

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003460.D
 Acq On : 10 Dec 2015 19:47
 Operator : UM/IZ
 Sample : PB87185BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

Quant Time: Dec 11 06:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	75077	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	317845	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	163135	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	306502	20.00	ng	0.00
75) Chrysene-d12	21.32	240	289094	20.00	ng	0.00
86) Perylene-d12	23.57	264	301863	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	296681	70.26	ng	0.00
7) Phenol-d6	6.89	99	384782	65.62	ng	0.00
23) Nitrobenzene-d5	8.88	82	329489	64.27	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	97797	60.03	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	783573	65.44	ng	0.00
78) Terphenyl-d14	19.75	244	727541	59.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	47090	26.88	ng	# 100
3) Pyridine	3.60	79	137062	27.92	ng	89
4) n-Nitrosodimethylamine	3.53	42	49750	31.66	ng	85
6) Aniline	7.05	93	123337	15.98	ng	95
8) 2-Chlorophenol	7.29	128	172093	32.18	ng	95
9) Benzaldehyde	6.86	77	74175	25.80	ng	95
10) Phenol	6.92	94	200596	32.24	ng	# 71
11) bis(2-Chloroethyl)ether	7.15	93	147772	29.36	ng	95
12) 1,3-Dichlorobenzene	7.61	146	175437	29.87	ng	98
13) 1,4-Dichlorobenzene	7.76	146	179822	29.69	ng	98
14) 1,2-Dichlorobenzene	8.07	146	172511	29.83	ng	97
15) Benzyl Alcohol	7.96	79	132527	32.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	147866	27.50	ng	91
17) 2-Methylphenol	8.17	107	138355	31.80	ng	97
18) Hexachloroethane	8.80	117	62447	30.01	ng	91
19) n-Nitroso-di-n-propylamine	8.53	70	110406	28.70	ng	# 87
20) 3+4-Methylphenols	8.49	107	185633	30.84	ng	97
22) Acetophenone	8.54	105	231160	29.67	ng	# 90
24) Nitrobenzene	8.92	77	169410	30.57	ng	# 89
25) Isophorone	9.44	82	301118	29.04	ng	97
26) 2-Nitrophenol	9.63	139	85202	30.39	ng	# 90
27) 2,4-Dimethylphenol	9.69	122	156248	32.01	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	195450	31.37	ng	99
29) 2,4-Dichlorophenol	10.16	162	152990	32.90	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	159858	30.79	ng	98
31) Naphthalene	10.56	128	507469	30.51	ng	99
32) Benzoic acid	9.81	122	80566	30.42	ng	97
33) 4-Chloroaniline	10.67	127	40917	5.96	ng	95
34) Hexachlorobutadiene	10.85	225	93980	30.53	ng	98
35) Caprolactam	11.43	113	40856	26.58	ng	# 71
36) 4-Chloro-3-methylphenol	11.80	107	151981	28.99	ng	92
37) 2-Methylnaphthalene	12.18	142	360455	31.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	168407	32.11	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	193649	66.20	ng	99

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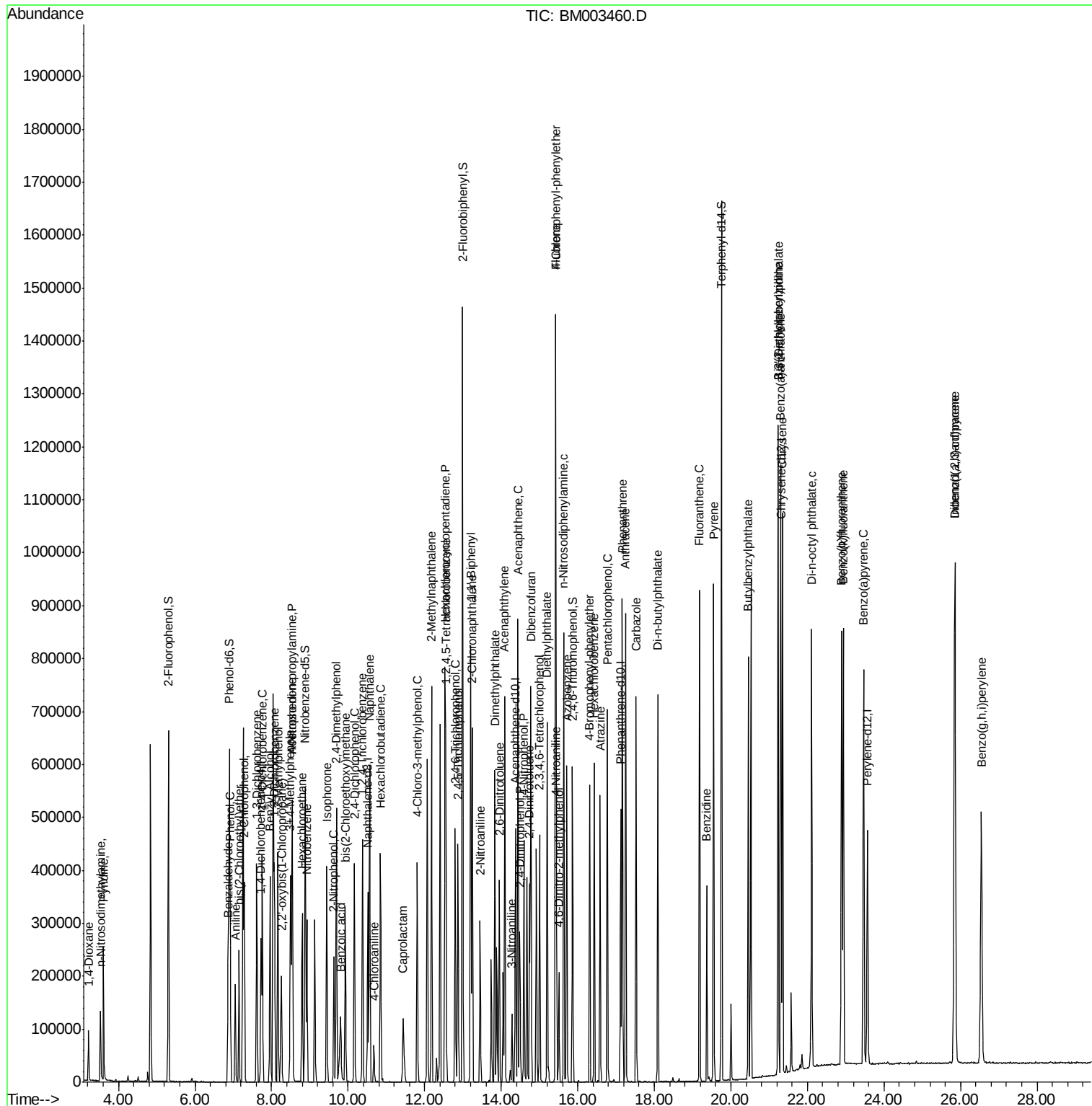
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	112107	32.77	nq	99
43) 2,4,5-Trichlorophenol	12.87	196	118008	32.83	nq	# 90
45) 1,1'-Biphenyl	13.20	154	444572	30.73	nq	98
46) 2-Chloronaphthalene	13.25	162	336160	31.64	nq	# 93
47) 2-Nitroaniline	13.45	65	77434	29.38	nq	94
48) Acenaphthylene	14.09	152	543801	30.70	nq	100
49) Dimethylphthalate	13.83	163	398701	29.66	nq	99
50) 2,6-Dinitrotoluene	13.95	165	84217	30.03	nq	95
51) Acenaphthene	14.44	154	314368	30.62	nq	100
52) 3-Nitroaniline	14.28	138	35055	12.21	nq	86
53) 2,4-Dinitrophenol	14.49	184	63856	43.67	nq	# 82
54) Dibenzofuran	14.77	168	492998	33.25	nq	94
55) 4-Nitrophenol	14.59	139	127922	53.97	nq	80
56) 2,4-Dinitrotoluene	14.74	165	110363	30.33	nq	# 71
57) Fluorene	15.42	166	378520	30.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	93729	33.92	nq	# 100
59) Diethylphthalate	15.20	149	385058	29.17	nq	99
60) 4-Chlorophenyl-phenylether	15.42	204	184434	29.67	nq	93
61) 4-Nitroaniline	15.44	138	77343	26.38	nq	76
62) Azobenzene	15.71	77	339151	32.78	nq	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	47158	25.50	nq	84
65) n-Nitrosodiphenylamine	15.63	169	321114	33.14	nq	98
66) 4-Bromophenyl-phenylether	16.32	248	105119	31.81	nq	# 87
67) Hexachlorobenzene	16.43	284	114141	32.15	nq	# 84
68) Atrazine	16.59	200	100921	33.39	nq	98
69) Pentachlorophenol	16.77	266	118123	58.28	nq	97
70) Phenanthrene	17.16	178	550821	32.03	nq	99
71) Anthracene	17.25	178	548101	32.07	nq	99
72) Carbazole	17.53	167	472966	31.77	nq	99
73) Di-n-butylphthalate	18.09	149	561763	32.28	nq	99
74) Fluoranthene	19.19	202	565814	31.90	nq	98
76) Benzidine	19.37	184	204316	22.06	nq	99
77) Pyrene	19.55	202	589678	29.09	nq	99
79) Butylbenzylphthalate	20.45	149	230311	29.50	nq	94
80) Benzo(a)anthracene	21.30	228	542712	31.31	nq	100
81) 3,3'-Dichlorobenzidine	21.23	252	112914	20.46	nq	99
82) Chrysene	21.35	228	495904	29.73	nq	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	330169	30.83	nq	98
84) Di-n-octyl phthalate	22.11	149	582348	32.92	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.84	276	670242	38.24	nq	# 100
87) Benzo(b)fluoranthene	22.89	252	576384	31.41	nq	97
88) Benzo(k)fluoranthene	22.94	252	532094	29.70	nq	100
89) Benzo(a)pyrene	23.47	252	554529	32.13	nq	# 97
90) Dibenzo(a,h)anthracene	25.86	278	564996	33.53	nq	99
91) Benzo(g,h,i)perylene	26.54	276	568982	33.42	nq	99

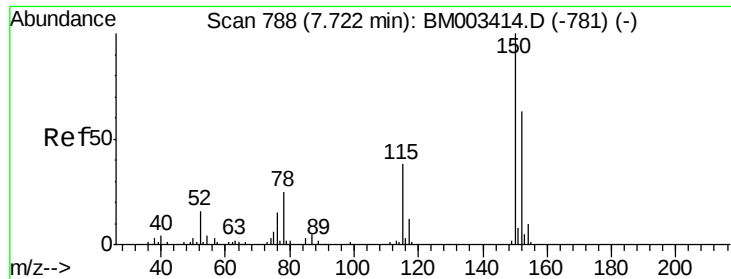
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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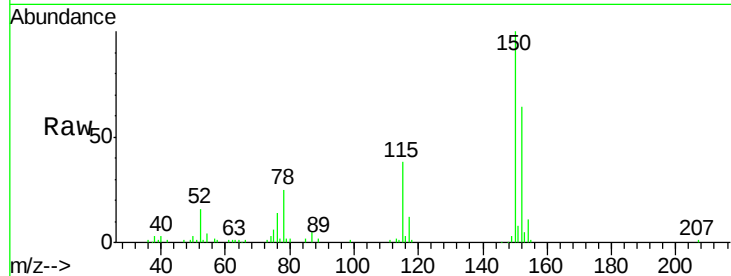


#1

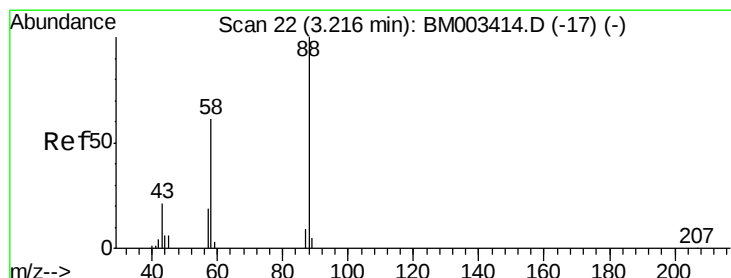
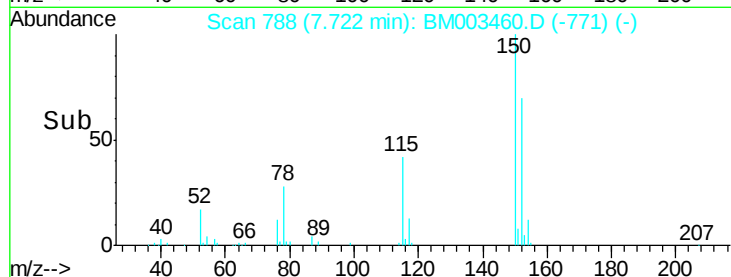
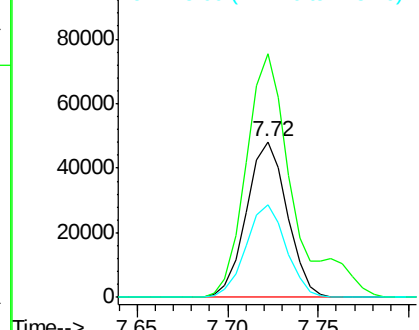
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Instrument :
BNA_M
ClientSampleId :
PB87185BS

Tot Ion:152 Resp: 75077
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 59.7 43.0 64.4



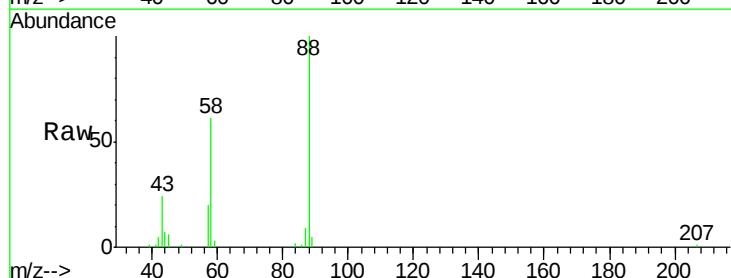
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



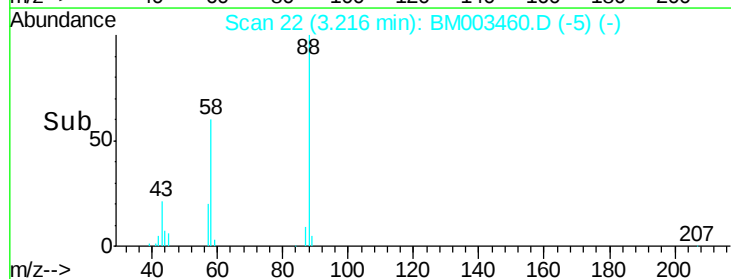
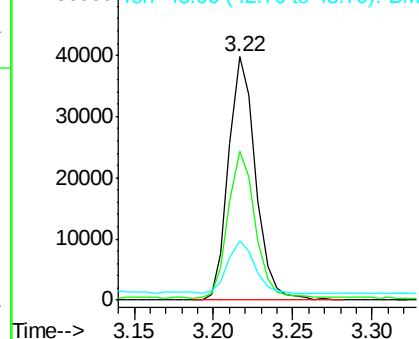
#2

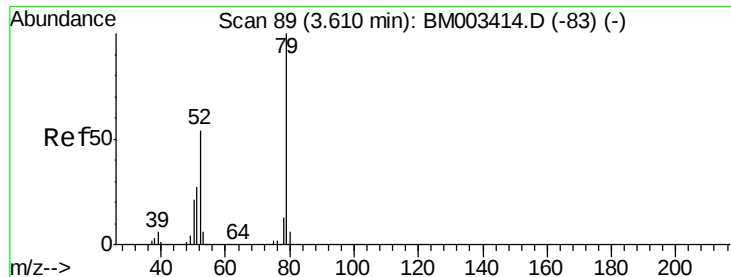
1,4-Dioxane
Concen: 26.88 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 88 Resp: 47090
Ion Ratio Lower Upper
88 100
58 60.1 0.0 0.0#
43 21.5 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: 27.92 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

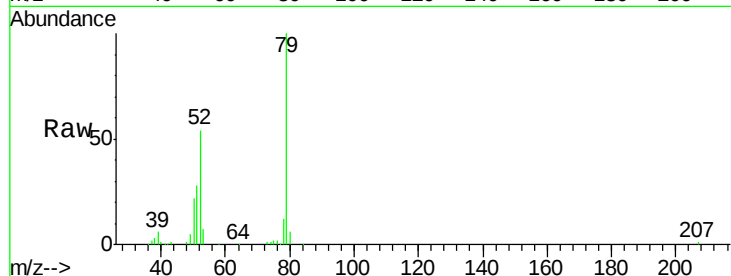
Tot Ion: 79 Resp: 137062

Ion Ratio Lower Upper

79 100

52 54.0 51.1 76.7

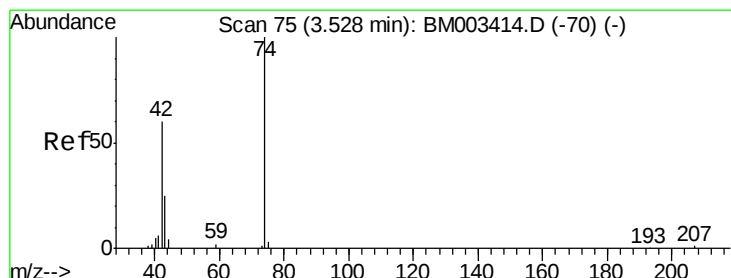
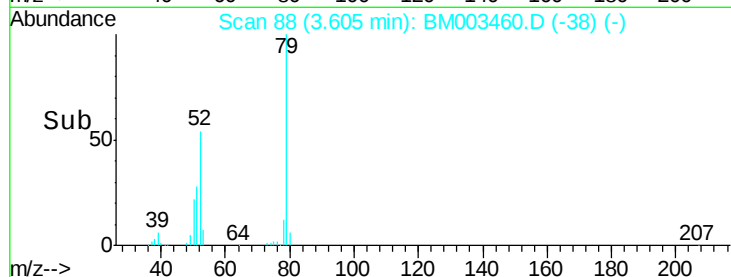
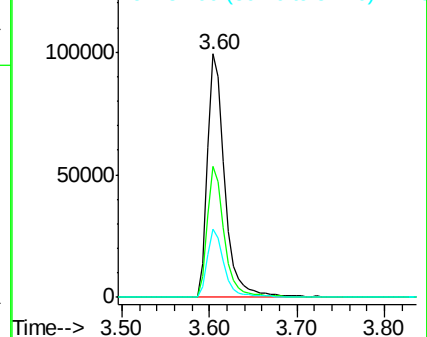
51 27.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003414.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003414.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003414.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 31.66 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

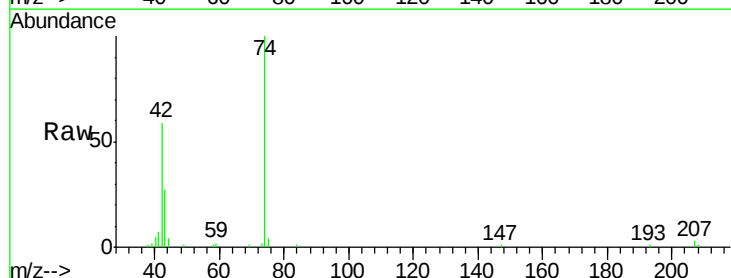
Tgt Ion: 42 Resp: 49750

Ion Ratio Lower Upper

42 100

74 168.6 119.3 178.9

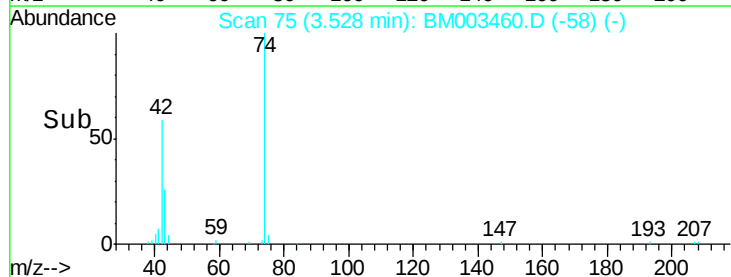
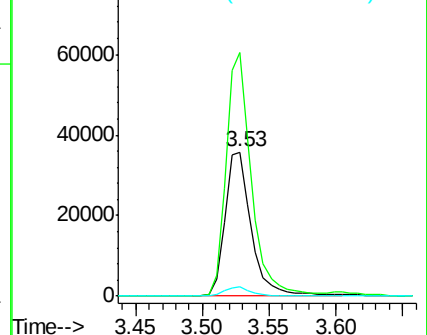
44 6.3 5.4 8.2

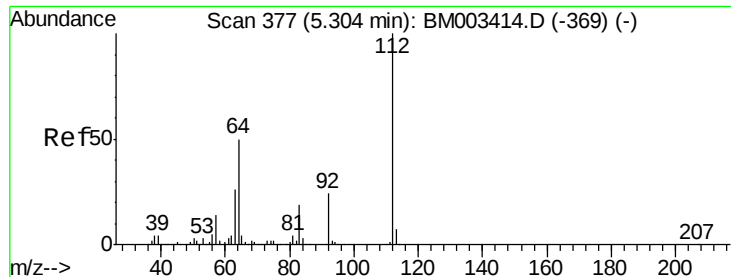


Abundance Ion 42.00 (41.70 to 42.70): BM003414.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM003414.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM003414.D (-70) (-)





#5

2-Fluorophenol

Concen: 70.26 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

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ClientSampled :

PB87185BS

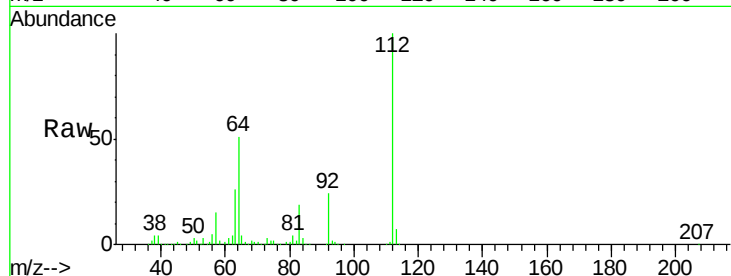
Tot Ion:112 Resp: 296681

Ion Ratio Lower Upper

112 100

64 50.7 38.6 57.8

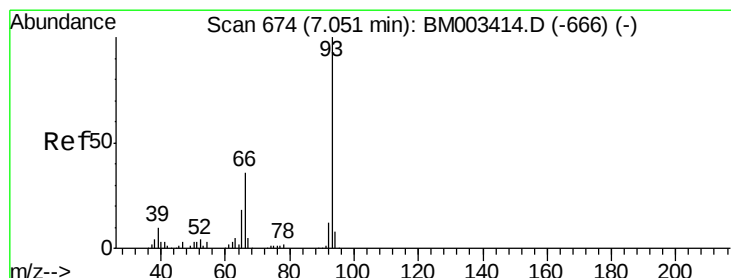
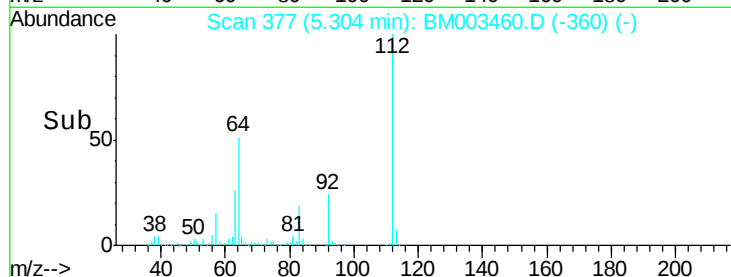
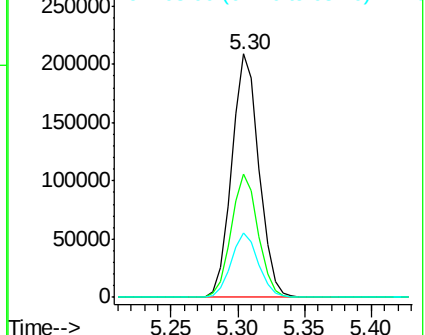
63 26.2 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 15.98 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

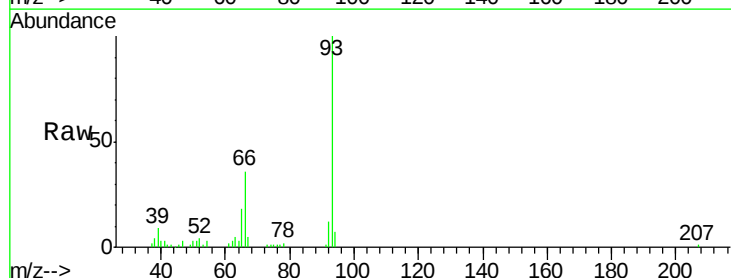
Tgt Ion: 93 Resp: 123337

Ion Ratio Lower Upper

93 100

66 35.8 30.8 46.2

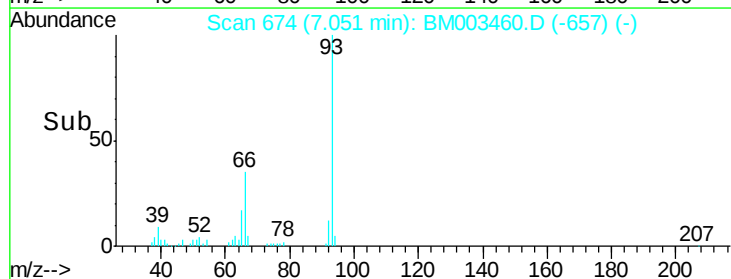
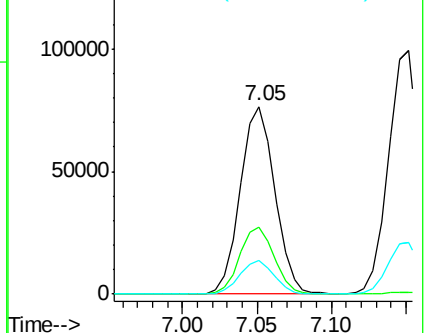
65 17.8 16.0 24.0

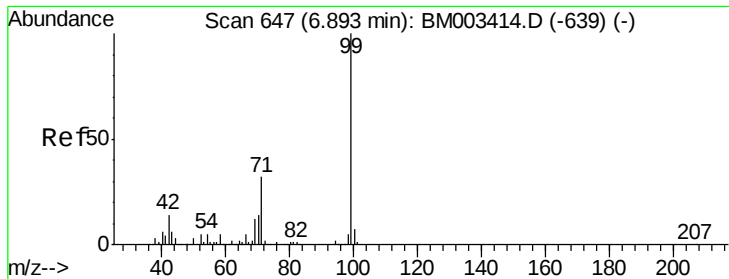


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 65.62 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

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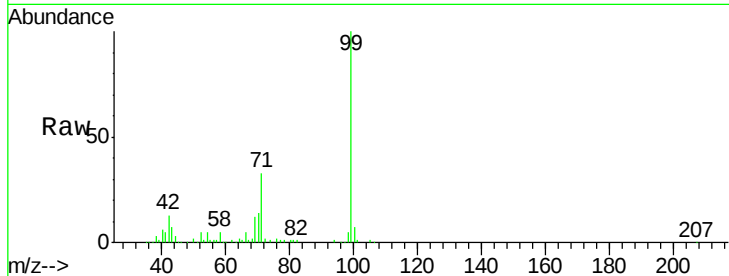
Tot Ion: 99 Resp: 384782

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

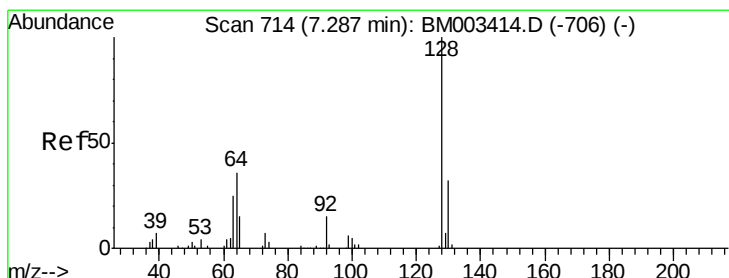
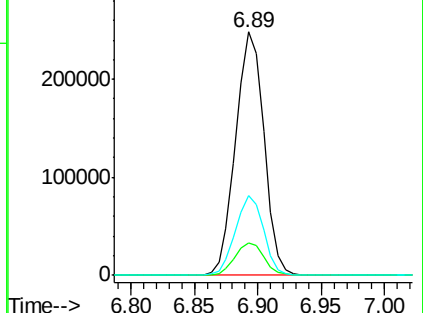
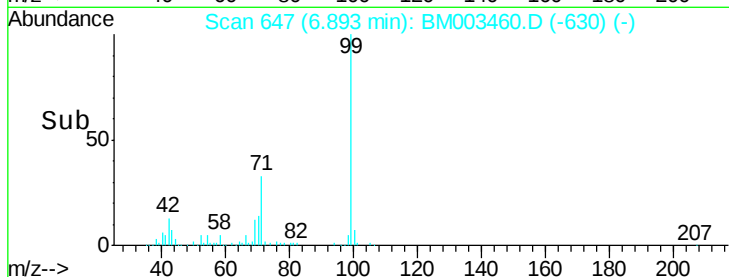
71 32.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003460.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003460.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003460.D (-630) (-)



#8

2-Chlorophenol

Concen: 32.18 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

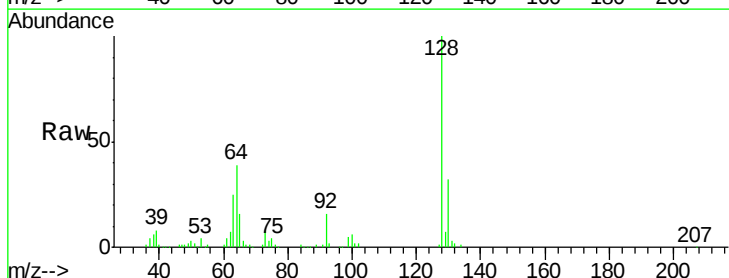
Tgt Ion: 128 Resp: 172093

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

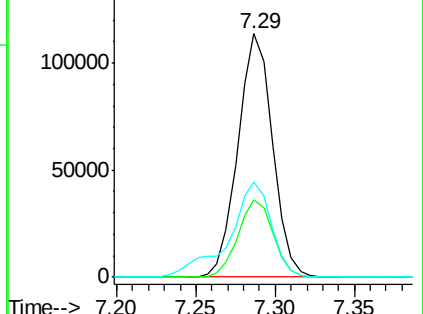
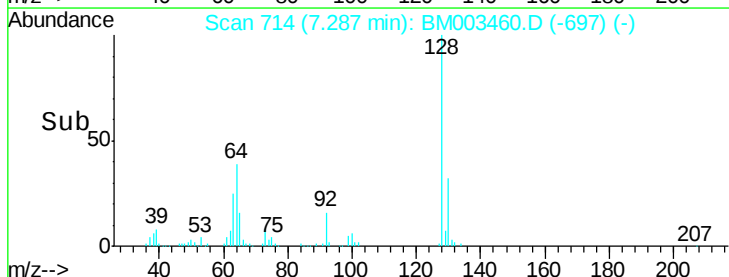
64 39.2 24.9 64.9

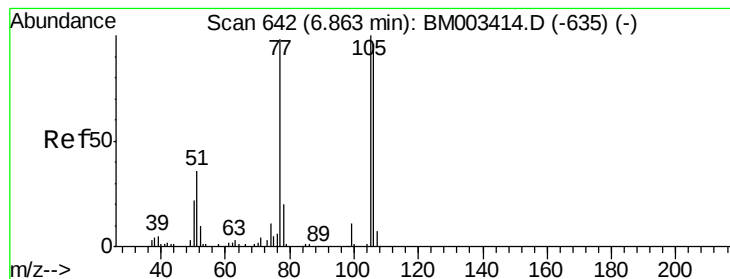


Abundance Ion 128.00 (127.70 to 128.70): BM003460.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003460.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003460.D (-697) (-)





