

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010012.D
 Acq On : 12 May 2017 07:41
 Operator : SJ/MA
 Sample : I3079-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 08:20:06 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

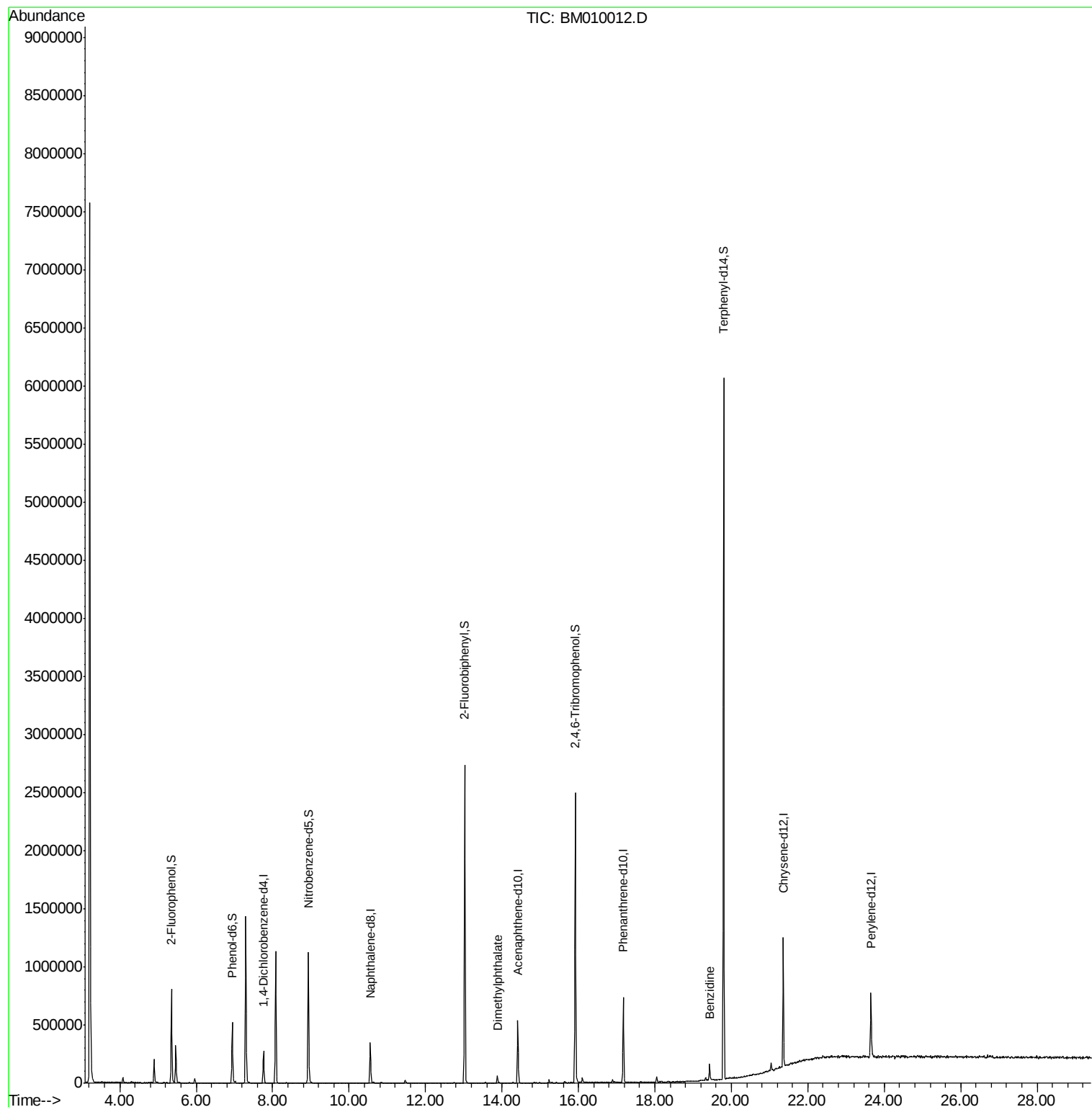
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	62534	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	245753	20.00	ng	-0.03
38) Acenaphthene-d10	14.42	164	167797	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	412450	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	511222	20.00	ng	-0.03
86) Perylene-d12	23.65	264	396301	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	268859	67.28	ng	-0.02
7) Phenol-d6	6.95	99	250166	39.07	ng	-0.02
23) Nitrobenzene-d5	8.93	82	665866	99.02	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	367628	160.09	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1209687	96.41	ng	-0.02
78) Terphenyl-d14	19.80	244	2366829	97.57	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.88	163	38902	2.63	ng	99
76) Benzidine	19.43	184	76567	5.99	ng	99

