

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010849.D
 Acq On : 17 Jul 2017 23:57
 Operator : SJ/JU
 Sample : PB100669TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100669TB

Quant Time: Jul 18 05:42:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	268485	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1006161	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	619982	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1409604	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1247814	20.00	ng	0.00
86) Perylene-d12	23.19	264	980361	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	2364638	145.89	ng	0.00
7) Phenol-d6	6.64	99	3065870	137.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	2338100	89.32	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1267808	133.81	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4728319	94.88	ng	0.00
78) Terphenyl-d14	19.51	244	5676420	87.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	273	0.038	ng	# 100
3) Pyridine	3.43	79	302	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	583	0.058	ng	# 1
6) Aniline	6.80	93	518	0.019	ng	# 43
8) 2-Chlorophenol	6.97	128	136	0.008	ng	# 1
9) Benzaldehyde	6.65	77	8328	0.537	ng	# 2
10) Phenol	6.66	94	649	0.027	ng	# 1
14) 1,2-Dichlorobenzene	7.79	146	285	0.015	ng	# 1
15) Benzyl Alcohol	7.76	79	39233	1.854	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.99	45	288	0.018	ng	# 66
20) 3+4-Methylphenols	8.15	107	206	0.010	ng	# 19
22) Acetophenone	8.17	105	146	0.005	ng	# 52
24) Nitrobenzene	8.59	77	9624	0.359	ng	# 40
25) Isophorone	9.19	82	238	0.006	ng	# 62
27) 2,4-Dimethylphenol	9.46	122	110	0.007	ng	# 6
32) Benzoic acid	9.46	122	110	0.009	ng	# 18
33) 4-Chloroaniline	10.38	127	287	0.014	ng	# 51
45) 1,1'-Biphenyl	12.91	154	7017	0.130	ng	# 62
47) 2-Nitroaniline	13.23	65	129	0.010	ng	# 1
51) Acenaphthene	14.09	154	2832	0.079	ng	# 5
59) Diethylphthalate	14.93	149	137	0.003	ng	# 58
62) Azobenzene	15.41	77	303	0.006	ng	# 50
70) Phenanthrene	16.85	178	365	0.005	ng	# 1
71) Anthracene	16.97	178	270	0.004	ng	# 61
72) Carbazole	17.27	167	140	0.002	ng	# 59
74) Fluoranthene	18.92	202	124	0.001	ng	# 66
76) Benzidine	19.13	184	6637	0.199	ng	# 68
77) Pyrene	19.28	202	486	0.007	ng	# 57
79) Butylbenzylphthalate	20.22	149	744	0.029	ng	# 28
80) Benzo(a)anthracene	21.06	228	4387	0.061	ng	# 78
81) 3,3'-Dichlorobenzidine	21.00	252	1432	0.050	ng	# 26
82) Chrysene	21.10	228	729	0.011	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.01	149	1105	0.030	ng	# 52
84) Di-n-octyl phthalate	21.84	149	1546	0.026	ng	# 72

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QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

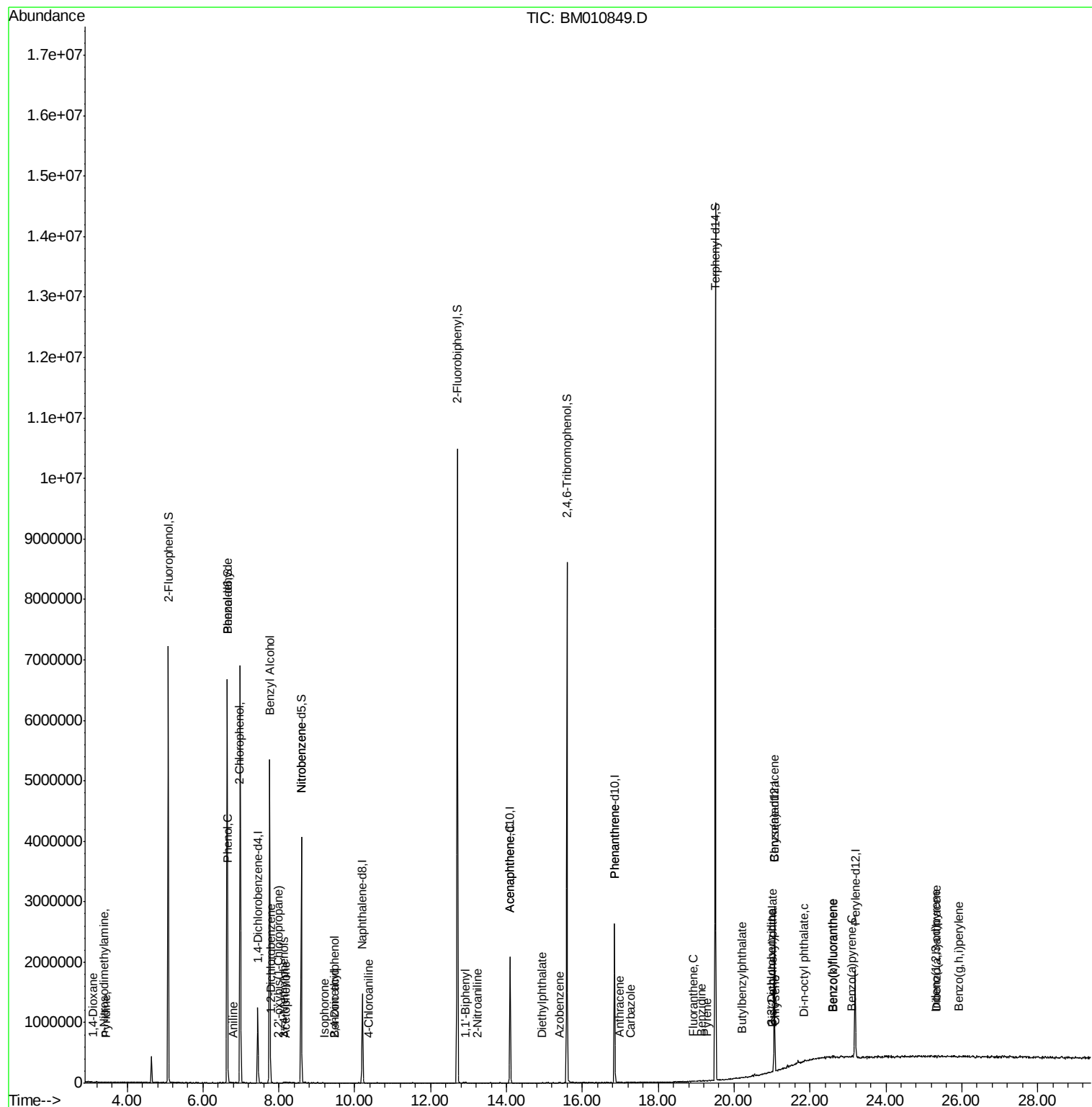
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	25.31	276	424	0.005	ng	# 100
87) Benzo(b)fluoranthene	22.59	252	1919	0.031	ng	# 1
88) Benzo(k)fluoranthene	22.61	252	518	0.009	ng	# 1
89) Benzo(a)pyrene	23.10	252	1508	0.027	ng	# 12
90) Dibenzo(a,h)anthracene	25.33	278	275	0.005	ng	# 1
91) Benzo(a,h,i)perylene	25.92	276	367	0.007	ng	# 52

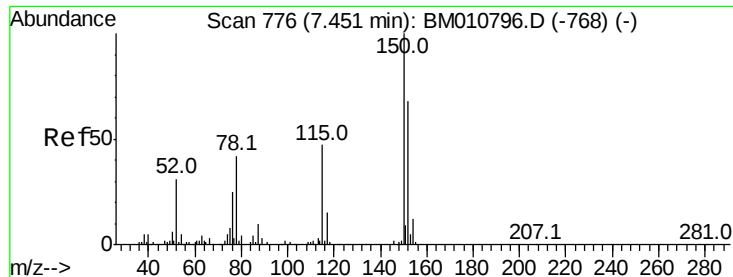
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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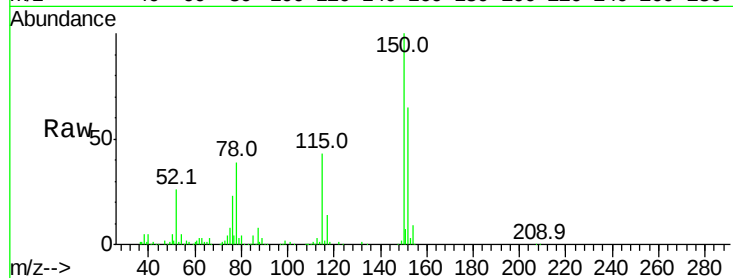


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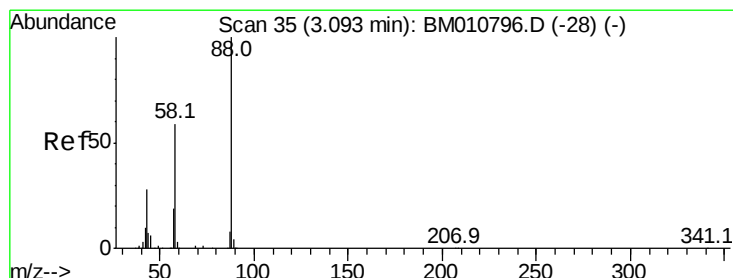
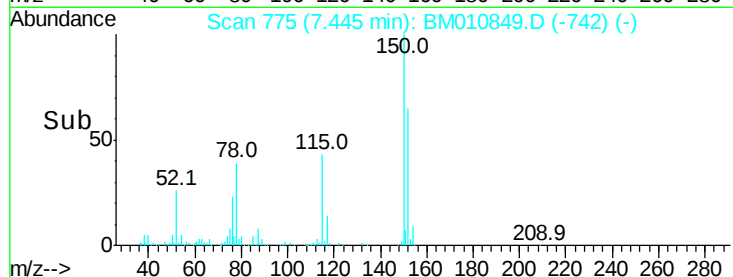
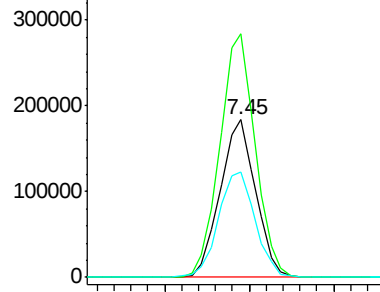
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	66.8	43.0	64.4



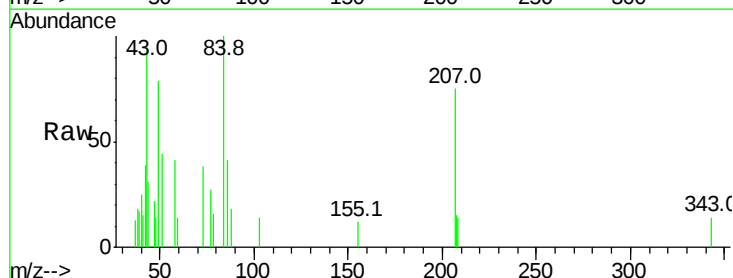
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



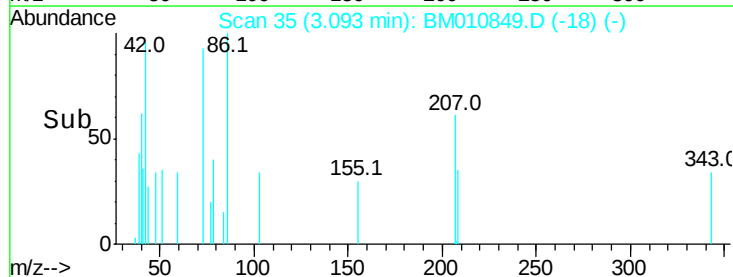
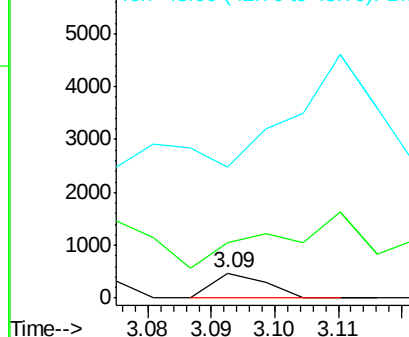
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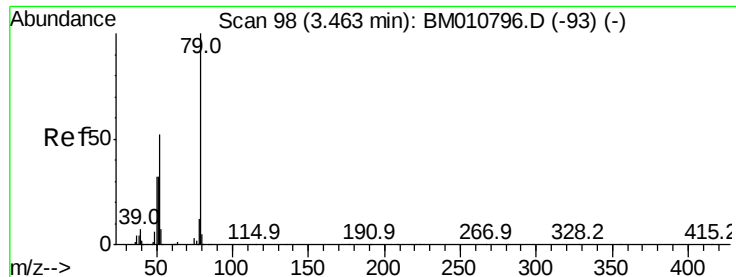
1,4-Dioxane
Concen: 0.038 ng
RT: 3.09 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	722.7	0.0	0.0#
43	652.0	0.0	0.0#



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





#3

Pvridine

Concen: 0.015 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.03 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

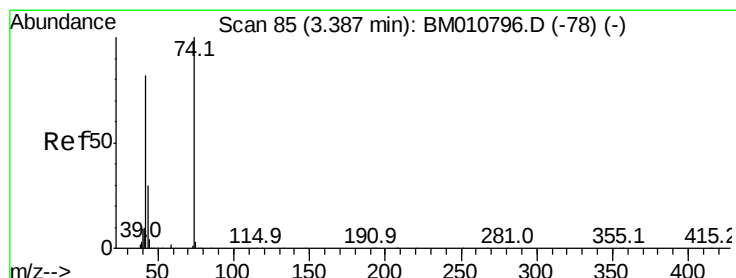
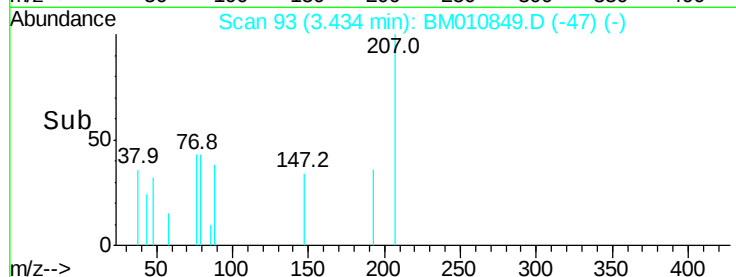
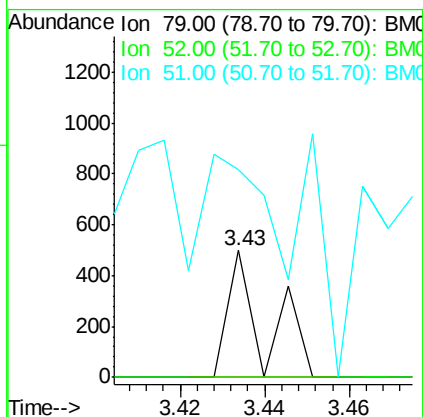
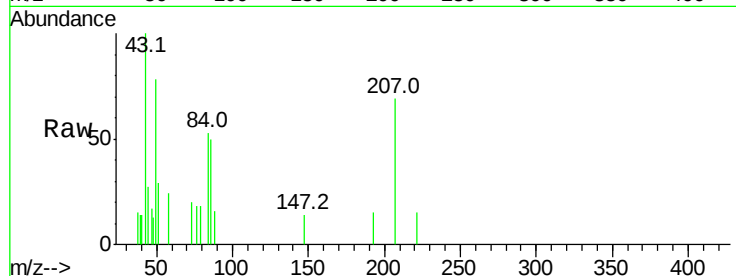
Tot Ion: 79 Resp: 302

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 164.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.39 min Scan# 86

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

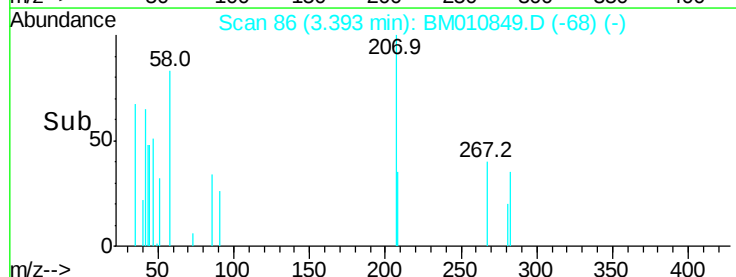
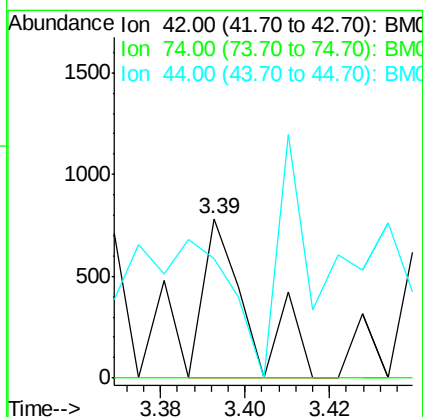
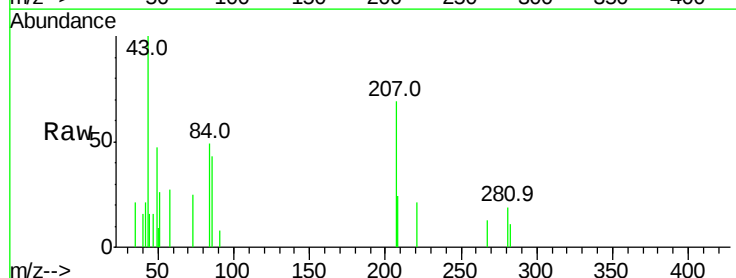
Tgt Ion: 42 Resp: 583

