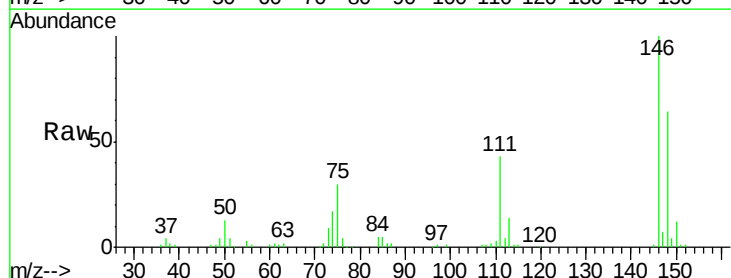
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

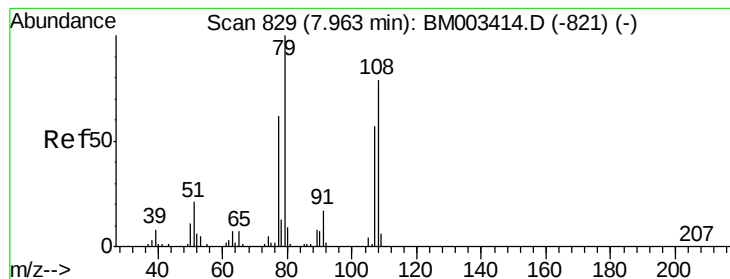
Tgt Ion:146 Resp: 148609
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 40.3 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 49.57 ng
 RT: 8.05 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:146 Resp: 141902
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 43.1 30.6 45.8





#15

Benzyl Alcohol

Concen: 55.46 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

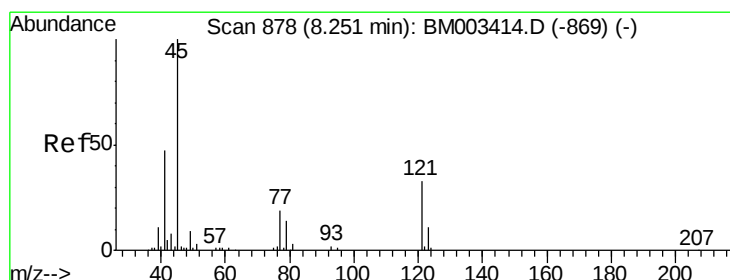
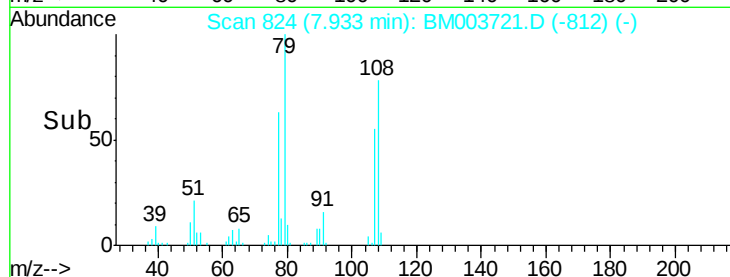
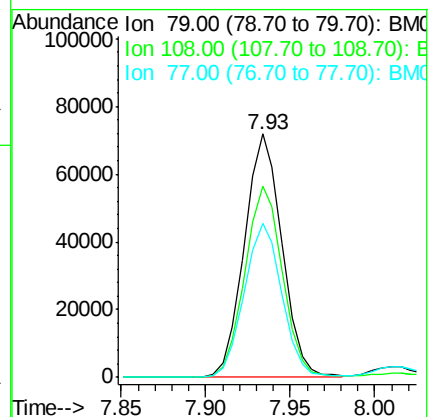
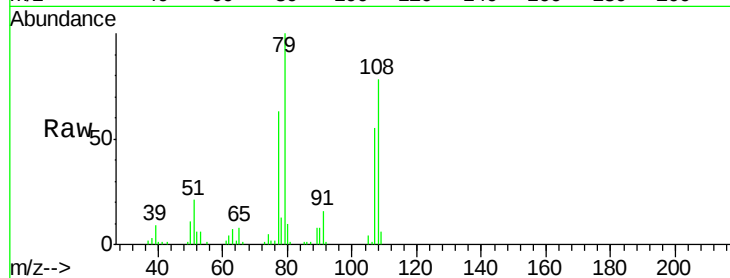
Tgt Ion: 79 Resp: 111403

Ion Ratio Lower Upper

79 100

108 78.3 65.0 97.4

77 63.4 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.08 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

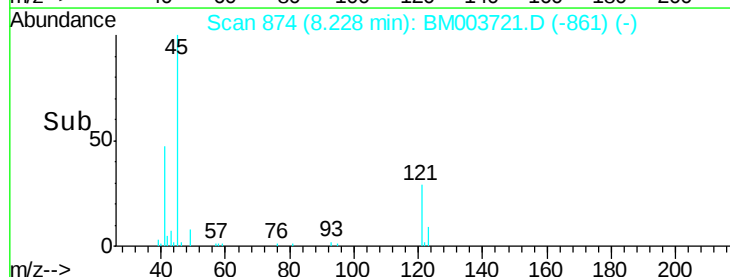
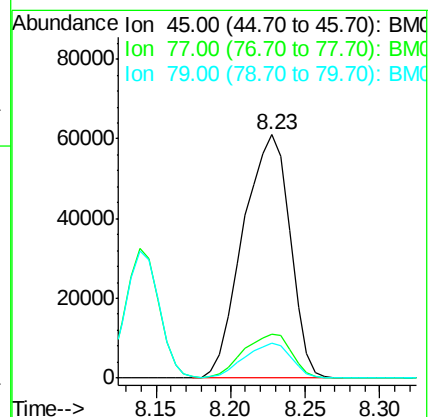
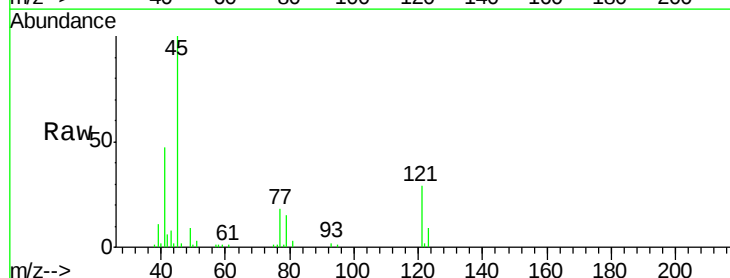
Tgt Ion: 45 Resp: 133315

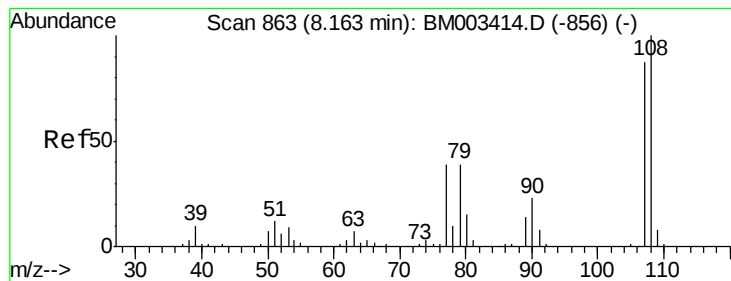
Ion Ratio Lower Upper

45 100

77 18.2 0.0 35.2

79 14.5 0.0 32.0





#17

2-Methylphenol

Concen: 51.20 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

Tgt Ion:107 Resp: 110248

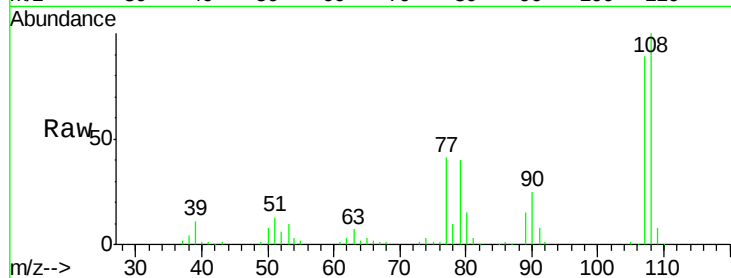
Ion Ratio Lower Upper

107 100

108 112.0 89.8 134.8

77 46.1 32.6 48.8

79 44.9 32.8 49.2

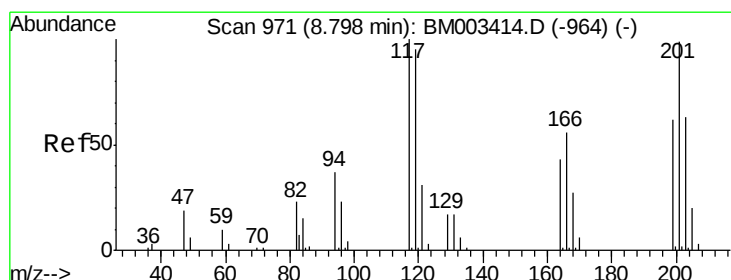
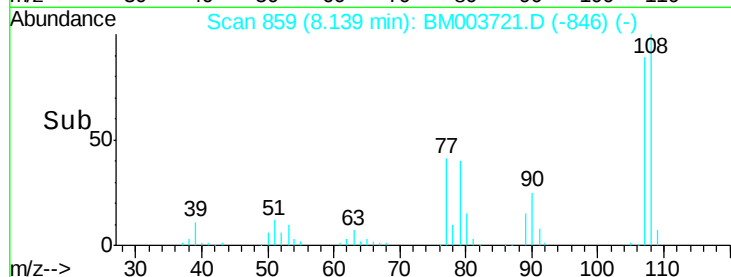
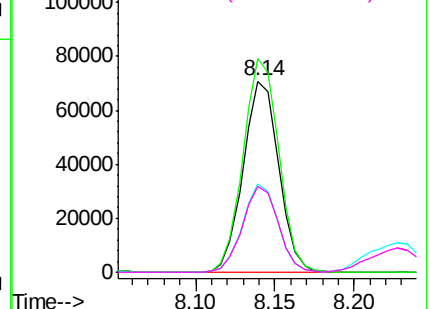


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 50.32 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

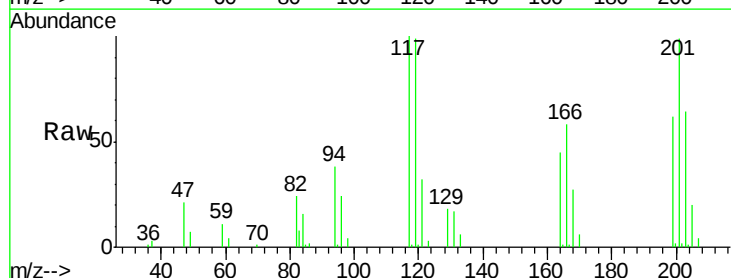
Tgt Ion:117 Resp: 51839

Ion Ratio Lower Upper

117 100

119 98.6 79.2 118.8

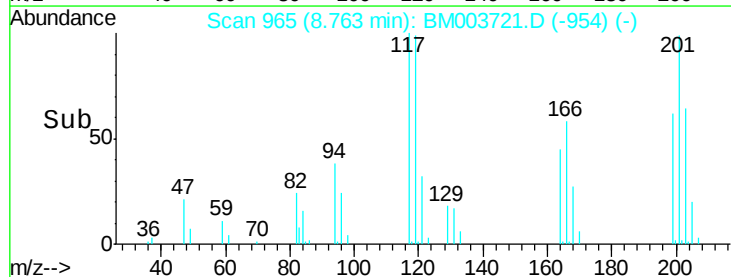
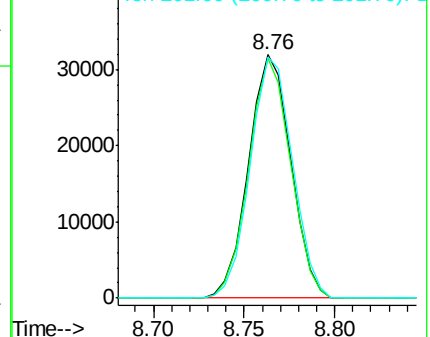
201 98.8 69.8 104.6

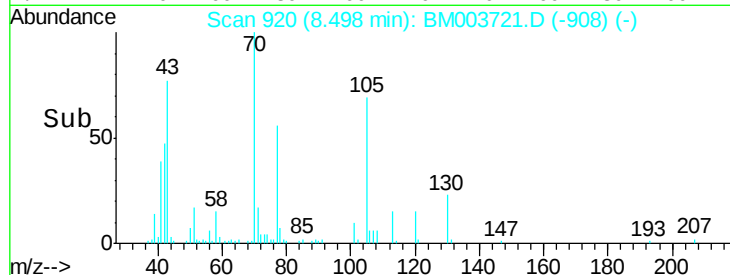
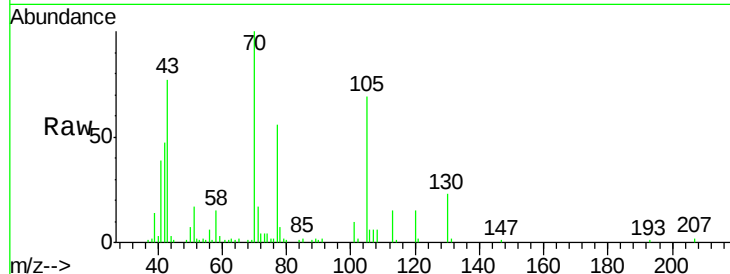
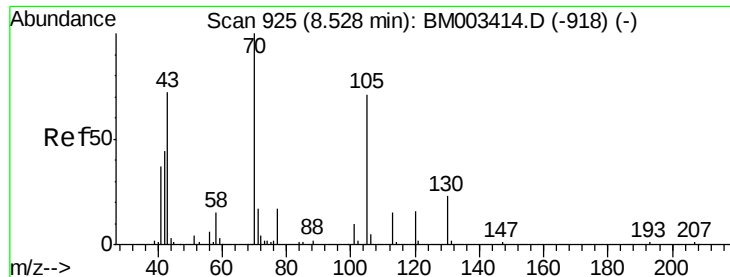


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

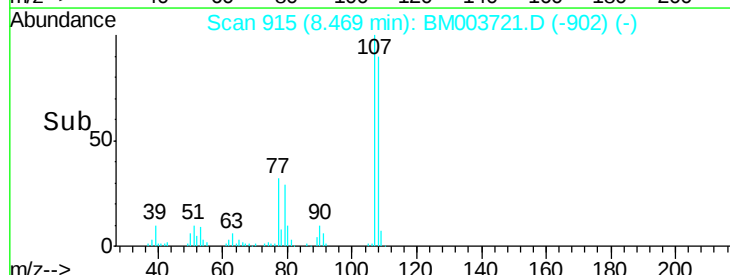
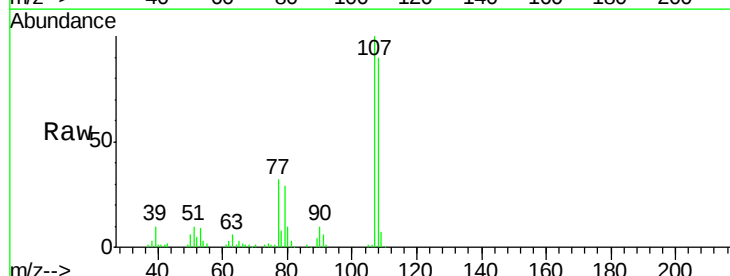
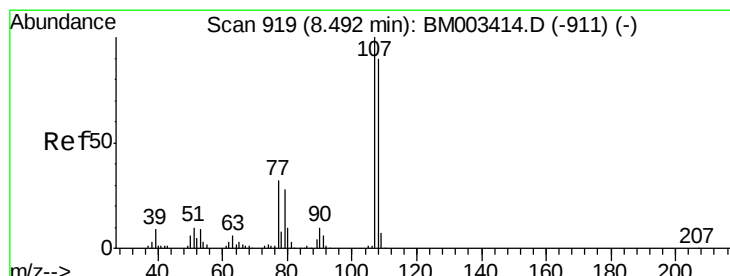
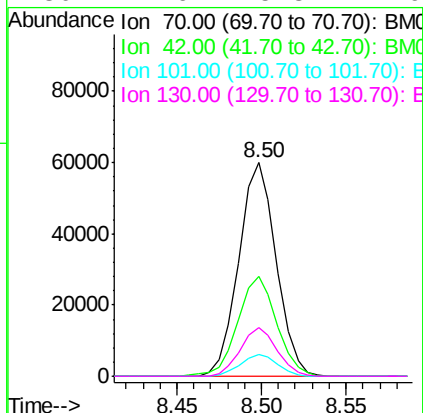




#19
n-Nitroso-di-n-propylamine
Concen: 48.53 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

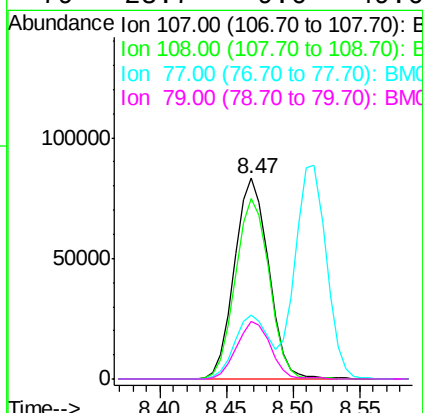
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

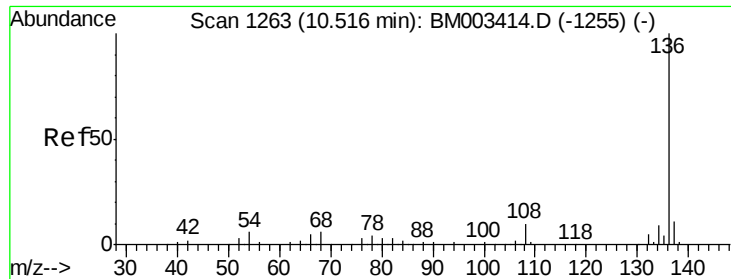
Tgt Ion:	70	Resp:	92396
Ion	Ratio	Lower	Upper
70	100		
42	46.9	44.5	66.7
101	10.0	7.4	11.2
130	22.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 49.62 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:	107	Resp:	147840
Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.2	113.2
77	32.2	10.7	50.7
79	28.7	9.6	49.6

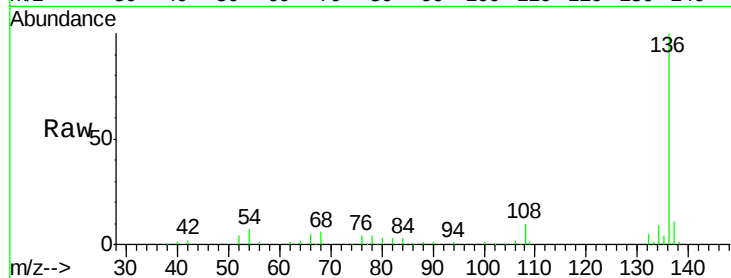




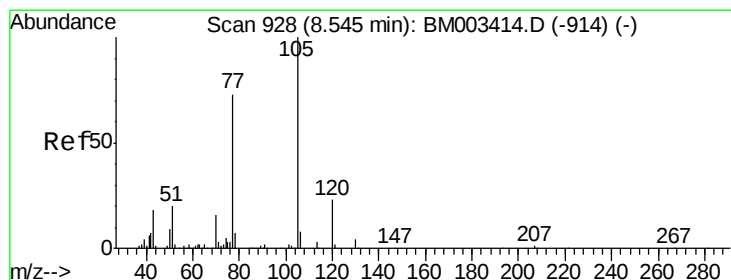
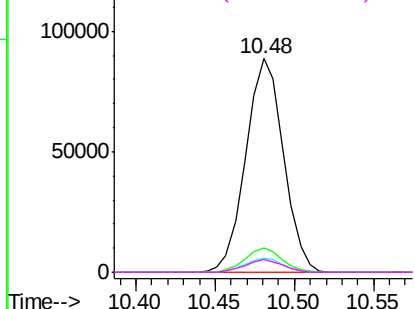
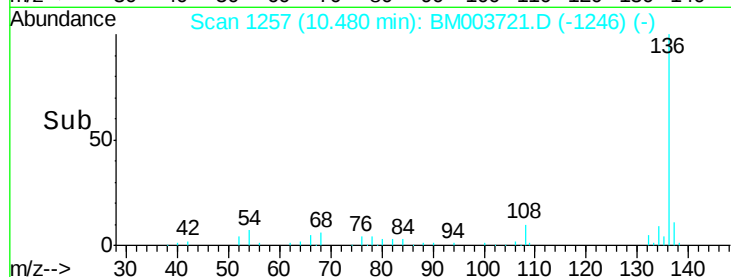
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion:	136	Resp:	146246
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	4.6	6.8
68	5.8	3.7	5.5#

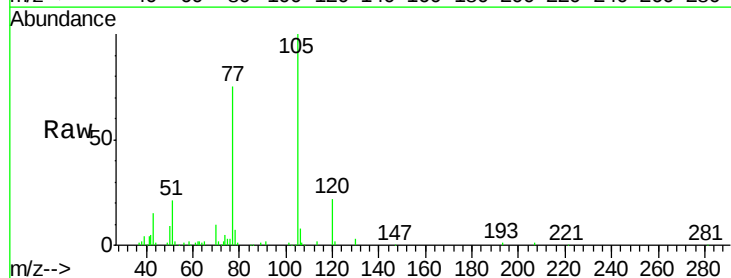


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

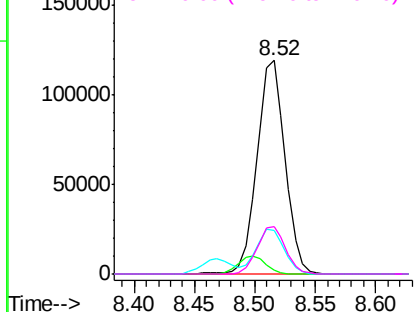
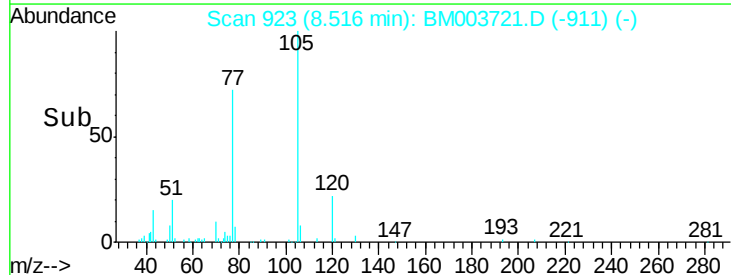


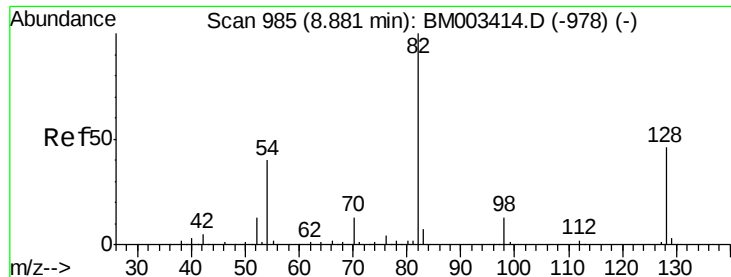
#22
Acetophenone
Concen: 53.42 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:	105	Resp:	191492
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.6	1.0#
51	20.6	21.6	32.4#
120	22.4	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

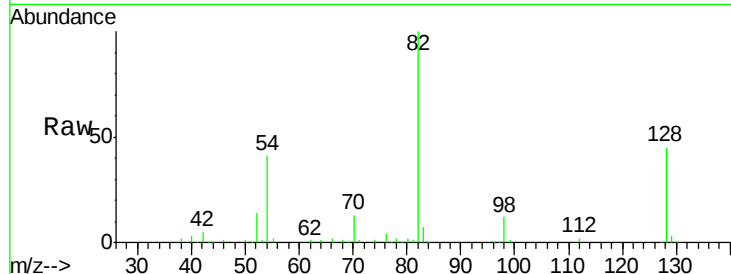




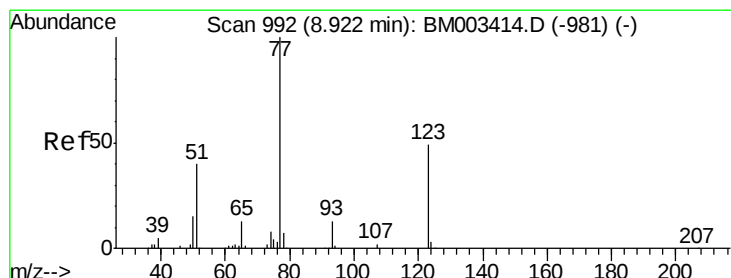
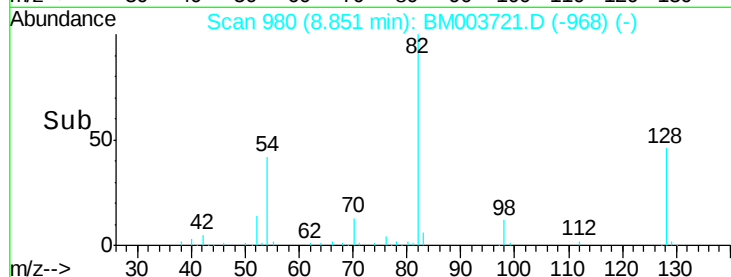
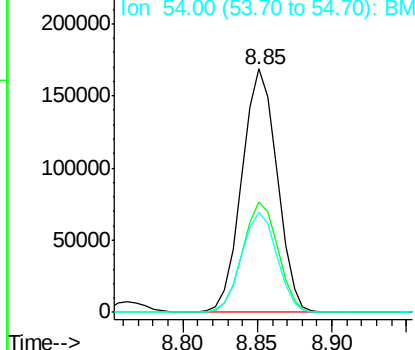
#23
 Nitrobenzene-d5
 Concen: 116.82 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Tgt Ion: 82 Resp: 275551
 Ion Ratio Lower Upper
 82 100
 128 45.5 32.8 49.2
 54 41.0 40.6 60.8