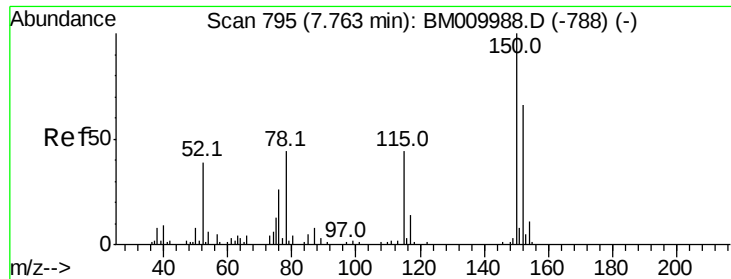
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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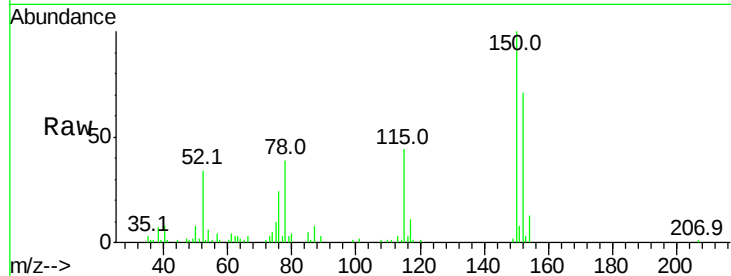


#1

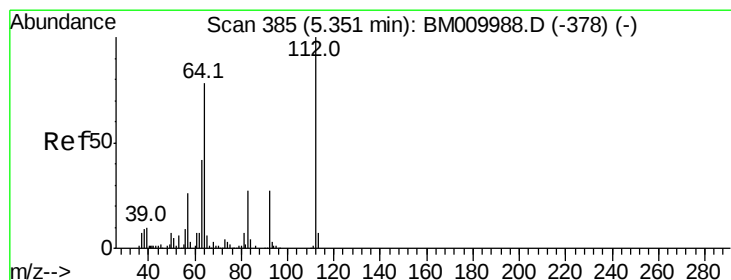
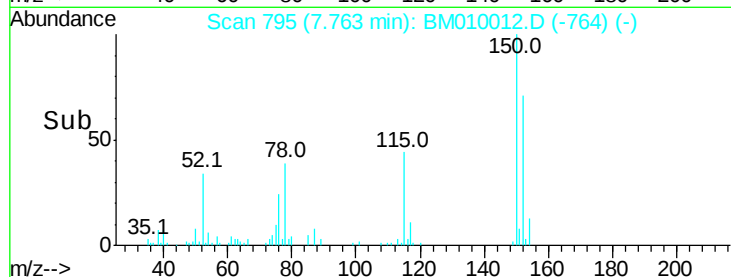
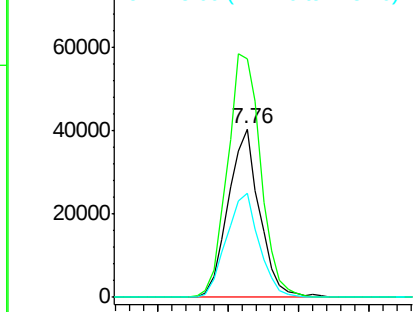
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010012.D
Acq: 12 May 2017 07:41