#9

Benzaldehyde

Concen: 25.80 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

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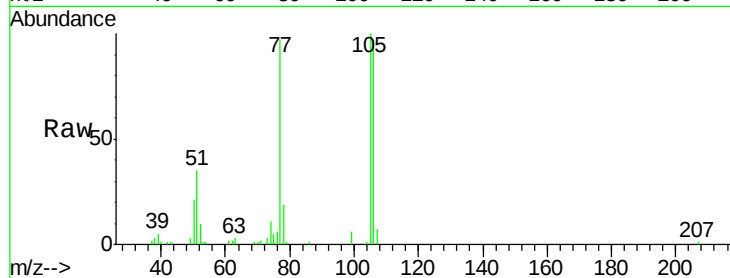
Tot Ion: 77 Resp: 74175

Ion Ratio Lower Upper

77 100

105 102.7 78.8 118.8

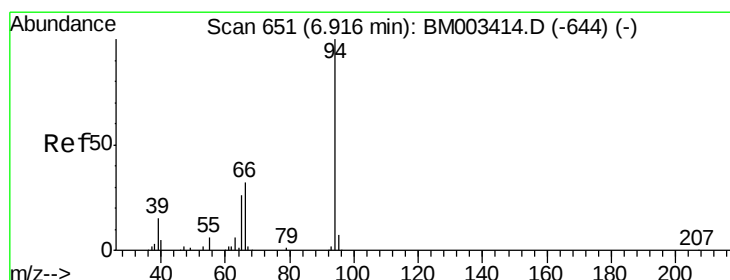
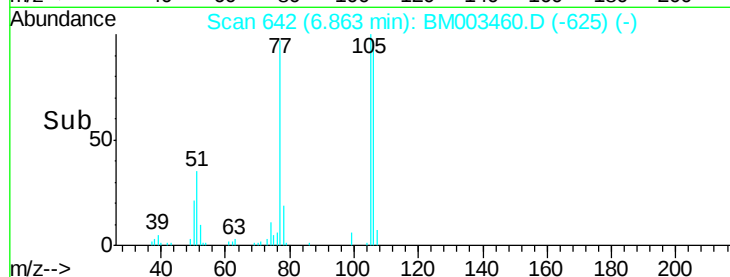
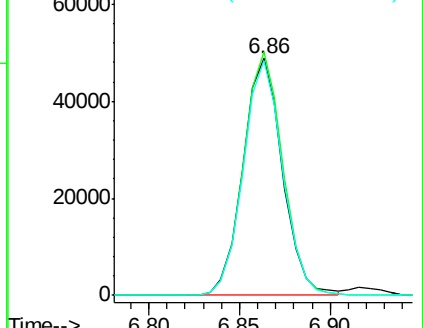
106 99.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM003414.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM003414.D (-635) (-)



#10

Phenol

Concen: 32.24 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

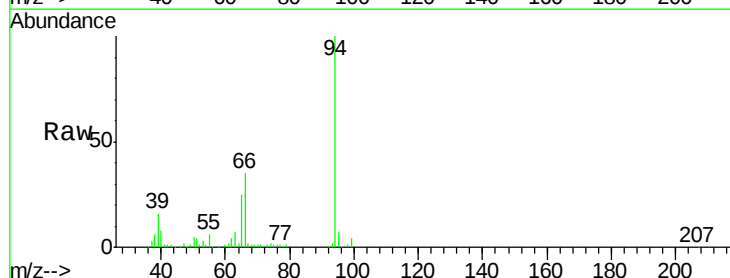
Tgt Ion: 94 Resp: 200596

Ion Ratio Lower Upper

94 100

65 25.3 18.8 58.8

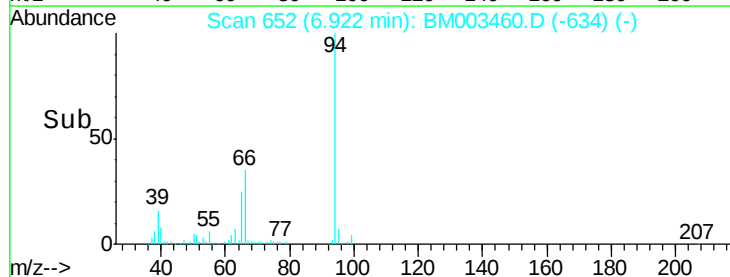
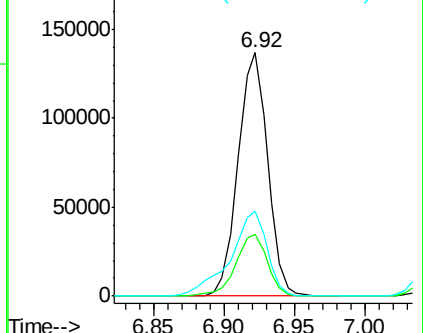
66 35.0 39.9 79.9#

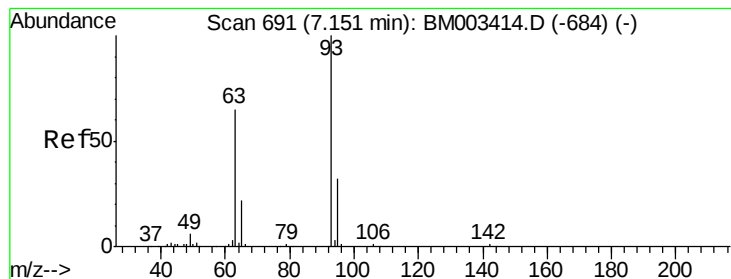


Abundance Ion 94.00 (93.70 to 94.70): BM003414.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM003414.D (-644) (-)





#11

bis(2-Chloroethyl)ether

Concen: 29.36 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

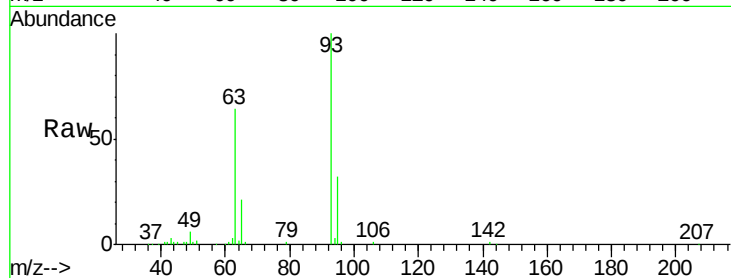
Tot Ion: 93 Resp: 147772

Ion Ratio Lower Upper

93 100

63 64.4 49.5 89.5

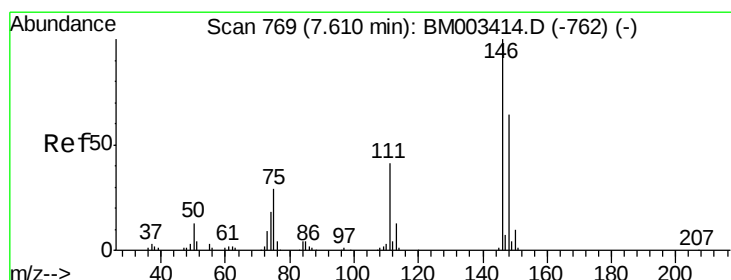
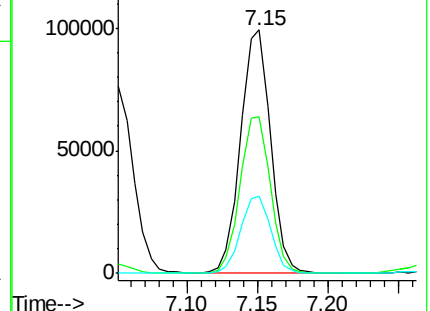
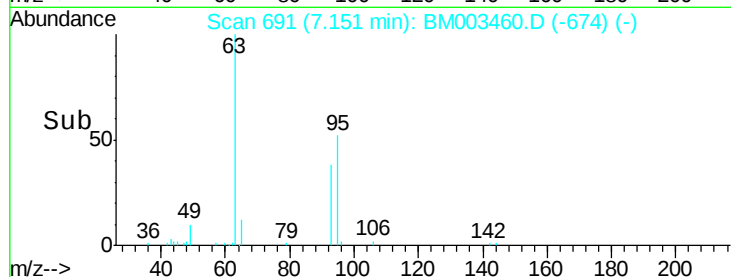
95 31.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM003414.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM003414.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-684) (-)



#12

1,3-Dichlorobenzene

Concen: 29.87 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

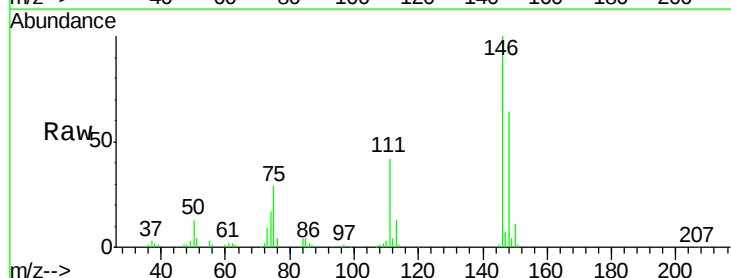
Tgt Ion: 146 Resp: 175437

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

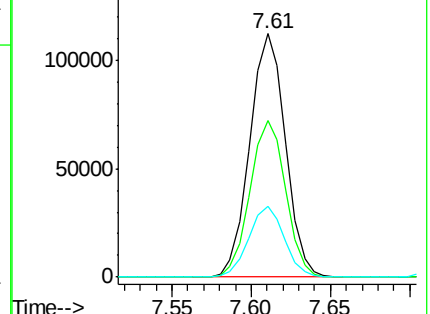
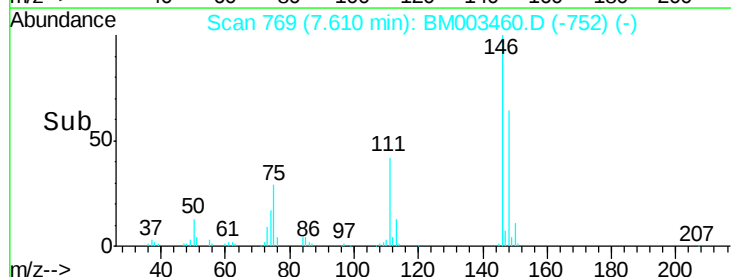
75 28.9 21.4 32.2

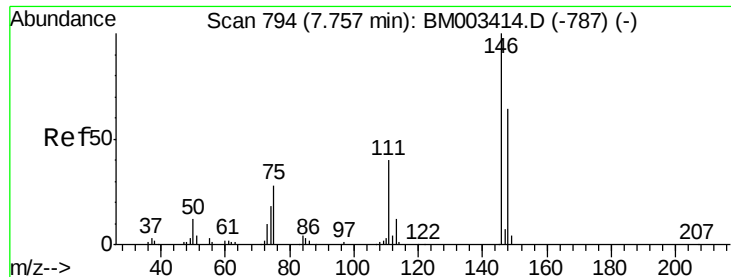


Abundance Ion 146.00 (145.70 to 146.70): BM003414.D (-762) (-)

Ion 148.00 (147.70 to 148.70): BM003414.D (-762) (-)

Ion 75.00 (74.70 to 75.70): BM003414.D (-762) (-)





#13

1,4-Dichlorobenzene

Concen: 29.69 ng

RT: 7.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

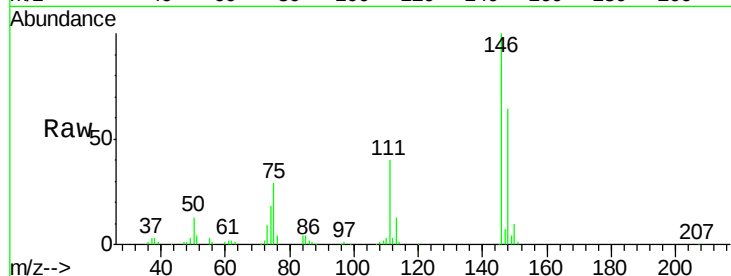
Tot Ion:146 Resp: 179822

Ion Ratio Lower Upper

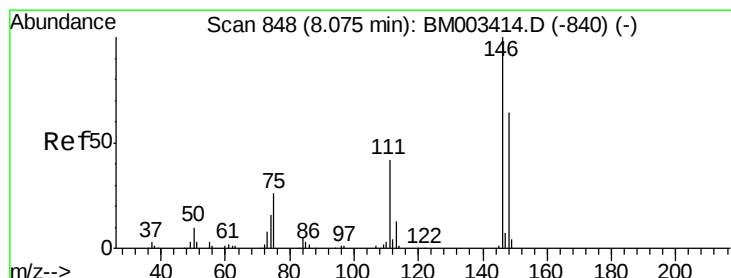
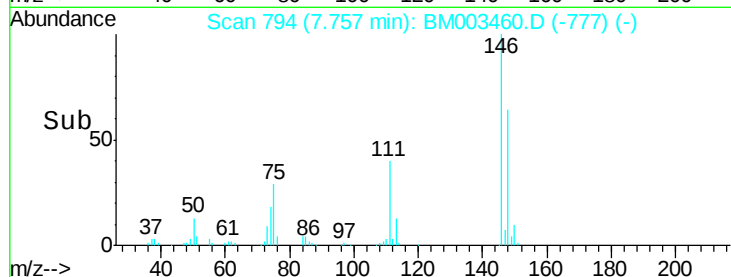
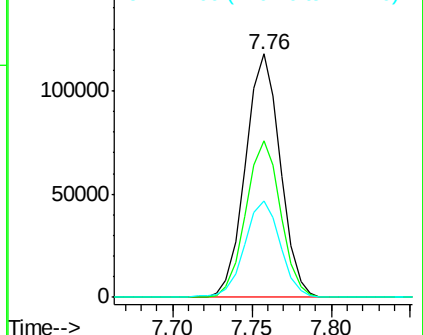
146 100

148 64.4 51.9 77.9

111 39.8 29.2 43.8



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



#14

1,2-Dichlorobenzene

Concen: 29.83 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

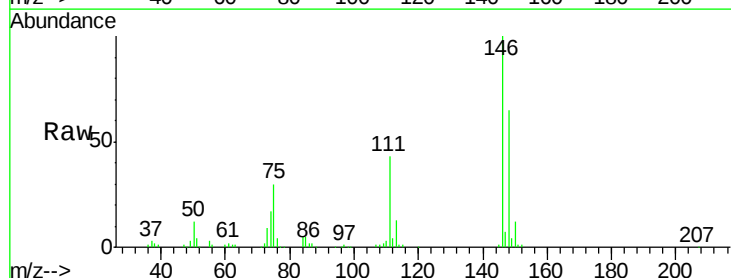
Tgt Ion:146 Resp: 172511

Ion Ratio Lower Upper

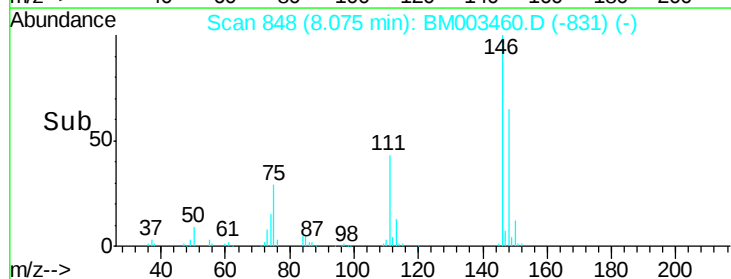
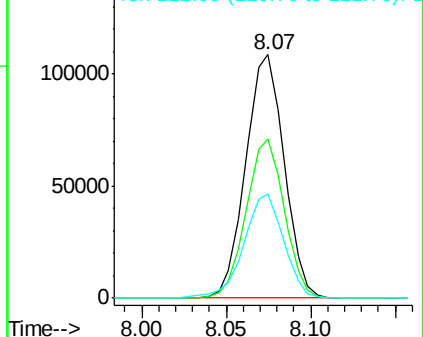
146 100

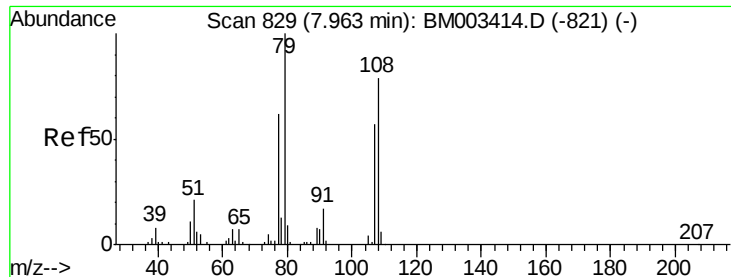
148 65.4 52.3 78.5

111 42.8 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 32.66 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampled :

PB87185BS

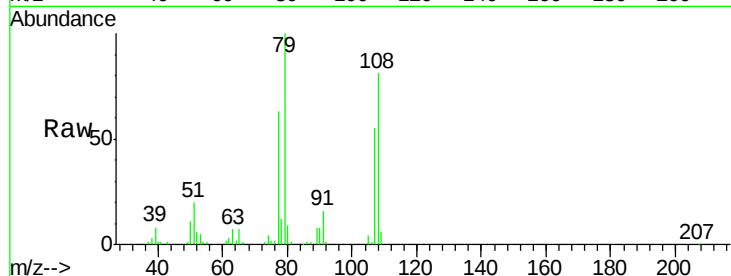
Tot Ion: 79 Resp: 132527

Ion Ratio Lower Upper

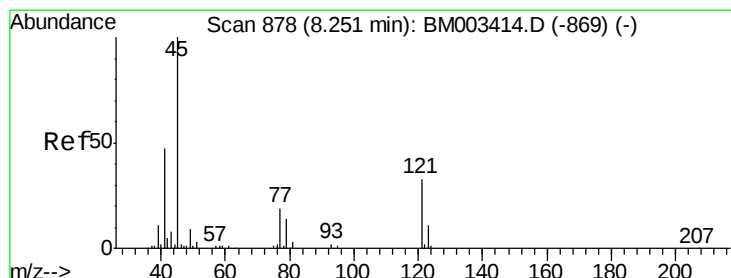
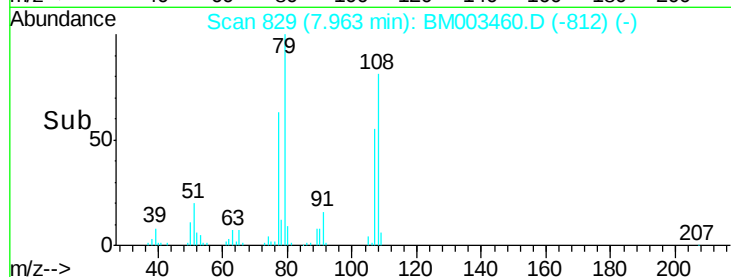
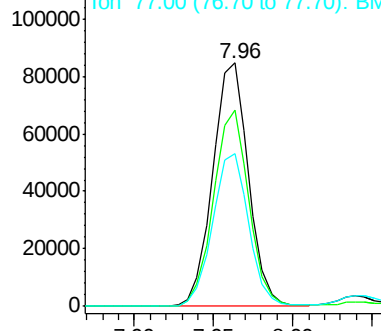
79 100

108 80.6 65.0 97.4

77 62.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM003460.D (-812) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.50 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

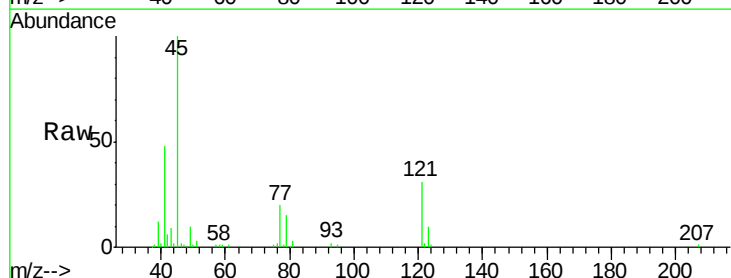
Tgt Ion: 45 Resp: 147866

Ion Ratio Lower Upper

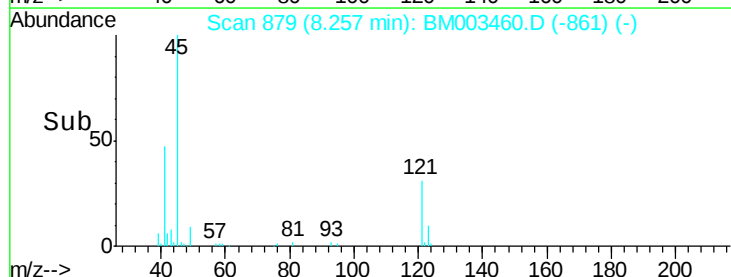
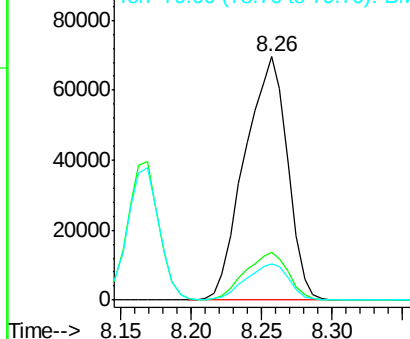
45 100

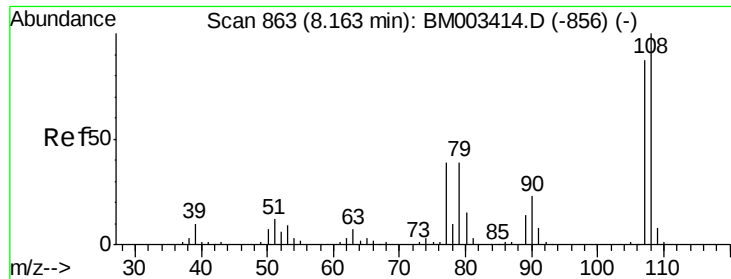
77 19.5 0.0 35.2

79 14.7 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM003460.D (-861) (-)

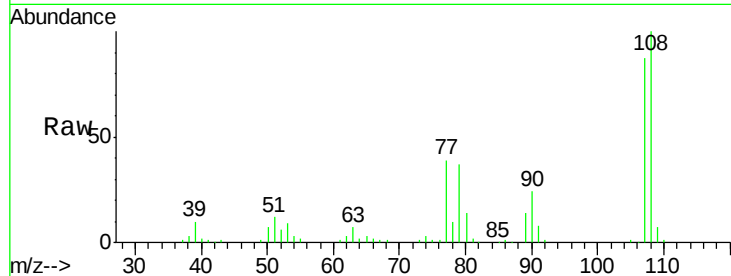




#17
2-Methylphenol
Concen: 31.80 ng
RT: 8.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Instrument :
BNA_M
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.8	134.8
77	45.1	32.6	48.8
79	42.9	32.8	49.2



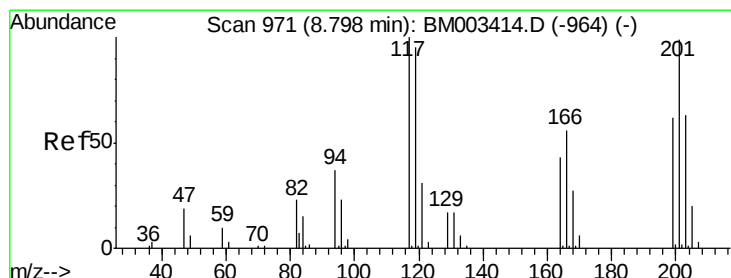
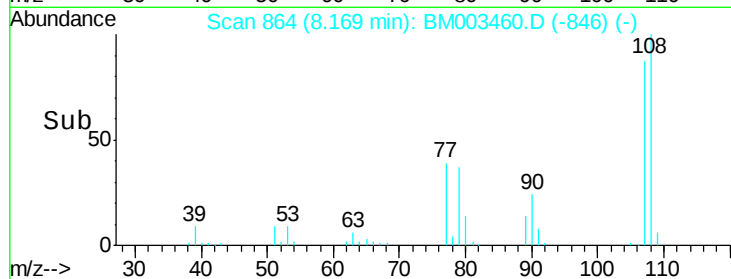
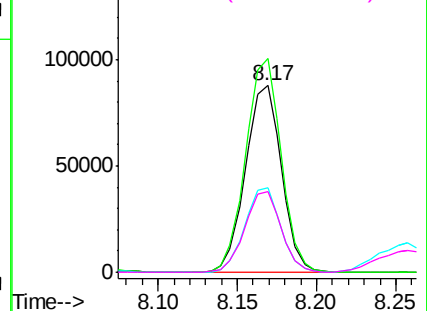
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

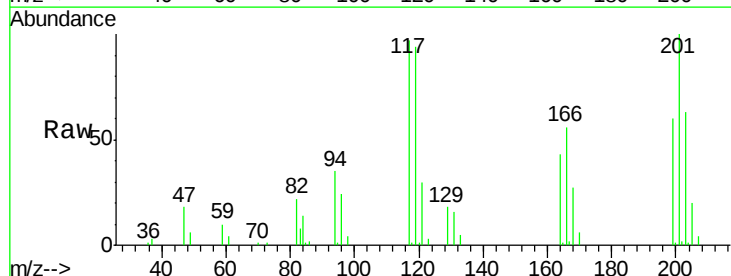
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 30.01 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.2	118.8
201	102.6	69.8	104.6

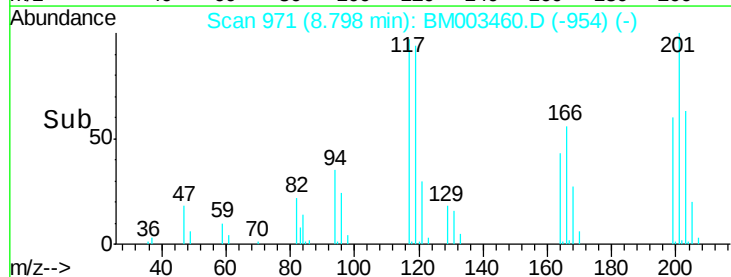
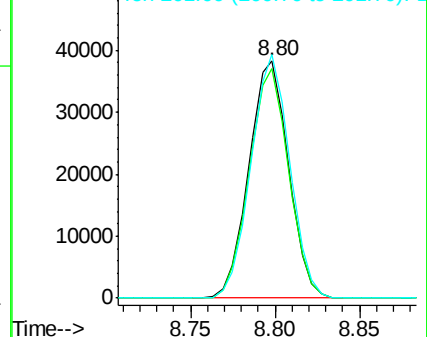


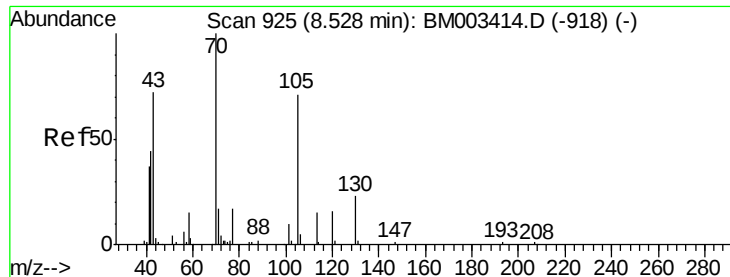
Abundance

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: 28.70 ng

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

Tot Ion: 70 Resp: 110406

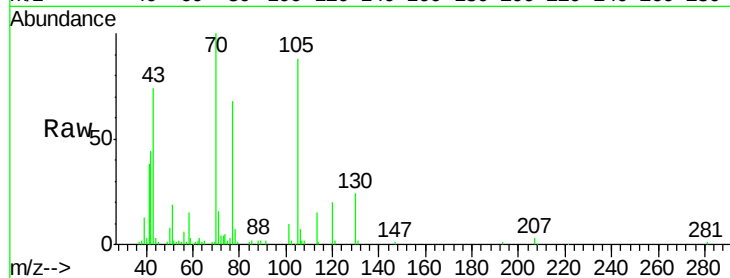
Ion Ratio Lower Upper

70 100

42 43.8 44.5 66.7#

101 10.5 7.4 11.2

130 23.9 15.3 22.9#

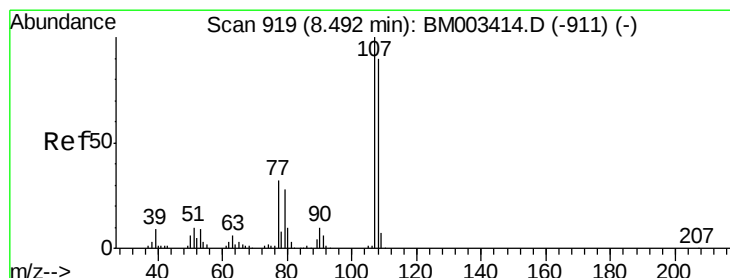
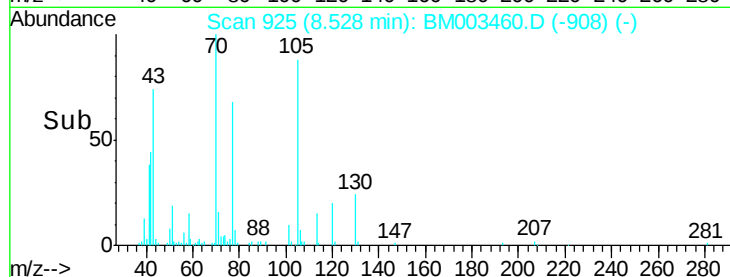
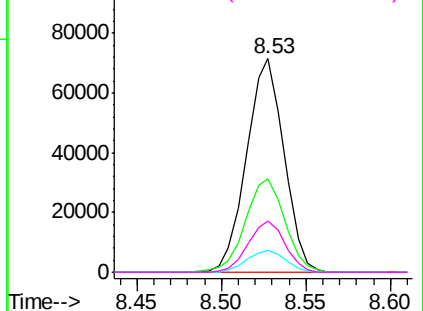


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 30.84 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Tgt Ion: 107 Resp: 185633

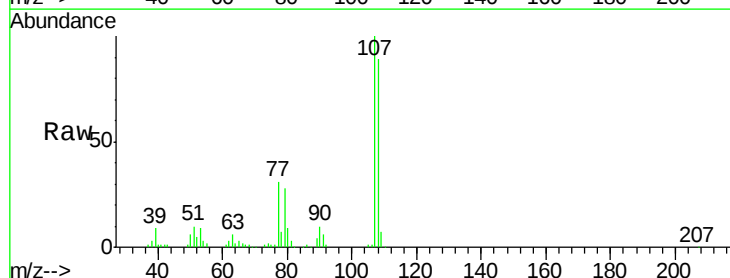
Ion Ratio Lower Upper

107 100

108 88.9 73.2 113.2

77 31.2 10.7 50.7

79 28.2 9.6 49.6

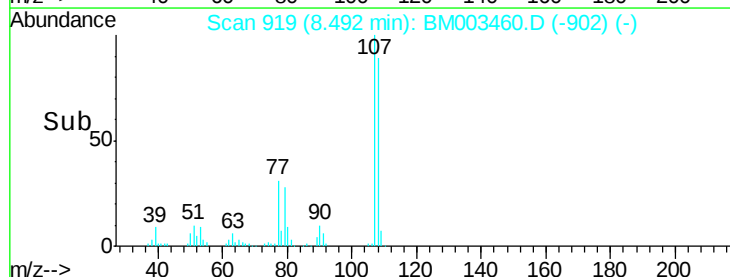
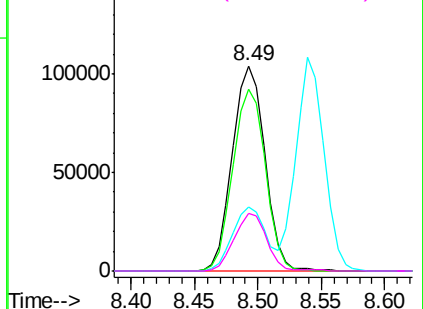


