

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010063.D
 Acq On : 16 May 2017 21:03
 Operator : SJ/MA
 Sample : I3171-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WS-5

Quant Time: May 17 04:41:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

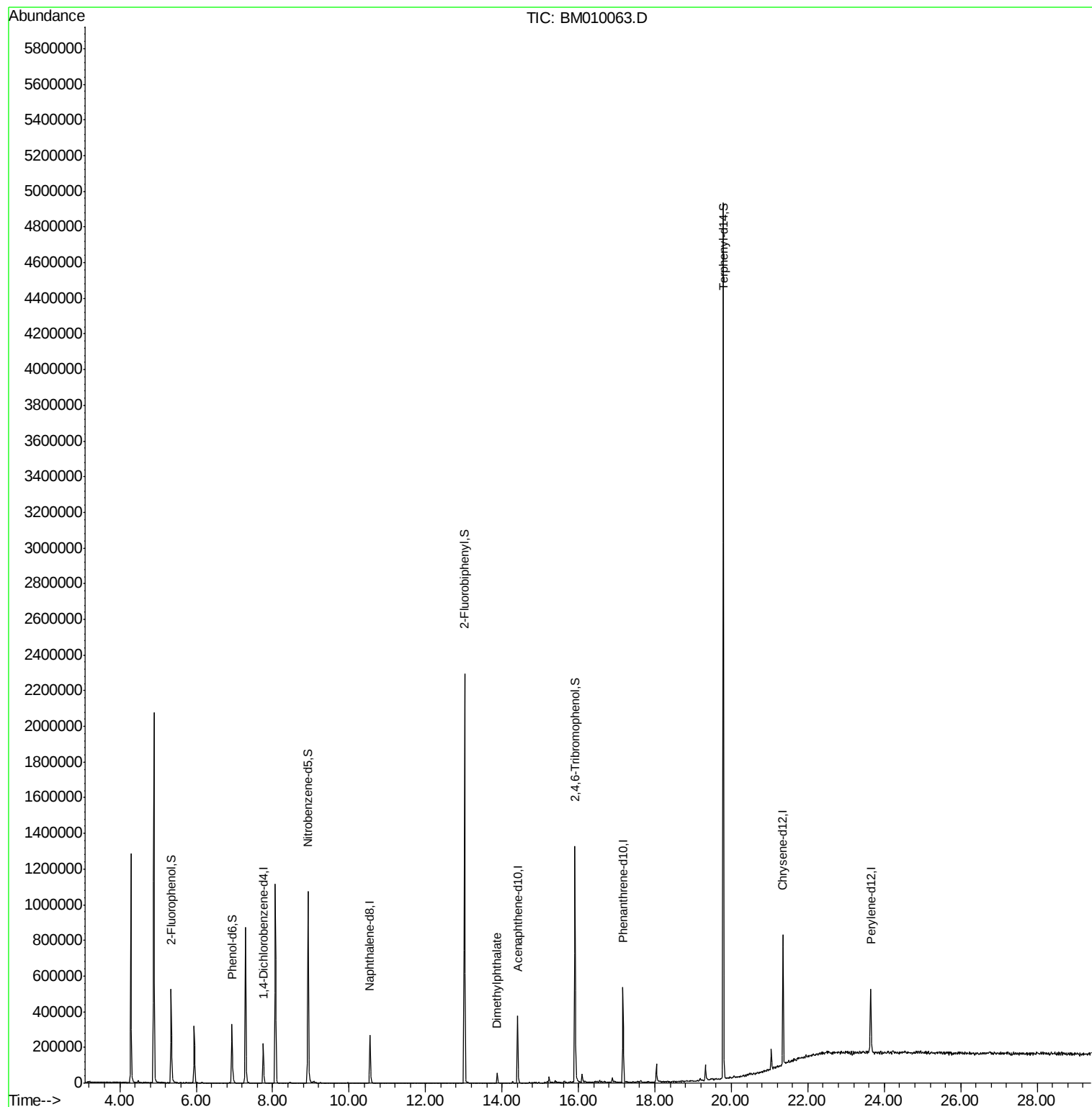
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	41760	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	171975	20.00	ng	-0.04
38) Acenaphthene-d10	14.40	164	103970	20.00	ng	-0.04
63) Phenanthrene-d10	17.16	188	259257	20.00	ng	-0.04
75) Chrysene-d12	21.35	240	318980	20.00	ng	-0.04
86) Perylene-d12	23.64	264	250730	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	151895	56.92	ng	-0.02
7) Phenol-d6	6.93	99	140824	32.93	ng	-0.04
23) Nitrobenzene-d5	8.93	82	564279	119.91	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	149705	105.21	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	894619	115.07	ng	-0.03
78) Terphenyl-d14	19.79	244	1663651	109.92	ng	-0.03
Target Compounds						
49) Dimethylphthalate	13.88	163	30101	3.28	ng	Qvalue # 95