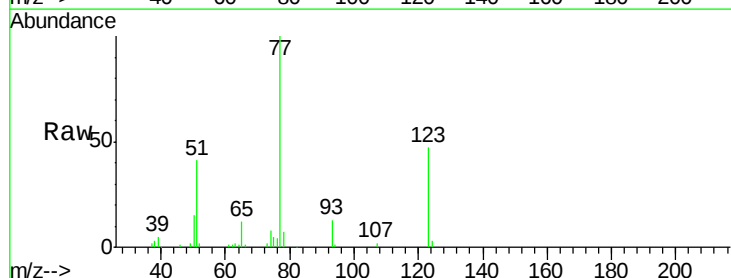


Abundance Ion 82.00 (81.70 to 82.70): BM003721.D (-968) (-)
 Ion 128.00 (127.70 to 128.70): BM003721.D (-968) (-)
 Ion 54.00 (53.70 to 54.70): BM003721.D (-968) (-)

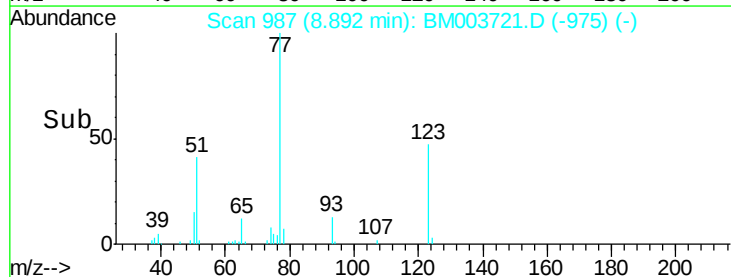
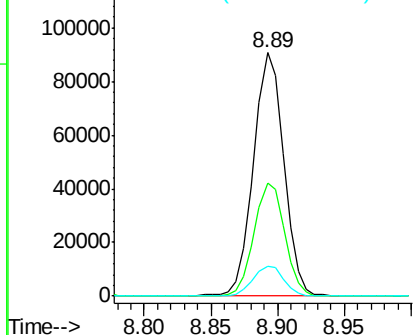


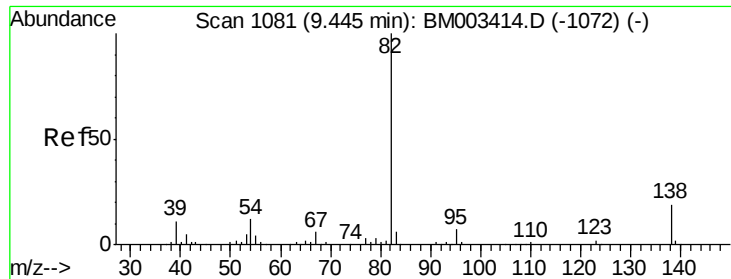
#24
 Nitrobenzene
 Concen: 55.82 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion: 77 Resp: 142356
 Ion Ratio Lower Upper
 77 100
 123 46.6 32.6 49.0
 65 12.5 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM003721.D (-975) (-)
 Ion 123.00 (122.70 to 123.70): BM003721.D (-975) (-)
 Ion 65.00 (64.70 to 65.70): BM003721.D (-975) (-)





#25

Isophorone

Concen: 52.38 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

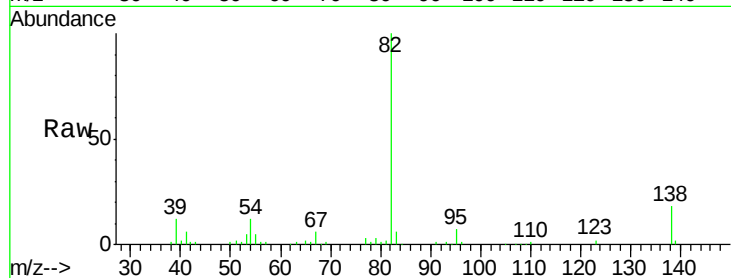
Tgt Ion: 82 Resp: 249920

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 18.1 16.3 24.5

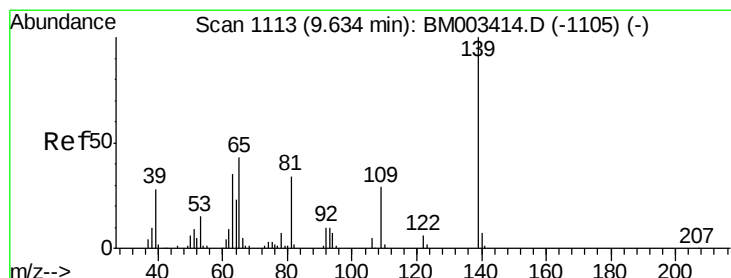
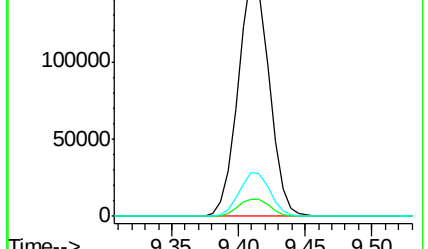
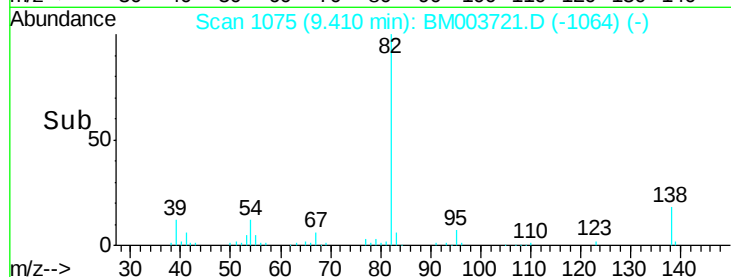


Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM003414.D (-1072) (-)

Time-->



#26

2-Nitrophenol

Concen: 54.03 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

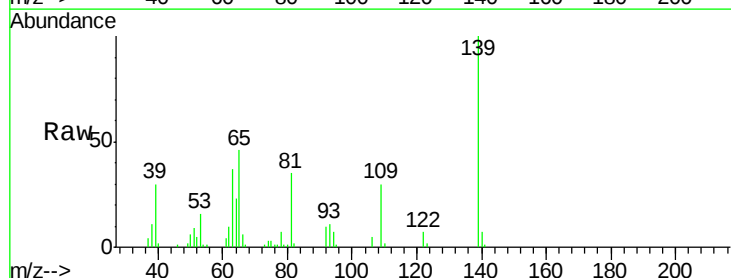
Tgt Ion: 139 Resp: 69689

Ion Ratio Lower Upper

139 100

109 29.6 20.1 30.1

65 45.9 31.5 47.3

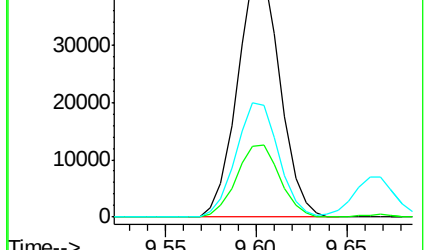
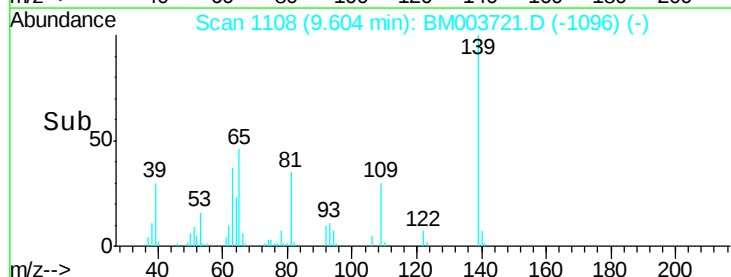


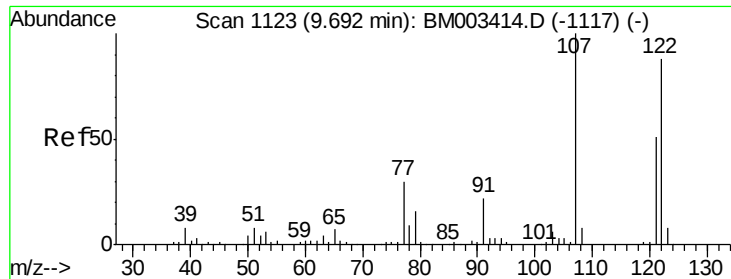
Abundance Ion 139.00 (138.70 to 139.70): BM003414.D (-1105) (-)

Ion 109.00 (108.70 to 109.70): BM003414.D (-1105) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-1105) (-)

Time-->

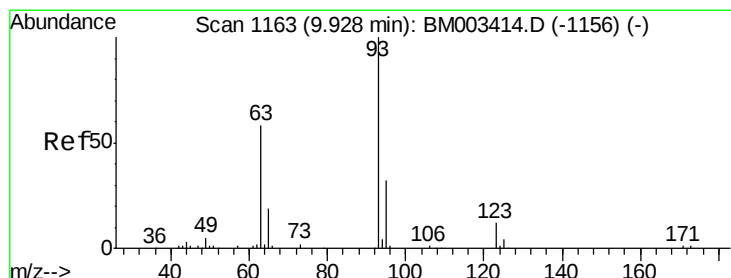
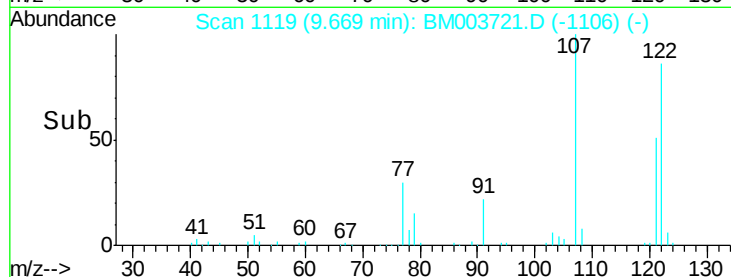
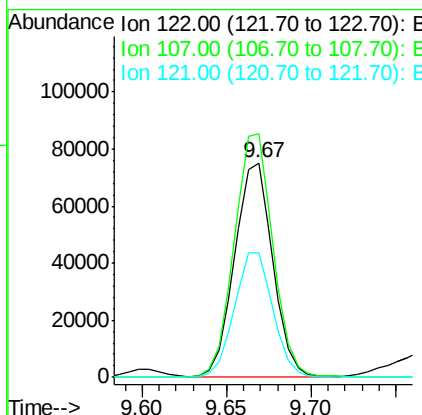
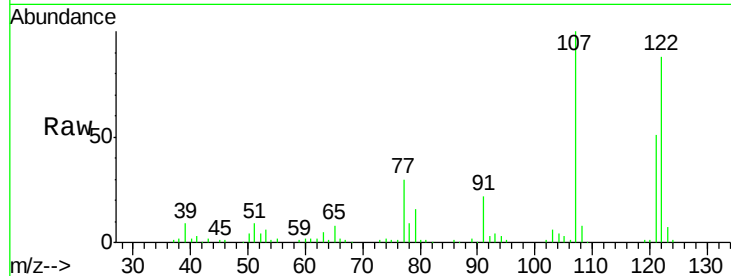




#27
 2,4-Dimethylphenol
 Concen: 52.85 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

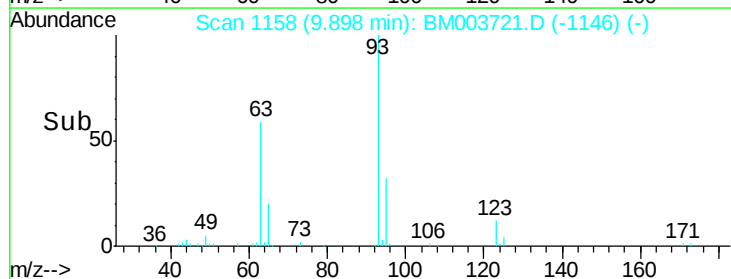
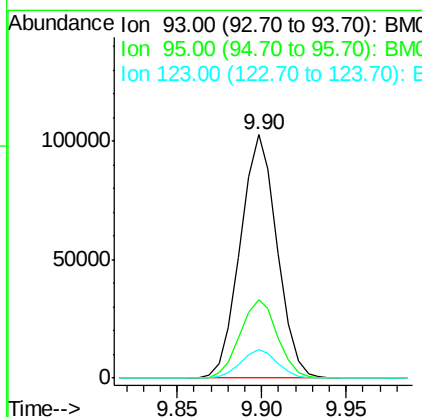
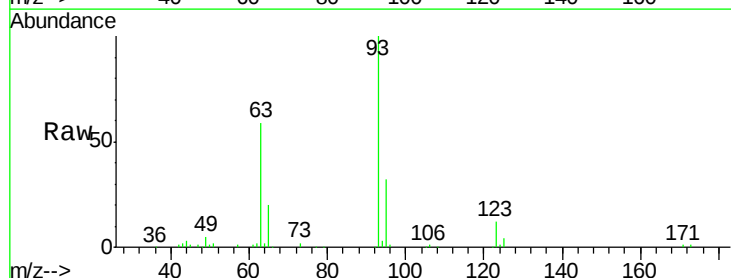
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

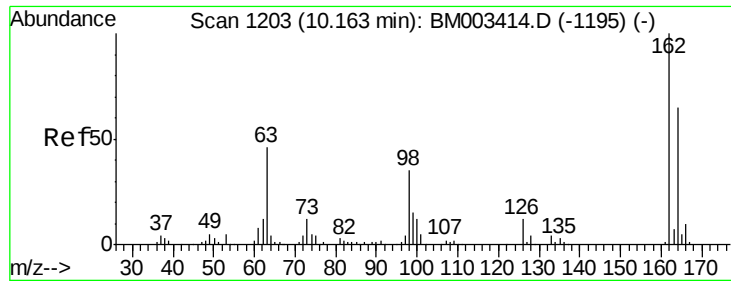
Tgt Ion: 122 Resp: 118695
 Ion Ratio Lower Upper
 122 100
 107 113.5 84.7 127.1
 121 58.1 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.27 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion: 93 Resp: 155578
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.5 38.3
 123 11.6 8.6 13.0

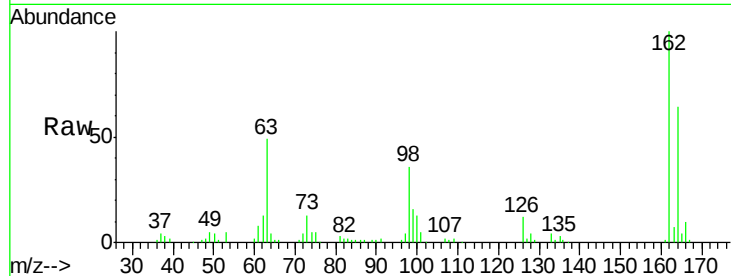




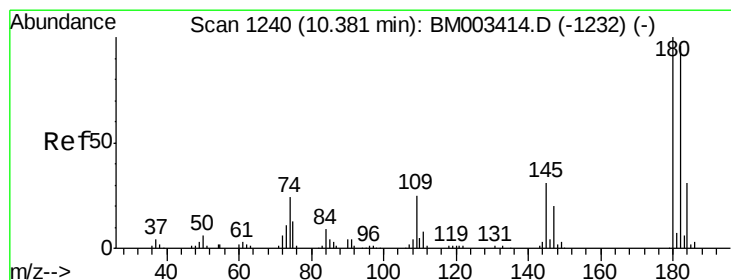
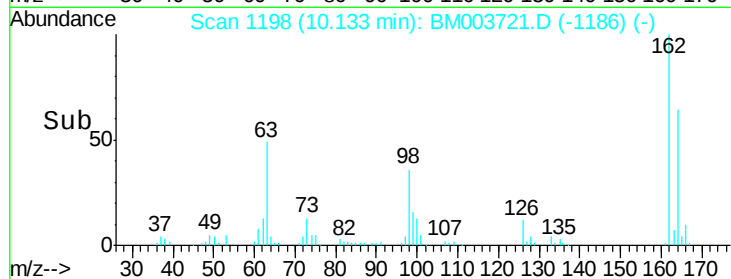
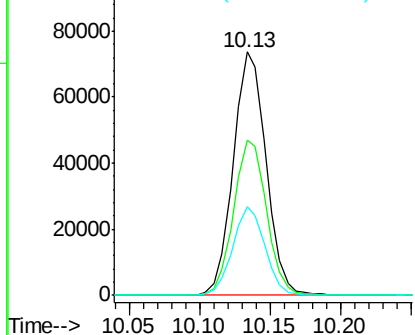
#29
 2,4-Dichlorophenol
 Concen: 55.84 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.8	82.8
98	36.4	14.5	54.5

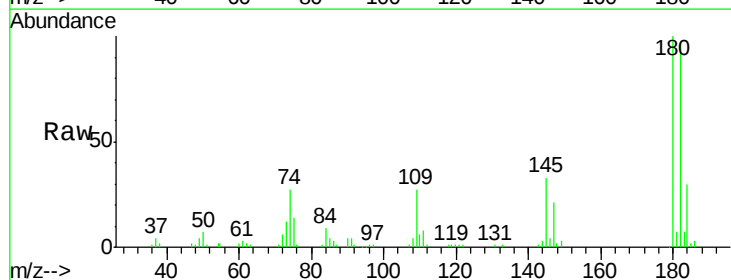


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

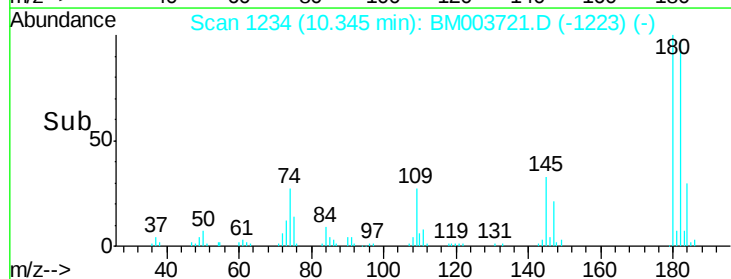
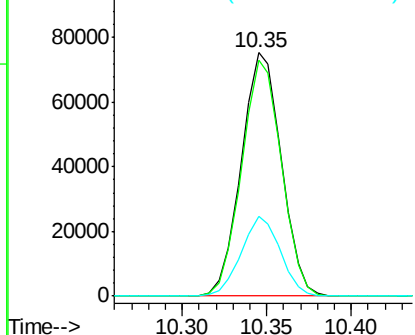


#30
 1,2,4-Trichlorobenzene
 Concen: 51.94 ng
 RT: 10.35 min Scan# 1234
 Delta R.T. -0.04 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.6	116.4
145	32.8	23.4	35.2



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: 53.12 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

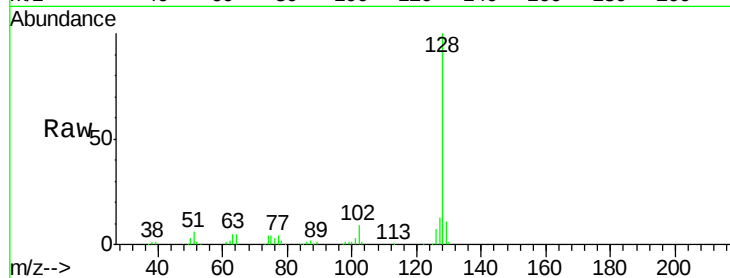
Tgt Ion:128 Resp: 406484

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

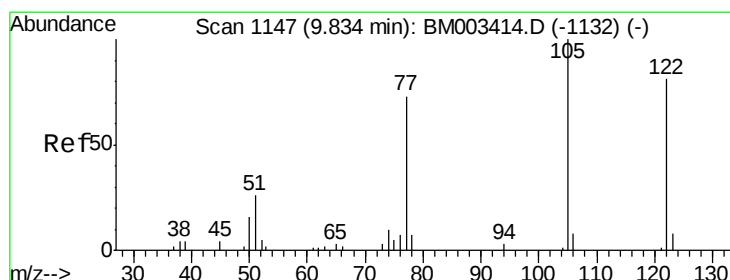
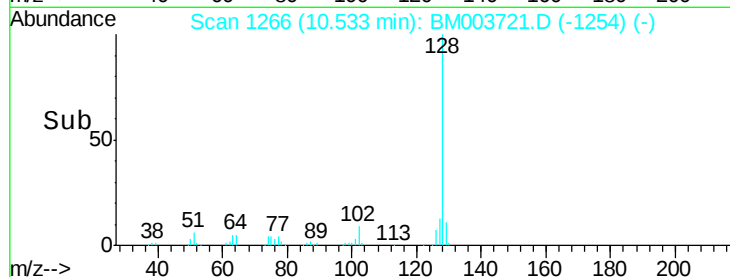
10.53

200000

100000

0

Time-->



#32

Benzoic acid

Concen: 26.63 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

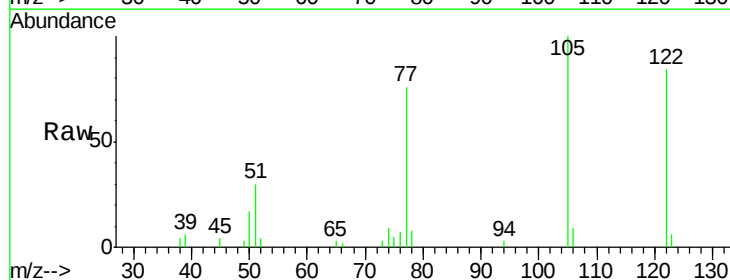
Tgt Ion:122 Resp: 31628

Ion Ratio Lower Upper

122 100

105 119.7 99.9 139.9

77 90.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

100000

80000

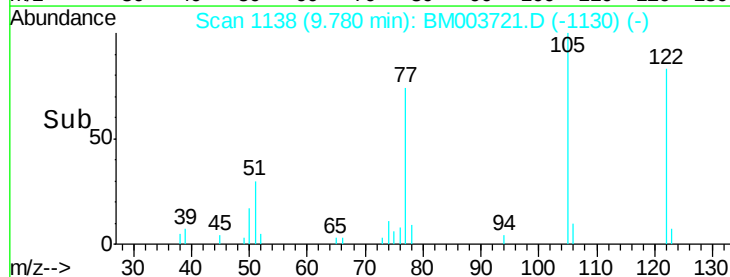
60000

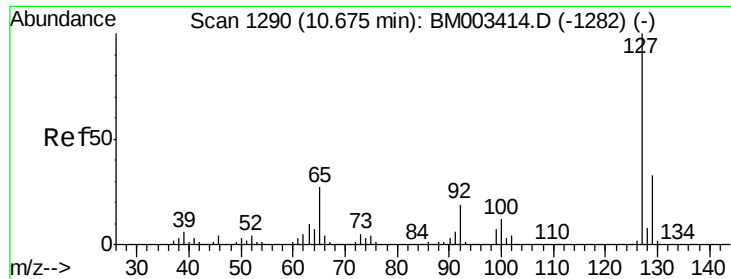
40000

20000

0

Time-->

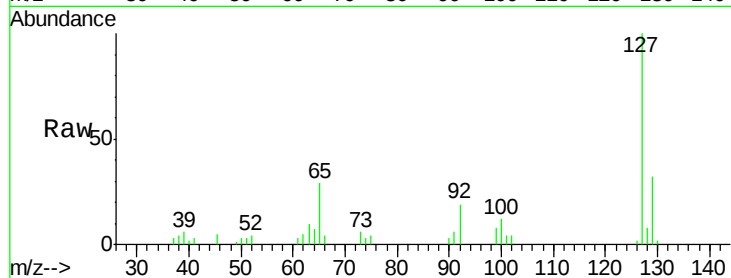




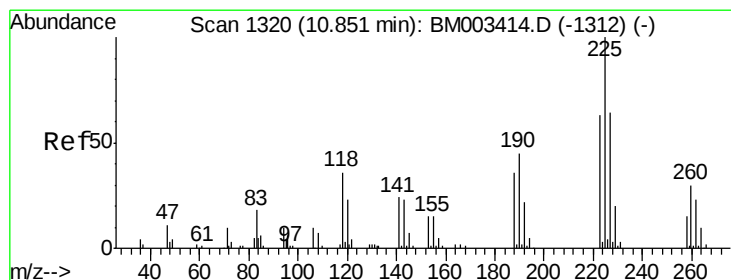
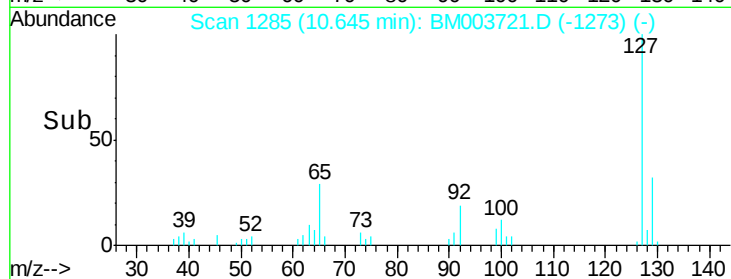
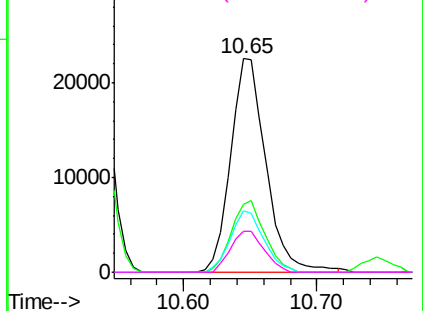
#33
4-Chloroaniline
Concen: 13.13 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion:	127	Resp:	41471
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	29.0	17.6	26.4
92	19.3	13.1	19.7