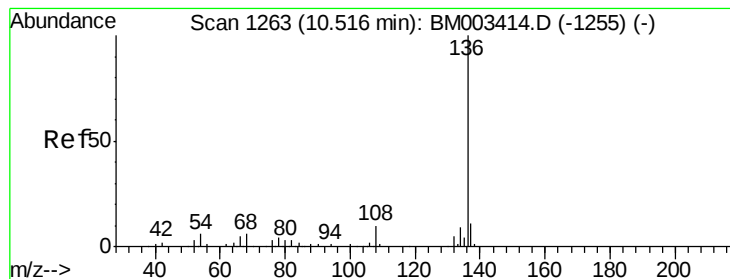
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

Tot Ion:136 Resp: 317845

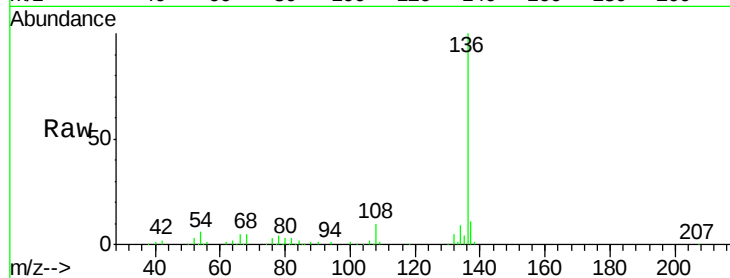
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 4.6 6.8

68 5.5 3.7 5.5

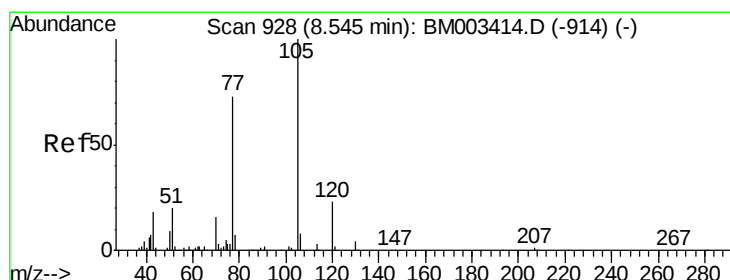
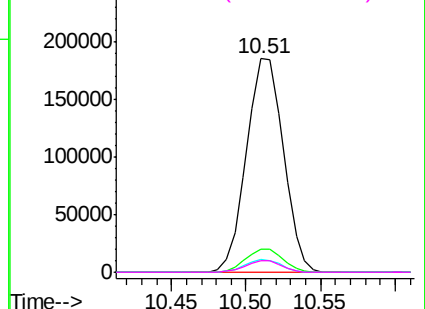
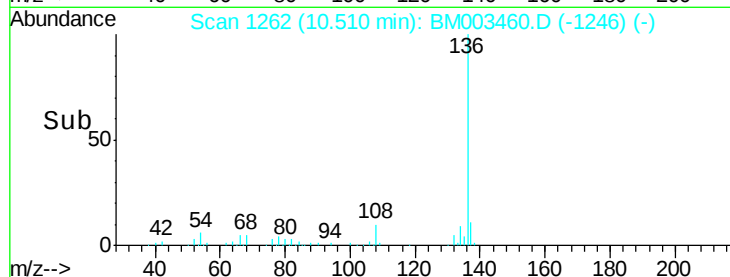


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.67 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Tgt Ion:105 Resp: 231160

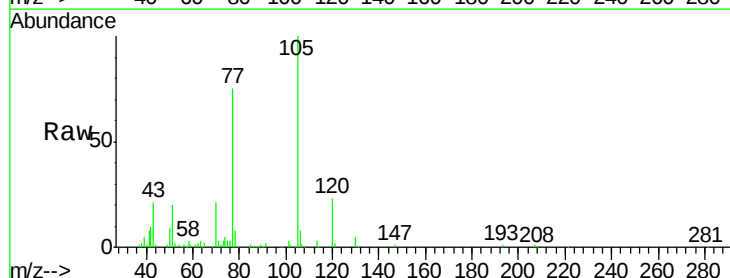
Ion Ratio Lower Upper

105 100

71 3.3 0.6 1.0#

51 20.4 21.6 32.4#

120 23.0 16.1 24.1

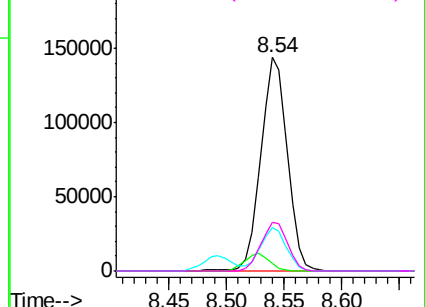
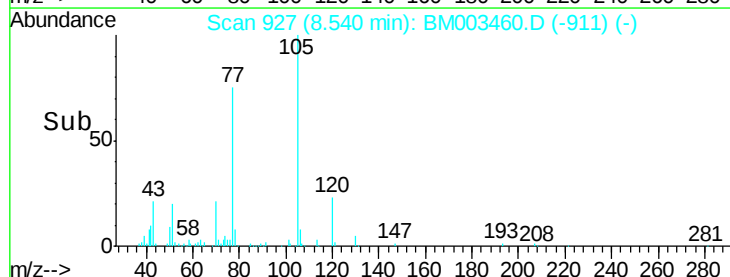


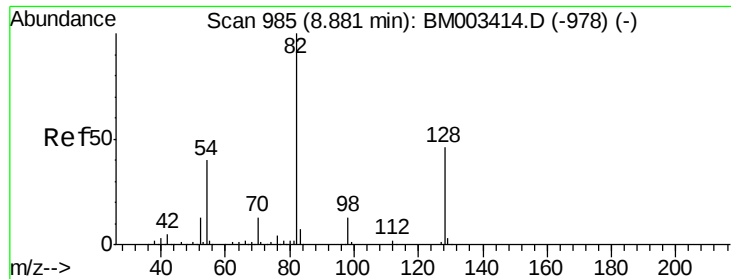
Abundance Ion 105.00 (104.70 to 105.70): E

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

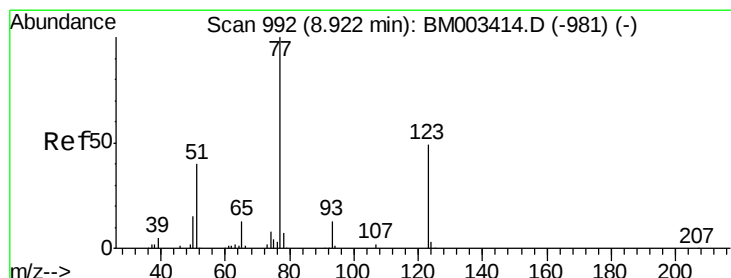
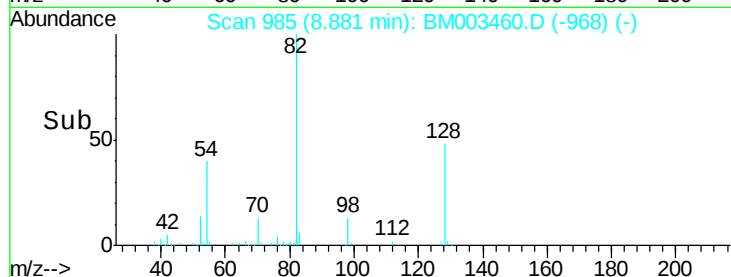
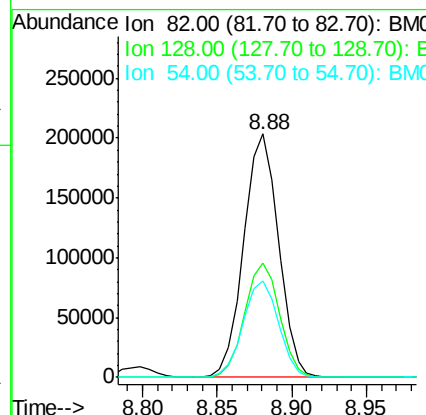
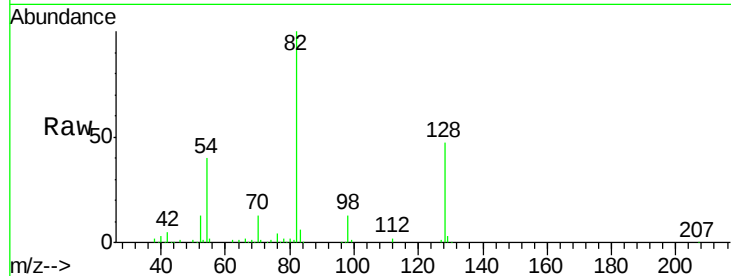




#23
Nitrobenzene-d5
Concen: 64.27 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

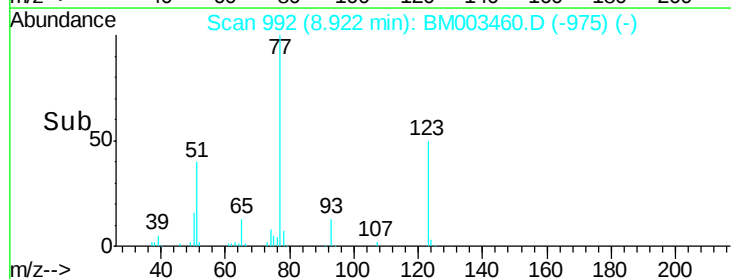
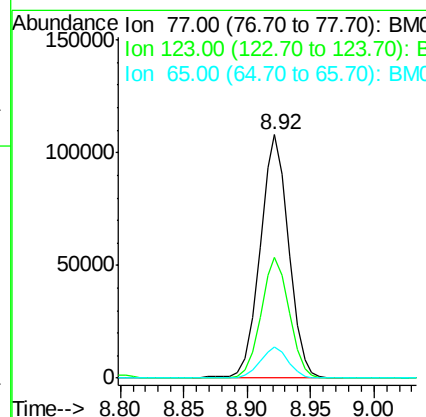
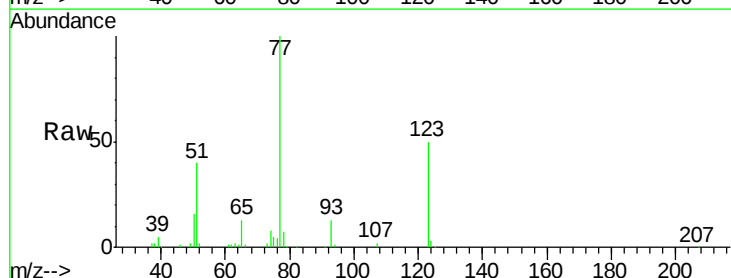
Instrument :
BNA_M
ClientSampleId :
PB87185BS

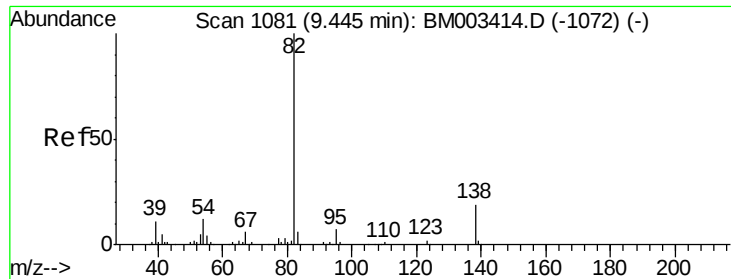
Tot Ion	82	Resp	329489
Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.8	49.2
54	39.6	40.6	60.8#



#24
Nitrobenzene
Concen: 30.57 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	77	Resp	169410
Ion	Ratio	Lower	Upper
77	100		
123	49.5	32.6	49.0#
65	12.8	10.9	16.3

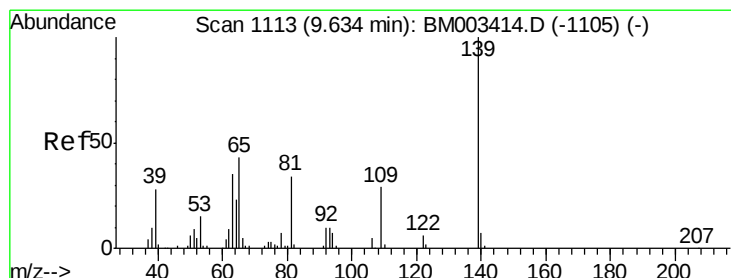
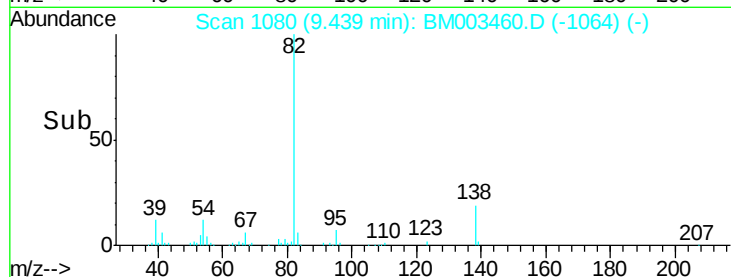
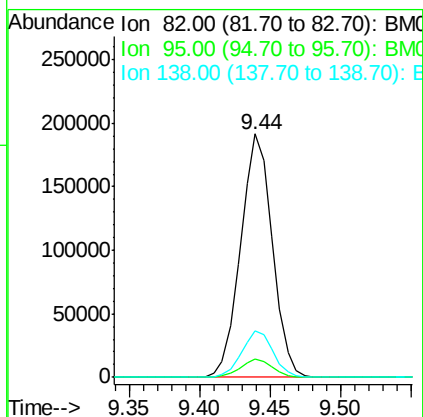
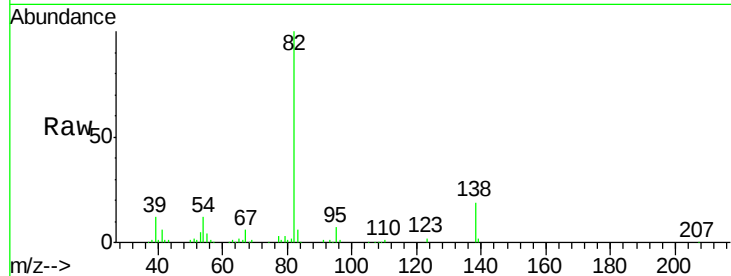




#25
Isophorone
Concen: 29.04 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

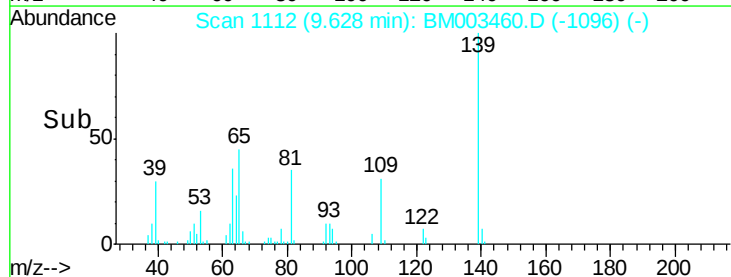
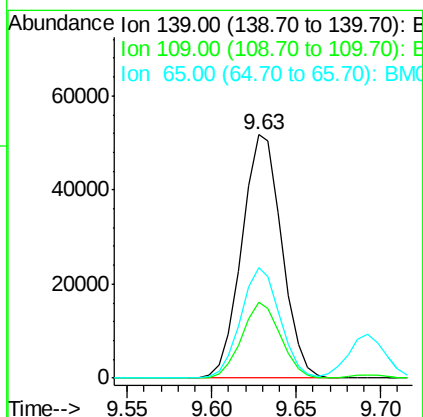
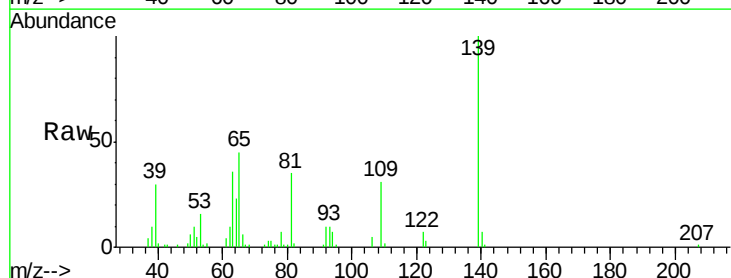
Instrument :
BNA_M
ClientSampleId :
PB87185BS

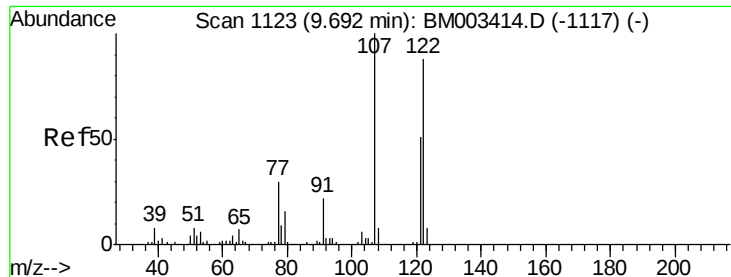
Tot Ion: 82 Resp: 301118
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.8 16.3 24.5



#26
2-Nitrophenol
Concen: 30.39 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 139 Resp: 85202
Ion Ratio Lower Upper
139 100
109 31.1 20.1 30.1#
65 45.2 31.5 47.3

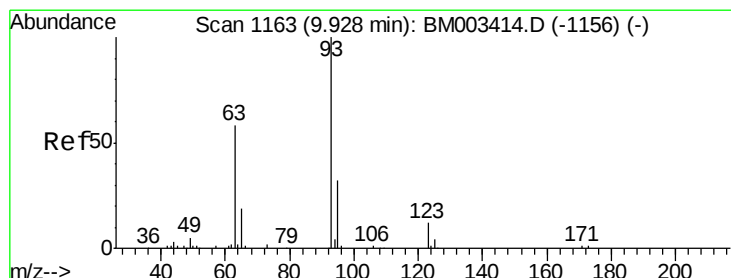
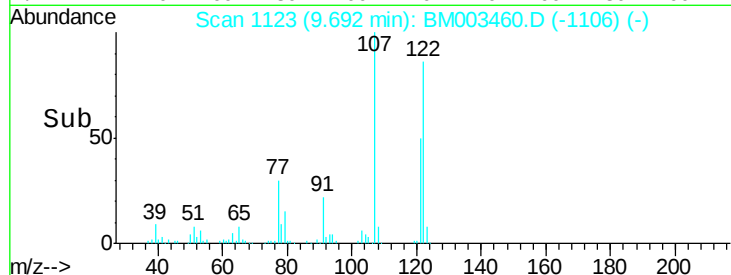
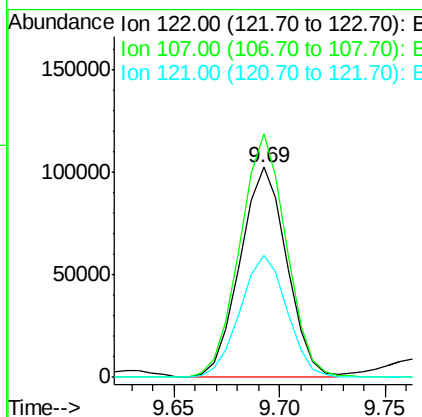
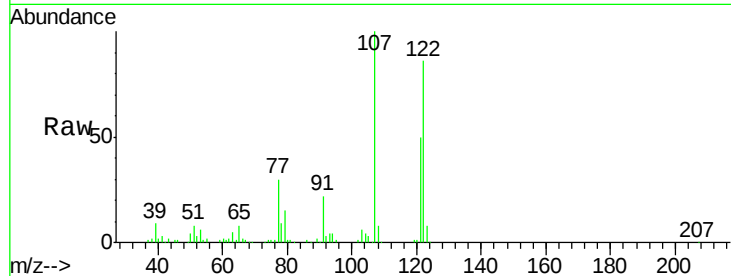




#27
2,4-Dimethylphenol
Concen: 32.01 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

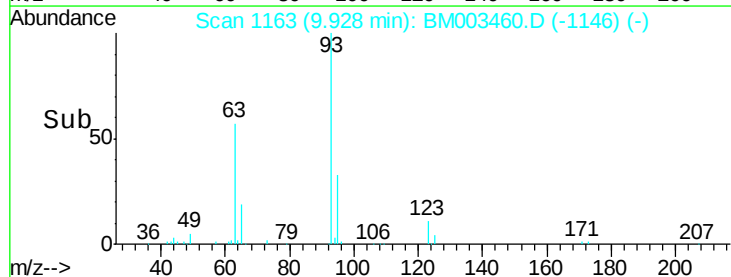
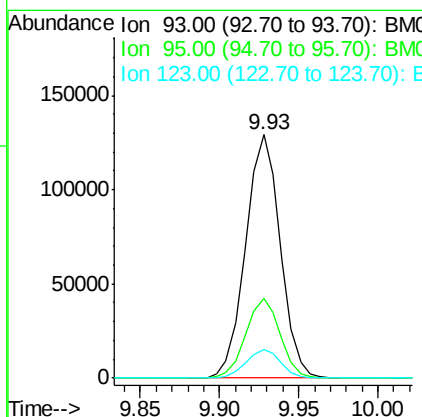
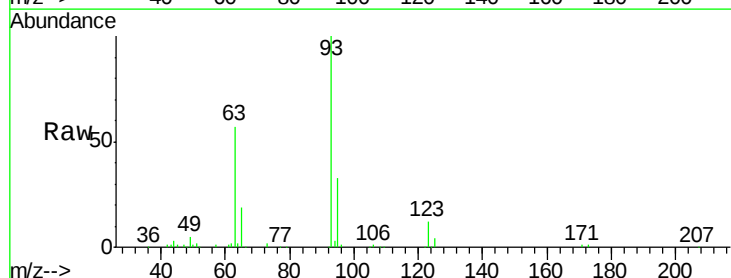
Instrument :
BNA_M
ClientSampleId :
PB87185BS

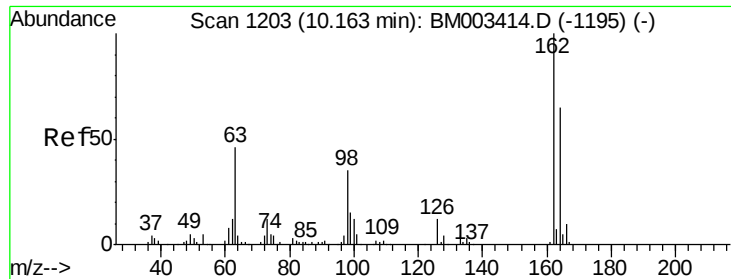
Tot Ion:122 Resp: 156248
Ion Ratio Lower Upper
122 100
107 115.8 84.7 127.1
121 58.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 31.37 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 93 Resp: 195450
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.7 8.6 13.0

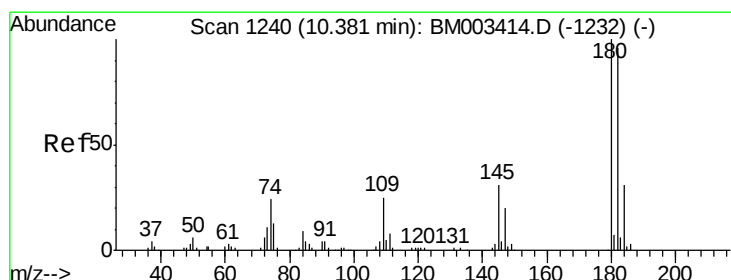
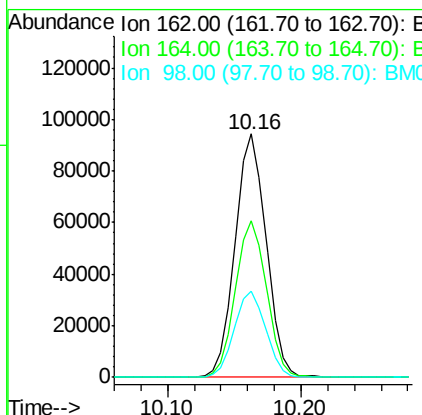
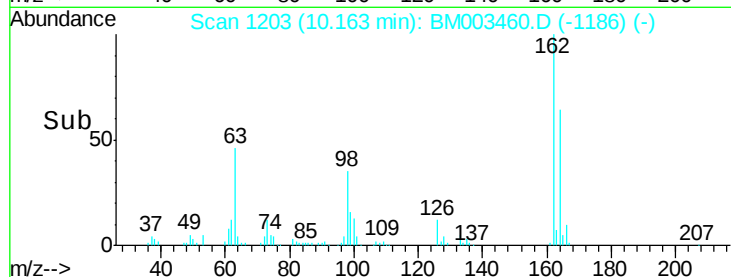
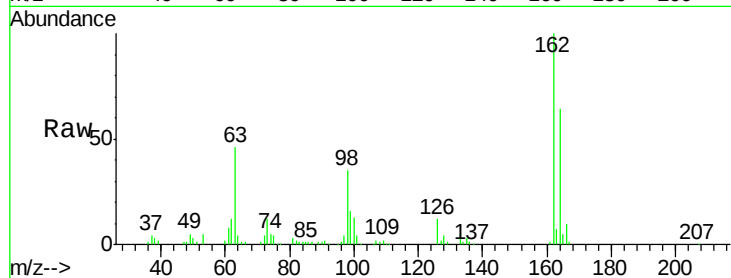




#29
2,4-Dichlorophenol
Concen: 32.90 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

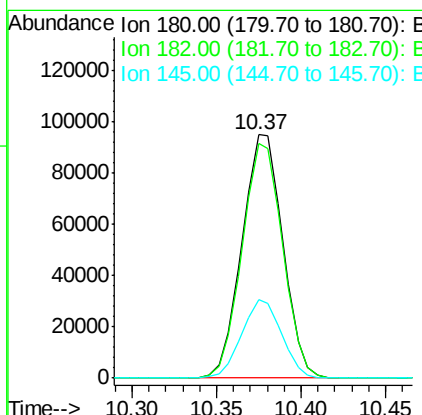
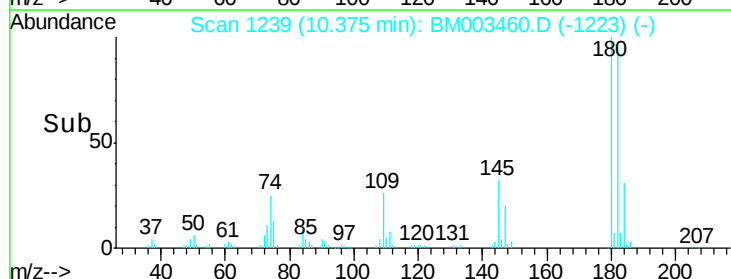
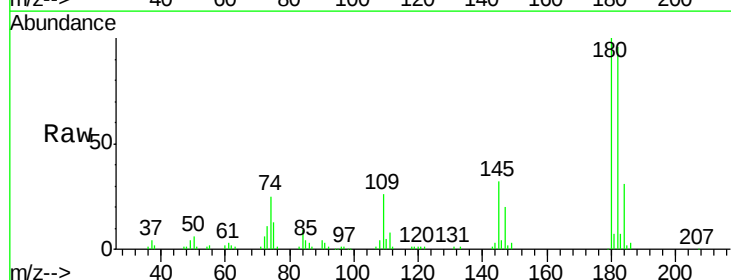
Instrument :
BNA_M
ClientSampleId :
PB87185BS

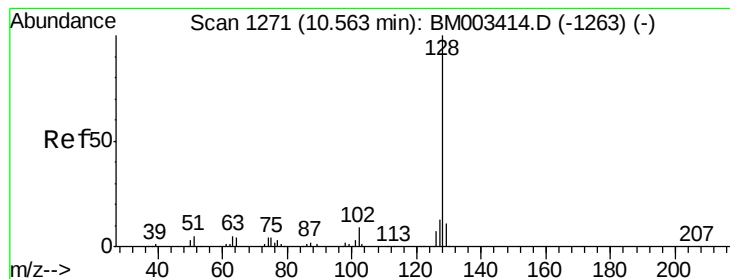
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	35.4	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 30.79 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
145	32.0	23.4	35.2





#31

Naphthalene

Concen: 30.51 ng

RT: 10.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

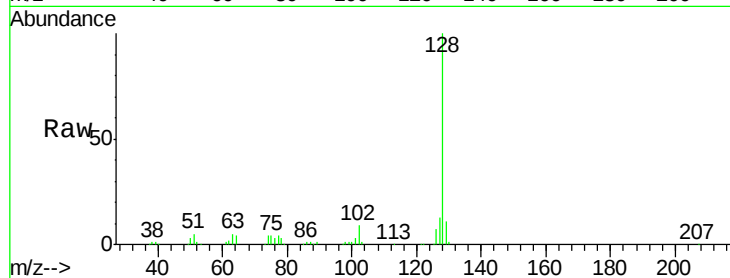
Tot Ion:128 Resp: 507469

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

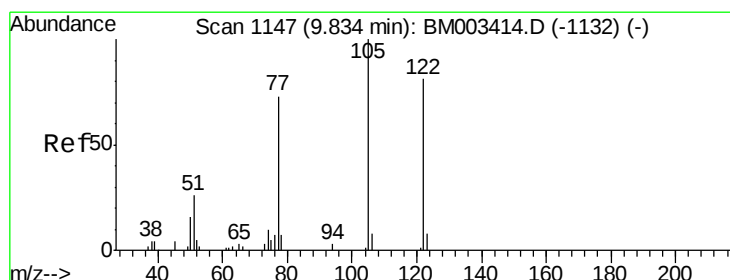
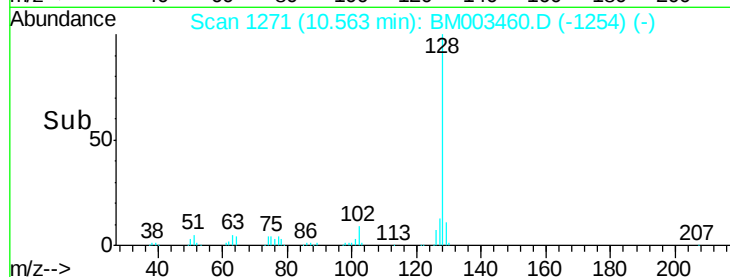
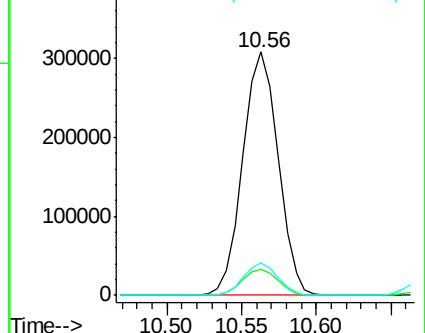
127 13.2 10.4 15.6



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: 30.42 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

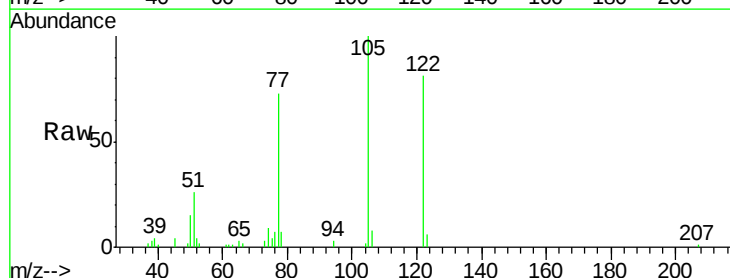
Tgt Ion:122 Resp: 80566

Ion Ratio Lower Upper

122 100

105 122.8 99.9 139.9

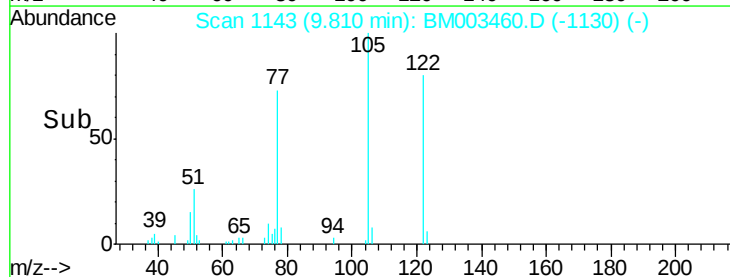
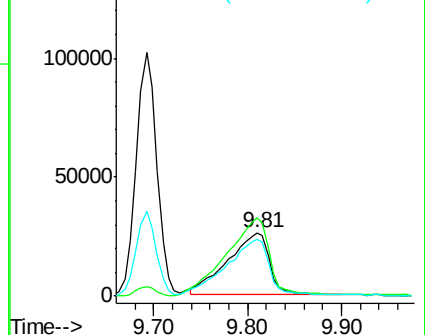
77 89.4 73.7 113.7