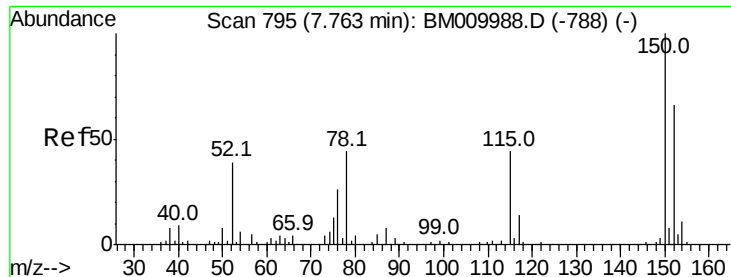
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 793

Delta R.T. -0.03 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Instrument :

BNA_M

ClientSampleId :

WS-5

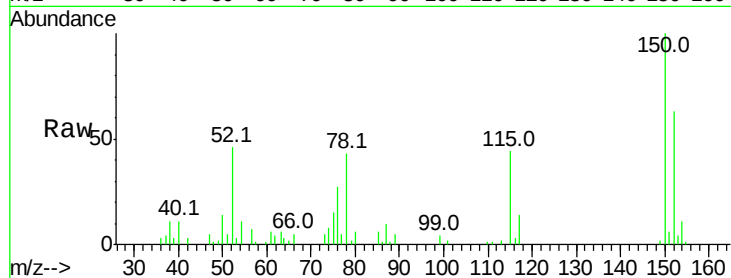
Tot Ion:152 Resp: 41760

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

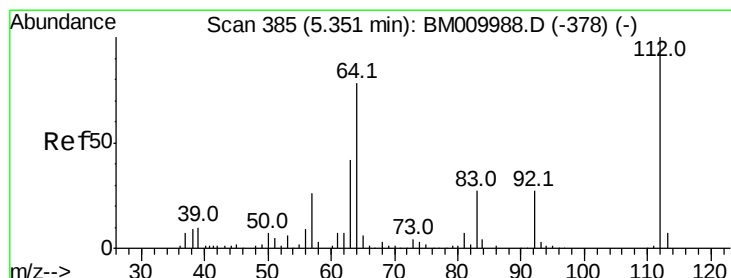
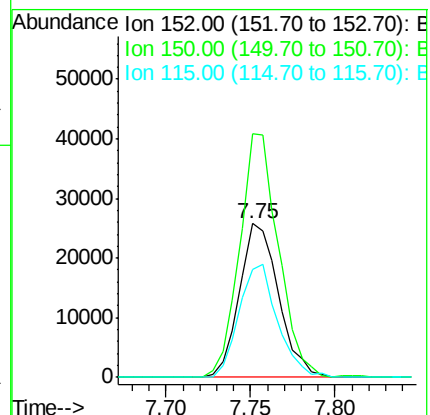
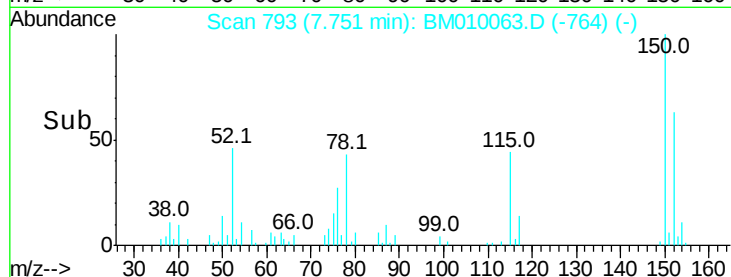
115 70.4 43.0 64.4#



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



#5

2-Fluorophenol

Concen: 56.92 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

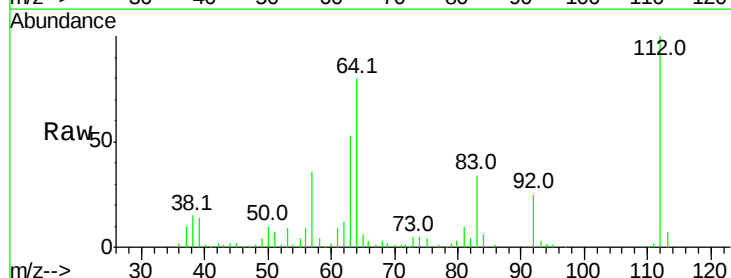
Tgt Ion:112 Resp: 151895

Ion Ratio Lower Upper

112 100

64 79.5 38.6 57.8#

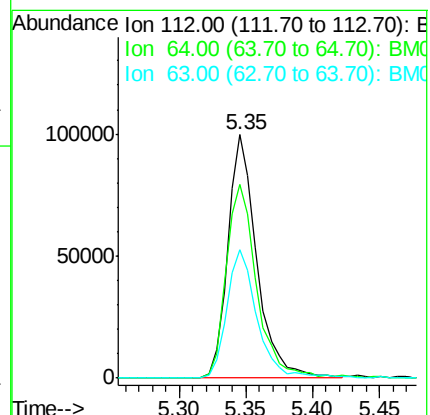
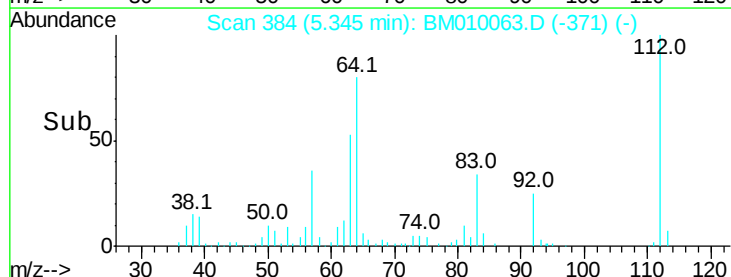
63 52.9 19.3 28.9#