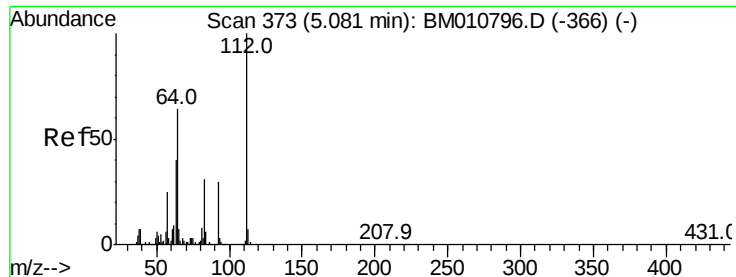
Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 74.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 145.893 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010849.D

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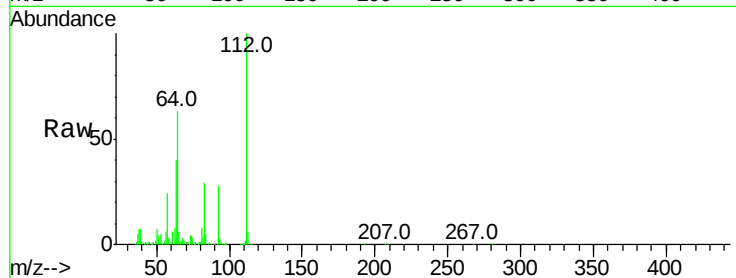
Tot Ion:112 Resp: 2364638

Ion Ratio Lower Upper

112 100

64 63.4 38.6 57.8#

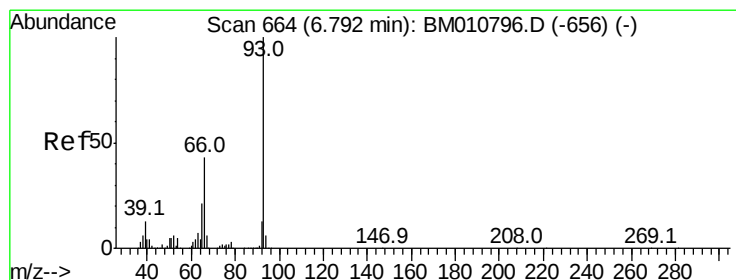
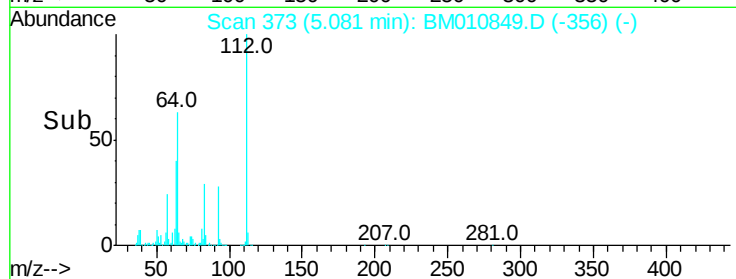
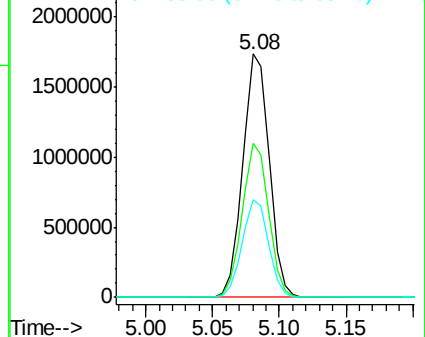
63 40.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 0.019 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

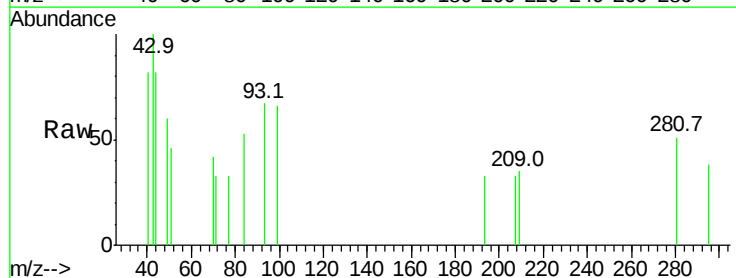
Tgt Ion: 93 Resp: 518

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

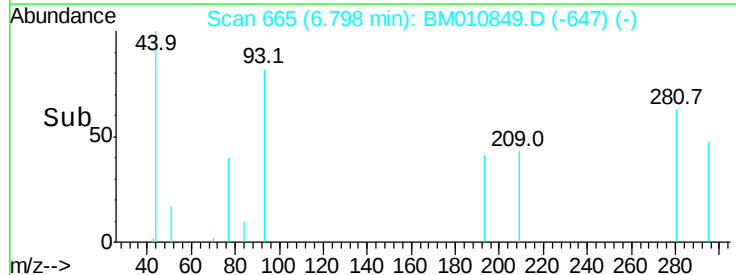
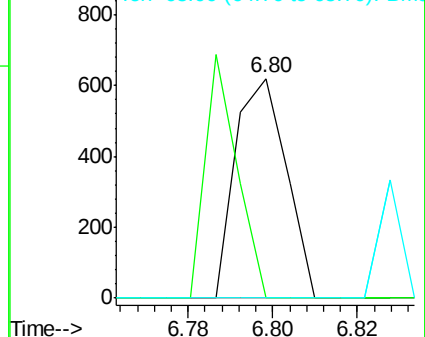
65 0.0 16.0 24.0#

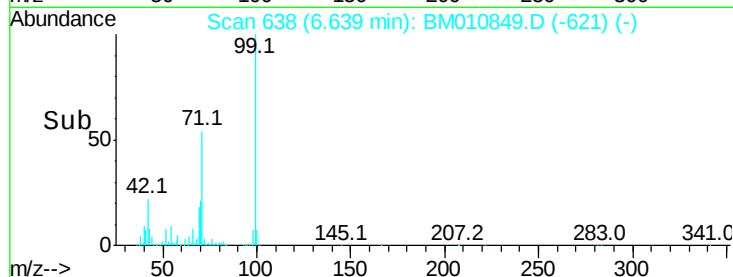
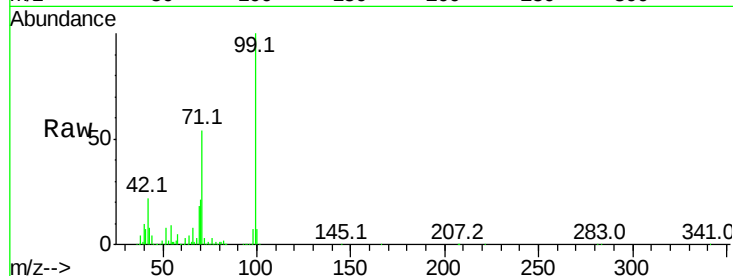
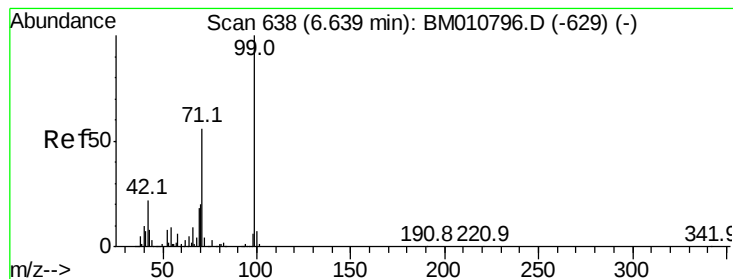


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.211 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

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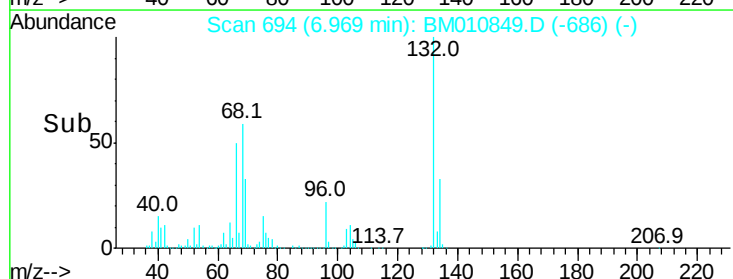
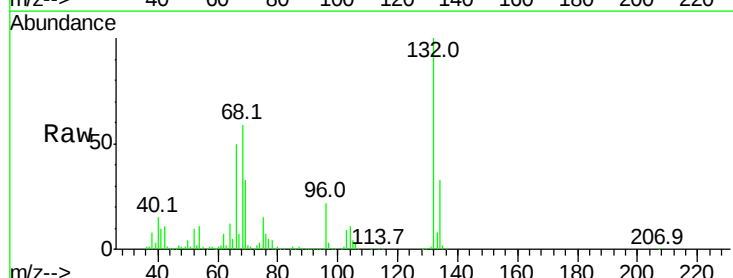
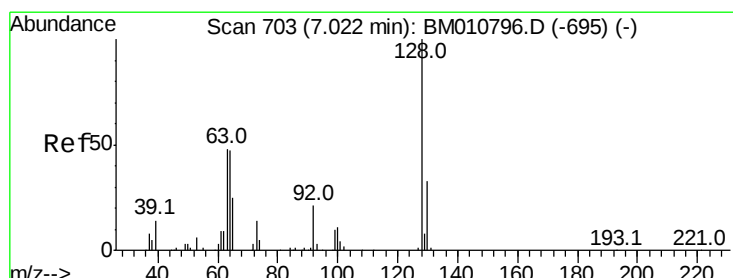
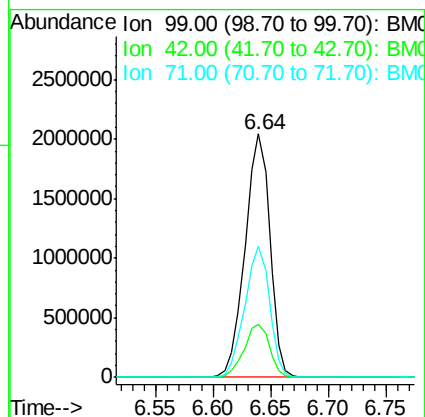
Tot Ion: 99 Resp: 3065870

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

71 53.7 23.4 35.2#



#8

2-Chlorophenol

Concen: 0.008 ng

RT: 6.97 min Scan# 694

Delta R.T. -0.05 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

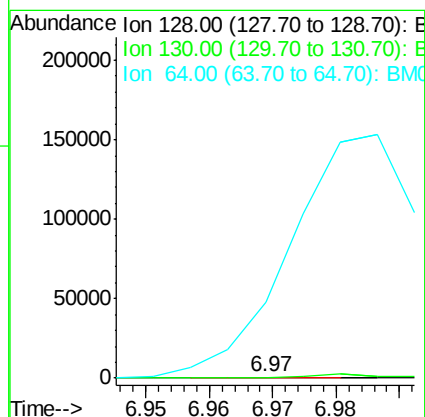
Tgt Ion:128 Resp: 136

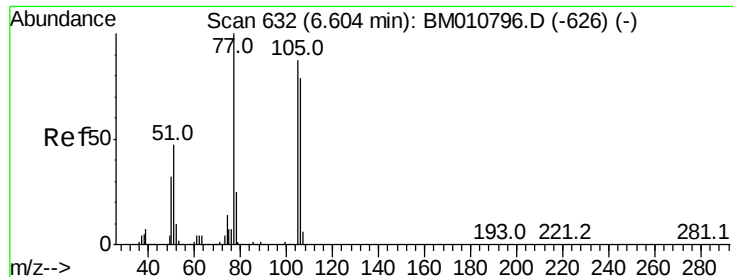
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 3825.9 24.9 64.9#

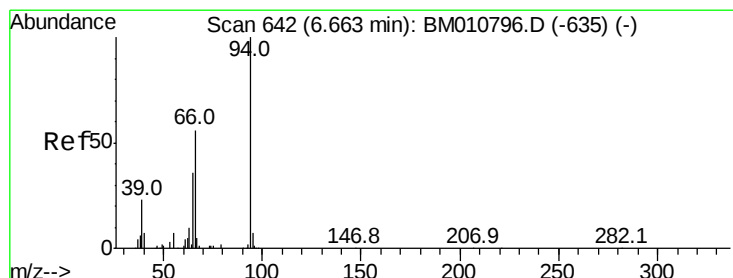
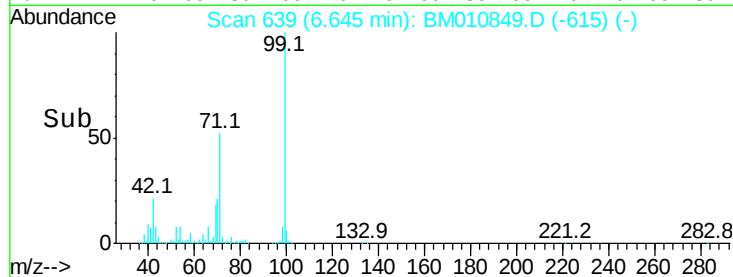
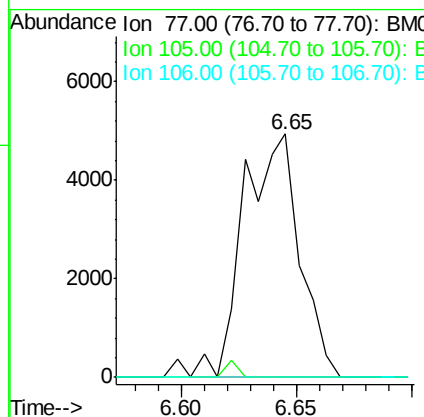
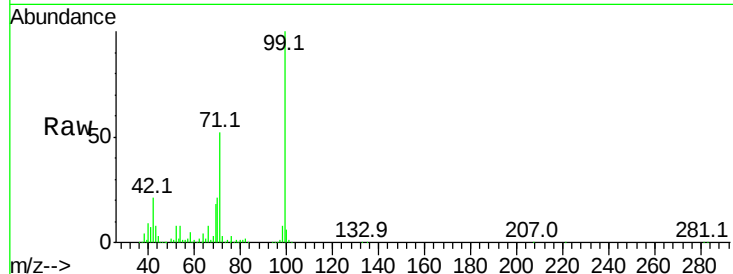




#9
Benzaldehydve
Concen: 0.537 ng
RT: 6.65 min Scan# 639
Delta R.T. 0.04 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

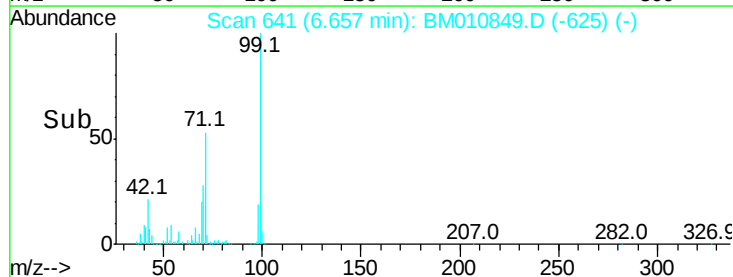
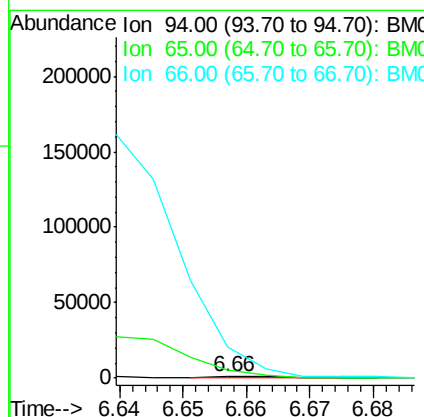
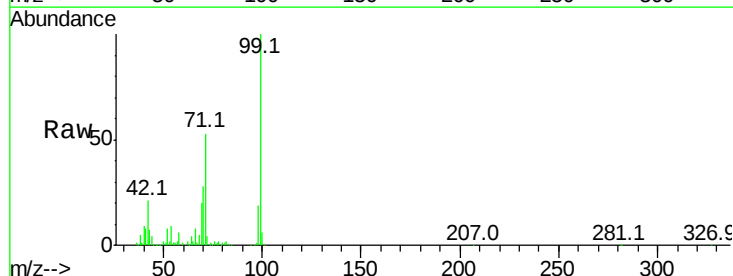
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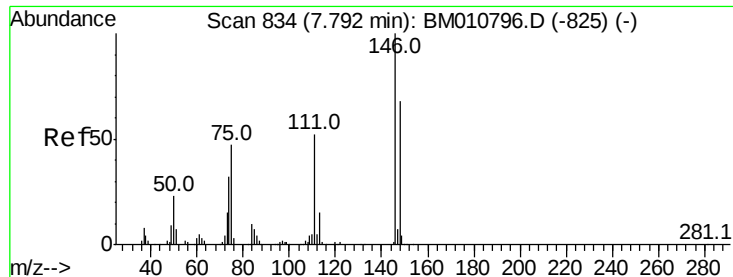
Tot Ion: 77 Resp: 8328
Ion Ratio Lower Upper
77 100
105 0.0 78.8 118.8#
106 0.0 73.7 113.7#



#10
Phenol
Concen: 0.027 ng
RT: 6.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion: 94 Resp: 649
Ion Ratio Lower Upper
94 100
65 516.5 18.8 58.8#
66 1953.1 39.9 79.9#





#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

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ClientSampleId :

