

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003413.D
 Acq On : 09 Dec 2015 15:28
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 09 17:01:18 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 16:57:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87523	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	400402	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	231020	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	483832	20.00	ng	0.00
75) Chrysene-d12	21.32	240	399278	20.00	ng	0.00
86) Perylene-d12	23.57	264	354457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	252705	49.92	ng	0.00
7) Phenol-d6	6.89	99	355490	56.09	ng	0.00
23) Nitrobenzene-d5	8.88	82	337903	54.10	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	123117	55.15	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	876358	54.56	ng	0.00
78) Terphenyl-d14	19.76	244	885288	54.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	51005	22.65	ng	# 100
3) Pyridine	3.61	79	144355	23.60	ng	87
4) n-Nitrosodimethylamine	3.53	42	47114	18.62	ng	85
6) Aniline	7.05	93	232161	25.89	ng	95
8) 2-Chlorophenol	7.29	128	158831	26.14	ng	95
9) Benzaldehyde	6.86	77	93446	34.53	ng	96
10) Phenol	6.92	94	186253	25.23	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	149765	26.85	ng	97
12) 1,3-Dichlorobenzene	7.61	146	172926	25.67	ng	98
13) 1,4-Dichlorobenzene	7.76	146	178495	25.48	ng	97
14) 1,2-Dichlorobenzene	8.07	146	169606	26.30	ng	97
15) Benzyl Alcohol	7.96	79	122310	25.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	160334	22.00	ng	92
17) 2-Methylphenol	8.16	107	131867	26.76	ng	98
18) Hexachloroethane	8.80	117	61218	26.37	ng	94
19) n-Nitroso-di-n-propylamine	8.53	70	118528	27.11	ng	# 86
20) 3+4-Methylphenols	8.49	107	182319	27.85	ng	98
22) Acetophenone	8.55	105	252749	27.84	ng	# 89
24) Nitrobenzene	8.92	77	179721	26.68	ng	90
25) Isophorone	9.44	82	343684	27.34	ng	96
26) 2-Nitrophenol	9.63	139	87892	26.99	ng	94
27) 2,4-Dimethylphenol	9.69	122	160355	26.98	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	202701	26.66	ng	99
29) 2,4-Dichlorophenol	10.16	162	153672	27.06	ng	99
30) 1,2,4-Trichlorobenzene	10.38	180	165702	26.15	ng	98
31) Naphthalene	10.56	128	530639	25.58	ng	100
32) Benzoic acid	9.82	122	91524	31.17	ng	98
33) 4-Chloroaniline	10.67	127	225964	26.86	ng	96
34) Hexachlorobutadiene	10.85	225	98131	27.07	ng	98
35) Caprolactam	11.44	113	50093	29.89	ng	# 70
36) 4-Chloro-3-methylphenol	11.80	107	174586	29.93	ng	92
37) 2-Methylnaphthalene	12.18	142	369032	26.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	189946	27.04	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	101007	32.59	ng	99

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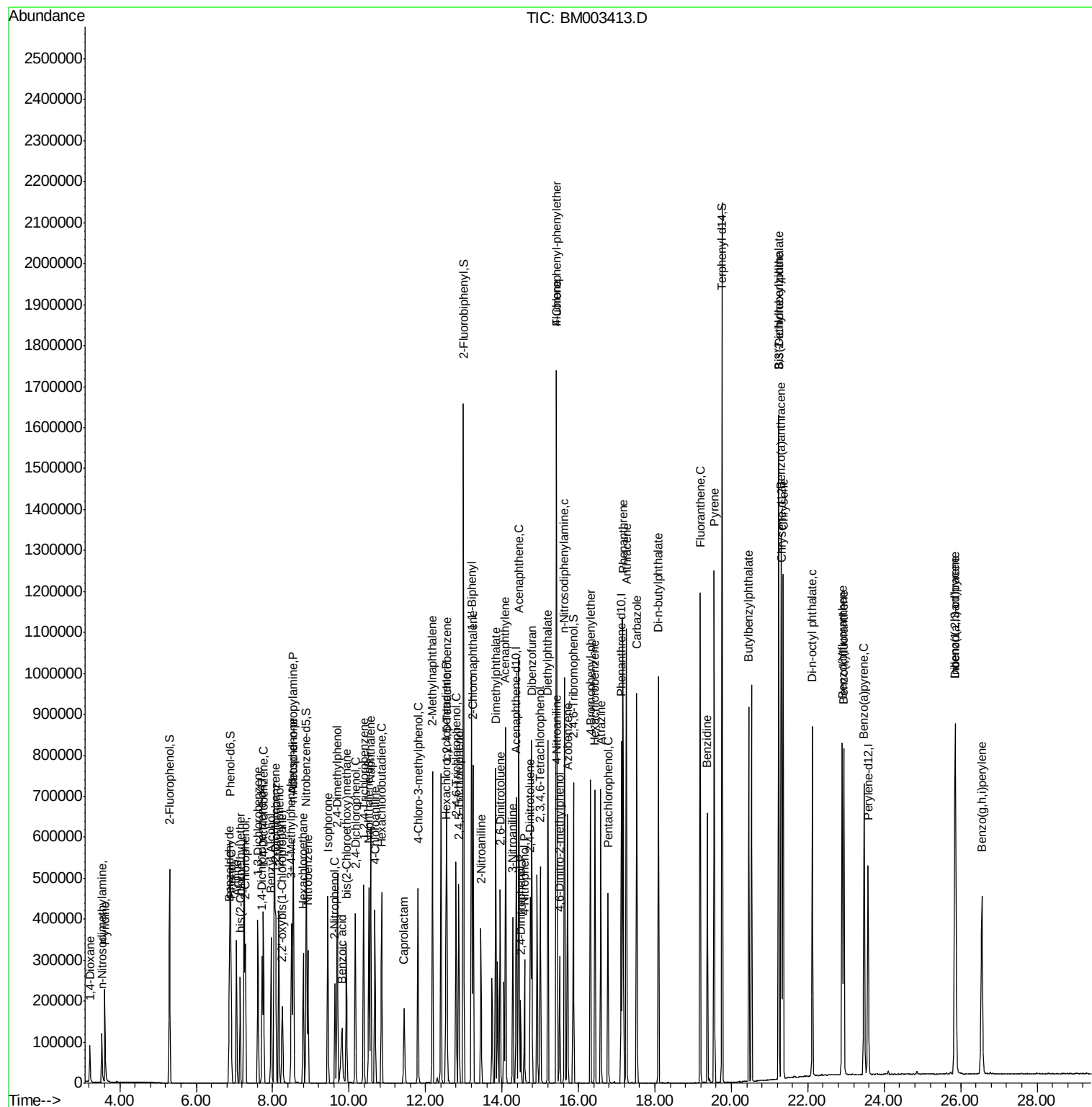
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	125868	26.16	nq	98
43) 2,4,5-Trichlorophenol	12.87	196	133572	25.71	nq	# 90
45) 1,1'-Biphenyl	13.20	154	525127	27.89	nq	98
46) 2-Chloronaphthalene	13.25	162	382141	25.27	nq	# 93
47) 2-Nitroaniline	13.45	65	93644	25.22	nq	92
48) Acenaphthylene	14.10	152	652841	25.91	nq	99
49) Dimethylphthalate	13.83	163	498001	28.45	nq	99
50) 2,6-Dinitrotoluene	13.95	165	105896	29.09	nq	95
51) Acenaphthene	14.44	154	370236	25.74	nq	100
52) 3-Nitroaniline	14.28	138	108767	26.30	nq	85
53) 2,4-Dinitrophenol	14.49	184	45312	37.38	nq	# 80
54) Dibenzofuran	14.77	168	536781	25.28	nq	94
55) 4-Nitrophenol	14.59	139	84563	27.58	nq	82
56) 2,4-Dinitrotoluene	14.74	165	138991	29.30	nq	# 73
57) Fluorene	15.43	166	454029	25.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	102451	25.75	nq	# 100
59) Diethylphthalate	15.20	149	491806	28.90	nq	98
60) 4-Chlorophenyl-phenylether	15.42	204	227053	27.80	nq	95
61) 4-Nitroaniline	15.44	138	105179	25.64	nq	# 75
62) Azobenzene	15.72	77	384486	24.57	nq	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	70924	35.27	nq	85
65) n-Nitrosodiphenylamine	15.63	169	395002	24.59	nq	98
66) 4-Bromophenyl-phenylether	16.32	248	133531	25.70	nq	# 85
67) Hexachlorobenzene	16.43	284	142520	25.08	nq	# 80
68) Atrazine	16.59	200	129231	28.26	nq	98
69) Pentachlorophenol	16.77	266	79296	30.44	nq	98
70) Phenanthrene	17.16	178	695474	25.08	nq	100
71) Anthracene	17.26	178	700367	25.40	nq	99
72) Carbazole	17.53	167	611912	23.58	nq	99
73) Di-n-butylphthalate	18.09	149	728995	24.93	nq	99
74) Fluoranthene	19.19	202	719242	23.97	nq	97
76) Benzidine	19.37	184	345740	30.23	nq	99
77) Pyrene	19.55	202	734829	29.12	nq	99
79) Butylbenzylphthalate	20.46	149	267106	26.67	nq	96
80) Benzo(a)anthracene	21.30	228	615011	25.71	nq	99
81) 3,3'-Dichlorobenzidine	21.24	252	208743	26.28	nq	99
82) Chrysene	21.36	228	581679	26.96	nq	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	374292	24.83	nq	98
84) Di-n-octyl phthalate	22.12	149	590474	22.97	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.86	276	609979	22.78	nq	# 100
87) Benzo(b)fluoranthene	22.90	252	569926	24.81	nq	97
88) Benzo(k)fluoranthene	22.94	252	526218	28.15	nq	99
89) Benzo(a)pyrene	23.47	252	521501	26.64	nq	# 97
90) Dibenzo(a,h)anthracene	25.86	278	507440	26.13	nq	98
91) Benzo(g,h,i)perylene	26.55	276	506358	25.76	nq	97

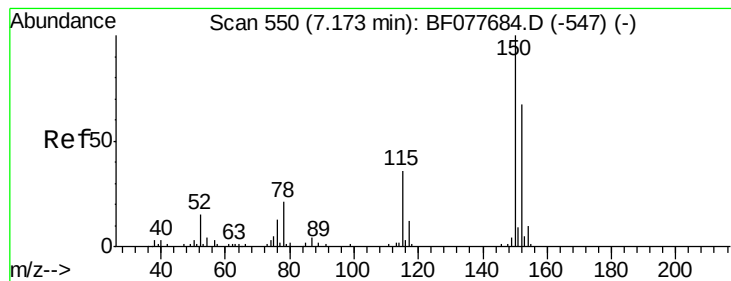
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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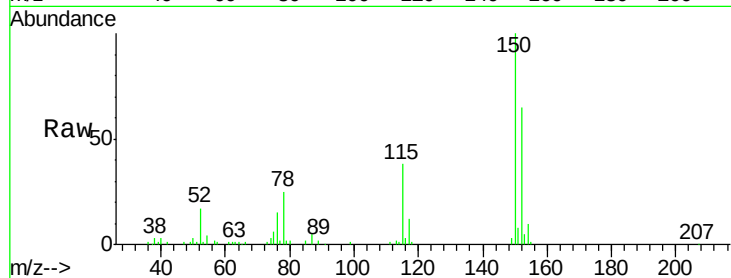


#1

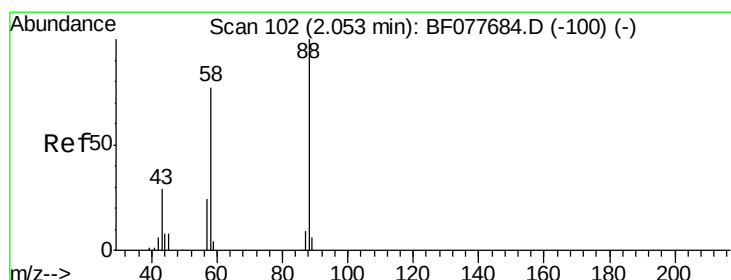
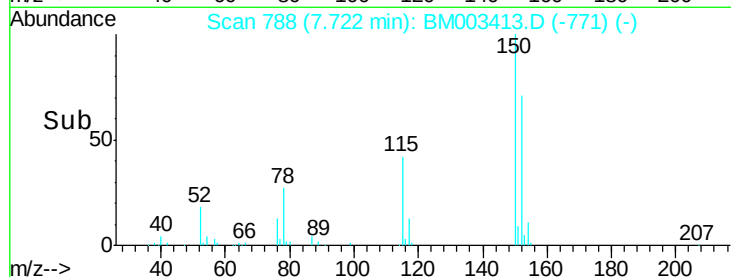
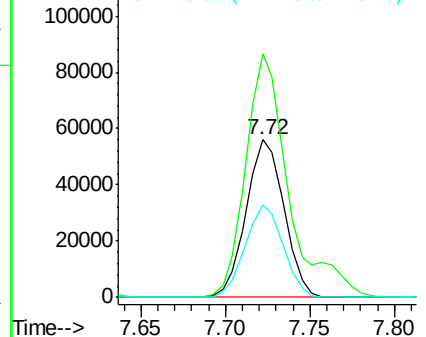
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 87523
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 58.9 43.0 64.4



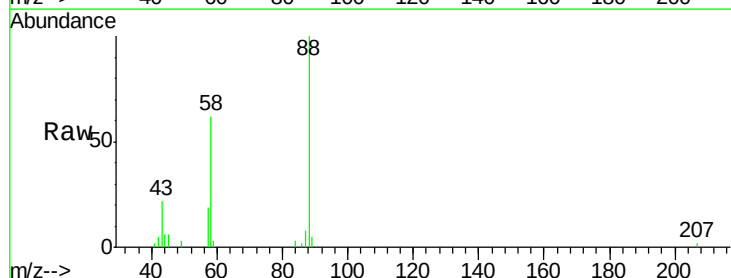
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



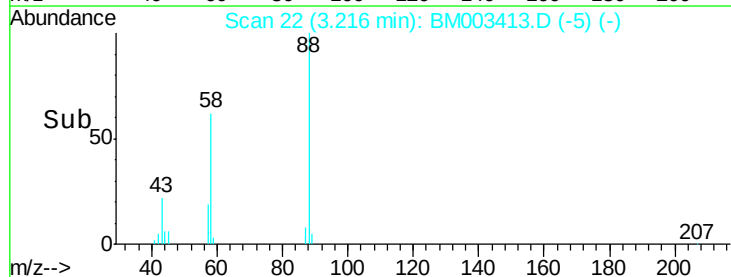
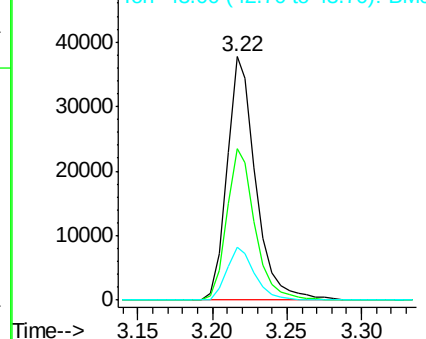
#2

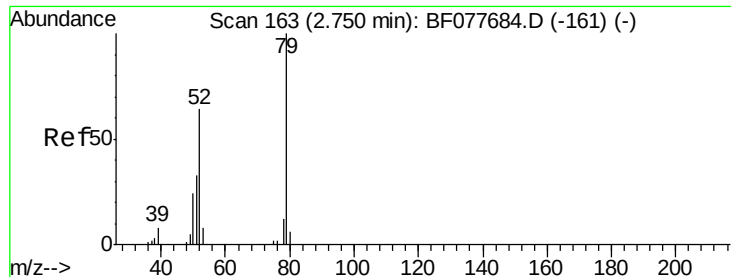
1,4-Dioxane
Concen: 22.65 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion: 88 Resp: 51005
Ion Ratio Lower Upper
88 100
58 61.1 0.0 0.0#
43 21.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 23.60 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

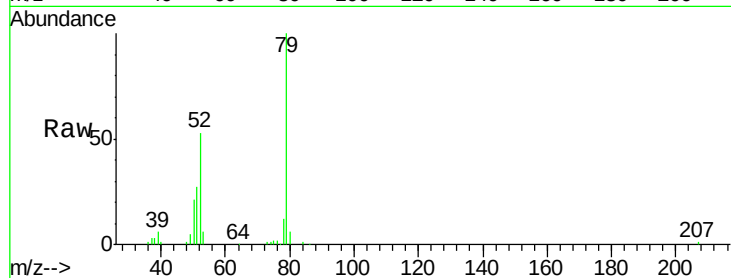
Tot Ion: 79 Resp: 144355

Ion Ratio Lower Upper

79 100

52 53.1 51.1 76.7

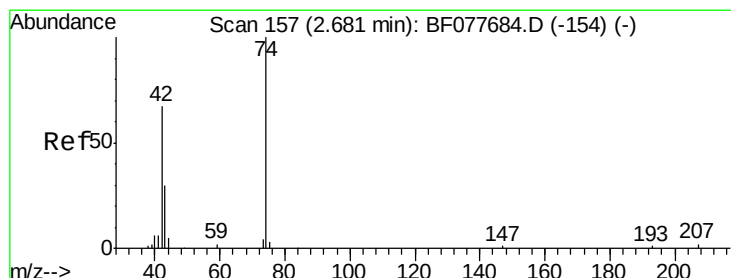
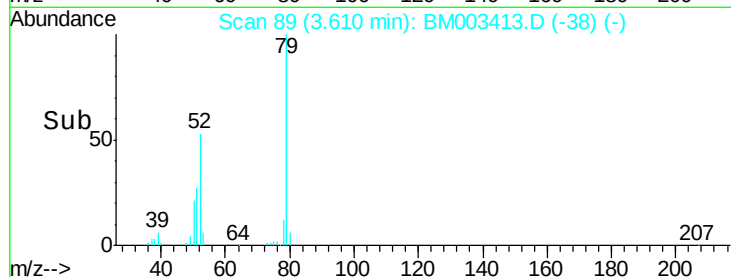
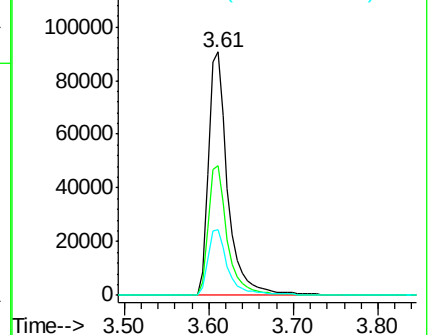
51 27.0 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003413.D (-89) (-)

Ion 52.00 (51.70 to 52.70): BM003413.D (-89) (-)

Ion 51.00 (50.70 to 51.70): BM003413.D (-89) (-)



#4

n-Nitrosodimethylamine

Concen: 18.62 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

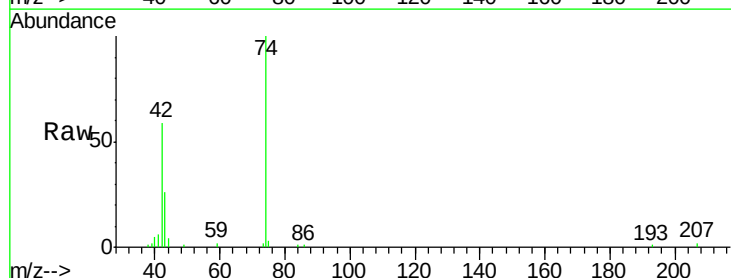
Tgt Ion: 42 Resp: 47114

Ion Ratio Lower Upper

42 100

74 168.4 119.3 178.9

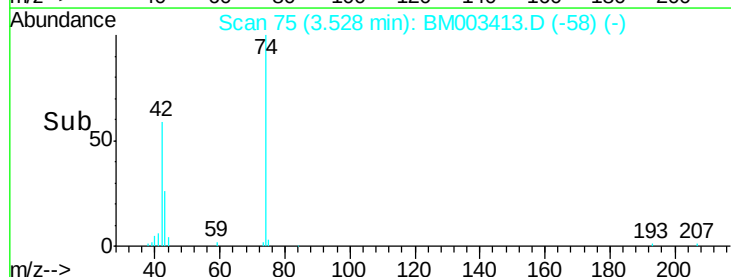
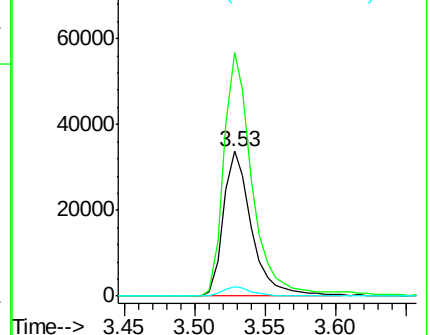
44 6.2 5.4 8.2

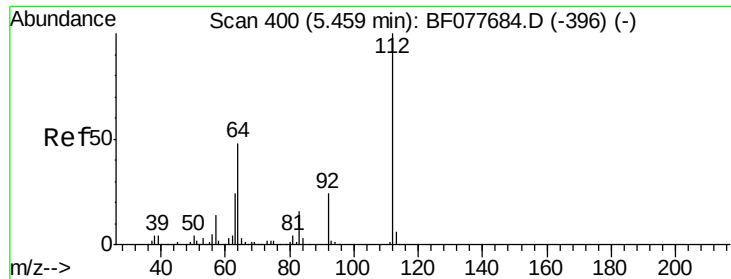


Abundance Ion 42.00 (41.70 to 42.70): BM003413.D (-75) (-)

Ion 74.00 (73.70 to 74.70): BM003413.D (-75) (-)

Ion 44.00 (43.70 to 44.70): BM003413.D (-75) (-)





#5

2-Fluorophenol

Concen: 49.92 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

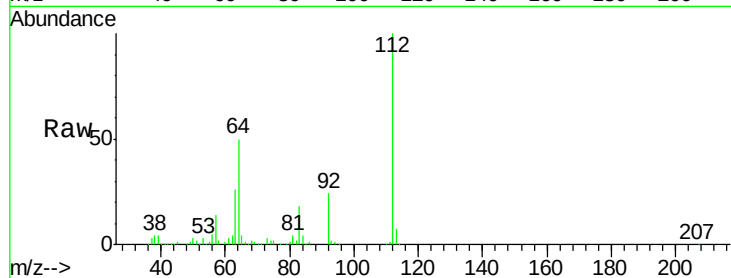
Tot Ion:112 Resp: 252705

Ion Ratio Lower Upper

112 100

64 50.2 38.6 57.8

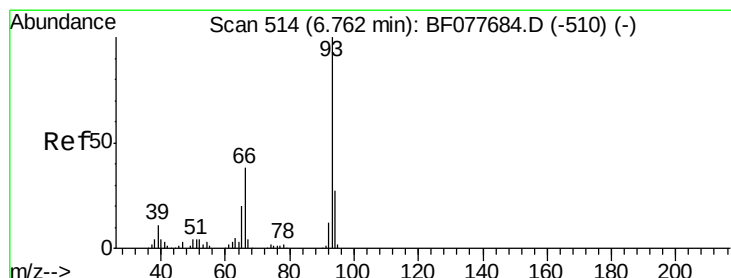
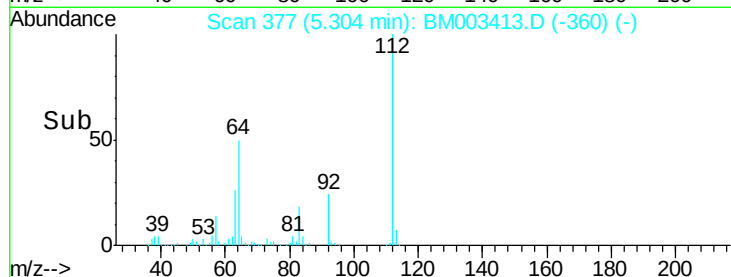
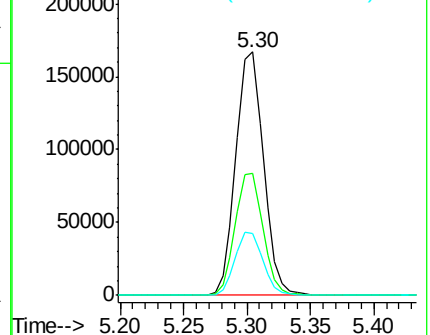
63 25.6 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC



#6

Aniline

Concen: 25.89 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

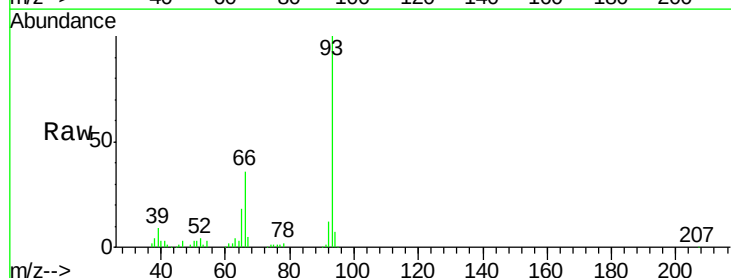
Tgt Ion: 93 Resp: 232161

Ion Ratio Lower Upper

93 100

66 35.5 30.8 46.2

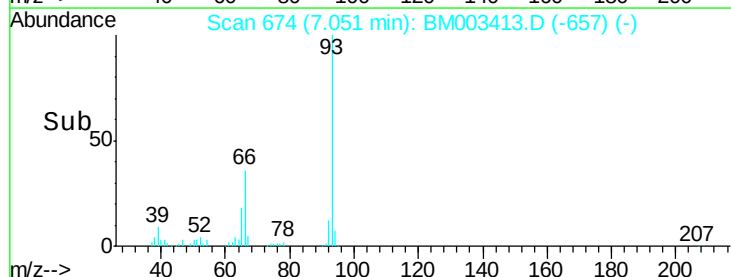
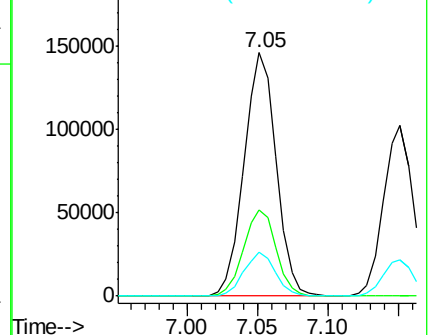
65 18.3 16.0 24.0

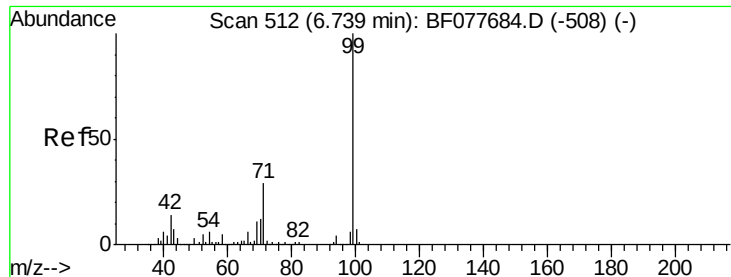


Abundance Ion 93.00 (92.70 to 93.70): BMC

Ion 66.00 (65.70 to 66.70): BMC

Ion 65.00 (64.70 to 65.70): BMC





#7

Phenol-d6

Concen: 56.09 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

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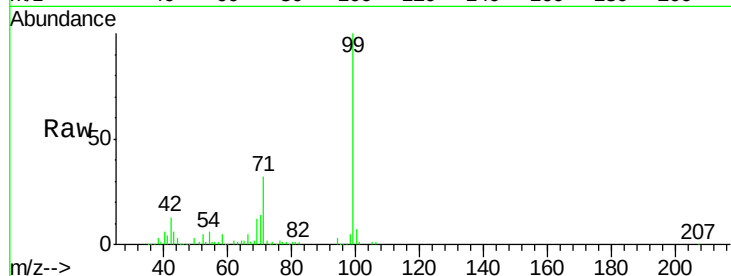
Tot Ion: 99 Resp: 355490

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

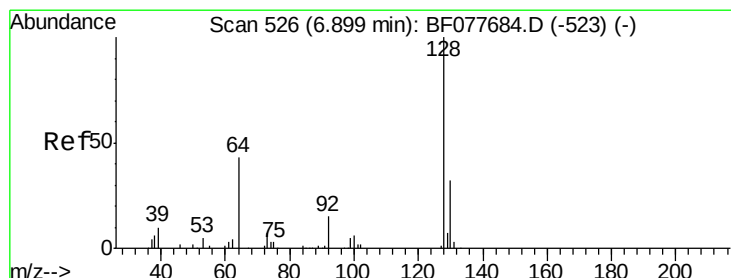
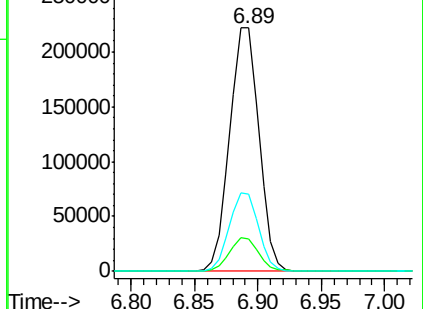
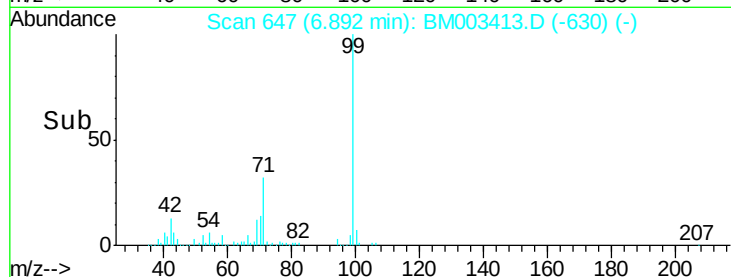
71 31.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003413.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003413.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003413.D (-630) (-)



#8

2-Chlorophenol

Concen: 26.14 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

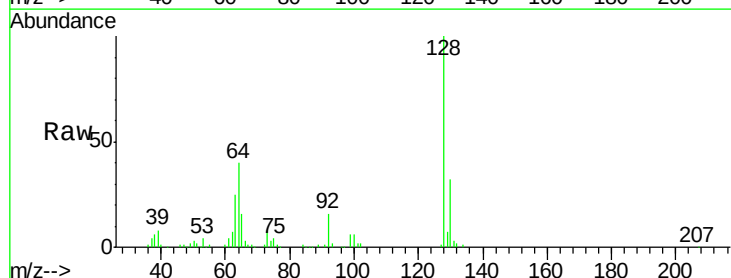
Tgt Ion: 128 Resp: 158831

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

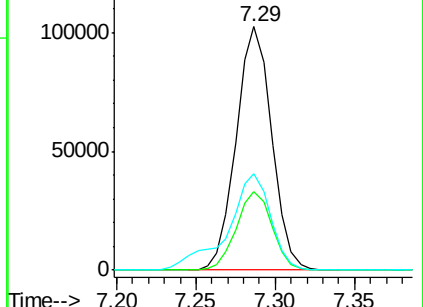
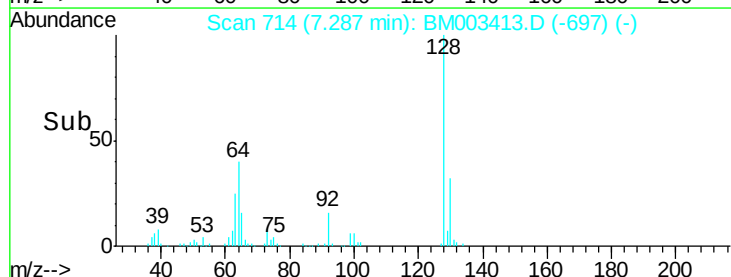
64 39.7 24.9 64.9