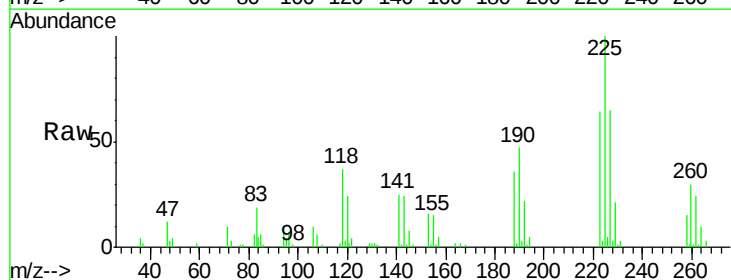


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

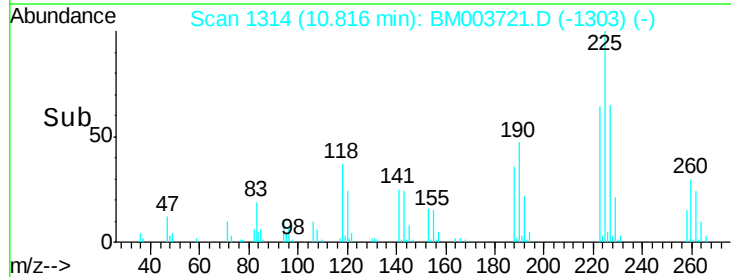
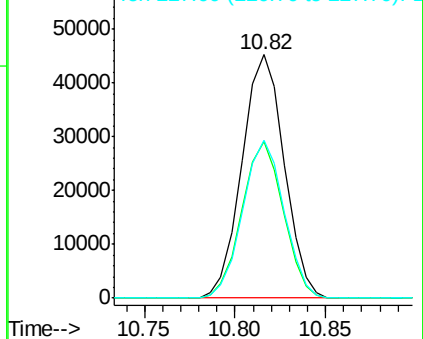


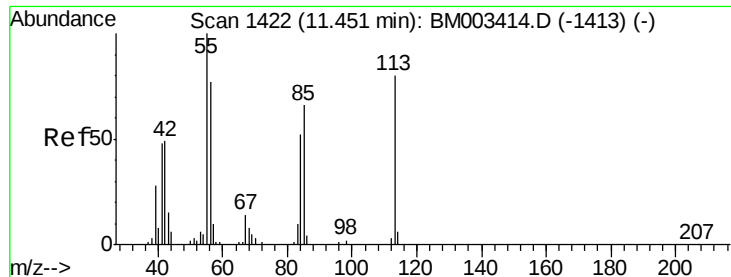
#34
Hexachlorobutadiene
Concen: 51.78 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:	225	Resp:	73344
Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.9	71.9
227	64.8	50.1	75.1



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





#35

Caprolactam

Concen: 48.96 ng

RT: 11.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

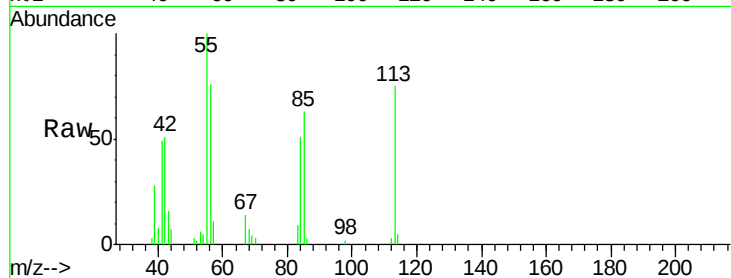
Tgt Ion:113 Resp: 34627

Ion Ratio Lower Upper

113 100

55 133.8 145.9 185.9#

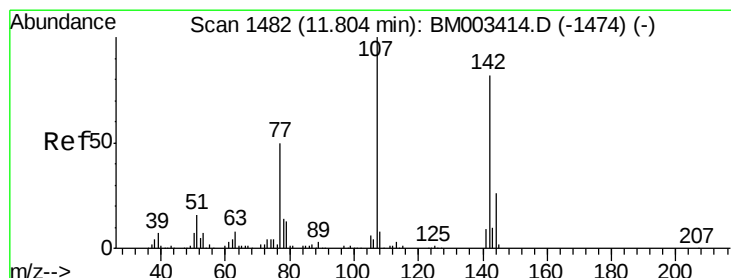
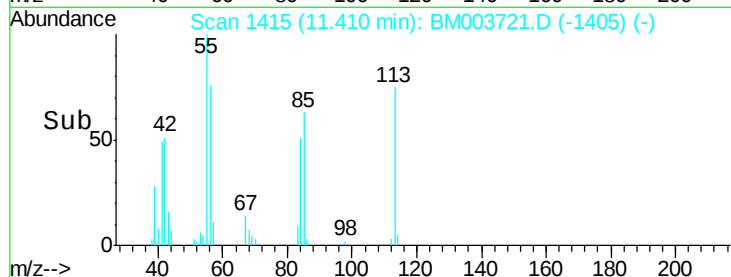
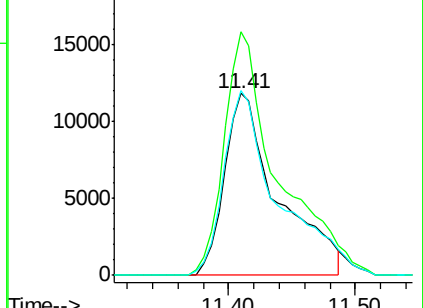
56 101.8 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 51.84 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

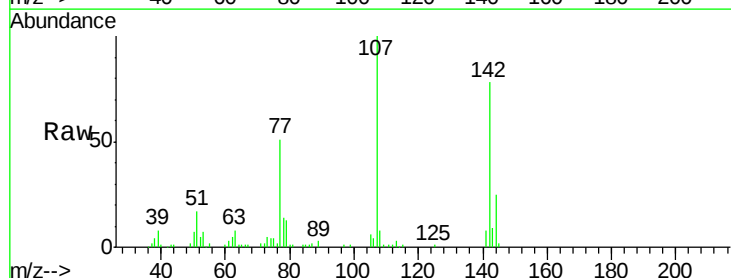
Tgt Ion:107 Resp: 125056

Ion Ratio Lower Upper

107 100

144 24.9 23.3 34.9

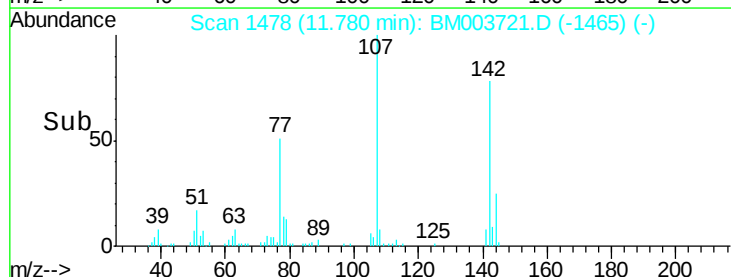
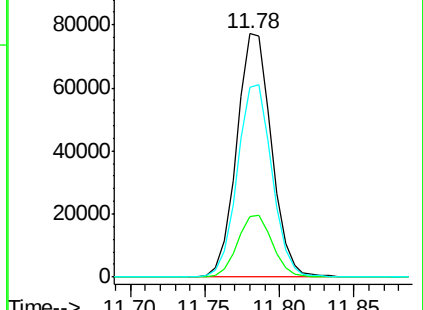
142 78.2 72.6 109.0

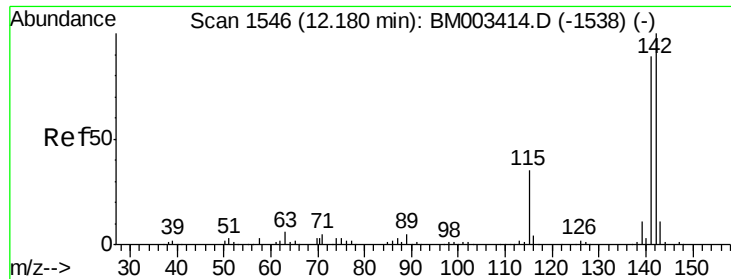


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

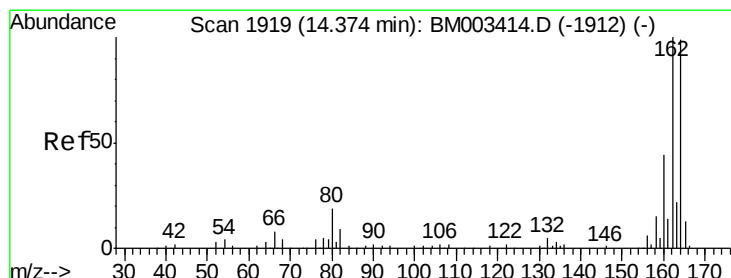
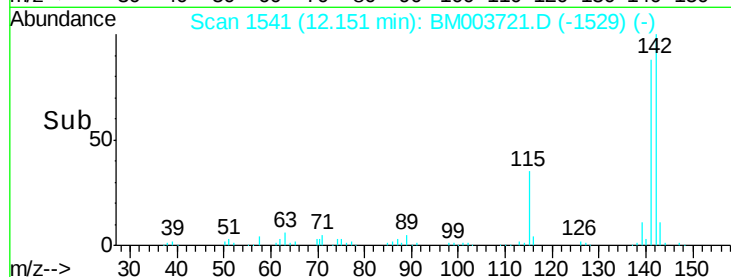
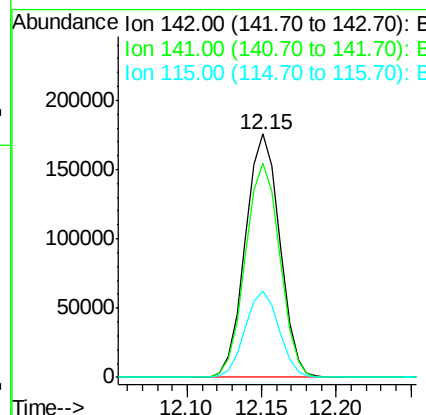
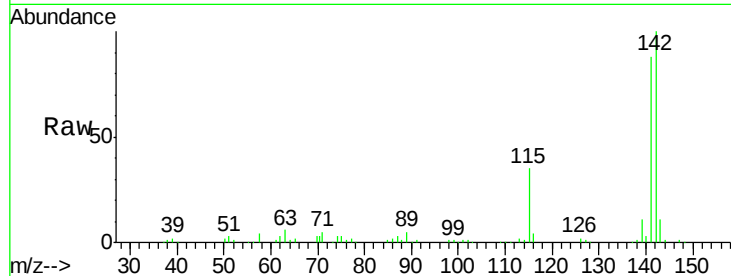




#37
2-Methylnaphthalene
Concen: 53.35 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

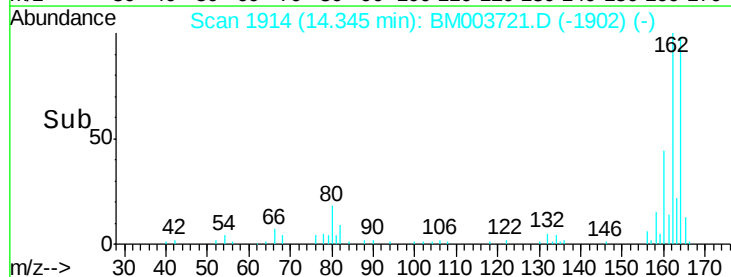
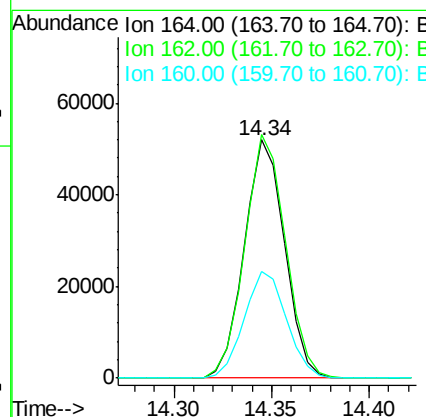
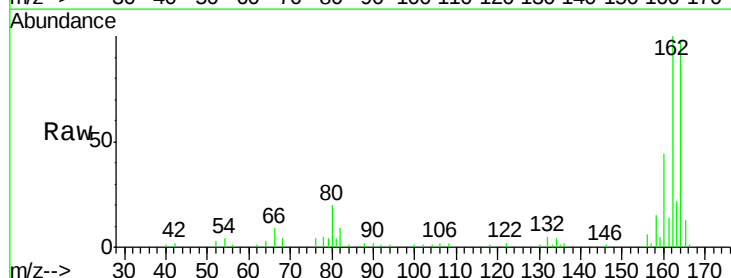
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

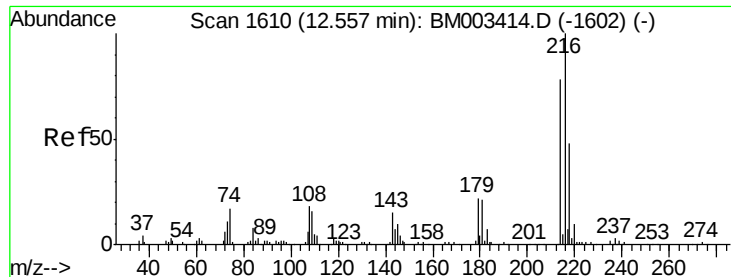
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.9	107.9
115	35.3	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	44.6	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.08 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

Tgt Ion:216 Resp: 129047

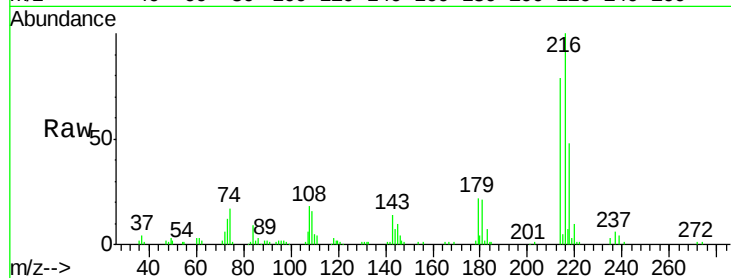
Ion Ratio Lower Upper

216 100

214 78.3 0.0 0.0#

179 21.8 0.0 0.0#

108 22.1 0.0 0.0#

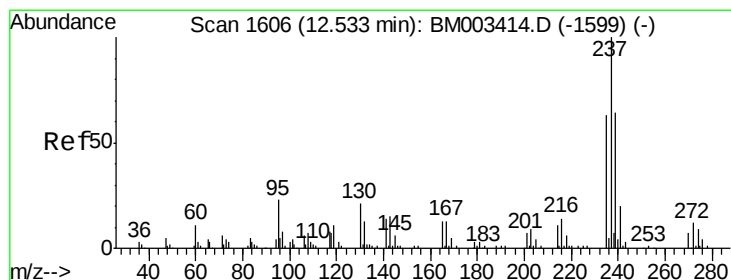
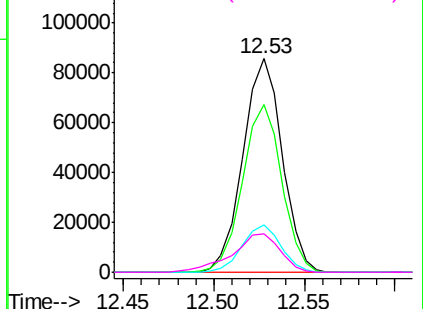
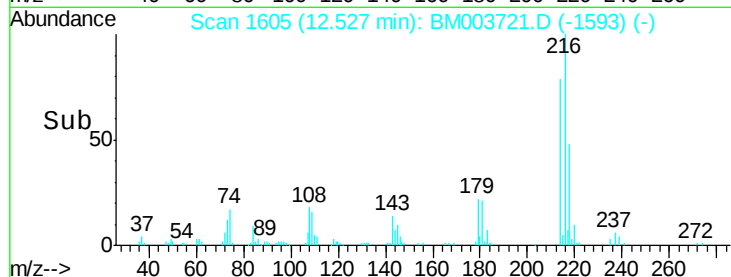


Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.95 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

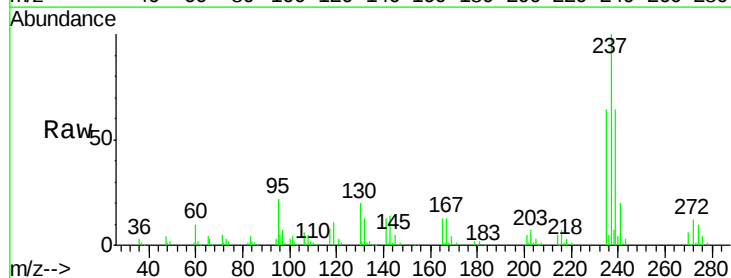
Tgt Ion:237 Resp: 143693

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

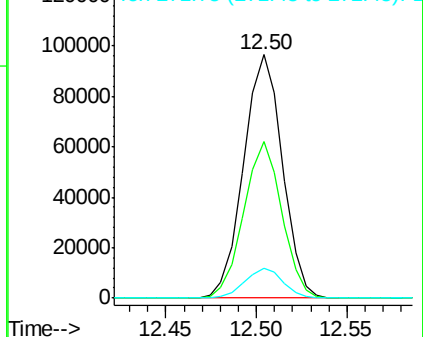
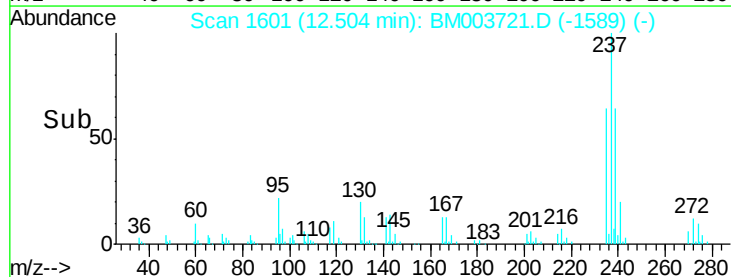
272 12.4 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

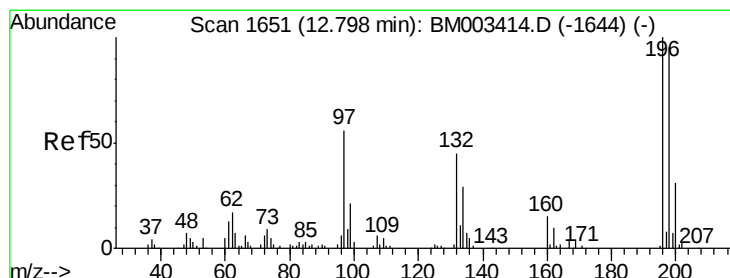
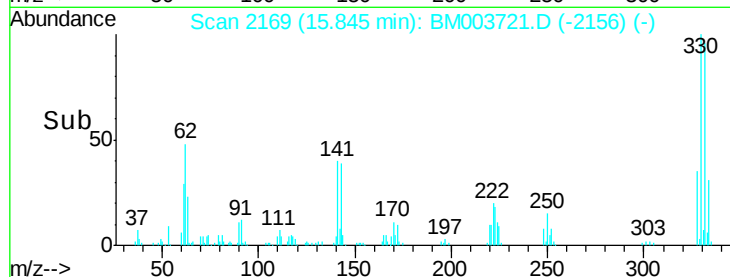
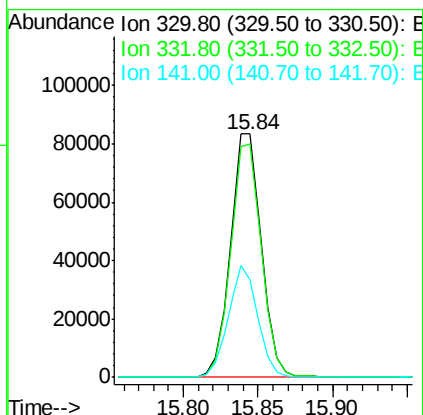
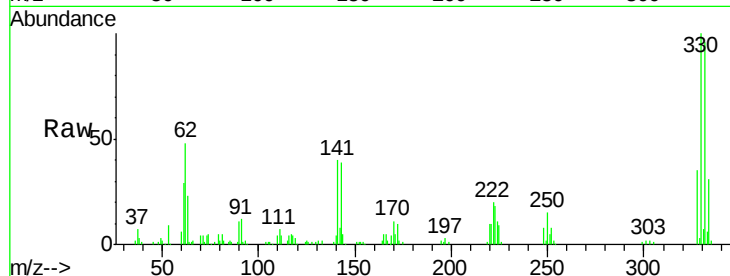




#41
 2,4,6-Tribromophenol
 Concen: 162.52 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

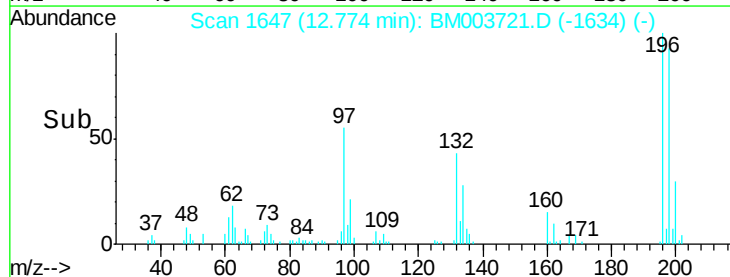
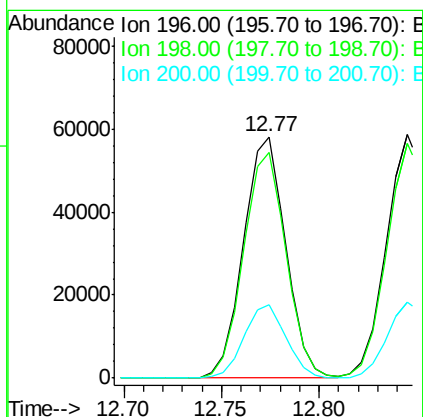
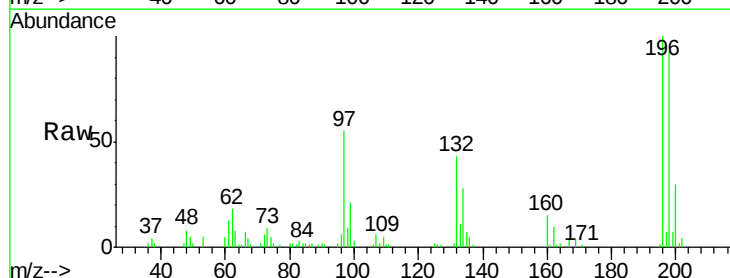
Instrument :
 BNA_M
 ClientSampled :
 SB-2MSD