PB100669TB

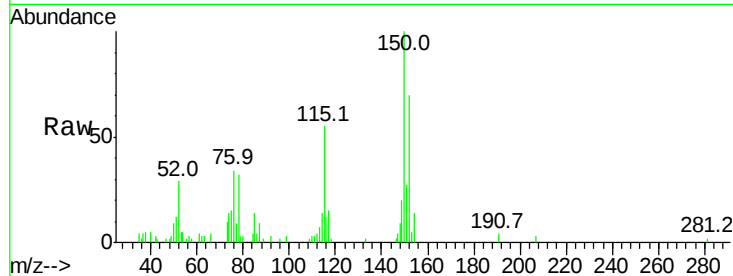
Tot Ion:146 Resp: 285

Ion Ratio Lower Upper

146 100

148 377.0 52.3 78.5#

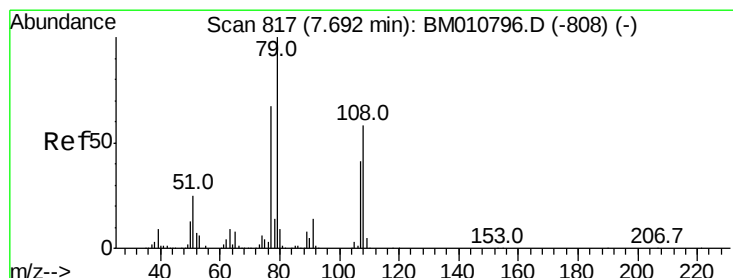
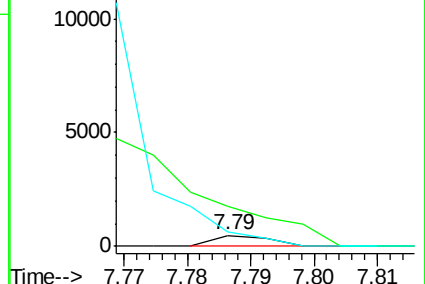
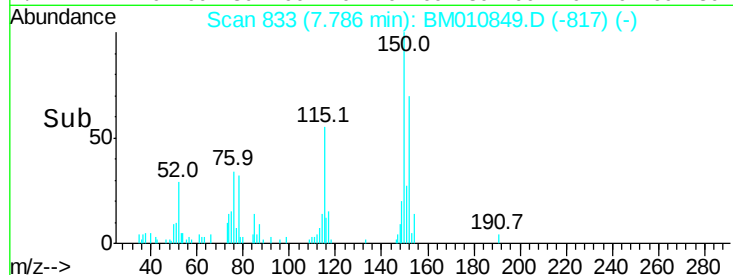
111 132.1 30.6 45.8#



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: 1.854 ng

RT: 7.76 min Scan# 828

Delta R.T. 0.06 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

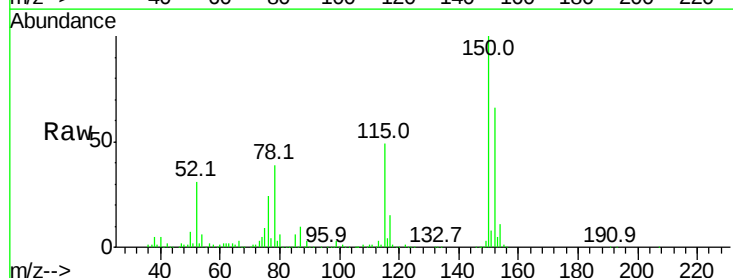
Tgt Ion: 79 Resp: 39233

Ion Ratio Lower Upper

79 100

108 46.9 65.0 97.4#

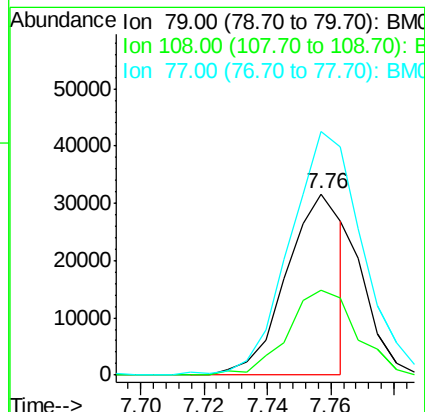
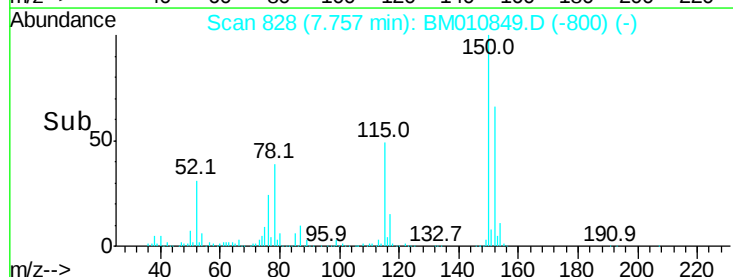
77 134.4 53.0 79.6#

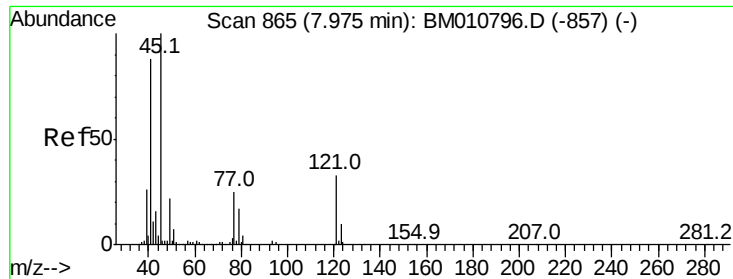


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

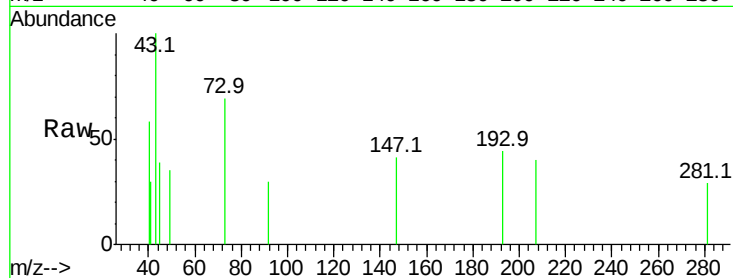




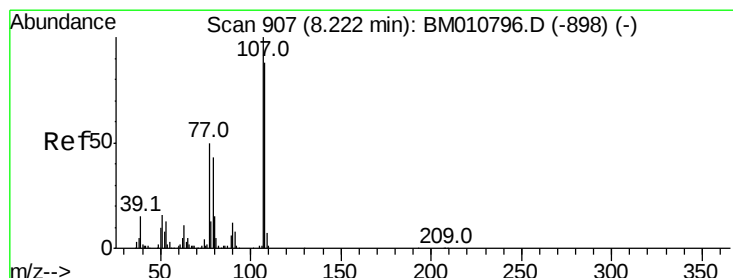
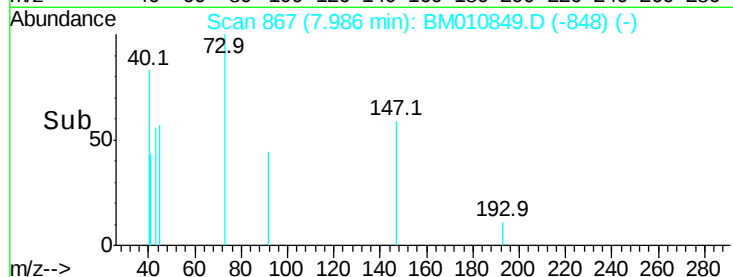
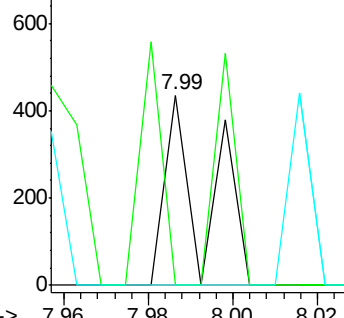
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.018 ng
RT: 7.99 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Instrument :
BNA_M
ClientSampleId :
PB100669TB

Tot Ion: 45 Resp: 288
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.2
79 0.0 0.0 32.0

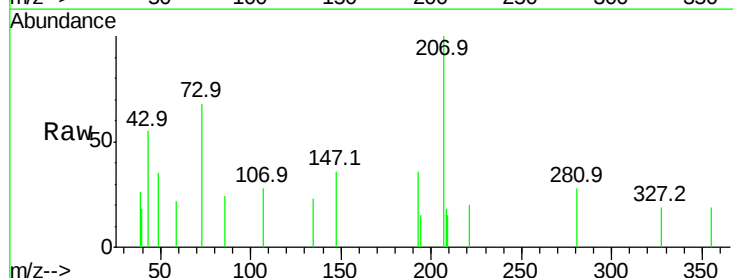


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

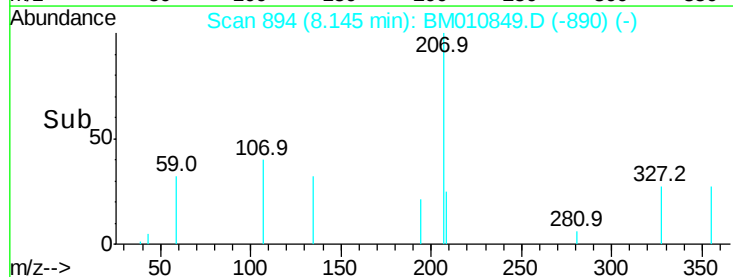
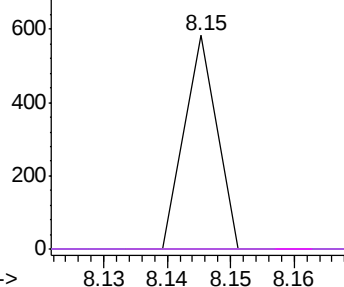


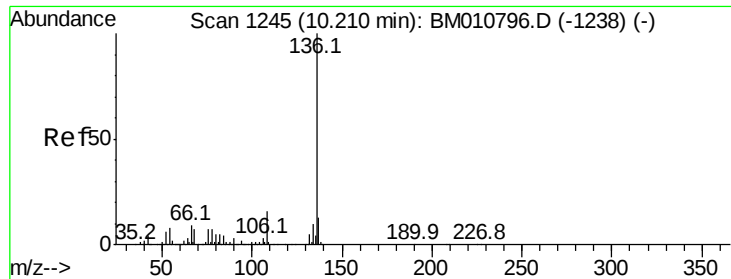
#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.08 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion:107 Resp: 206
Ion Ratio Lower Upper
107 100
108 0.0 73.2 113.2#
77 0.0 10.7 50.7#
79 0.0 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

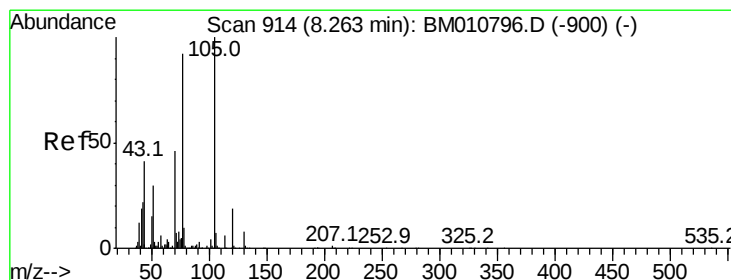
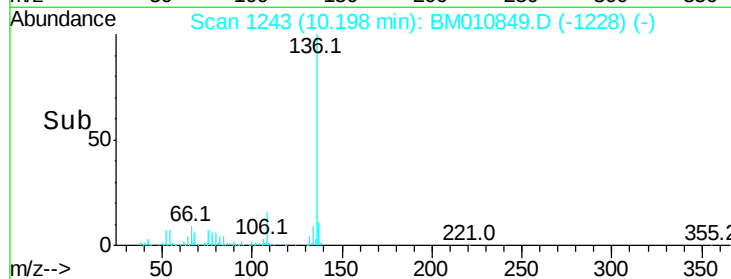
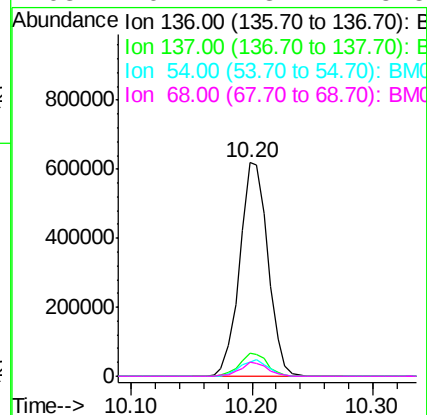
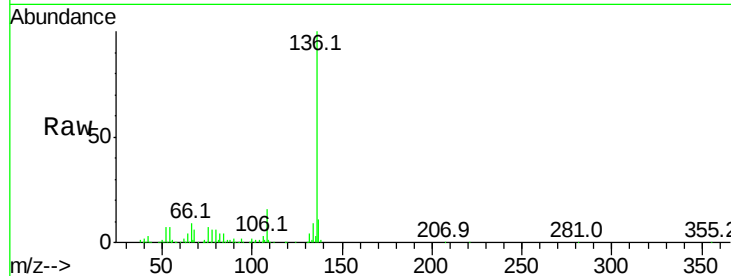




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

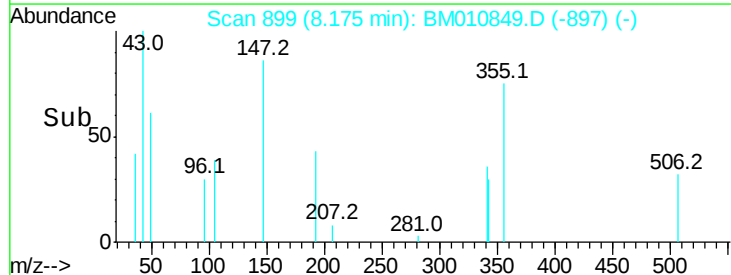
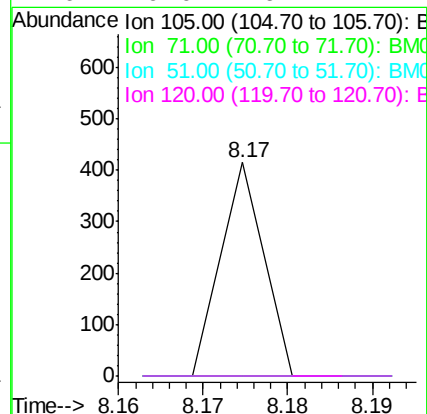
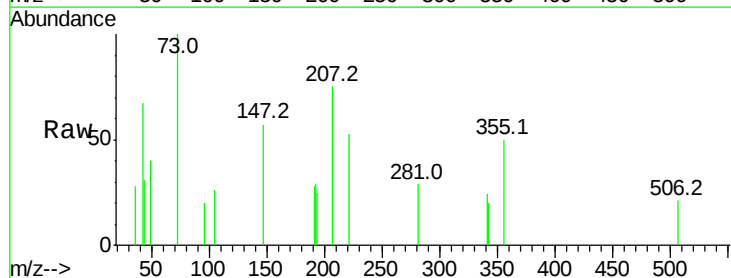
Instrument :
BNA_M
ClientSampleId :
PB100669TB

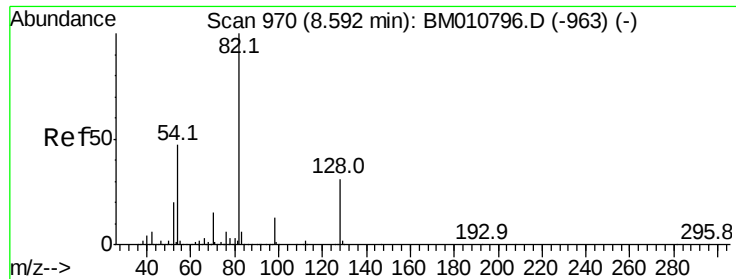
Tot Ion:136 Resp: 1006161
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.8 4.6 6.8
68 6.4 3.7 5.5#



#22
Acetophenone
Concen: 0.005 ng
RT: 8.17 min Scan# 899
Delta R.T. -0.09 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion:105 Resp: 146
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 0.0 21.6 32.4#
120 0.0 16.1 24.1#

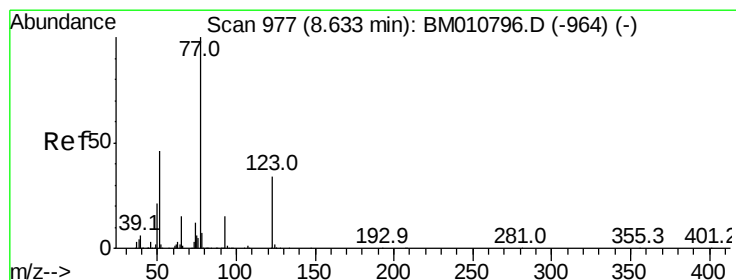
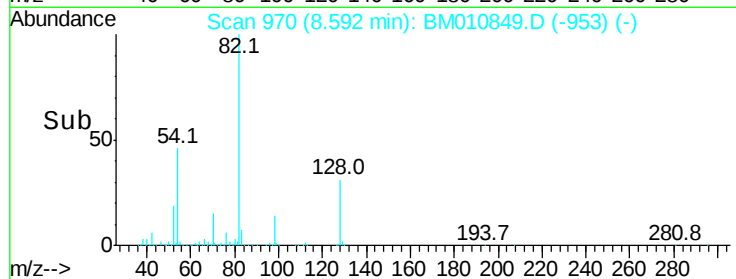
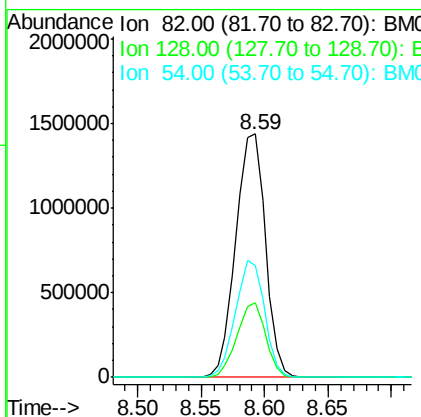
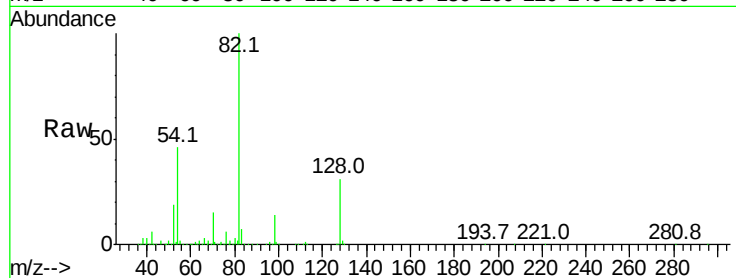