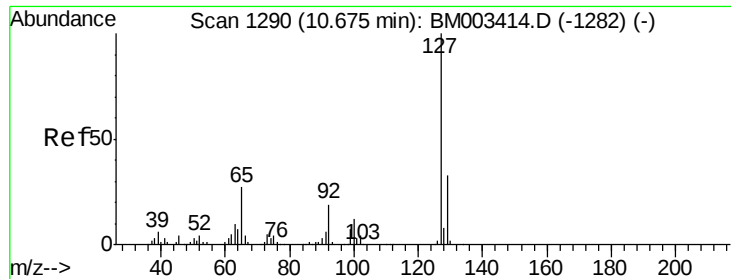


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

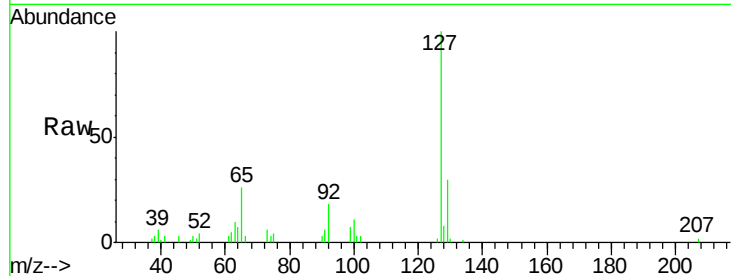




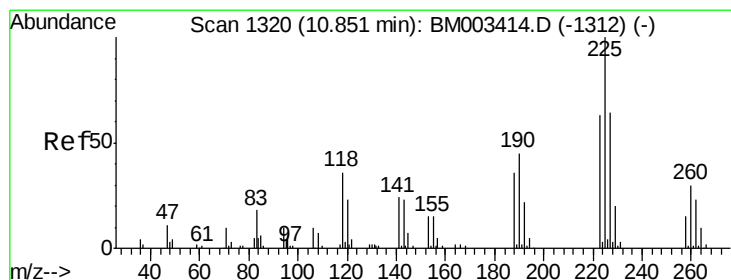
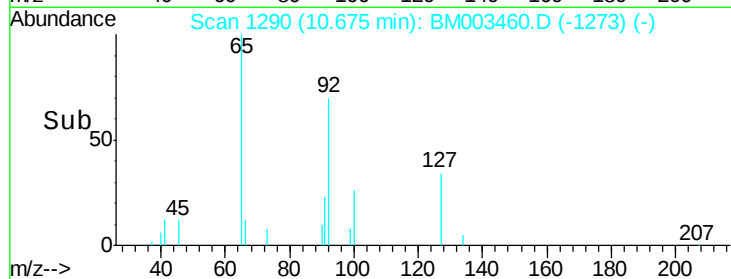
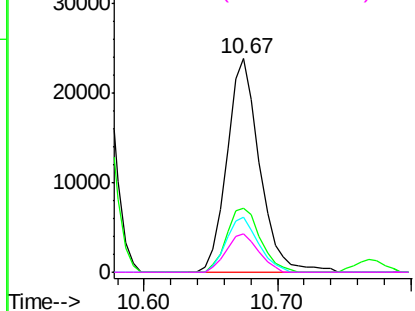
#33
4-Chloroaniline
Concen: 5.96 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Instrument :
BNA_M
ClientSampleId :
PB87185BS

Tot Ion:127	Resp:	40917
Ion Ratio	Lower	Upper
127	100	
129	30.1	25.3 37.9
65	26.0	17.6 26.4
92	18.1	13.1 19.7

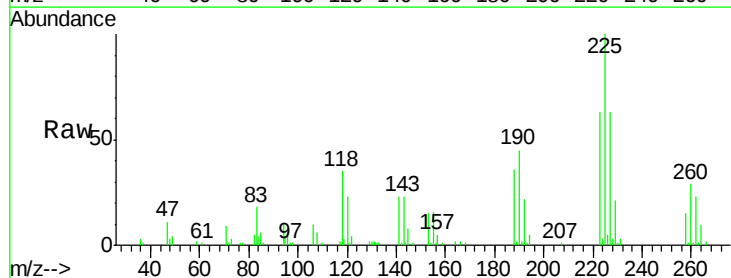


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

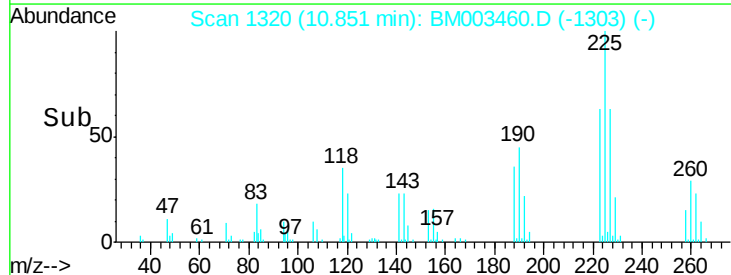
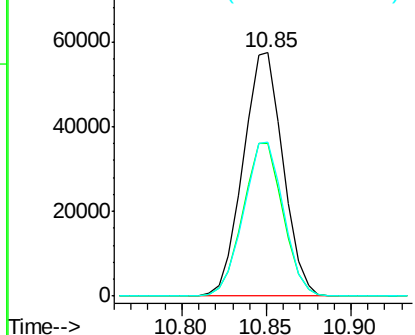


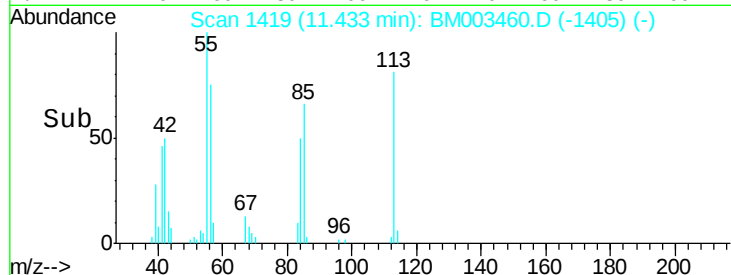
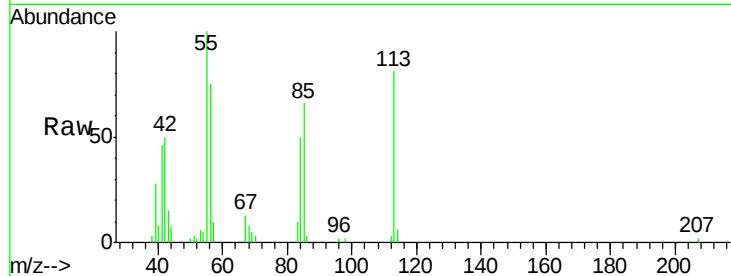
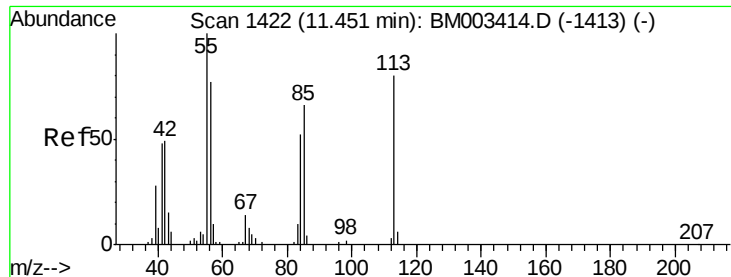
#34
Hexachlorobutadiene
Concen: 30.53 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:225	Resp:	93980
Ion Ratio	Lower	Upper
225	100	
223	62.6	47.9 71.9
227	63.1	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: 26.58 ng

RT: 11.43 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

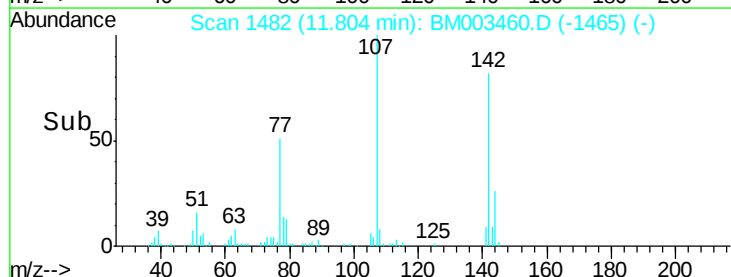
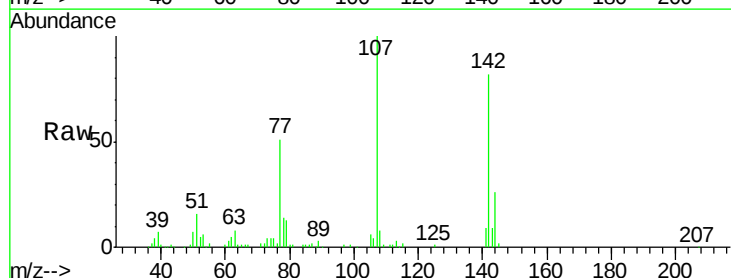
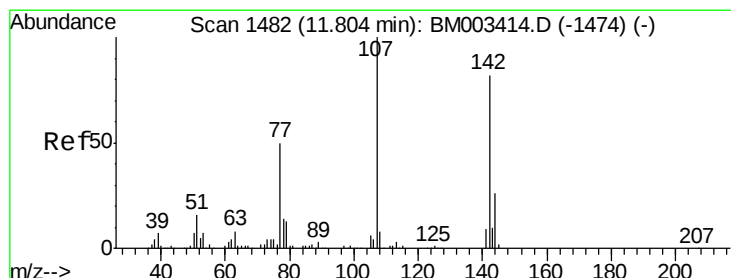
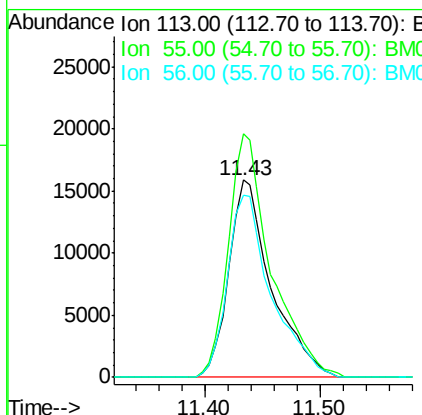
Tot Ion:113 Resp: 40856

Ion Ratio Lower Upper

113 100

55 123.6 145.9 185.9#

56 92.7 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 28.99 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

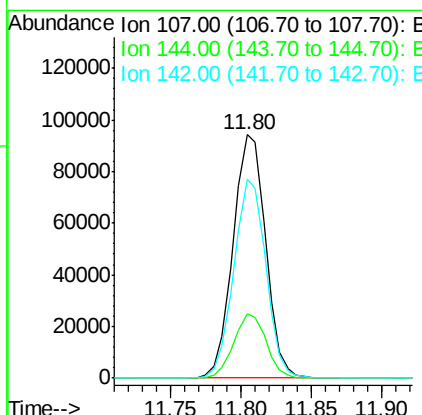
Tgt Ion:107 Resp: 151981

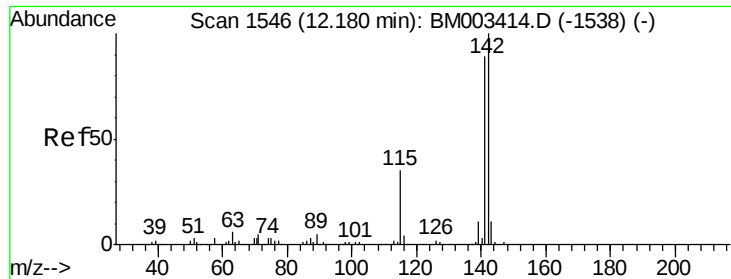
Ion Ratio Lower Upper

107 100

144 26.5 23.3 34.9

142 81.7 72.6 109.0

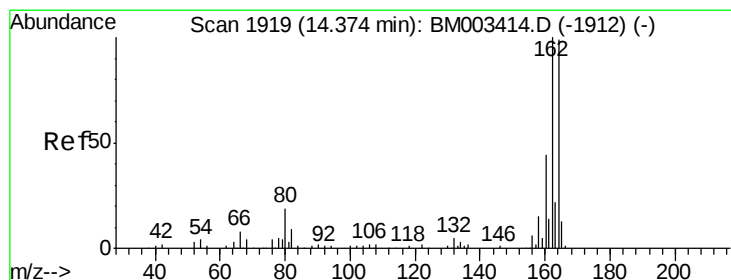
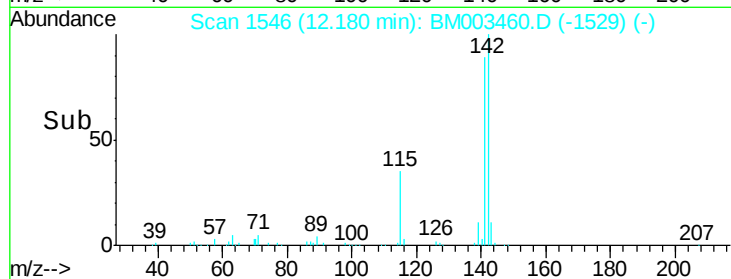
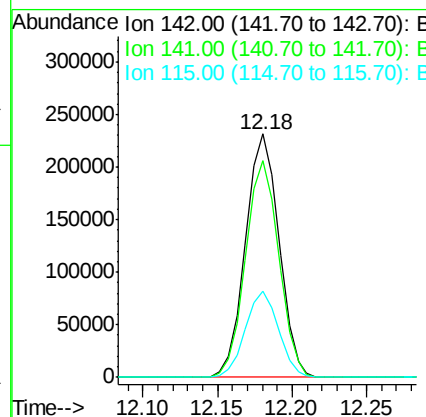
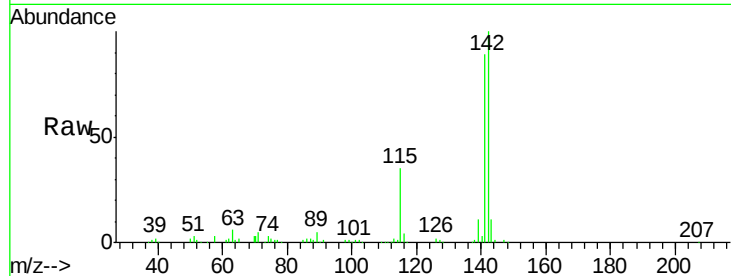




#37
2-Methylnaphthalene
Concen: 31.60 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

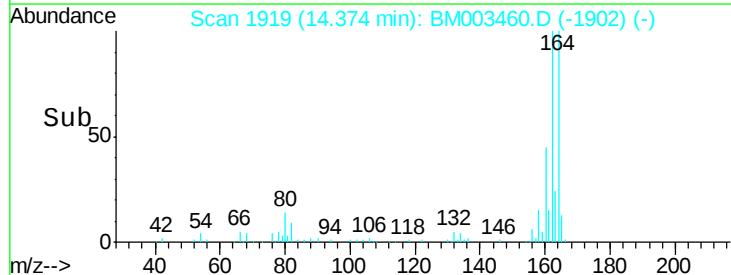
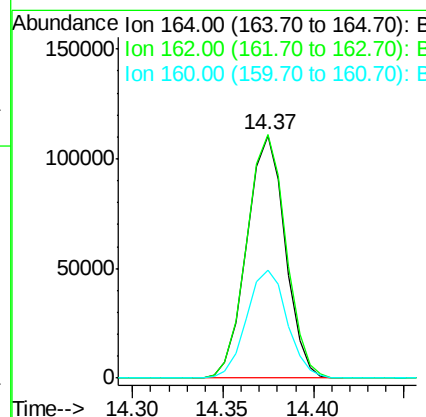
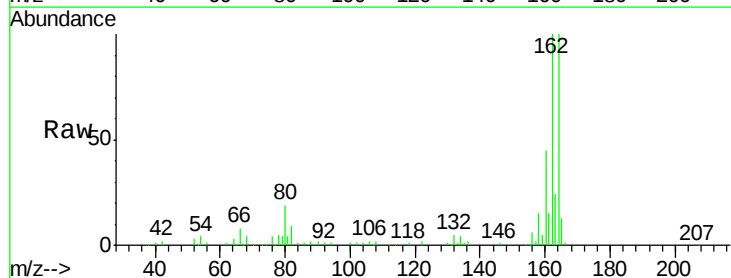
Instrument :
BNA_M
ClientSampleId :
PB87185BS

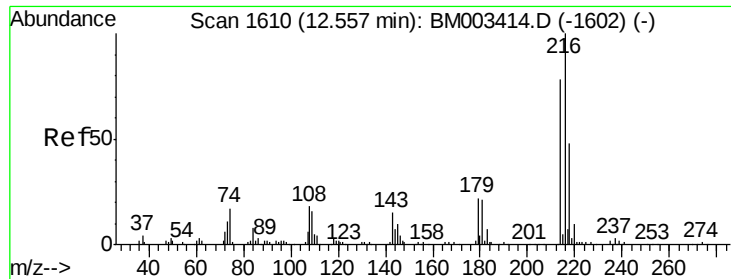
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	35.4	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	44.8	35.8	53.6

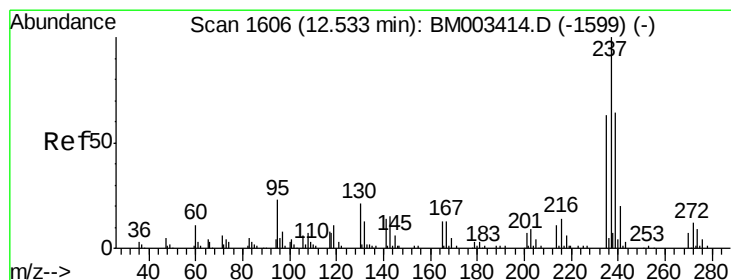
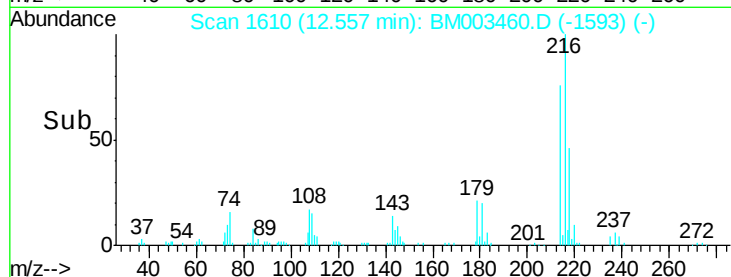
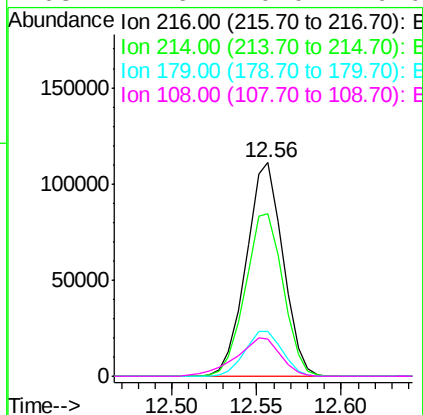
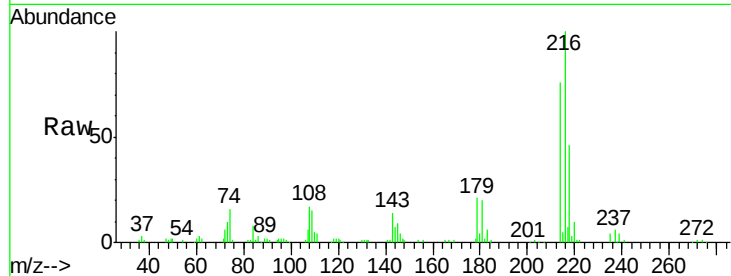




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.11 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

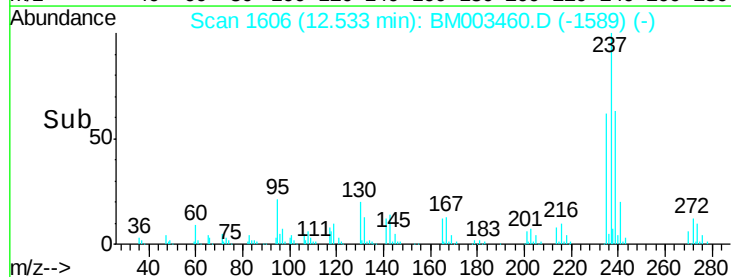
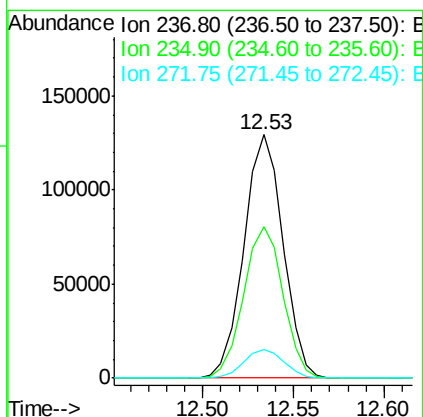
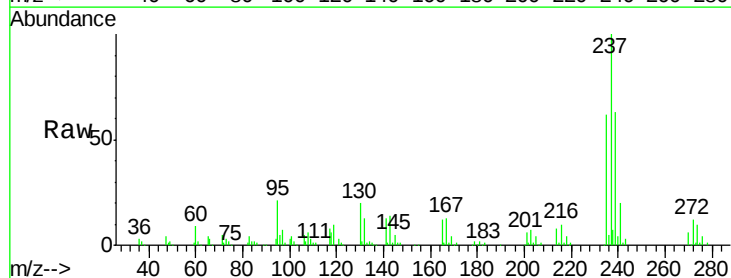
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

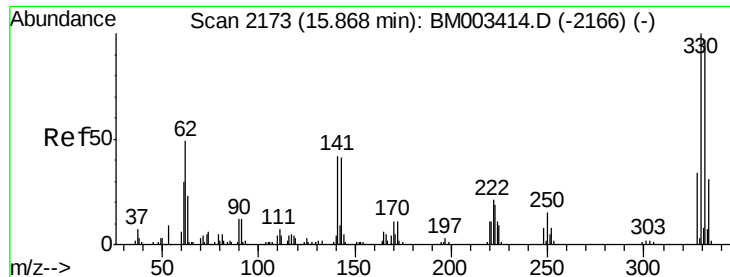
Tot Ion:216	Resp:	168407
Ion Ratio	Lower	Upper
216	100	
214	78.3	0.0 0.0#
179	21.7	0.0 0.0#
108	21.6	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 66.20 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:237	Resp:	193649
Ion Ratio	Lower	Upper
237	100	
235	62.4	42.0 82.0
272	11.9	0.0 33.4

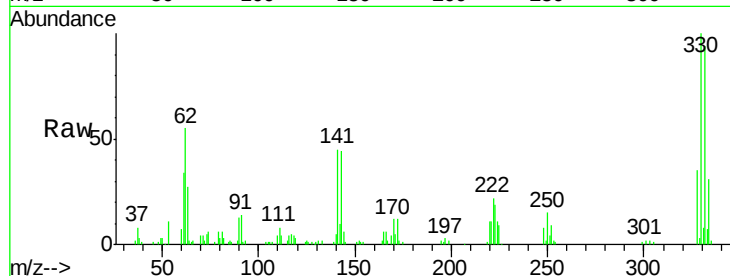




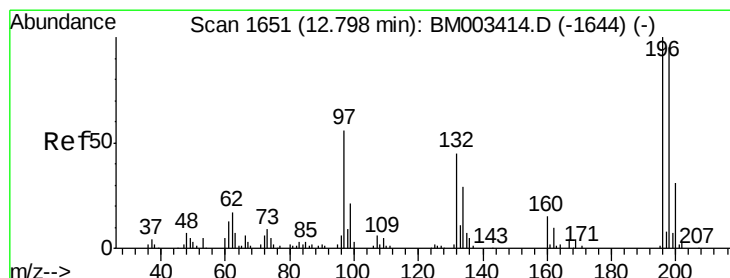
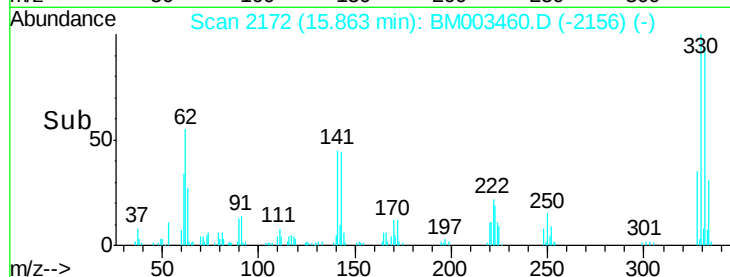
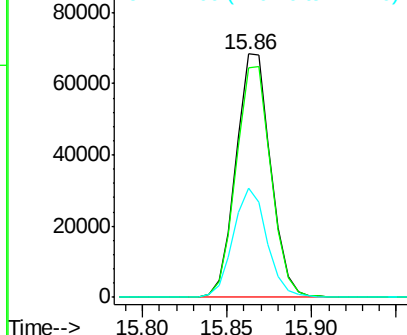
#41
 2,4,6-Tribromophenol
 Concen: 60.03 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

Tot Ion:330 Resp: 97797
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 43.3 0.0 0.0#

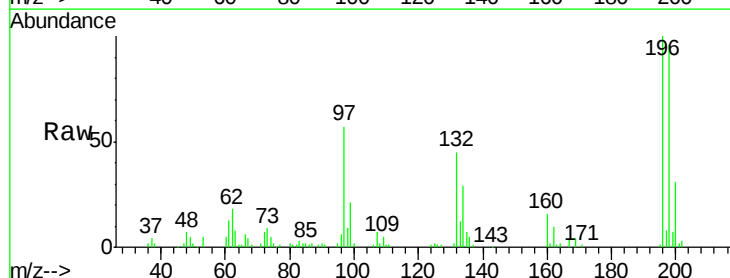


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

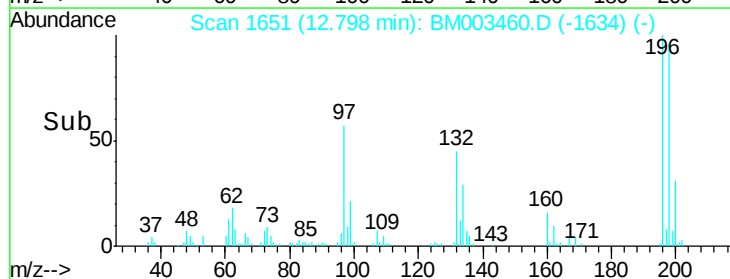
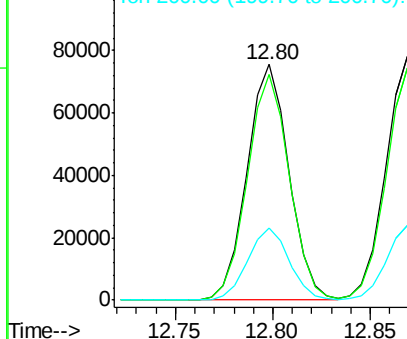


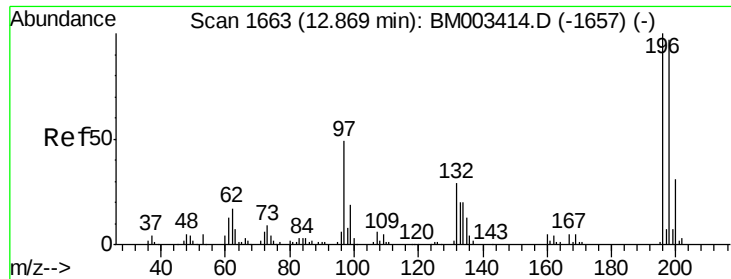
#42
 2,4,6-Trichlorophenol
 Concen: 32.77 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:196 Resp: 112107
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 30.7 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

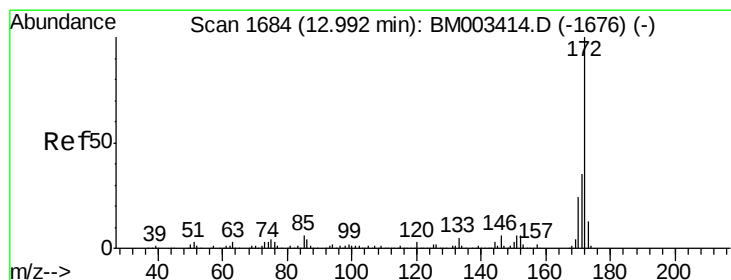
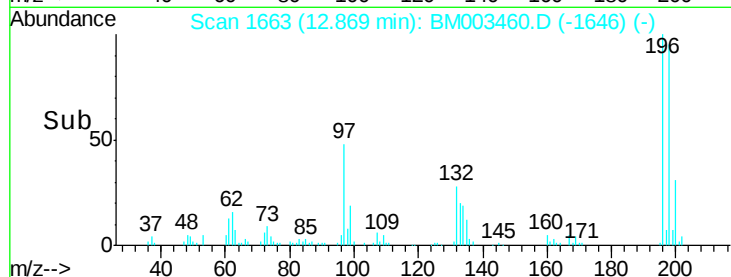
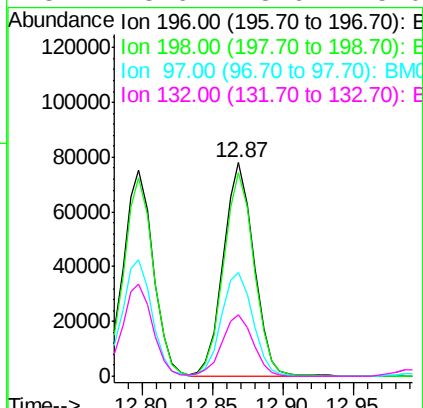
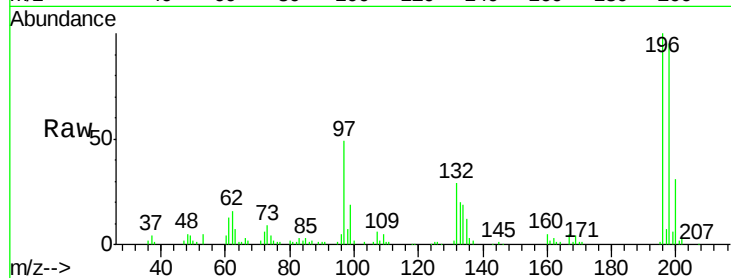




#43
 2,4,5-Trichlorophenol
 Concen: 32.83 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