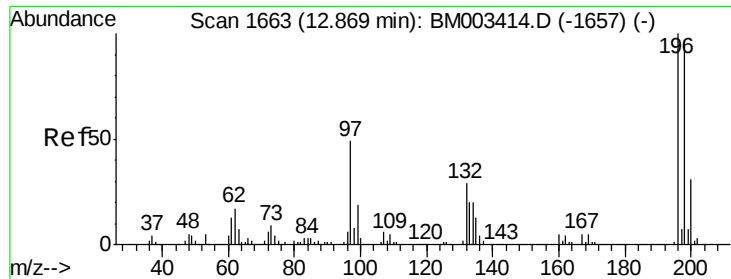
Tgt Ion:330 Resp: 120481
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 43.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 55.97 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:196 Resp: 87116
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.3 114.5
 200 30.5 25.6 38.4

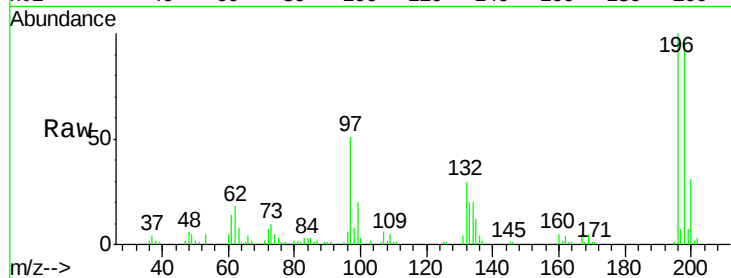




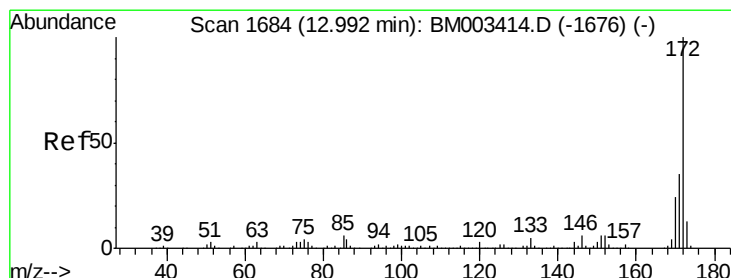
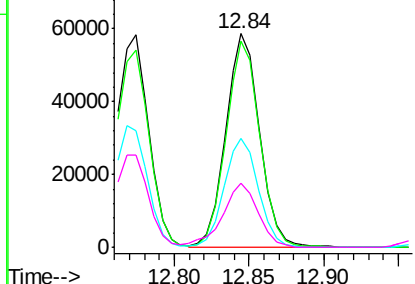
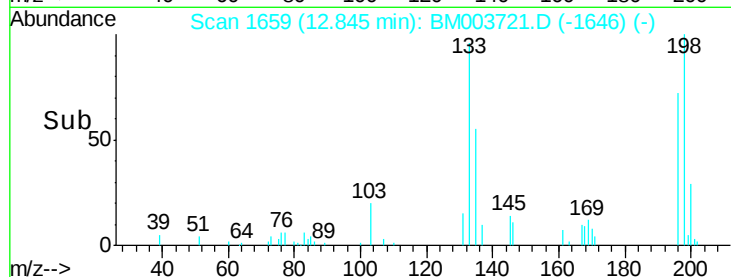
#43
 2,4,5-Trichlorophenol
 Concen: 56.99 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Tgt Ion:196 Resp: 93220
 Ion Ratio Lower Upper
 196 100
 198 96.4 79.4 119.0
 97 51.0 26.8 40.2#
 132 30.0 18.6 28.0#

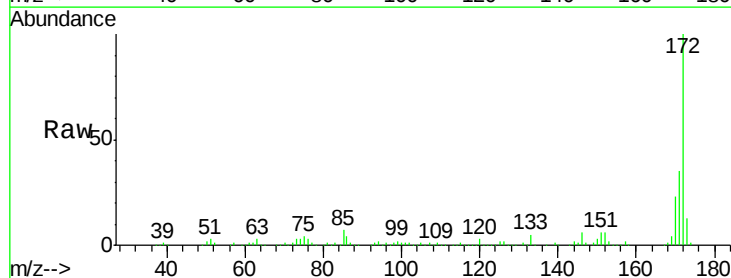


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

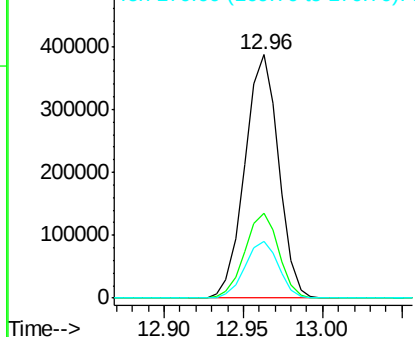
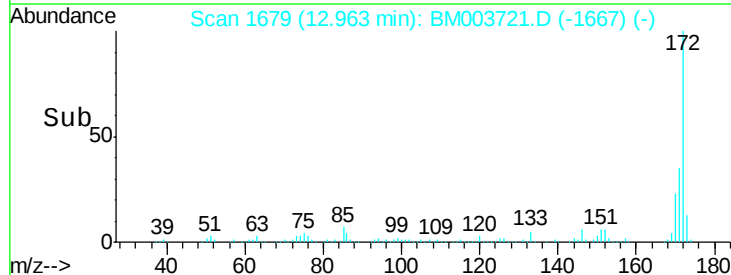


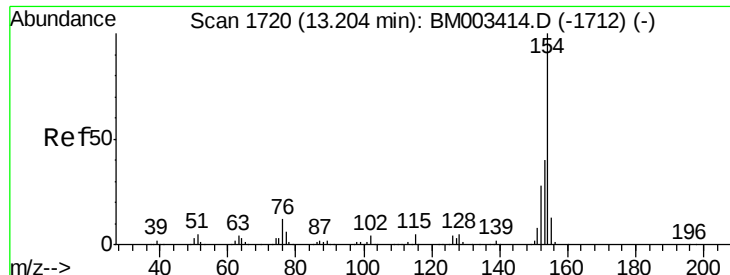
#44
 2-Fluorobiphenyl
 Concen: 104.96 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:172 Resp: 571817
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.4 18.8 28.2



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

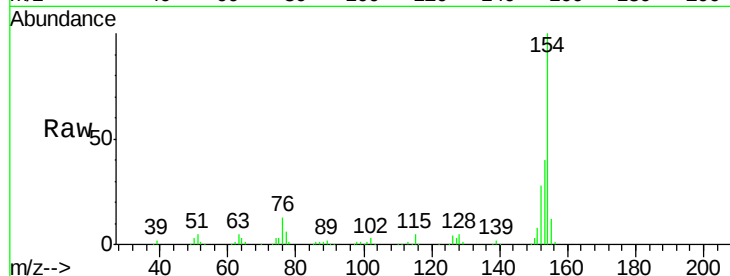




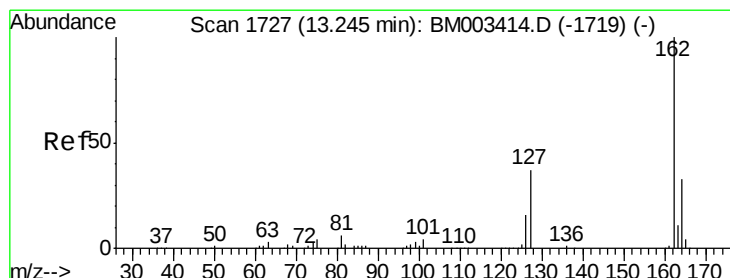
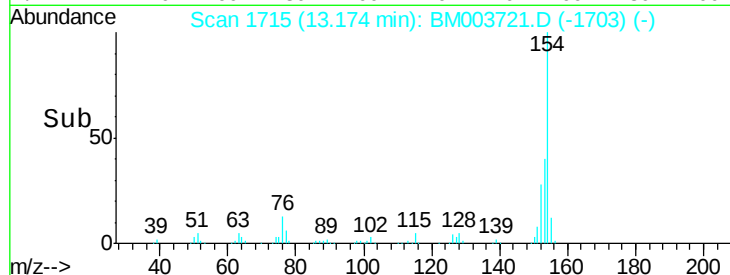
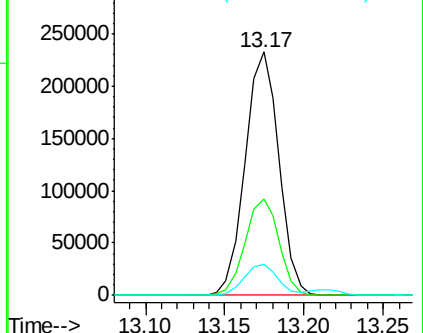
#45
1,1'-Biphenyl
Concen: 52.17 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion:154 Resp: 343430
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 12.6 0.0 30.9

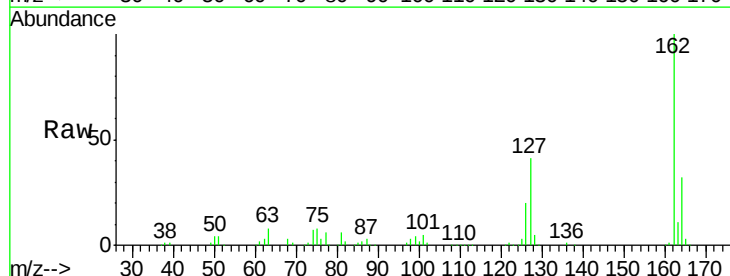


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BMC

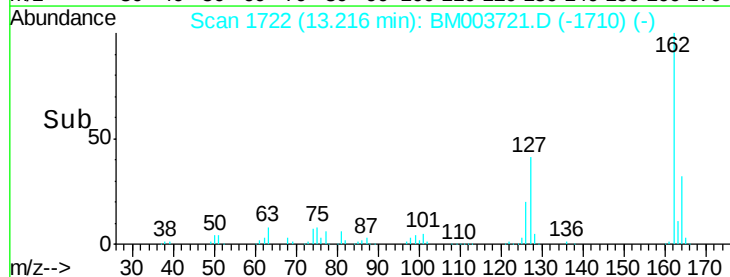
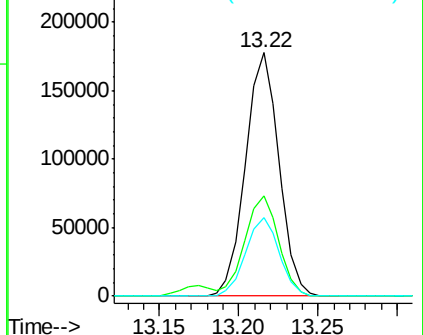


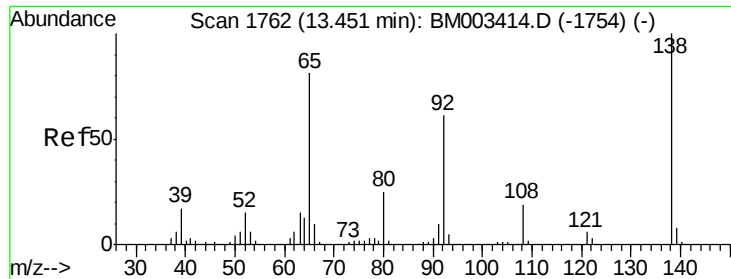
#46
2-Chloronaphthalene
Concen: 53.89 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:162 Resp: 260545
Ion Ratio Lower Upper
162 100
127 41.1 26.9 40.3#
164 32.5 26.8 40.2



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

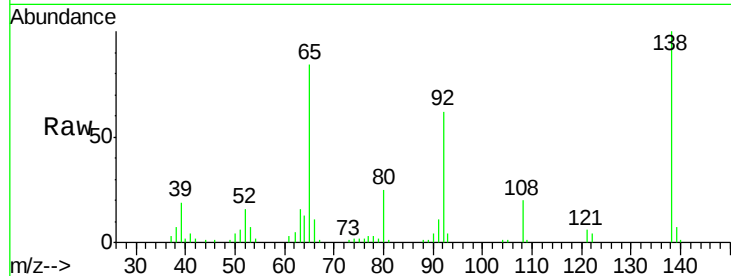




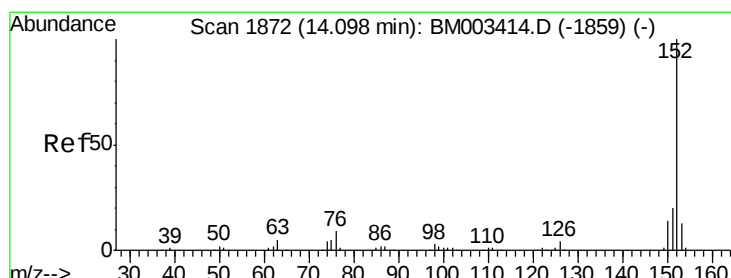
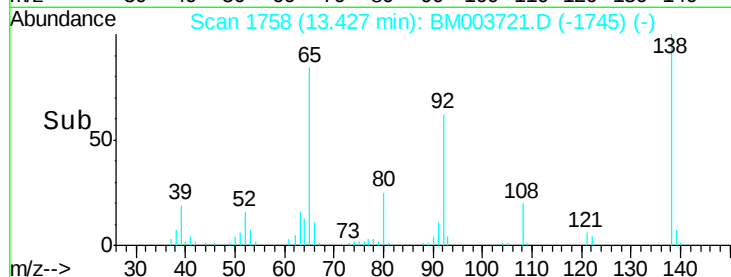
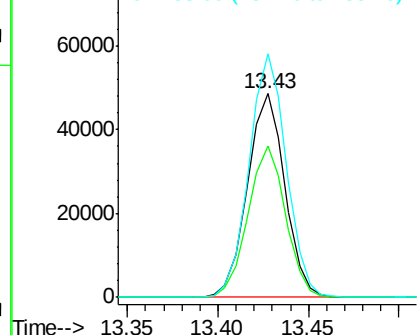
#47
2-Nitroaniline
Concen: 58.07 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion: 65 Resp: 69637
Ion Ratio Lower Upper
65 100
92 74.2 59.1 88.7
138 119.4 93.9 140.9

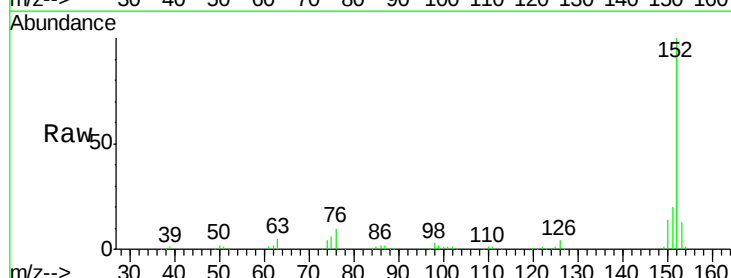


Abundance Ion 65.00 (64.70 to 65.70): BM003721.D (-1754) (-)
Ion 92.00 (91.70 to 92.70): BM003721.D (-1754) (-)
Ion 138.00 (137.70 to 138.70): BM003721.D (-1754) (-)

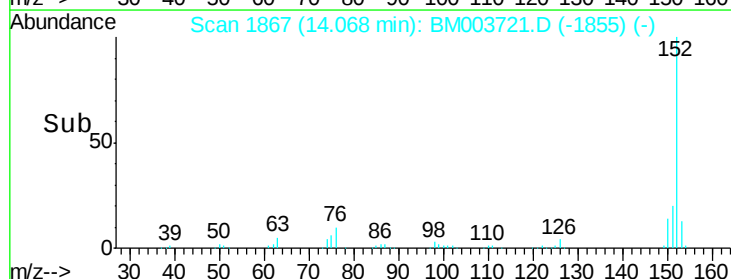
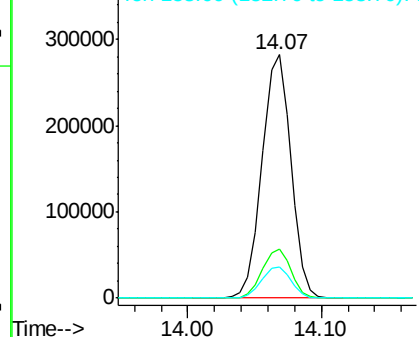


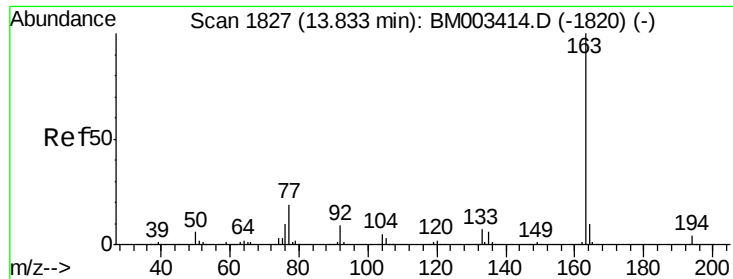
#48
Acenaphthylene
Concen: 52.37 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion: 152 Resp: 422173
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM003721.D (-1855) (-)
Ion 151.00 (150.70 to 151.70): BM003721.D (-1855) (-)
Ion 153.00 (152.70 to 153.70): BM003721.D (-1855) (-)





#49

Dimethylphthalate

Concen: 73.90 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

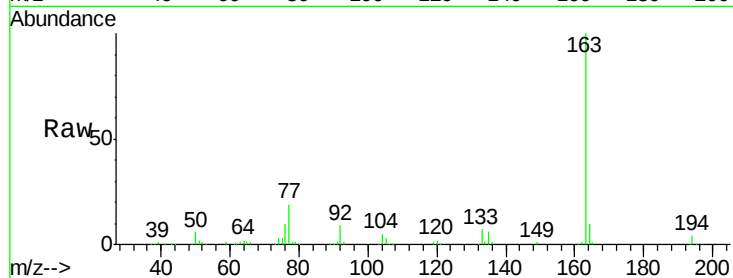
Tgt Ion:163 Resp: 452052

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

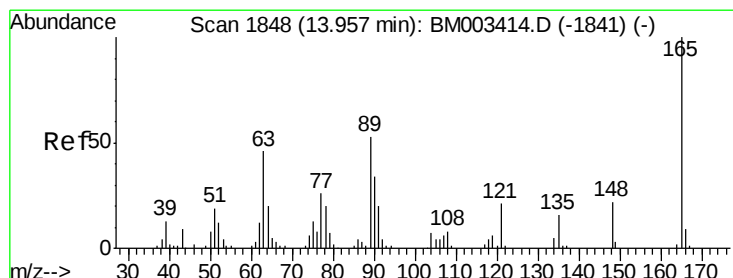
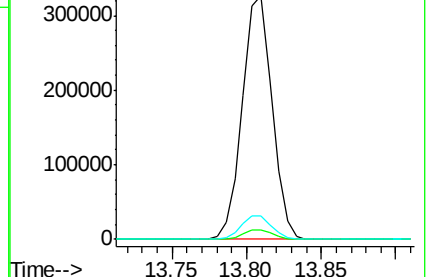
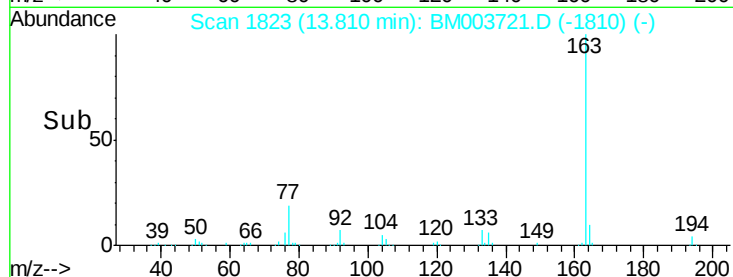
164 9.8 8.2 12.2



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: 53.76 ng

RT: 13.93 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

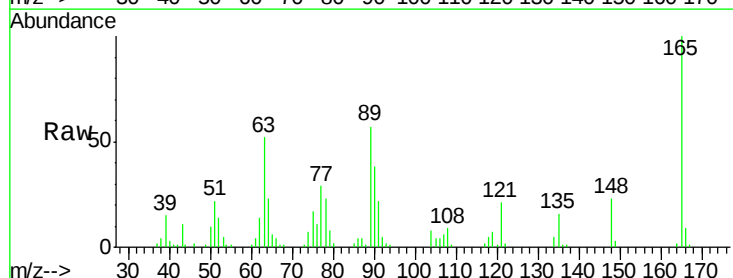
Tgt Ion:165 Resp: 68613

Ion Ratio Lower Upper

165 100

63 52.1 44.1 66.1

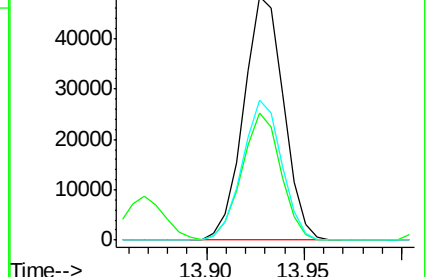
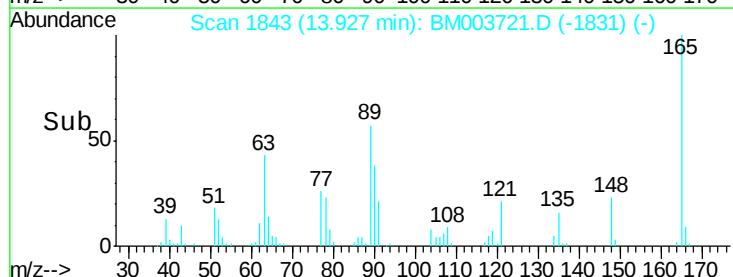
89 57.3 44.3 66.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 52.51 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

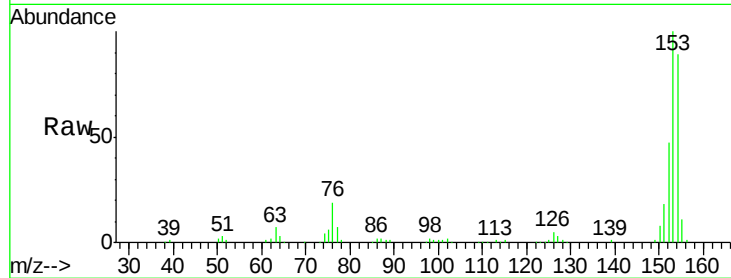
Tgt Ion:154 Resp: 245284

Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

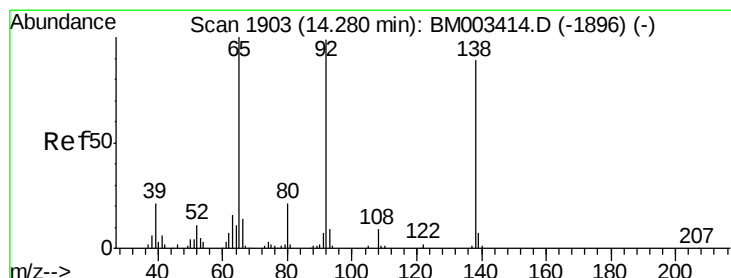
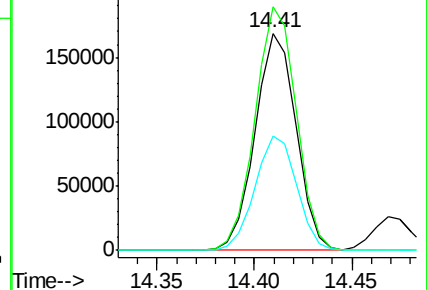
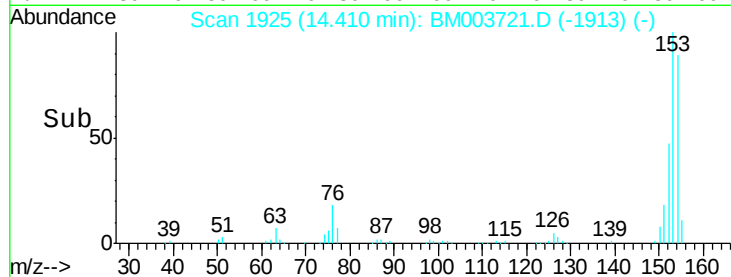
152 52.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.89 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

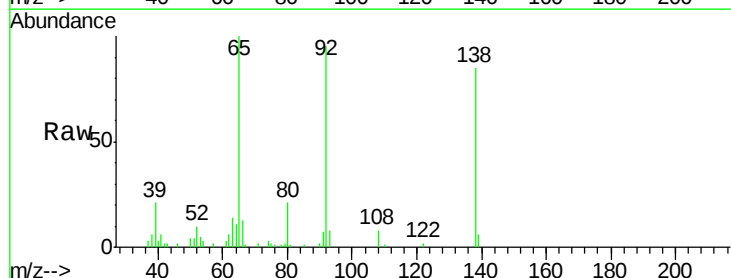
Tgt Ion:138 Resp: 35119

Ion Ratio Lower Upper

138 100

108 9.9 7.3 10.9

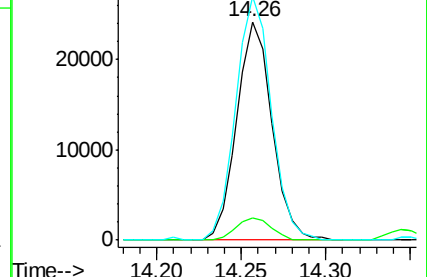
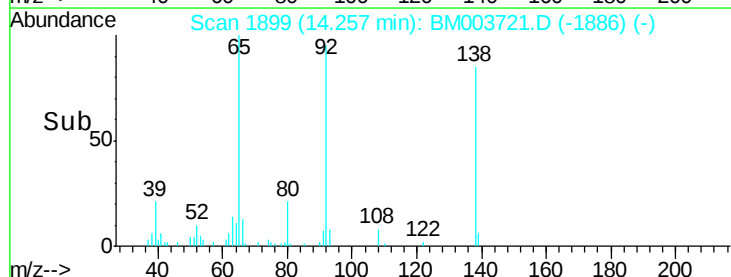
92 111.4 76.6 114.8