#23
Nitrobenzene-d5
Concen: 89.321 ng
RT: 8.59 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

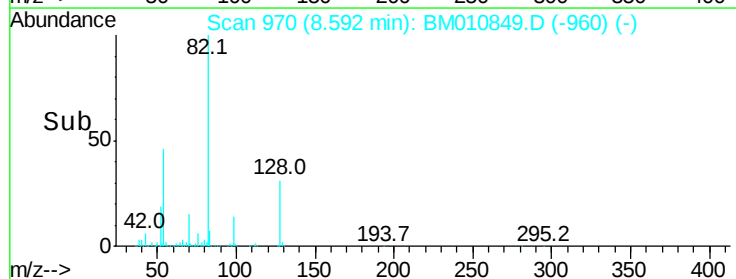
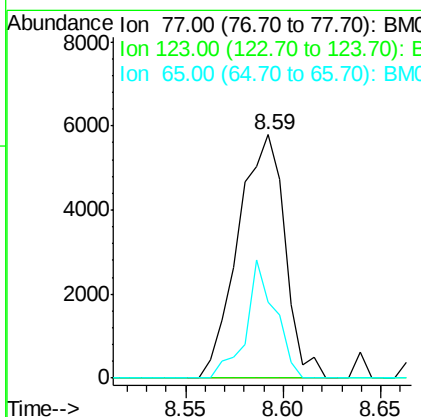
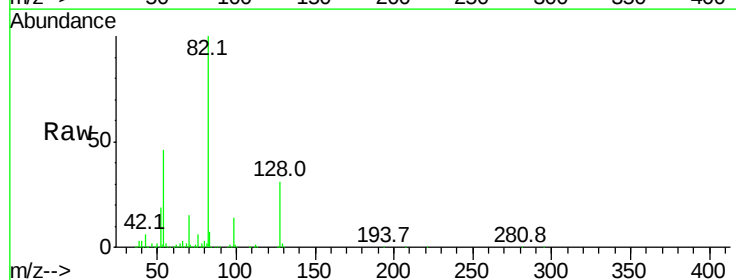
Instrument :
BNA_M
ClientSampleId :
PB100669TB

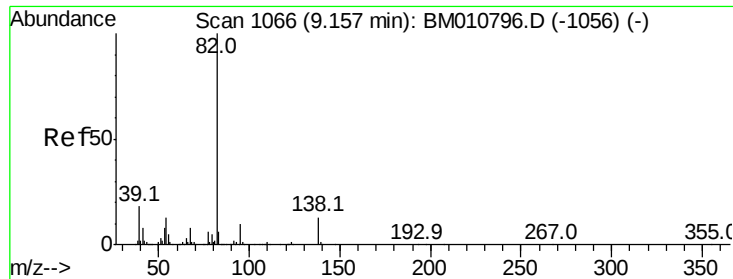
Tot Ion: 82 Resp: 2338100
Ion Ratio Lower Upper
82 100
128 30.5 32.8 49.2#
54 45.7 40.6 60.8



#24
Nitrobenzene
Concen: 0.359 ng
RT: 8.59 min Scan# 970
Delta R.T. -0.04 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion: 77 Resp: 9624
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 31.2 10.9 16.3#





#25

Isophorone

Concen: 0.006 ng

RT: 9.19 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

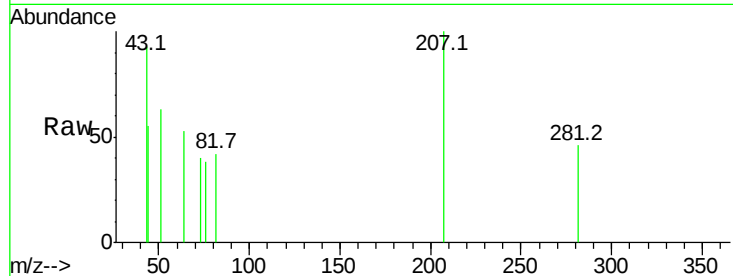
Tot Ion: 82 Resp: 238

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM010796.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM010796.D (-1056) (-)

9.19

300

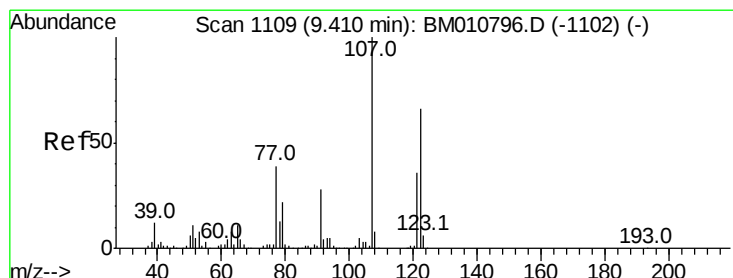
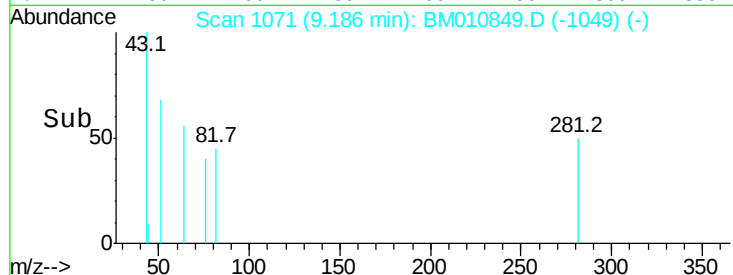
200

100

0

9.16 9.18 9.20

Time-->



#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 9.46 min Scan# 1117

Delta R.T. 0.05 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

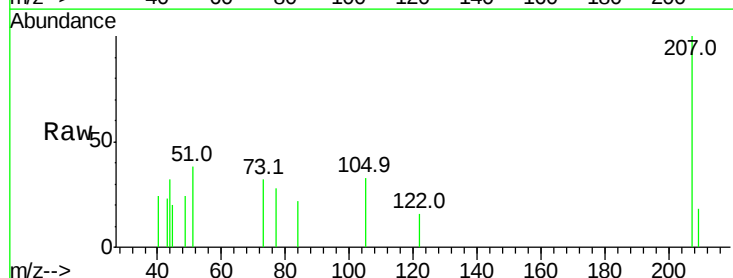
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

107 0.0 84.7 127.1#

121 0.0 46.6 69.8#



Abundance Ion 122.00 (121.70 to 122.70): BM010796.D (-1102) (-)

Ion 107.00 (106.70 to 107.70): BM010796.D (-1102) (-)

Ion 121.00 (120.70 to 121.70): BM010796.D (-1102) (-)

9.46

300

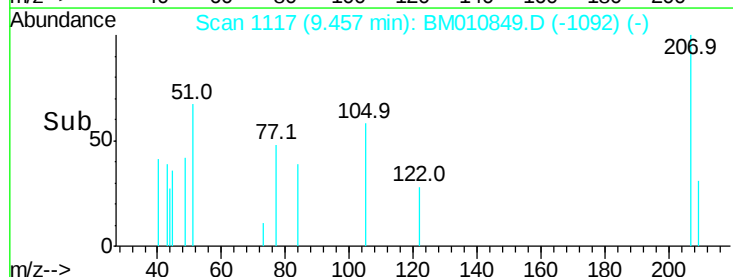
200

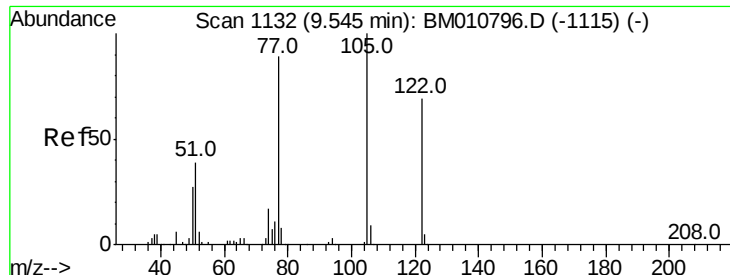
100

0

9.44 9.45 9.46 9.47

Time-->





#32

Benzoic acid

Concen: 0.009 ng

RT: 9.46 min Scan# 1117

Delta R.T. -0.09 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

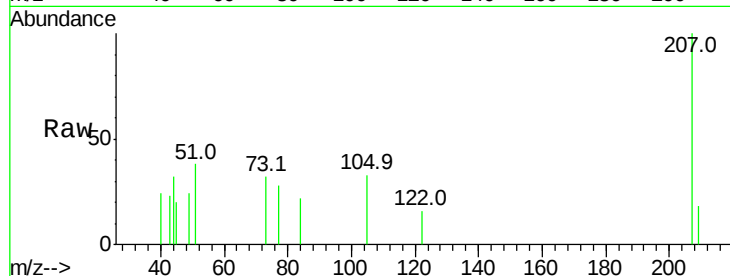
Tot Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 209.0 99.9 139.9#

77 174.9 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

800

600

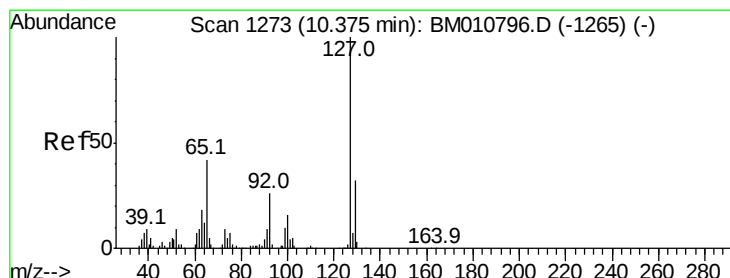
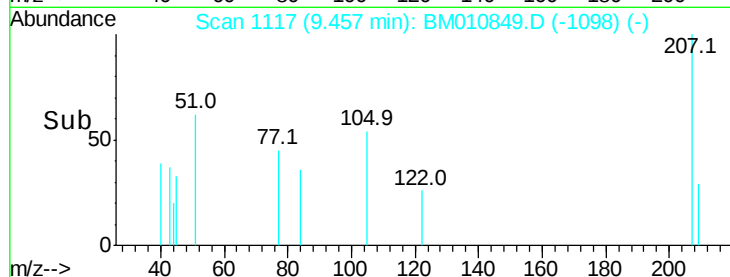
400

200

0

9.44 9.45 9.46 9.47

Time-->



#33

4-Chloroaniline

Concen: 0.014 ng

RT: 10.38 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion:127 Resp: 287

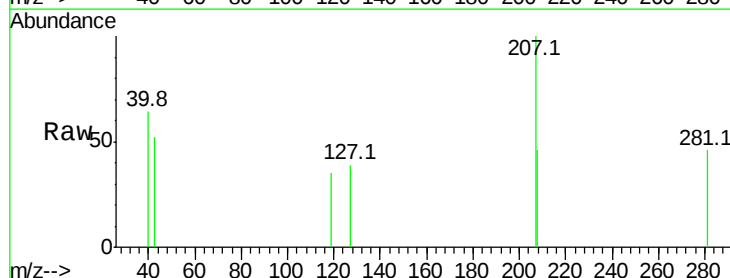
Ion Ratio Lower Upper

127 100

129 0.0 25.3 37.9#

65 0.0 17.6 26.4#

92 0.0 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

600

500

400

300

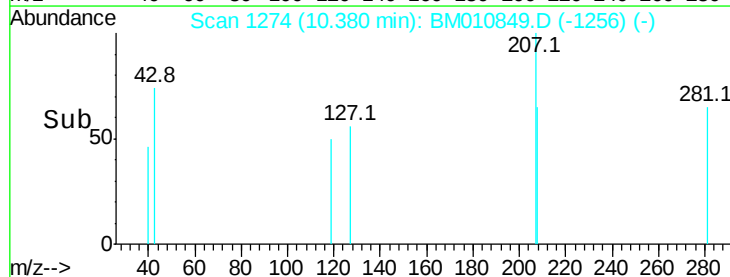
200

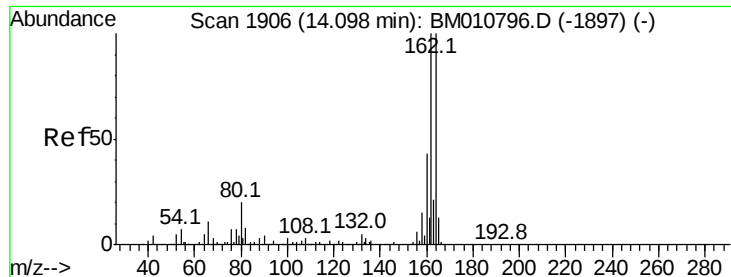
100

0

10.36 10.38 10.40

Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

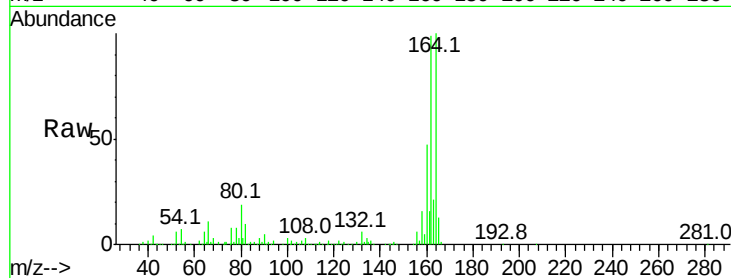
Tot Ion:164 Resp: 619982

Ion Ratio Lower Upper

164 100

162 98.9 82.4 123.6

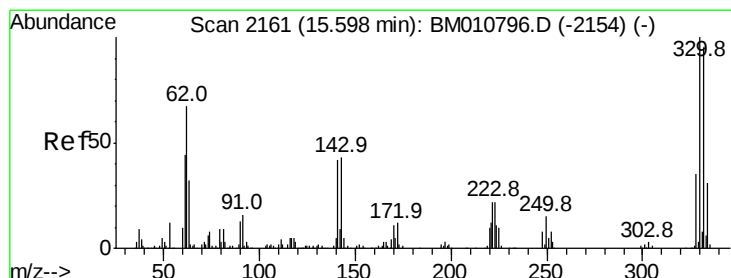
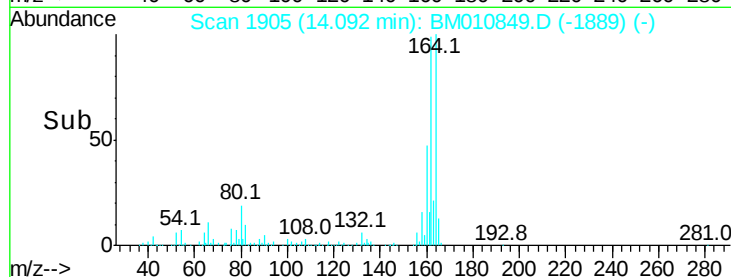
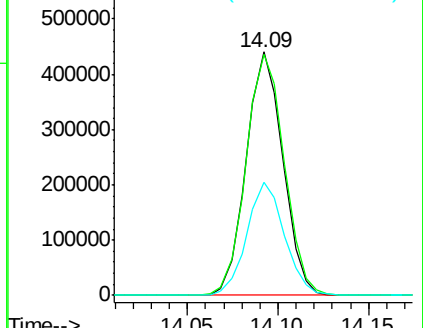
160 46.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.813 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

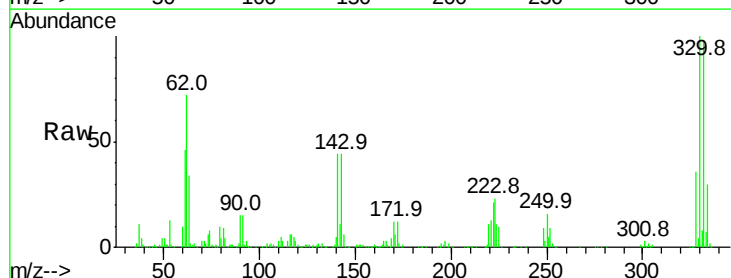
Tgt Ion:330 Resp: 1267808

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

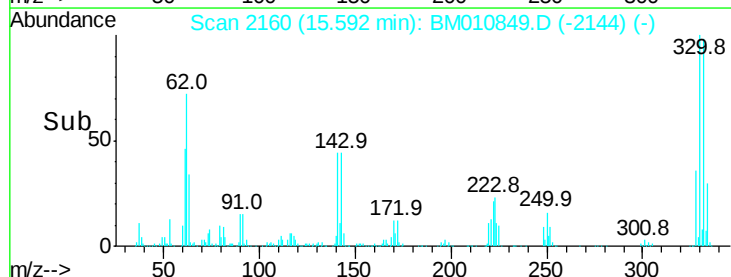
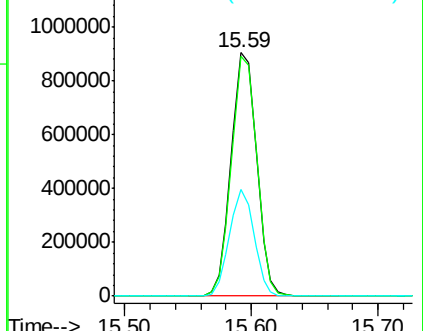
141 42.5 0.0 0.0#

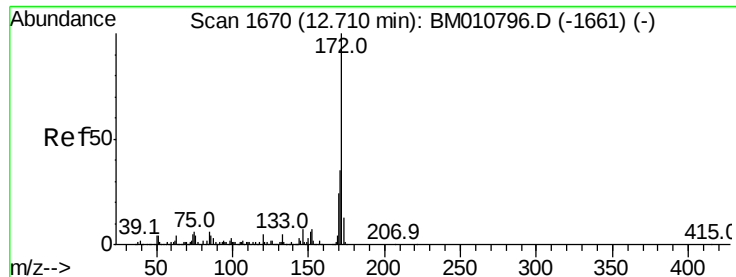


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.876 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