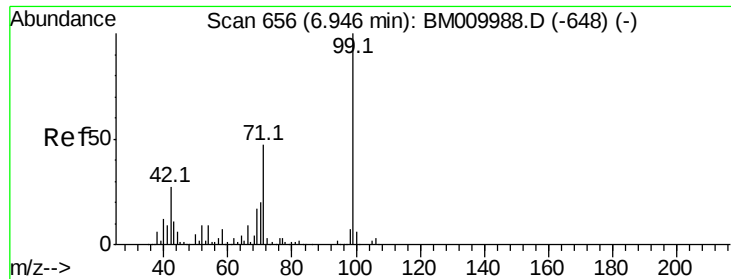


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 32.93 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Instrument :

BNA_M

ClientSampleId :

WS-5

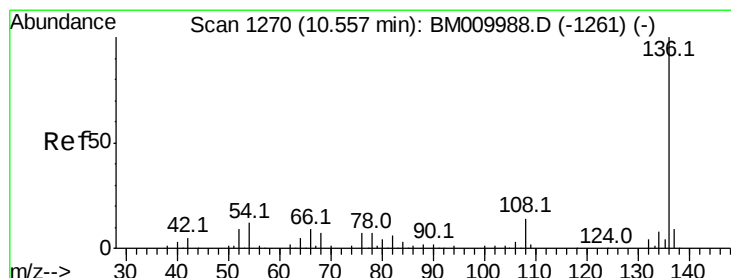
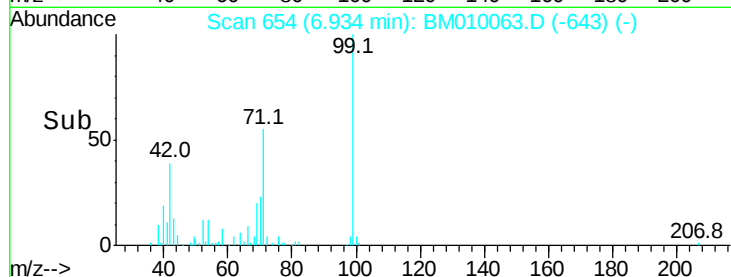
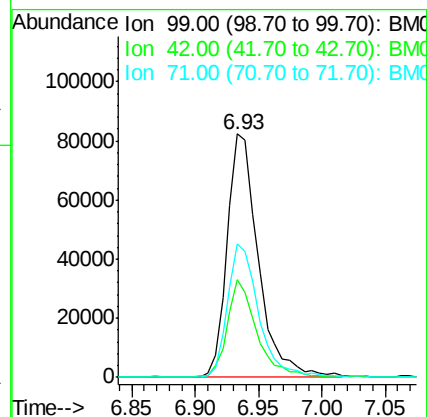
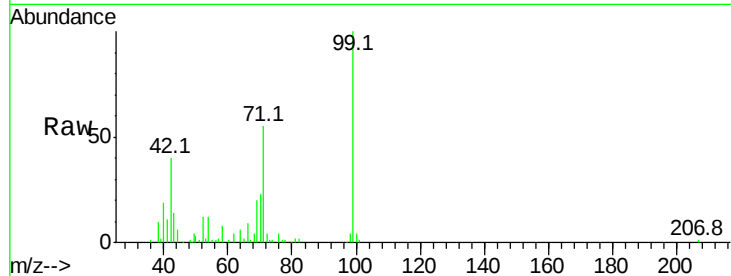
Tot Ion: 99 Resp: 140824

Ion Ratio Lower Upper

99 100

42 39.9 11.0 16.4#

71 55.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.04 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Tgt Ion: 136 Resp: 171975