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): BM

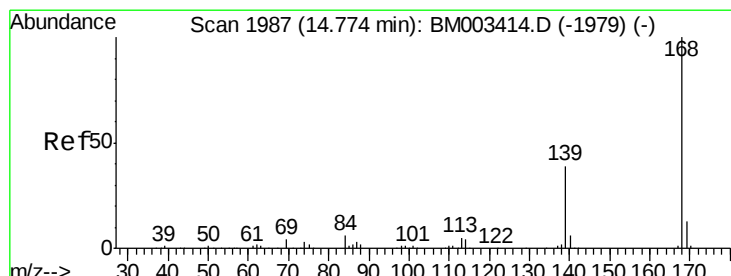
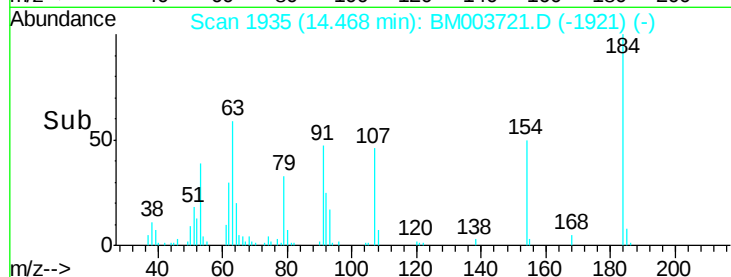
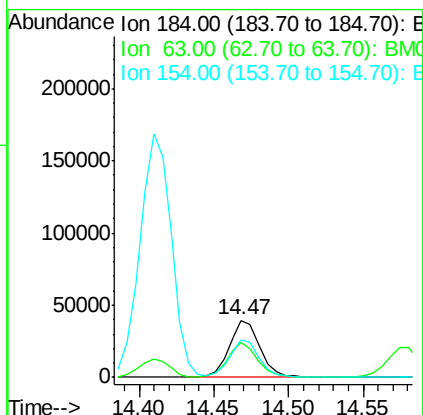
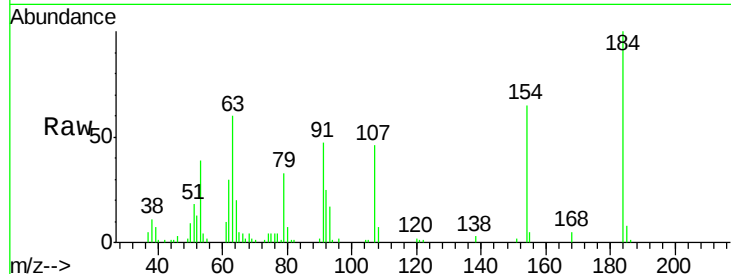




#53
2,4-Dinitrophenol
Concen: 78.86 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

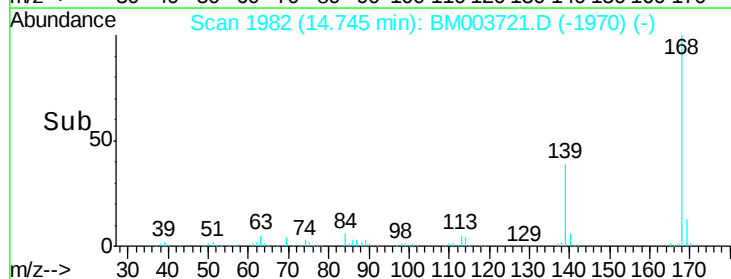
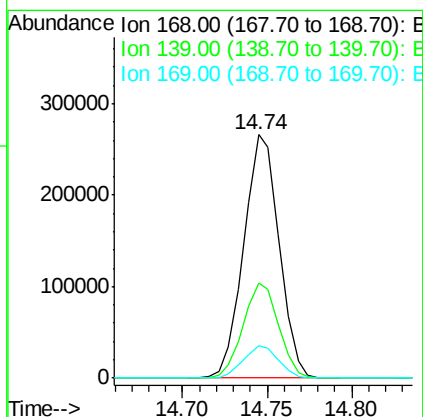
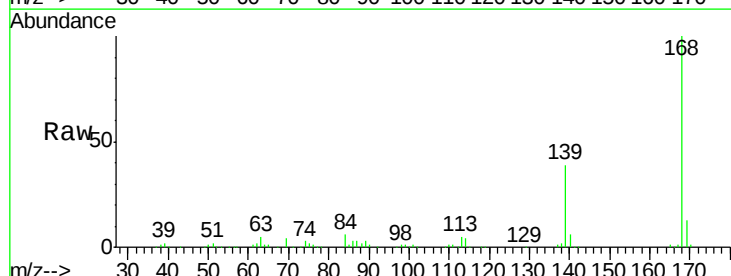
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion:184 Resp: 56794
Ion Ratio Lower Upper
184 100
63 60.4 69.2 103.8#
154 65.2 53.3 79.9



#54
Dibenzofuran
Concen: 57.39 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:168 Resp: 387158
Ion Ratio Lower Upper
168 100
139 39.1 27.3 40.9
169 13.2 10.6 16.0

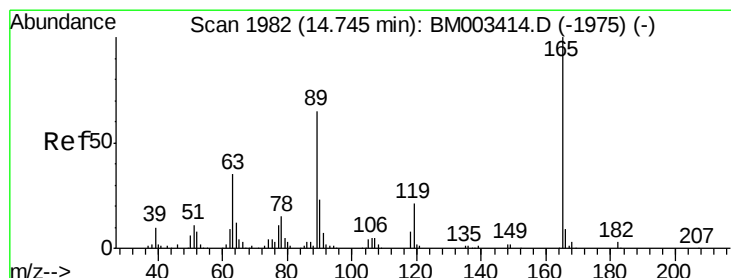
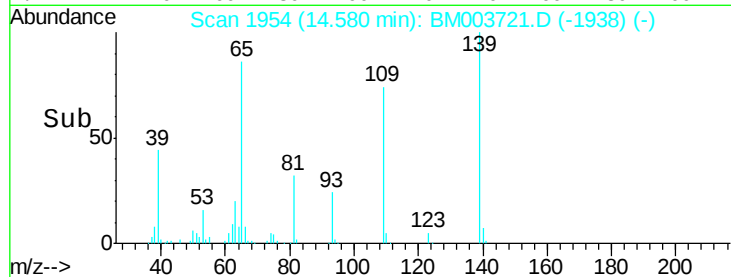
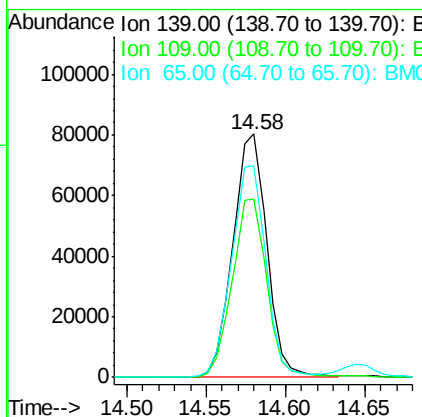
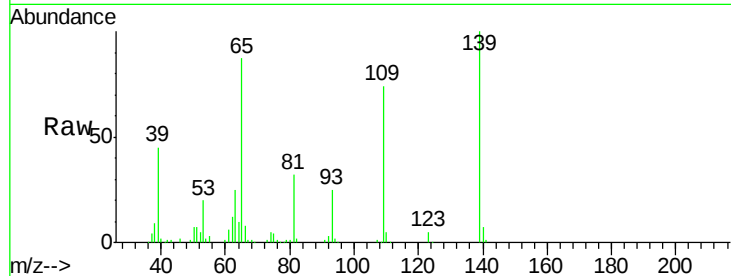




#55
4-Nitrophenol
Concen: 111.32 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

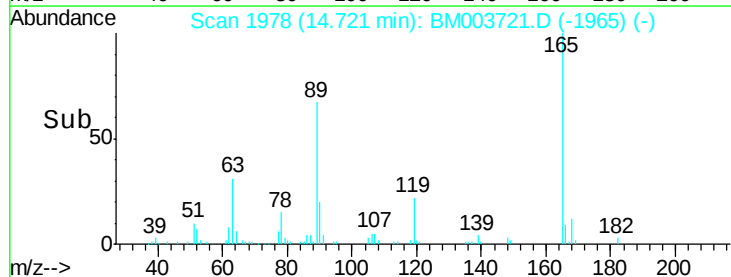
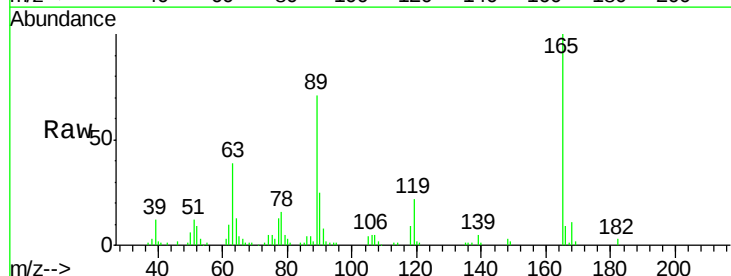
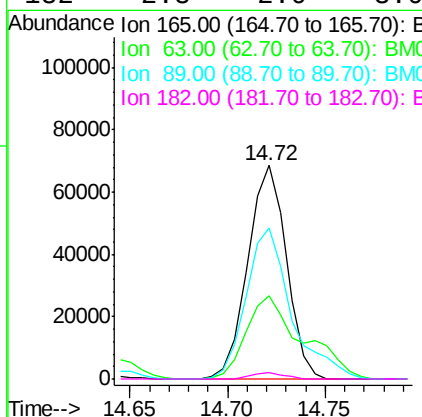
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

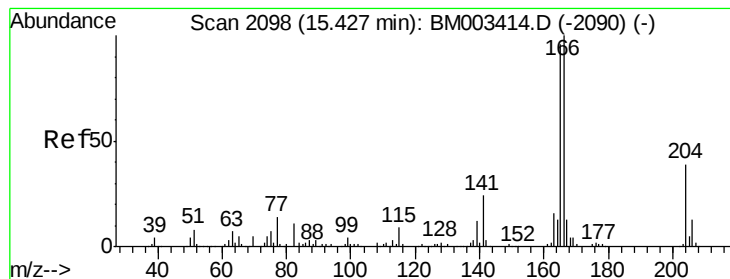
Tgt Ion:139 Resp: 120063
Ion Ratio Lower Upper
139 100
109 73.5 37.7 77.7
65 86.7 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 56.69 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:165 Resp: 93867
Ion Ratio Lower Upper
165 100
63 39.1 52.4 78.6#
89 70.5 72.4 108.6#
182 2.8 2.0 3.0





#57

Fluorene

Concen: 54.45 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

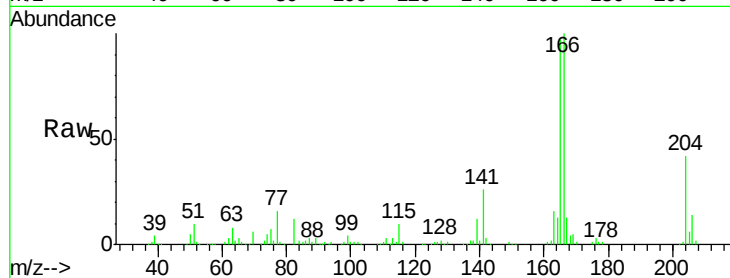
Tgt Ion:166 Resp: 304537

Ion Ratio Lower Upper

166 100

165 97.0 79.0 118.4

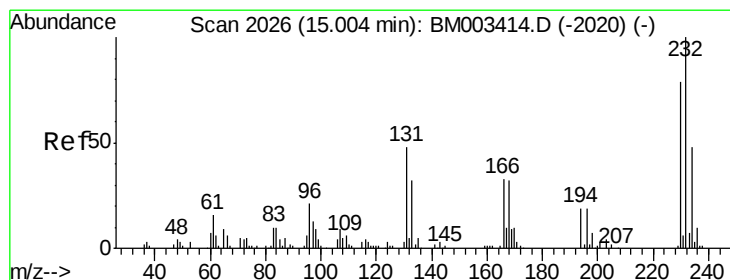
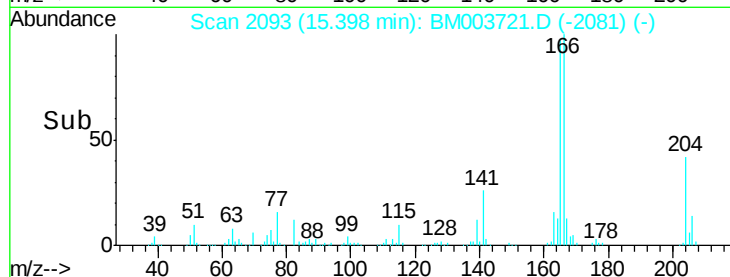
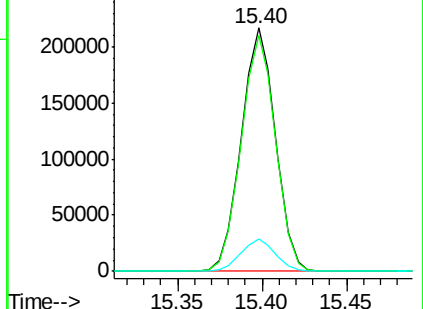
167 13.1 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.14 ng

RT: 14.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Tgt Ion:232 Resp: 74368

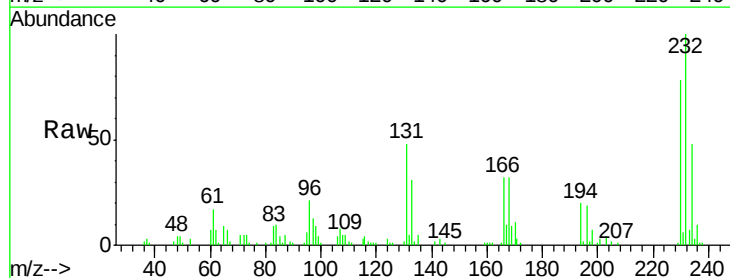
Ion Ratio Lower Upper

232 100

131 50.3 0.0 0.0#

130 2.3 0.0 0.0#

166 33.4 0.0 0.0#

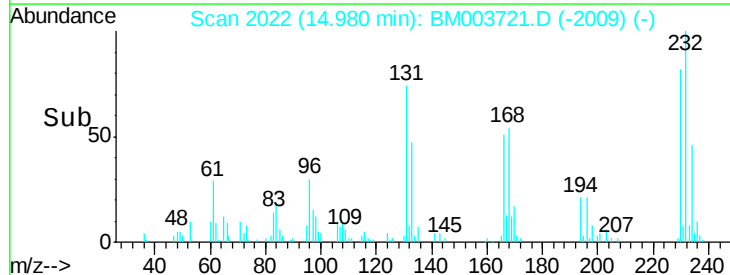
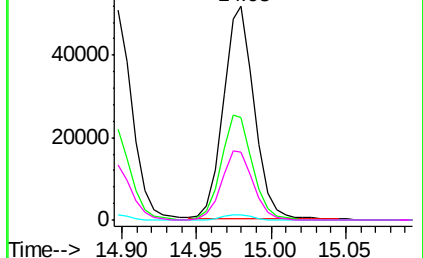


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

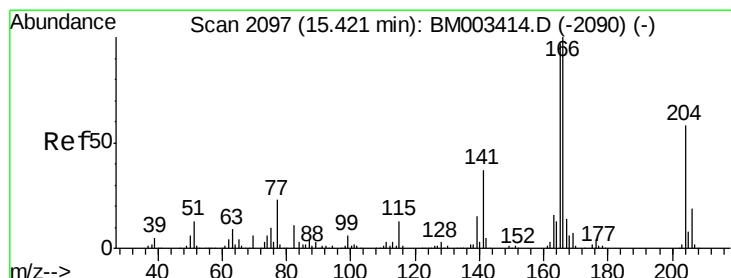
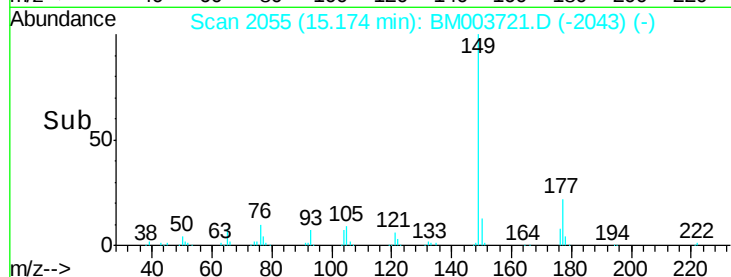
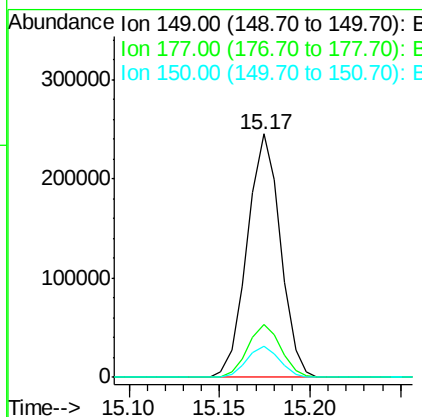
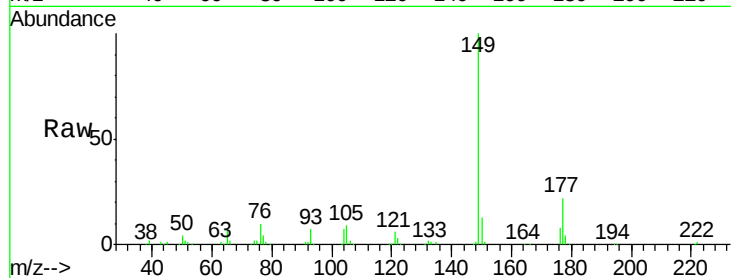




#59
Diethylphthalate
Concen: 52.12 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

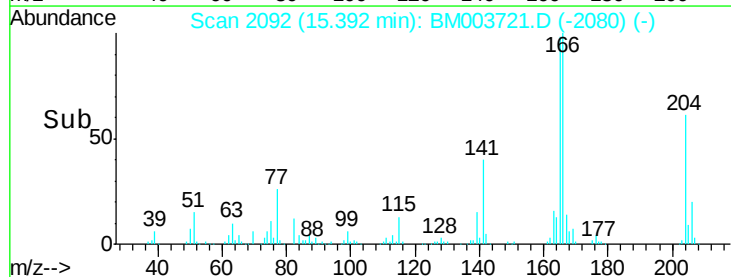
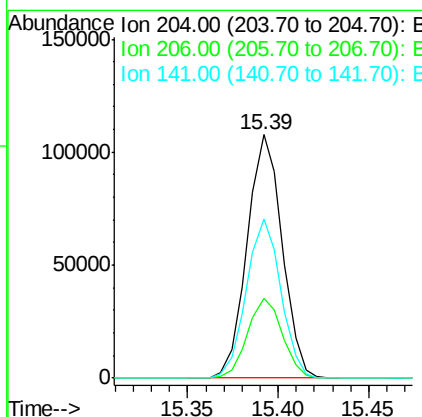
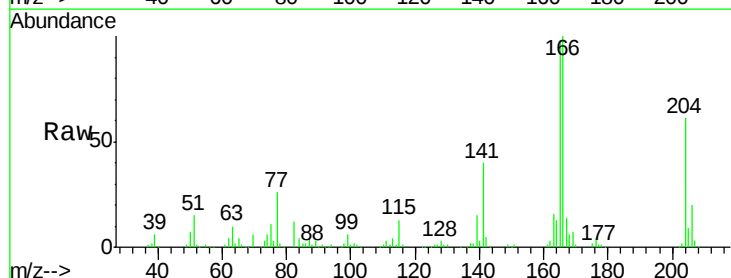
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

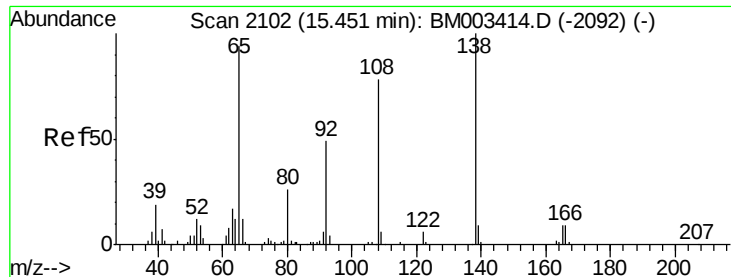
Tgt Ion:149 Resp: 313034
Ion Ratio Lower Upper
149 100
177 21.8 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 51.08 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:204 Resp: 144451
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 65.2 45.2 67.8

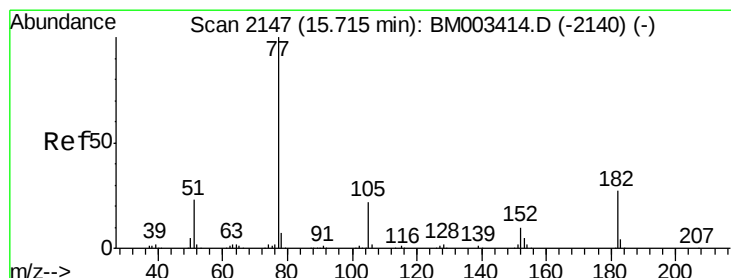
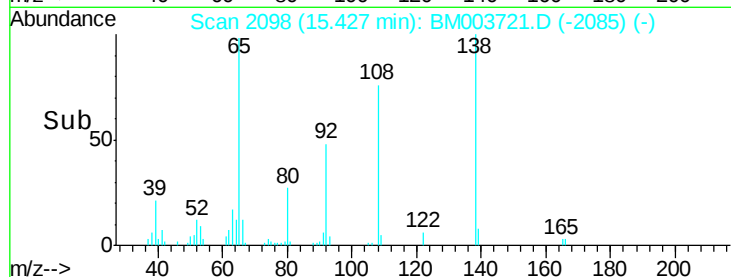
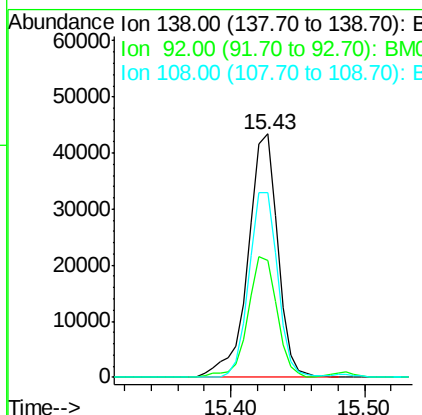
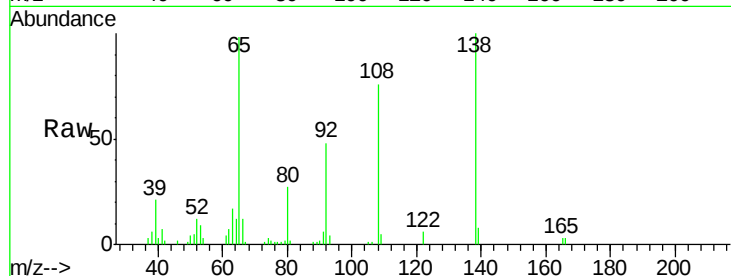




#61
4-Nitroaniline
Concen: 49.61 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