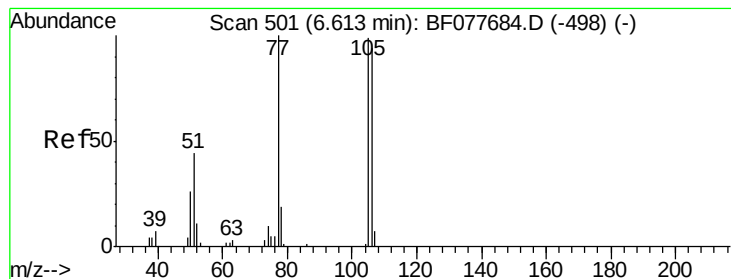


Abundance Ion 128.00 (127.70 to 128.70): BM003413.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003413.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003413.D (-697) (-)





#9

Benzaldehyde

Concen: 34.53 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.00 min

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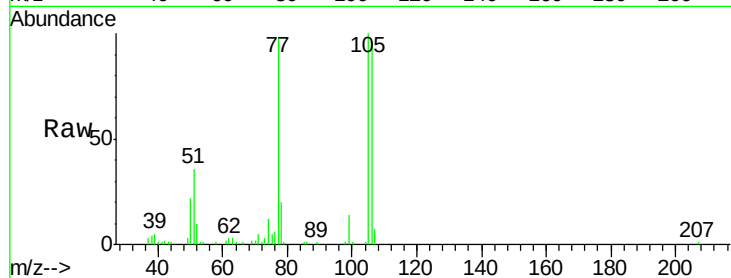
Tot Ion: 77 Resp: 93446

Ion Ratio Lower Upper

77 100

105 102.0 78.8 118.8

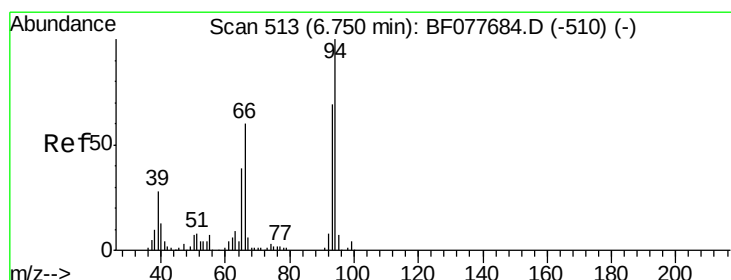
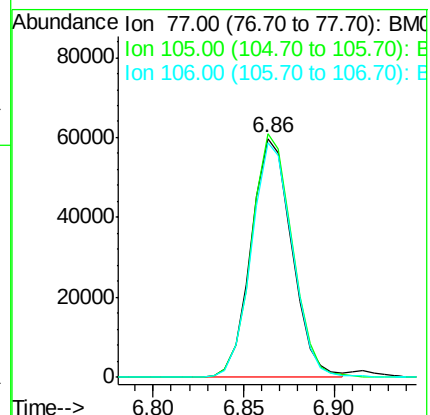
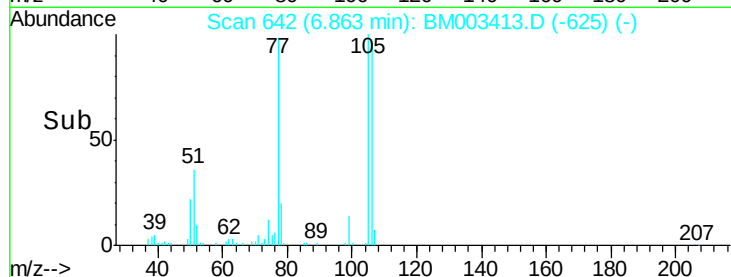
106 98.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM003413.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM003413.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM003413.D (-625) (-)



#10

Phenol

Concen: 25.23 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

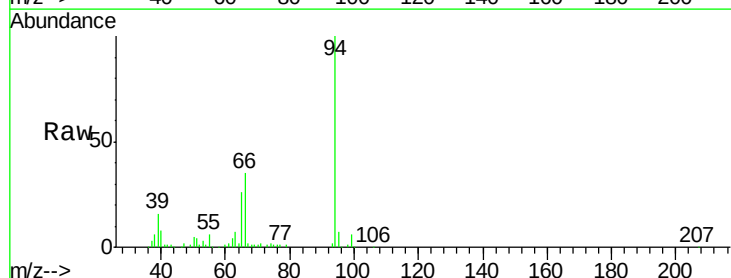
Tgt Ion: 94 Resp: 186253

Ion Ratio Lower Upper

94 100

65 25.6 18.8 58.8

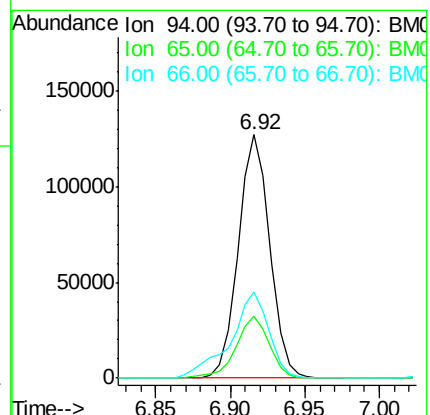
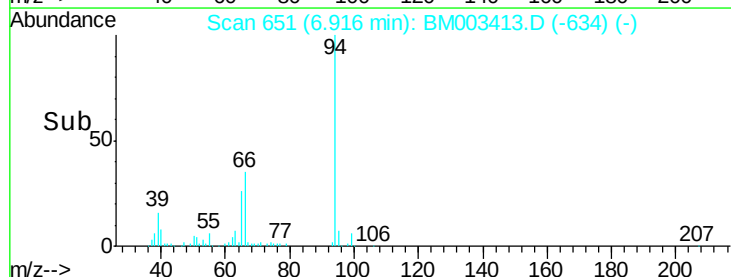
66 35.2 39.9 79.9#

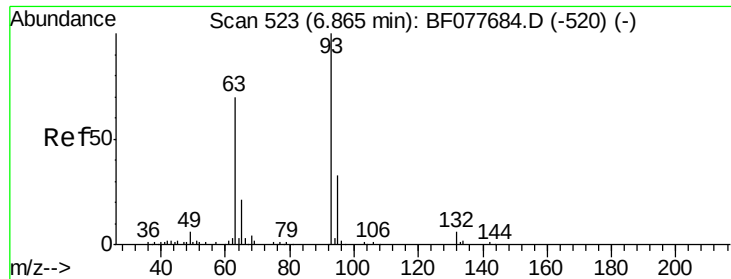


Abundance Ion 94.00 (93.70 to 94.70): BM003413.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM003413.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM003413.D (-634) (-)





#11

bis(2-Chloroethyl)ether

Concen: 26.85 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

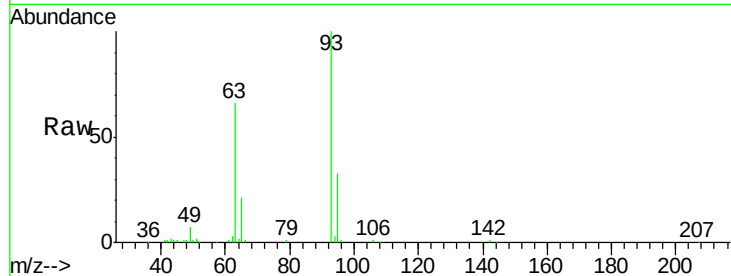
Tot Ion: 93 Resp: 149765

Ion Ratio Lower Upper

93 100

63 66.1 49.5 89.5

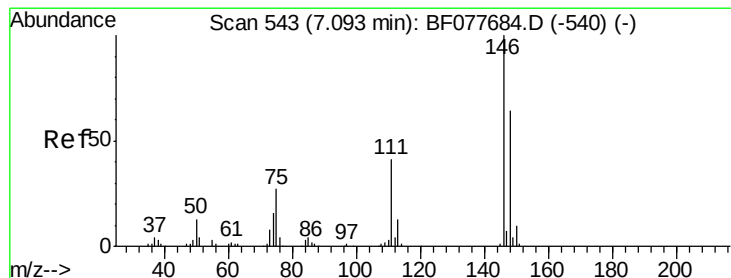
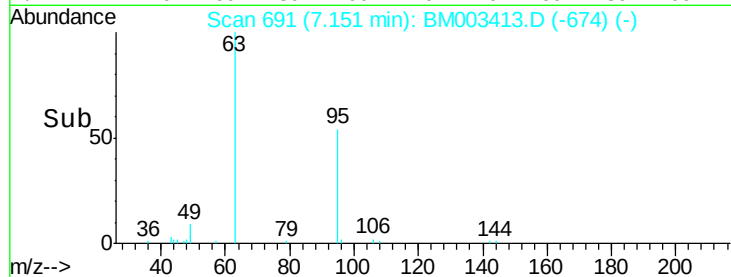
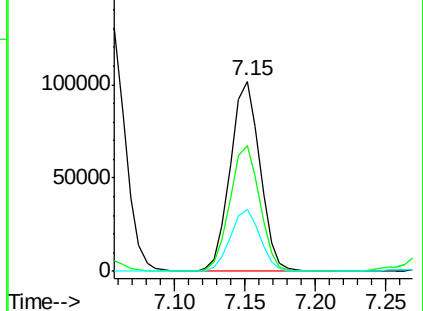
95 32.5 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BMC

Ion 63.00 (62.70 to 63.70): BMC

Ion 95.00 (94.70 to 95.70): BMC



#12

1,3-Dichlorobenzene

Concen: 25.67 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

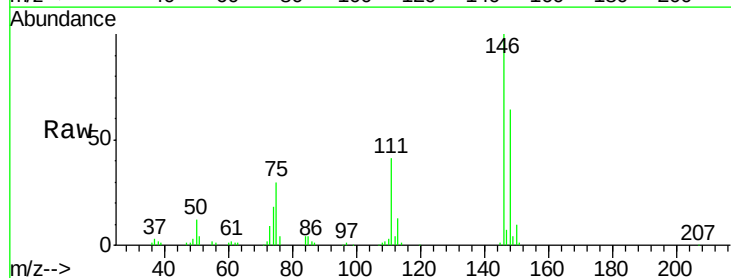
Tgt Ion: 146 Resp: 172926

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

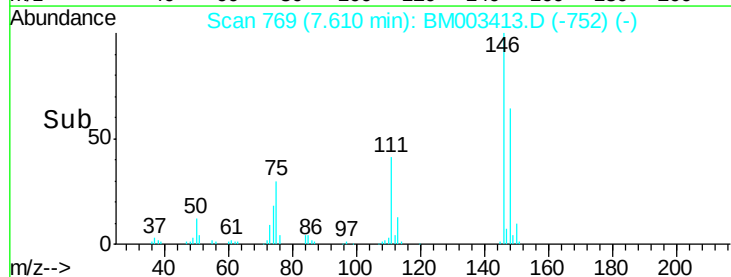
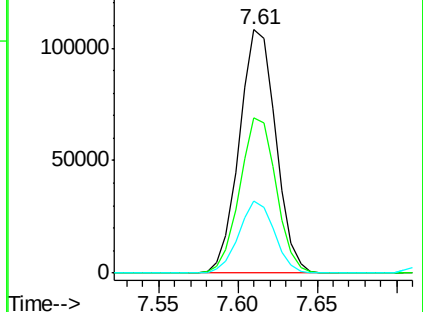
75 29.5 21.4 32.2

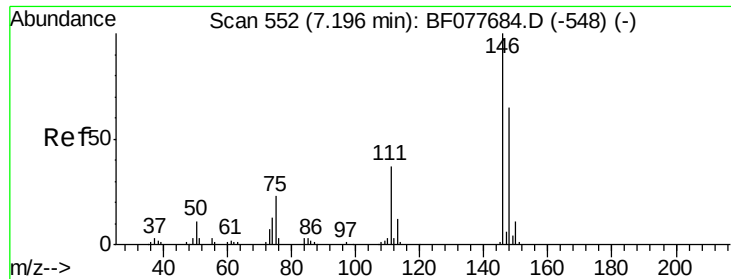


Abundance Ion 146.00 (145.70 to 146.70): BMC

Ion 148.00 (147.70 to 148.70): BMC

Ion 75.00 (74.70 to 75.70): BMC

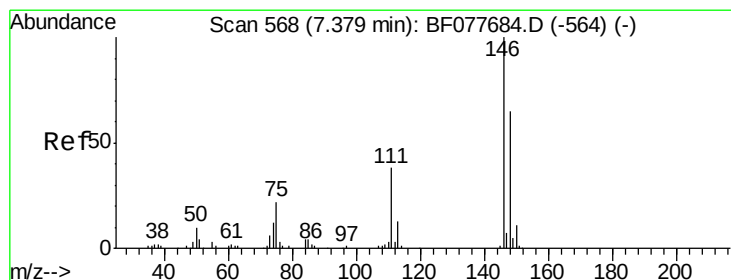
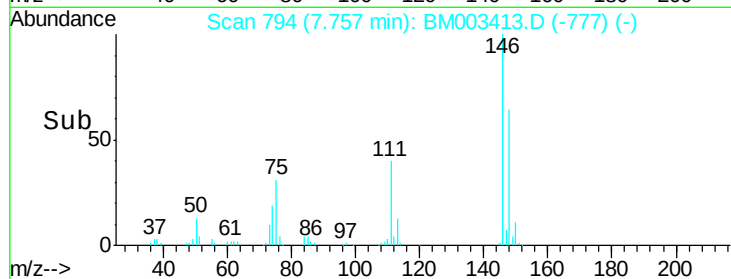
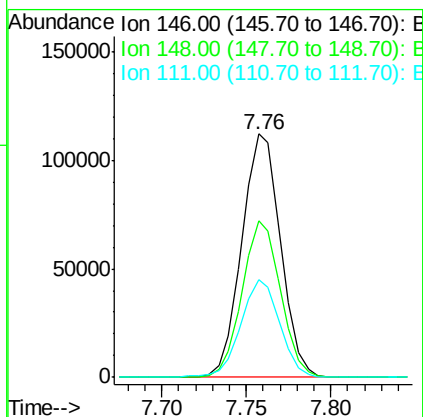
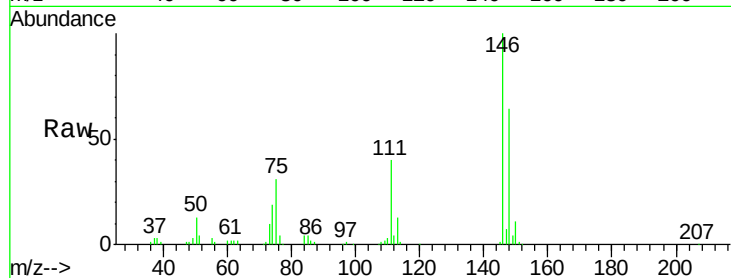




#13
 1,4-Dichlorobenzene
 Concen: 25.48 ng
 RT: 7.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

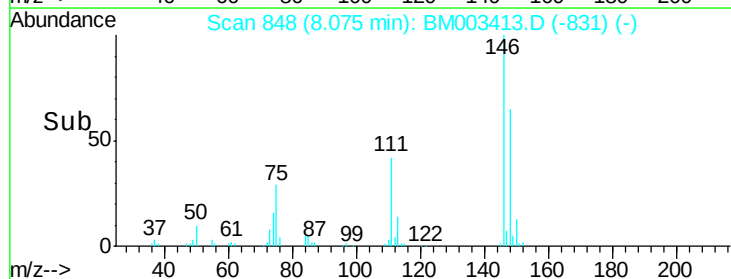
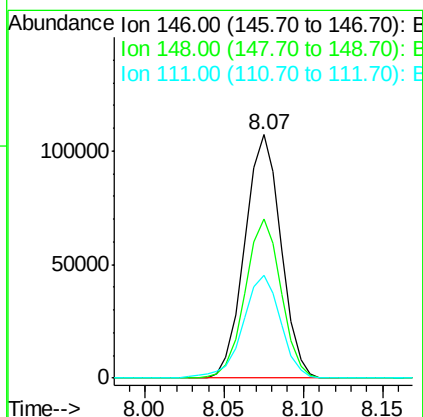
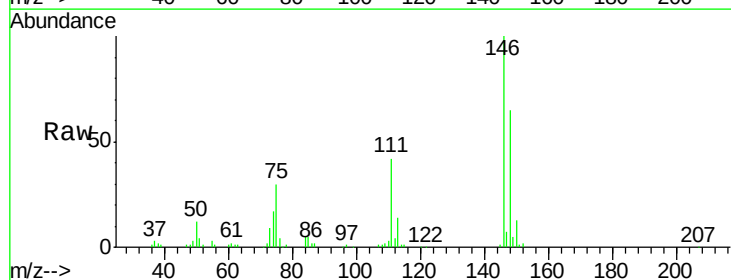
Instrument :
 BNA_M
 ClientSampleId :

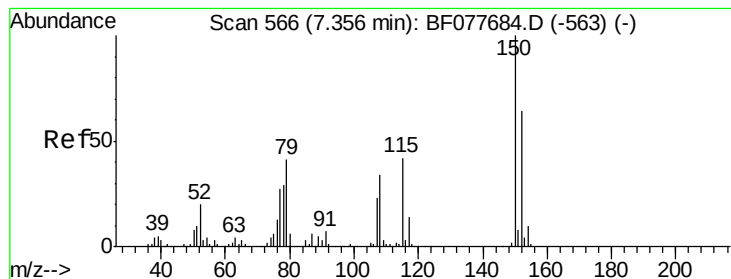
Tot Ion:146 Resp: 178495
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 40.4 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 26.30 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion:146 Resp: 169606
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 42.2 30.6 45.8





#15

Benzyl Alcohol

Concen: 25.09 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampled :

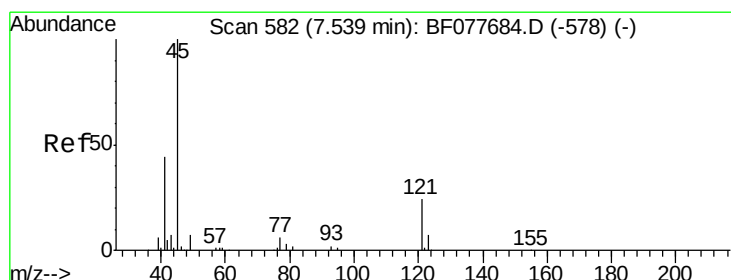
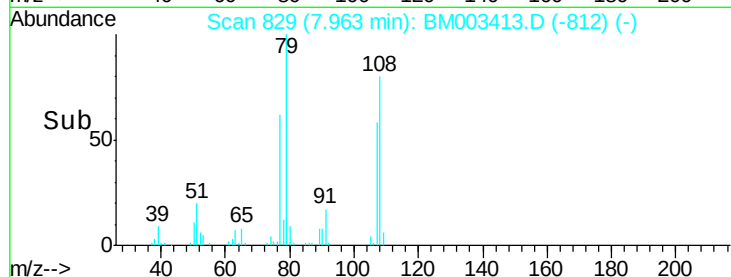
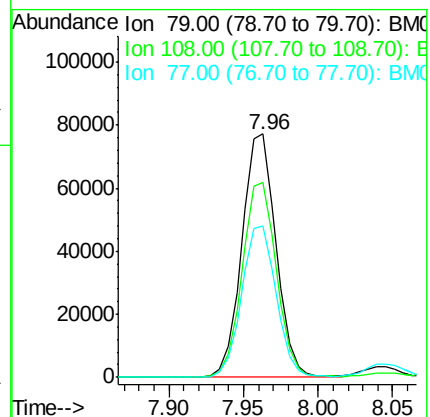
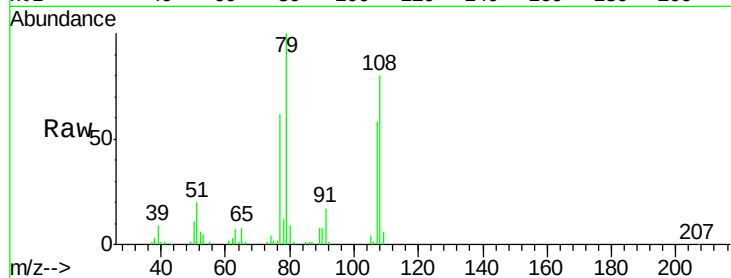
Tot Ion: 79 Resp: 122310

Ion Ratio Lower Upper

79 100

108 80.2 65.0 97.4

77 62.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.00 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

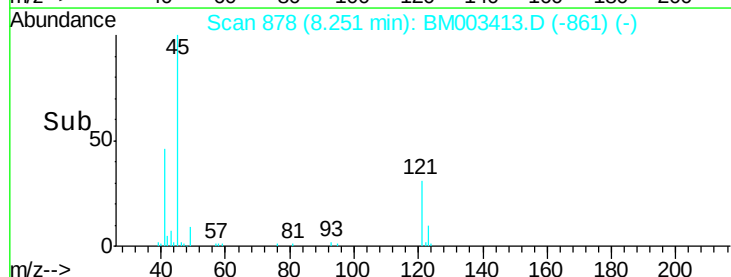
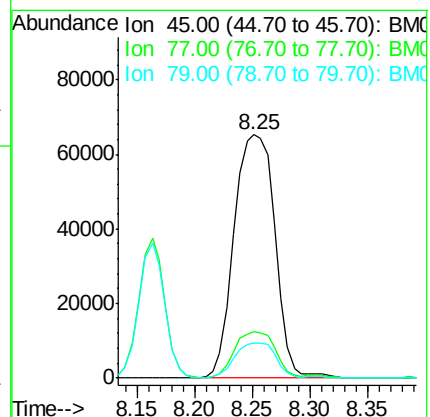
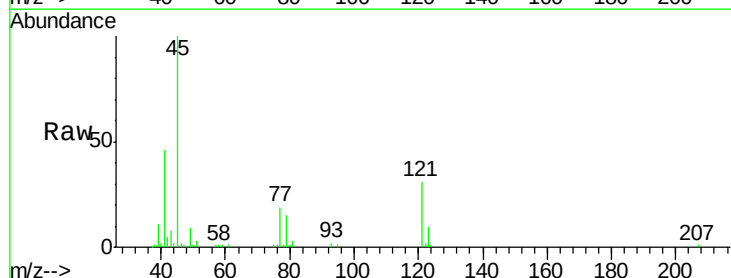
Tgt Ion: 45 Resp: 160334

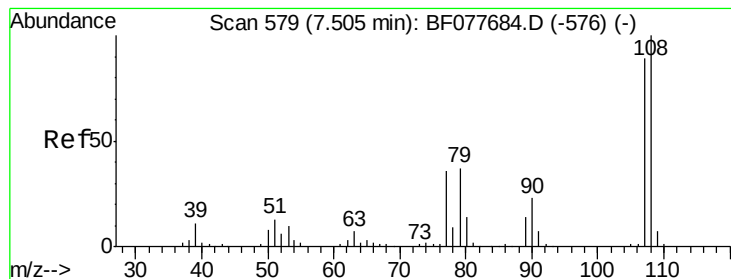
Ion Ratio Lower Upper

45 100

77 18.9 0.0 35.2

79 14.6 0.0 32.0





#17

2-Methylphenol

Concen: 26.76 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 131867

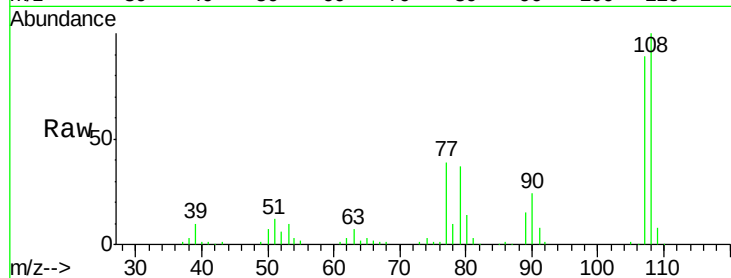
Ion Ratio Lower Upper

107 100

108 112.7 89.8 134.8

77 44.1 32.6 48.8

79 42.2 32.8 49.2

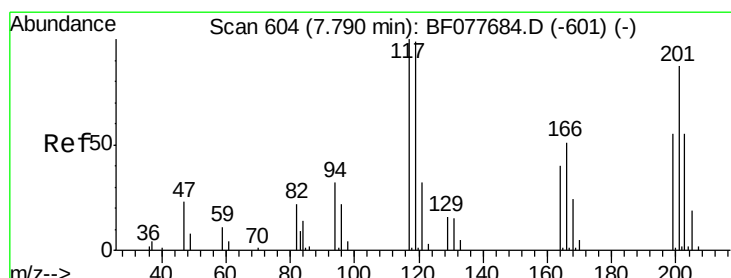
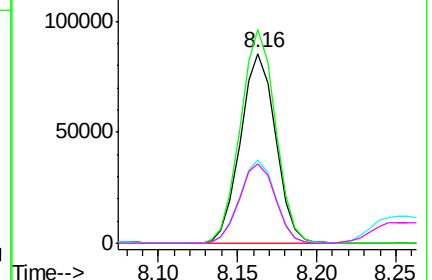
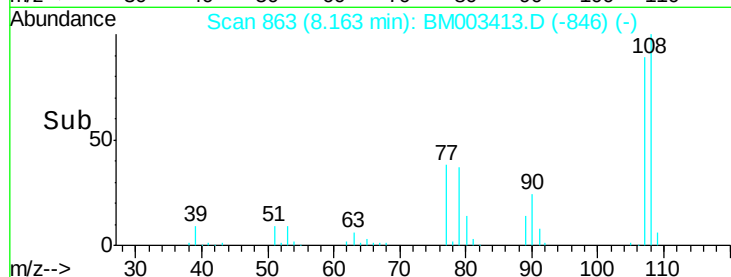


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.37 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

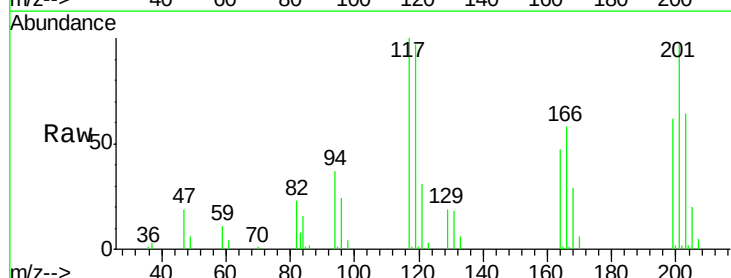
Tgt Ion:117 Resp: 61218

Ion Ratio Lower Upper

117 100

119 96.9 79.2 118.8

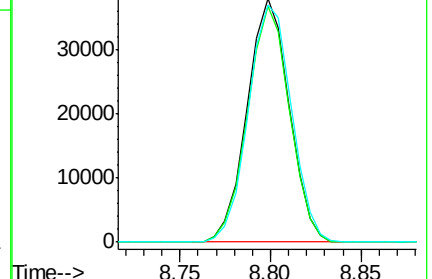
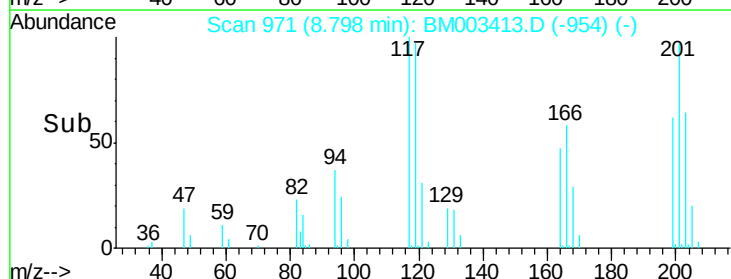
201 97.4 69.8 104.6

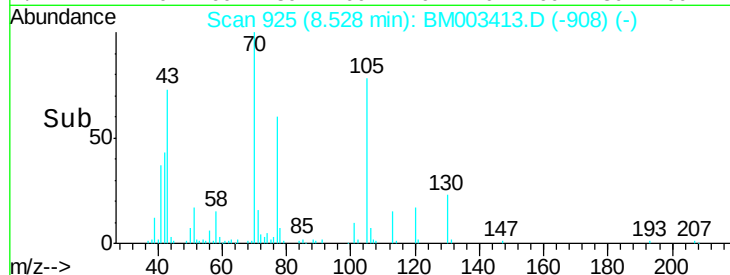
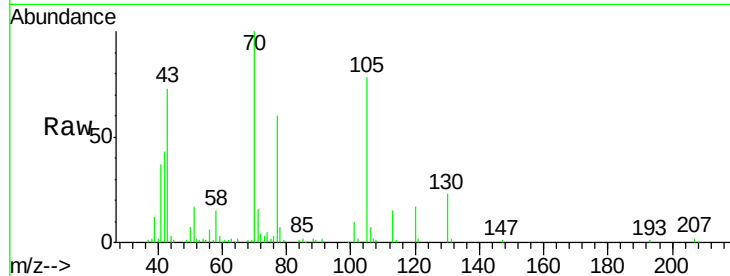
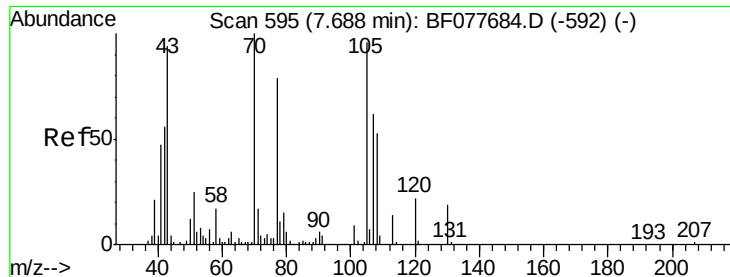


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

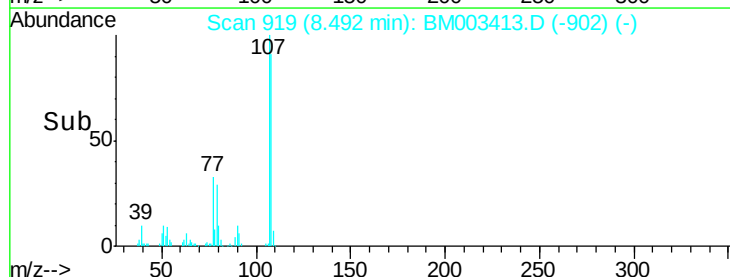
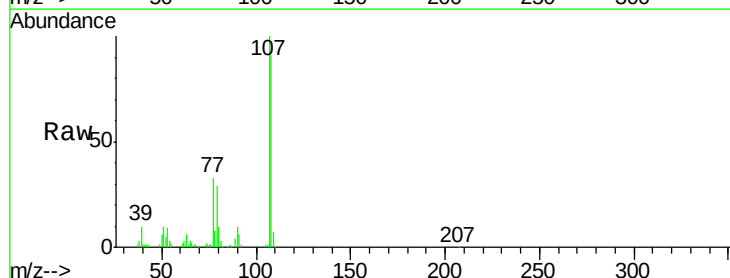
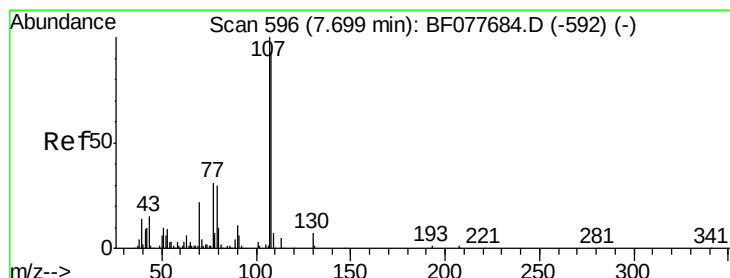
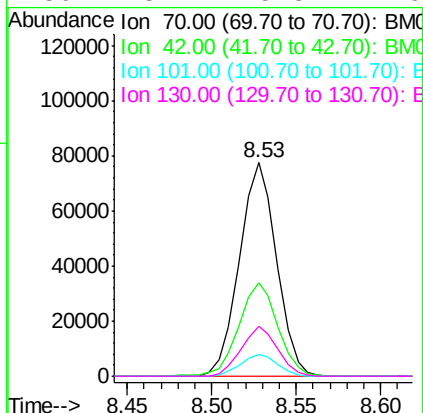