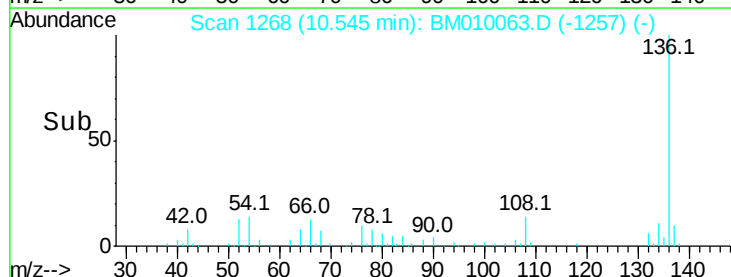
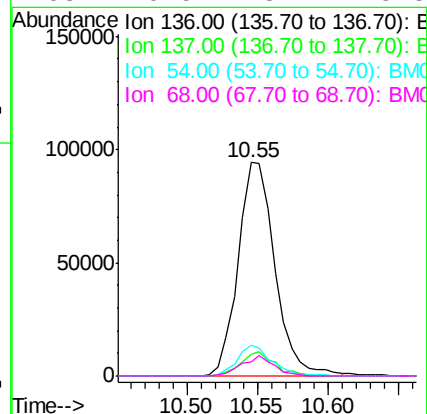
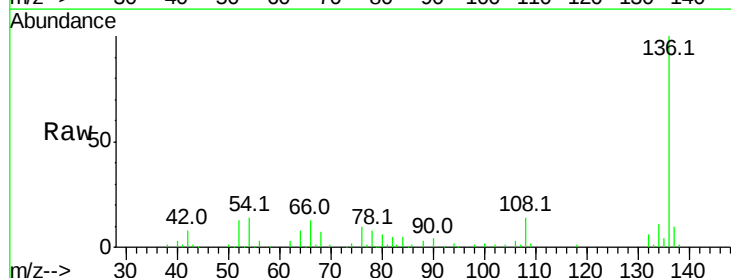
Ion Ratio Lower Upper

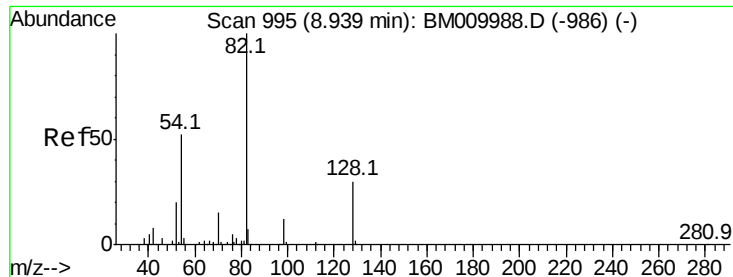
136 100

137 10.3 8.7 13.1

54 14.3 4.6 6.8#

68 6.5 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 119.91 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Instrument :

BNA_M

ClientSampleId :

WS-5

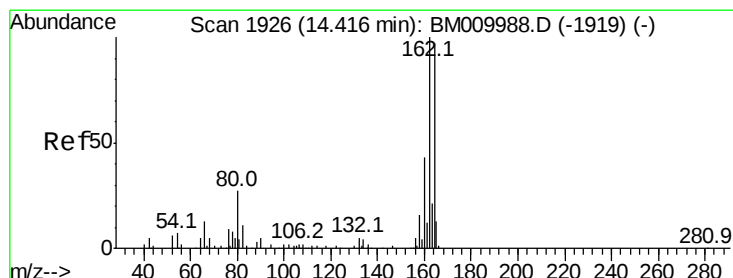
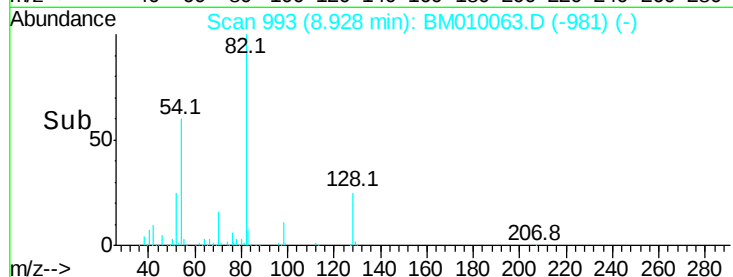
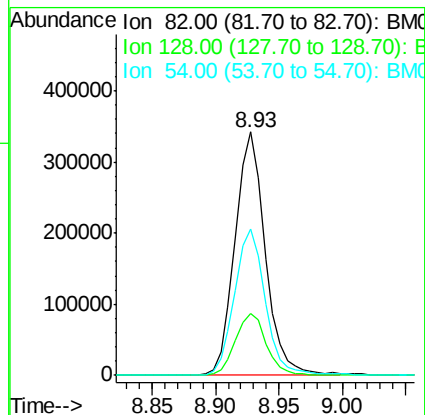
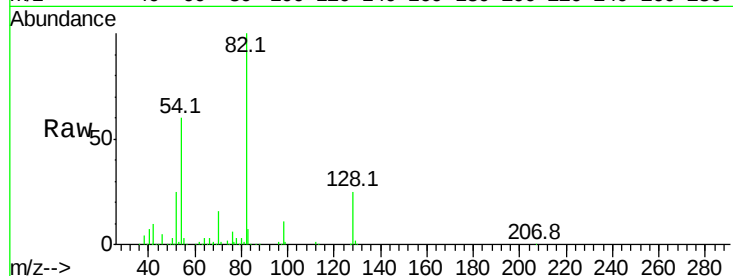
Tot Ion: 82 Resp: 564279

Ion Ratio Lower Upper

82 100

128 25.5 32.8 49.2#

54 60.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.04 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