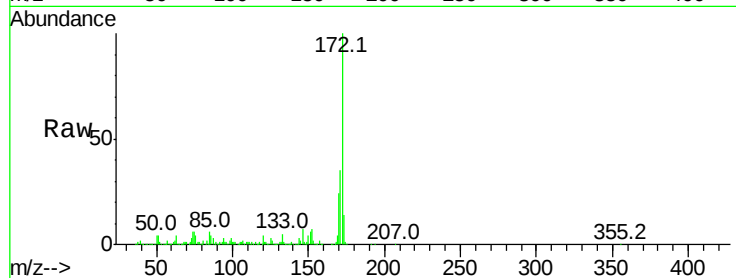
BNA_M

ClientSampleId :

PB100669TB

Tot Ion:172 Resp: 4728319

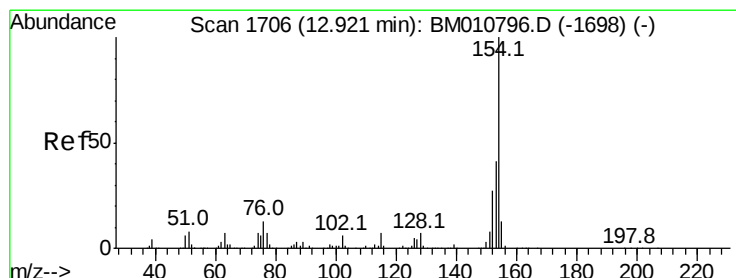
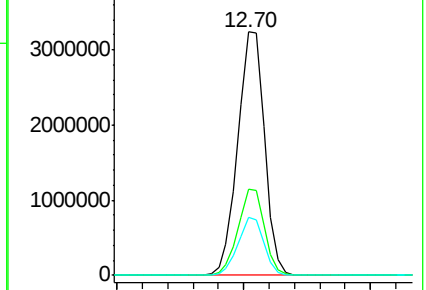
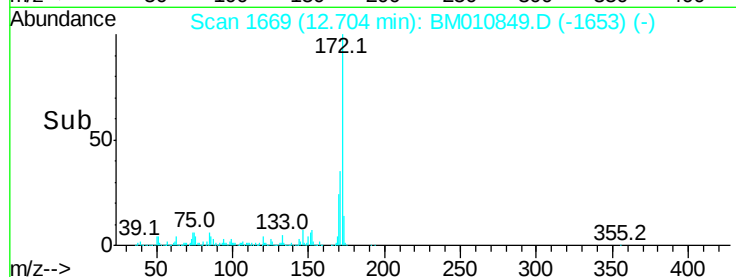
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.7	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.130 ng

RT: 12.91 min Scan# 1704

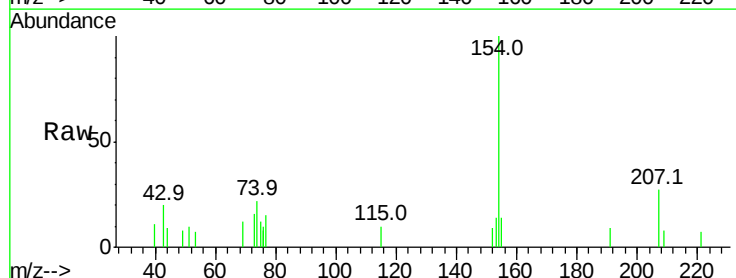
Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion:154 Resp: 7017

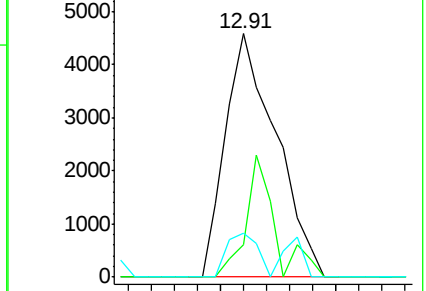
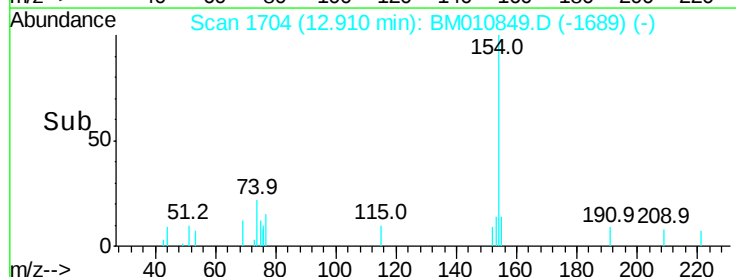
Ion	Ratio	Lower	Upper
154	100		
153	13.5	20.7	60.7#
76	18.1	0.0	30.9

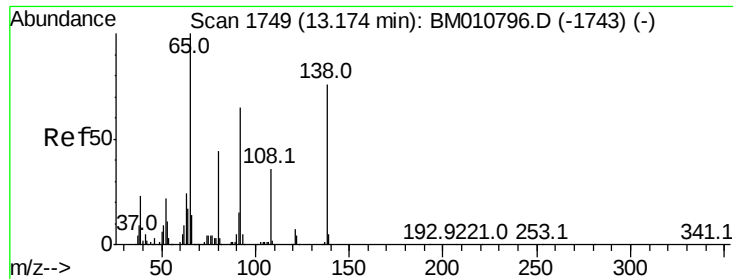


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

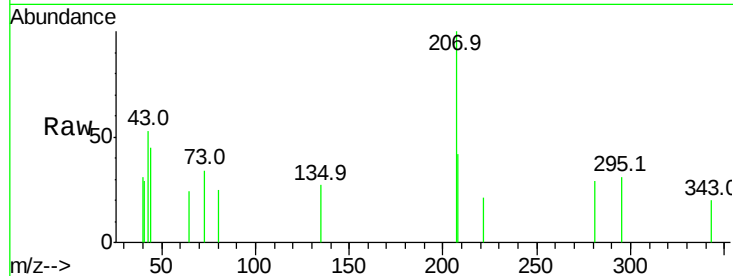




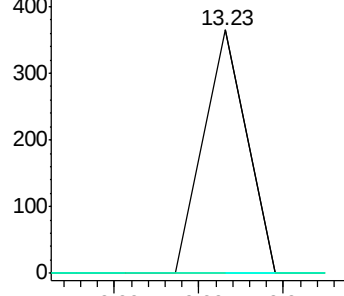
#47
 2-Nitroaniline
 Concen: 0.010 ng
 RT: 13.23 min Scan# 1759
 Delta R.T. 0.06 min
 Lab File: BM010849.D
 Acq: 17 Jul 2017 23:57

Instrument :
 BNA_M
 ClientSampleId :
 PB100669TB

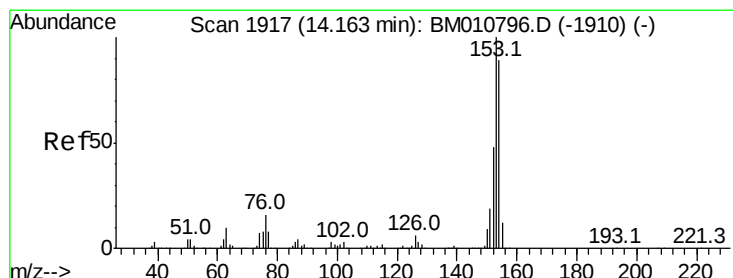
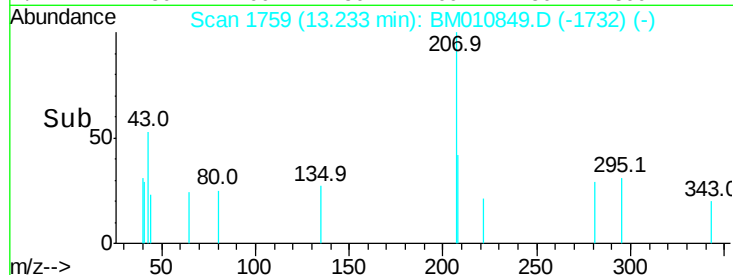
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010796.D (-1743) (-)
 Ion 92.00 (91.70 to 92.70): BM010849.D (-1732) (-)
 Ion 138.00 (137.70 to 138.70): BM010849.D (-1732) (-)

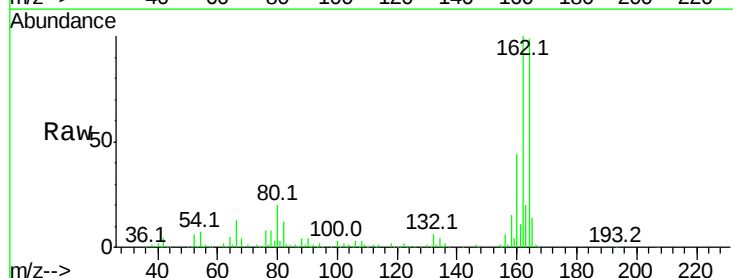


Time-->

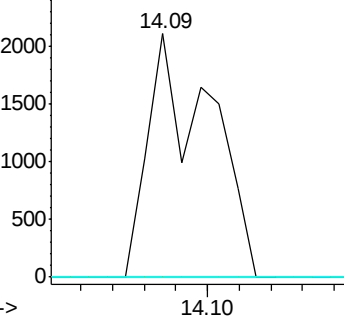


#51
 Acenaphthene
 Concen: 0.079 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.08 min
 Lab File: BM010849.D
 Acq: 17 Jul 2017 23:57

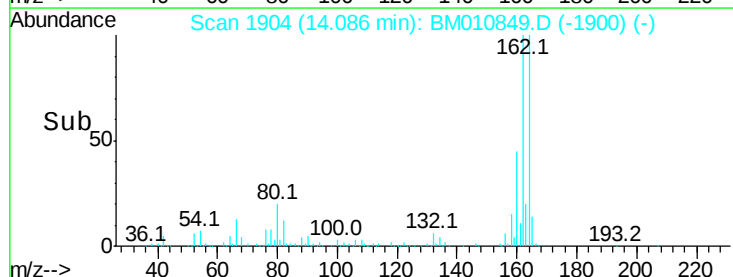
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#

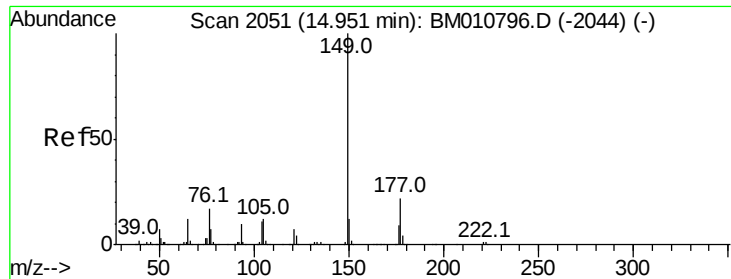


Abundance Ion 154.00 (153.70 to 154.70): BM010796.D (-1910) (-)
 Ion 153.00 (152.70 to 153.70): BM010849.D (-1900) (-)
 Ion 152.00 (151.70 to 152.70): BM010849.D (-1900) (-)



Time-->





#59

Diethylphthalate

Concen: 0.003 ng

RT: 14.93 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

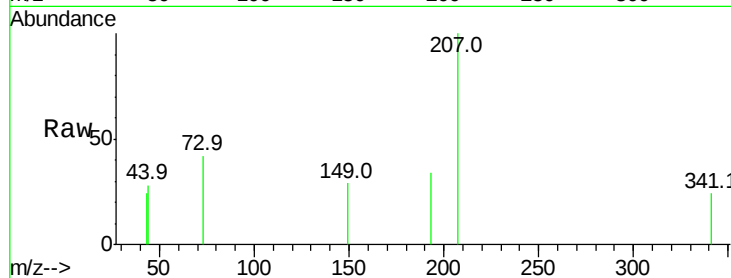
Tot Ion:149 Resp: 137

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

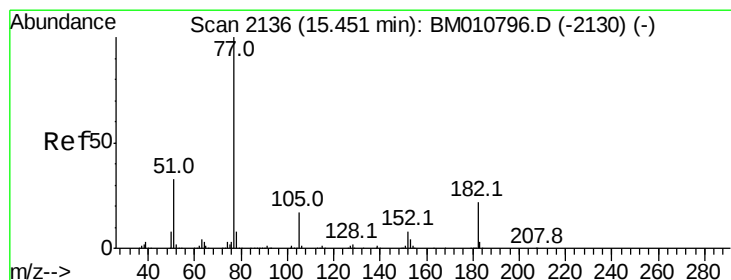
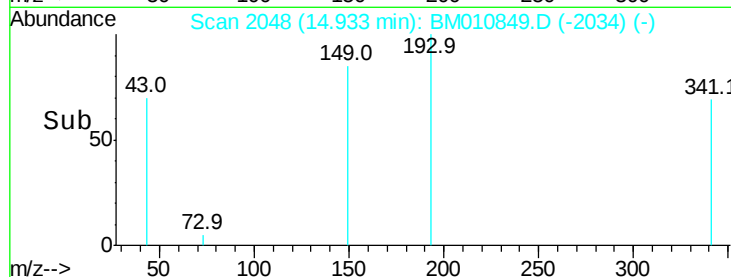
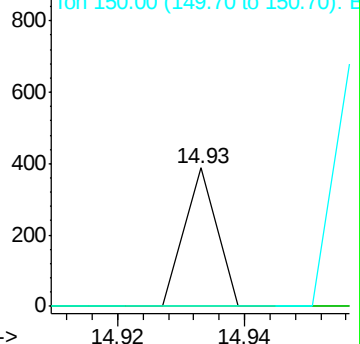
150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.006 ng

RT: 15.41 min Scan# 2129

Delta R.T. -0.04 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion: 77 Resp: 303

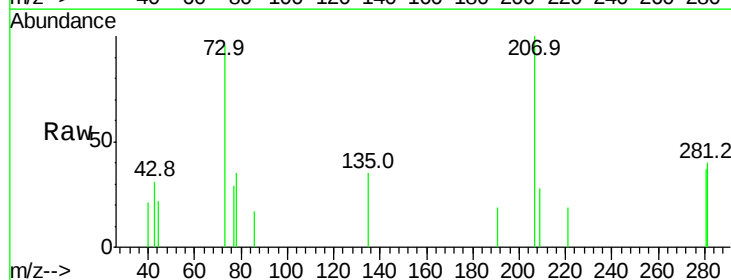
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

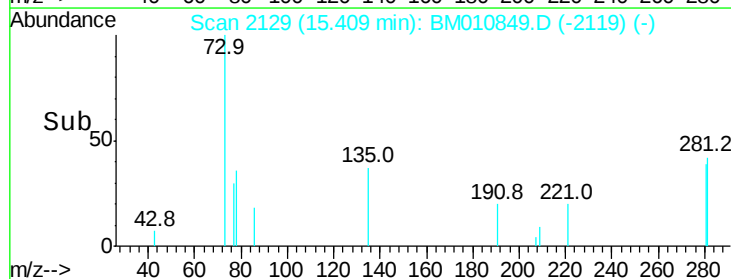
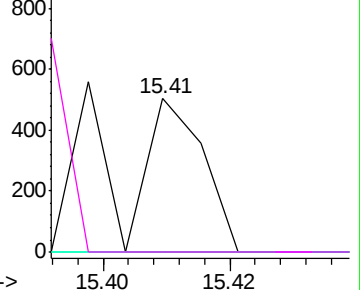


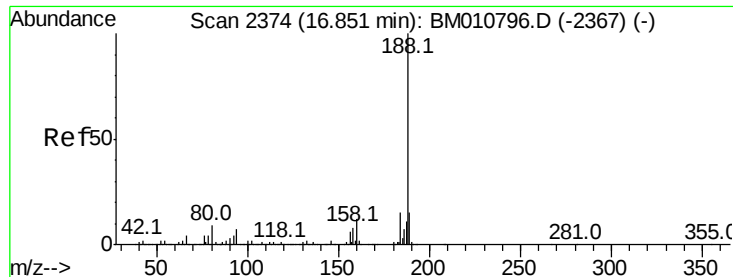
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

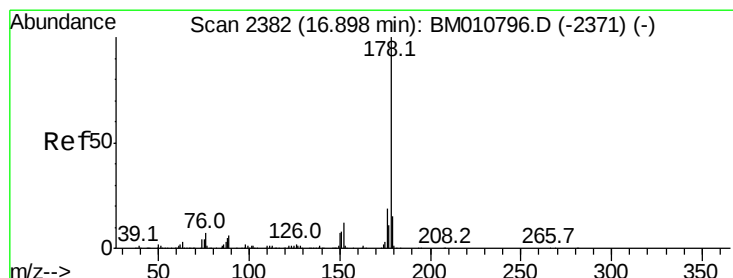
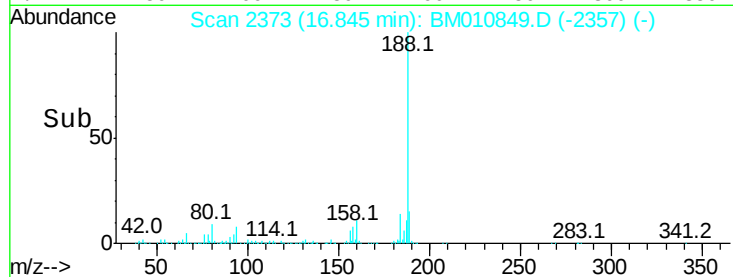
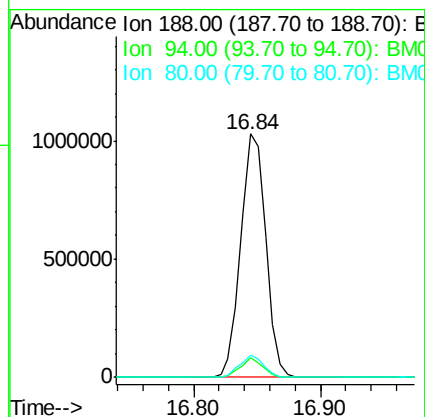
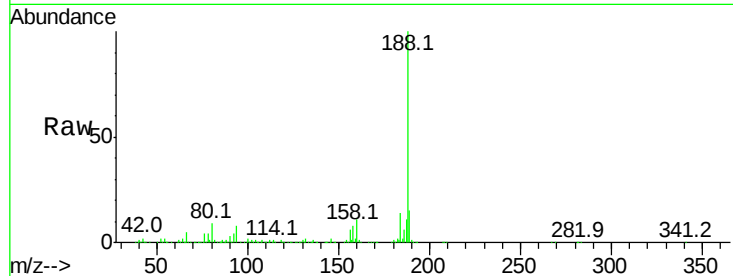