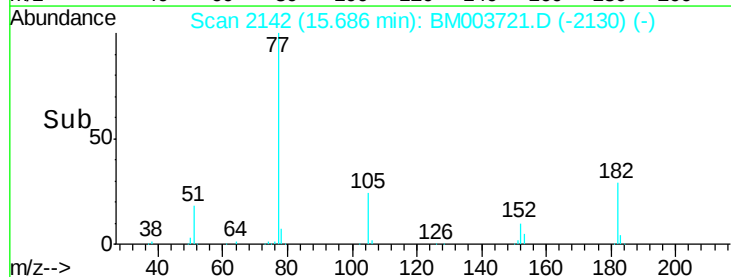
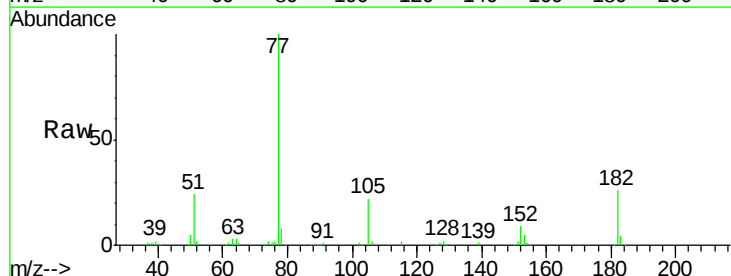
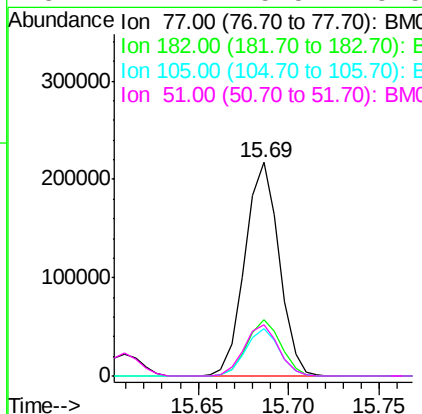
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

Tgt Ion:138 Resp: 66174
Ion Ratio Lower Upper
138 100
92 48.0 16.7 56.7
108 75.8 37.6 77.6



#62
Azobenzene
Concen: 60.63 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion: 77 Resp: 285448
Ion Ratio Lower Upper
77 100
182 26.2 6.5 46.5
105 22.0 3.8 43.8
51 24.1 5.5 45.5

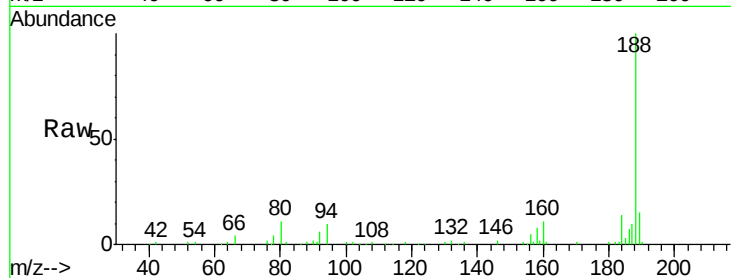




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Instrument :
BNA_M
ClientSampleId :
SB-2MSD

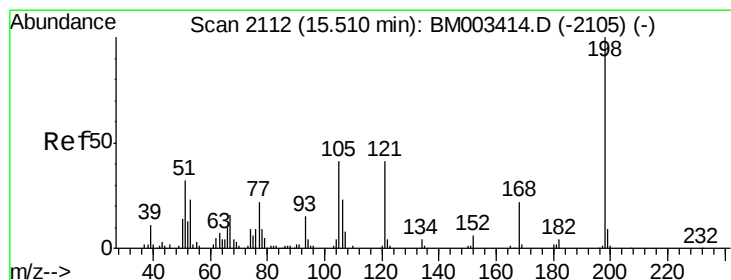
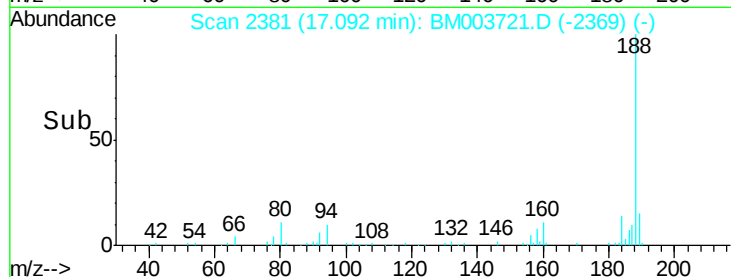
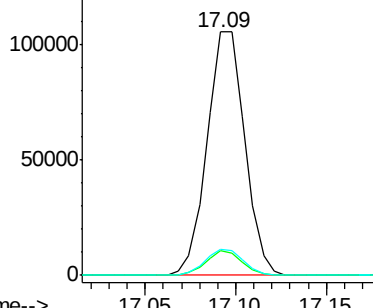
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	152157		
94	10.1		8.7	13.1
80	10.9		9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

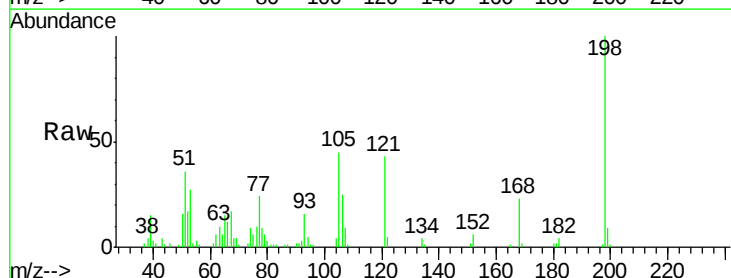
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64
4,6-Dinitro-2-methylphenol
Concen: 49.21 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

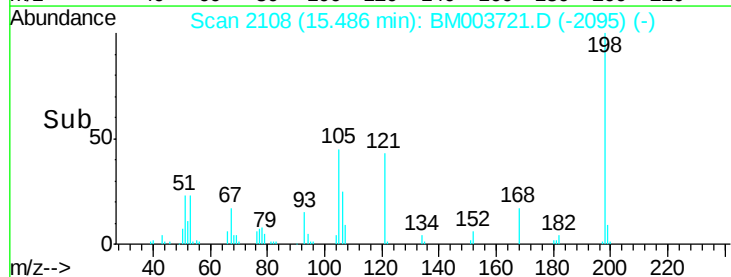
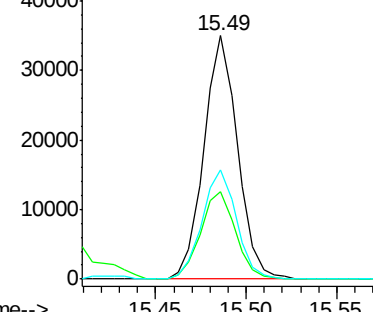
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45171		
51	35.7		28.8	68.8
105	44.9		30.5	70.5

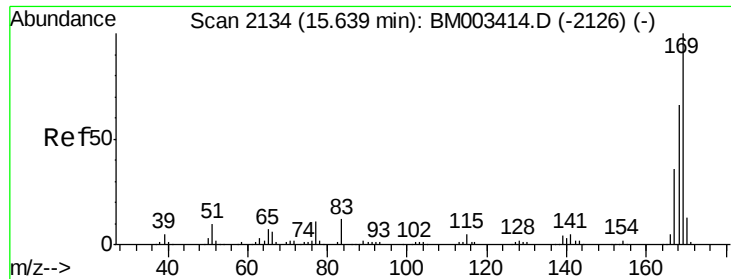


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

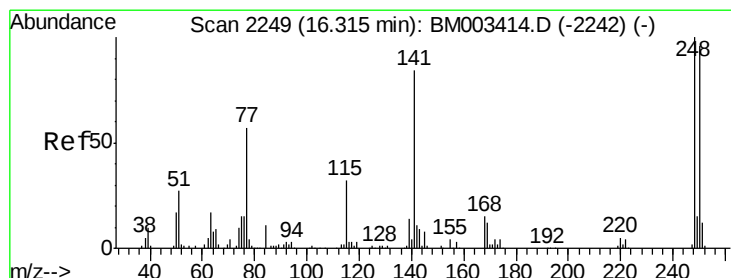
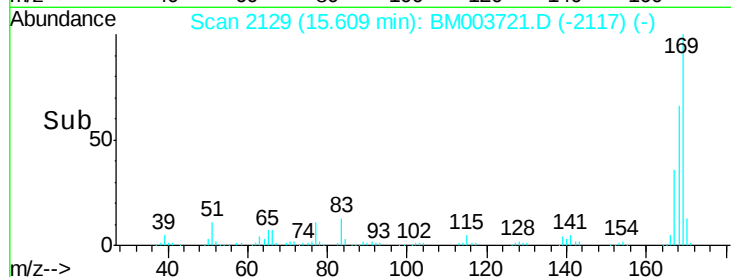
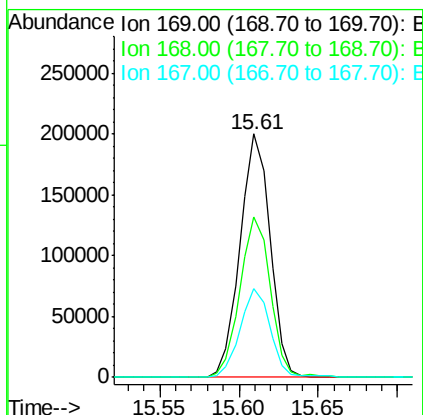
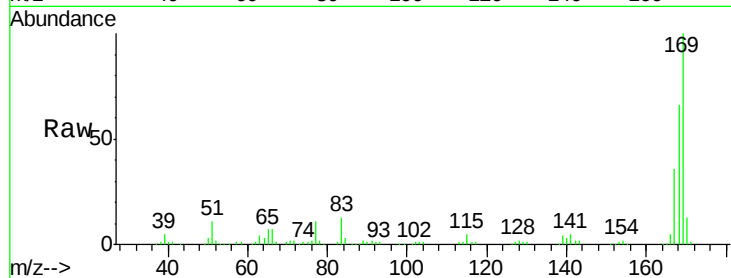




#65
 n-Nitrosodiphenylamine
 Concen: 54.89 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

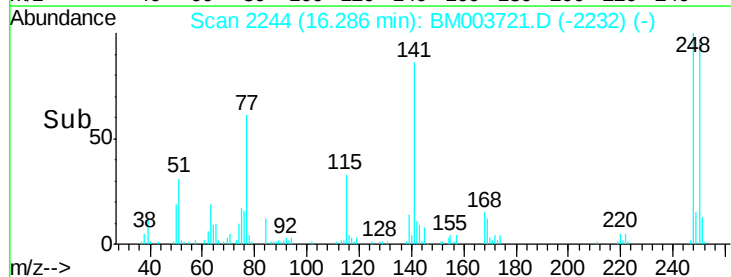
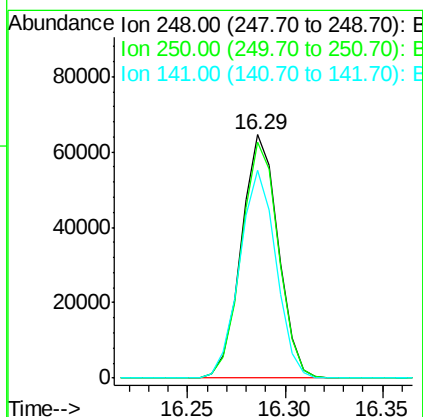
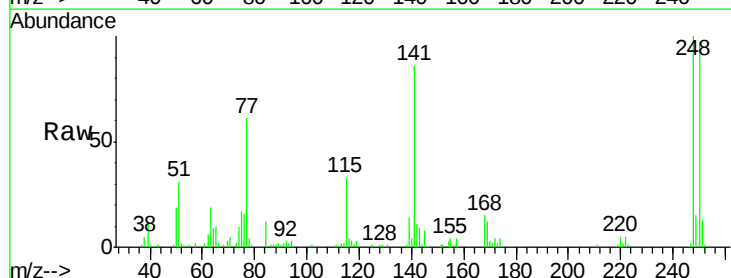
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

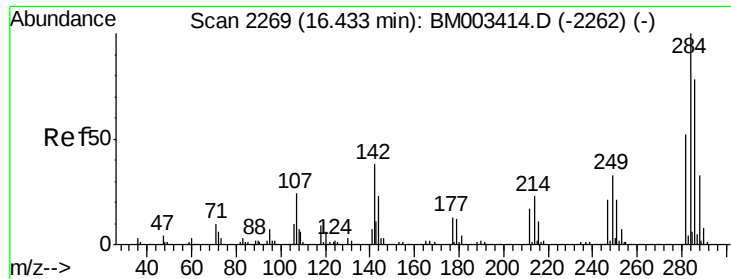
Tgt Ion:169 Resp: 264064
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.9 80.9
 167 36.4 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 51.59 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:248 Resp: 84635
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.4 116.0
 141 85.5 45.2 67.8#





#67

Hexachlorobenzene

Concen: 52.36 ng

RT: 16.40 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

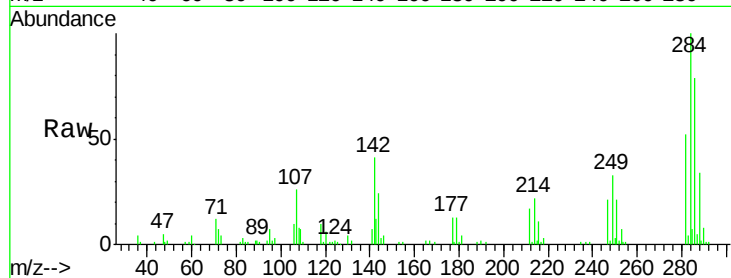
Tgt Ion:284 Resp: 92296

Ion Ratio Lower Upper

284 100

142 40.9 20.4 30.6#

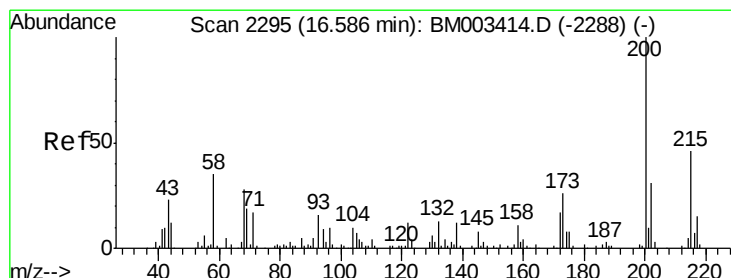
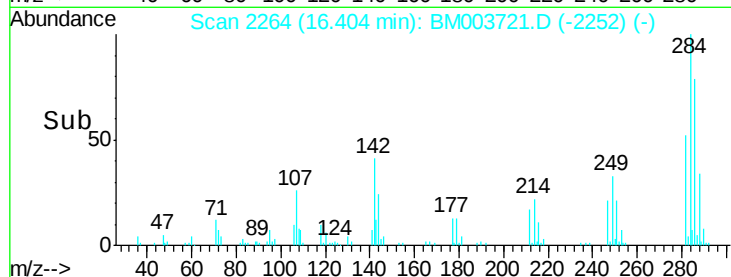
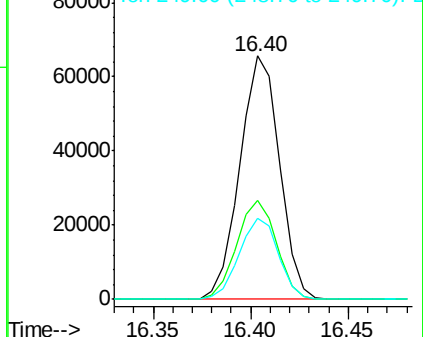
249 33.4 23.8 35.6



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: 57.44 ng

RT: 16.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

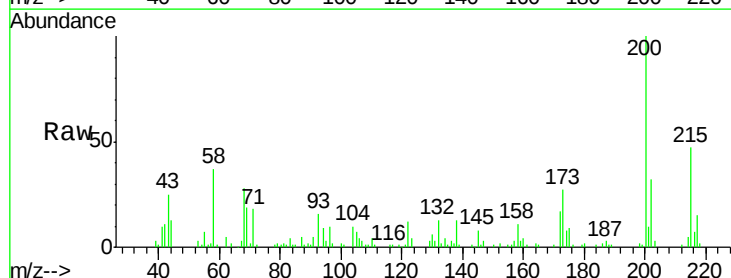
Tgt Ion:200 Resp: 86172

Ion Ratio Lower Upper

200 100

173 27.4 4.8 44.8

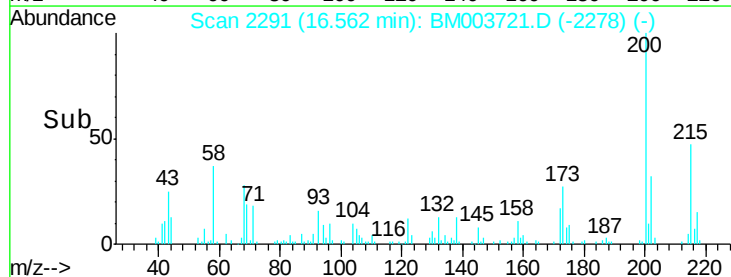
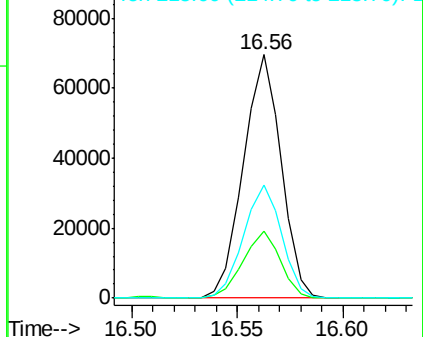
215 46.6 26.9 66.9



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

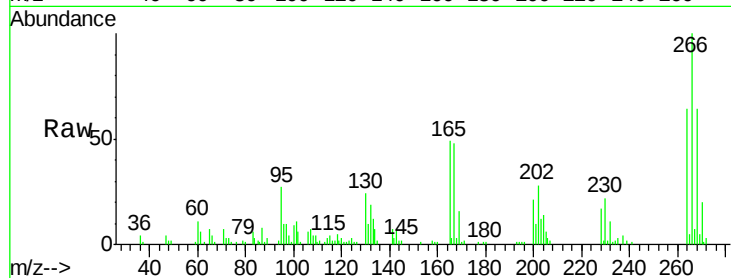




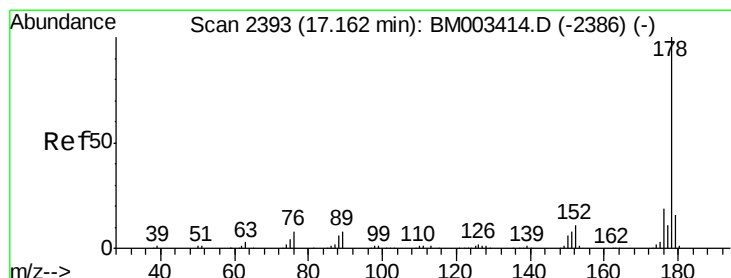
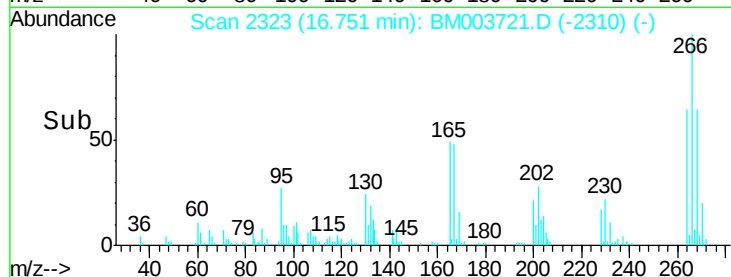
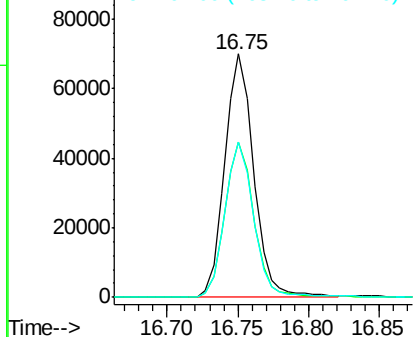
#69
 Pentachlorophenol
 Concen: 99.71 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

Tgt Ion: 266 Resp: 100329
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.0 78.0
 264 63.7 49.0 73.4

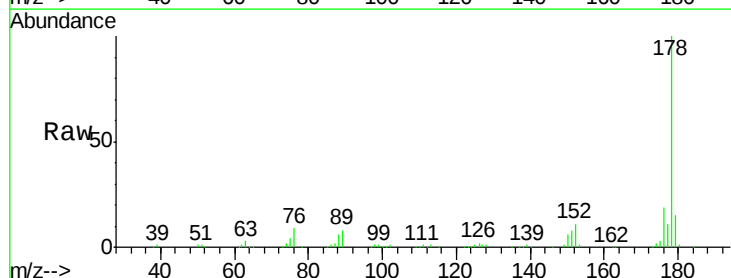


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

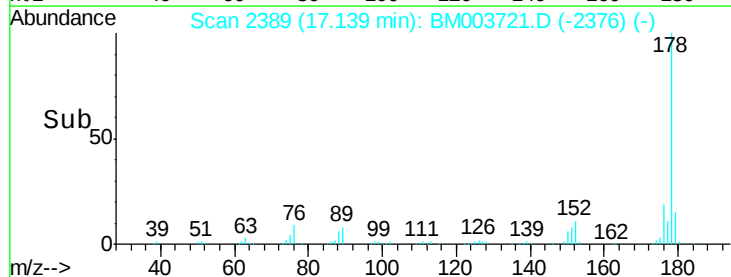
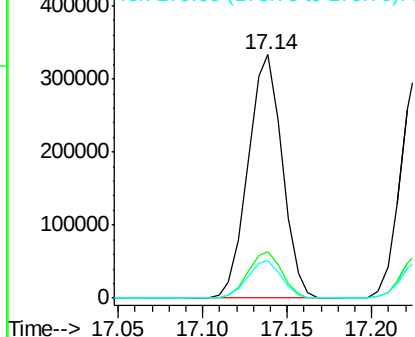


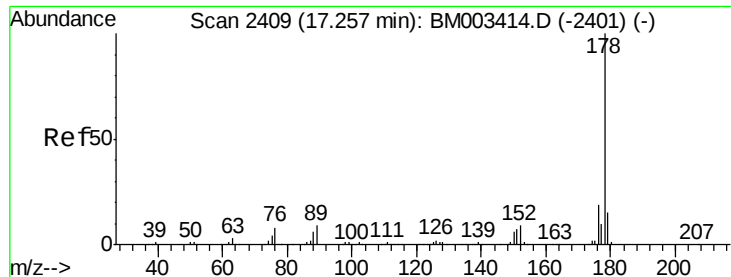
#70
 Phenanthrene
 Concen: 54.95 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion: 178 Resp: 469159
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.4 12.1 18.1



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

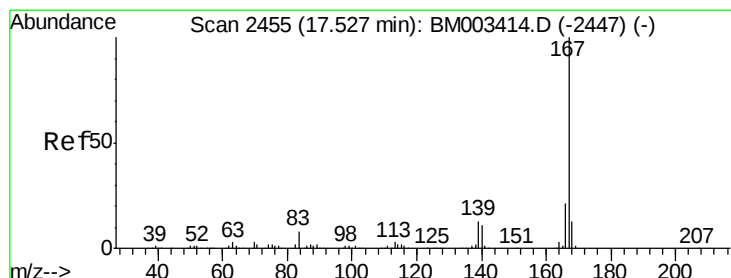
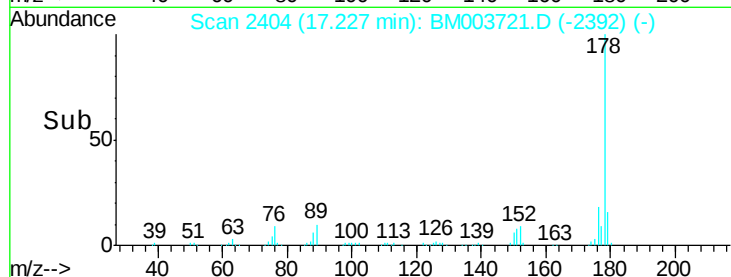
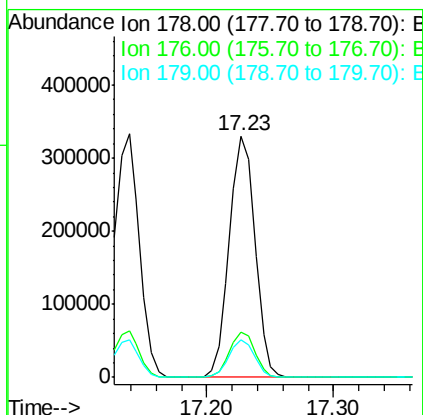
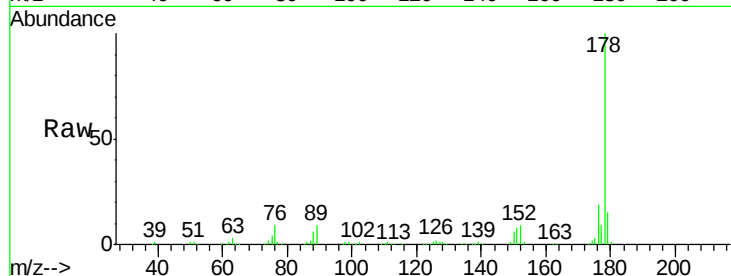




#71
 Anthracene
 Concen: 54.64 ng
 RT: 17.23 min Scan# 2404
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