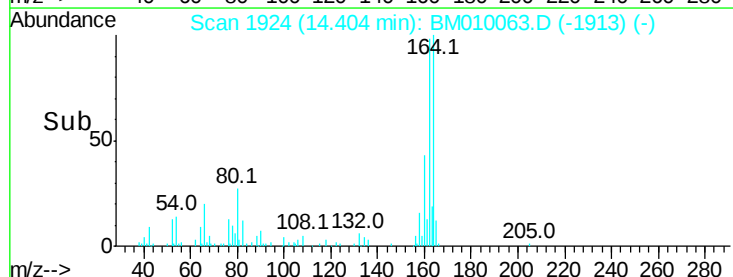
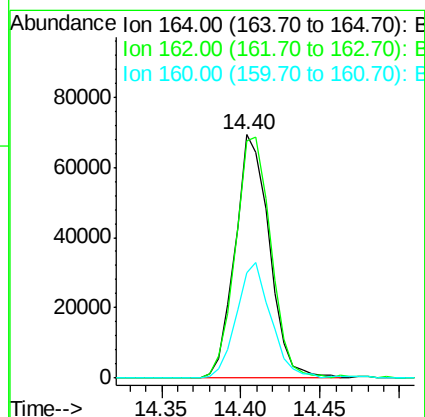
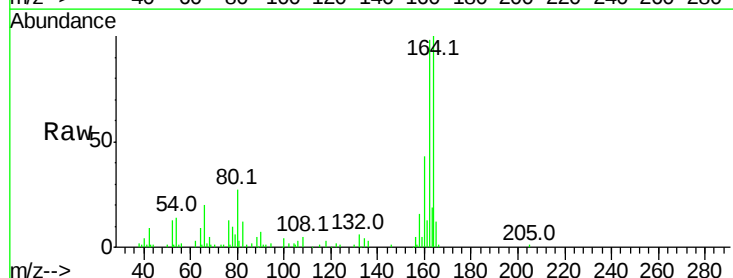
Tgt Ion: 164 Resp: 103970

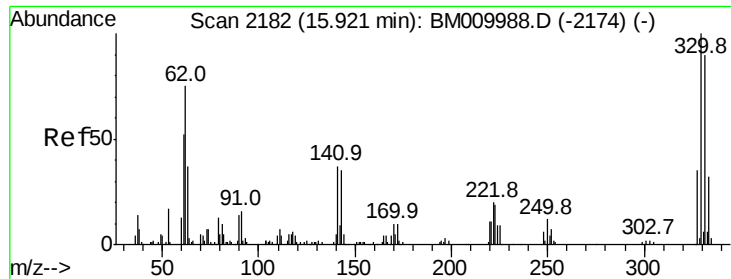
Ion Ratio Lower Upper

164 100

162 97.5 82.4 123.6

160 43.0 35.8 53.6

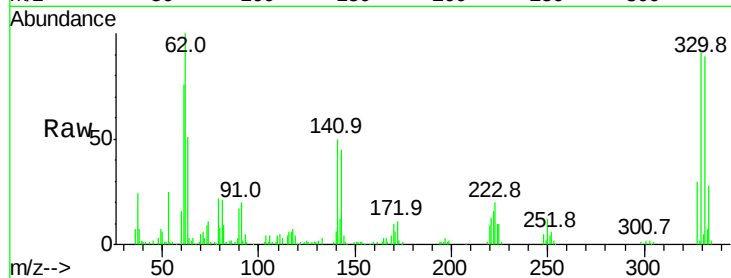




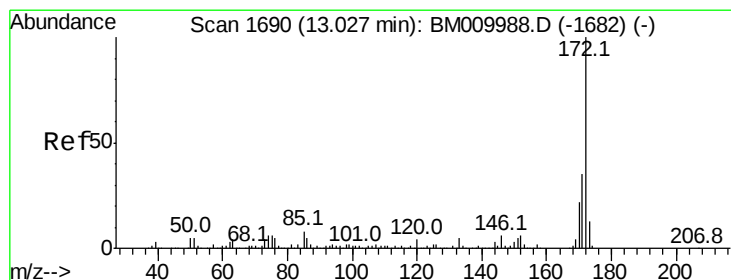
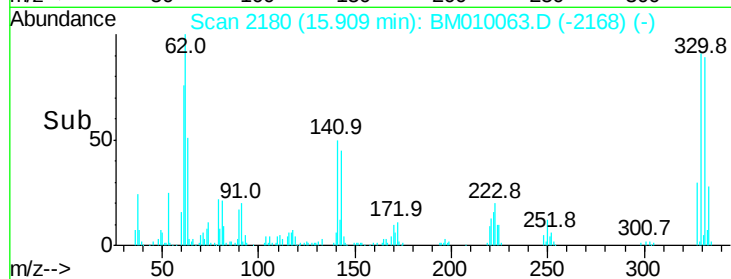
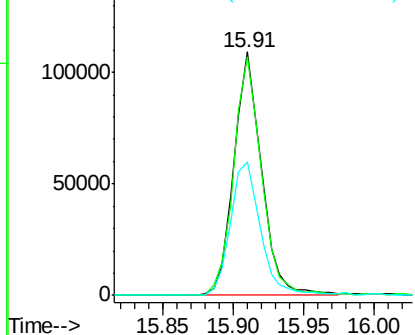
#41
 2,4,6-Tribromophenol
 Concen: 105.21 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010063.D
 Acq: 16 May 2017 21:03