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

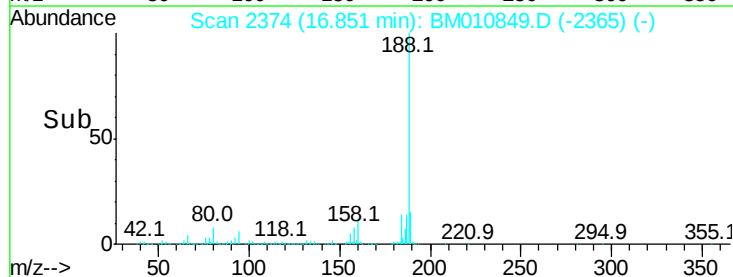
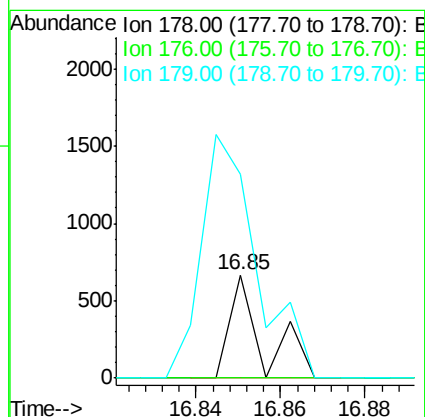
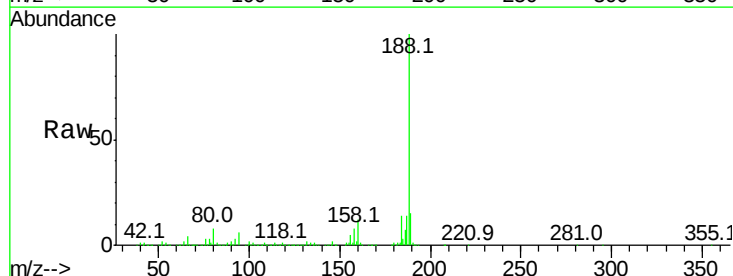
Instrument :
BNA_M
ClientSampleId :
PB100669TB

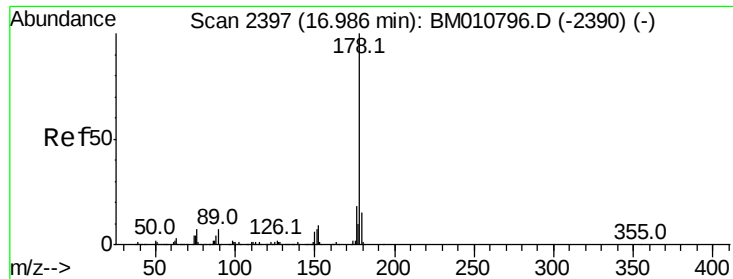
Tot Ion:188 Resp: 1409604
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 8.9 9.3 13.9#



#70
Phenanthrene
Concen: 0.005 ng
RT: 16.85 min Scan# 2374
Delta R.T. -0.05 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion:178 Resp: 365
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 197.2 12.1 18.1#





#71

Anthracene

Concen: 0.004 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

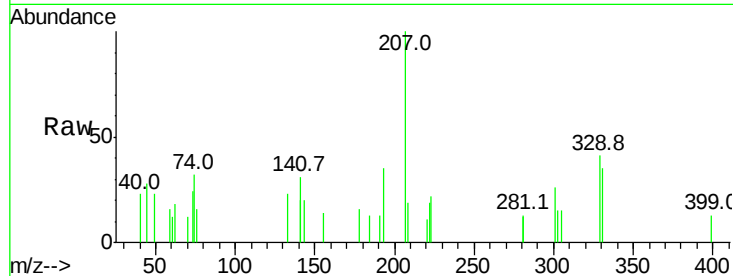
Tot Ion:178 Resp: 270

Ion Ratio Lower Upper

178 100

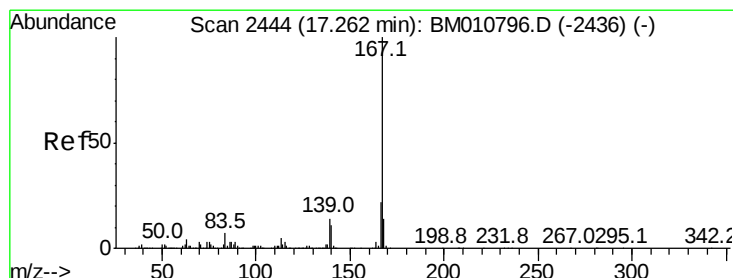
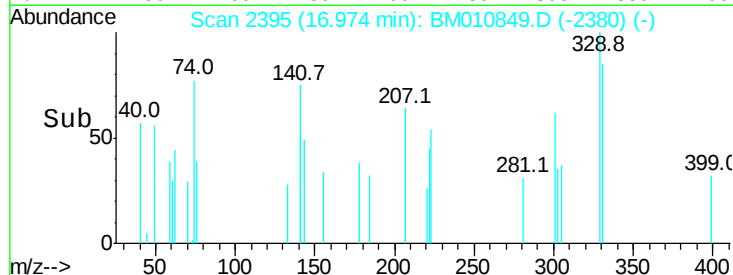
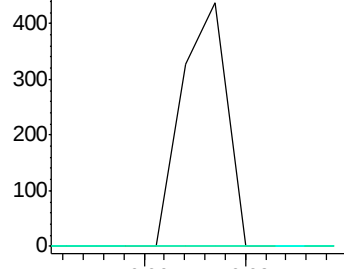
176 0.0 14.6 22.0#

179 0.0 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

16.97



#72

Carbazole

Concen: 0.002 ng

RT: 17.27 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

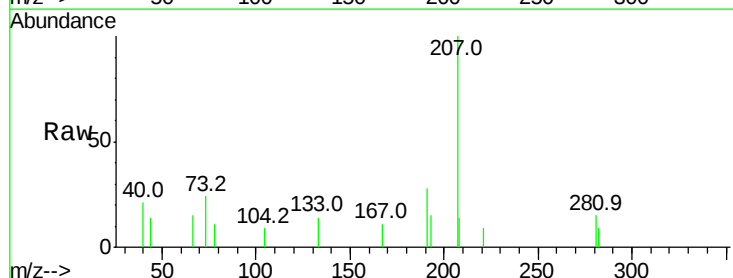
Tgt Ion:167 Resp: 140

Ion Ratio Lower Upper

167 100

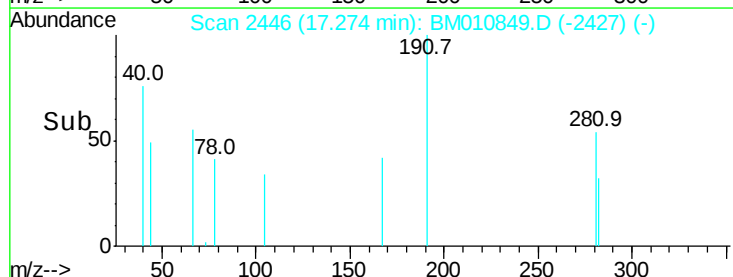
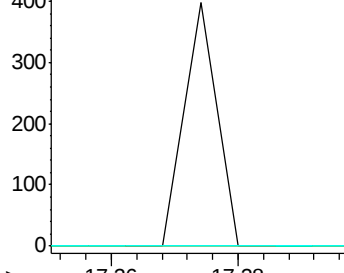
166 0.0 17.2 25.8#

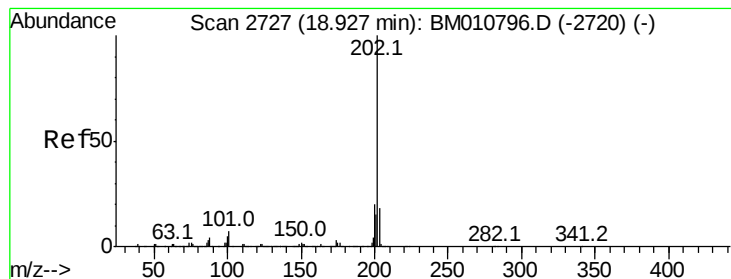
139 0.0 10.8 16.2#



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

17.27





#74

Fluoranthene

Concen: 0.001 ng

RT: 18.92 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

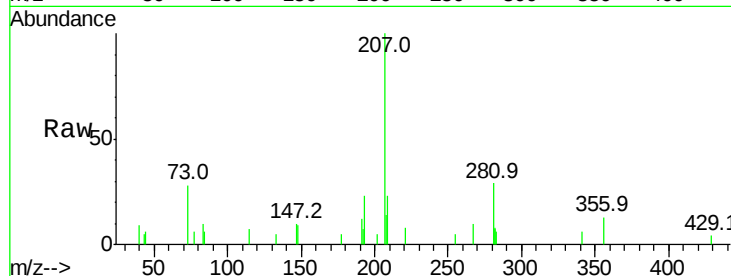
Tot Ion:202 Resp: 124

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.7

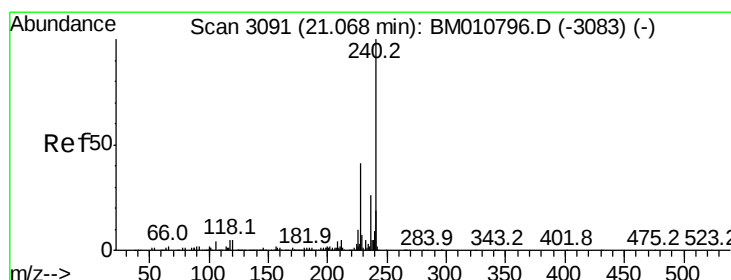
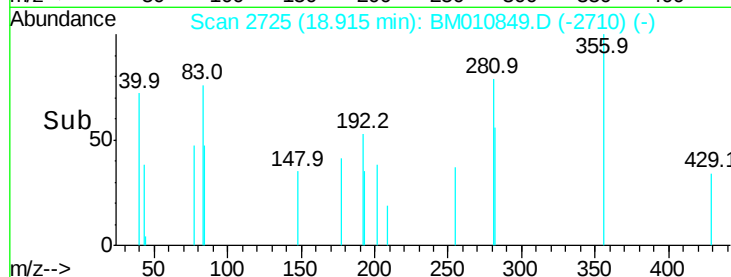
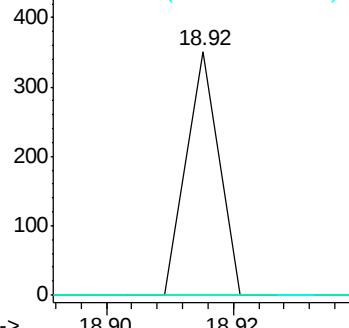
203 0.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

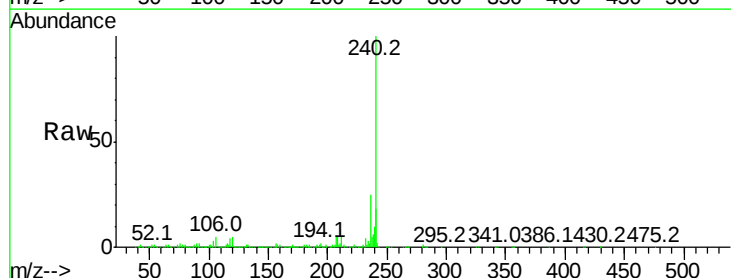
Tgt Ion:240 Resp: 1247814

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

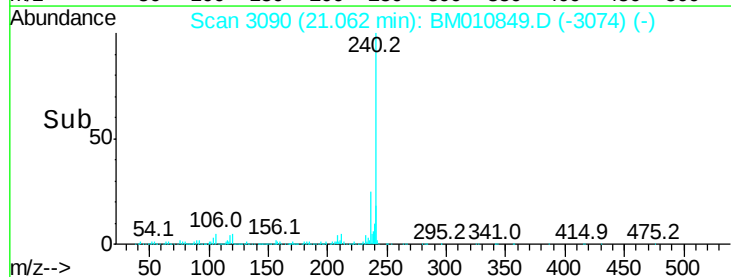
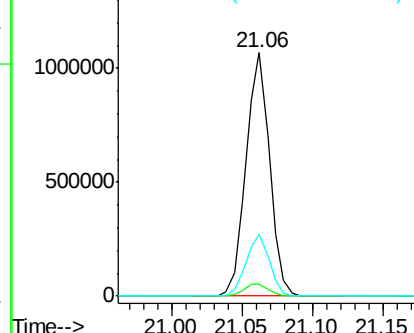
236 25.2 20.0 30.0

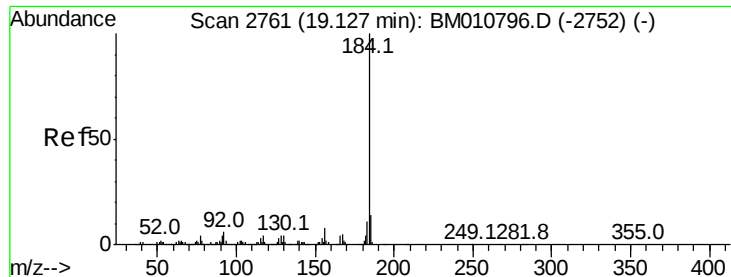


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.199 ng

RT: 19.13 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

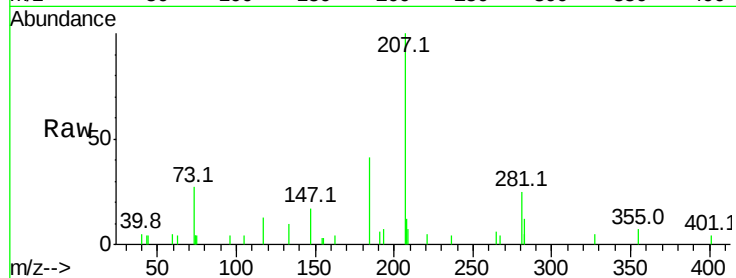
Tot Ion:184 Resp: 6637

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

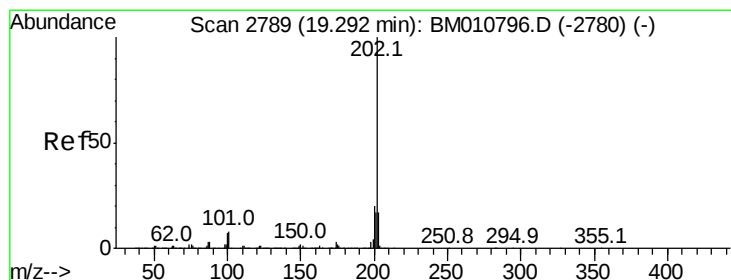
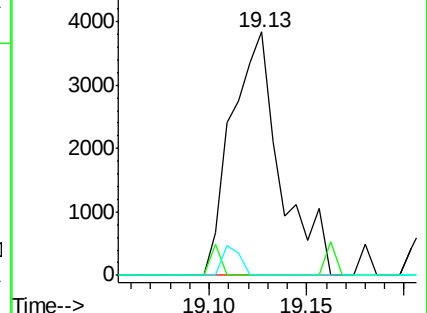
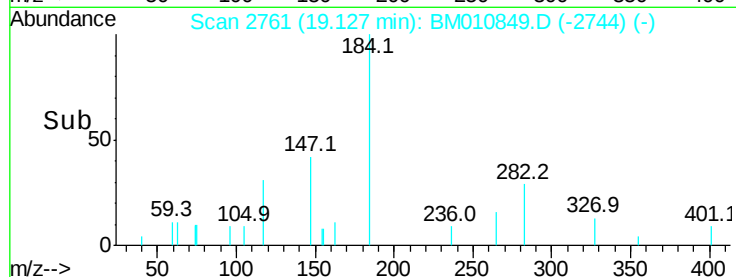
183 0.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.007 ng

RT: 19.28 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

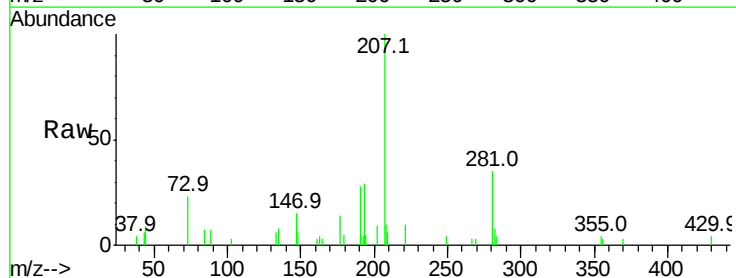
Tgt Ion:202 Resp: 486

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

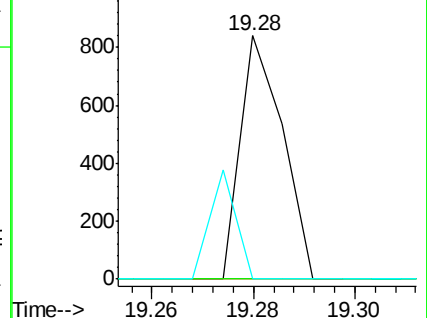
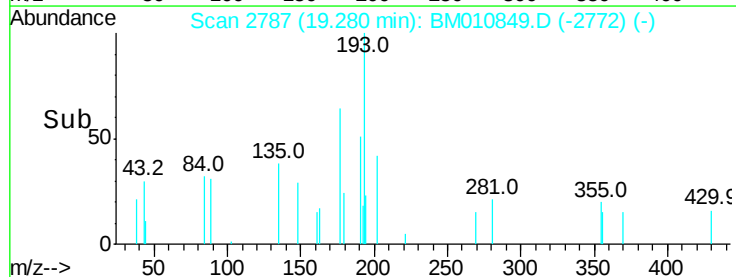
203 0.0 14.1 21.1#