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	119.5	179.3
115	61.7	43.0	64.4



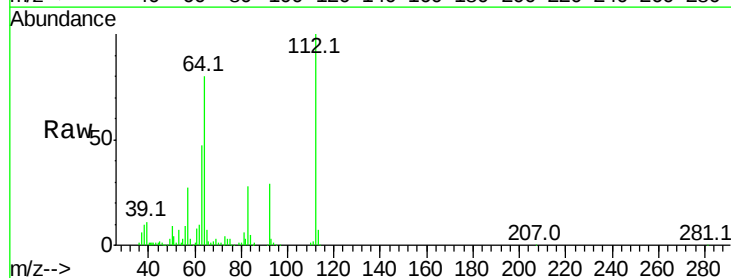
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



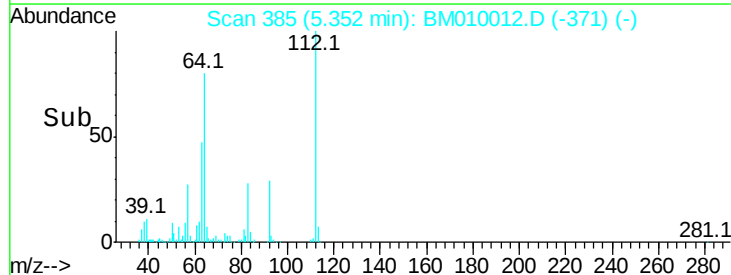
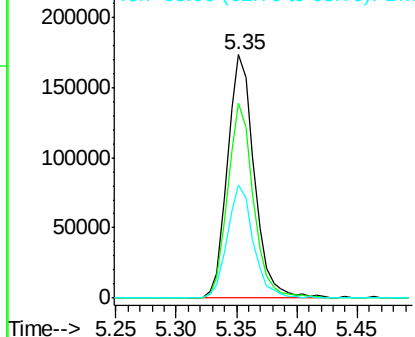
#5

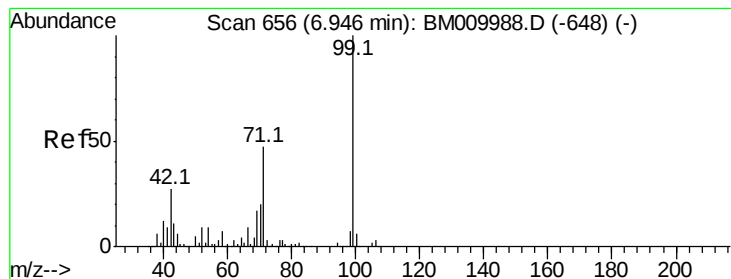
2-Fluorophenol
Concen: 67.28 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010012.D
Acq: 12 May 2017 07:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.9	38.6	57.8#
63	46.6	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: 39.07 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

Instrument :

BNA_M

ClientSampleId :