Instrument :
 BNA_M
 ClientSampleID :
 WS-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	0.0	0.0#
141	59.3	0.0	0.0#

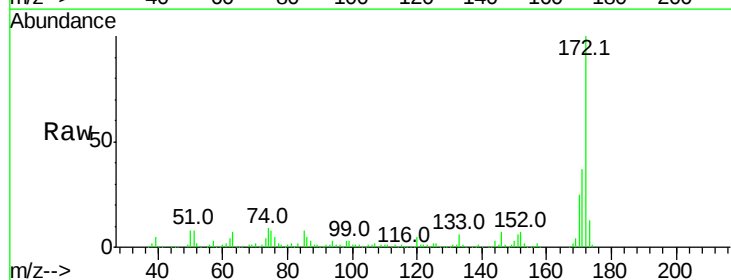


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

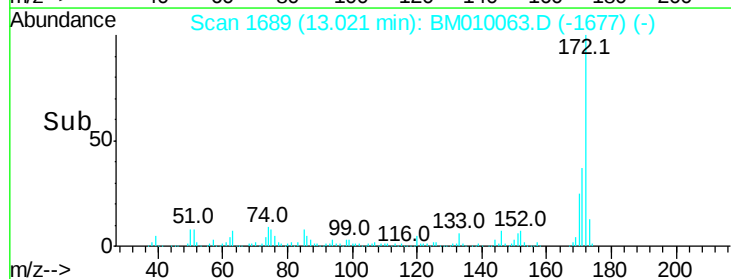
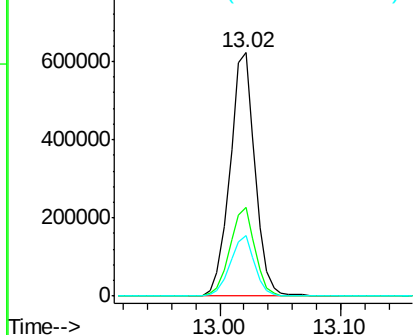


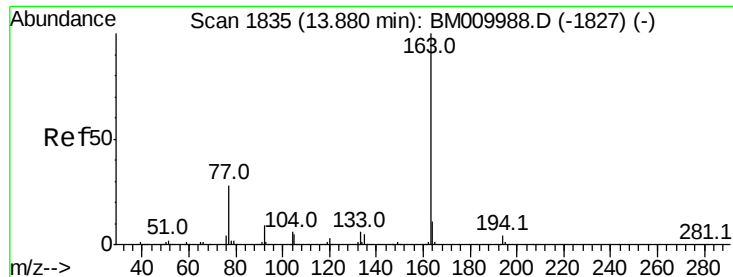
#44
 2-Fluorobiphenyl
 Concen: 115.07 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010063.D
 Acq: 16 May 2017 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	25.1	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





#49

Dimethylphthalate

Concen: 3.28 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Instrument :

BNA_M

ClientSampleId :

WS-5

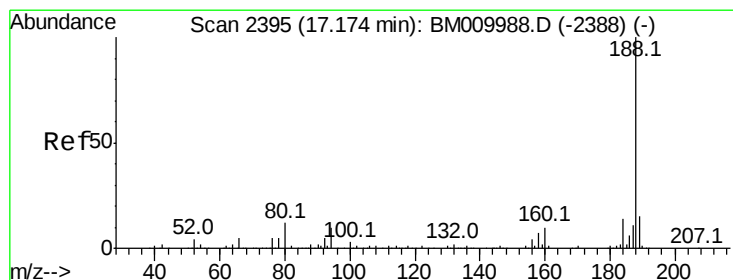
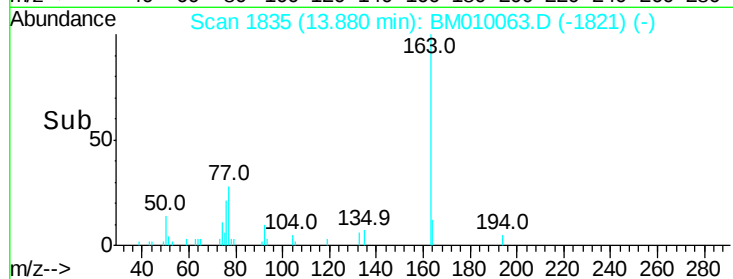
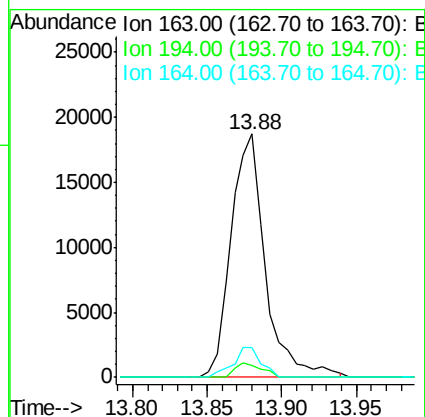
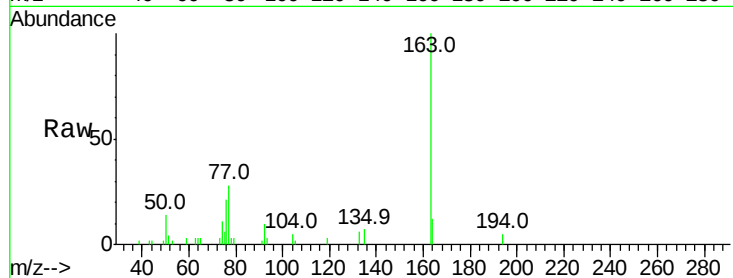
Tot Ion:163 Resp: 30101