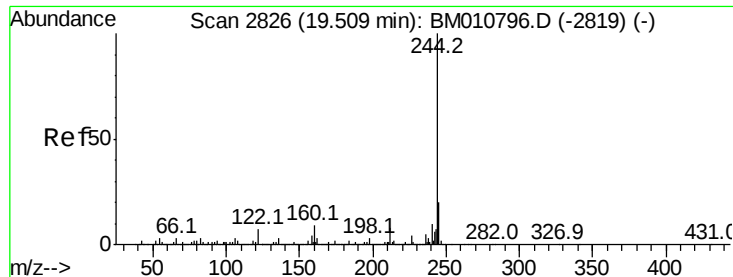


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.984 ng

RT: 19.51 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

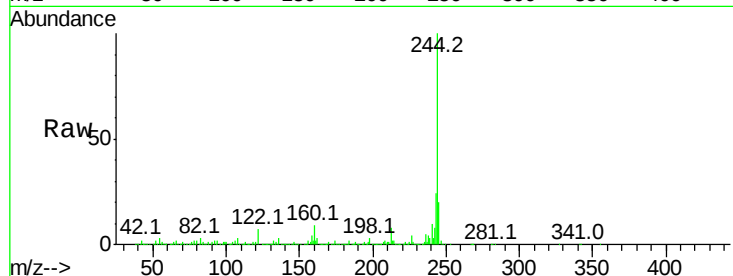
Tot Ion:244 Resp: 5676420

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

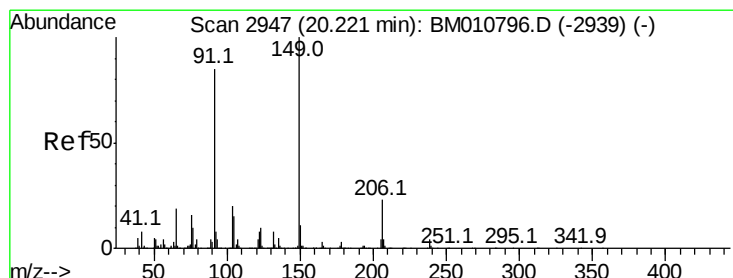
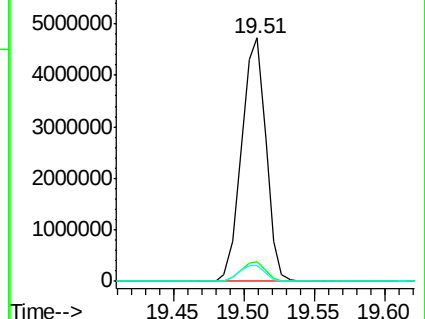
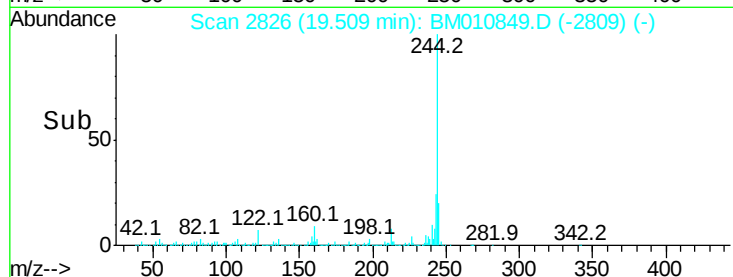
122 6.7 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.029 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

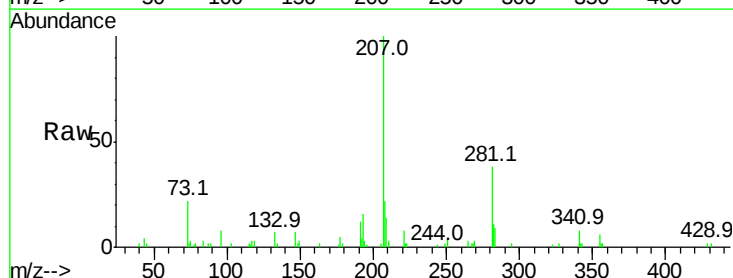
Tgt Ion:149 Resp: 744

Ion Ratio Lower Upper

149 100

91 0.0 50.1 75.1#

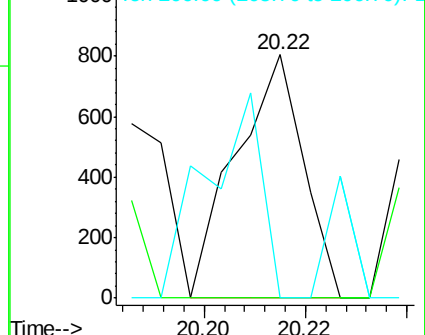
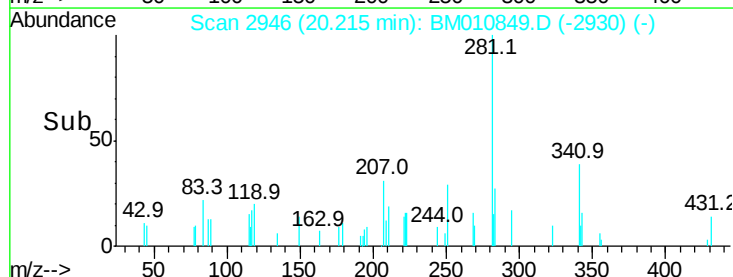
206 0.0 16.2 24.2#

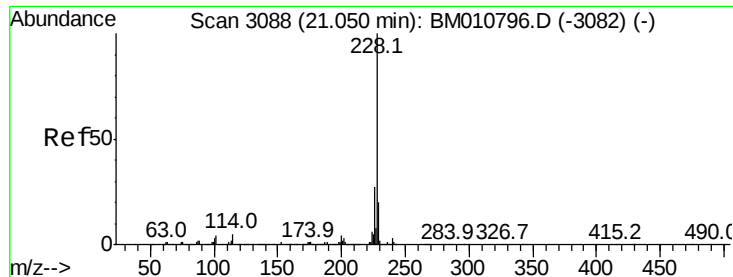


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.06 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

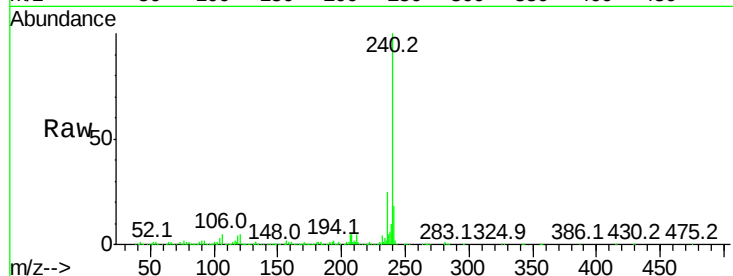
Tot Ion:228 Resp: 4387

Ion Ratio Lower Upper

228 100

226 9.8 21.7 32.5#

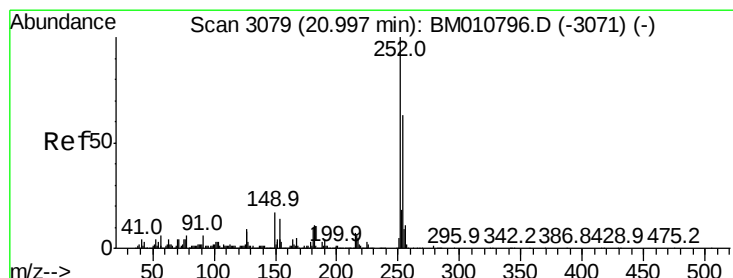
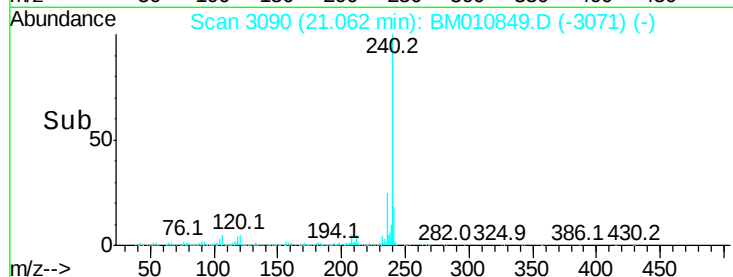
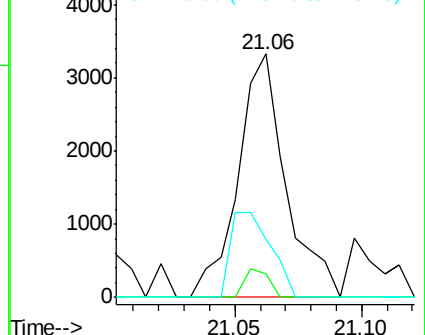
229 23.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.050 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

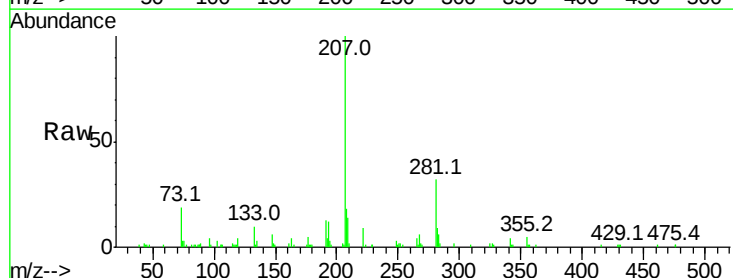
Tgt Ion:252 Resp: 1432

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

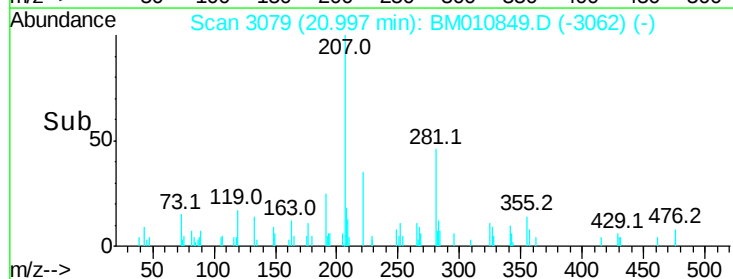
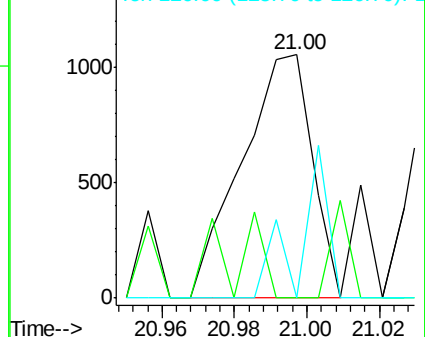
126 0.0 9.8 14.8#

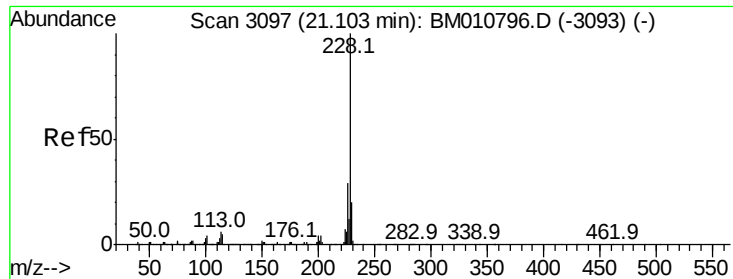


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.011 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampled :

PB100669TB

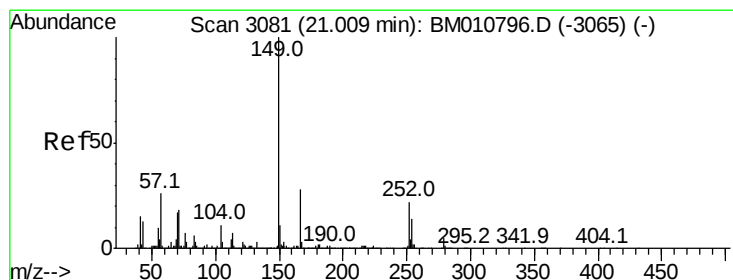
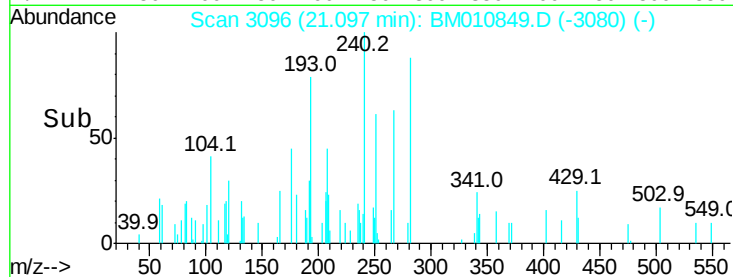
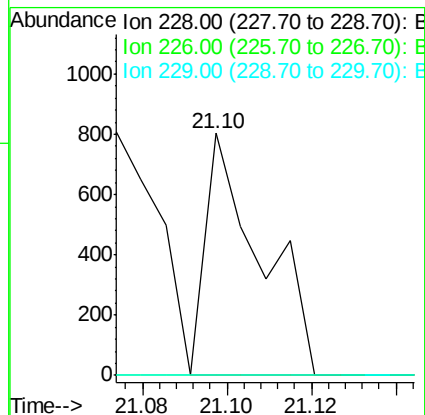
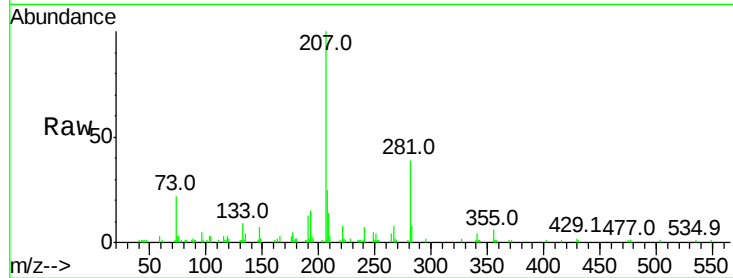
Tot Ion:228 Resp: 729

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 0.0 15.5 23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

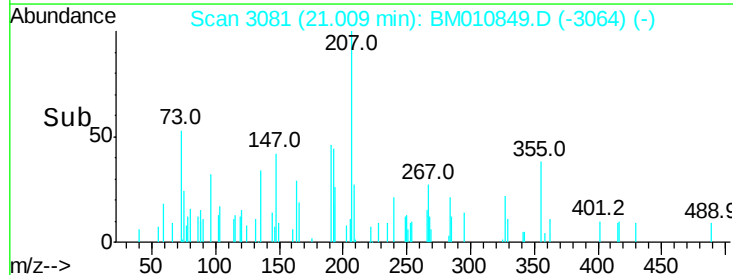
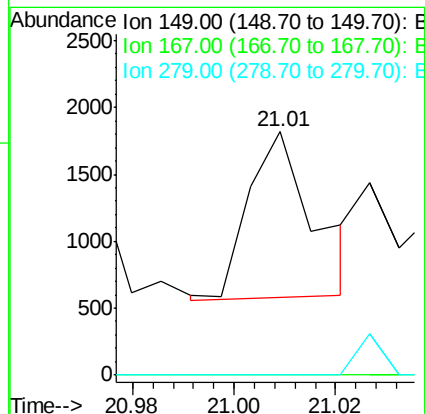
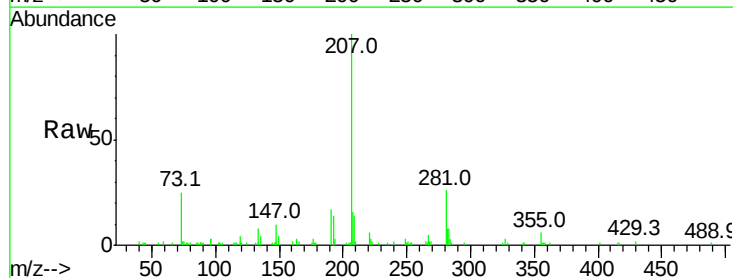
Tgt Ion:149 Resp: 1105

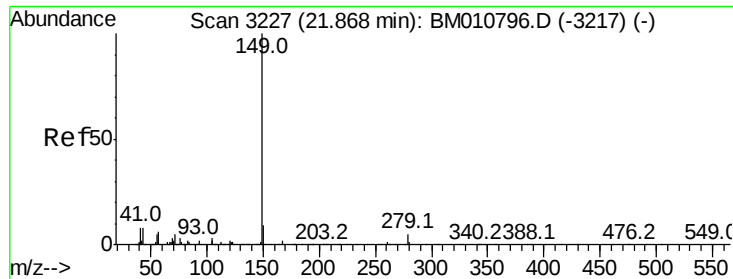
Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