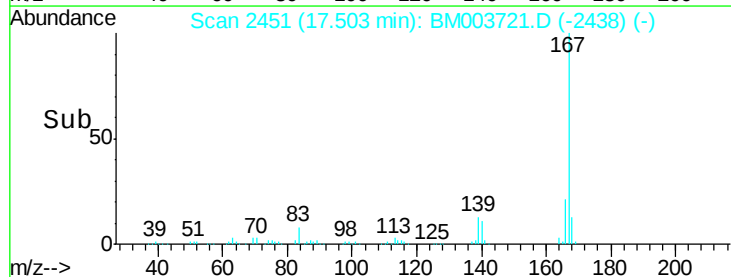
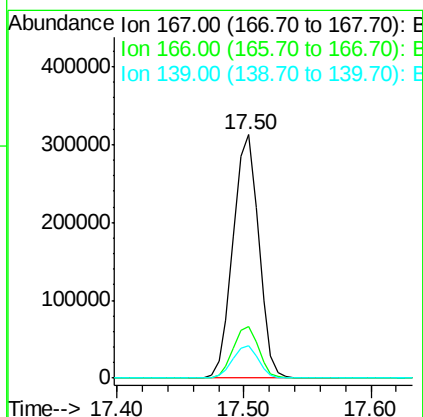
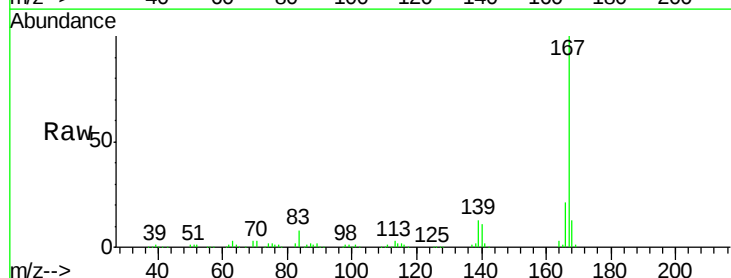
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

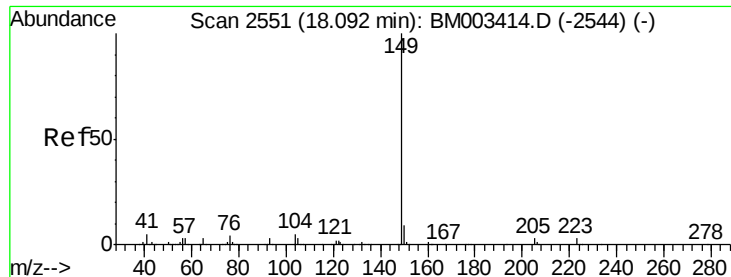
Tgt Ion:178 Resp: 463513
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 59.25 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:167 Resp: 437914
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 57.89 ng

RT: 18.06 min Scan# 2546

Delta R.T. -0.03 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

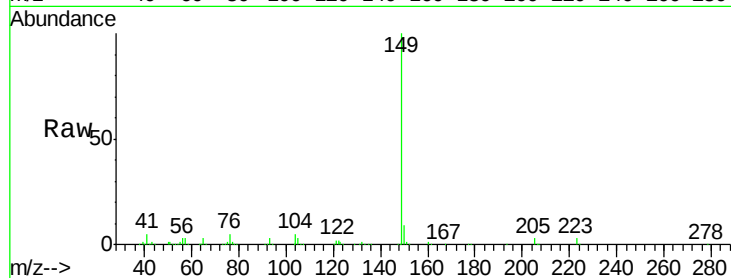
Tgt Ion:149 Resp: 500194

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

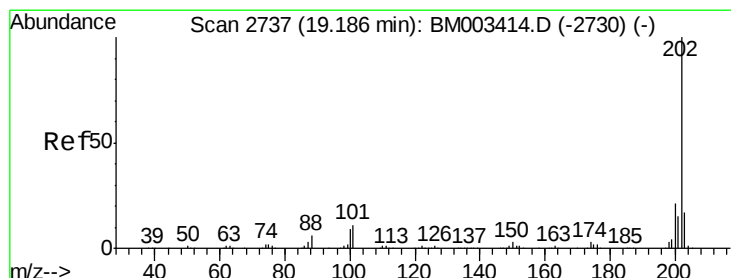
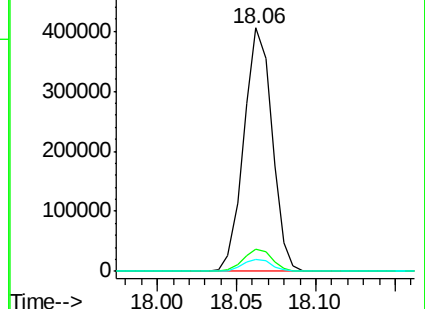
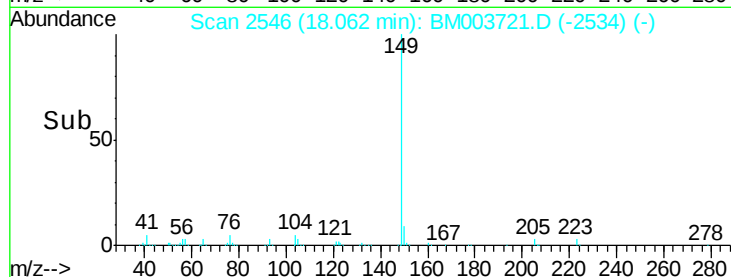
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 57.79 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

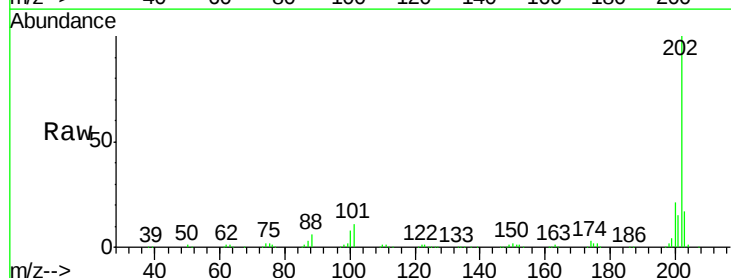
Tgt Ion:202 Resp: 508864

Ion Ratio Lower Upper

202 100

101 11.3 0.0 28.7

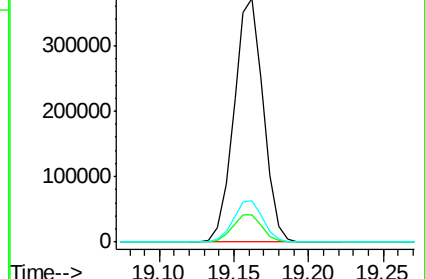
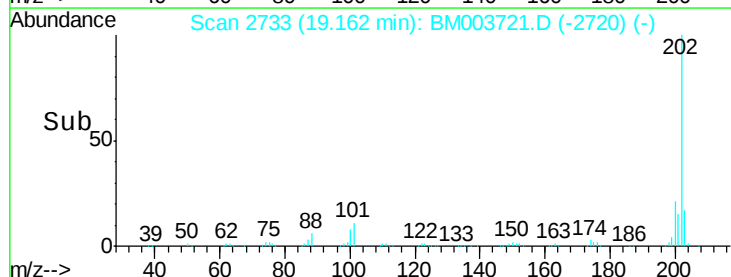
203 17.2 0.0 37.2

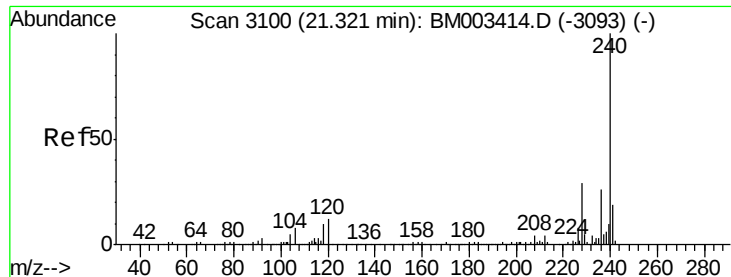


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

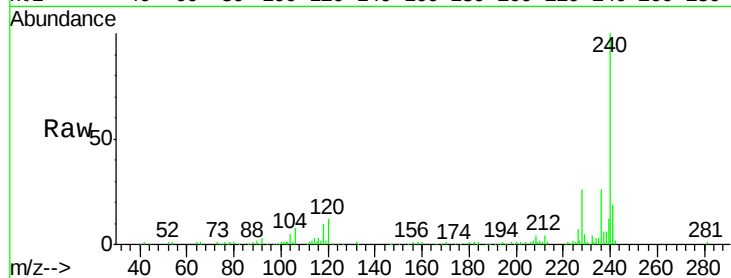
Tgt Ion:240 Resp: 157691

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

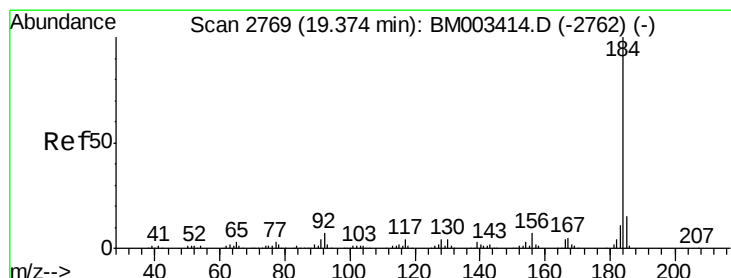
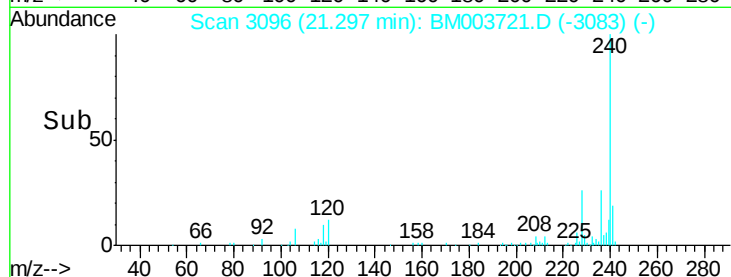
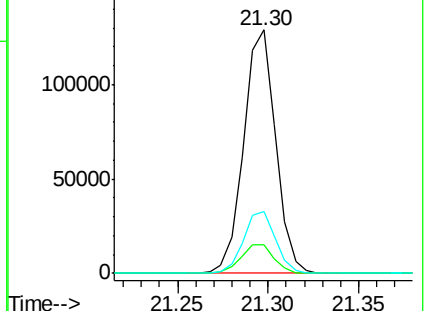
236 25.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.93 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

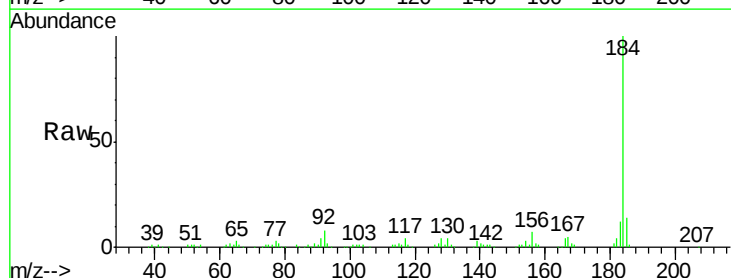
Tgt Ion:184 Resp: 196688

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

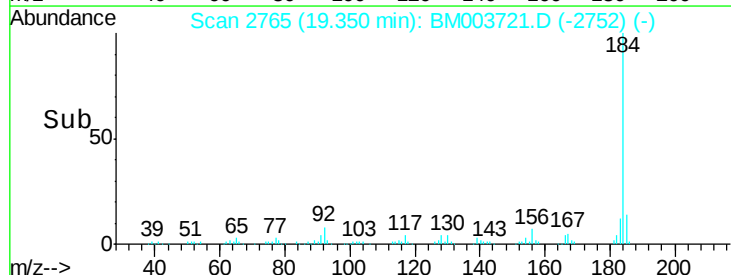
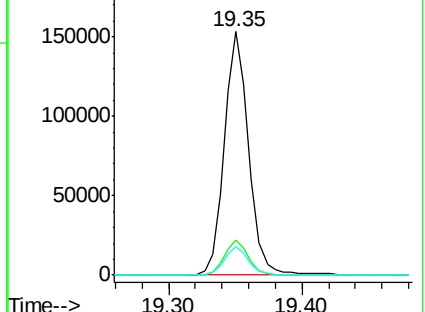
183 11.6 8.9 13.3

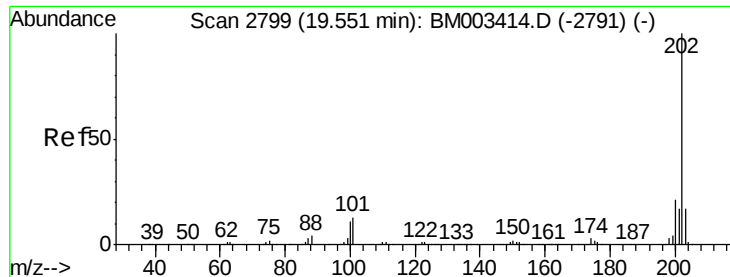


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

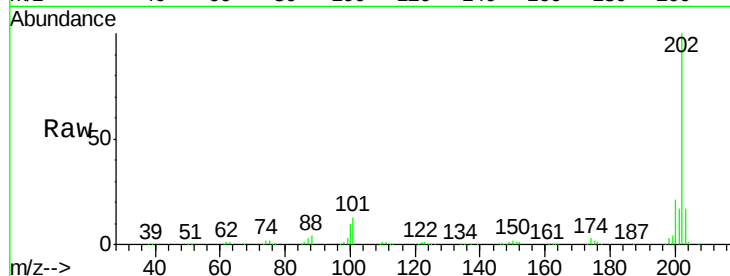




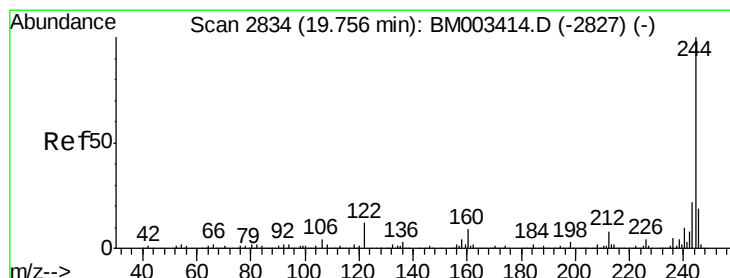
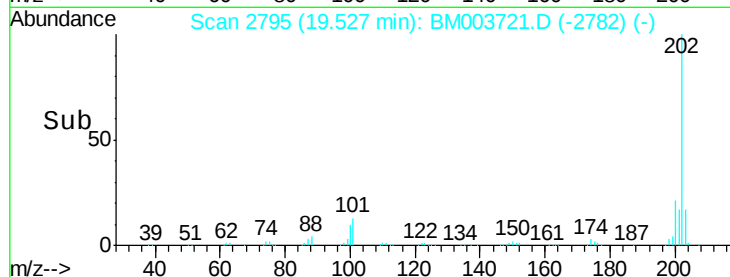
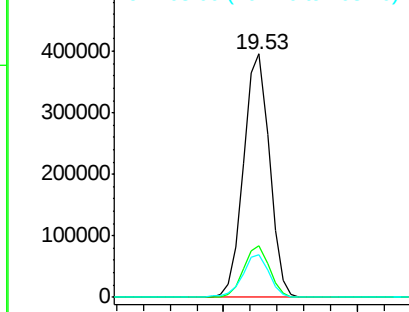
#77
 Pyrene
 Concen: 47.79 ng
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Instrument :
 BNA_M
 ClientSampled :
 SB-2MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.3	14.1	21.1

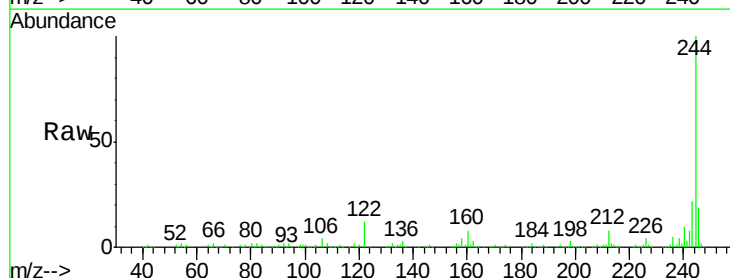


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

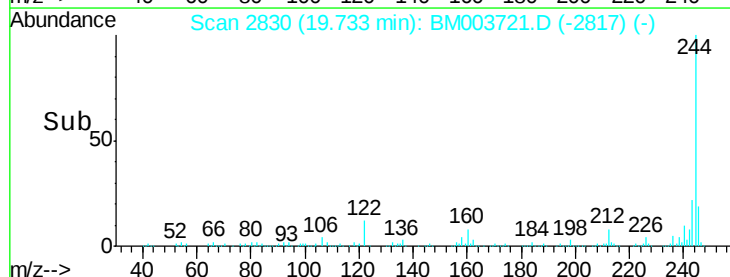
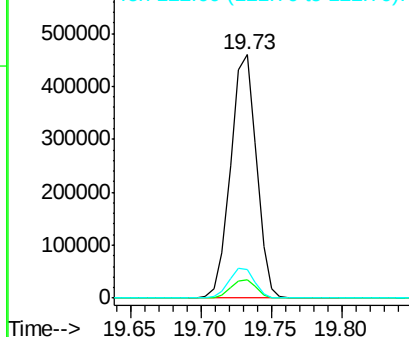


#78
 Terphenyl-d14
 Concen: 87.74 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.7	6.2	9.4#



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: 51.44 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

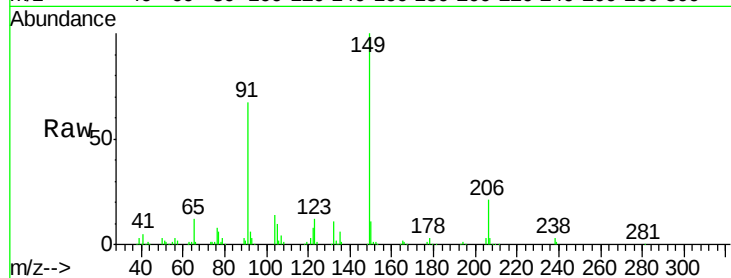
Tgt Ion:149 Resp: 219089

Ion Ratio Lower Upper

149 100

91 66.9 50.1 75.1

206 20.6 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

250000

200000

150000

100000

50000

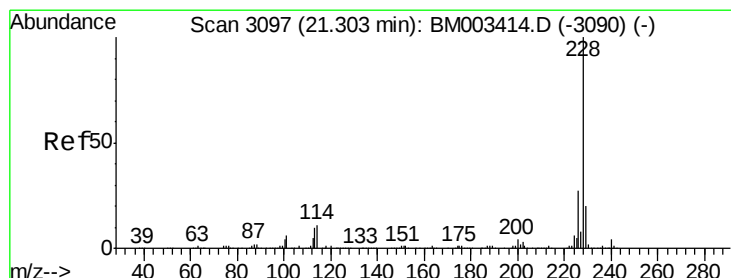
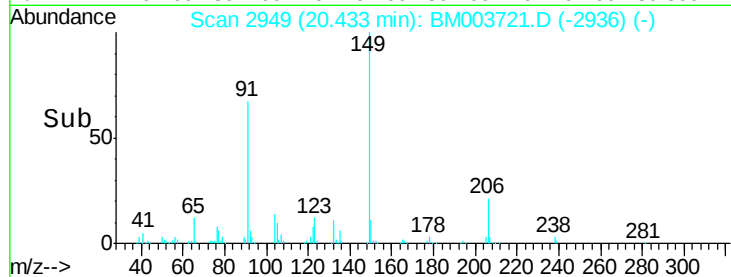
0

20.43

20.40

20.45

Time-->



#80

Benzo(a)anthracene

Concen: 52.21 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

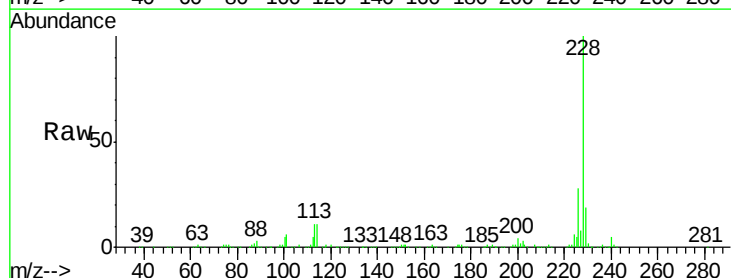
Tgt Ion:228 Resp: 493612

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.4 16.0 24.0



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

500000

400000

300000

200000

100000

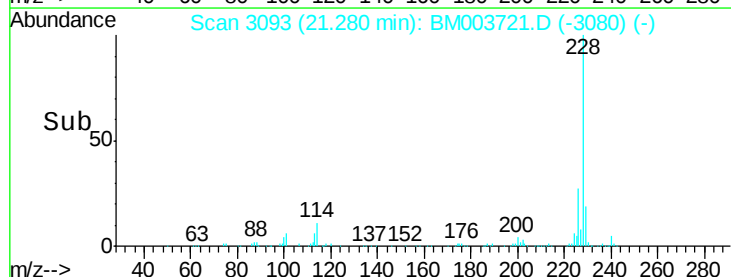
0

21.28

21.25

21.30

Time-->

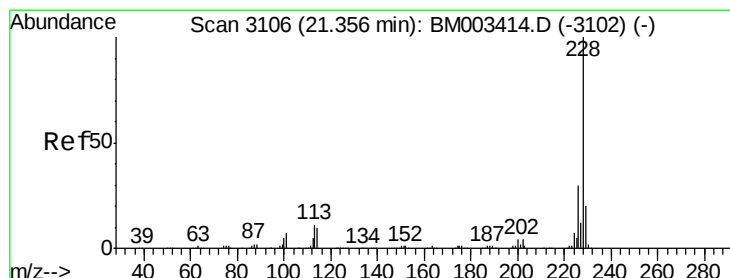
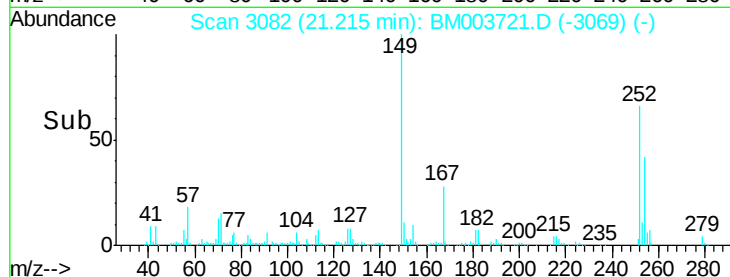
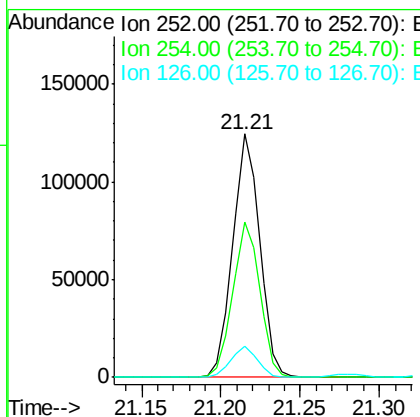
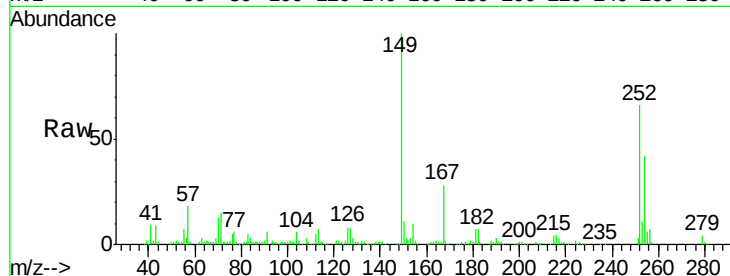




#81
 3,3'-Dichlorobenzidine
 Concen: 48.92 ng
 RT: 21.21 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