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

164 12.4 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

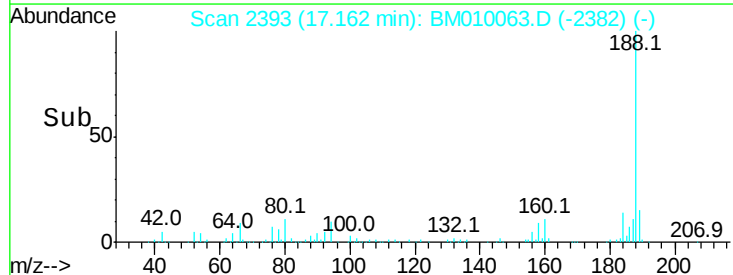
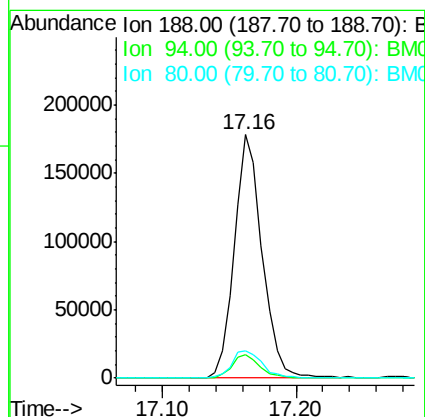
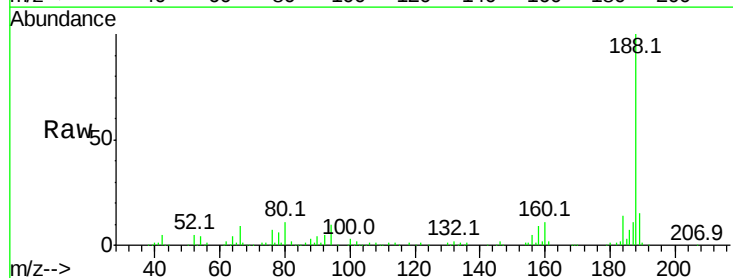
Tgt Ion:188 Resp: 259257

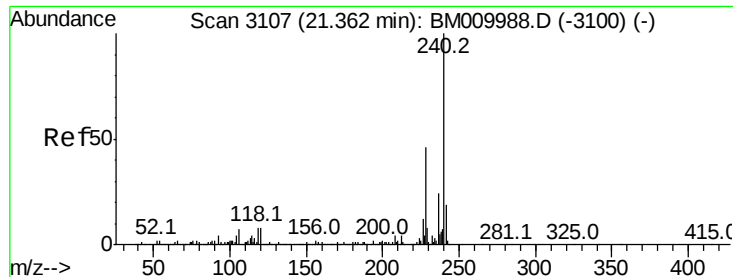
Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 11.0 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.04 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

Instrument :

BNA_M

ClientSampleId :