279 0.0 3.4 5.0#





#84

Di-n-octyl phthalate

Concen: 0.026 ng

RT: 21.84 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

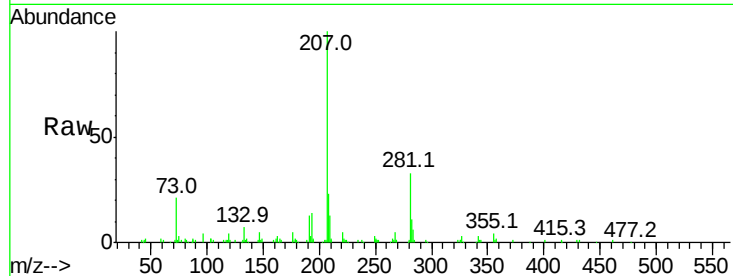
Tot Ion:149 Resp: 1546

Ion Ratio Lower Upper

149 100

167 17.7 1.2 1.8#

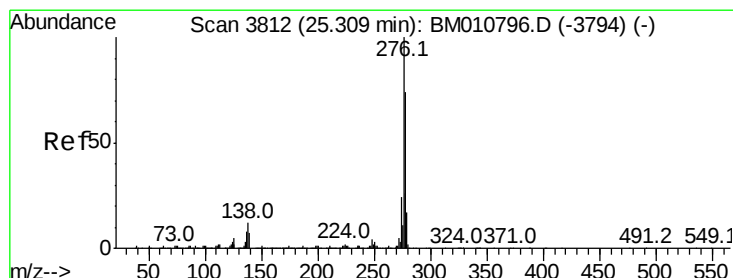
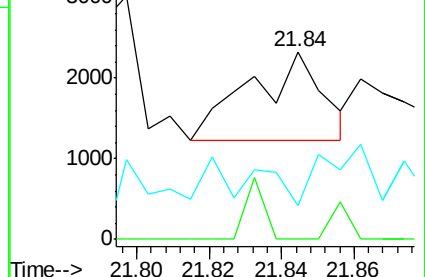
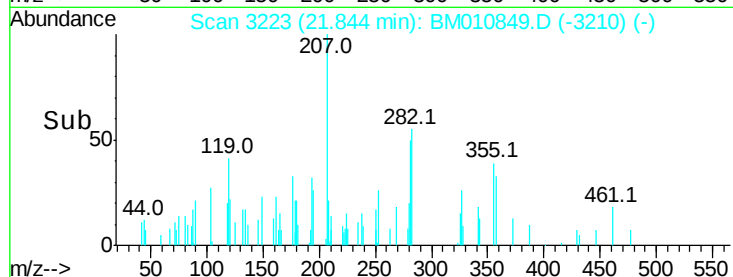
43 0.0 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 25.31 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

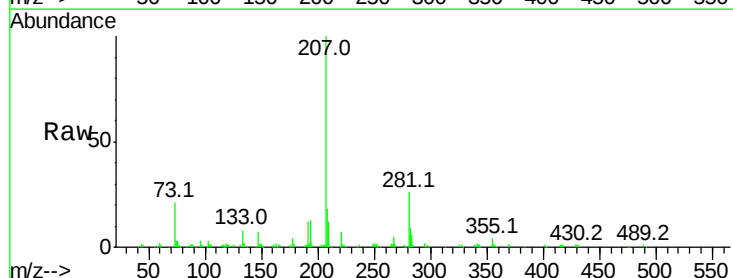
Tgt Ion:276 Resp: 424

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

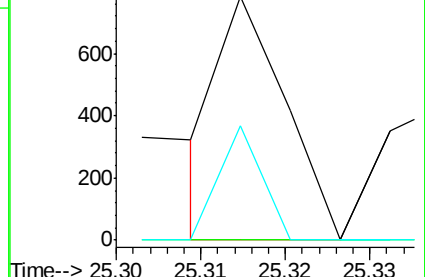
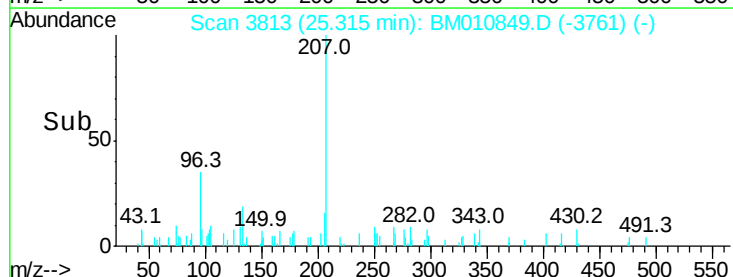
277 30.7 0.0 0.0#

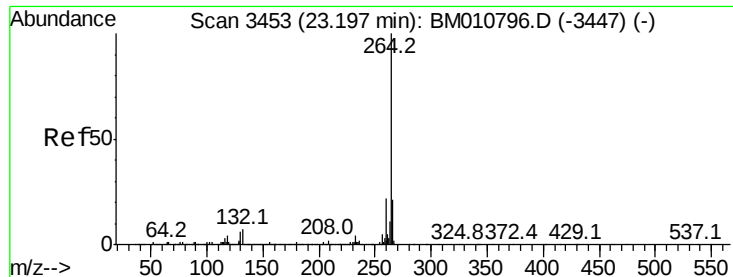


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



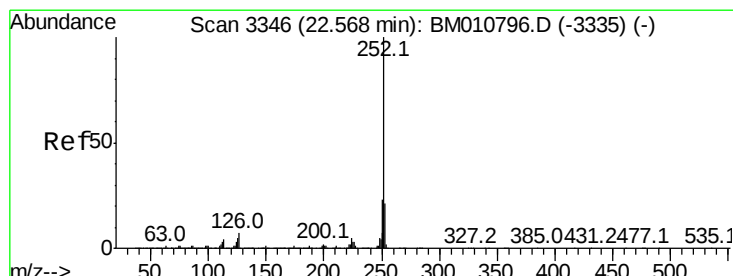
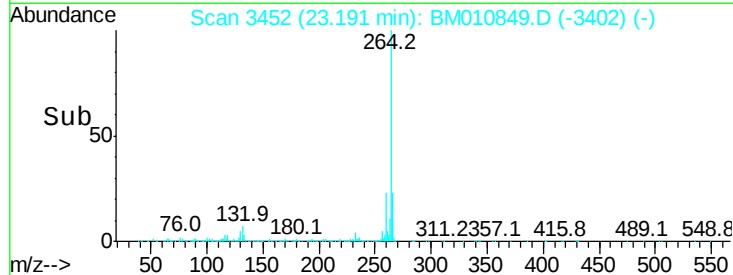
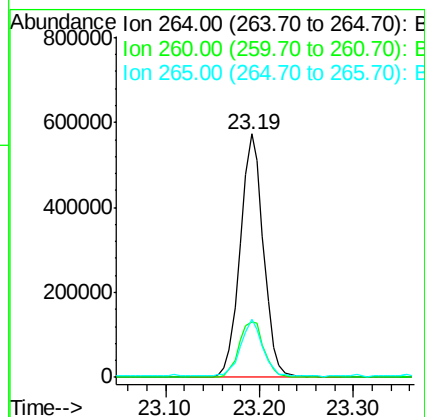
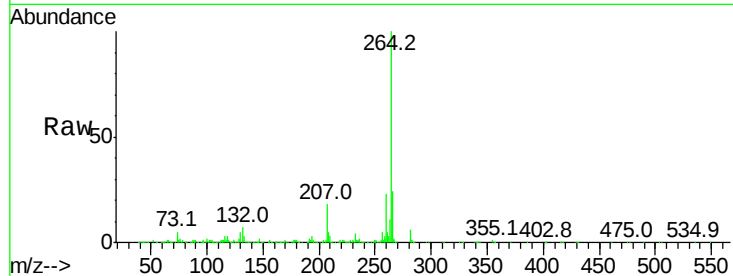


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Instrument :
BNA_M
ClientSampleId :
PB100669TB

Tot Ion:264 Resp: 980361

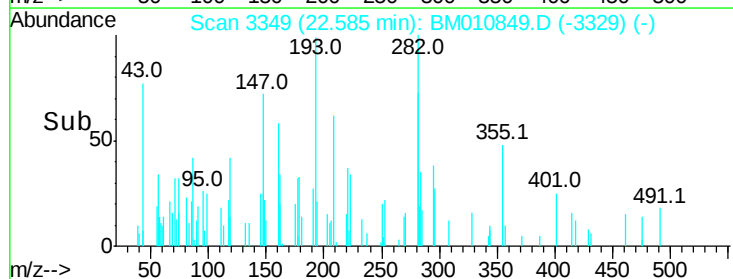
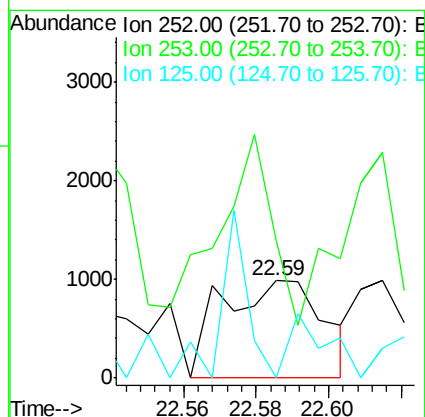
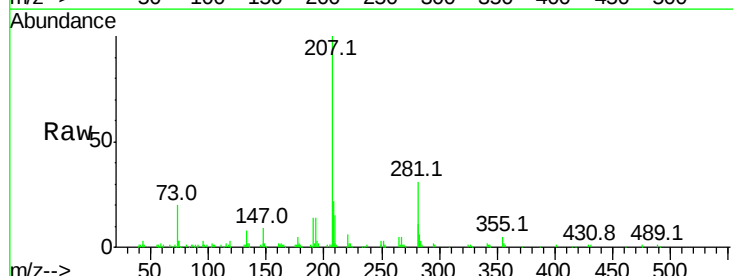
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	23.8	17.3	25.9

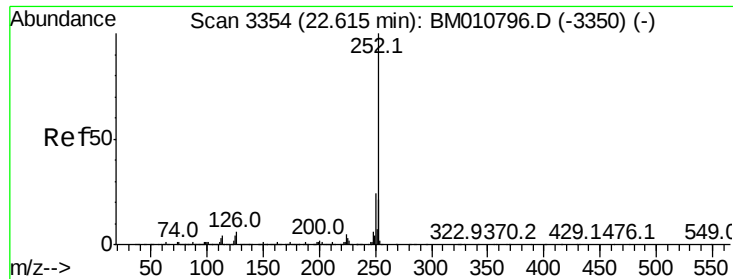


#87
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.59 min Scan# 3349
Delta R.T. 0.02 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion:252 Resp: 1919

Ion	Ratio	Lower	Upper
252	100		
253	141.0	18.0	27.0#
125	0.0	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 22.61 min Scan# 3354

Delta R.T. -0.00 min

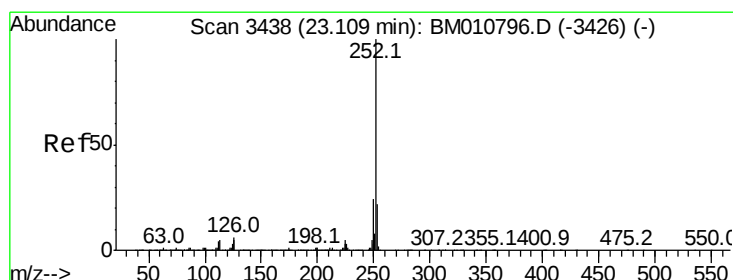
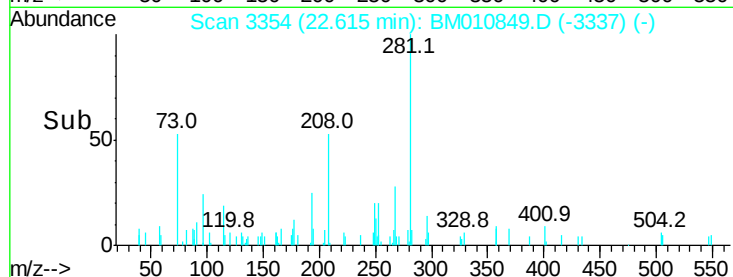
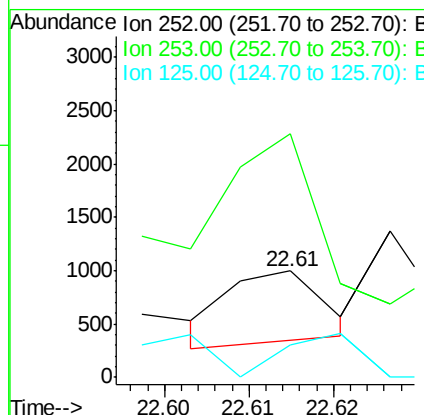
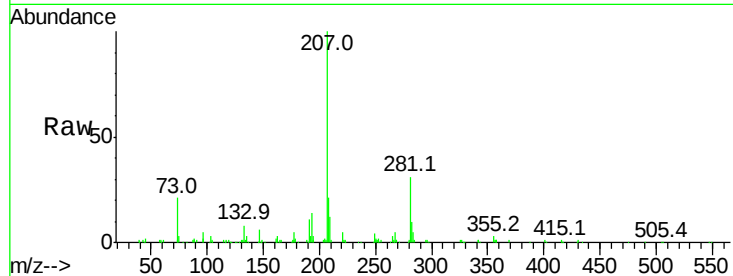
Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :
BNA_M
ClientSampleId :
PB100669TB

Tot Ion:252 Resp: 518

Ion	Ratio	Lower	Upper
252	100		
253	229.1	17.2	25.8#
125	30.4	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.10 min Scan# 3436

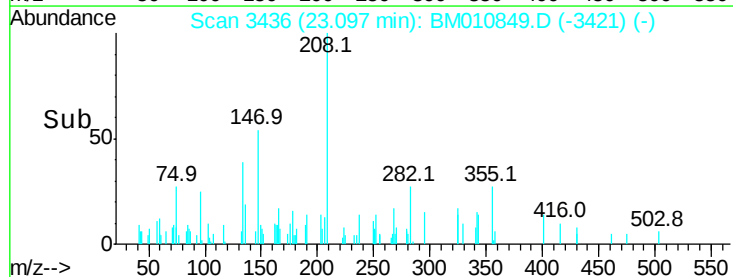
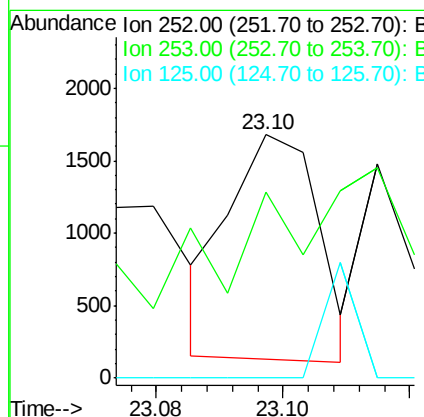
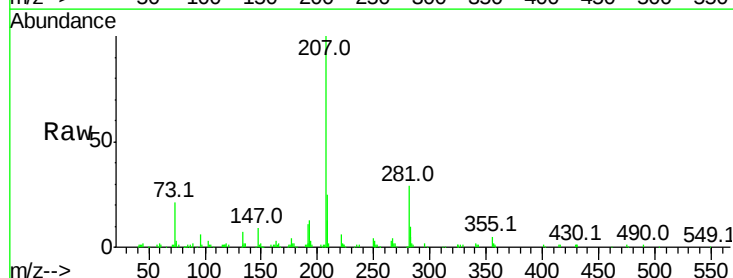
Delta R.T. -0.01 min

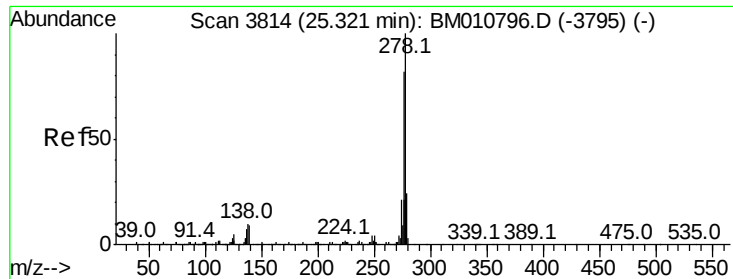
Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion:252 Resp: 1508

Ion	Ratio	Lower	Upper
252	100		
253	76.3	17.6	26.4#
125	0.0	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 25.33 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

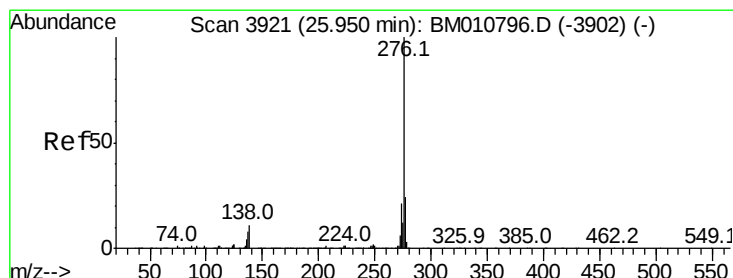
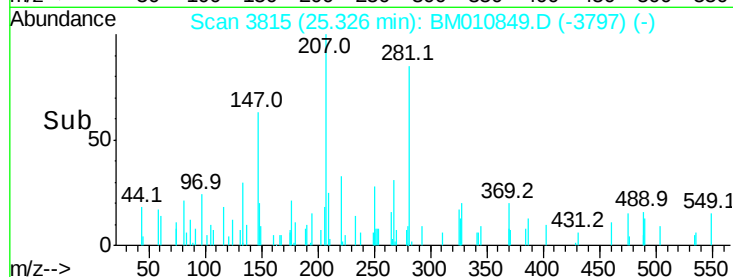
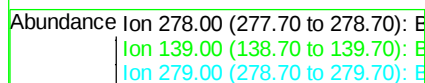
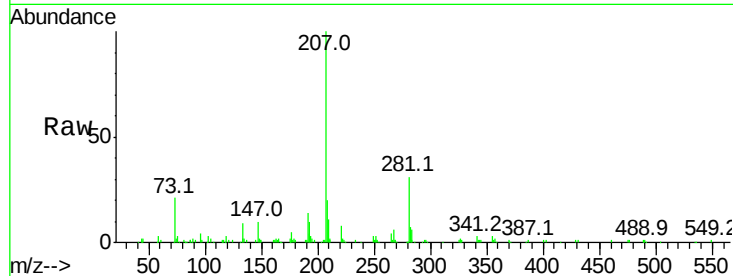
BNA_M

ClientSampleId :

PB100669TB

Tot Ion:278 Resp: 275

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	206.0	19.0	28.4#



#91

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 25.92 min Scan# 3916

Delta R.T. -0.03 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion:276 Resp: 367

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	0.0	19.0	28.6#