#19
n-Nitroso-di-n-propylamine
Concen: 27.11 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

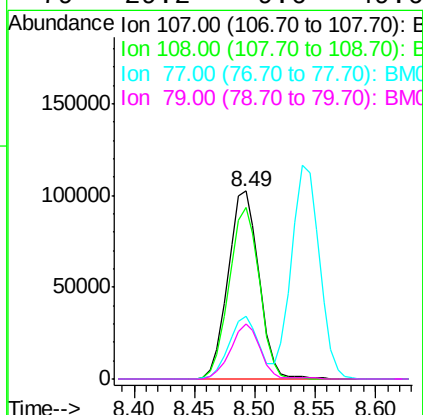
Instrument :
BNA_M
ClientSampleId :

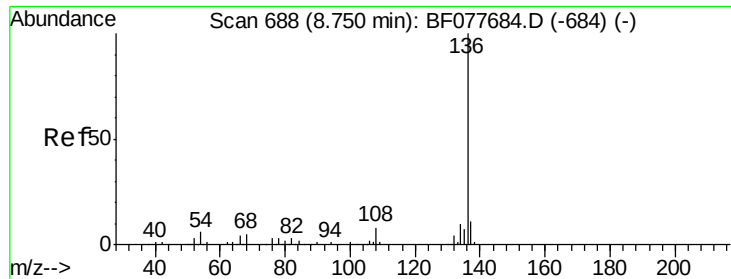
Tot Ion: 70 Resp: 118528
Ion Ratio Lower Upper
70 100
42 43.5 44.5 66.7#
101 10.5 7.4 11.2
130 23.4 15.3 22.9#



#20
3+4-Methylphenols
Concen: 27.85 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion:107 Resp: 182319
Ion Ratio Lower Upper
107 100
108 91.4 73.2 113.2
77 33.2 10.7 50.7
79 29.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 400402

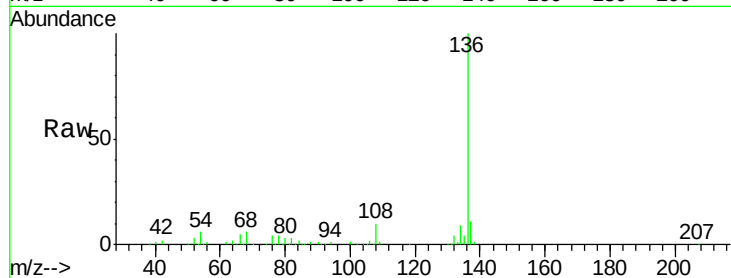
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.6 4.6 6.8

68 5.6 3.7 5.5#

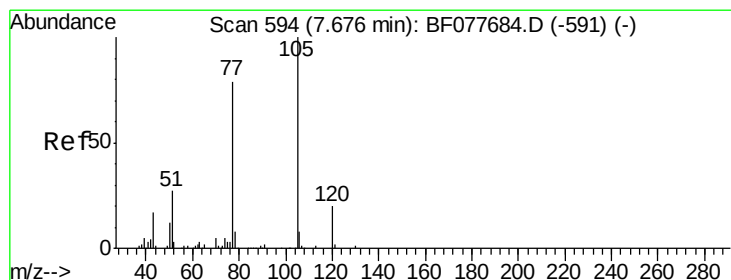
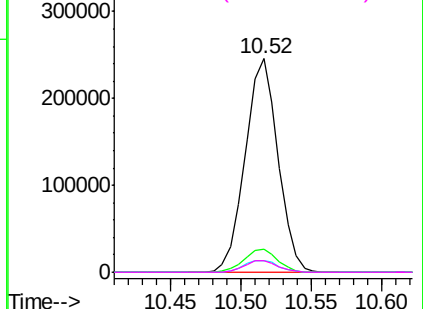
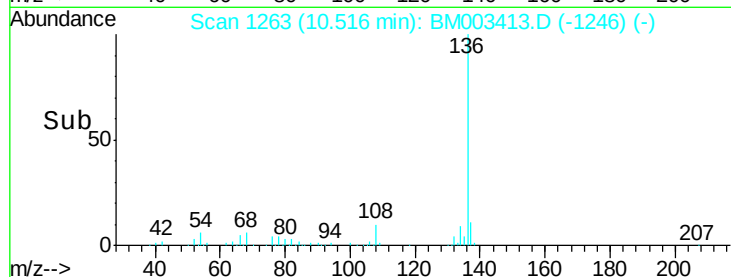


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 27.84 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Tgt Ion:105 Resp: 252749

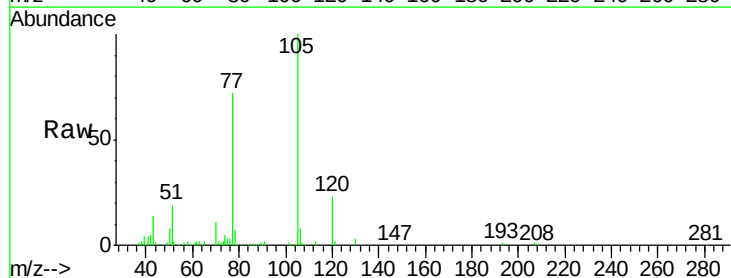
Ion Ratio Lower Upper

105 100

71 1.7 0.6 1.0#

51 19.4 21.6 32.4#

120 22.8 16.1 24.1

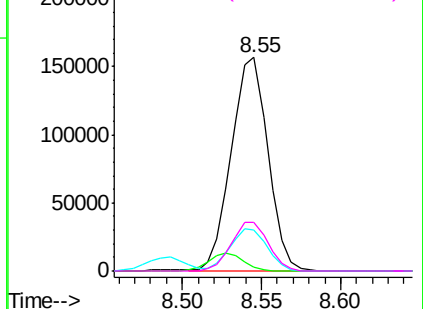
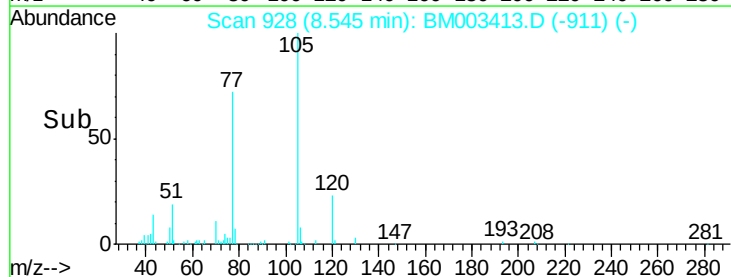


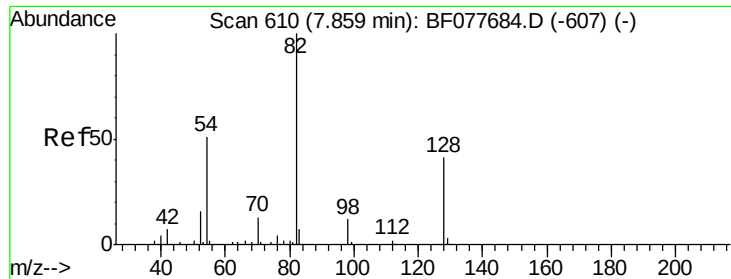
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

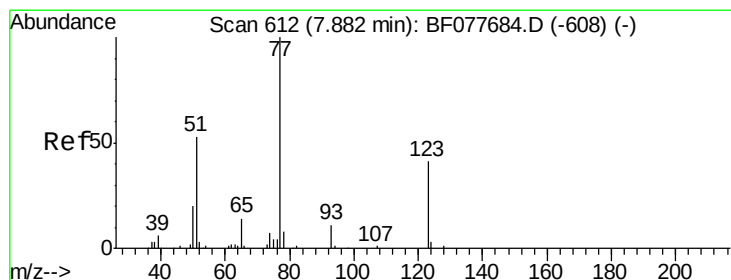
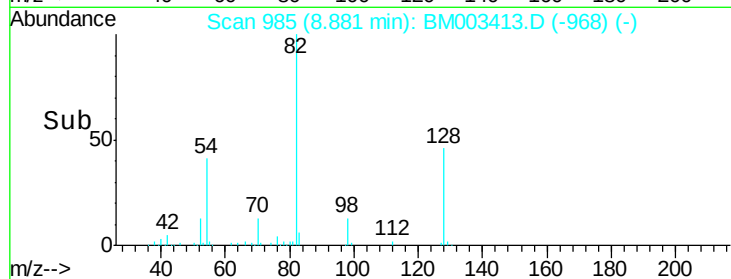
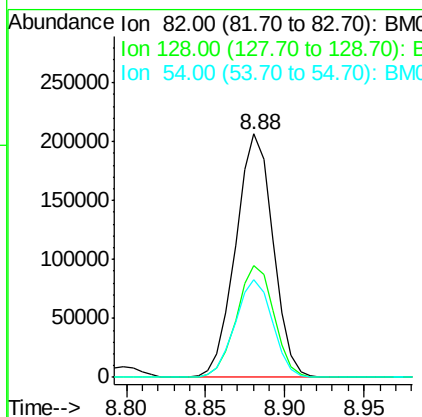
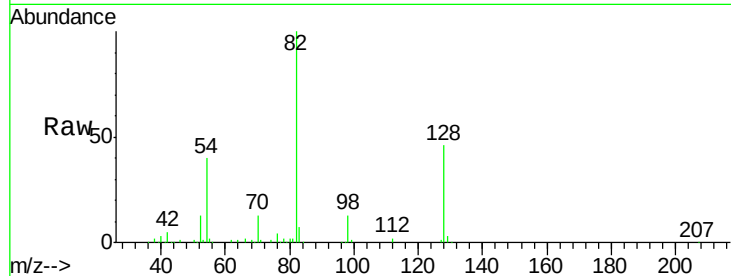




#23
 Nitrobenzene-d5
 Concen: 54.10 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

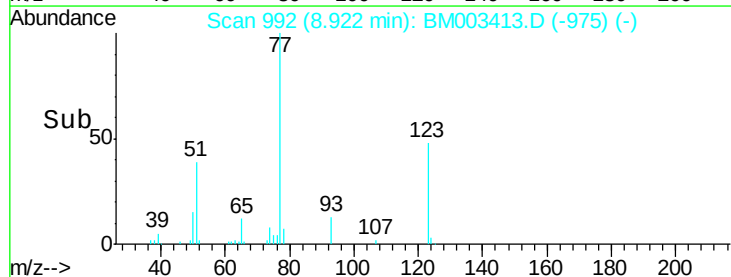
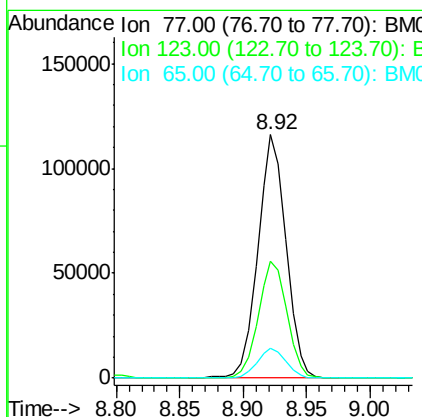
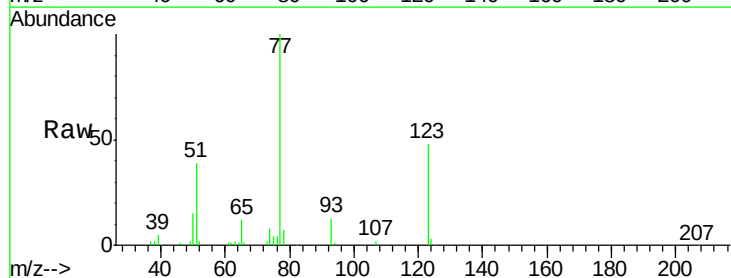
Instrument :
 BNA_M
 ClientSampleId :

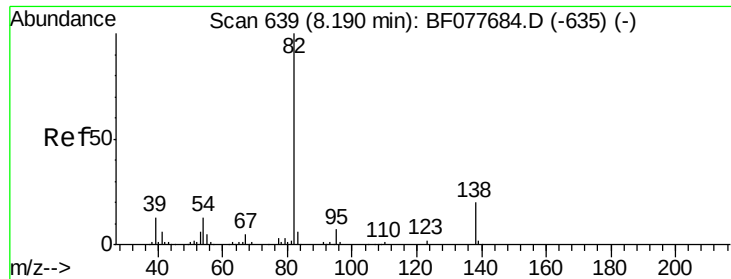
Tot Ion	82	Resp	337903
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.8	49.2
54	40.1	40.6	60.8#



#24
 Nitrobenzene
 Concen: 26.68 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	77	Resp	179721
Ion Ratio	Lower	Upper	
77	100		
123	48.0	32.6	49.0
65	12.1	10.9	16.3





#25

Isophorone

Concen: 27.34 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

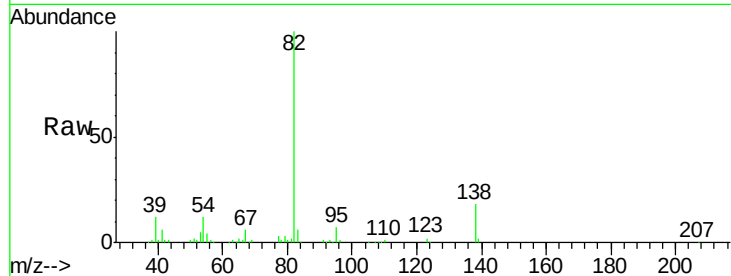
Tot Ion: 82 Resp: 343684

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

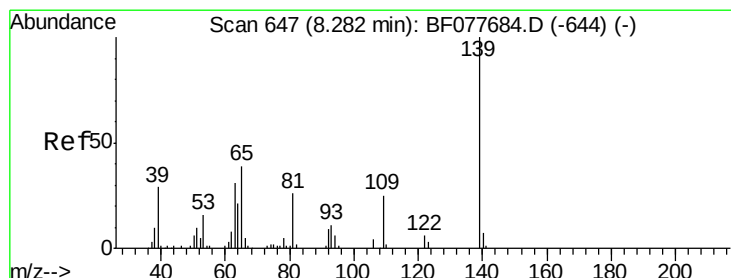
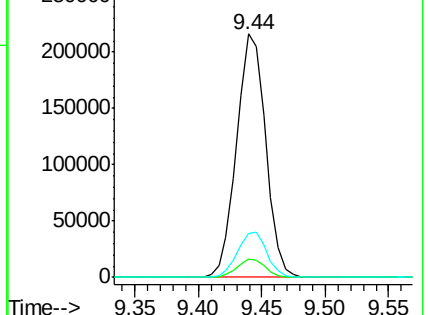
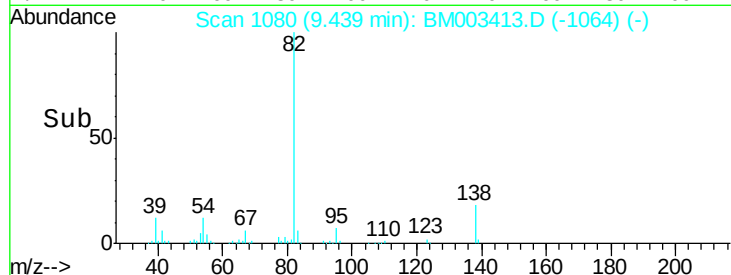
138 18.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM003413.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM003413.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM003413.D (-1064) (-)



#26

2-Nitrophenol

Concen: 26.99 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

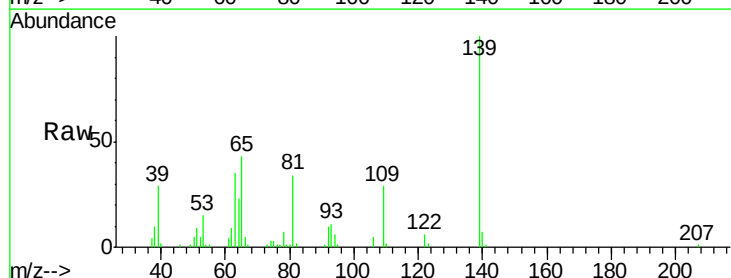
Tgt Ion: 139 Resp: 87892

Ion Ratio Lower Upper

139 100

109 28.6 20.1 30.1

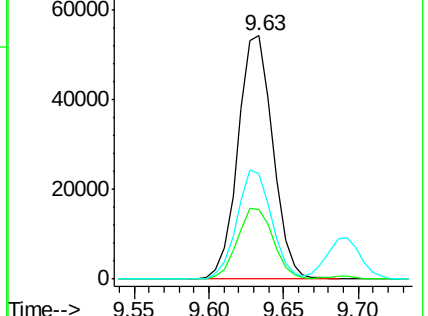
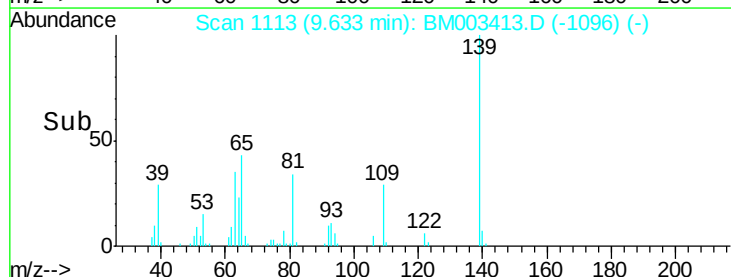
65 43.0 31.5 47.3

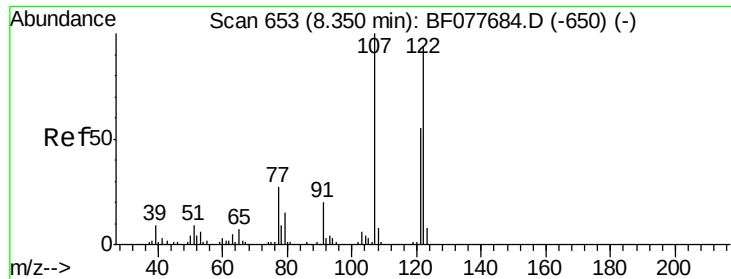


Abundance Ion 139.00 (138.70 to 139.70): BM003413.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM003413.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM003413.D (-1096) (-)

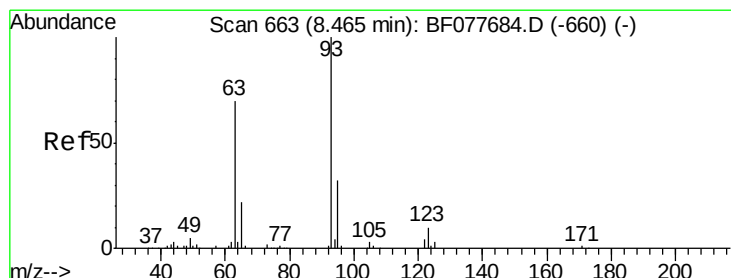
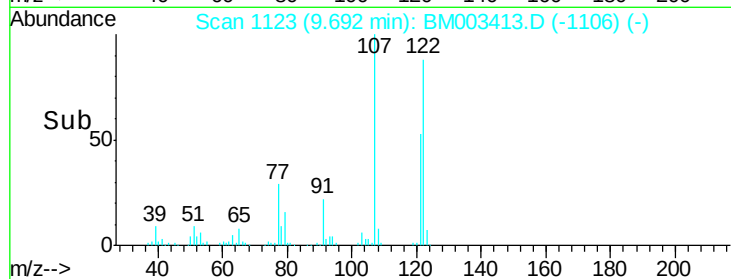
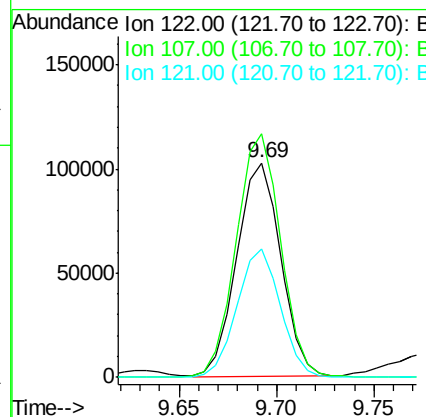
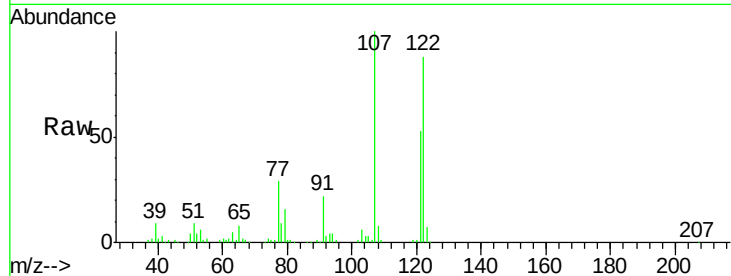




#27
 2,4-Dimethylphenol
 Concen: 26.98 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

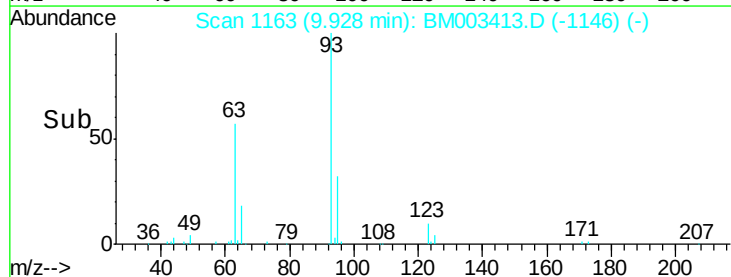
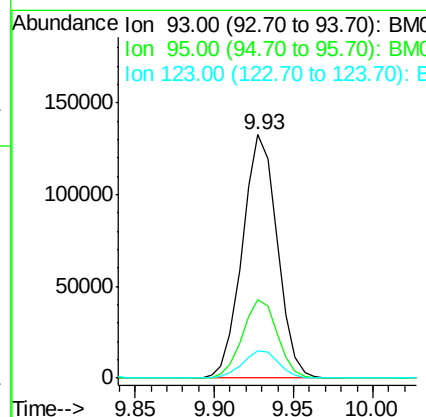
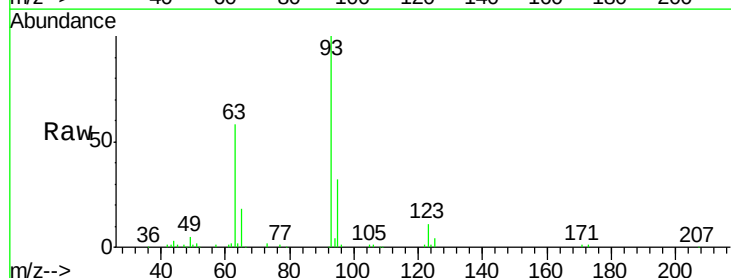
Instrument :
 BNA_M
 ClientSampleId :

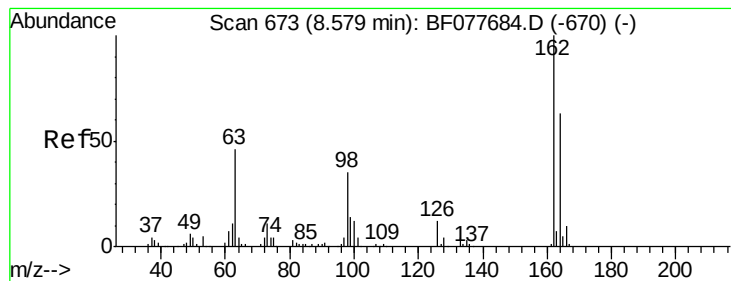
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	84.7	127.1
121	59.9	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.66 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 27.06 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

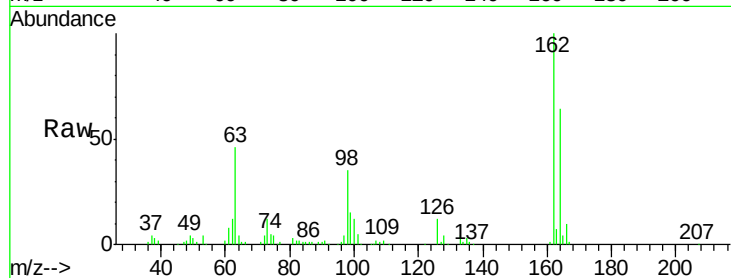
Tot Ion:162 Resp: 153672

Ion Ratio Lower Upper

162 100

164 63.7 42.8 82.8

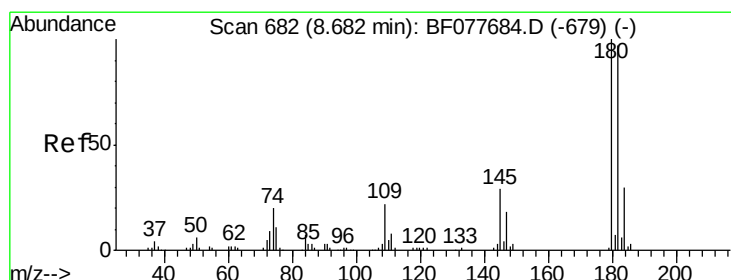
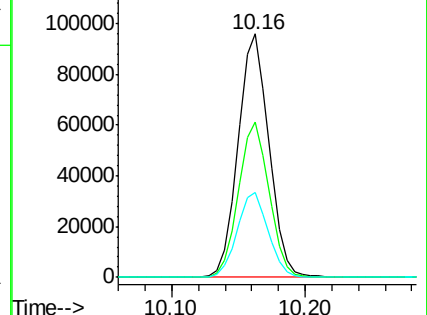
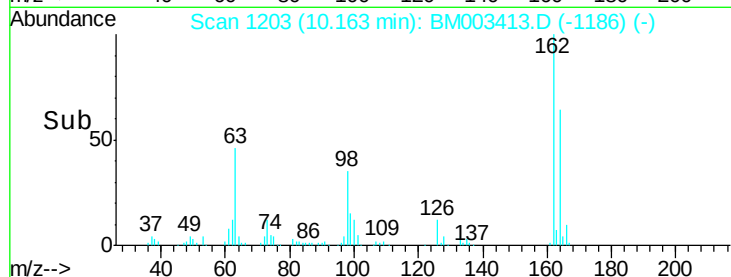
98 34.7 14.5 54.5



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: 26.15 ng

RT: 10.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

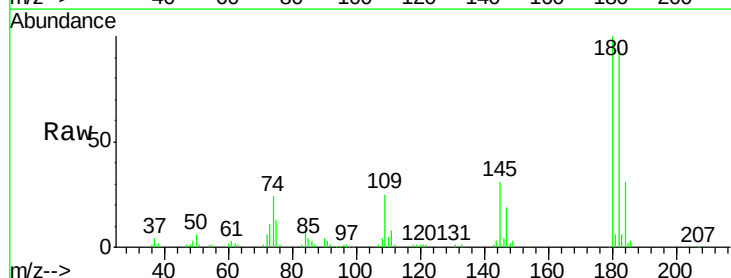
Tgt Ion:180 Resp: 165702

Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

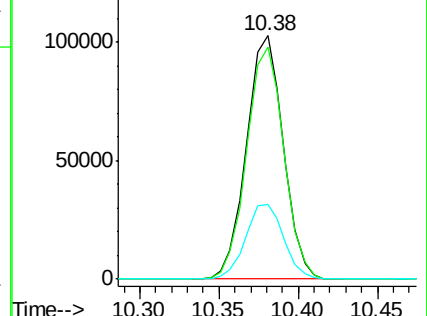
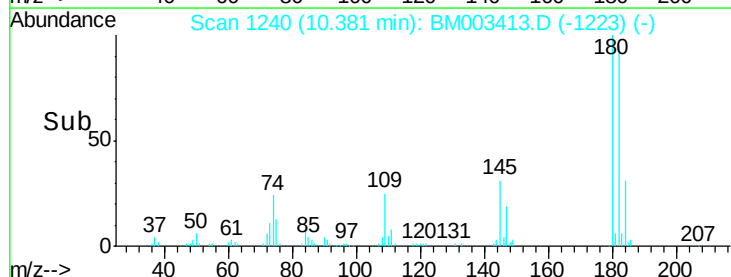
145 30.8 23.4 35.2

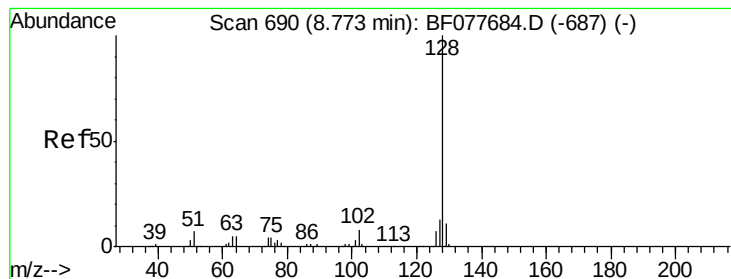


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.58 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

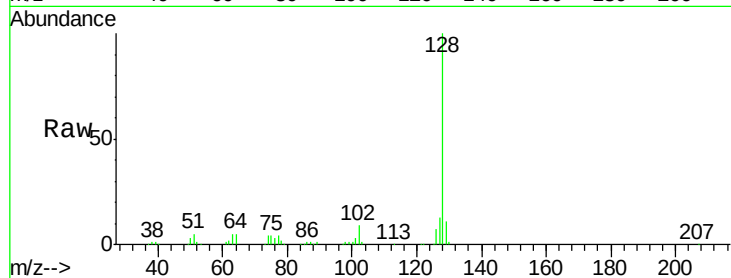
Tot Ion:128 Resp: 530639

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

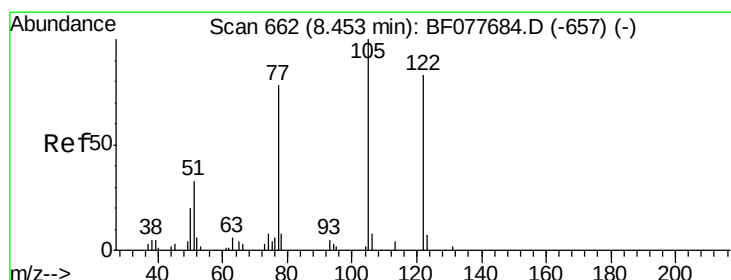
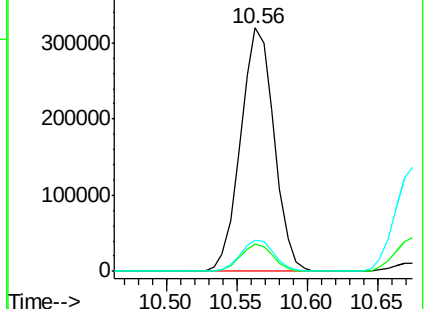
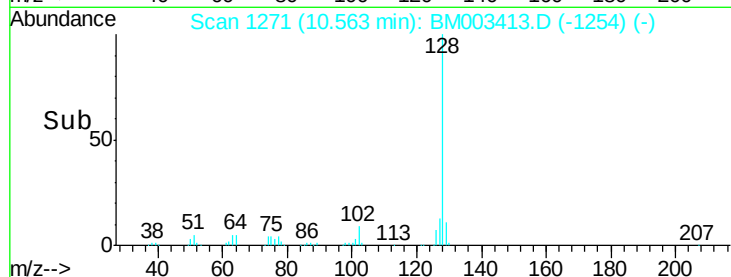
127 13.0 10.4 15.6