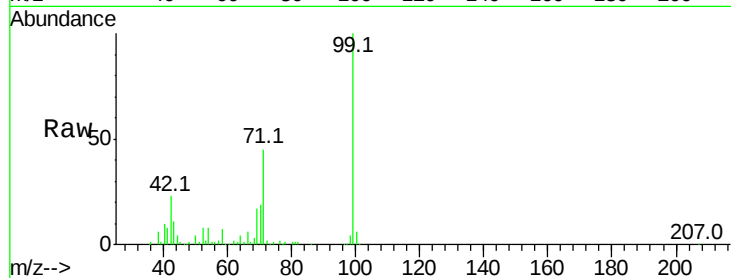
Tot Ion: 99 Resp: 250166

Ion Ratio Lower Upper

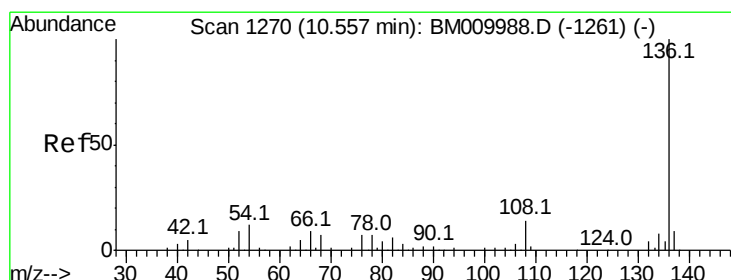
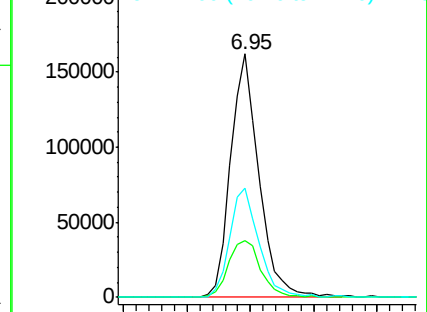
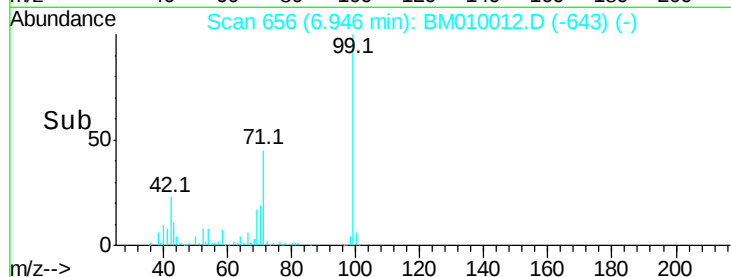
99 100

42 23.3 11.0 16.4#

71 44.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010012.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

Tgt Ion: 136 Resp: 245753

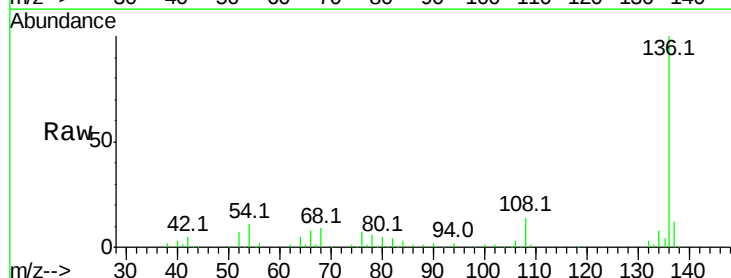
Ion Ratio Lower Upper

136 100

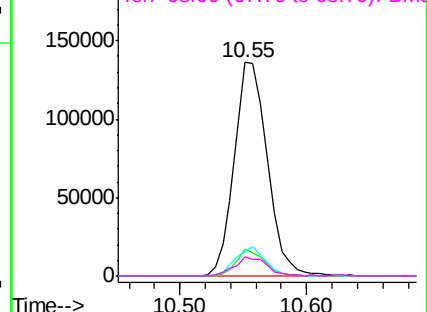
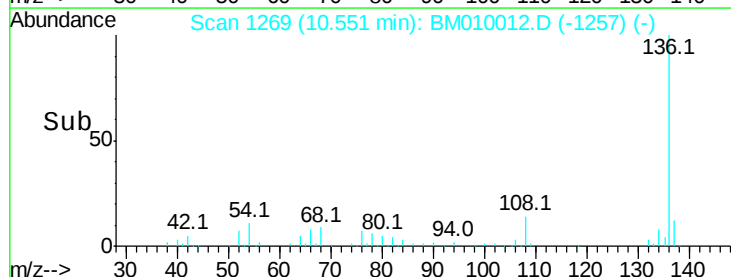
137 12.5 8.7 13.1