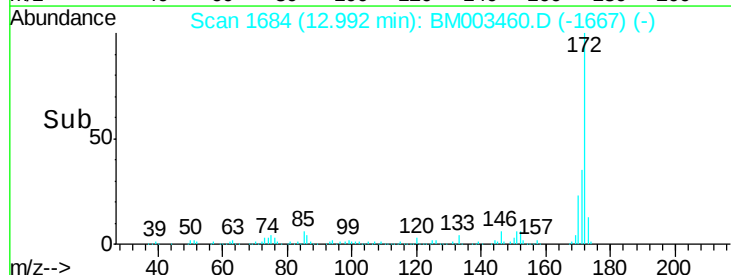
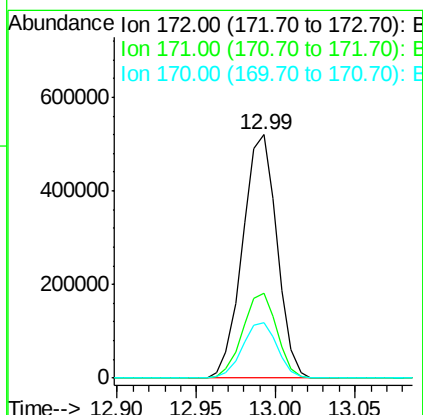
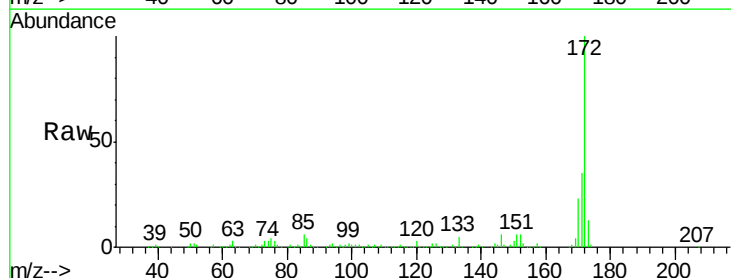
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

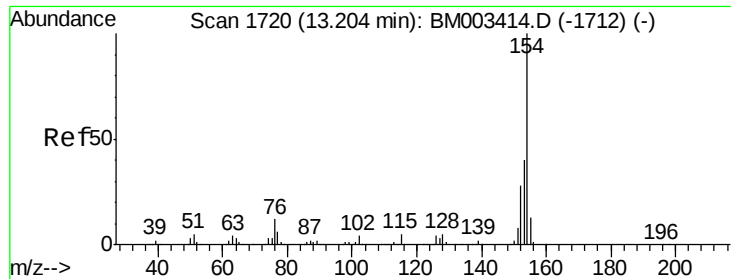
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	79.4	119.0
97	48.8	26.8	40.2
132	28.6	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 65.44 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.0	18.8	28.2





#45

1,1'-Biphenyl

Concen: 30.73 ng

RT: 13.20 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

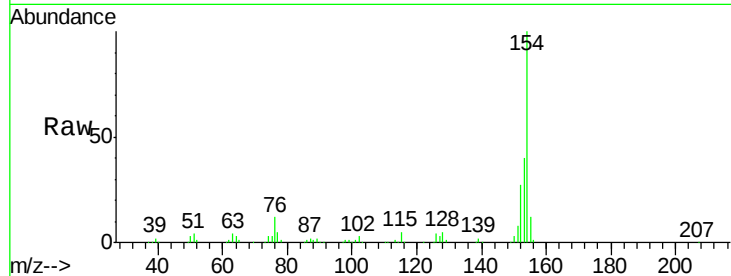
Tot Ion:154 Resp: 444572

Ion Ratio Lower Upper

154 100

153 39.8 20.7 60.7

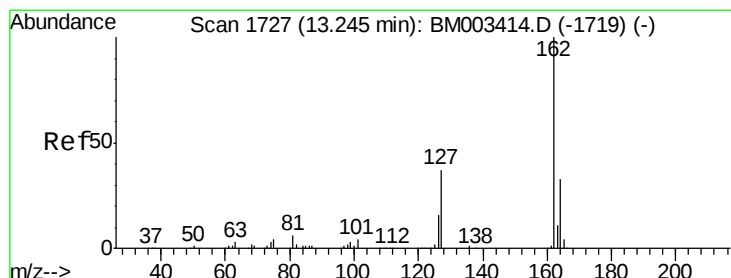
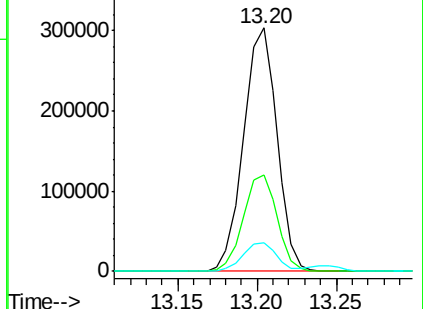
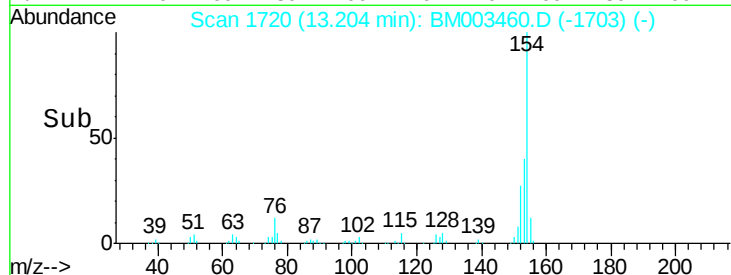
76 11.7 0.0 30.9



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): BM



#46

2-Chloronaphthalene

Concen: 31.64 ng

RT: 13.25 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

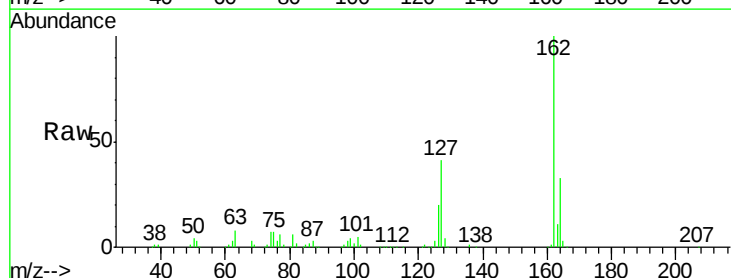
Tgt Ion:162 Resp: 336160

Ion Ratio Lower Upper

162 100

127 40.9 26.9 40.3#

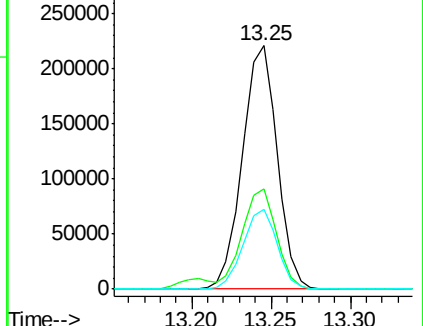
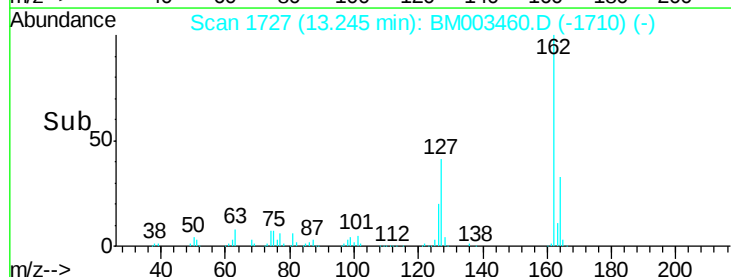
164 32.9 26.8 40.2

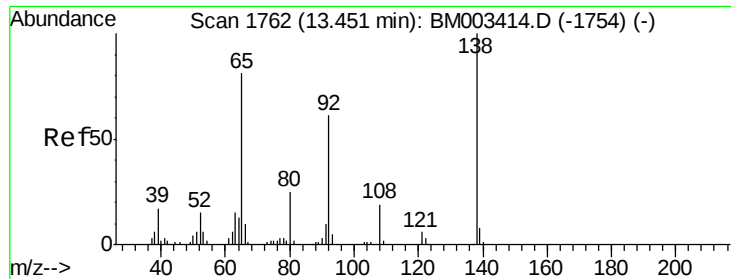


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

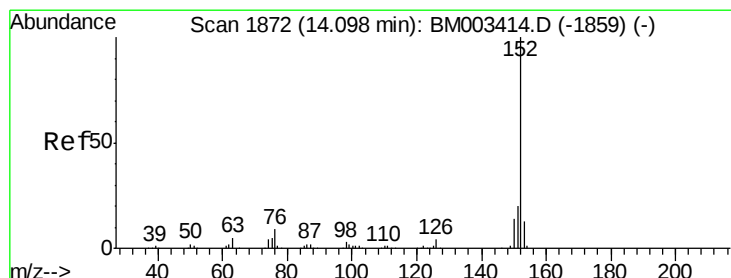
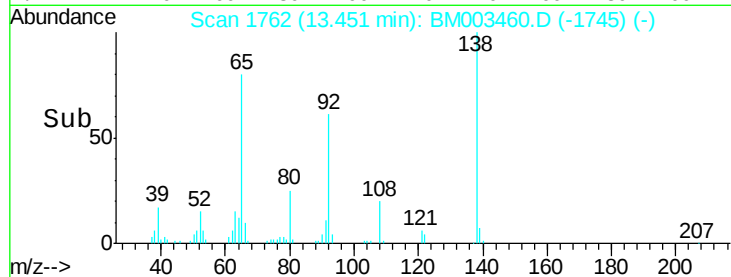
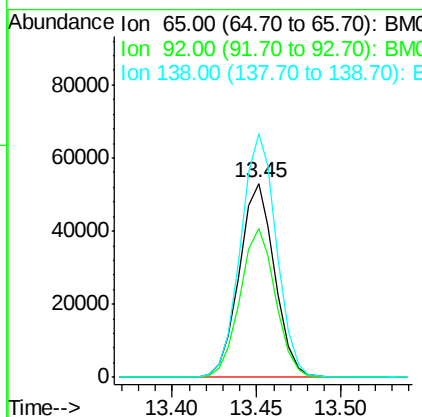
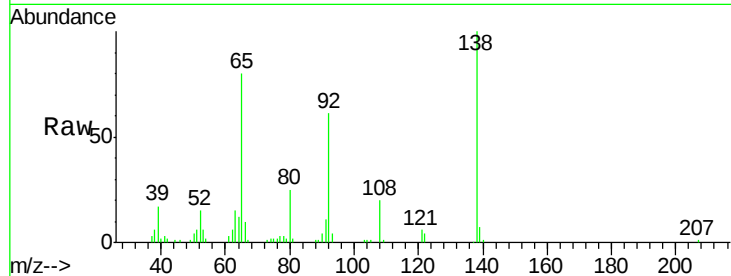




#47
 2-Nitroaniline
 Concen: 29.38 ng
 RT: 13.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

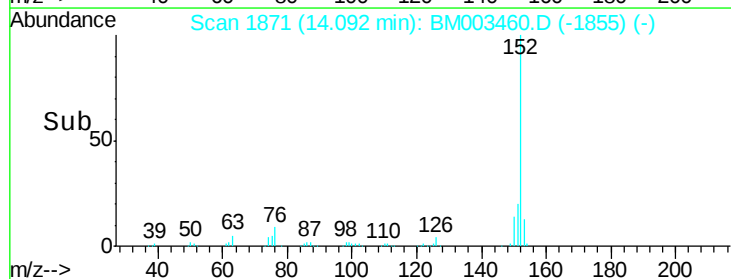
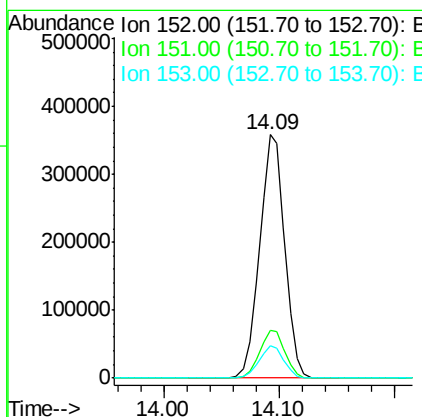
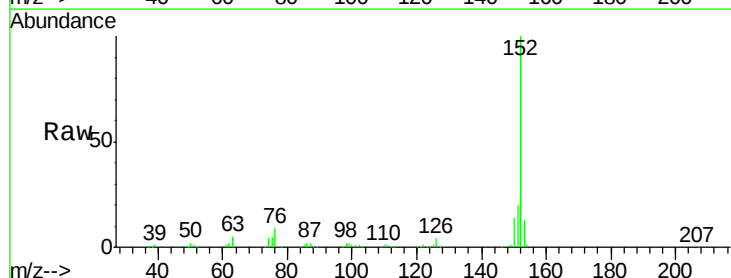
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

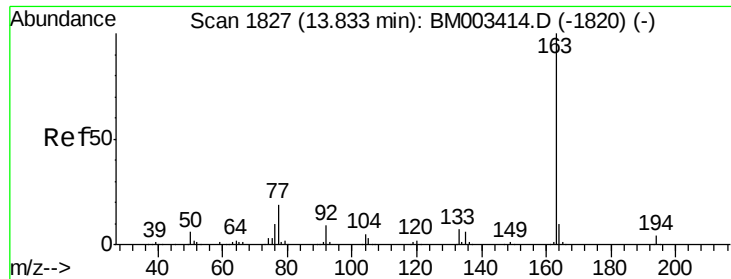
Tot Ion: 65 Resp: 77434
 Ion Ratio Lower Upper
 65 100
 92 76.5 59.1 88.7
 138 125.5 93.9 140.9



#48
 Acenaphthylene
 Concen: 30.70 ng
 RT: 14.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion: 152 Resp: 543801
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 29.66 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

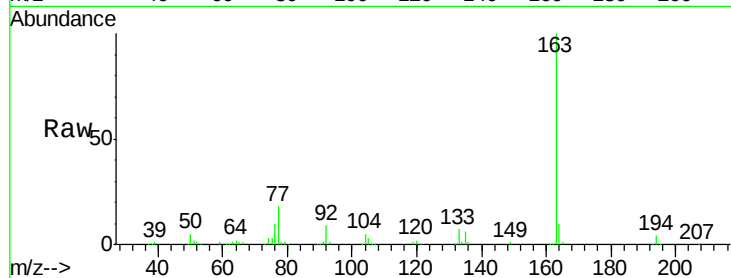
Tot Ion:163 Resp: 398701

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

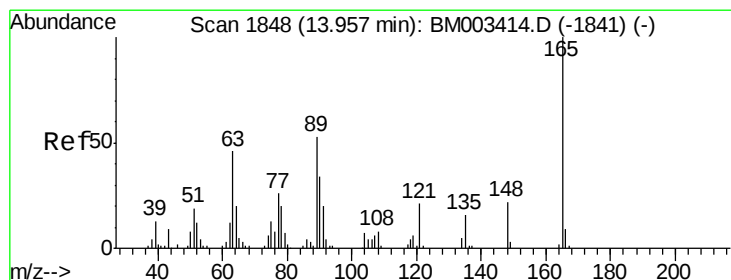
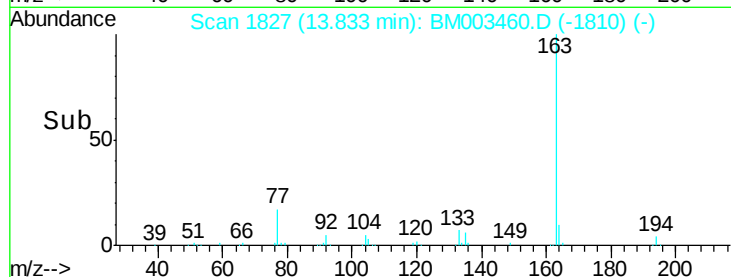
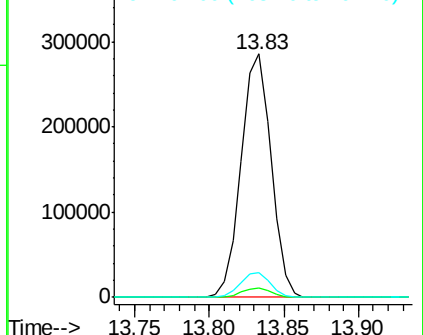
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.03 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

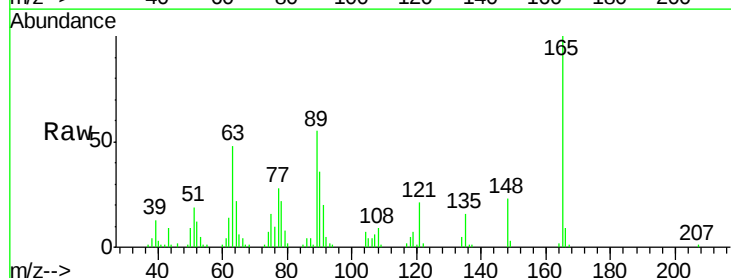
Tgt Ion:165 Resp: 84217

Ion Ratio Lower Upper

165 100

63 47.9 44.1 66.1

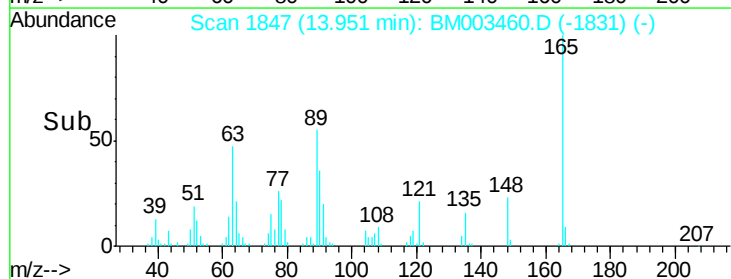
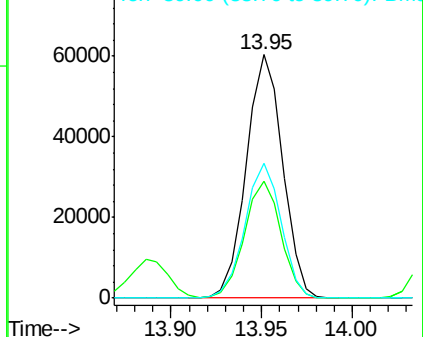
89 55.4 44.3 66.5

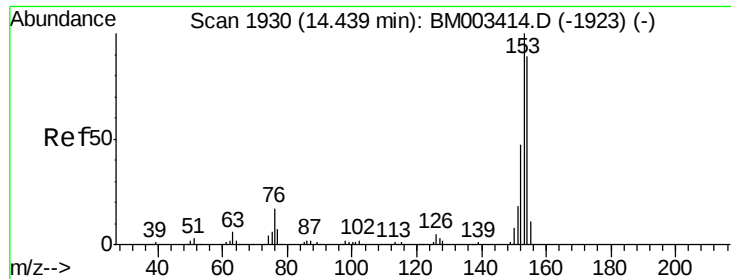


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 30.62 ng

RT: 14.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

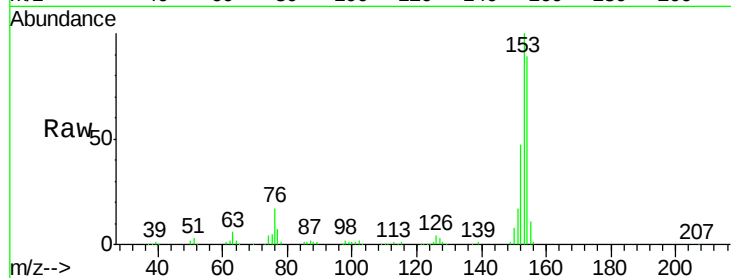
Tot Ion:154 Resp: 314368

Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

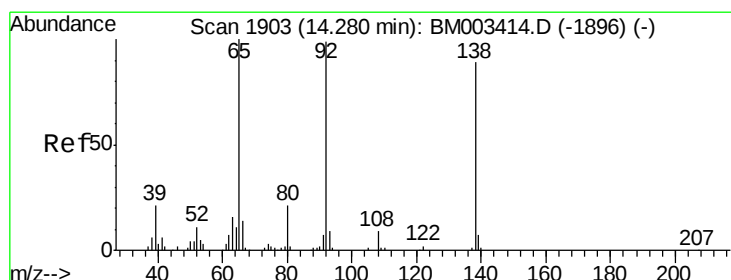
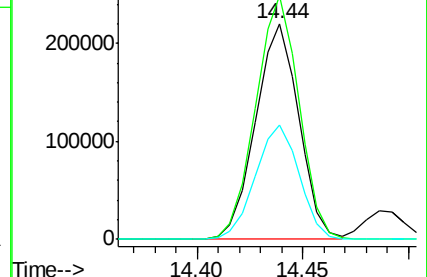
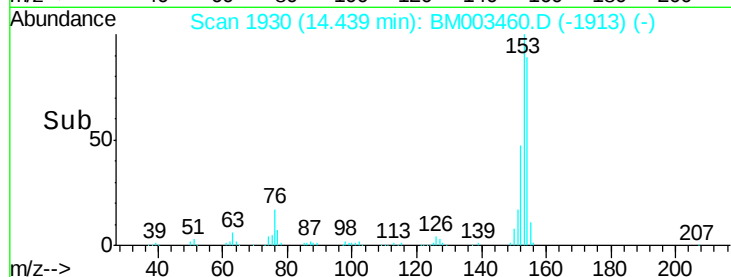
152 53.1 42.6 63.8



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: 12.21 ng

RT: 14.28 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

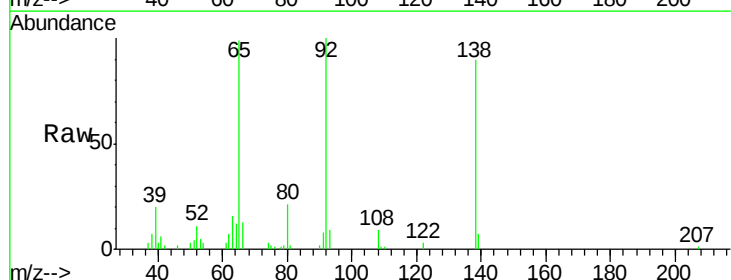
Tgt Ion:138 Resp: 35055

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

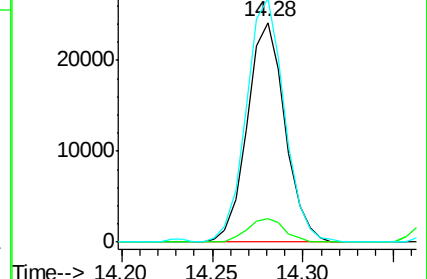
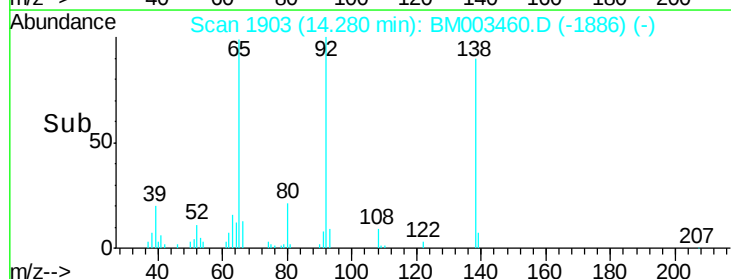
92 110.8 76.6 114.8

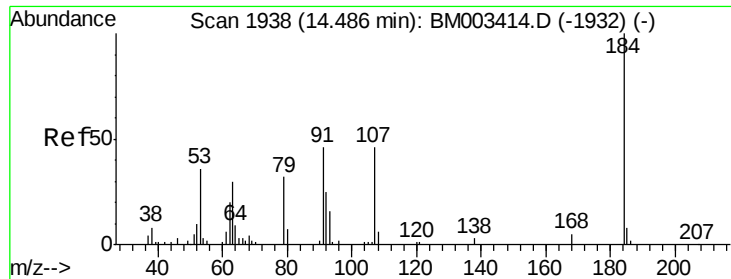


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

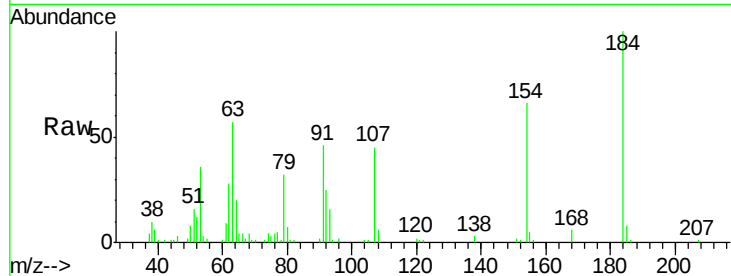




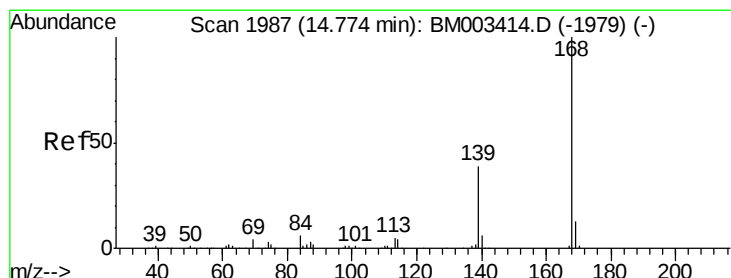
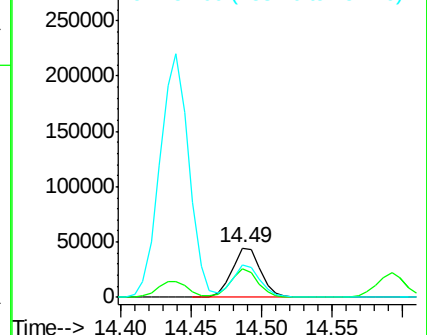
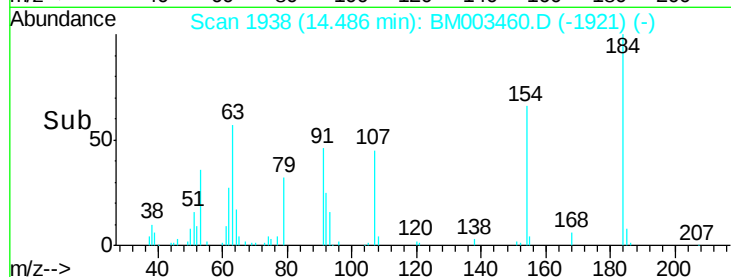
#53
 2,4-Dinitrophenol
 Concen: 43.67 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

Tot Ion:184 Resp: 63856
 Ion Ratio Lower Upper
 184 100
 63 57.4 69.2 103.8#
 154 65.6 53.3 79.9

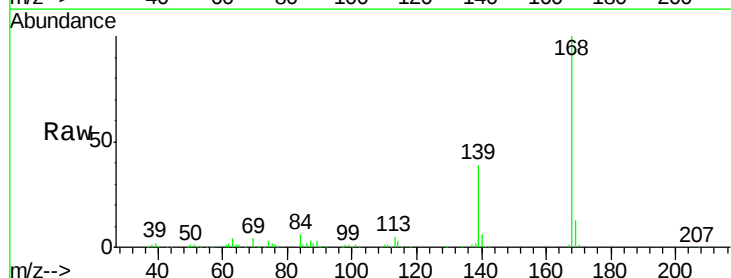


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

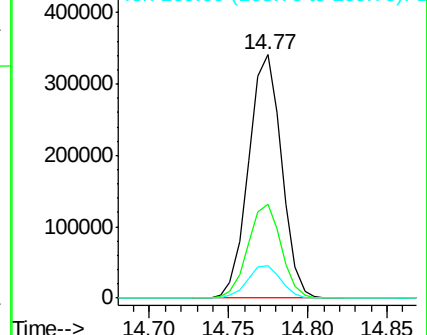
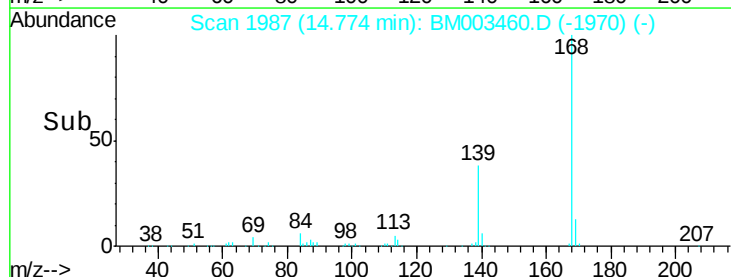


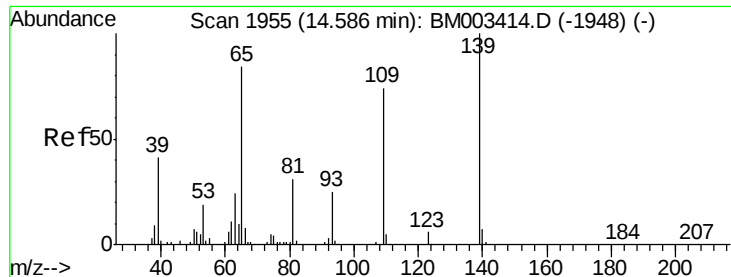
#54
 Dibenzofuran
 Concen: 33.25 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:168 Resp: 492998
 Ion Ratio Lower Upper
 168 100
 139 38.5 27.3 40.9
 169 13.2 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: 53.97 ng

RT: 14.59 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

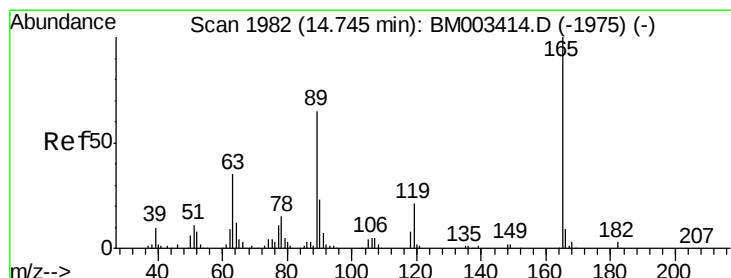
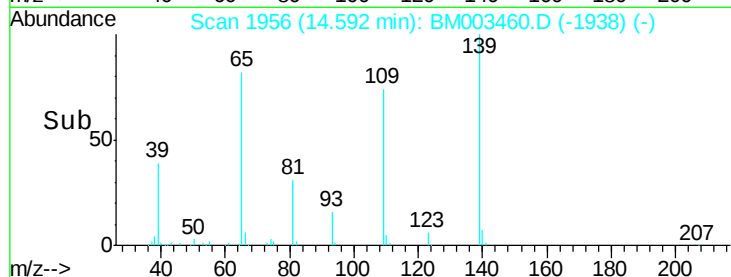
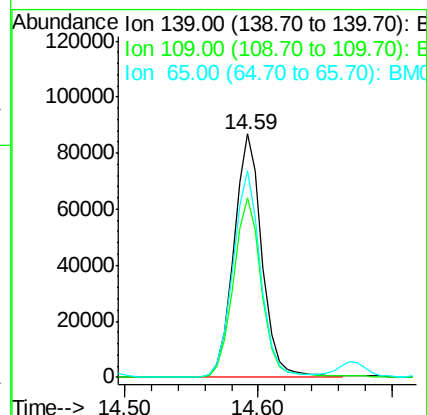
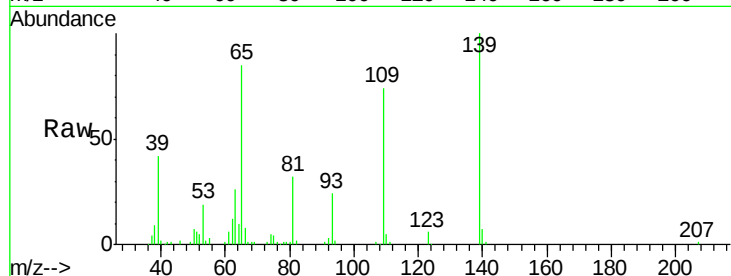
Tot Ion:139 Resp: 127922

Ion Ratio Lower Upper

139 100

109 74.0 37.7 77.7

65 84.6 49.9 89.9



#56

2,4-Dinitrotoluene

Concen: 30.33 ng

RT: 14.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Tgt Ion:165 Resp: 110363