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



#32

Benzoic acid

Concen: 31.17 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

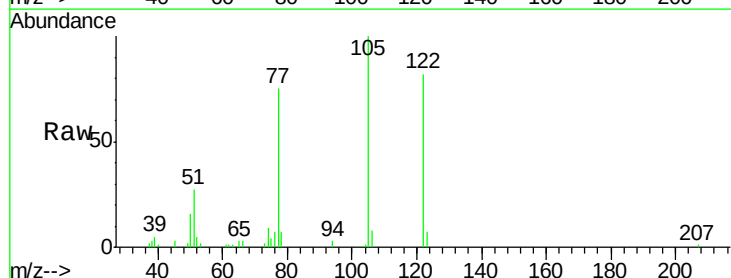
Tgt Ion:122 Resp: 91524

Ion Ratio Lower Upper

122 100

105 121.4 99.9 139.9

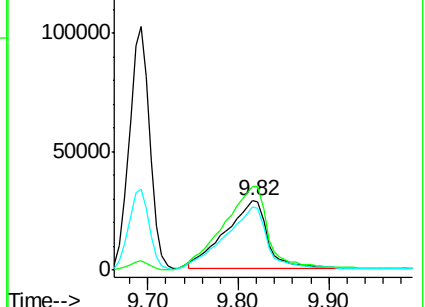
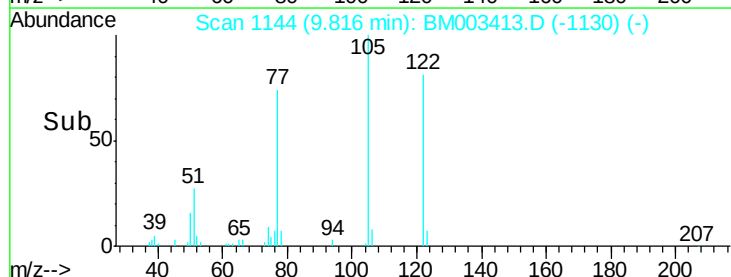
77 90.8 73.7 113.7

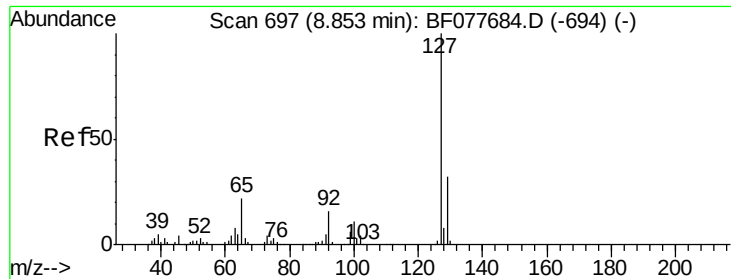


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

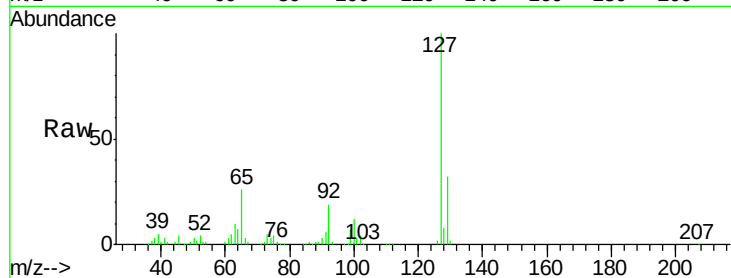




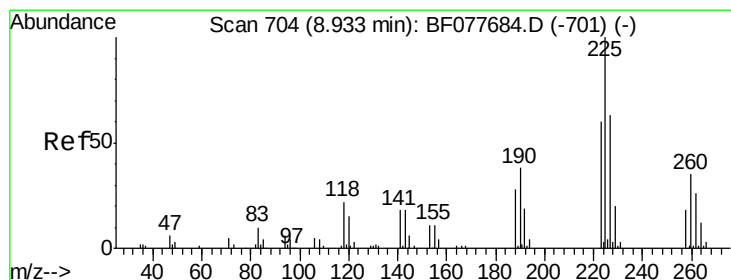
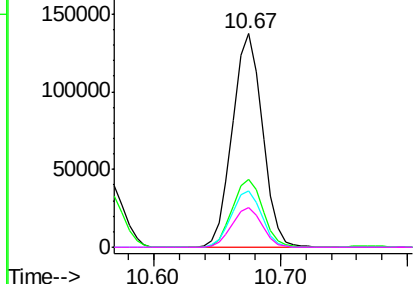
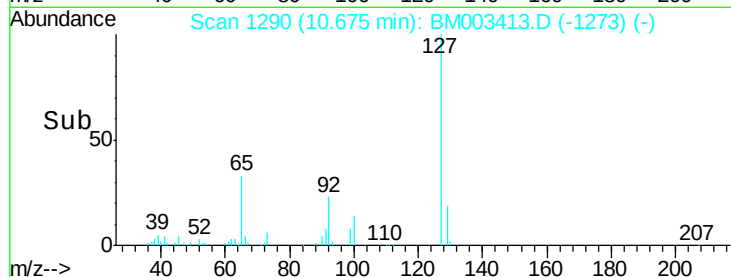
#33
4-Chloroaniline
Concen: 26.86 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	225964
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	26.3	17.6	26.4
92	18.8	13.1	19.7

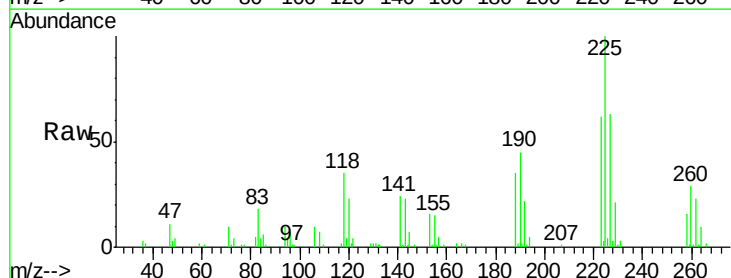


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

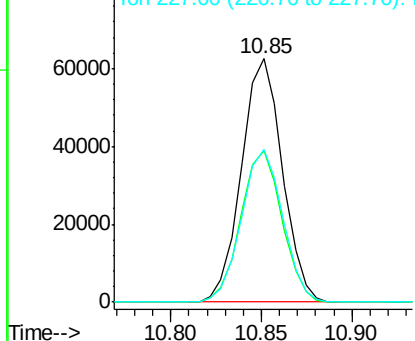
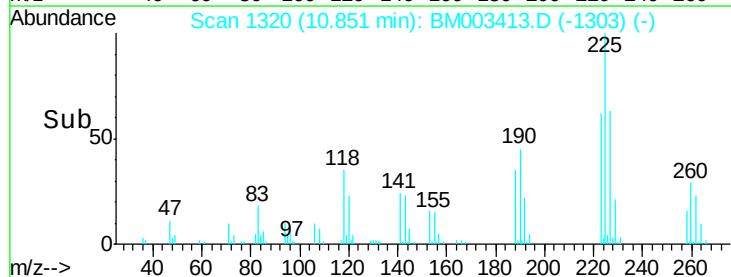


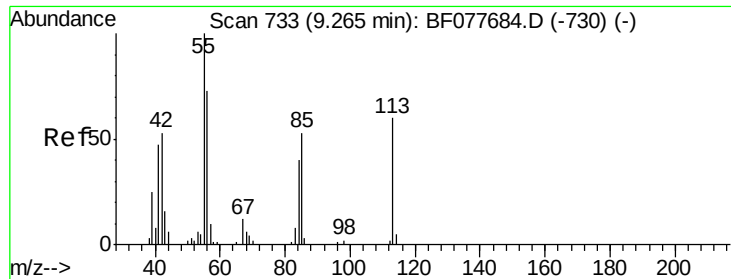
#34
Hexachlorobutadiene
Concen: 27.07 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion:	225	Resp:	98131
Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.9	71.9
227	63.0	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

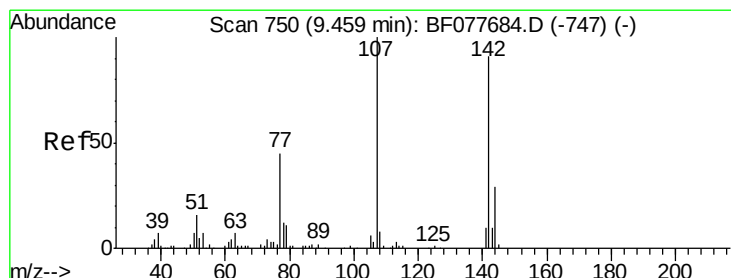
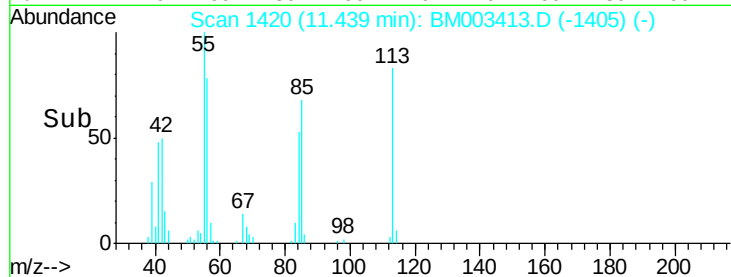
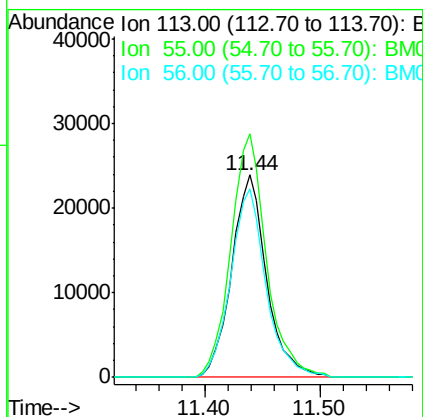
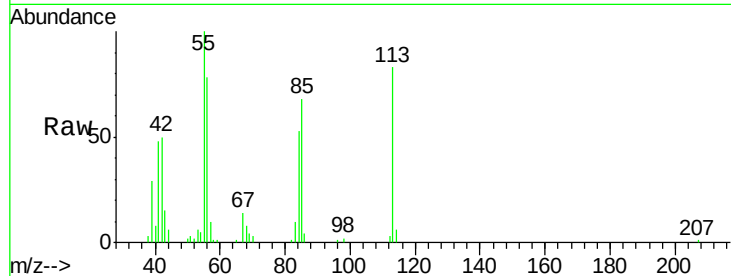




#35
 Caprolactam
 Concen: 29.89 ng
 RT: 11.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

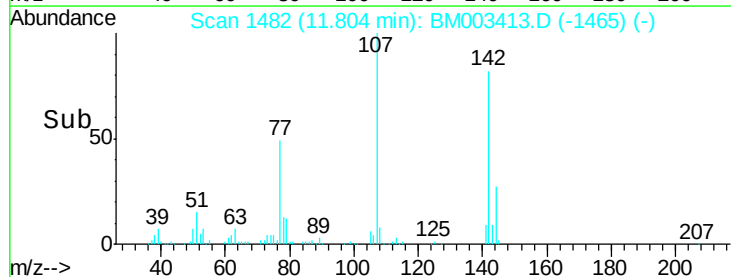
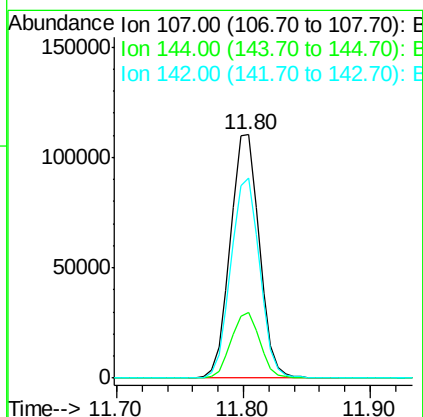
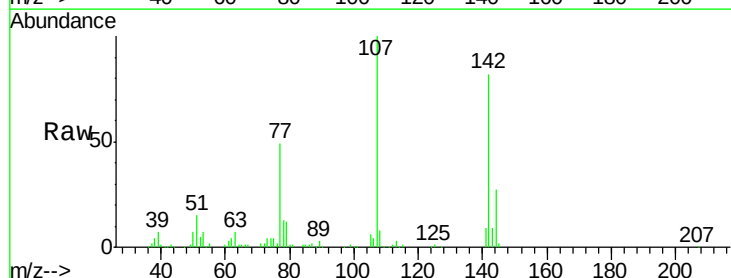
Instrument :
 BNA_M
 ClientSampleId :

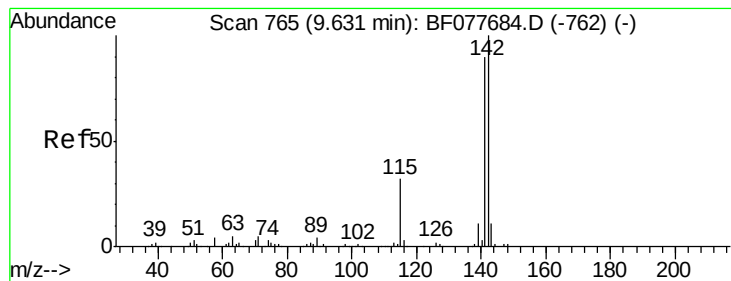
Tot Ion:113 Resp: 50093
 Ion Ratio Lower Upper
 113 100
 55 120.2 145.9 185.9#
 56 93.3 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 29.93 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion:107 Resp: 174586
 Ion Ratio Lower Upper
 107 100
 144 26.9 23.3 34.9
 142 82.1 72.6 109.0





#37

2-Methylnaphthalene

Concen: 26.50 ng

RT: 12.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

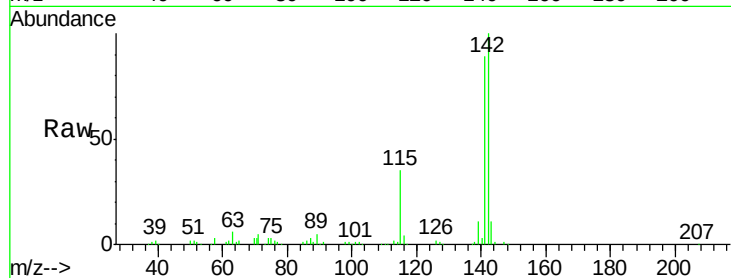
Tot Ion:142 Resp: 369032

Ion Ratio Lower Upper

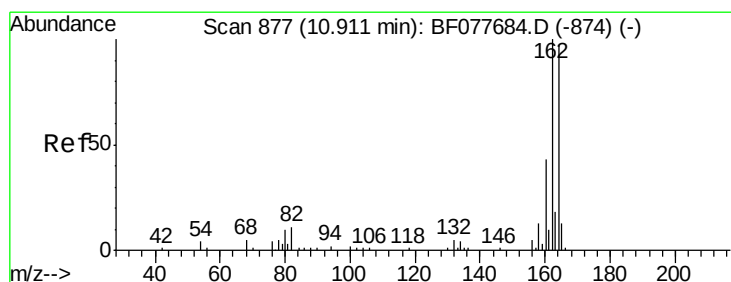
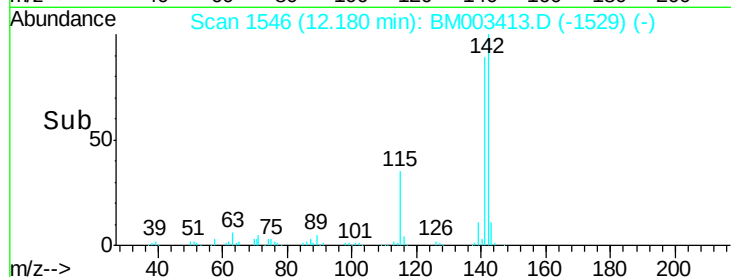
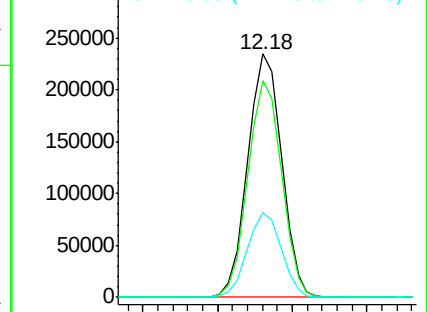
142 100

141 89.3 71.9 107.9

115 35.1 25.4 38.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

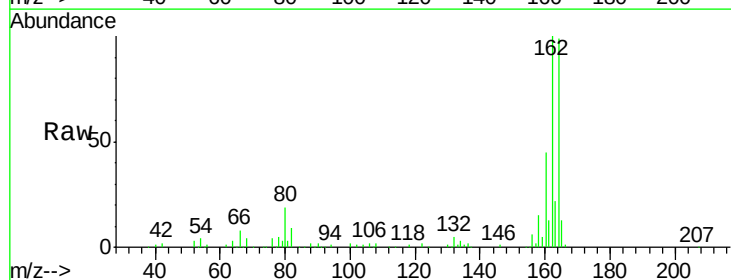
Tgt Ion:164 Resp: 231020

Ion Ratio Lower Upper

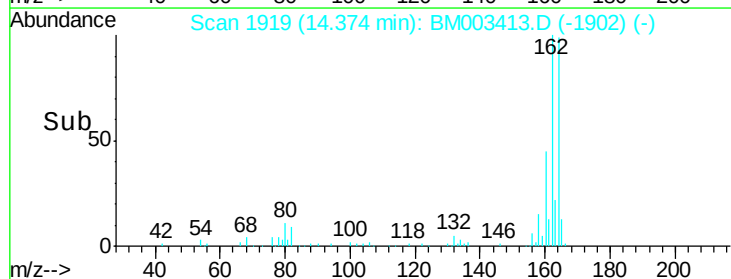
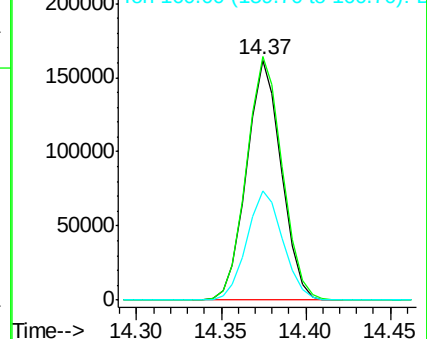
164 100

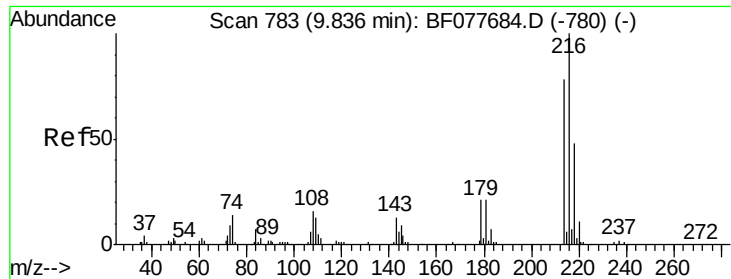
162 101.4 82.4 123.6

160 45.4 35.8 53.6



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

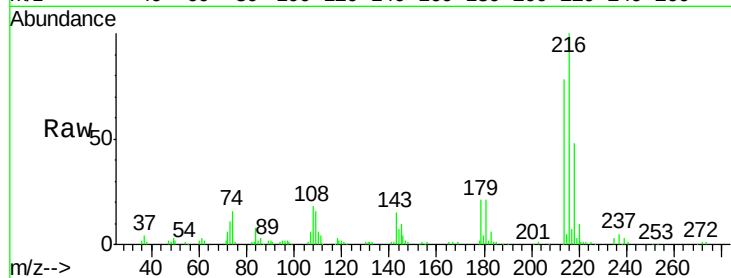




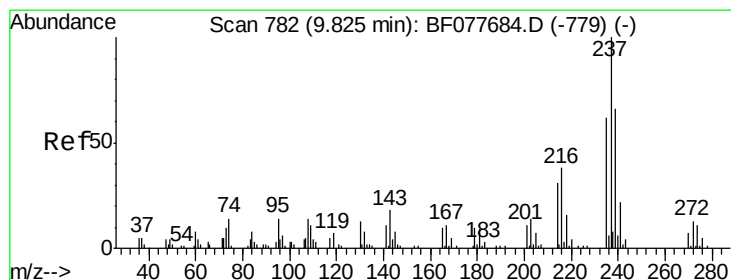
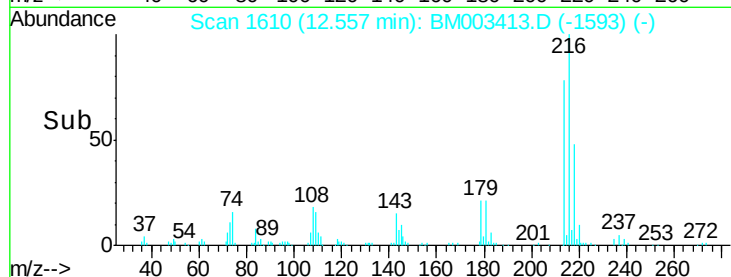
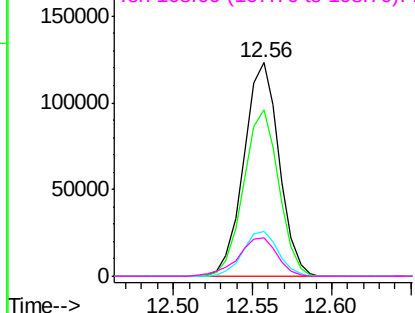
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.04 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	189946
Ion	Ratio	Lower	Upper
216	100		
214	77.7	0.0	0.0#
179	21.2	0.0	0.0#
108	19.7	0.0	0.0#

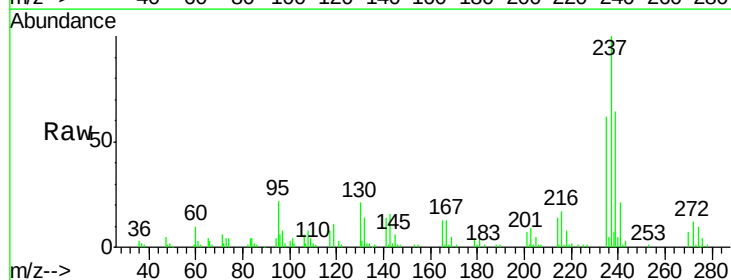


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

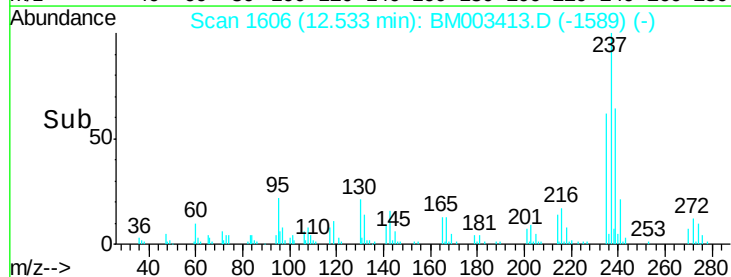
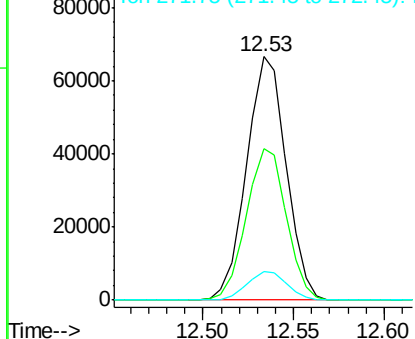


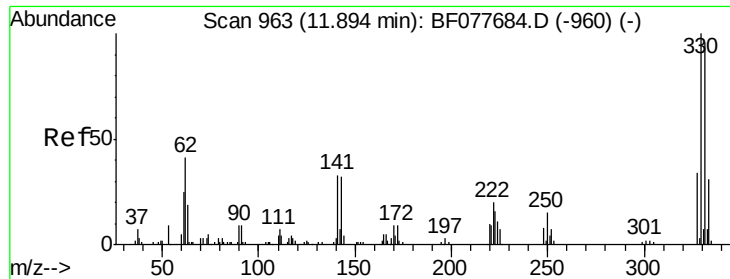
#40
 Hexachlorocyclopentadiene
 Concen: 32.59 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion:	237	Resp:	101007
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	11.9	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

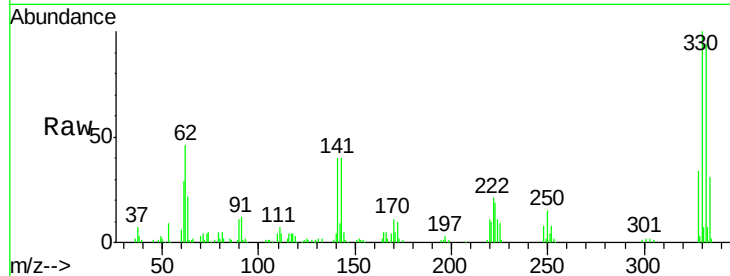




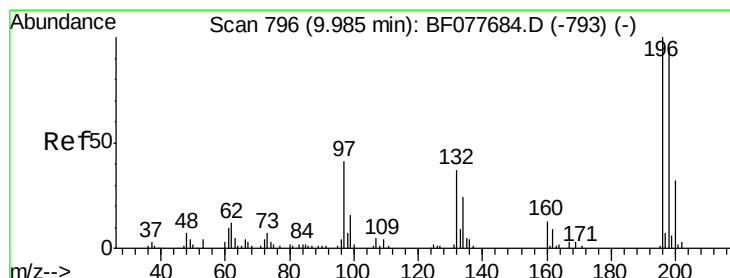
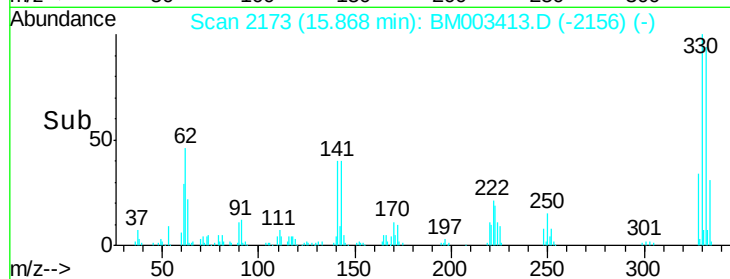
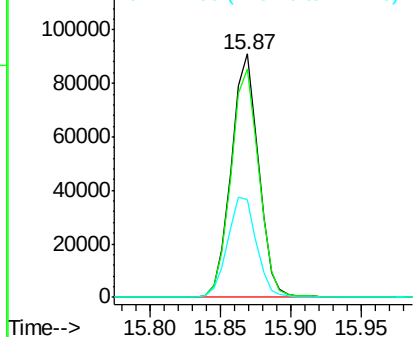
#41
 2,4,6-Tribromophenol
 Concen: 55.15 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	43.5	0.0	0.0#

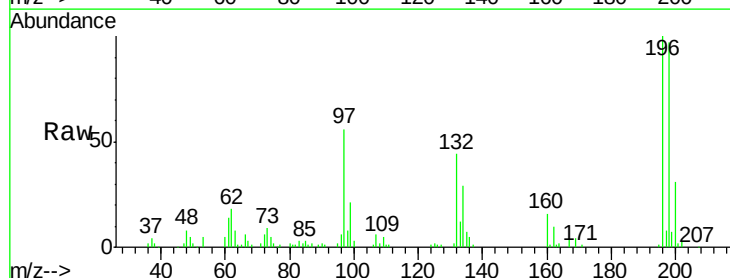


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

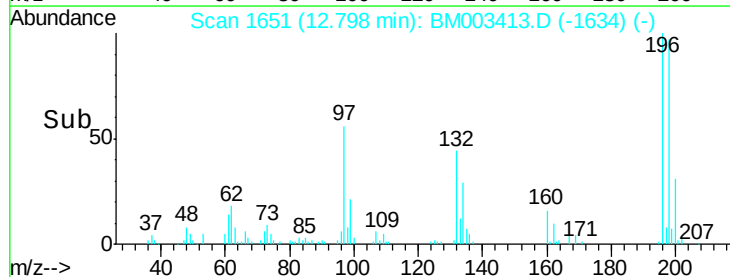
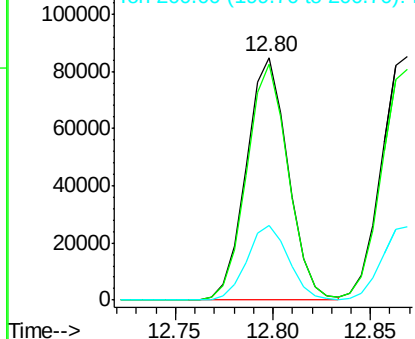


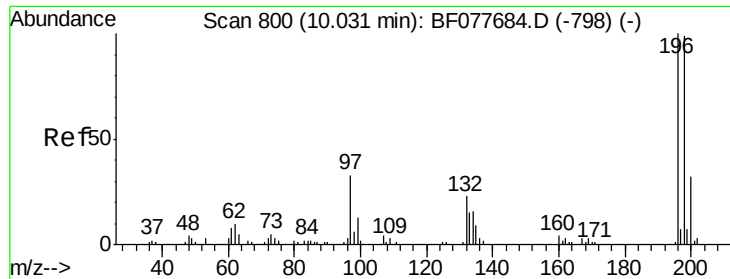
#42
 2,4,6-Trichlorophenol
 Concen: 26.16 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.3	114.5
200	31.0	25.6	38.4



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

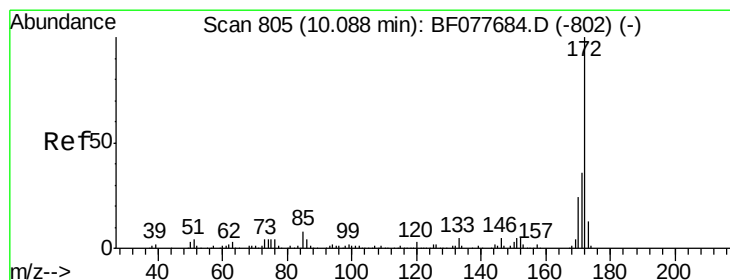
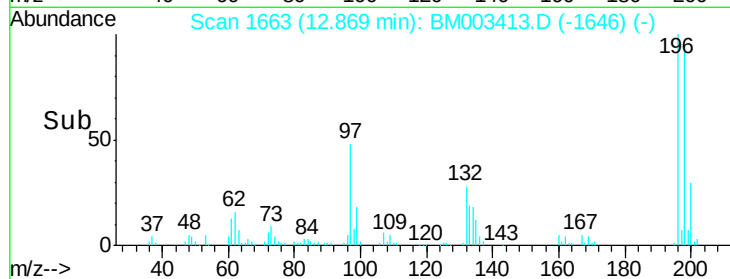
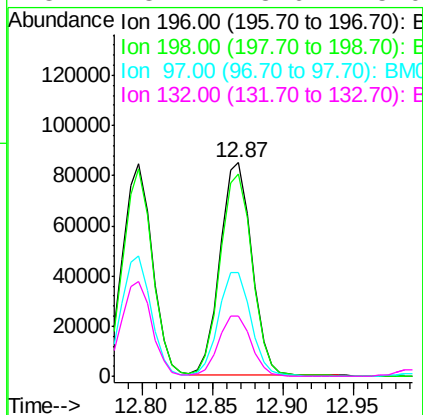
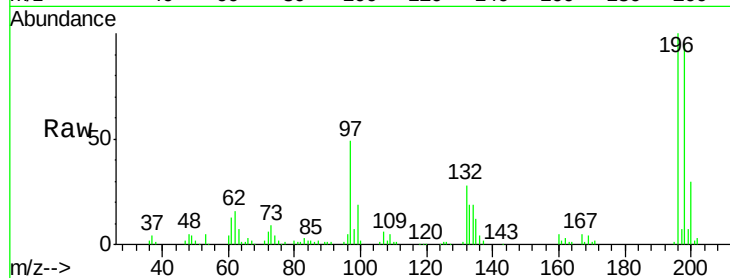