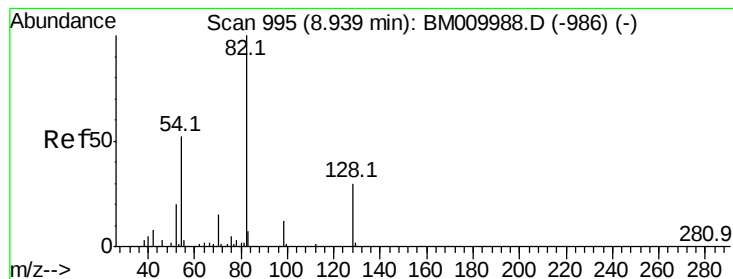
54 11.5 4.6 6.8#

68 9.2 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010012.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 99.02 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

Instrument :

BNA_M

ClientSampleId :

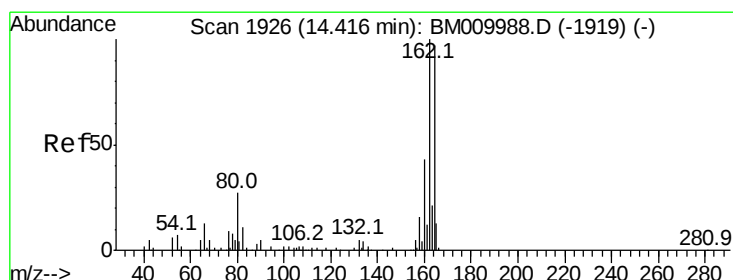
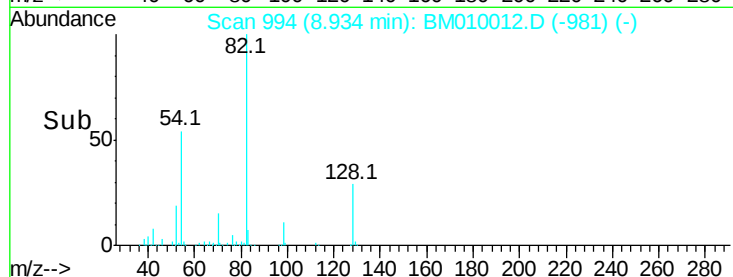
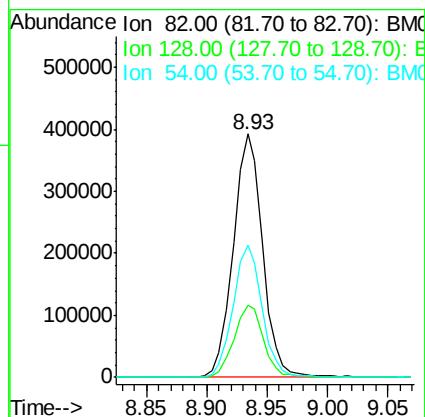
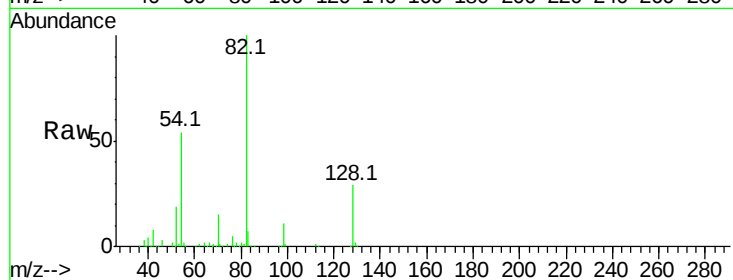
Tot Ion: 82 Resp: 665866