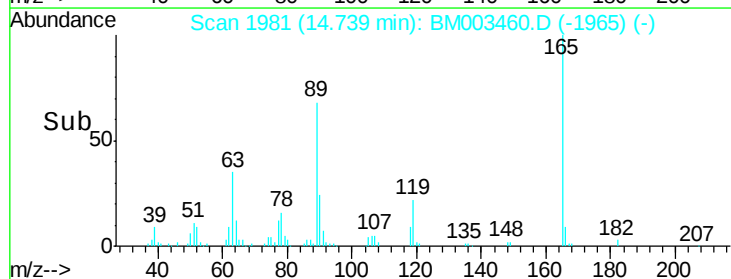
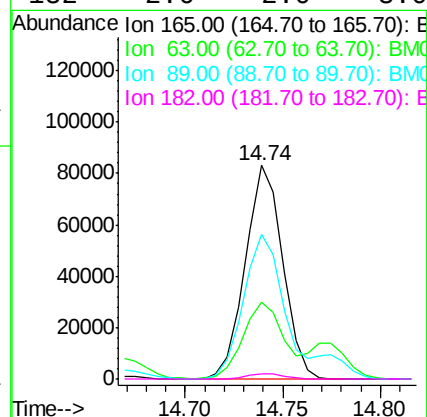
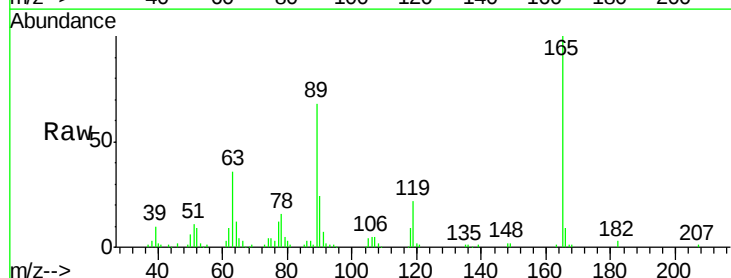
Ion Ratio Lower Upper

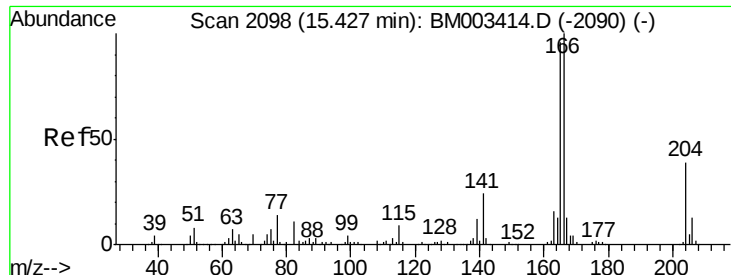
165 100

63 36.0 52.4 78.6#

89 67.8 72.4 108.6#

182 2.6 2.0 3.0

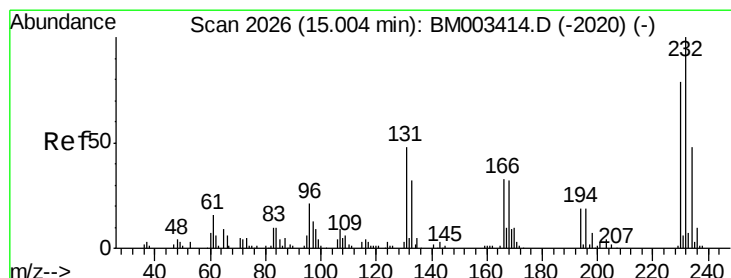
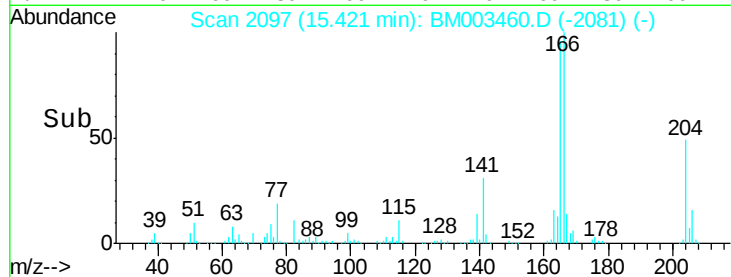
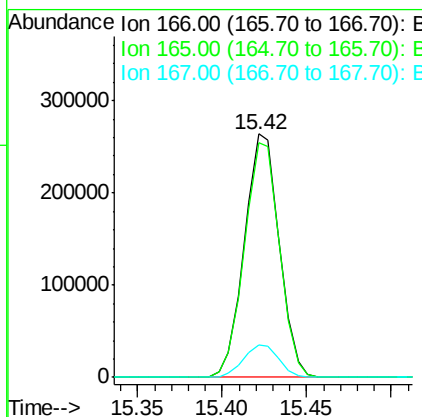
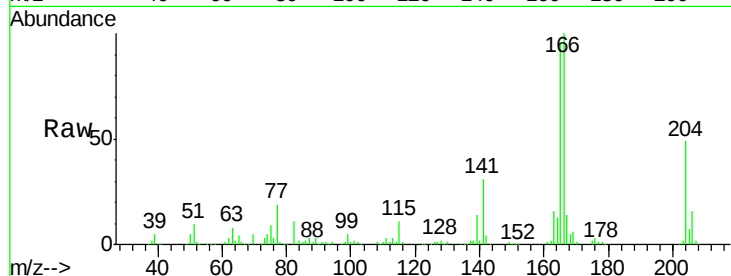




#57
Fluorene
 Concen: 30.79 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

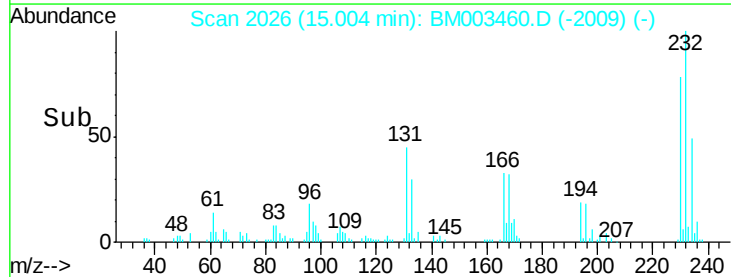
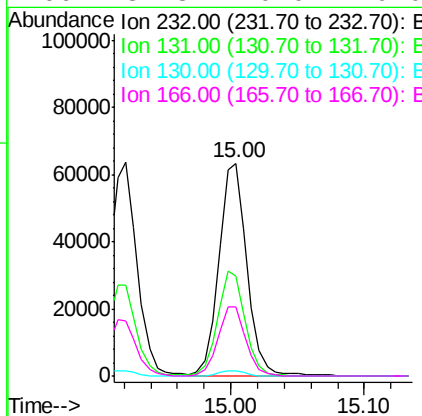
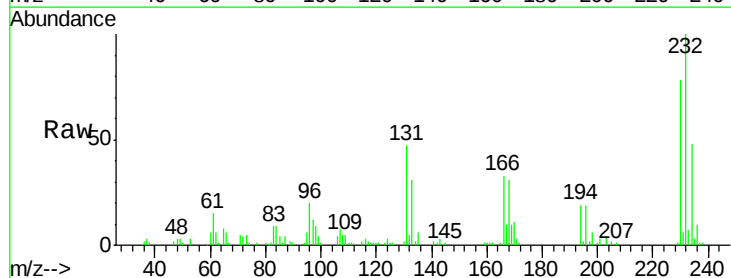
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

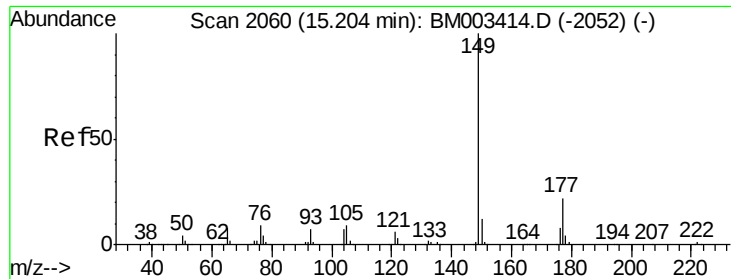
Tot Ion:166 Resp: 378520
 Ion Ratio Lower Upper
 166 100
 165 96.5 79.0 118.4
 167 13.5 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.92 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:232 Resp: 93729
 Ion Ratio Lower Upper
 232 100
 131 48.1 0.0 0.0#
 130 2.3 0.0 0.0#
 166 32.3 0.0 0.0#

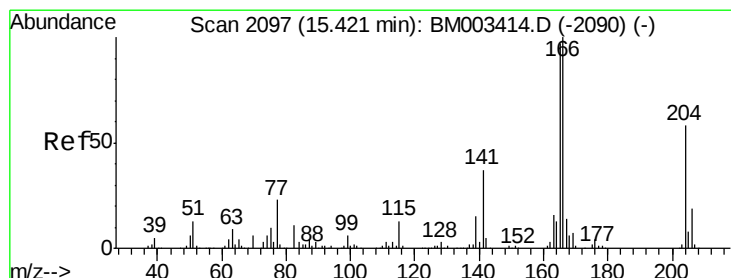
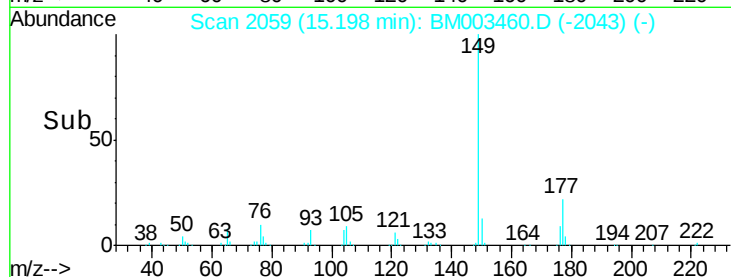
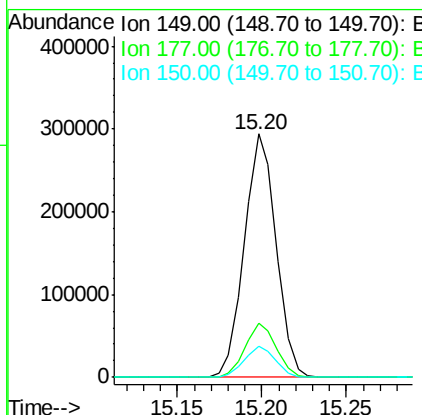
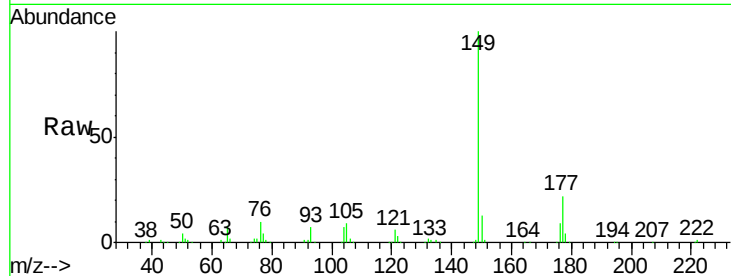




#59
Diethylphthalate
Concen: 29.17 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

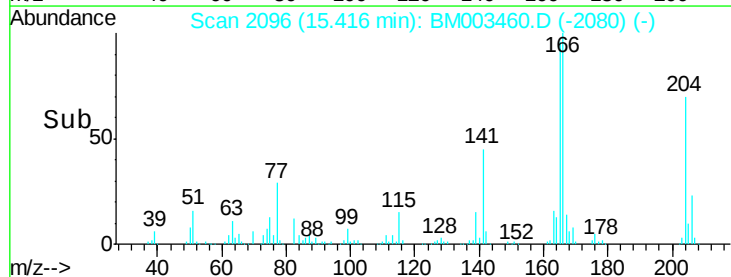
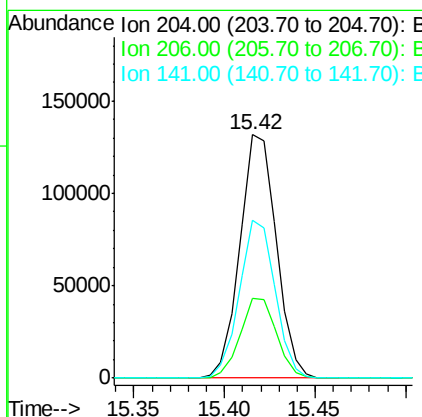
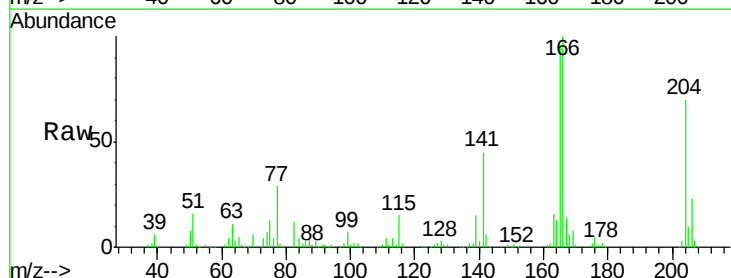
Instrument :
BNA_M
ClientSampleId :
PB87185BS

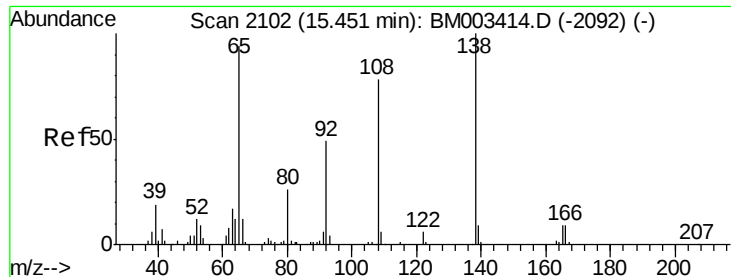
Tot Ion:149 Resp: 385058
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 29.67 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:204 Resp: 184434
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 64.6 45.2 67.8

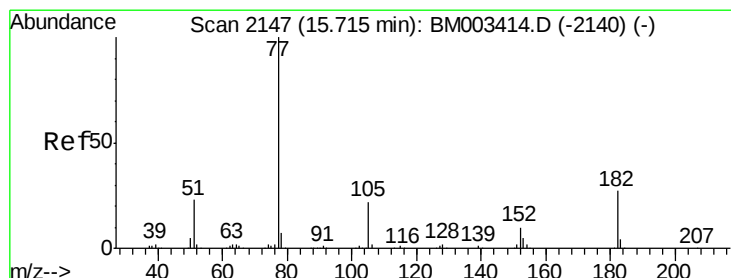
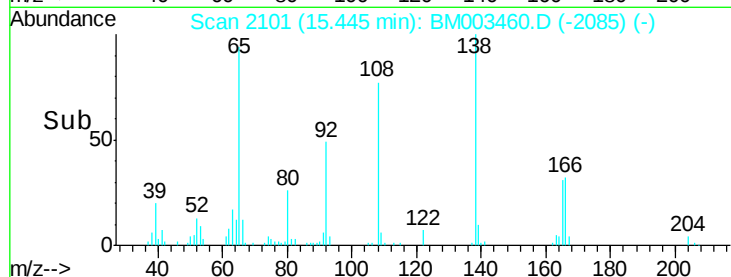
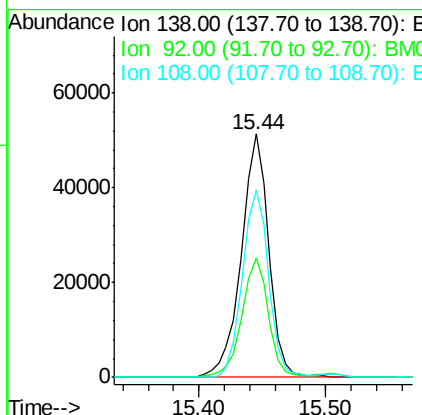
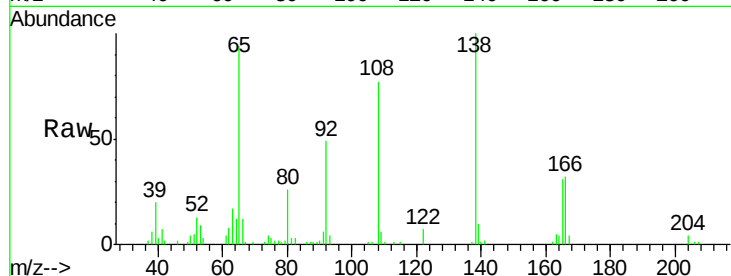




#61
4-Nitroaniline
Concen: 26.38 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

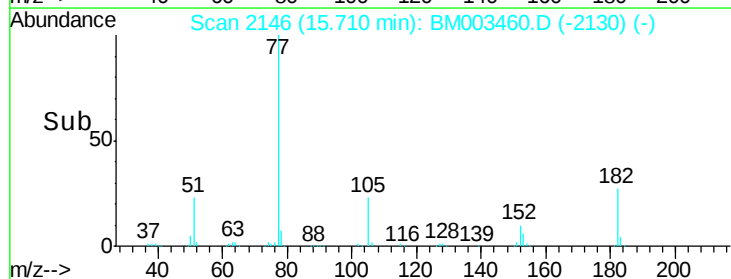
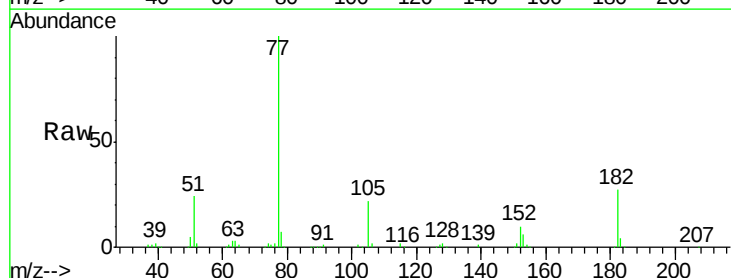
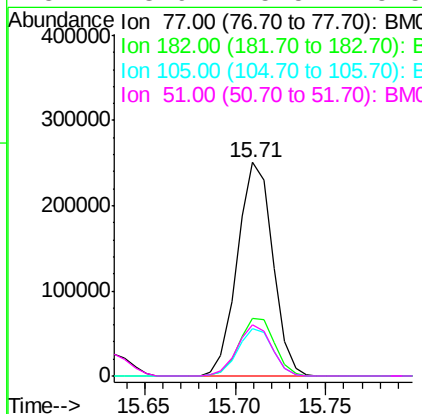
Instrument :
BNA_M
ClientSampleId :
PB87185BS

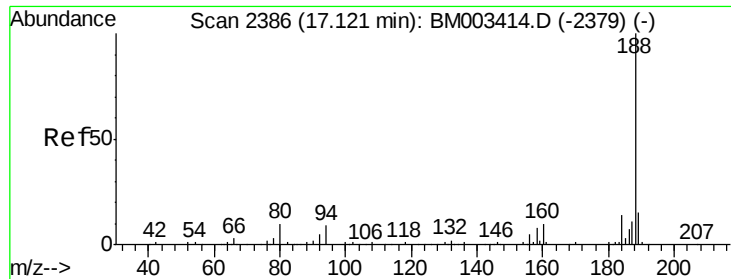
Tot Ion:138 Resp: 77343
Ion Ratio Lower Upper
138 100
92 49.3 16.7 56.7
108 76.7 37.6 77.6



#62
Azobenzene
Concen: 32.78 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 77 Resp: 339151
Ion Ratio Lower Upper
77 100
182 26.7 6.5 46.5
105 22.5 3.8 43.8
51 23.9 5.5 45.5

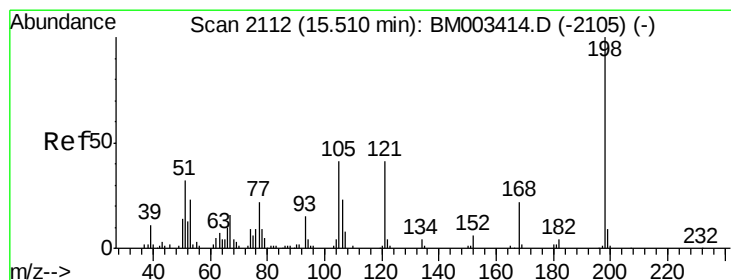
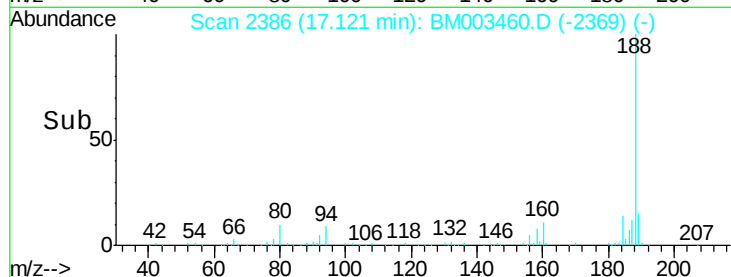
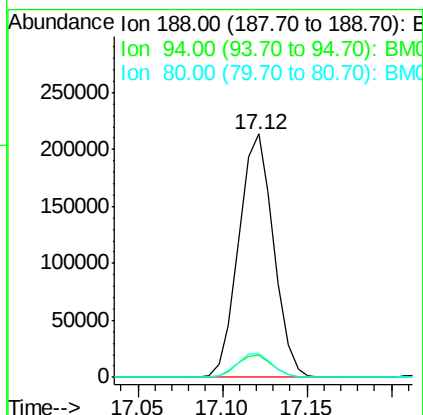
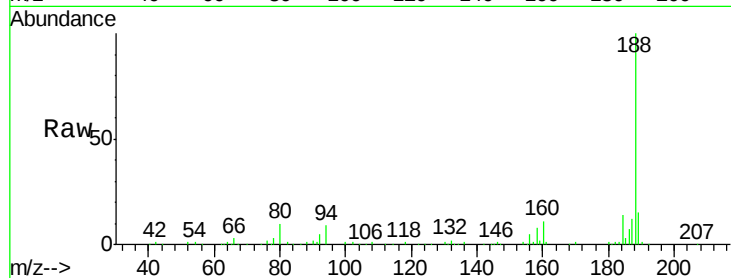




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

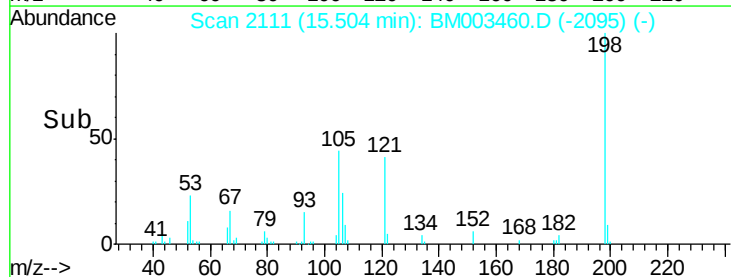
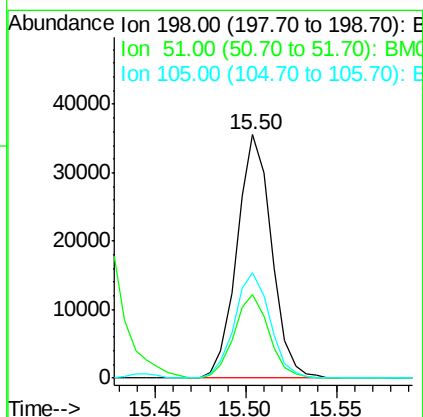
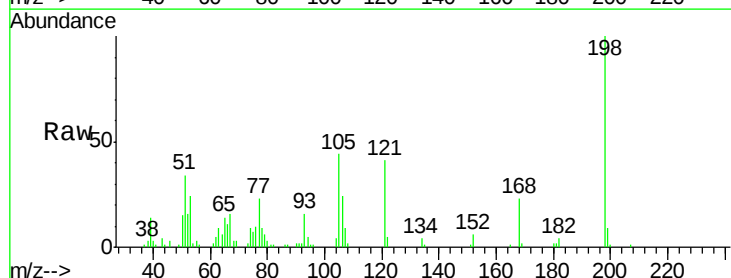
Instrument :
BNA_M
ClientSampled :
PB87185BS

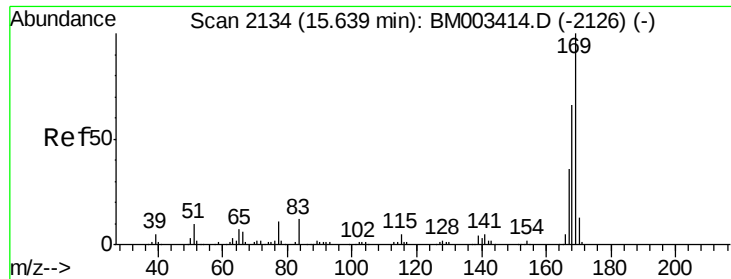
Tot Ion:188 Resp: 306502
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 9.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 25.50 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:198 Resp: 47158
Ion Ratio Lower Upper
198 100
51 34.3 28.8 68.8
105 43.5 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 33.14 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

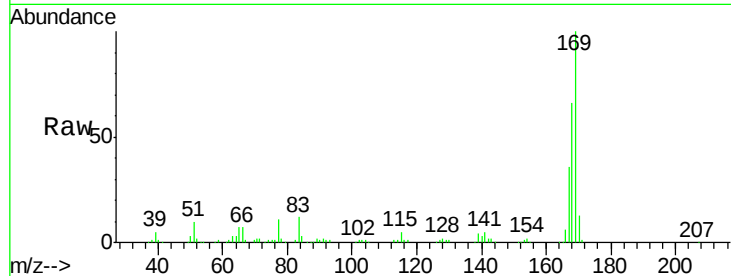
Tot Ion:169 Resp: 321114

Ion Ratio Lower Upper

169 100

168 65.8 53.9 80.9

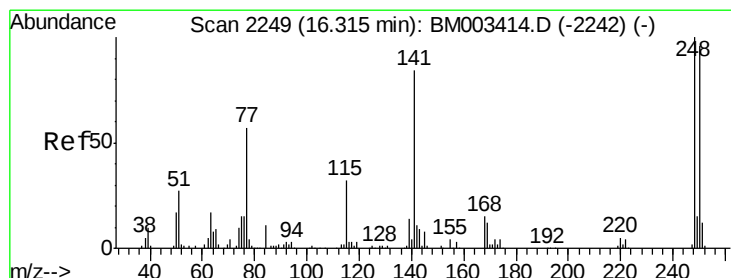
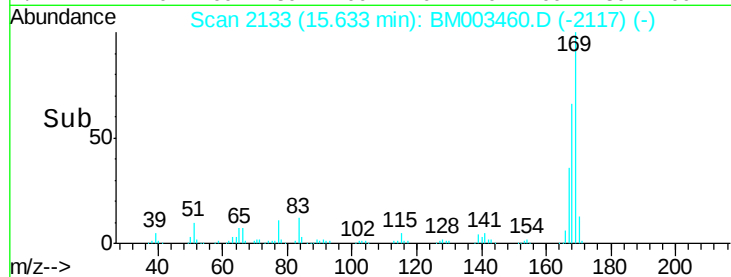
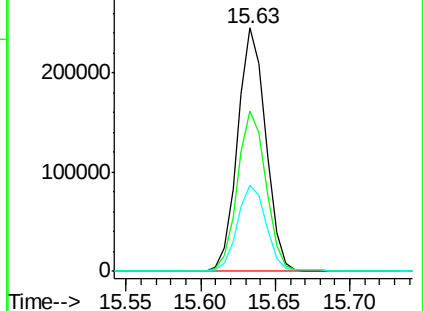
167 35.6 28.9 43.3



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: 31.81 ng

RT: 16.32 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

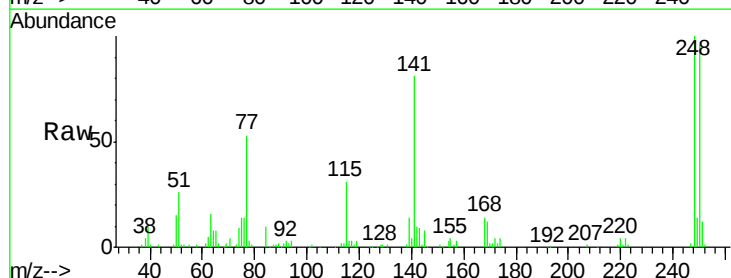
Tgt Ion:248 Resp: 105119

Ion Ratio Lower Upper

248 100

250 96.1 77.4 116.0

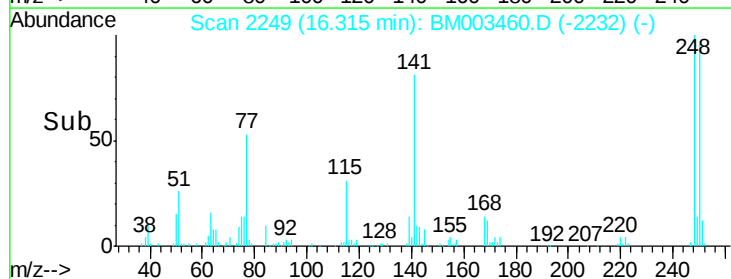
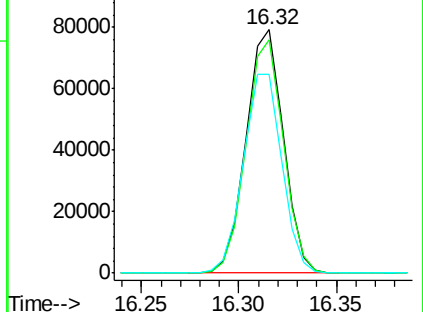
141 81.4 45.2 67.8#

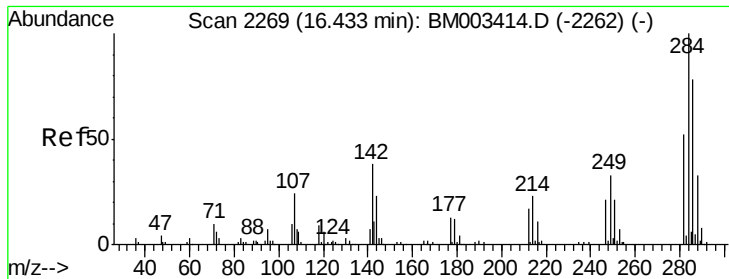


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.15 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampled :

PB87185BS

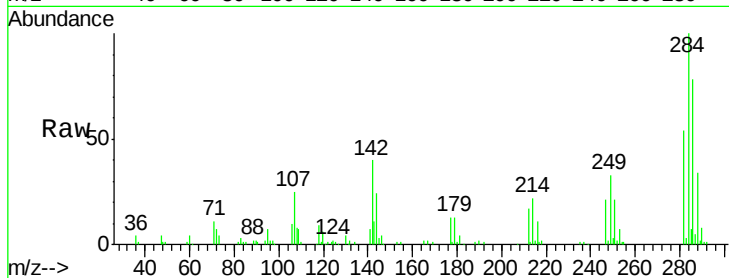
Tot Ion:284 Resp: 114141

Ion Ratio Lower Upper

284 100

142 39.7 20.4 30.6#

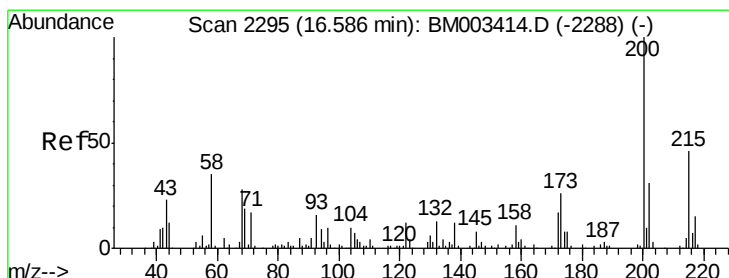
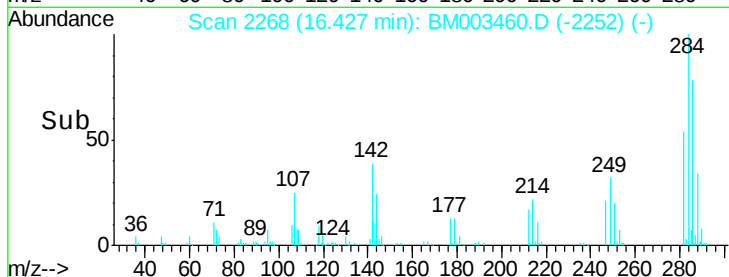
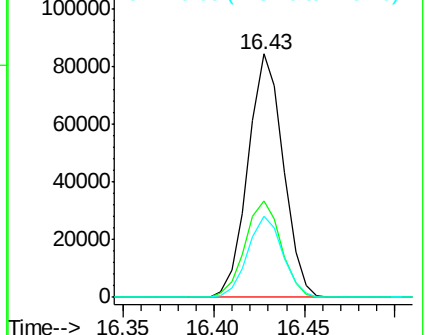
249 33.0 23.8 35.6