#43
 2,4,5-Trichlorophenol
 Concen: 25.71 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

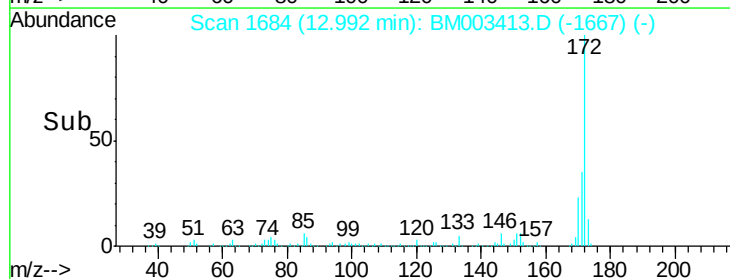
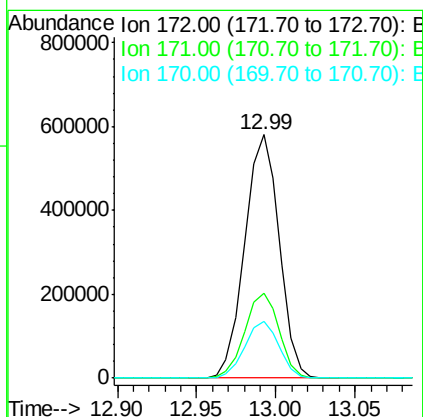
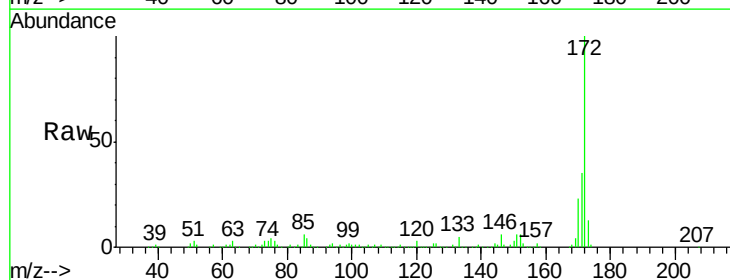
Instrument :
 BNA_M
 ClientSampleId :

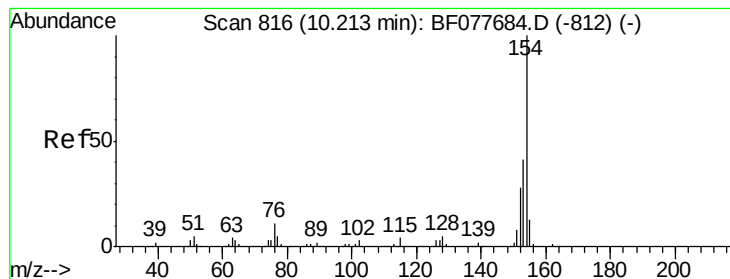
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.4	119.0
97	48.8	26.8	40.2
132	28.1	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 54.56 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 27.89 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM003413.D

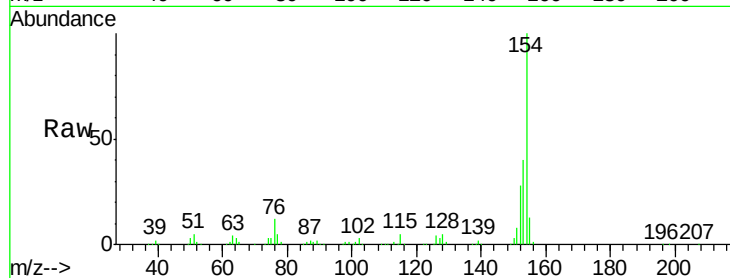
Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

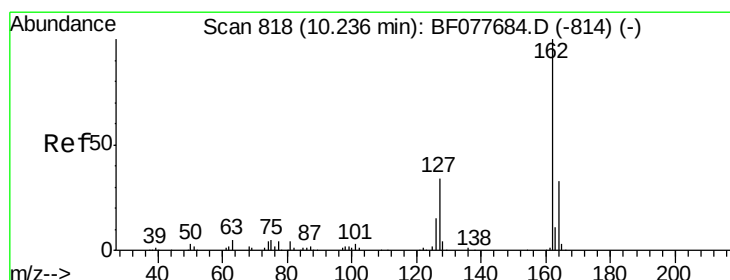
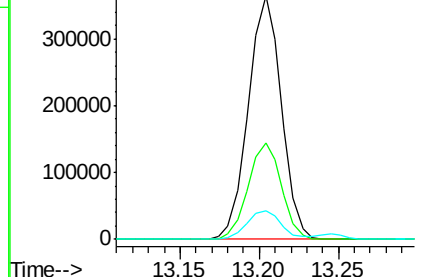
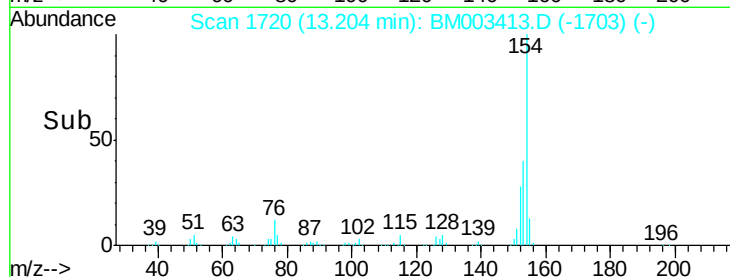
Tot Ion:154	Resp:	525127
Ion	Ratio	Lower Upper
154	100	
153	39.8	20.7 60.7
76	11.7	0.0 30.9



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: 25.27 ng

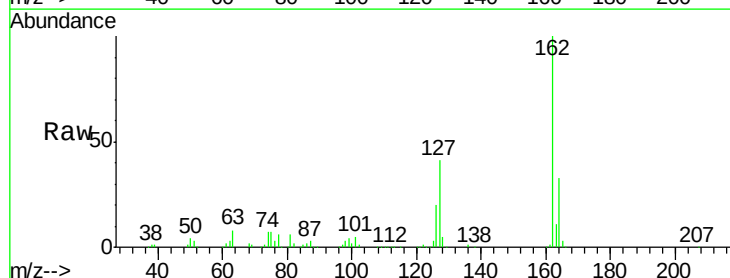
RT: 13.25 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

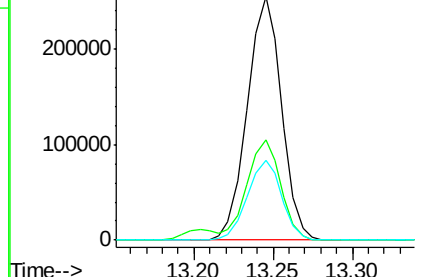
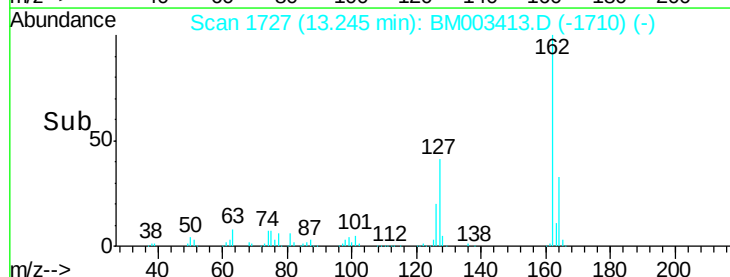
Tgt Ion:162	Resp:	382141
Ion	Ratio	Lower Upper
162	100	
127	41.3	26.9 40.3#
164	32.8	26.8 40.2

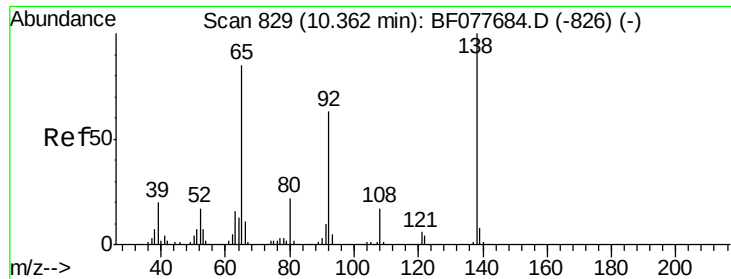


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

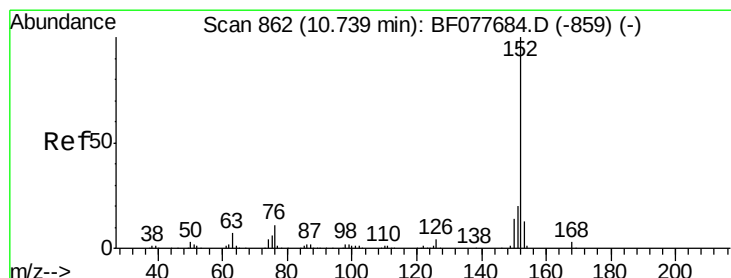
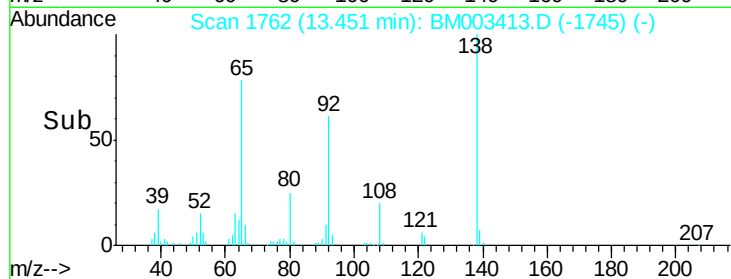
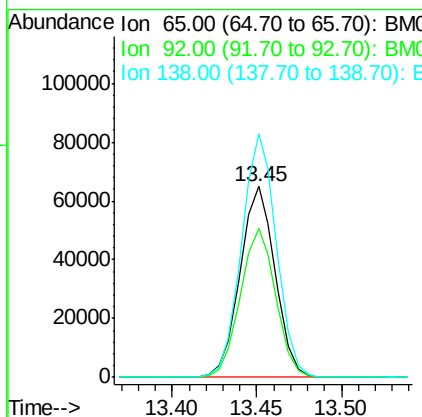
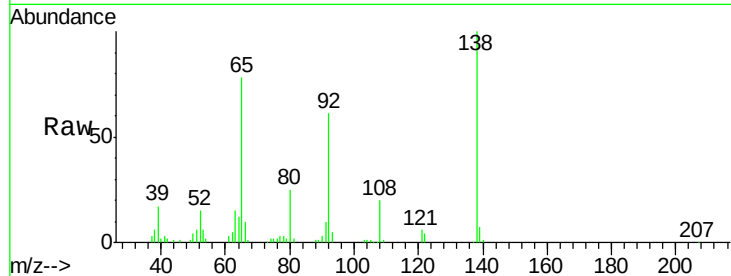




#47
 2-Nitroaniline
 Concen: 25.22 ng
 RT: 13.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

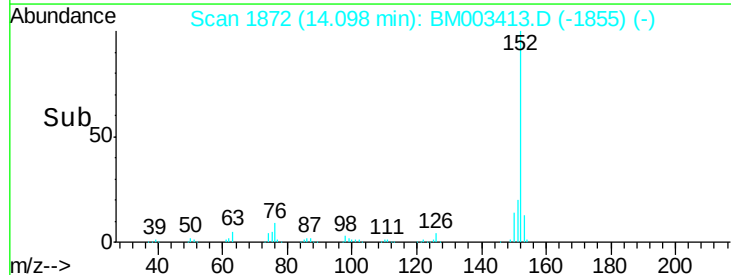
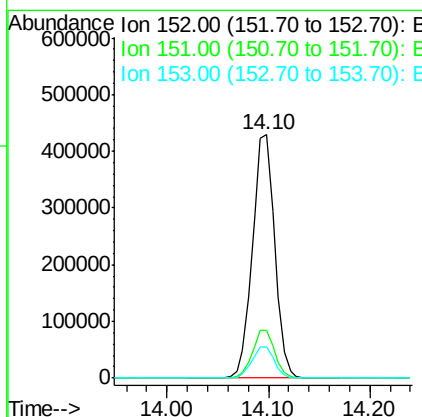
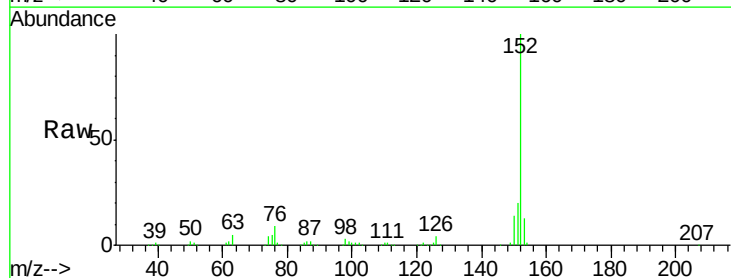
Instrument :
 BNA_M
 ClientSampleId :

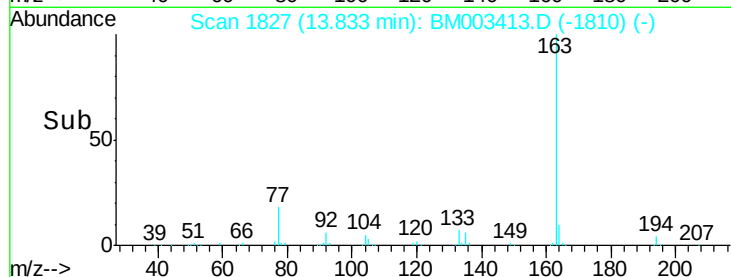
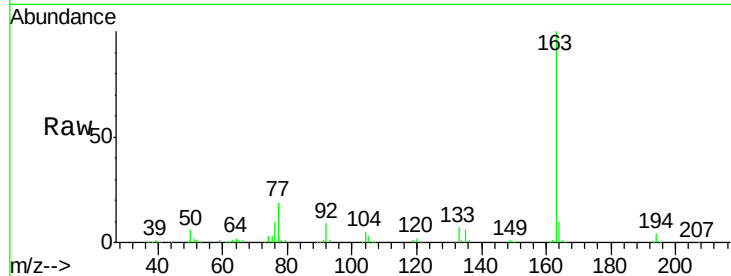
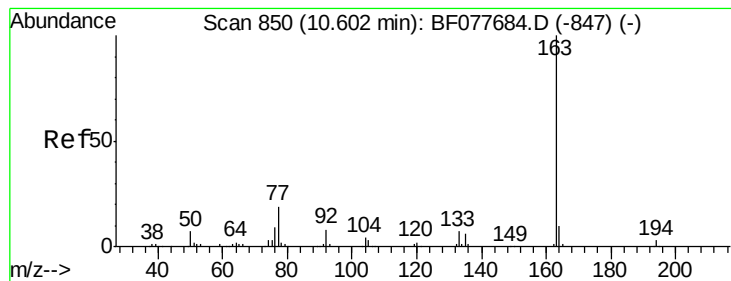
Tot Ion: 65 Resp: 93644
 Ion Ratio Lower Upper
 65 100
 92 78.2 59.1 88.7
 138 127.8 93.9 140.9



#48
 Acenaphthylene
 Concen: 25.91 ng
 RT: 14.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion: 152 Resp: 652841
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.9 23.9
 153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 28.45 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampled :

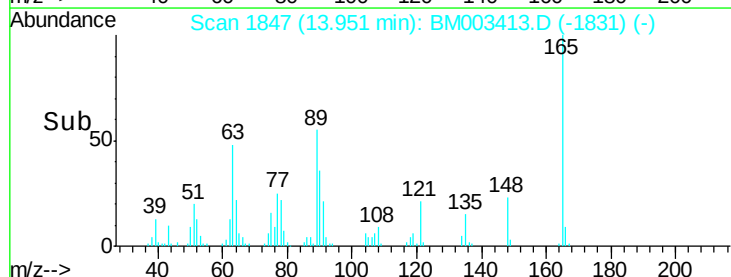
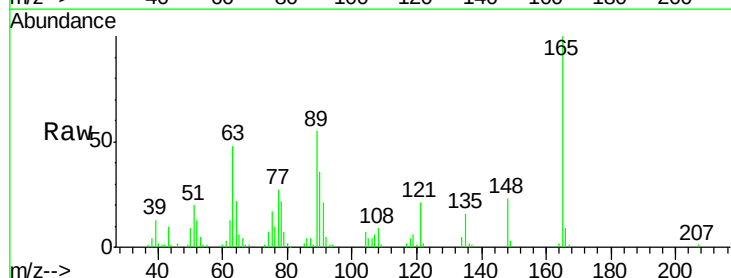
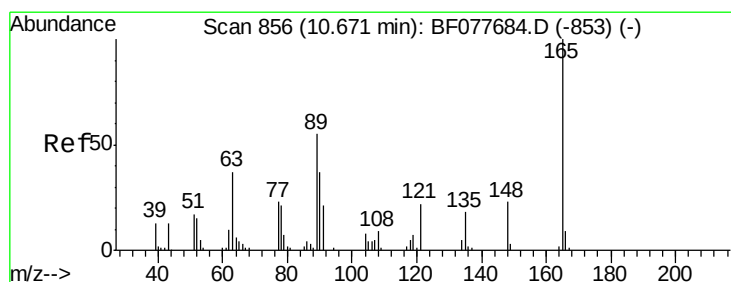
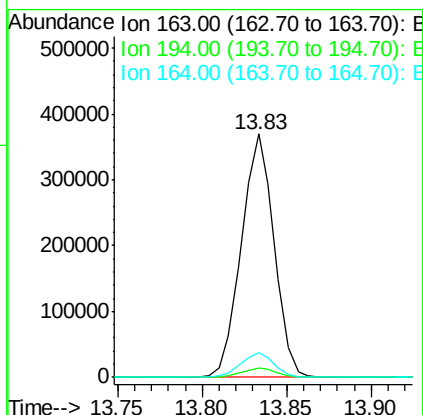
Tot Ion:163 Resp: 498001

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

164 10.0 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 29.09 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

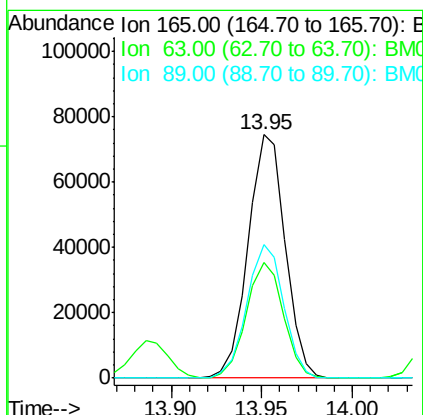
Tgt Ion:165 Resp: 105896

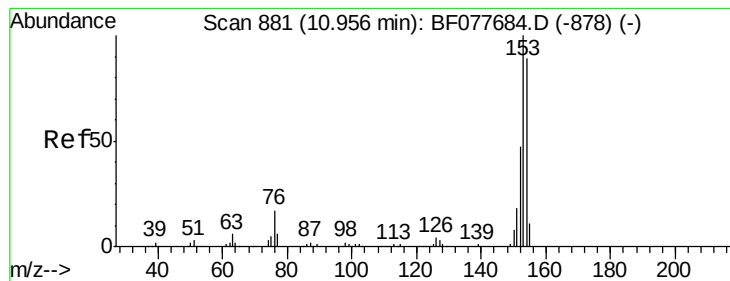
Ion Ratio Lower Upper

165 100

63 47.7 44.1 66.1

89 55.0 44.3 66.5





#51

Acenaphthene

Concen: 25.74 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

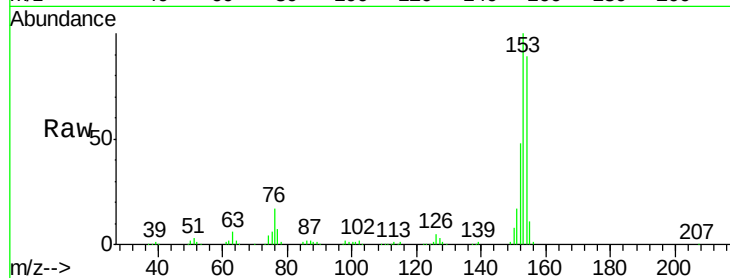
Tot Ion:154 Resp: 370236

Ion Ratio Lower Upper

154 100

153 112.1 90.0 135.0

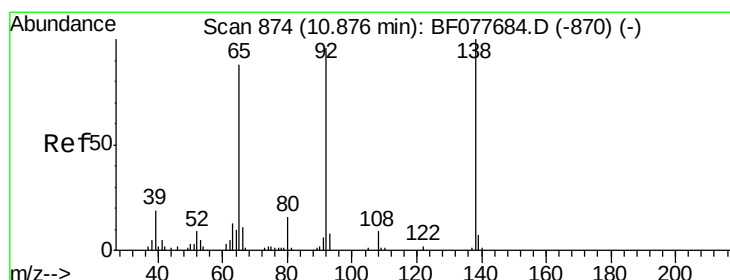
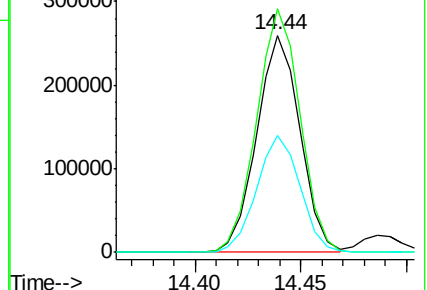
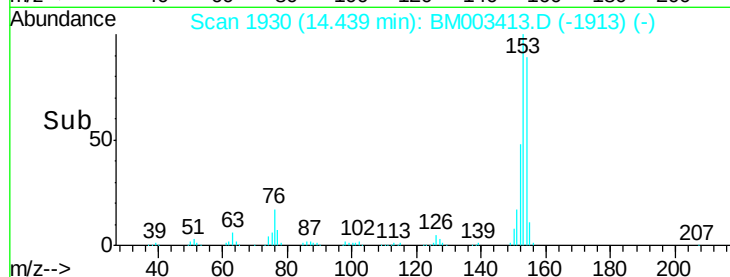
152 53.6 42.6 63.8



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: 26.30 ng

RT: 14.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

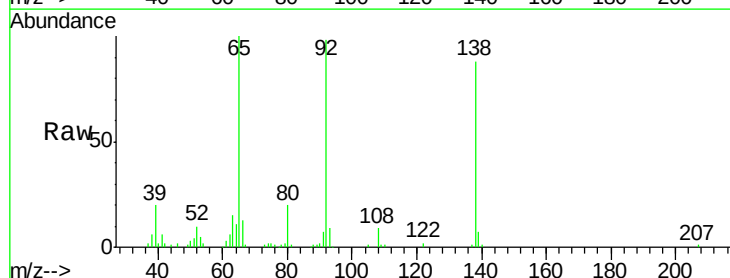
Tgt Ion:138 Resp: 108767

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

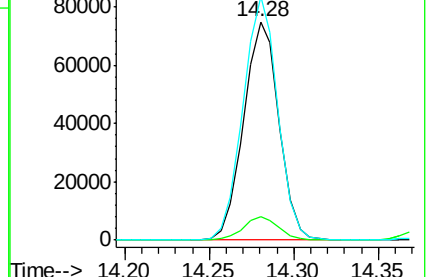
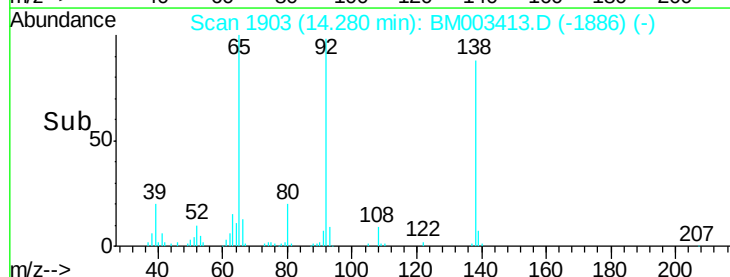
92 111.6 76.6 114.8

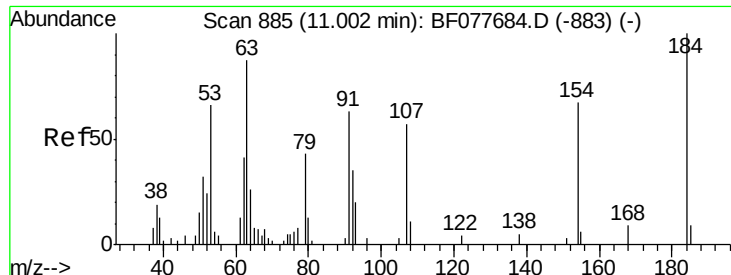


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 37.38 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

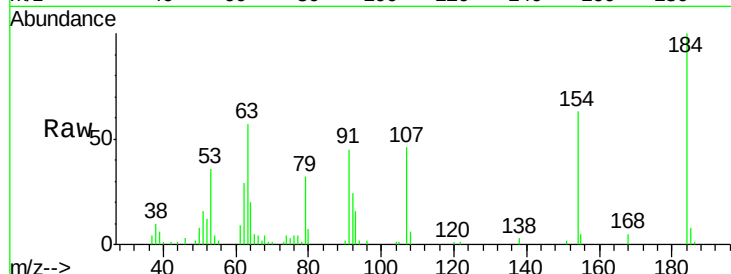
Tot Ion:184 Resp: 45312

Ion Ratio Lower Upper

184 100

63 56.6 69.2 103.8#

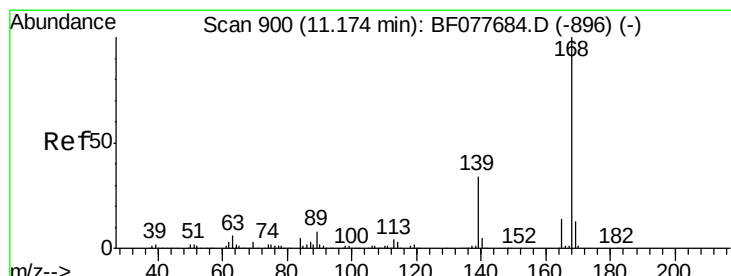
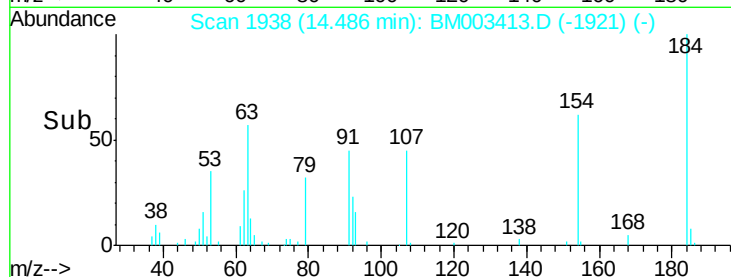
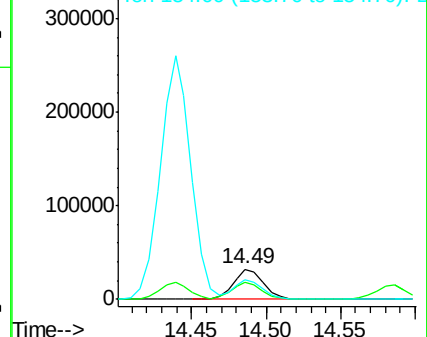
154 63.2 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 25.28 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

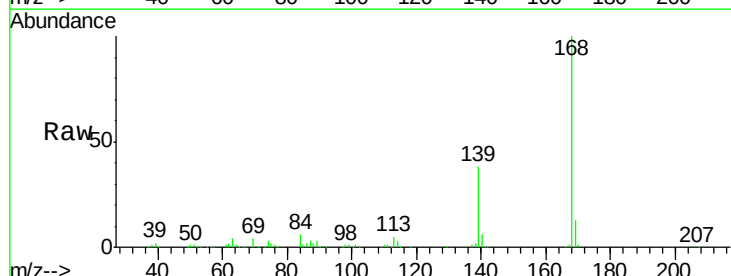
Tgt Ion:168 Resp: 536781

Ion Ratio Lower Upper

168 100

139 38.5 27.3 40.9

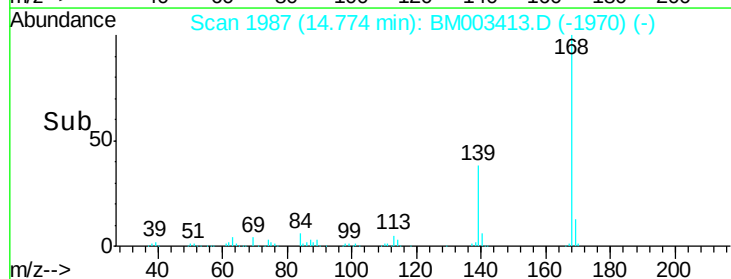
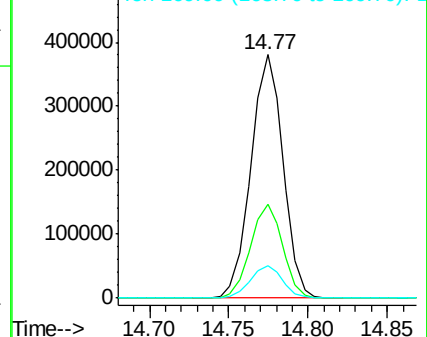
169 13.4 10.6 16.0

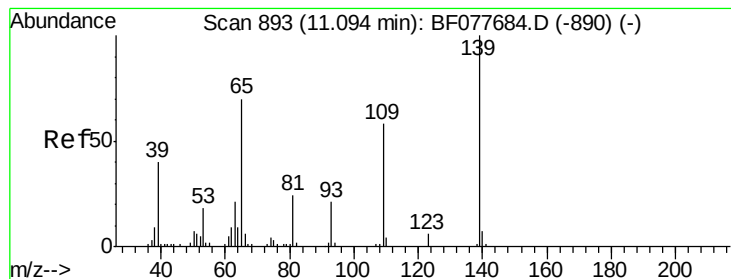


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 27.58 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

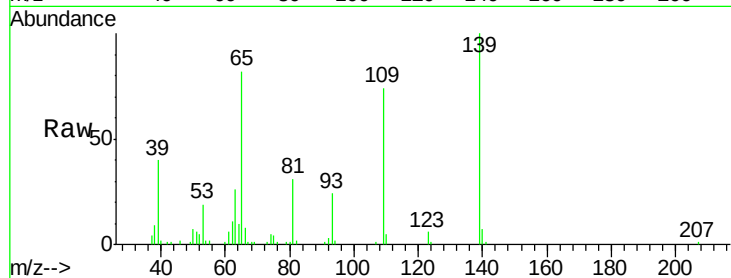
Tot Ion:139 Resp: 84563

Ion Ratio Lower Upper

139 100

109 73.8 37.7 77.7

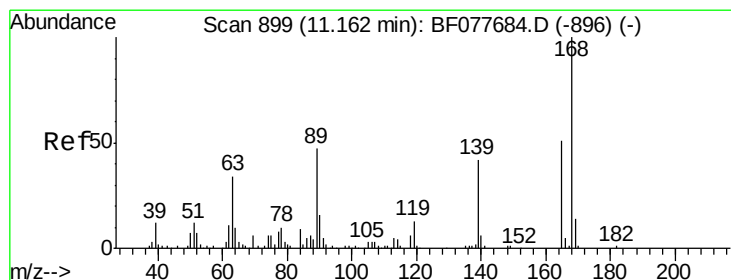
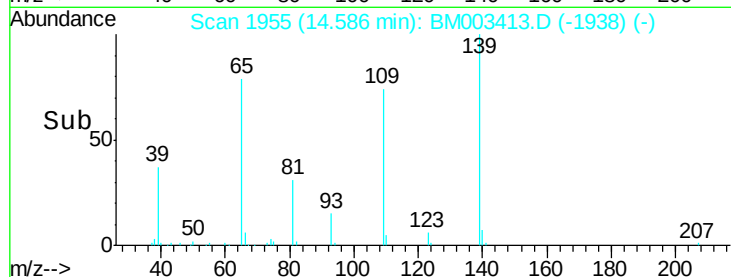
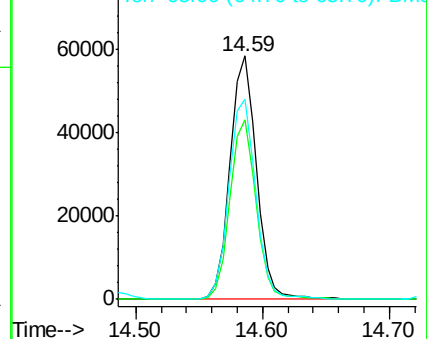
65 82.0 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 29.30 ng