WS-5

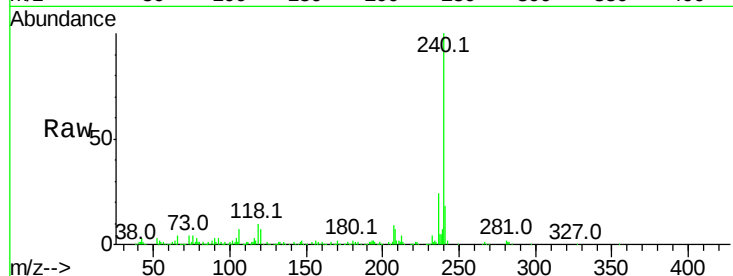
Tot Ion:240 Resp: 318980

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

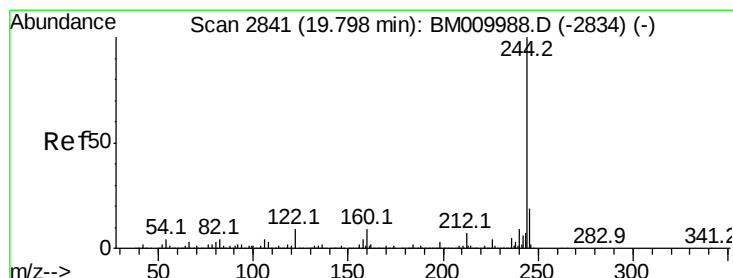
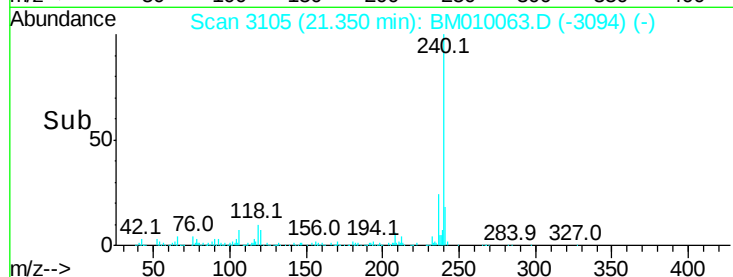
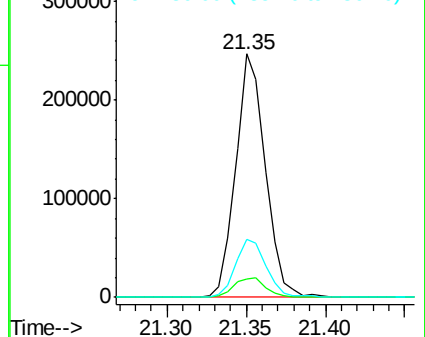
236 23.8 20.0 30.0



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



#78

Terphenyl-d14

Concen: 109.92 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.03 min

Lab File: BM010063.D

Acq: 16 May 2017 21:03

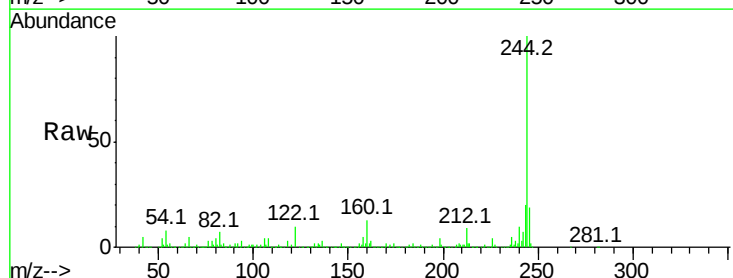
Tgt Ion:244 Resp: 1663651

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

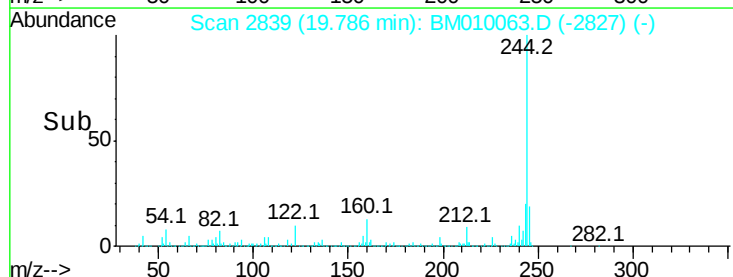
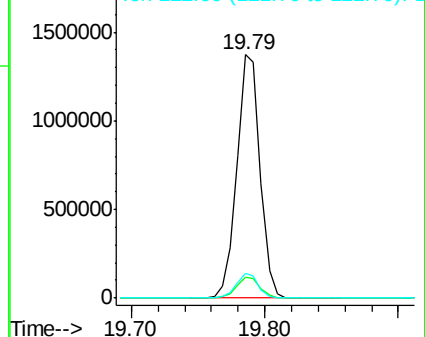
122 10.3 6.2 9.4#

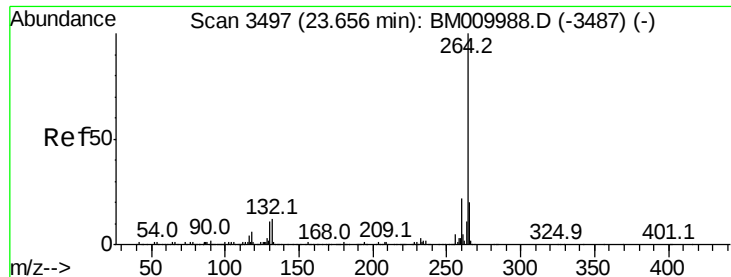


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

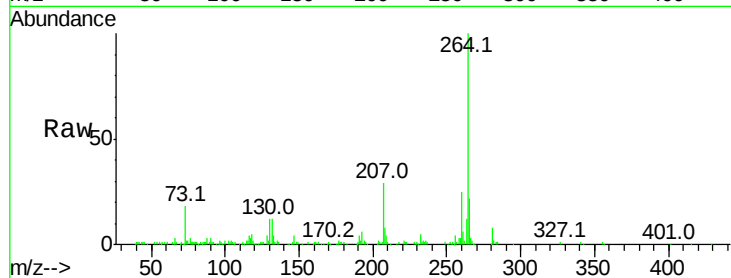




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010063.D
Acq: 16 May 2017 21:03

Instrument :
BNA_M
ClientSampleId :
WS-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	22.0	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