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: 33.39 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

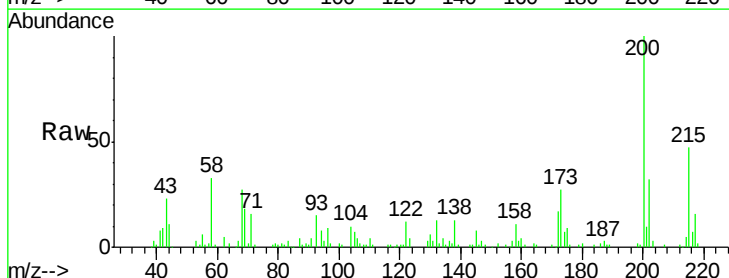
Tgt Ion:200 Resp: 100921

Ion Ratio Lower Upper

200 100

173 26.8 4.8 44.8

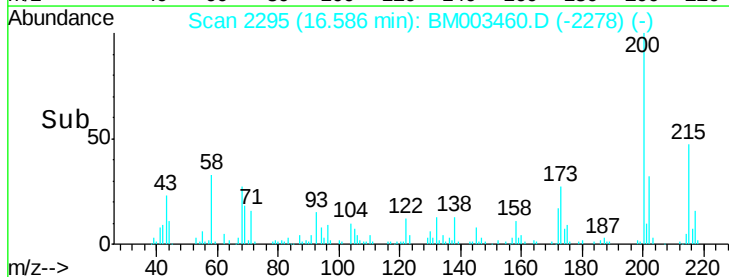
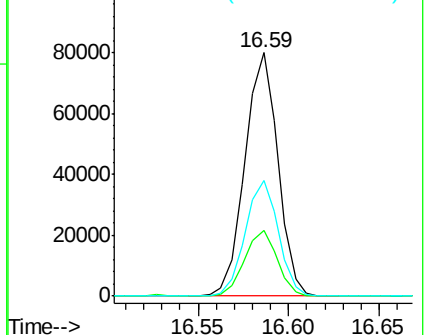
215 47.5 26.9 66.9

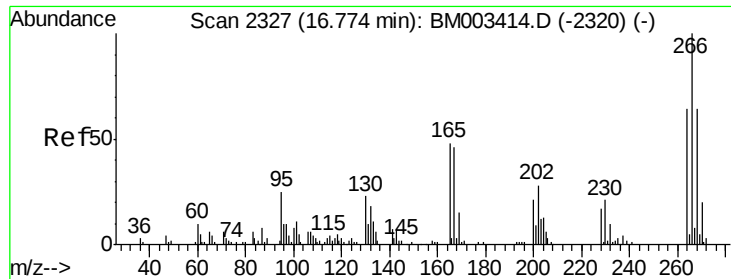


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

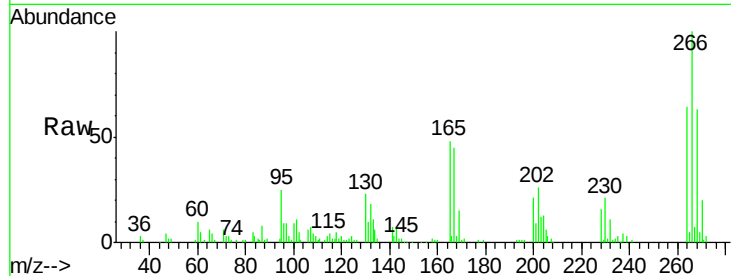




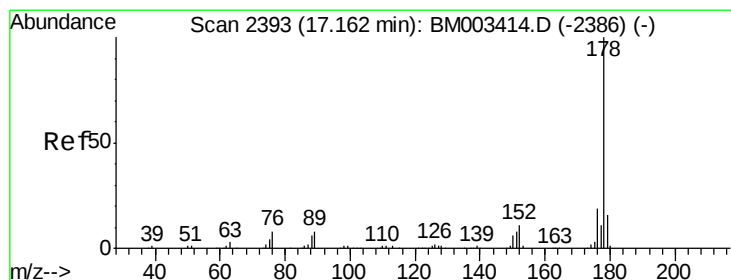
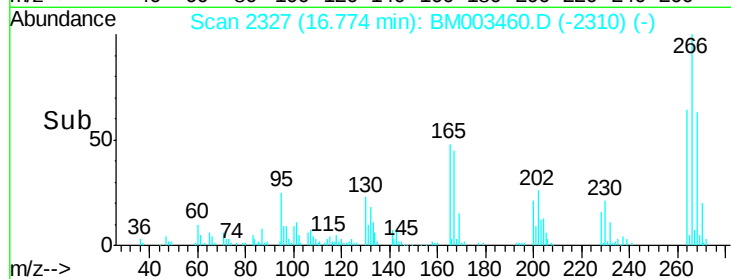
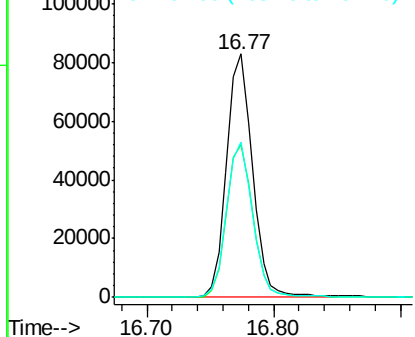
#69
 Pentachlorophenol
 Concen: 58.28 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

Tot Ion:266 Resp: 118123
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 63.7 49.0 73.4

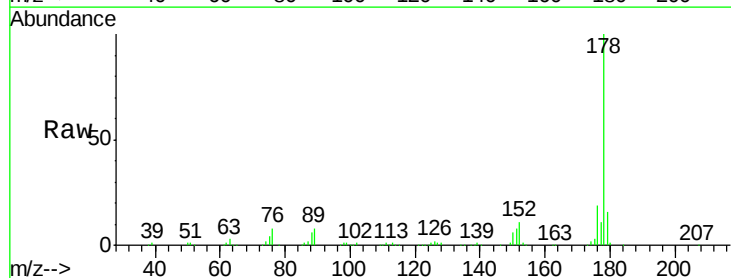


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

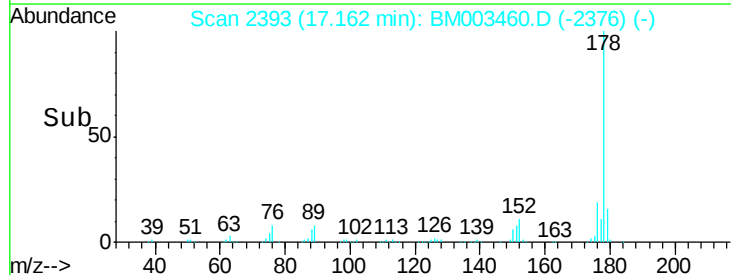
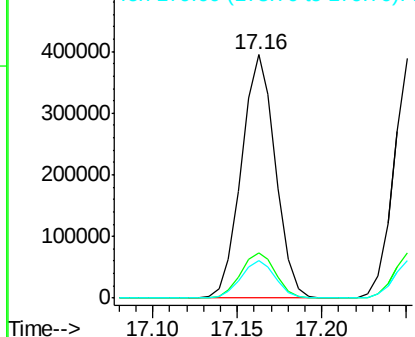


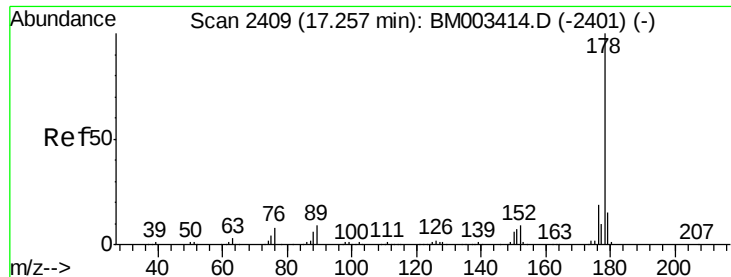
#70
 Phenanthrene
 Concen: 32.03 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:178 Resp: 550821
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.6 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

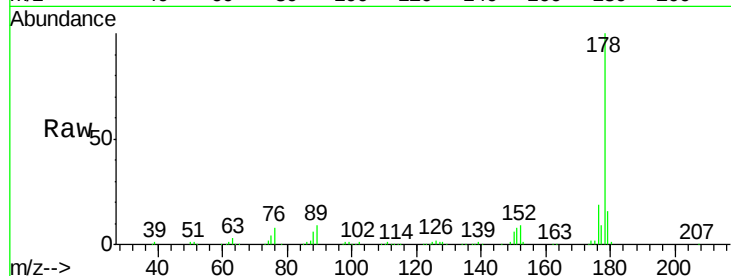




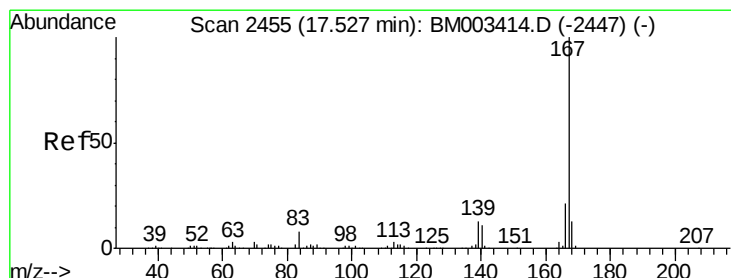
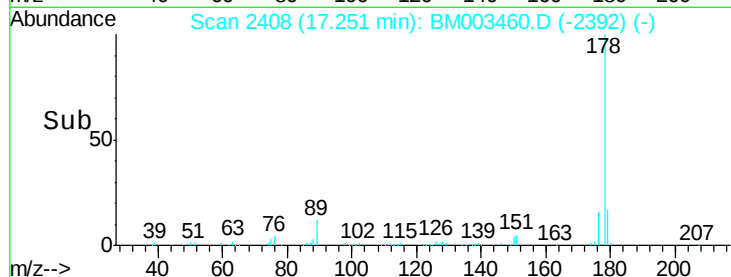
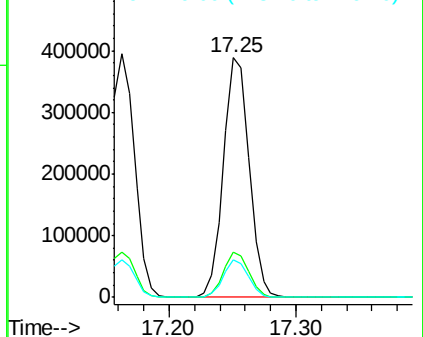
#71
 Anthracene
 Concen: 32.07 ng
 RT: 17.25 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

Tot Ion:178 Resp: 548101
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.8 12.6 19.0

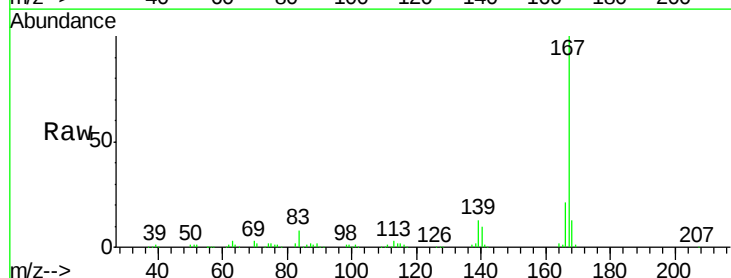


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

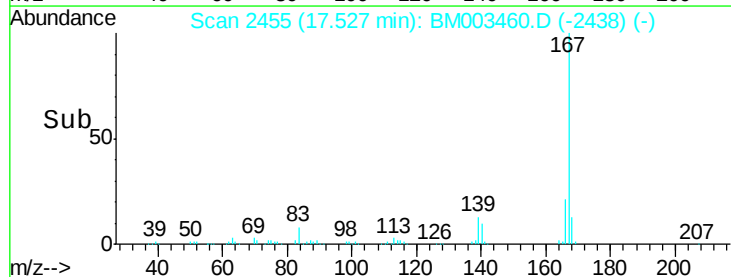
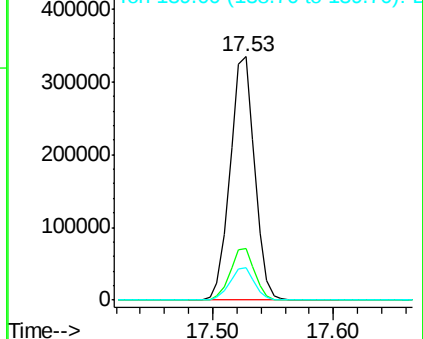


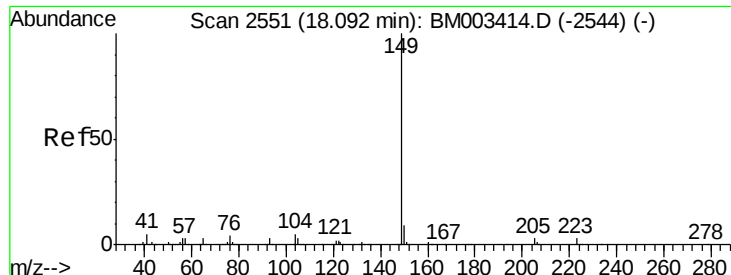
#72
 Carbazole
 Concen: 31.77 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:167 Resp: 472966
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

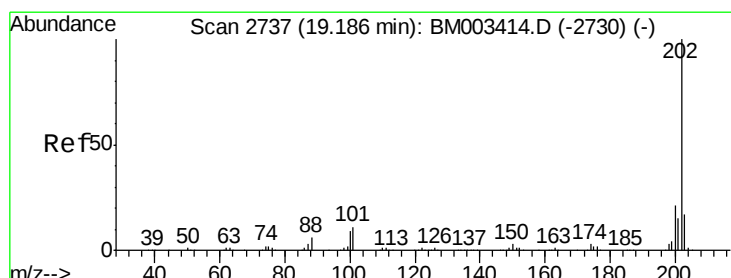
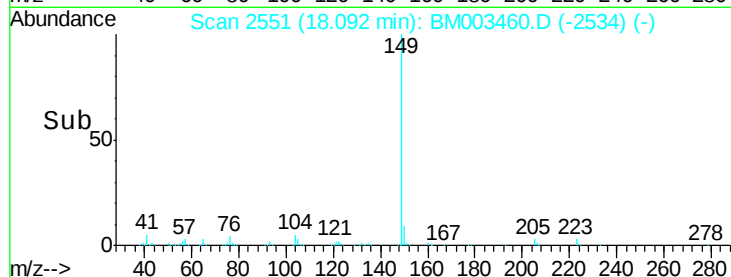
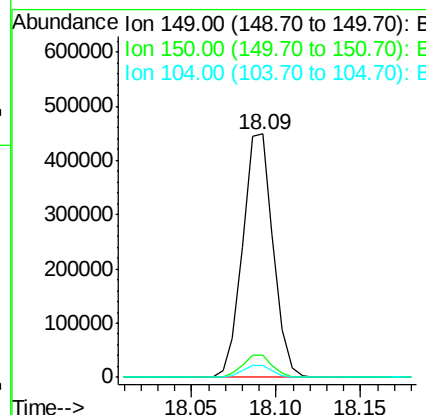
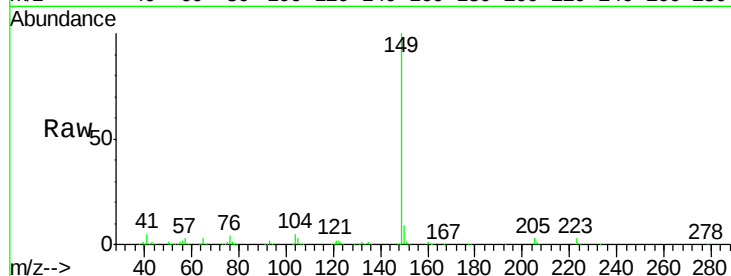




#73
Di-n-butylphthalate
Concen: 32.28 ng
RT: 18.09 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

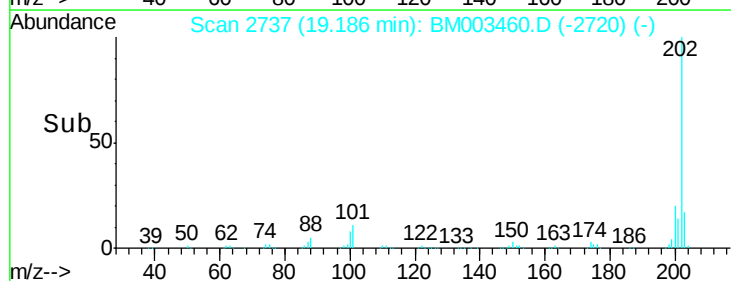
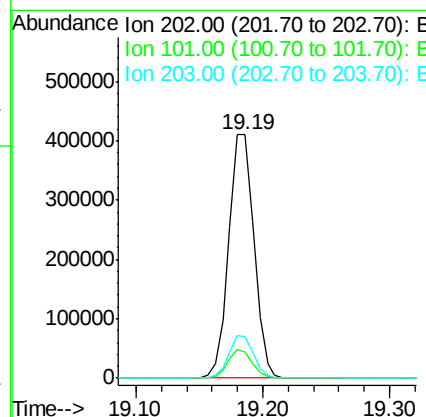
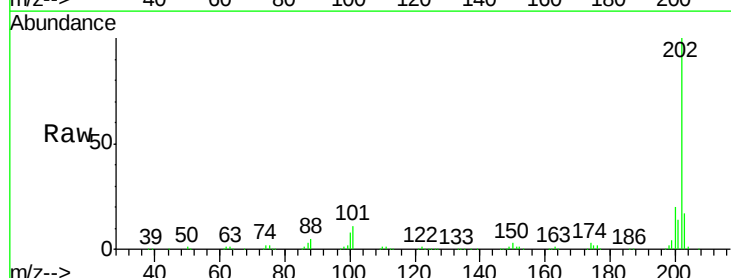
Instrument :
BNA_M
ClientSampleId :
PB87185BS

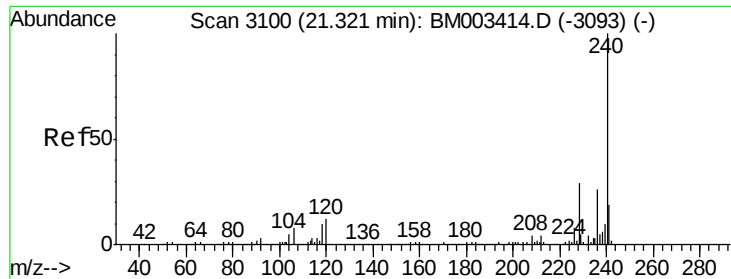
Tot Ion:149 Resp: 561763
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.8 3.7 5.5



#74
Fluoranthene
Concen: 31.90 ng
RT: 19.19 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:202 Resp: 565814
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.7
203 17.2 0.0 37.2

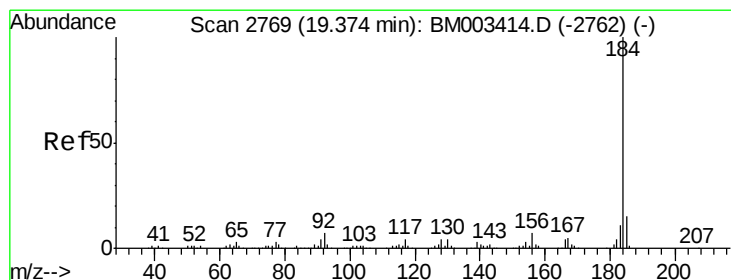
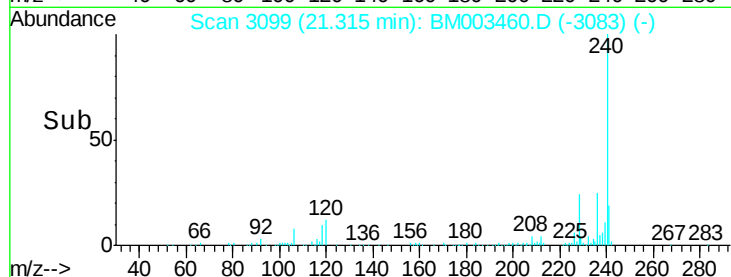
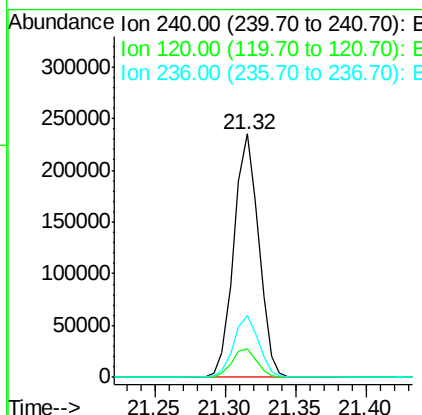
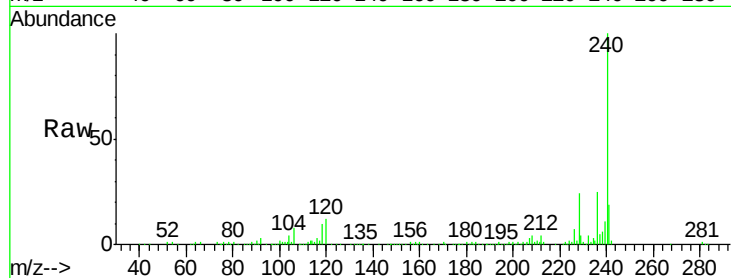




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

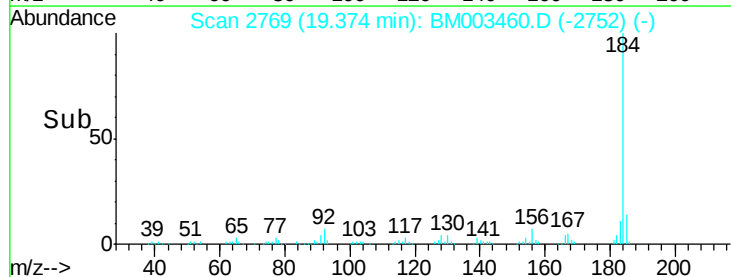
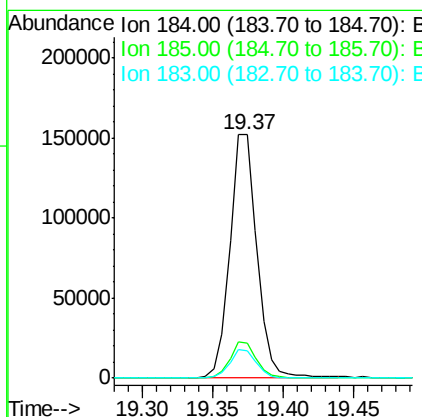
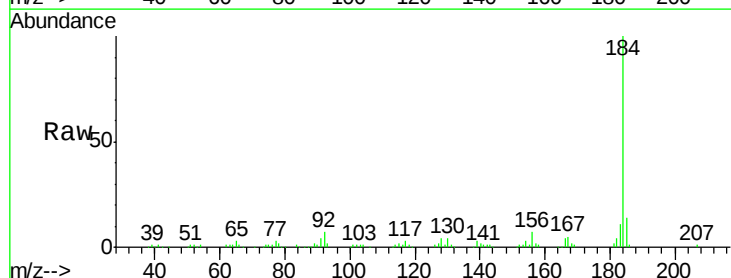
Instrument :
BNA_M
ClientSampleId :
PB87185BS

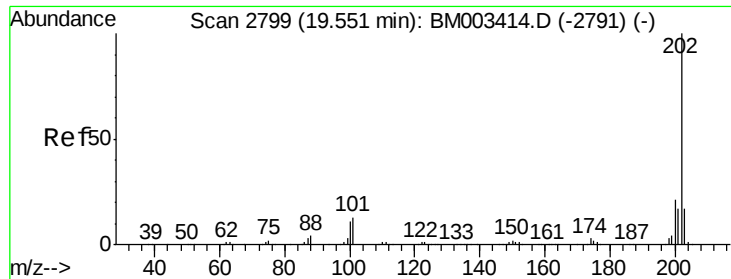
Tot Ion:240 Resp: 289094
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 25.4 20.0 30.0



#76
Benzidine
Concen: 22.06 ng
RT: 19.37 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:184 Resp: 204316
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 11.3 8.9 13.3

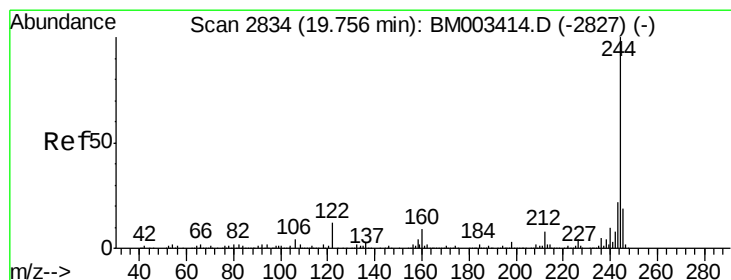
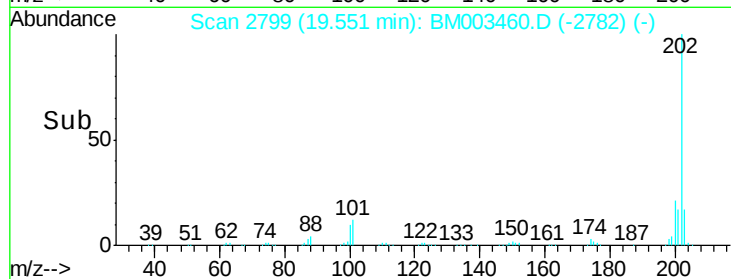
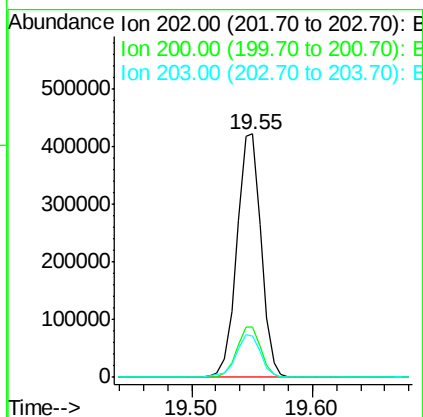
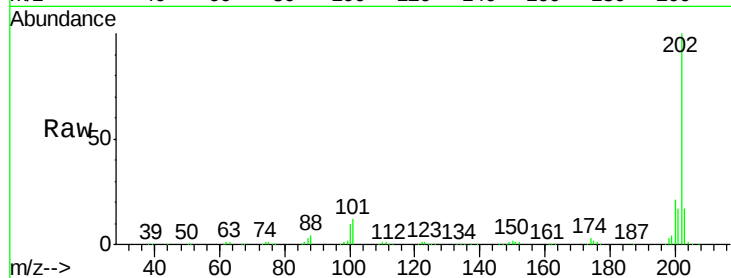




#77
Pvrene
Concen: 29.09 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

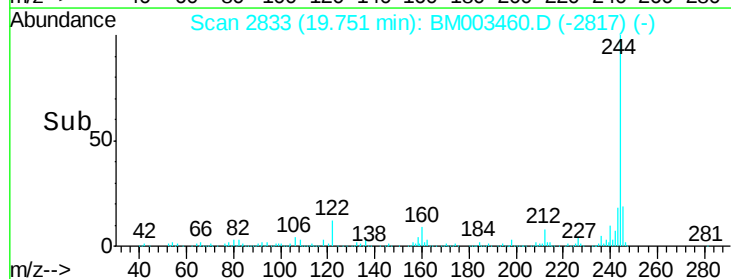
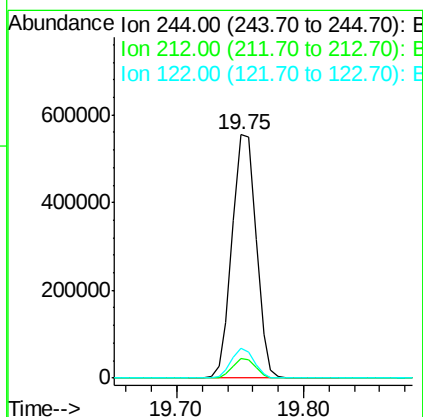
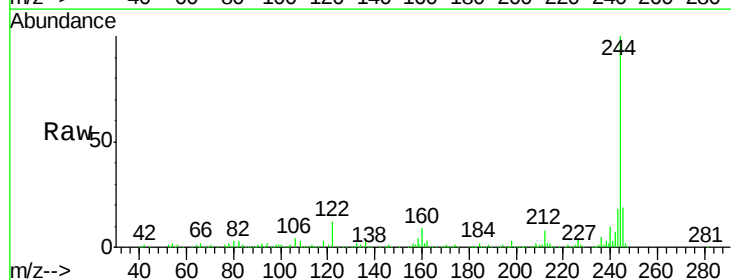
Instrument :
BNA_M
ClientSampled :
PB87185BS

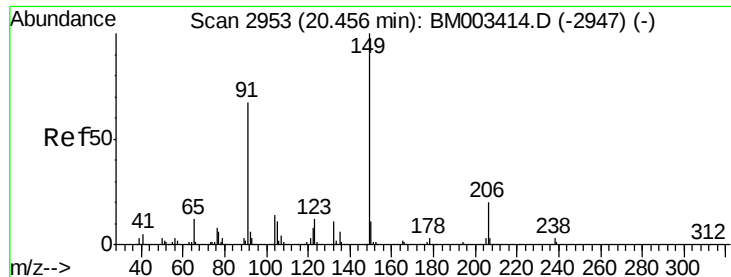
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.1	14.1	21.1



#78
Terphenyl-d14
Concen: 59.35 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.4	6.2	9.4#

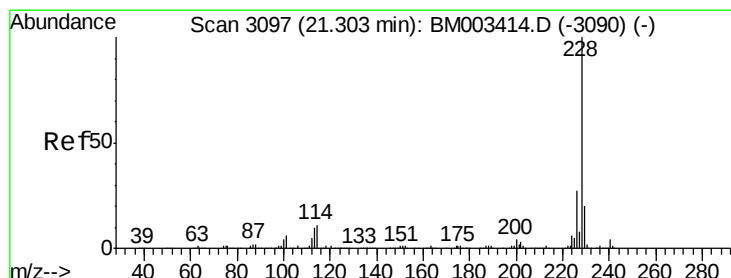
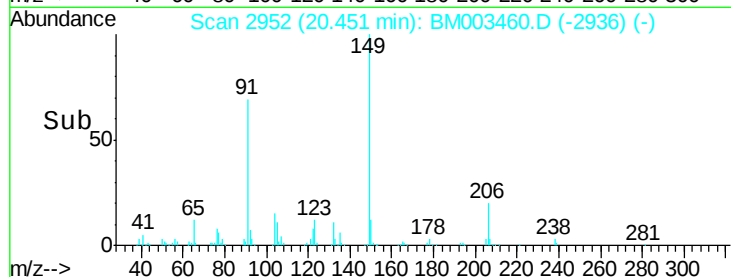
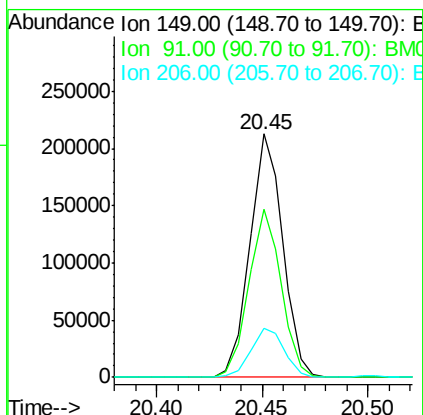
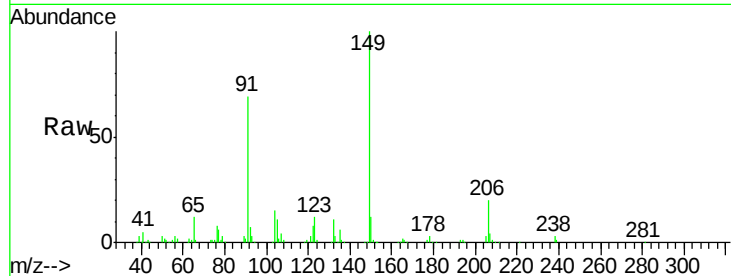