RT: 14.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Tgt Ion:165 Resp: 138991

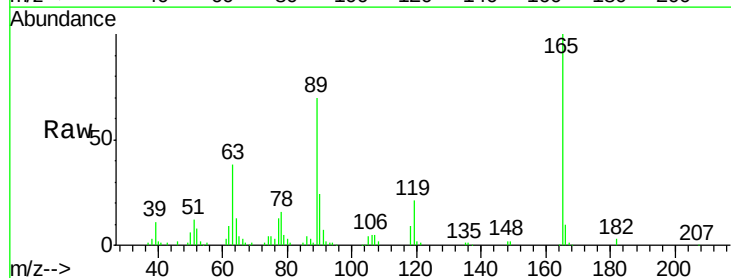
Ion Ratio Lower Upper

165 100

63 37.6 52.4 78.6#

89 70.2 72.4 108.6#

182 2.7 2.0 3.0

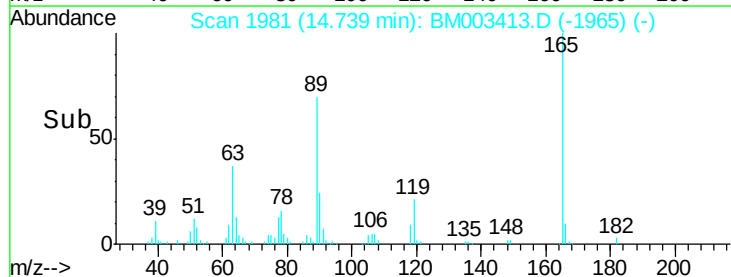
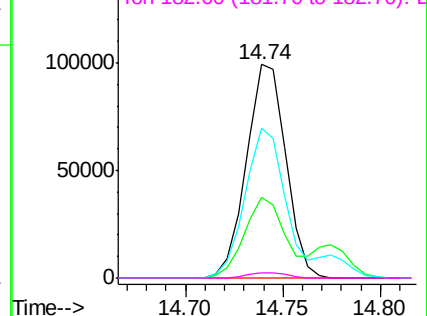


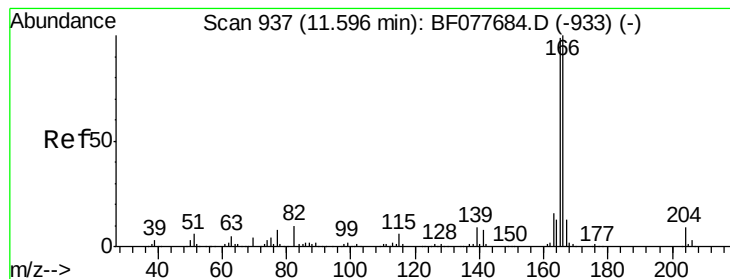
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.79 ng

RT: 15.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

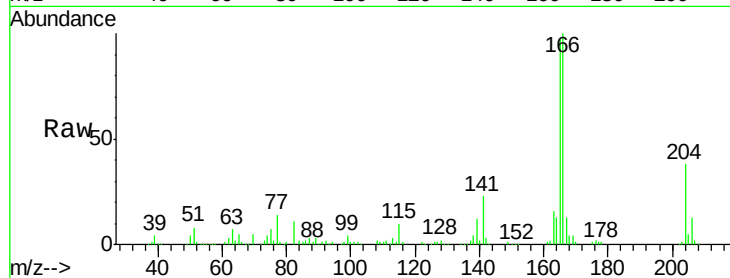
Tot Ion:166 Resp: 454029

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.4

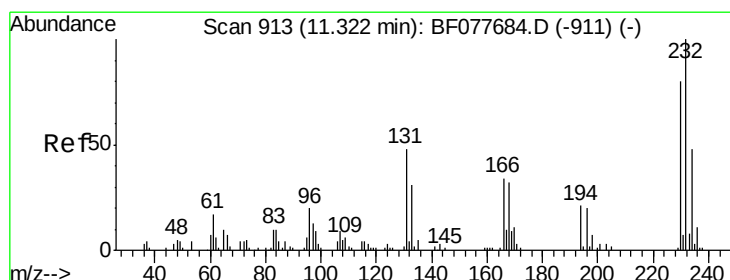
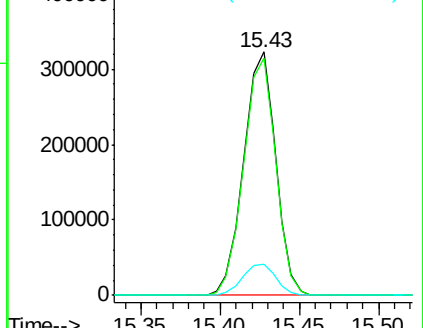
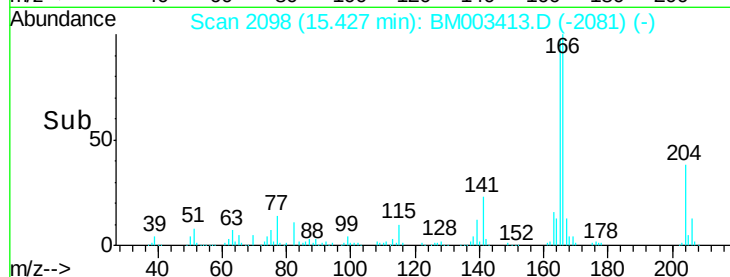
167 13.0 10.3 15.5



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: 25.75 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Tgt Ion:232 Resp: 102451

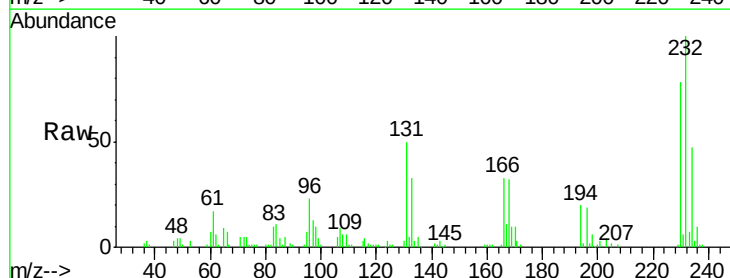
Ion Ratio Lower Upper

232 100

131 50.3 0.0 0.0#

130 2.5 0.0 0.0#

166 33.5 0.0 0.0#

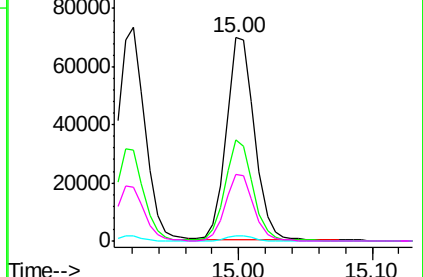
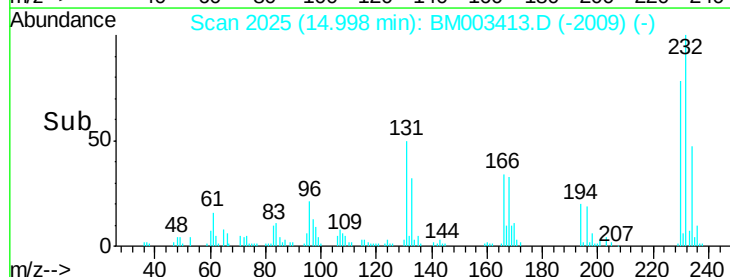


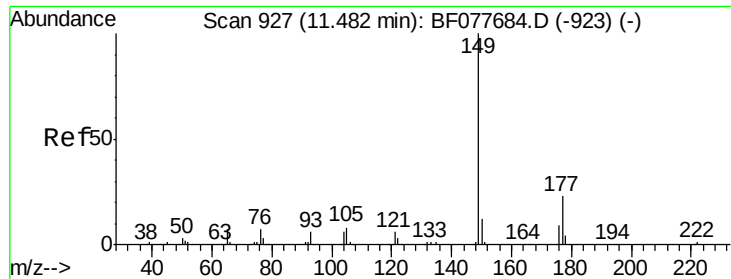
Abundance Ion 232.00 (231.70 to 232.70): E

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

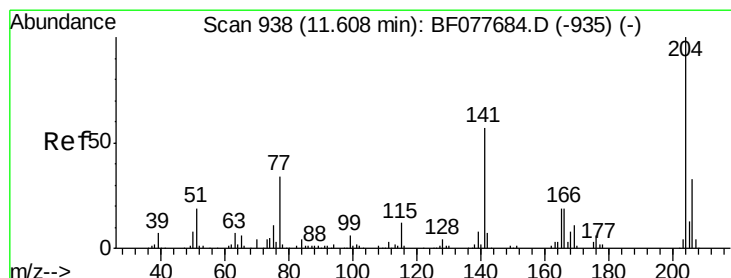
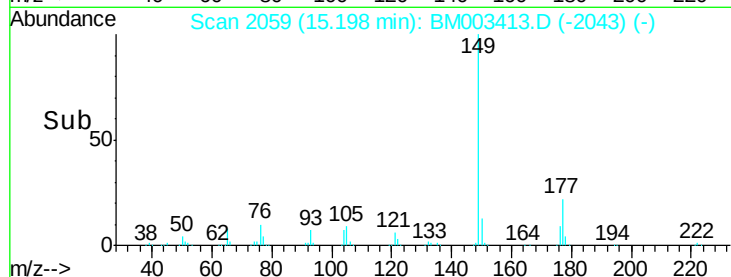
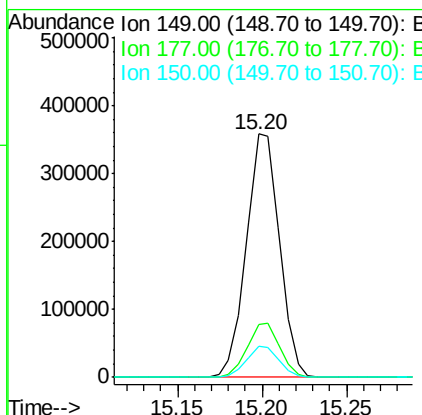
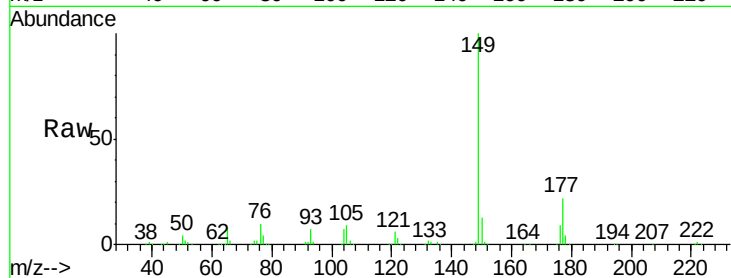




#59
Diethylphthalate
Concen: 28.90 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

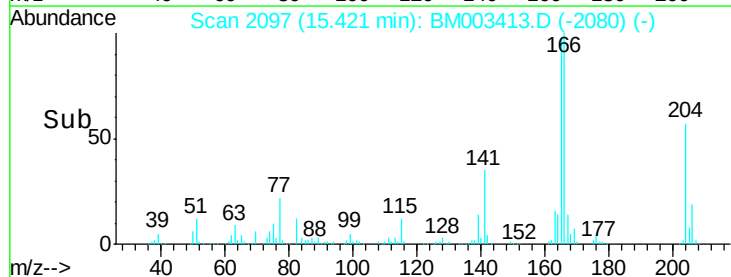
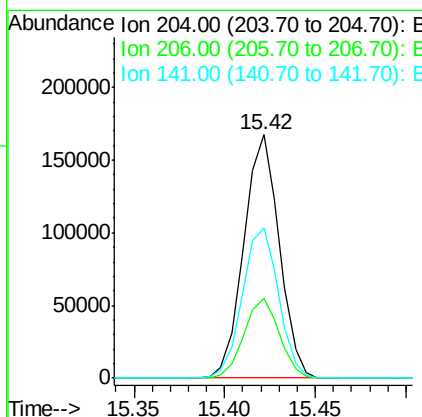
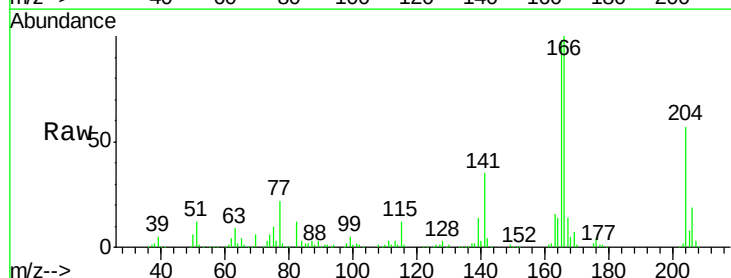
Instrument :
BNA_M
ClientSampled :

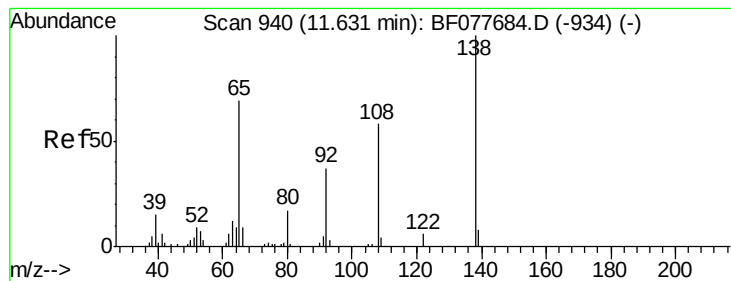
Tot Ion:149 Resp: 491806
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 27.80 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion:204 Resp: 227053
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 61.9 45.2 67.8





#61

4-Nitroaniline

Concen: 25.64 ng

RT: 15.44 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampled :

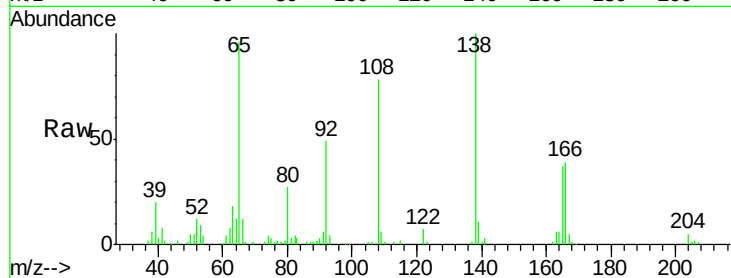
Tot Ion:138 Resp: 105179

Ion Ratio Lower Upper

138 100

92 49.4 16.7 56.7

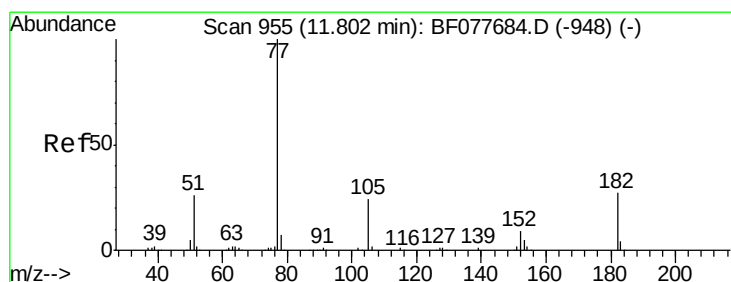
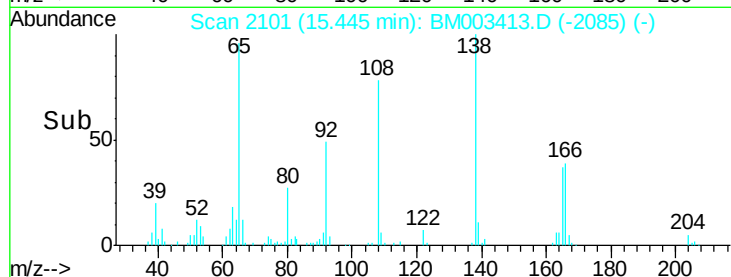
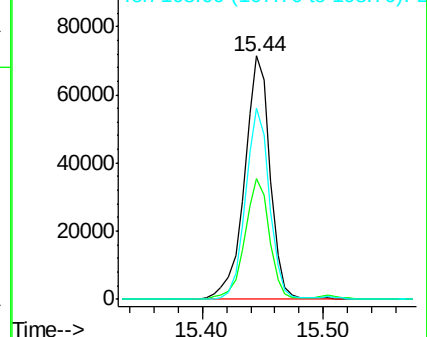
108 78.3 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 24.57 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Tgt Ion: 77 Resp: 384486

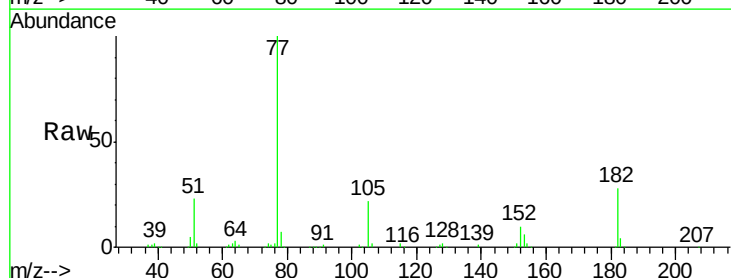
Ion Ratio Lower Upper

77 100

182 28.4 6.5 46.5

105 22.4 3.8 43.8

51 23.0 5.5 45.5

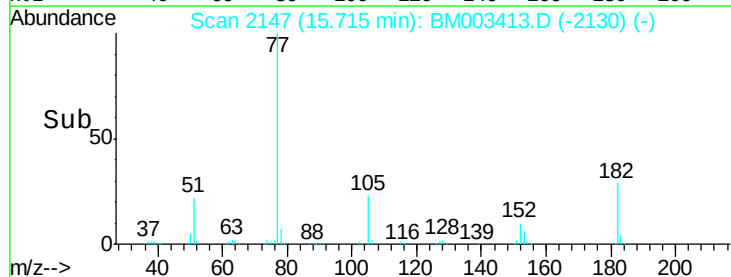
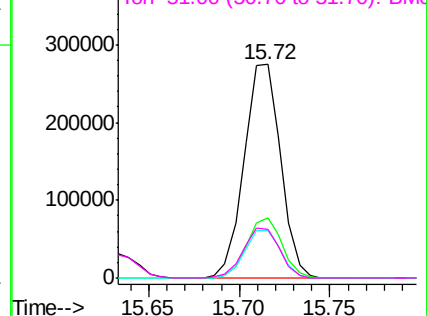


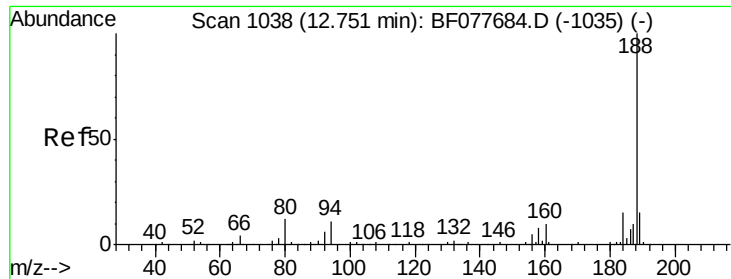
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

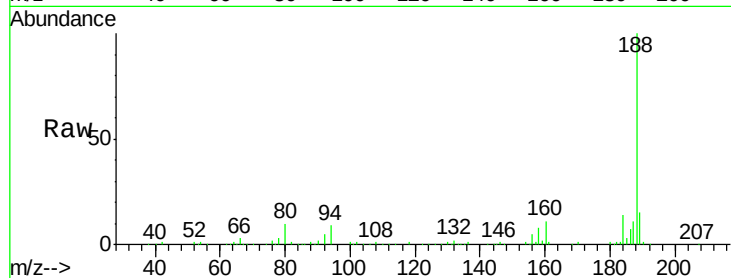




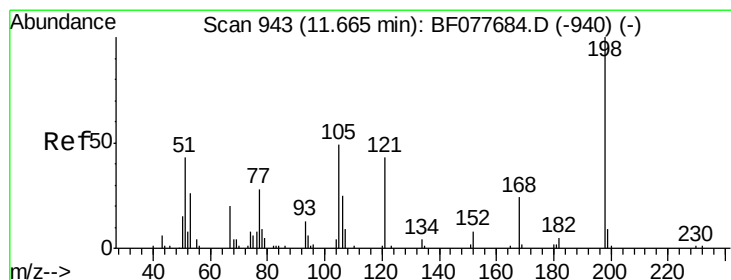
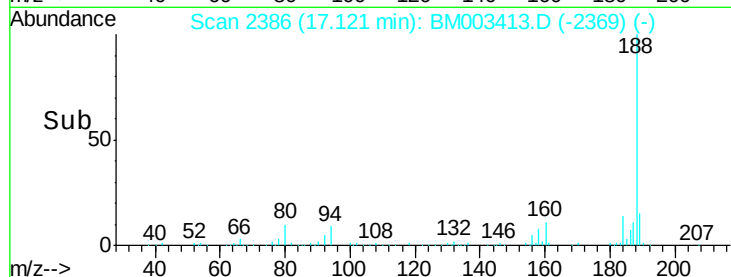
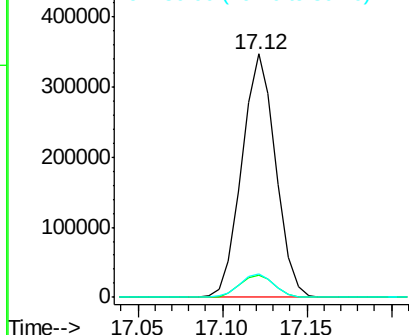
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 483832
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.9 9.3 13.9

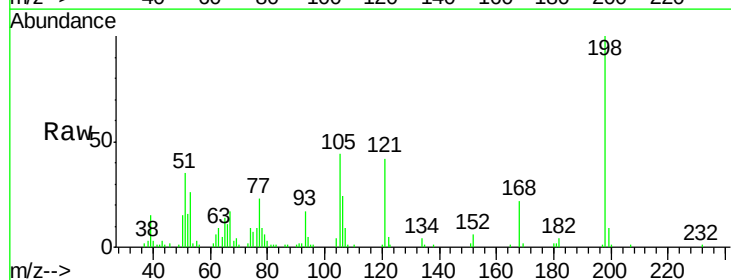


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

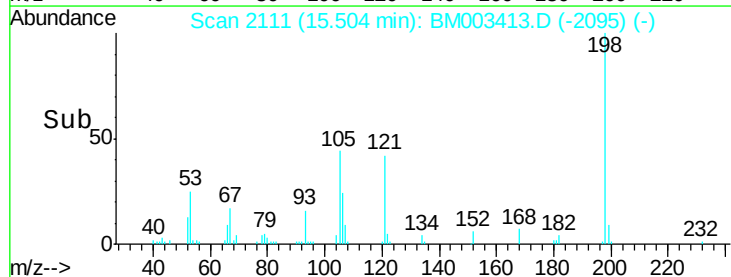
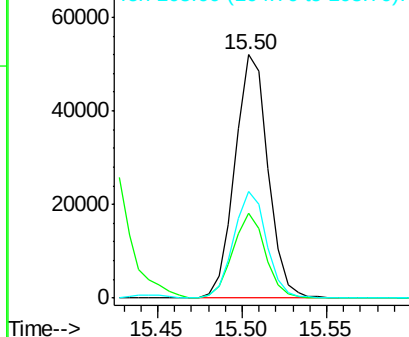


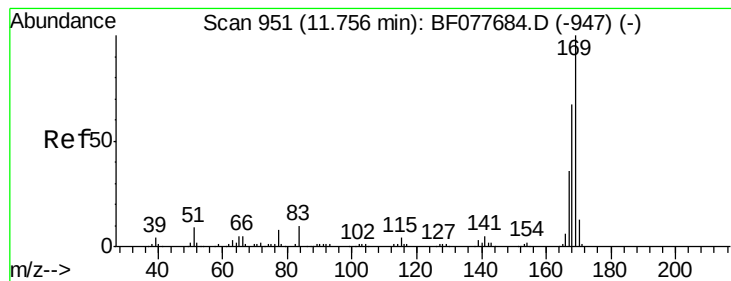
#64
4,6-Dinitro-2-methylphenol
Concen: 35.27 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion:198 Resp: 70924
Ion Ratio Lower Upper
198 100
51 34.6 28.8 68.8
105 44.0 30.5 70.5



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





#65

n-Nitrosodiphenylamine

Concen: 24.59 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

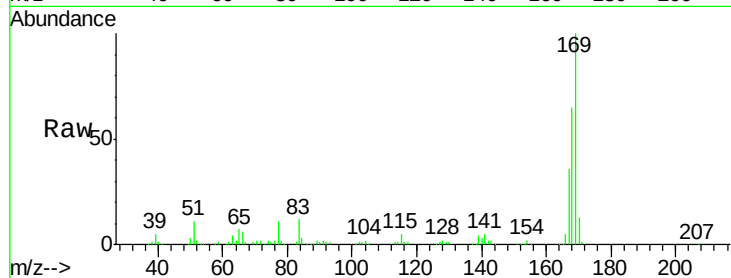
Tot Ion:169 Resp: 395002

Ion Ratio Lower Upper

169 100

168 65.5 53.9 80.9

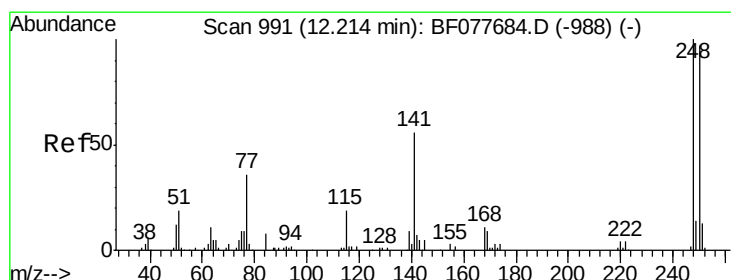
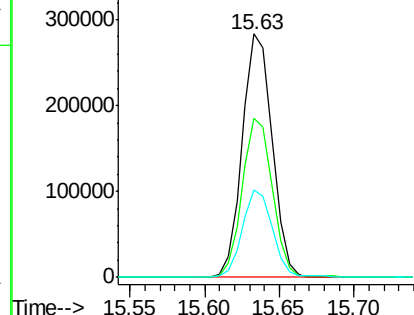
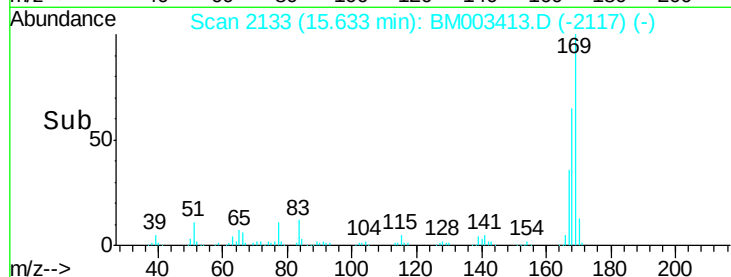
167 36.0 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 25.70 ng

RT: 16.32 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

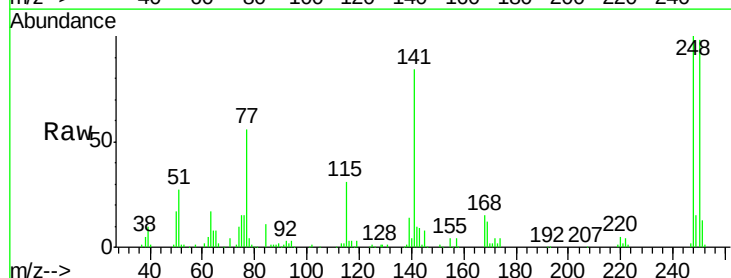
Tgt Ion:248 Resp: 133531

Ion Ratio Lower Upper

248 100

250 98.2 77.4 116.0

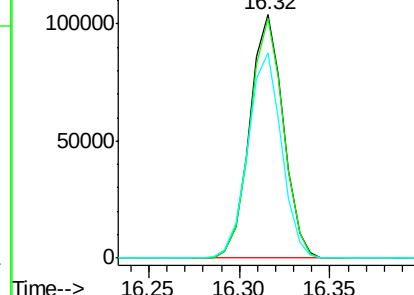
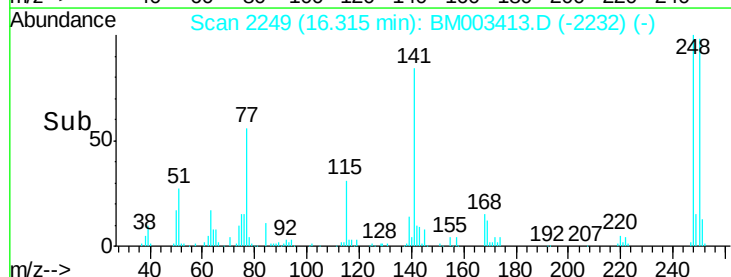
141 84.1 45.2 67.8#

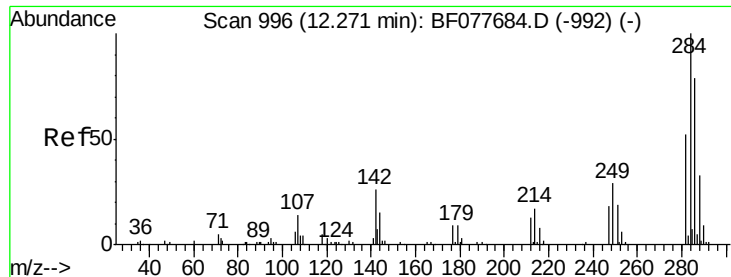


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 25.08 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003413.D

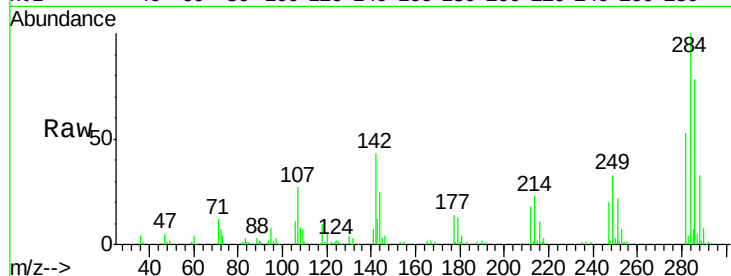
Acq: 09 Dec 2015 15:28

Instrument :