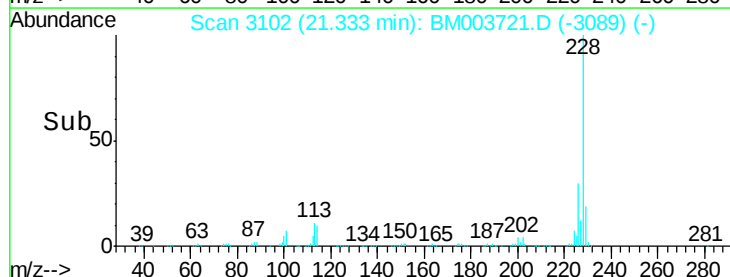
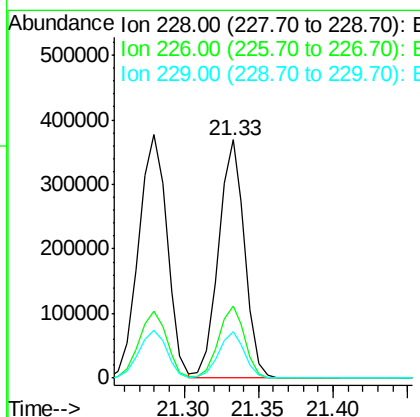
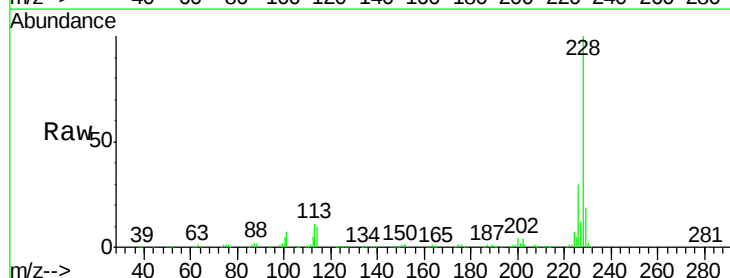
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

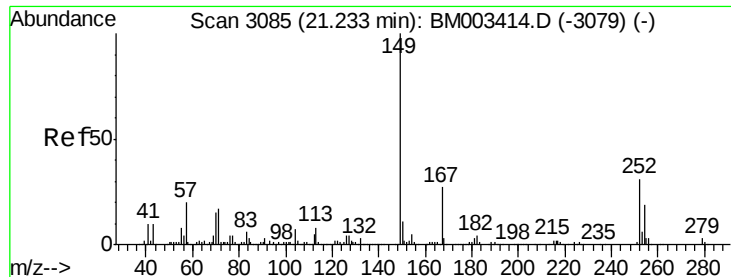
Tgt Ion: 252 Resp: 147270
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.9 77.9
 126 12.8 9.8 14.8



#82
 Chrysene
 Concen: 49.63 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion: 228 Resp: 451583
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.4 15.5 23.3

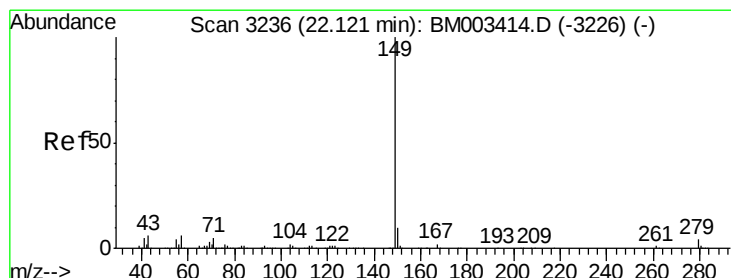
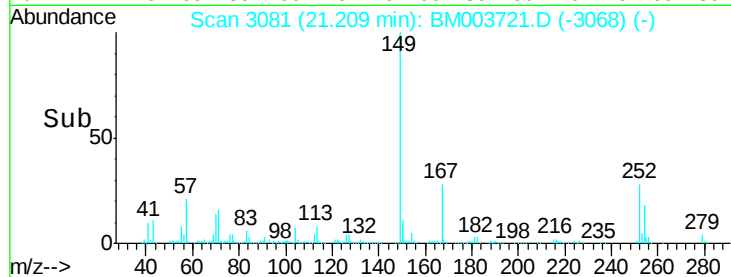
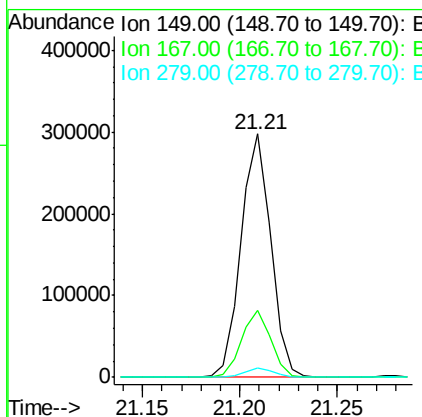
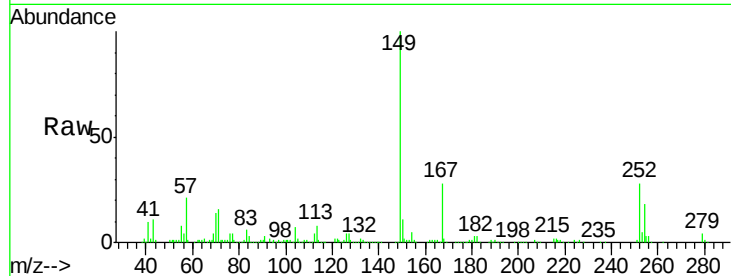




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.90 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.02 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

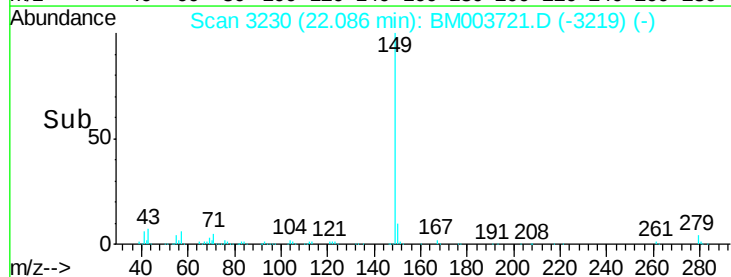
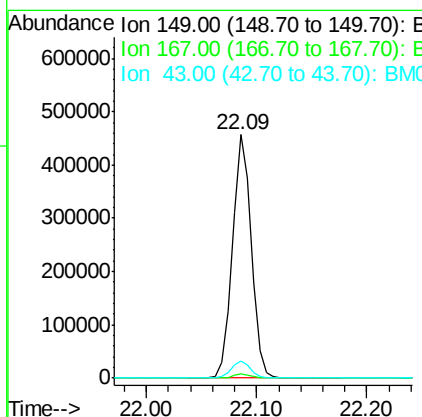
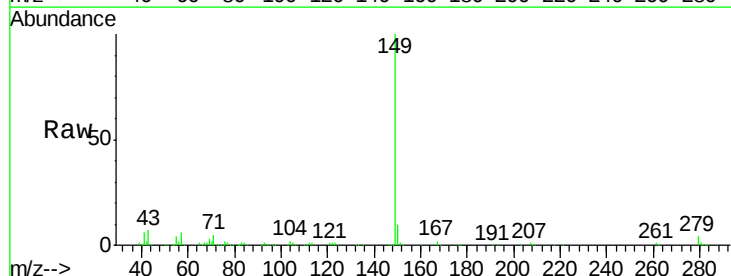
Instrument :
 BNA_M
 ClientSampleId :
 SB-2MSD

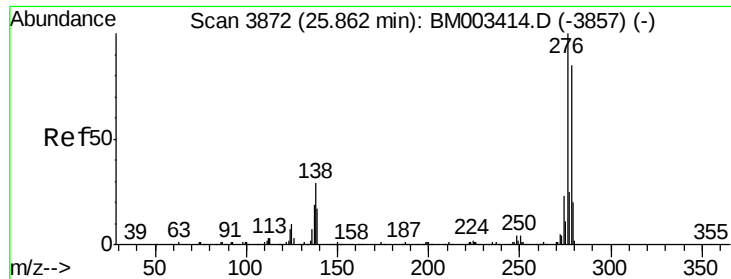
Tgt Ion:149 Resp: 314819
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 3.8 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 56.68 ng
 RT: 22.09 min Scan# 3230
 Delta R.T. -0.03 min
 Lab File: BM003721.D
 Acq: 22 Dec 2015 23:02

Tgt Ion:149 Resp: 546978
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 68.56 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

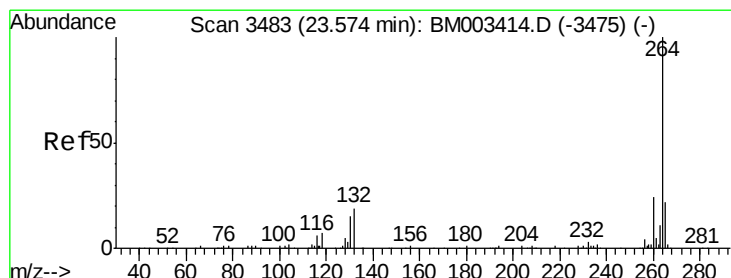
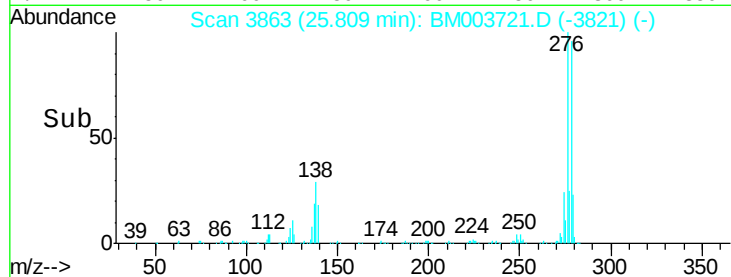
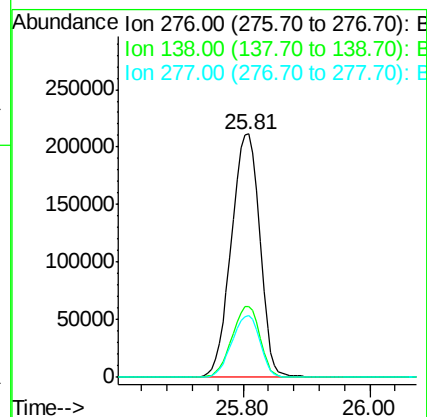
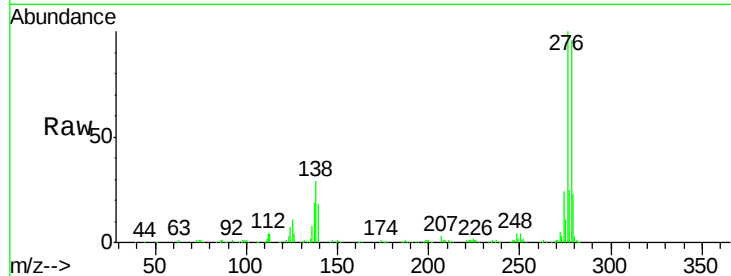
Tgt Ion:276 Resp: 655499

Ion Ratio Lower Upper

276 100

138 28.5 0.0 0.0#

277 25.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.54 min Scan# 3477

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

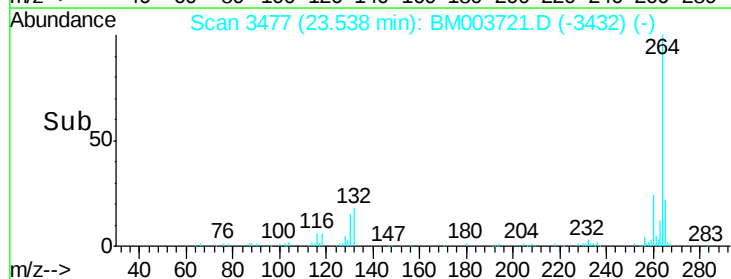
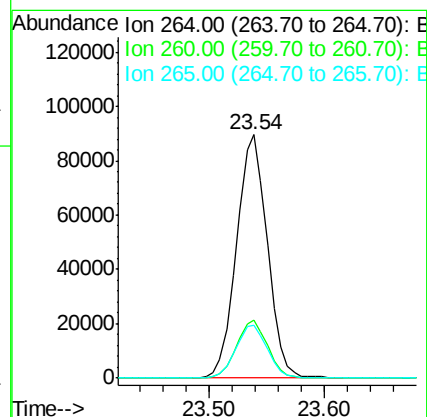
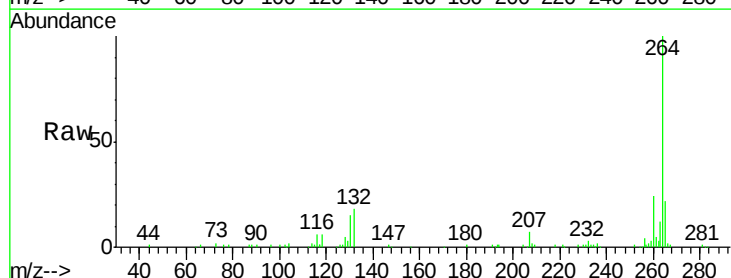
Tgt Ion:264 Resp: 165279

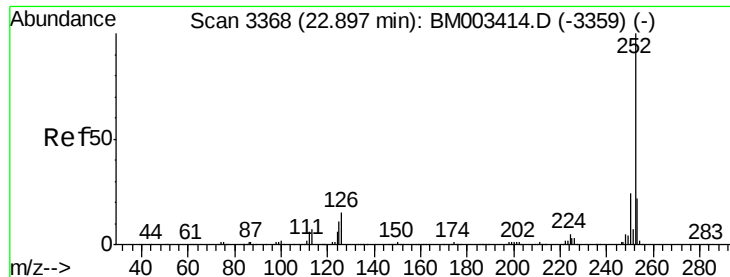
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.7 17.3 25.9

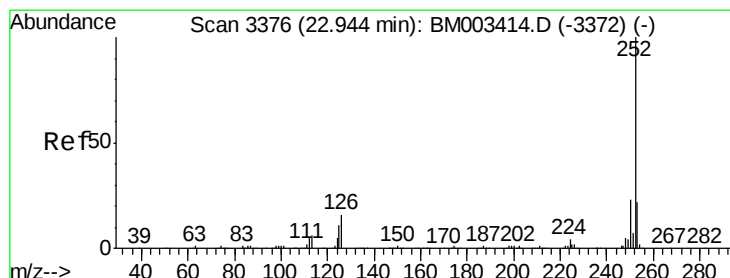
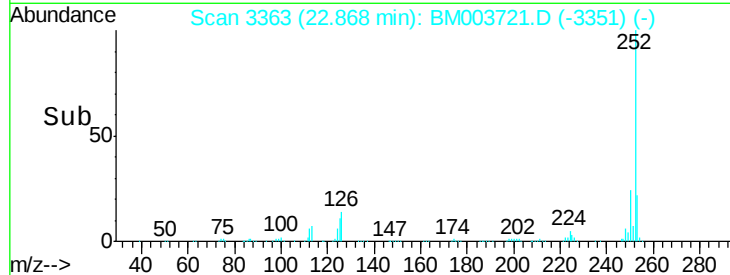
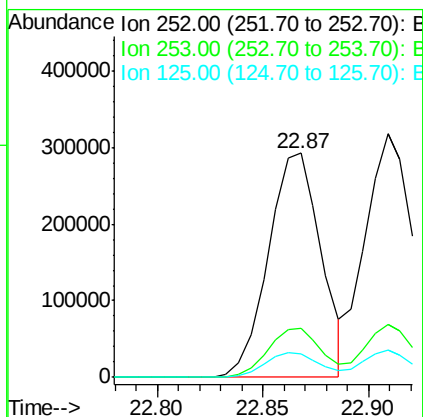
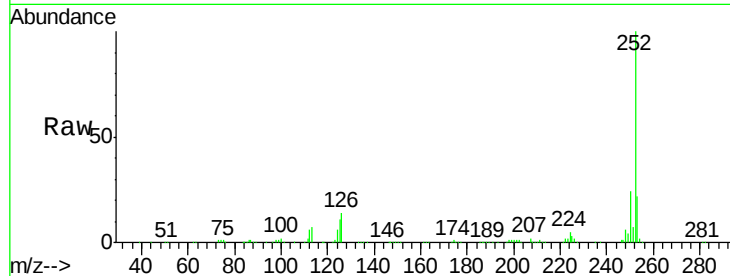




#87
Benzo(b)fluoranthene
Concen: 50.59 ng
RT: 22.87 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

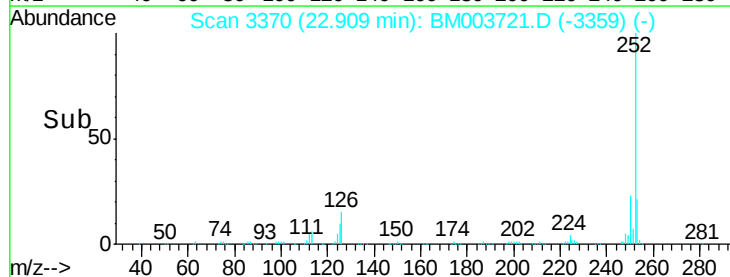
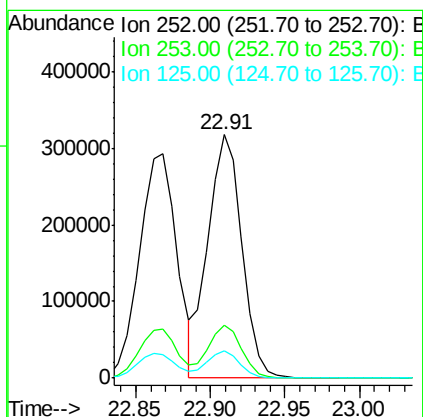
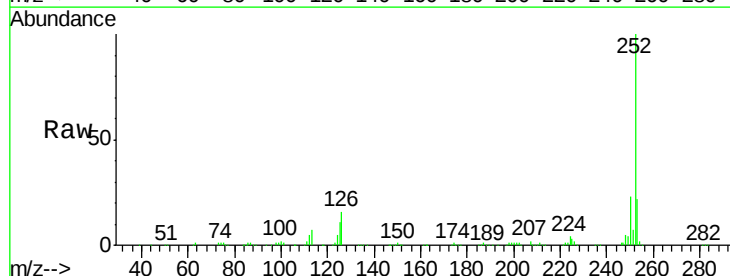
Instrument :
BNA_M
ClientSampleId :
SB-2MSD

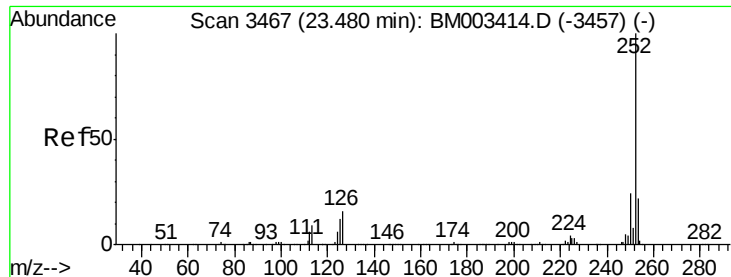
Tgt Ion:252 Resp: 508241
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.7 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 51.39 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BM003721.D
Acq: 22 Dec 2015 23:02

Tgt Ion:252 Resp: 504010
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 11.0 8.1 12.1





#89

Benzo(a)pyrene

Concen: 53.74 ng

RT: 23.44 min Scan# 3461

Delta R.T. -0.04 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD

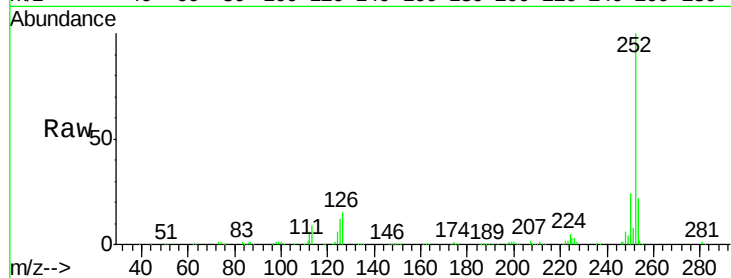
Tgt Ion: 252 Resp: 507867

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

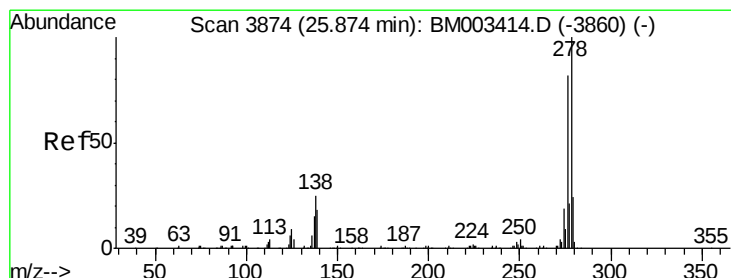
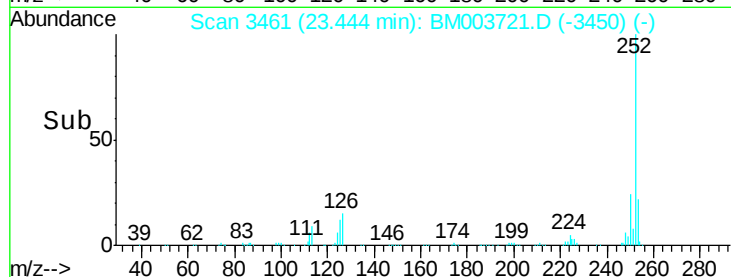
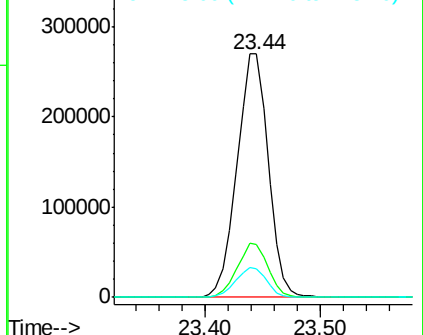
125 11.9 7.4 11.2#



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: 59.35 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM003721.D

Acq: 22 Dec 2015 23:02

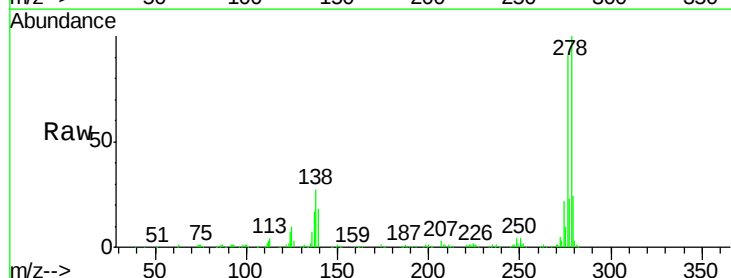
Tgt Ion: 278 Resp: 547645

Ion Ratio Lower Upper

278 100

139 18.2 13.4 20.0

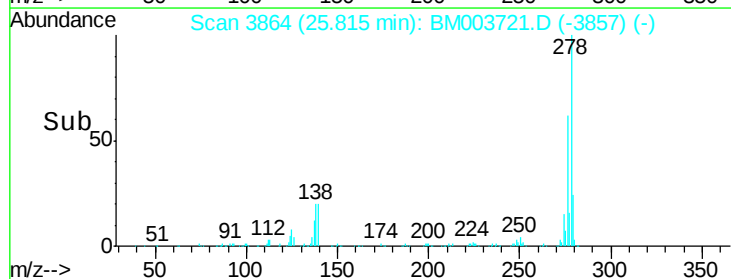
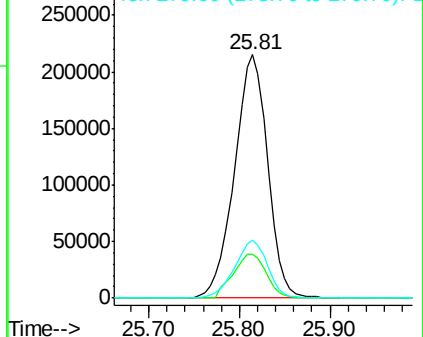
279 23.7 19.0 28.4

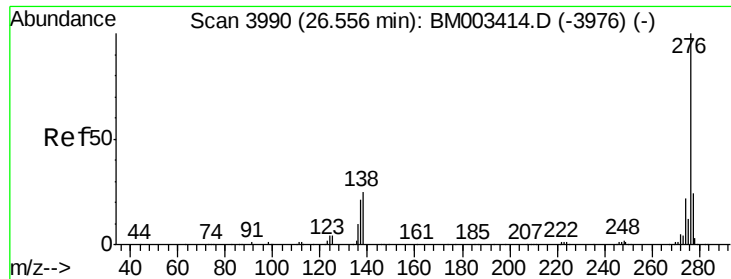


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.66 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.06 min

Lab File: BM003721.D

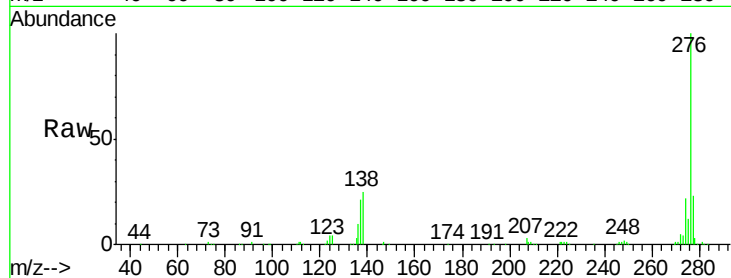
Acq: 22 Dec 2015 23:02

Instrument :

BNA_M

ClientSampleId :

SB-2MSD



Tgt Ion:	276	Resp:	556118
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.5	27.7
138	24.7	19.0	28.6