#79
Butylbenzylphthalate
Concen: 29.50 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

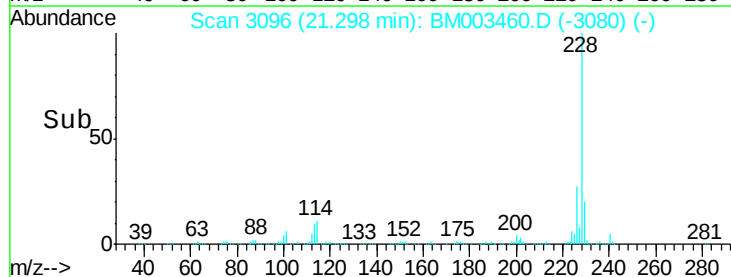
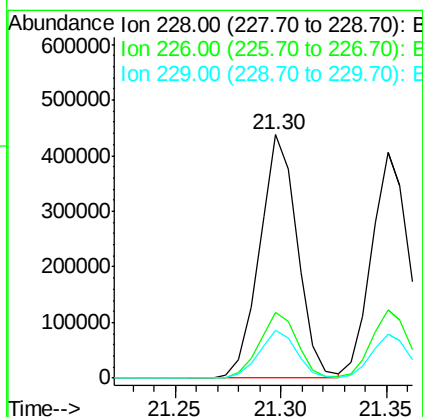
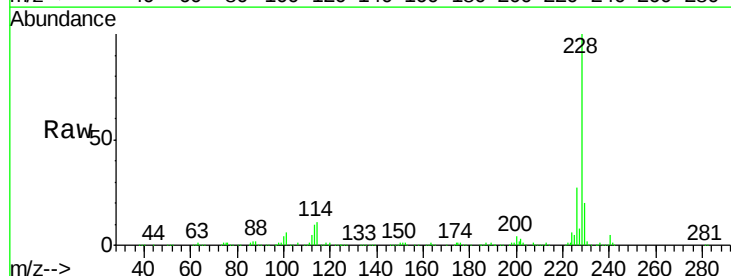
Instrument :
BNA_M
ClientSampleID :
PB87185BS

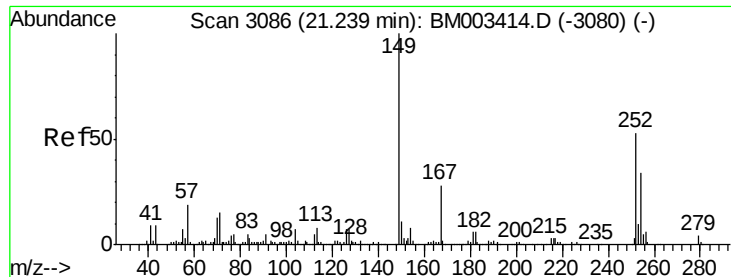
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	50.1	75.1
206	20.2	16.2	24.2



#80
Benzo(a)anthracene
Concen: 31.31 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	16.0	24.0

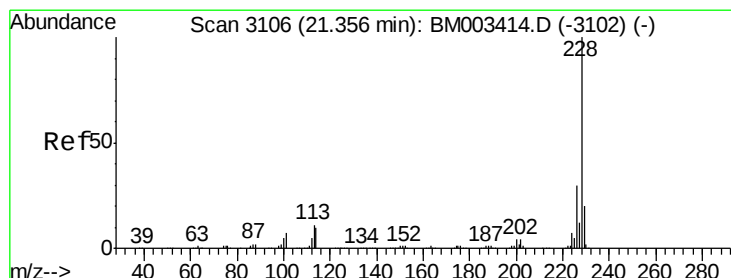
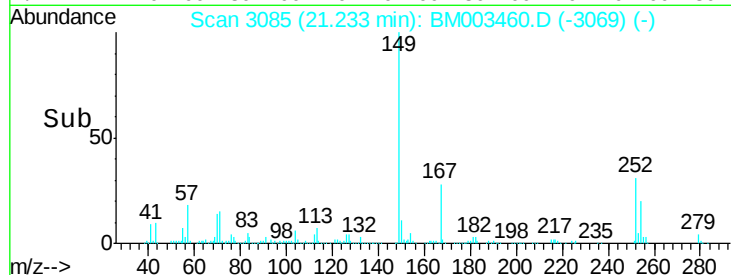
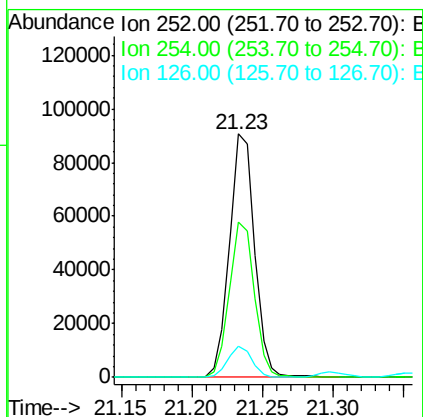
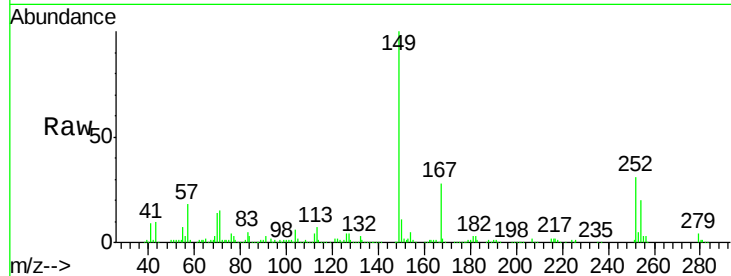




#81
 3,3'-Dichlorobenzidine
 Concen: 20.46 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

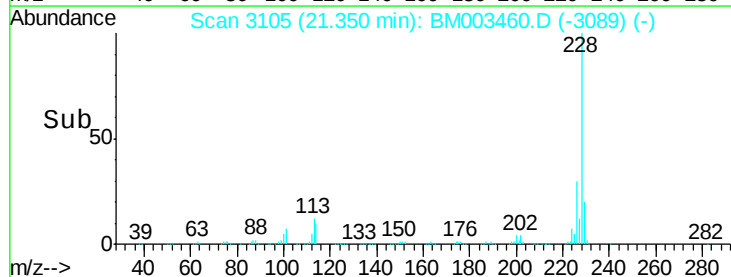
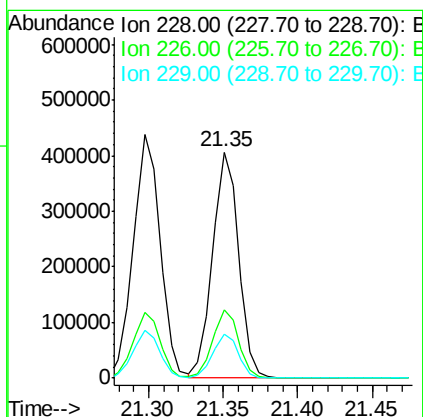
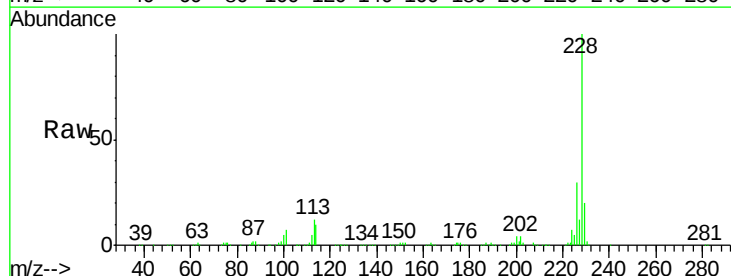
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

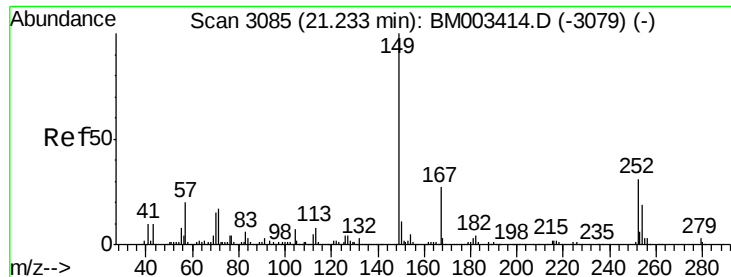
Tot Ion:252 Resp: 112914
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.9 77.9
 126 12.9 9.8 14.8



#82
 Chrysene
 Concen: 29.73 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion:228 Resp: 495904
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.7 15.5 23.3

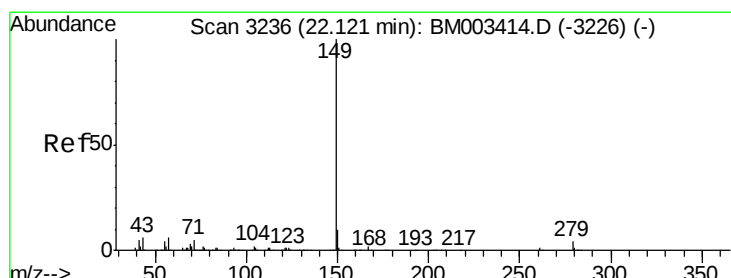
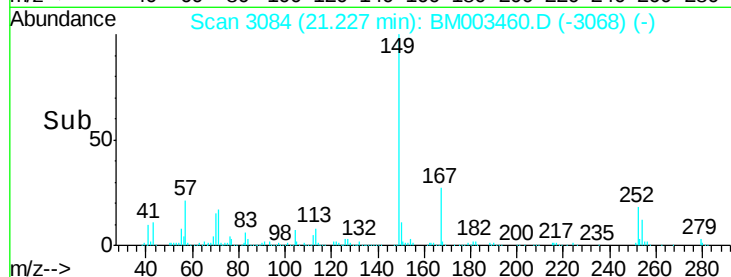
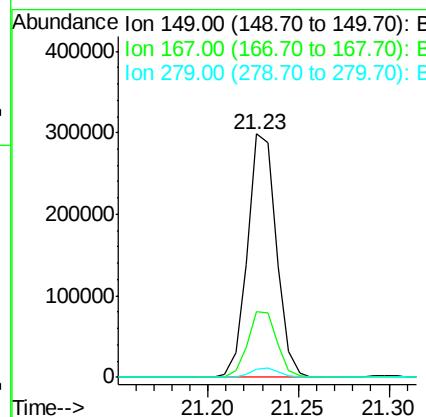
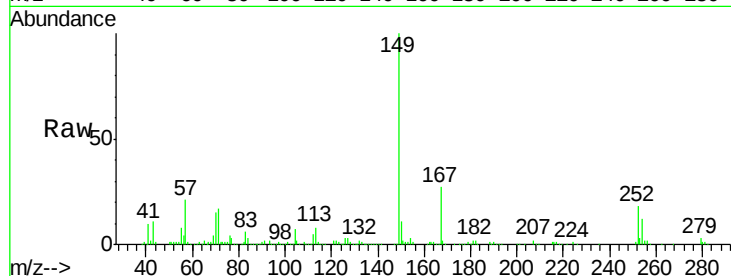




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.83 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

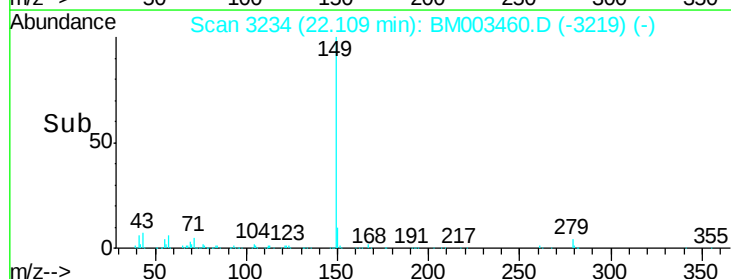
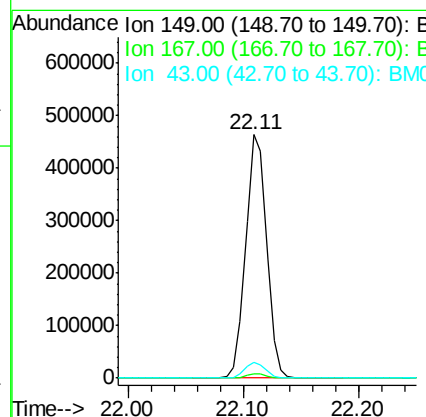
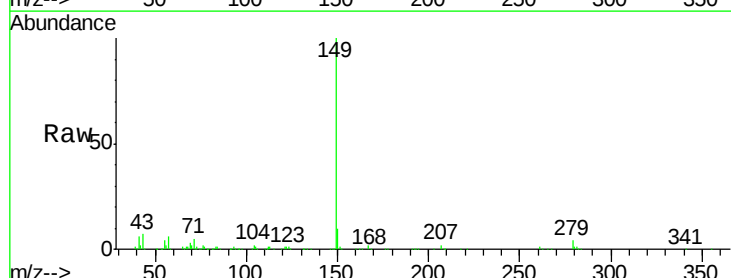
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BS

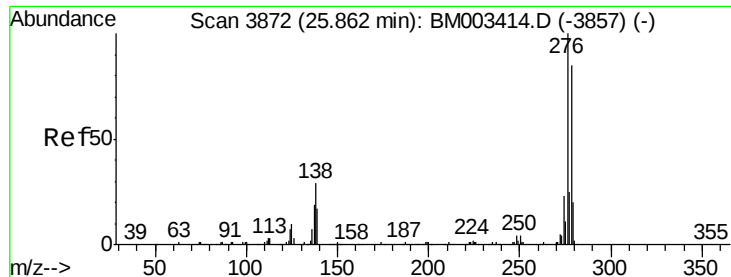
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.4	33.6
279	3.4	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 32.92 ng
 RT: 22.11 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BM003460.D
 Acq: 10 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.5	7.3	10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.24 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

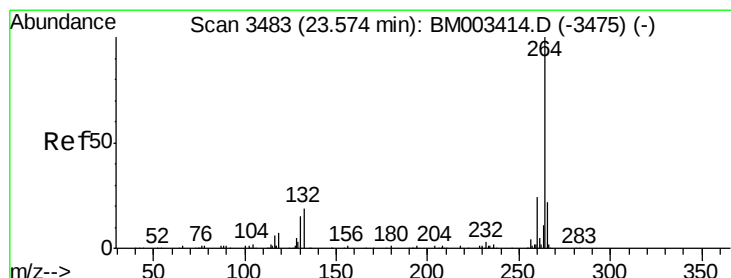
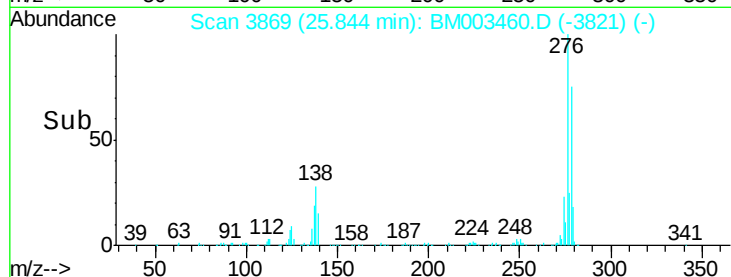
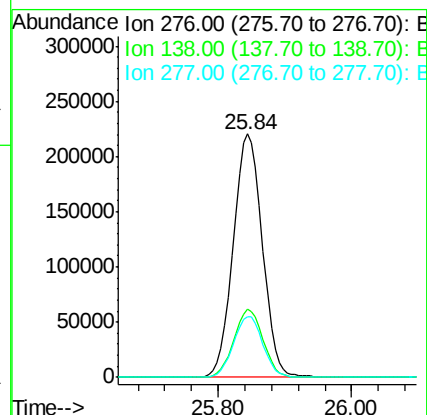
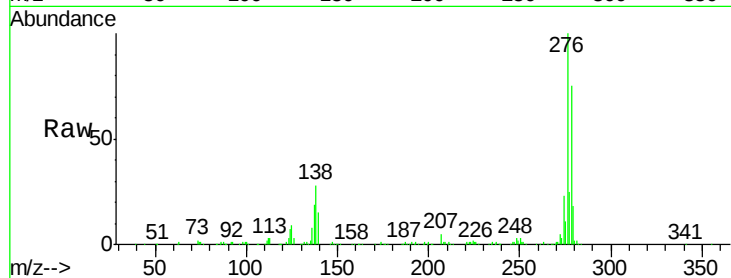
Tot Ion:276 Resp: 670242

Ion Ratio Lower Upper

276 100

138 28.2 0.0 0.0#

277 25.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

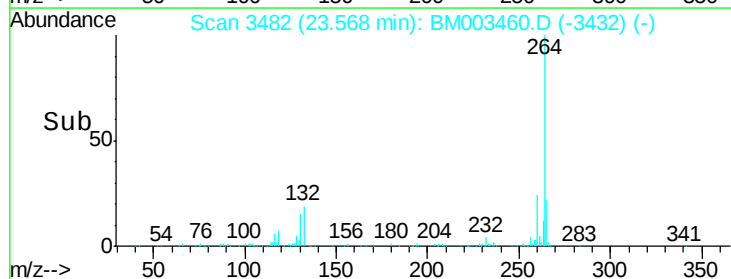
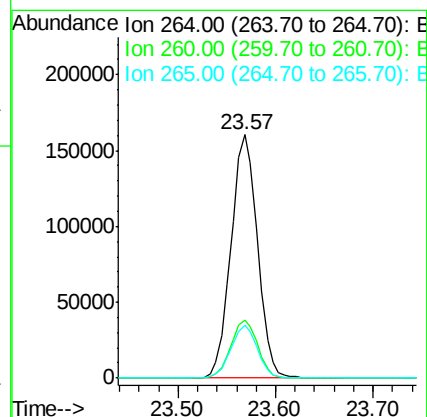
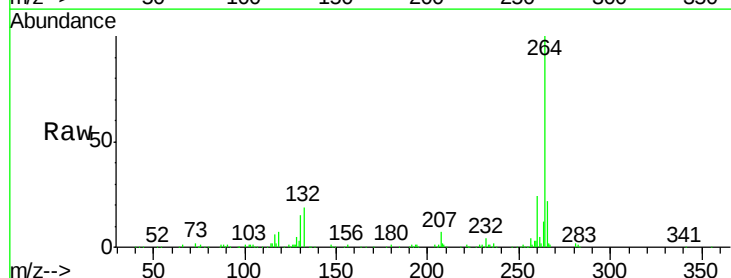
Tgt Ion:264 Resp: 301863

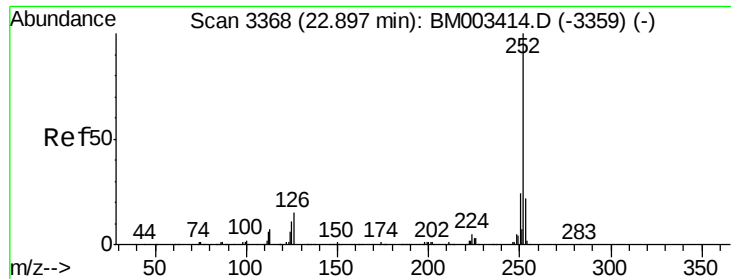
Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 31.41 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

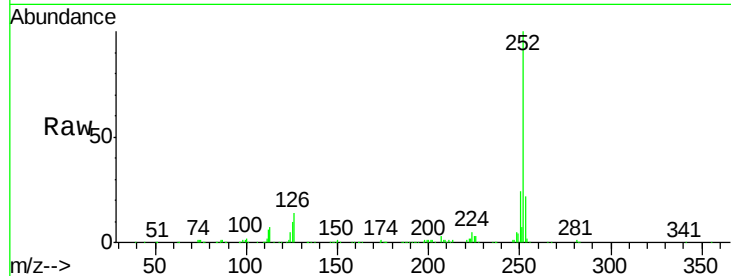
Tot Ion:252 Resp: 576384

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

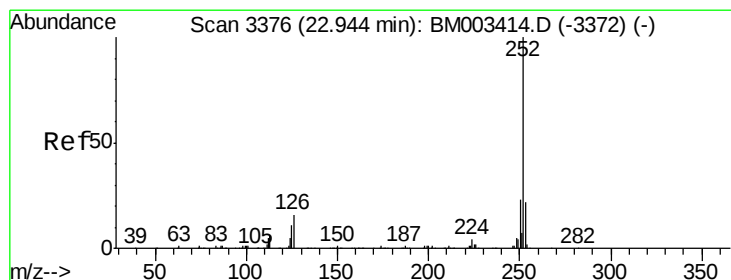
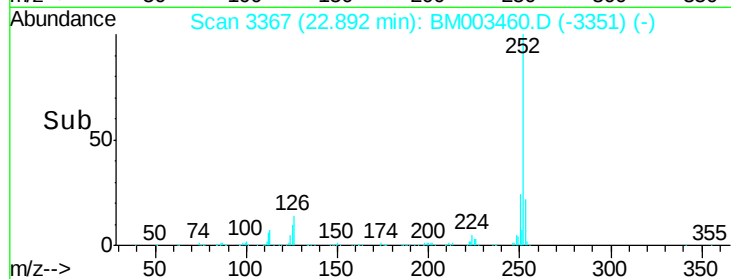
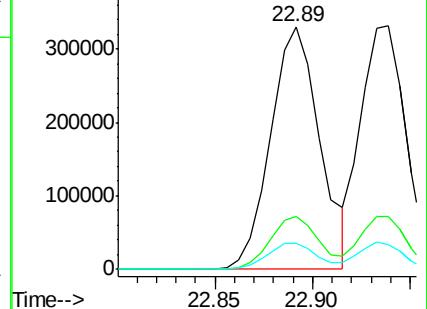
125 10.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.70 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

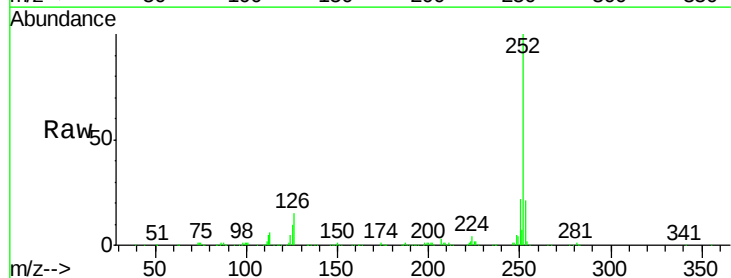
Tgt Ion:252 Resp: 532094

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

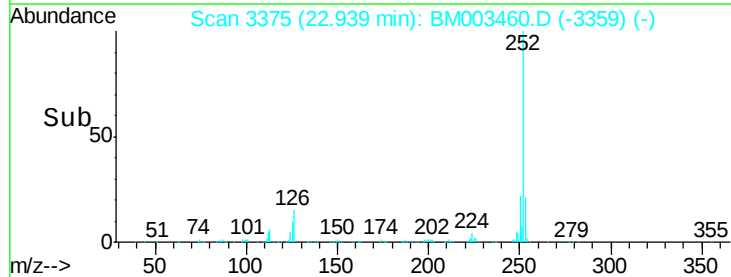
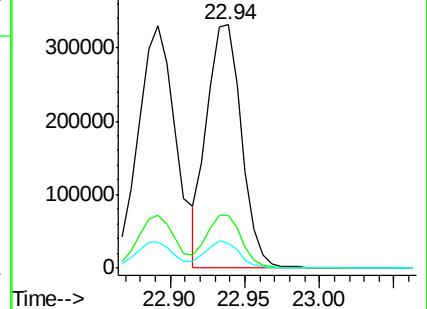
125 10.2 8.1 12.1

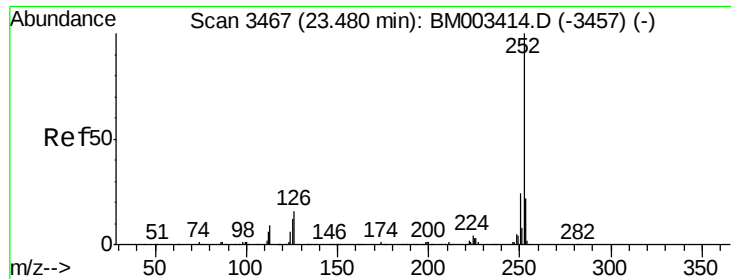


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

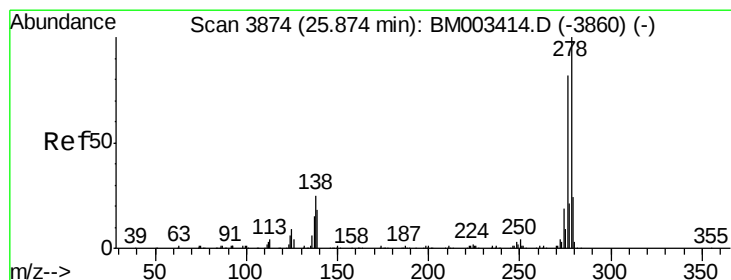
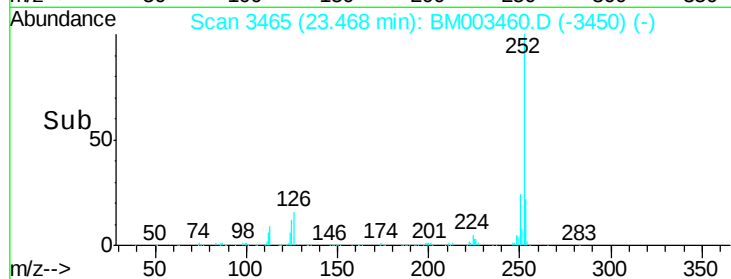
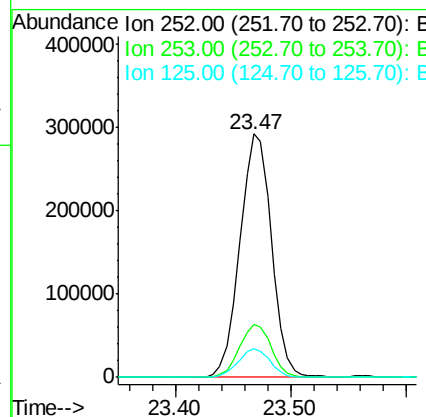
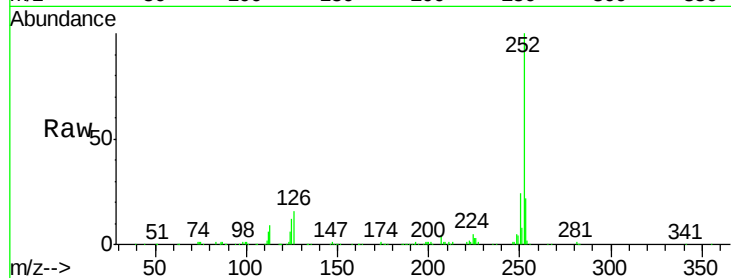




#89
Benzo(a)pyrene
Concen: 32.13 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

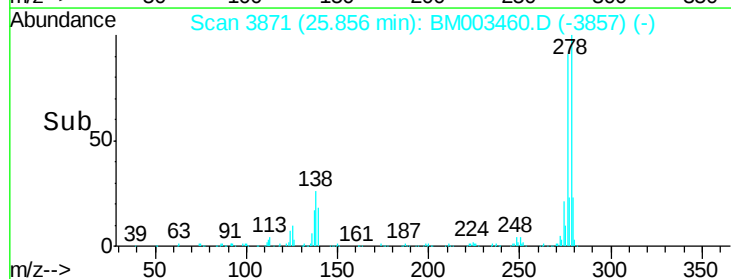
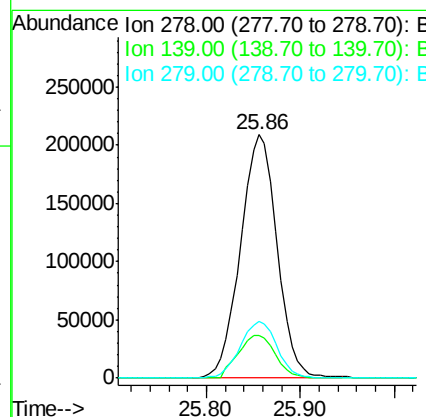
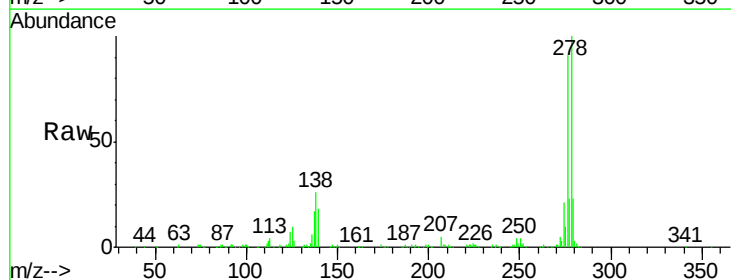
Instrument :
BNA_M
ClientSampleId :
PB87185BS

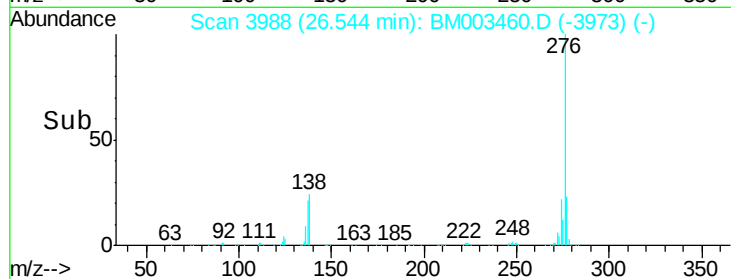
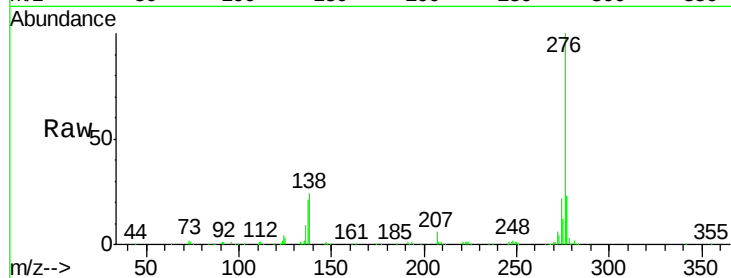
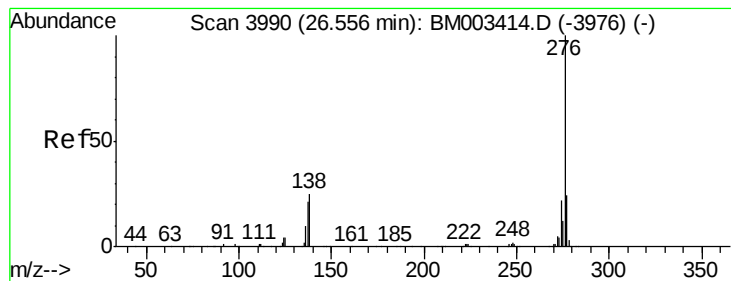
Tot Ion:252 Resp: 554529
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.8 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 33.53 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:278 Resp: 564996
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.42 ng

RT: 26.54 min Scan# 3988

Delta R.T. -0.01 min

Lab File: BM003460.D

Acq: 10 Dec 2015 19:47

Instrument :

BNA_M

ClientSampleId :

PB87185BS

Tot Ion:276 Resp: 568982

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 24.2 19.0 28.6