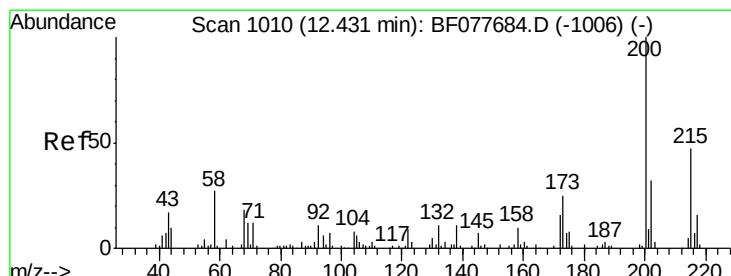
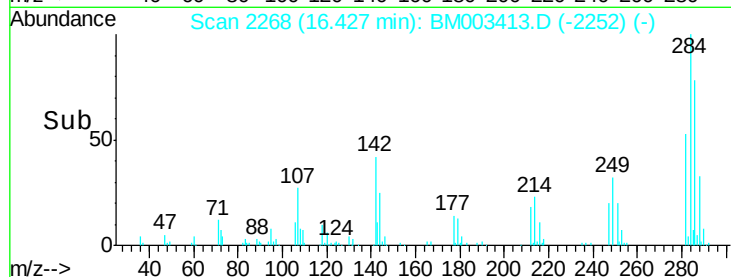
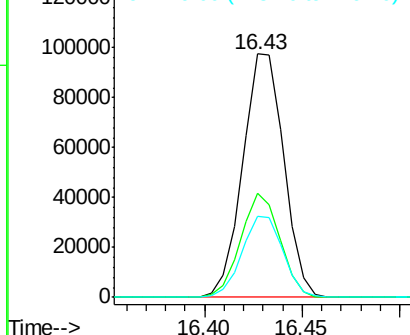
BNA_M

ClientSampleId :

Tot Ion:	284	Resp:	142520
Ion	Ratio	Lower	Upper
284	100		
142	42.9	20.4	30.6#
249	33.5	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: 28.26 ng

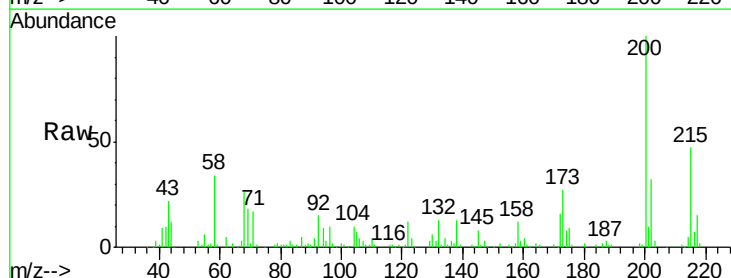
RT: 16.59 min Scan# 2295

Delta R.T. -0.00 min

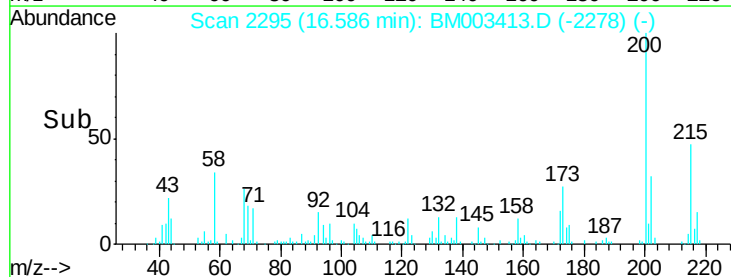
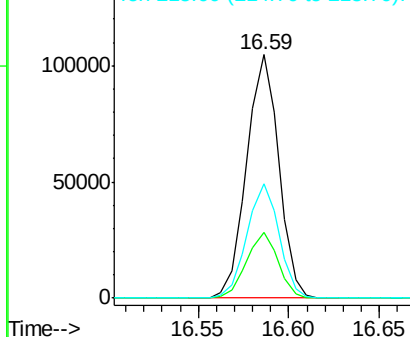
Lab File: BM003413.D

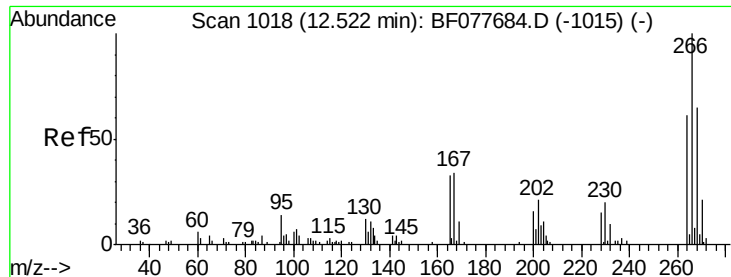
Acq: 09 Dec 2015 15:28

Tgt Ion:	200	Resp:	129231
Ion	Ratio	Lower	Upper
200	100		
173	26.9	4.8	44.8
215	47.0	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

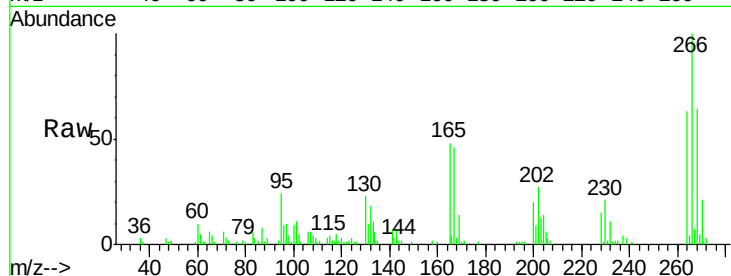




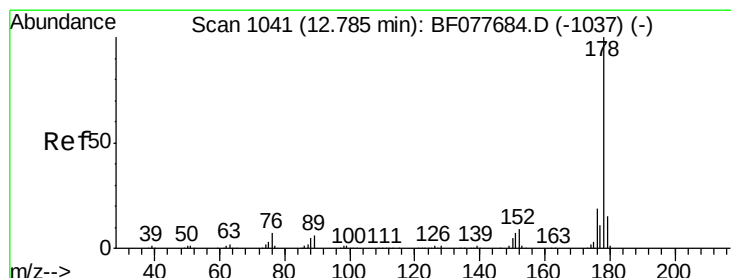
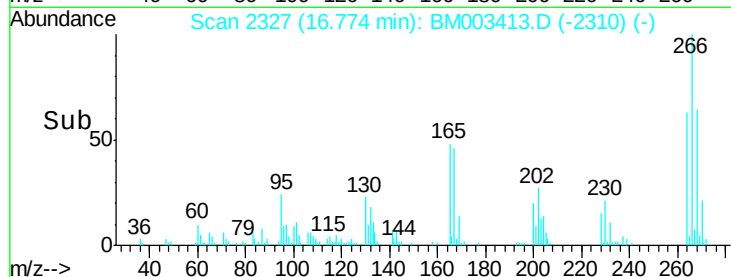
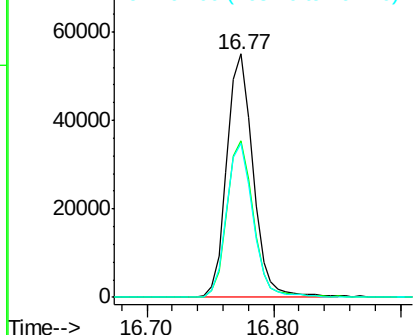
#69
 Pentachlorophenol
 Concen: 30.44 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.0	78.0
264	63.0	49.0	73.4

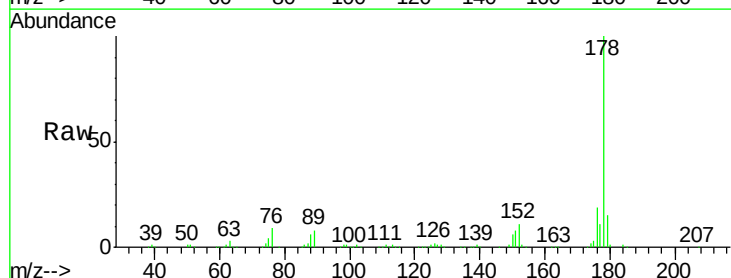


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

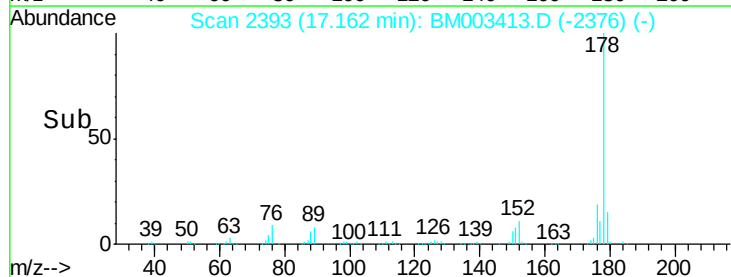
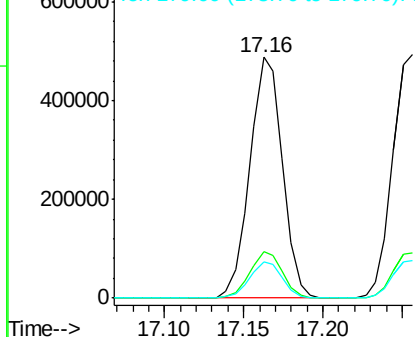


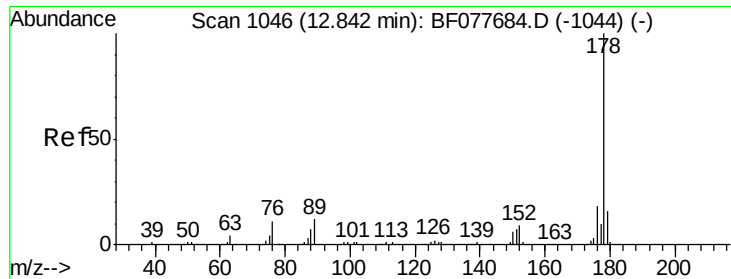
#70
 Phenanthrene
 Concen: 25.08 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	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

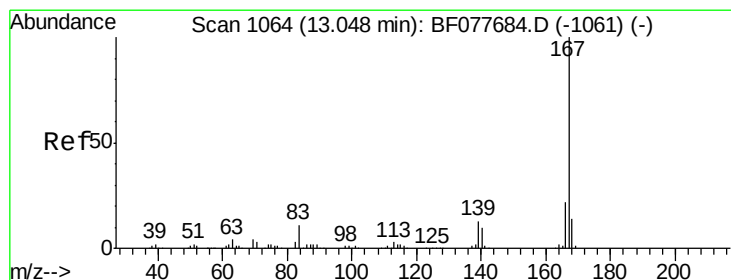
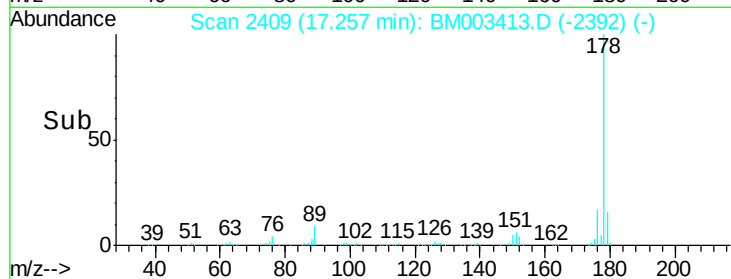
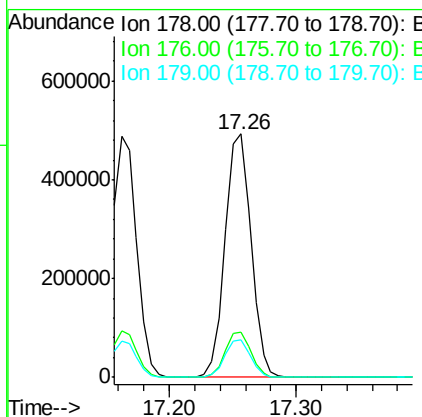
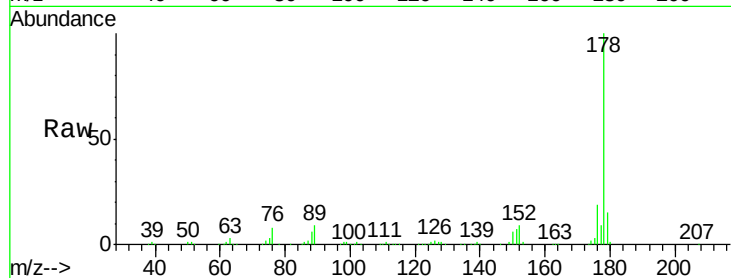




#71
 Anthracene
 Concen: 25.40 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

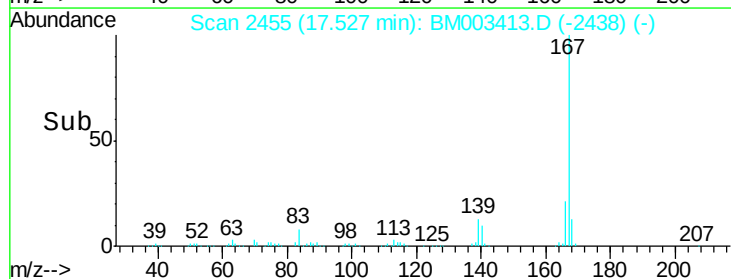
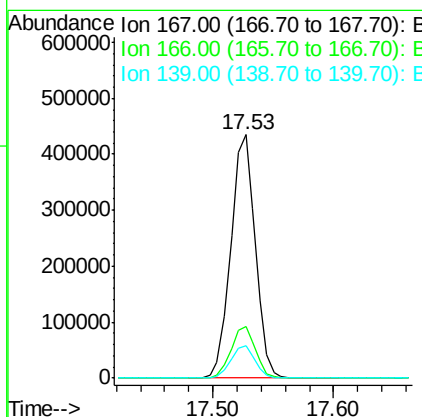
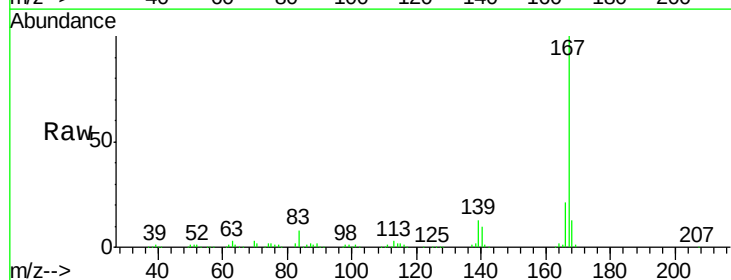
Instrument :
 BNA_M
 ClientSampleId :

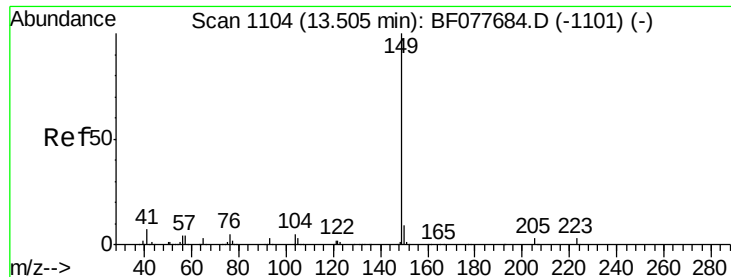
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.4	12.6	19.0



#72
 Carbazole
 Concen: 23.58 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 24.93 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

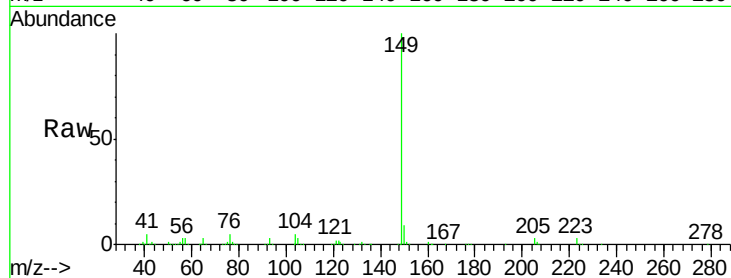
Tot Ion:149 Resp: 728995

Ion Ratio Lower Upper

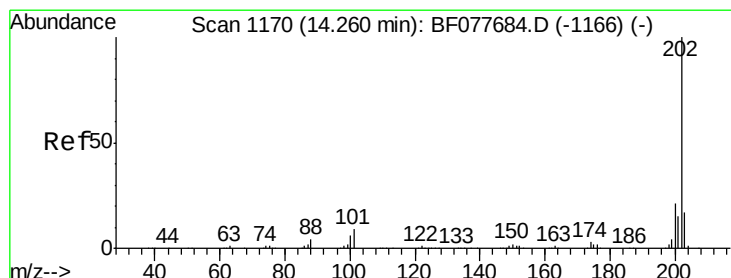
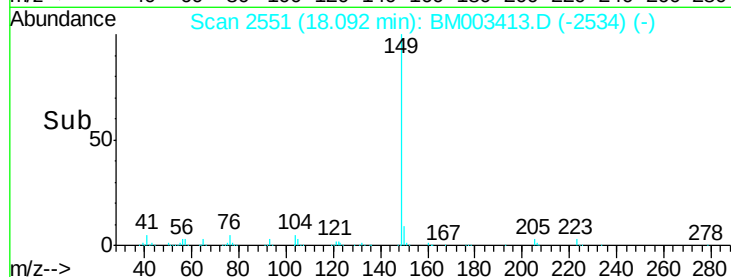
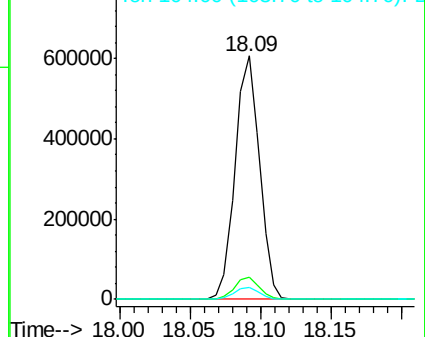
149 100

150 9.0 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: 23.97 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

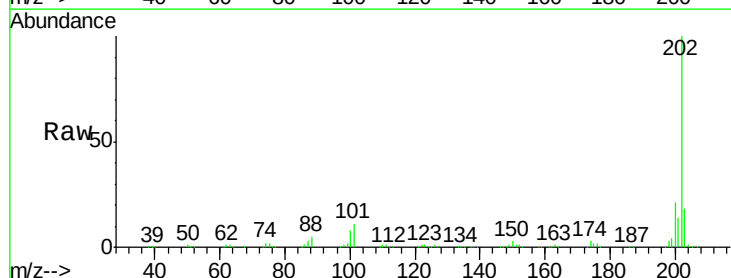
Tgt Ion:202 Resp: 719242

Ion Ratio Lower Upper

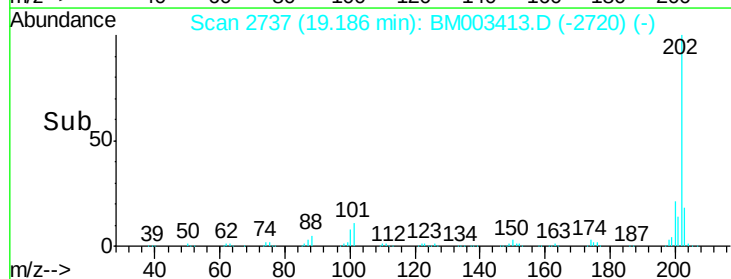
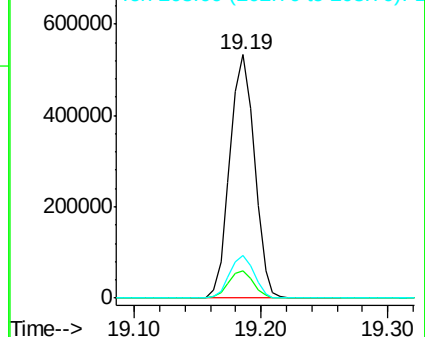
202 100

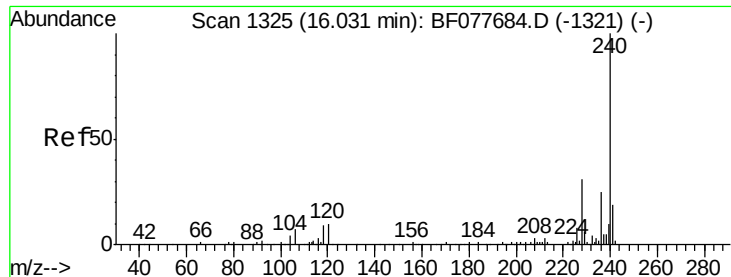
101 11.4 0.0 28.7

203 17.5 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: 21.32 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

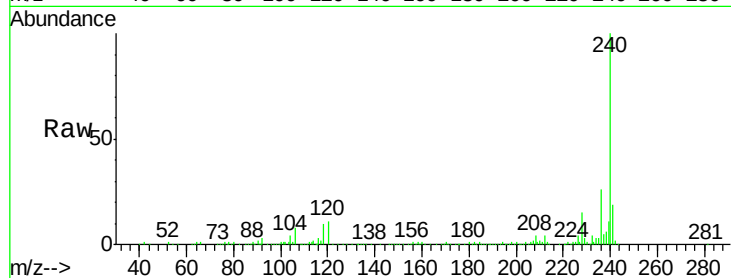
Tot Ion:240 Resp: 399278

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

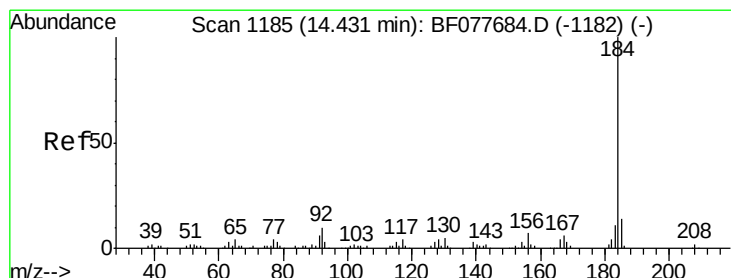
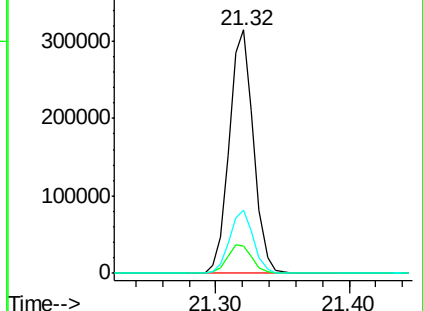
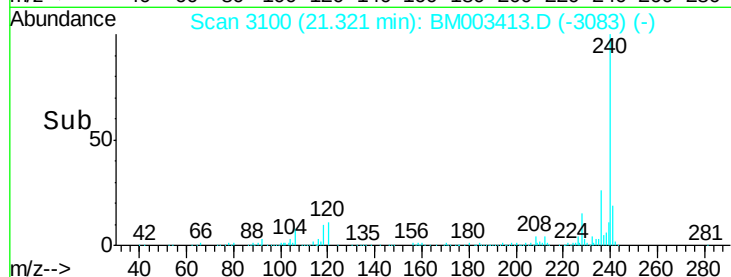
236 26.0 20.0 30.0



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: 30.23 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

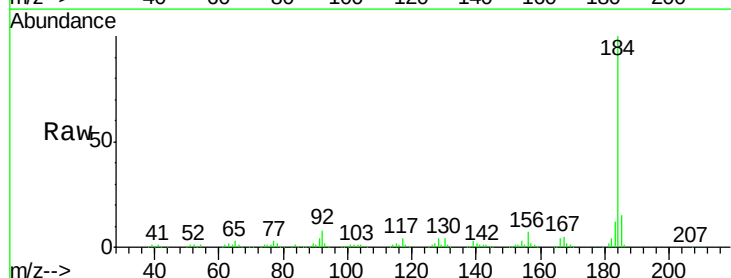
Tgt Ion:184 Resp: 345740

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

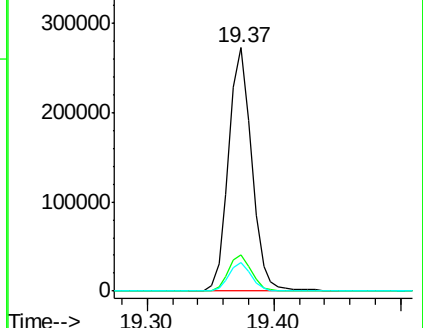
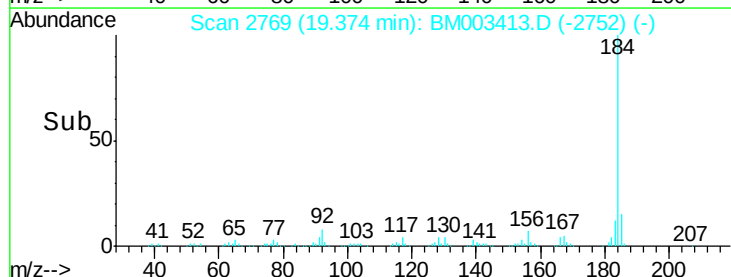
183 11.5 8.9 13.3

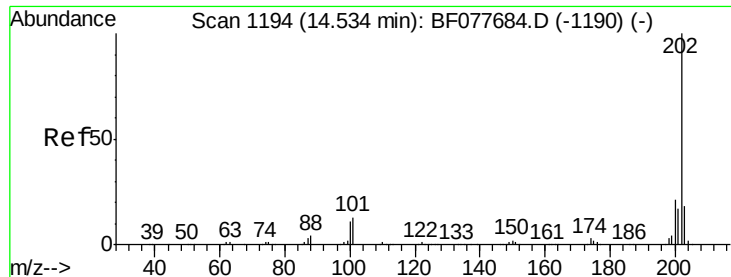


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.12 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM003413.D

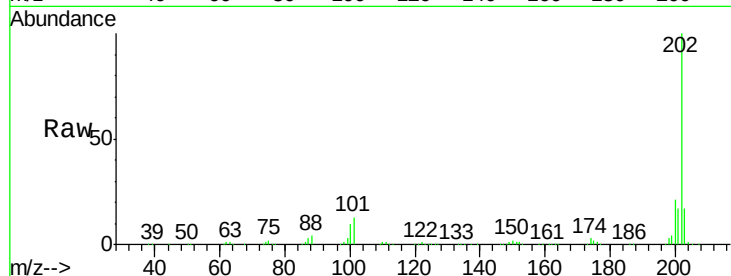
Acq: 09 Dec 2015 15:28

Instrument :

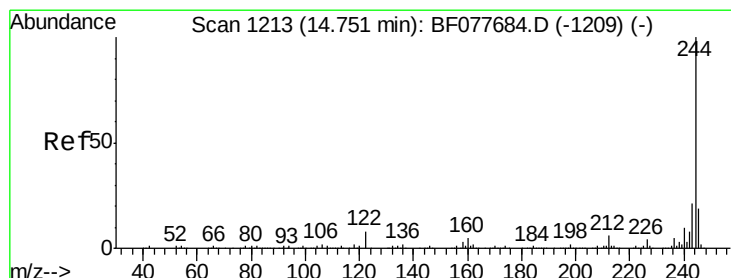
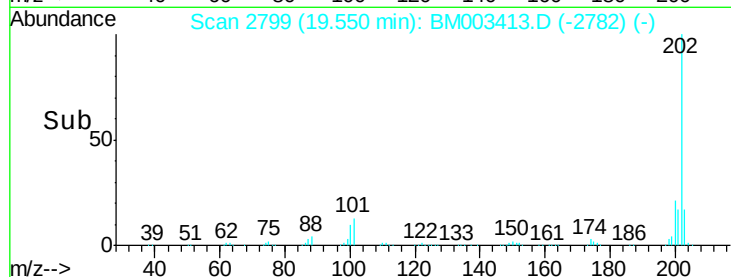
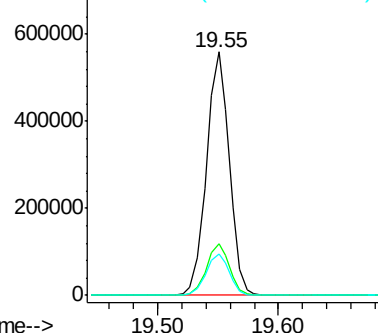
BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	734829
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.2	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: 54.28 ng

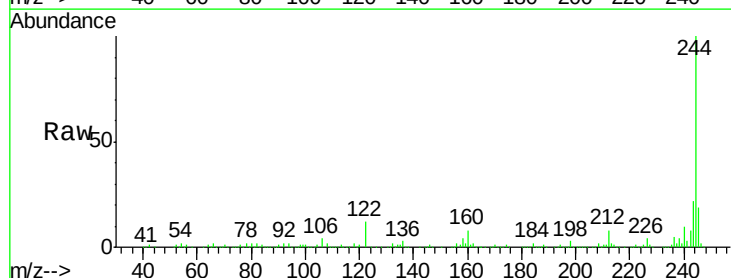
RT: 19.76 min Scan# 2834

Delta R.T. -0.00 min

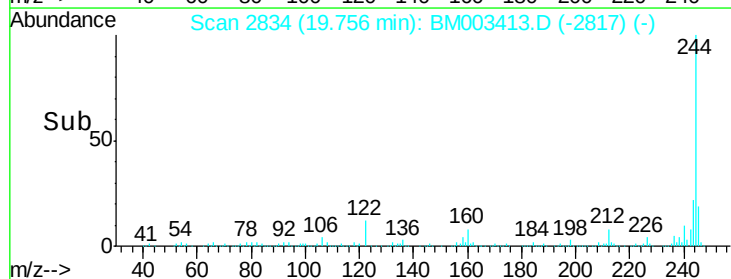
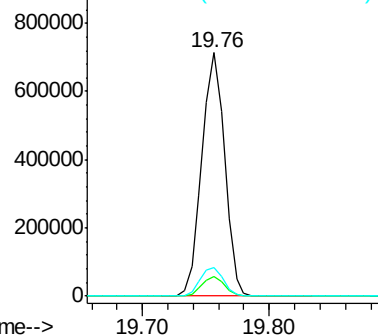
Lab File: BM003413.D

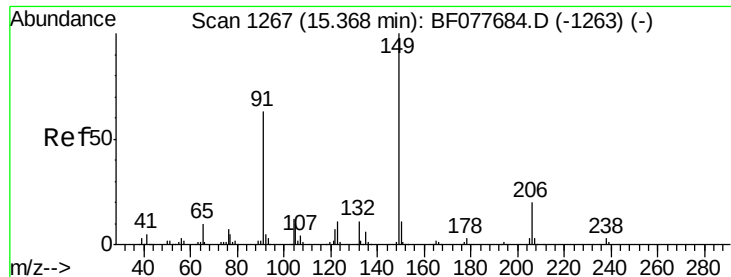
Acq: 09 Dec 2015 15:28

Tgt Ion:	244	Resp:	885288
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	11.6	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

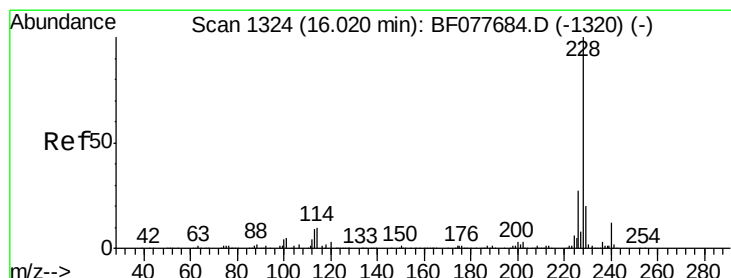
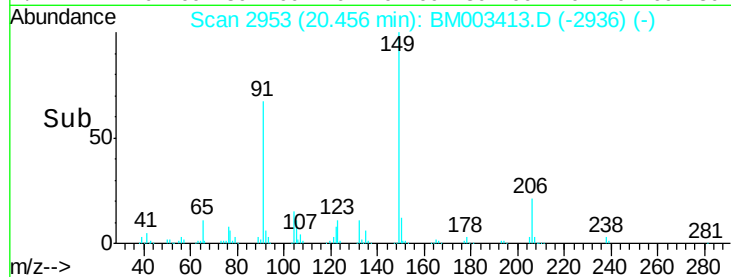
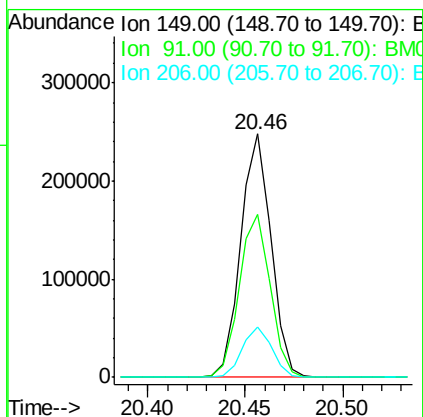
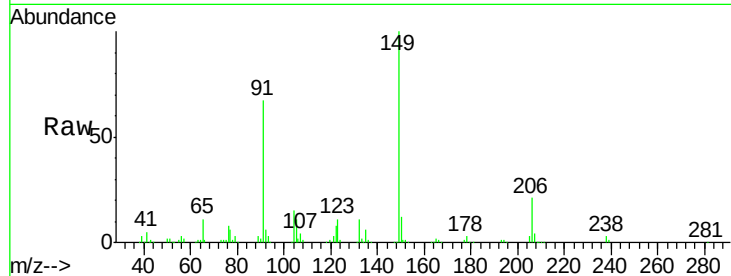




#79
Butylbenzylphthalate
Concen: 26.67 ng
RT: 20.46 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

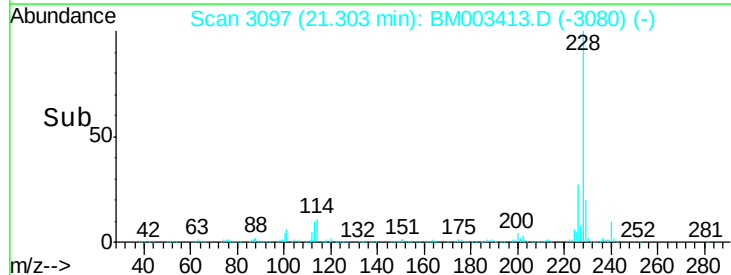
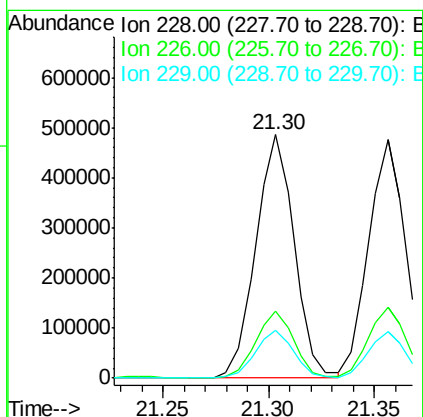
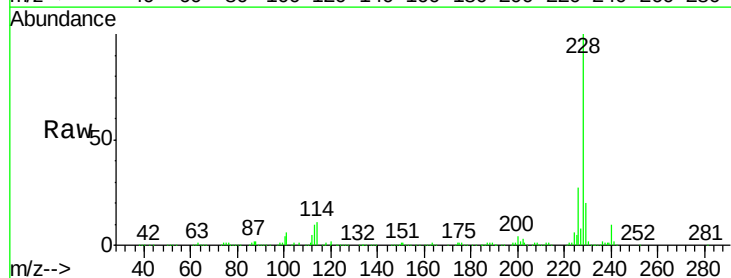
Instrument :
BNA_M
ClientSampleId :

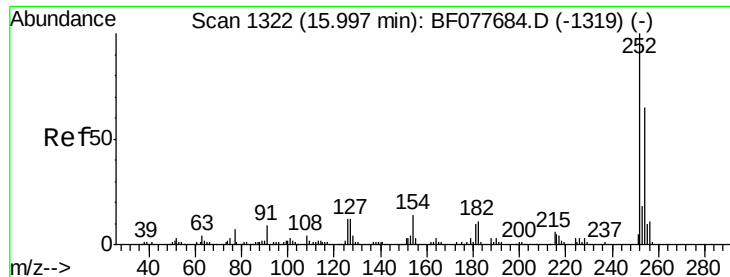
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	50.1	75.1
206	20.7	16.2	24.2



#80
Benzo(a)anthracene
Concen: 25.71 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.6	16.0	24.0

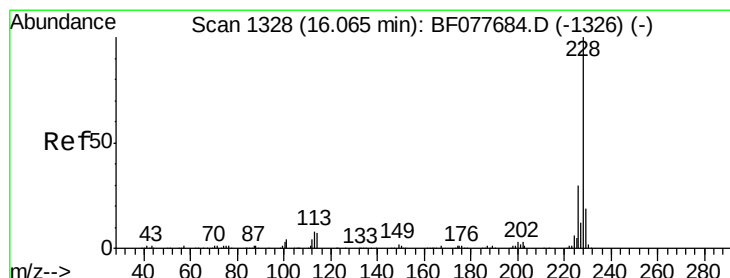
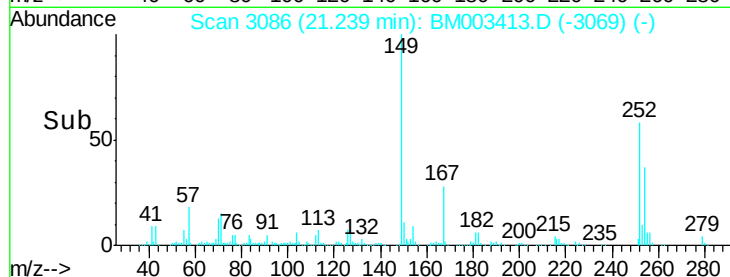
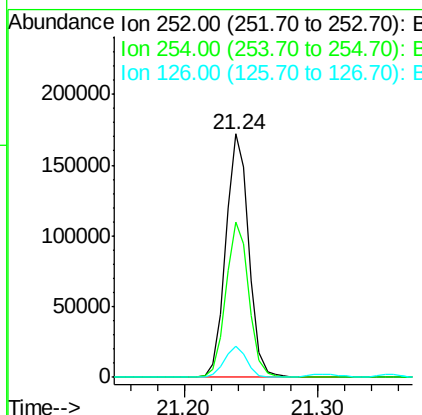
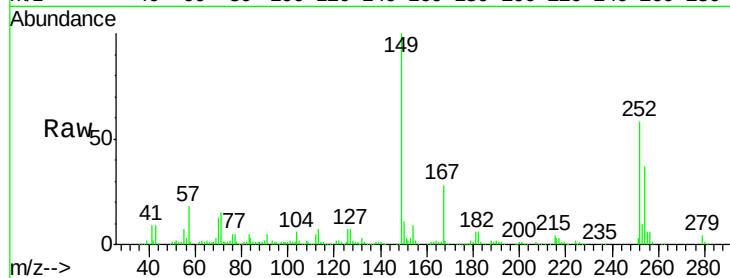




#81
 3,3'-Dichlorobenzidine
 Concen: 26.28 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

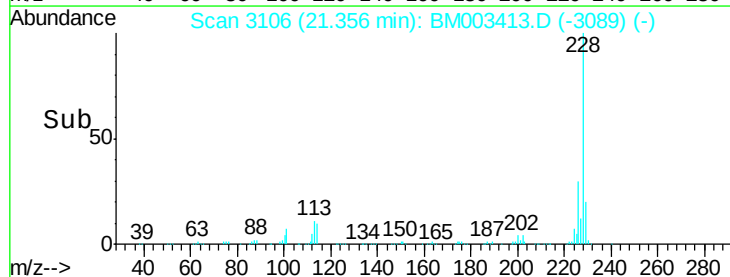
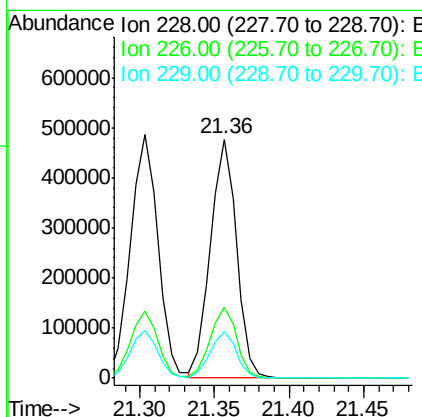
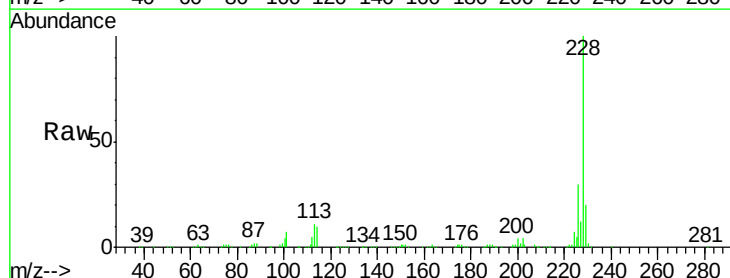
Instrument :
 BNA_M
 ClientSampled :

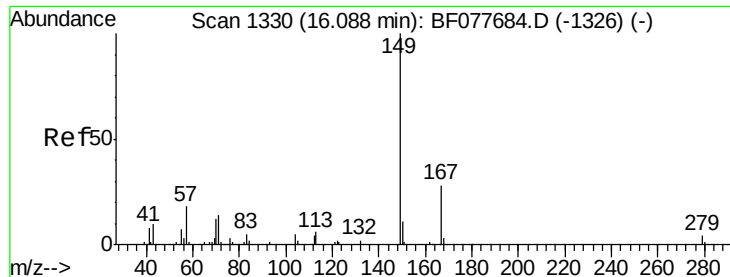
Tot Ion:252 Resp: 208743
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.9 77.9
 126 12.7 9.8 14.8



#82
 Chrysene
 Concen: 26.96 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion:228 Resp: 581679
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.6 15.5 23.3

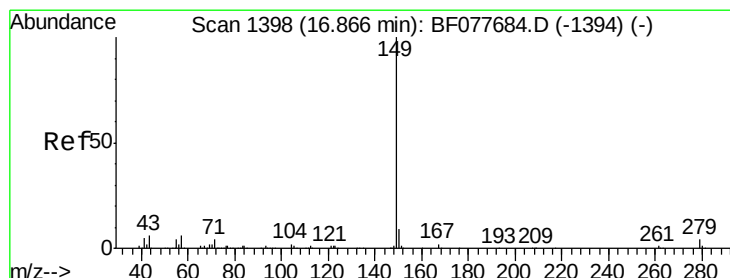
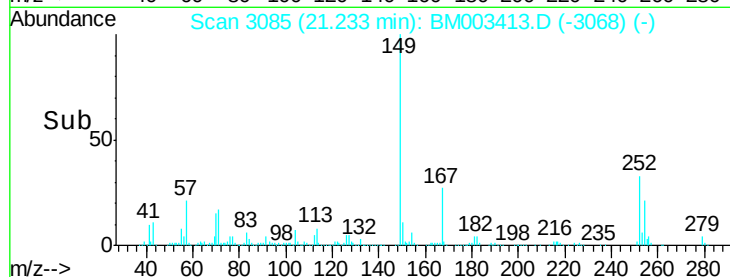
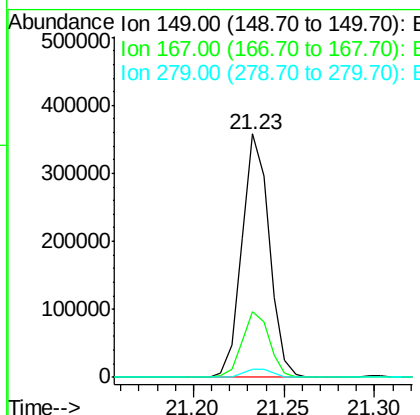
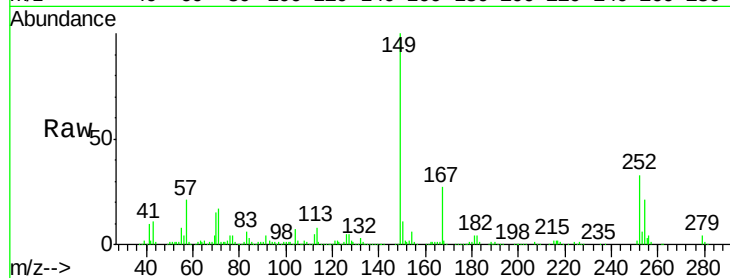




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.83 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

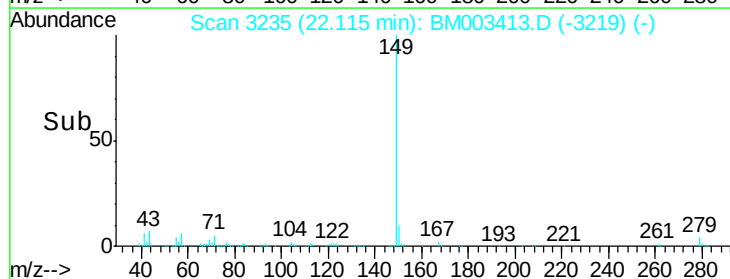
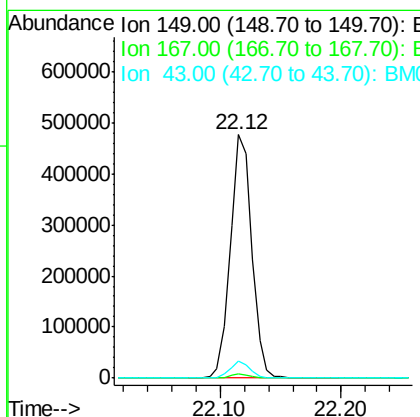
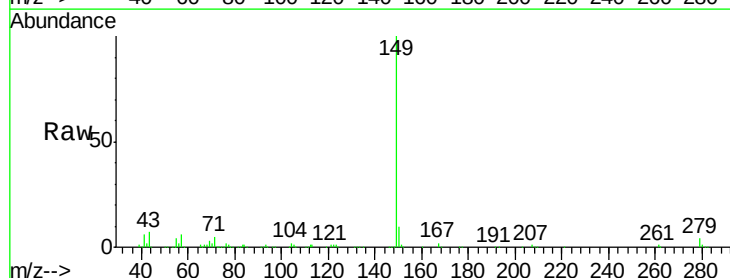
Instrument :
 BNA_M
 ClientSampleId :

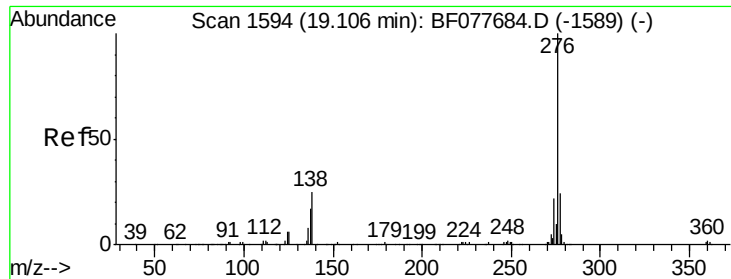
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.4	33.6
279	3.6	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 22.97 ng
 RT: 22.12 min Scan# 3235
 Delta R.T. -0.01 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.7	7.3	10.9#

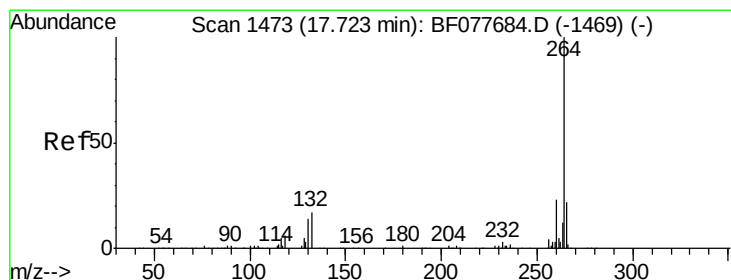
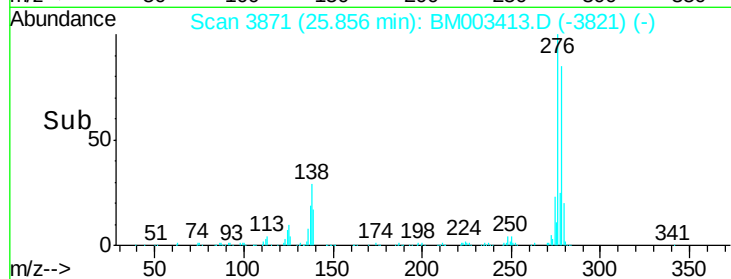
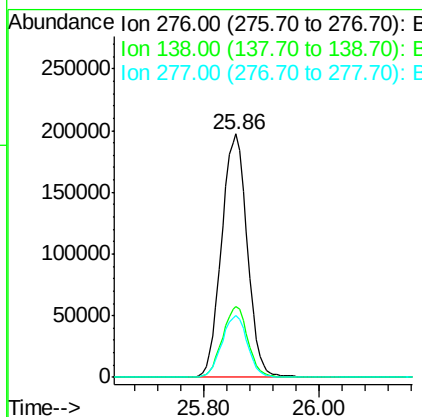
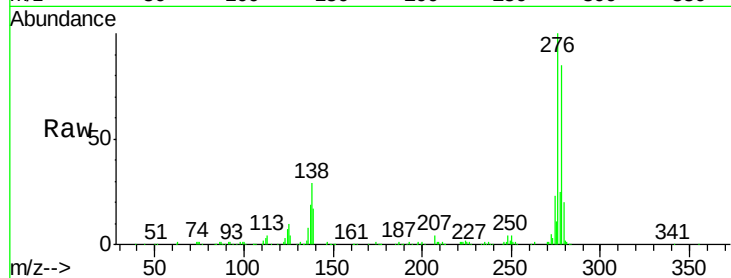




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.78 ng
 RT: 25.86 min Scan# 3871
 Delta R.T. -0.01 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

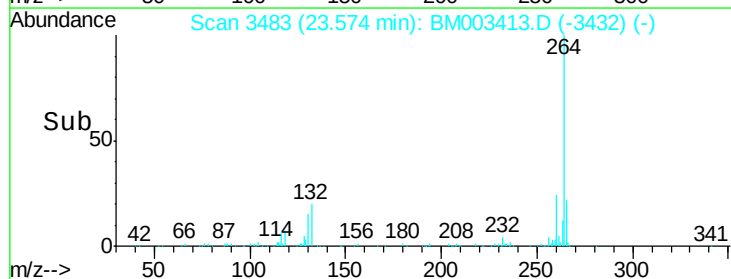
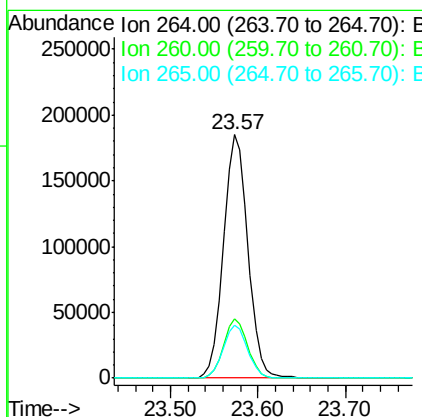
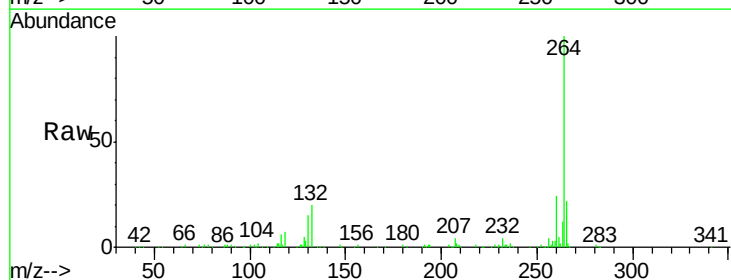
Instrument :
 BNA_M
 ClientSampleId :

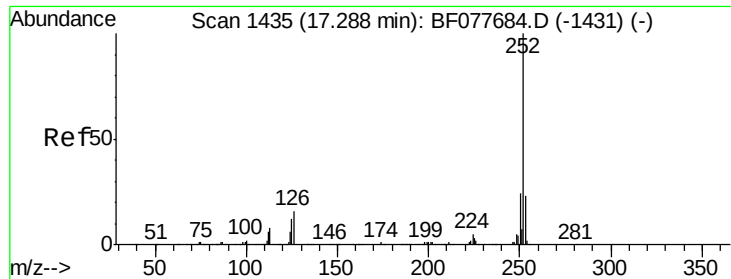
Tot Ion:276 Resp: 609979
 Ion Ratio Lower Upper
 276 100
 138 28.7 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3483
 Delta R.T. -0.00 min
 Lab File: BM003413.D
 Acq: 09 Dec 2015 15:28

Tgt Ion:264 Resp: 354457
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 21.8 17.3 25.9

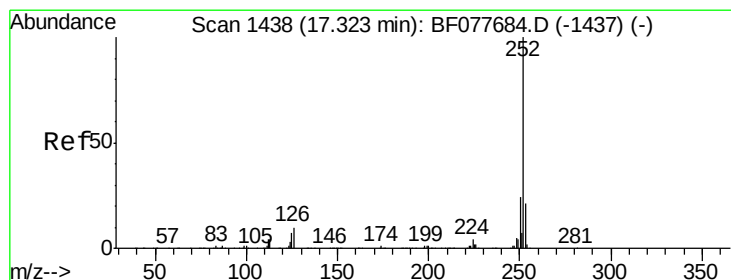
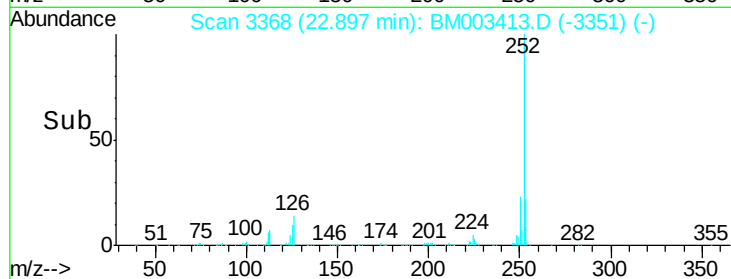
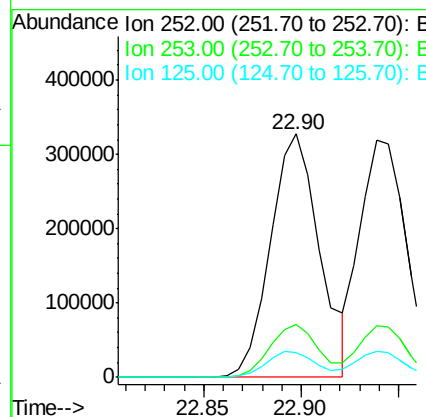
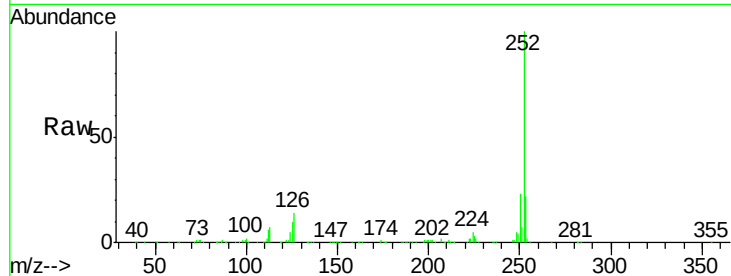




#87
Benzo(b)fluoranthene
Concen: 24.81 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

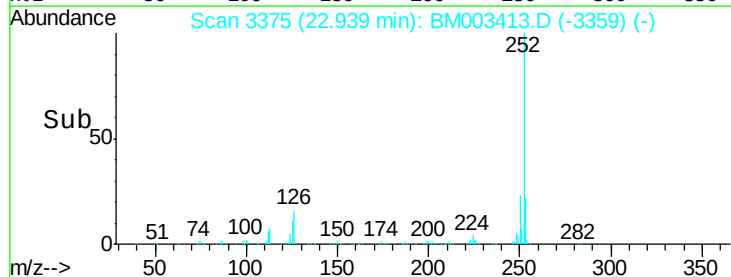
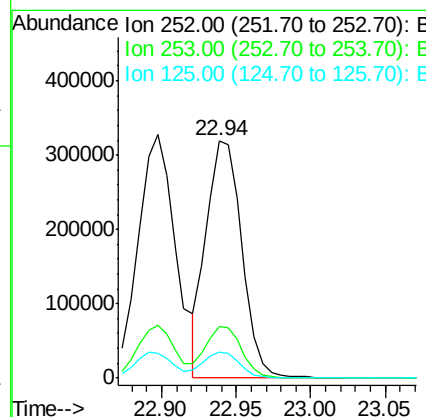
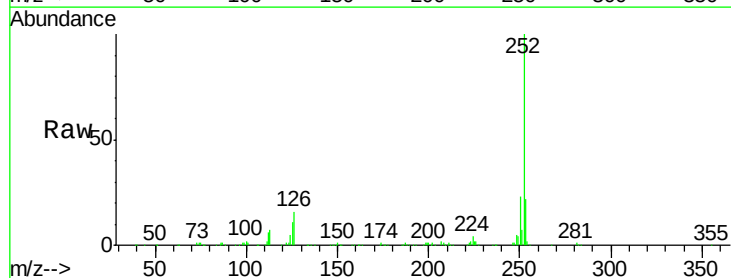
Instrument :
BNA_M
ClientSampleId :

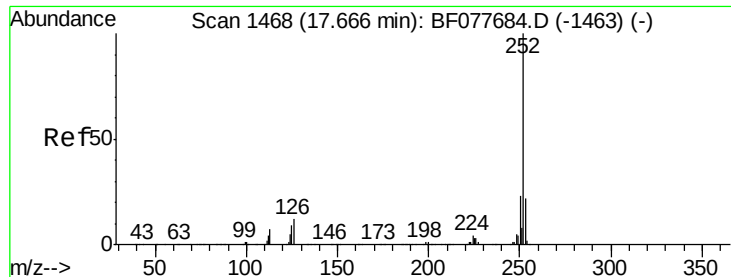
Tot Ion:252 Resp: 569926
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.4 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 28.15 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BM003413.D
Acq: 09 Dec 2015 15:28

Tgt Ion:252 Resp: 526218
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.9 8.1 12.1





#89

Benzo(a)pyrene

Concen: 26.64 ng

RT: 23.47 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

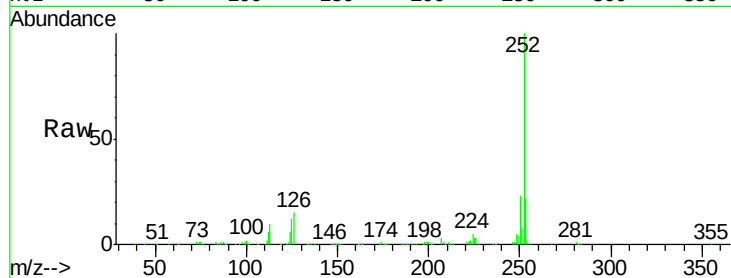
Tot Ion:252 Resp: 521501

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

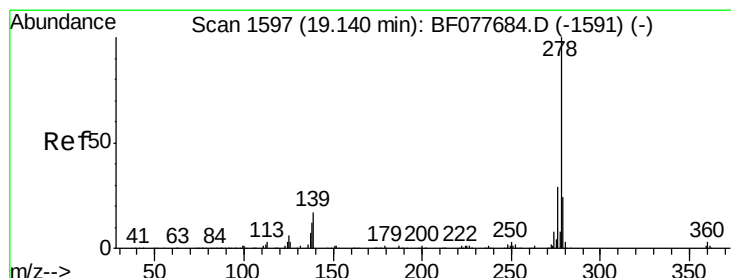
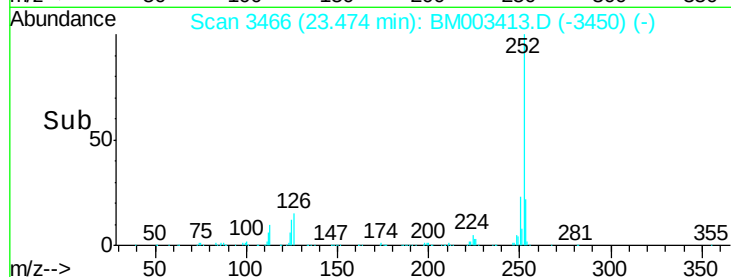
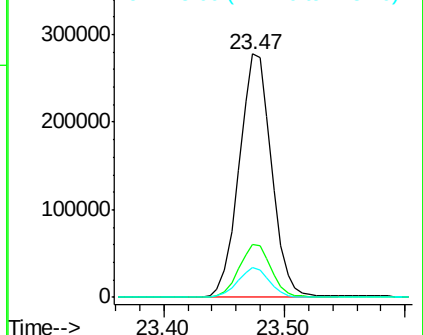
125 12.0 7.4 11.2#



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: 26.13 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

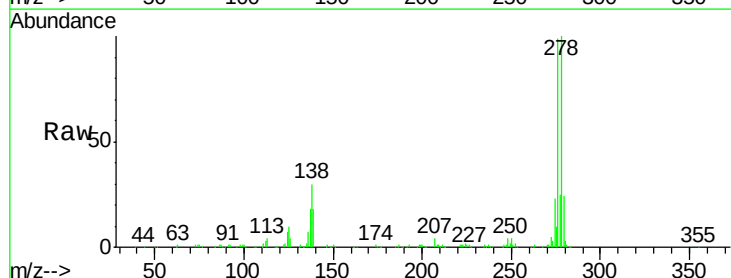
Tgt Ion:278 Resp: 507440

Ion Ratio Lower Upper

278 100

139 18.4 13.4 20.0

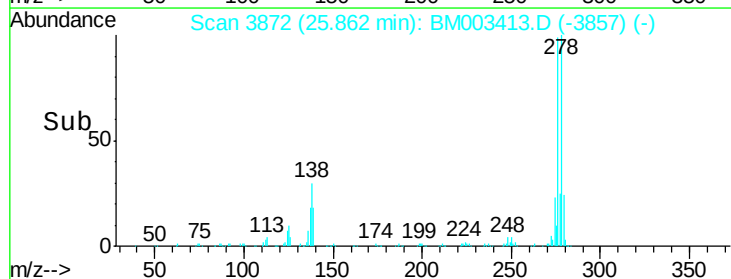
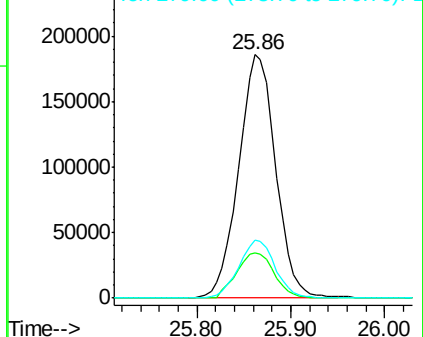
279 23.6 19.0 28.4

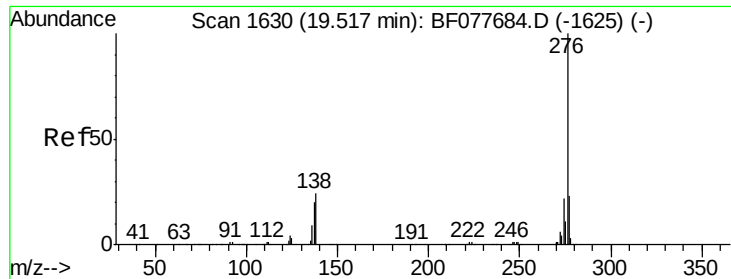


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 25.76 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003413.D

Acq: 09 Dec 2015 15:28

Instrument :

BNA_M

ClientSampleId :

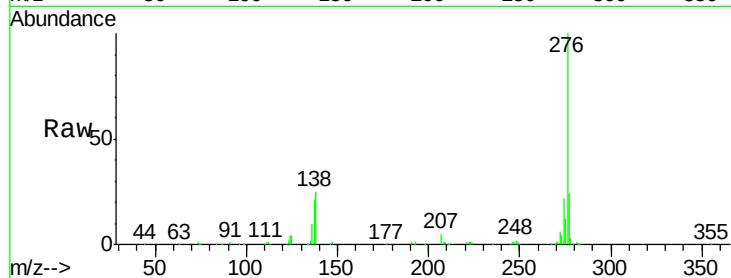
Tot Ion: 276 Resp: 506358

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 25.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