Ion Ratio Lower Upper

82 100

128 29.4 32.8 49.2#

54 54.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

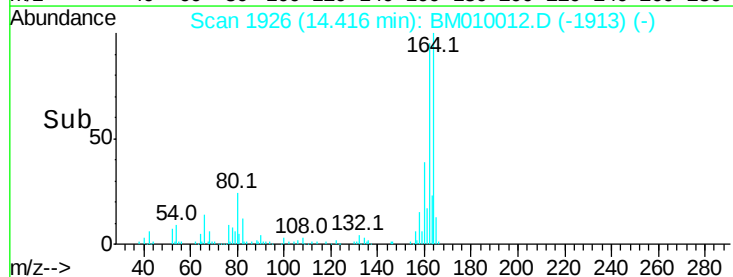
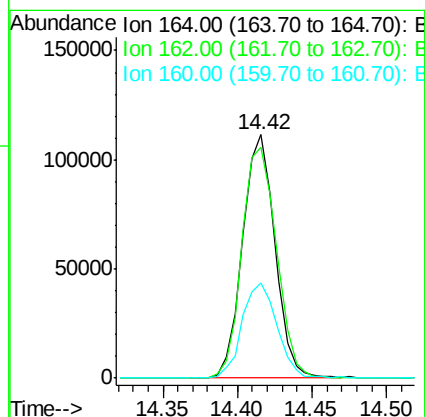
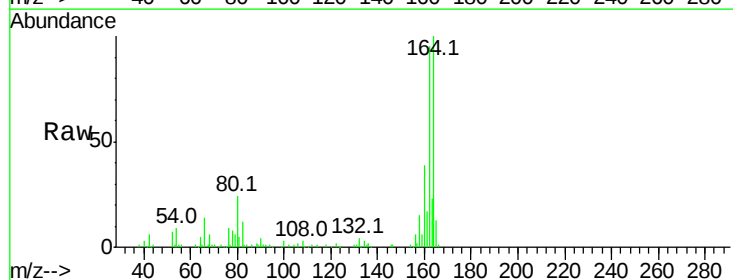
Tgt Ion: 164 Resp: 167797

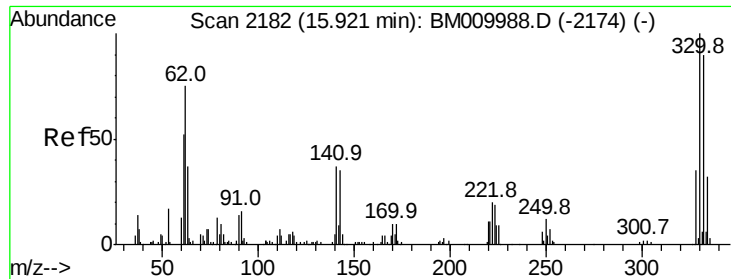
Ion Ratio Lower Upper

164 100

162 94.7 82.4 123.6

160 39.1 35.8 53.6

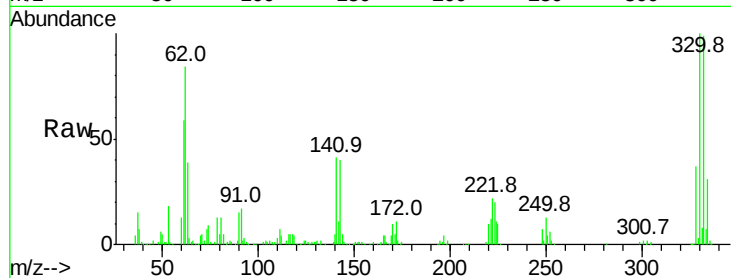




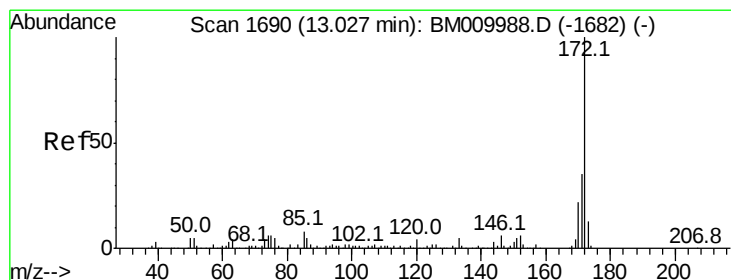
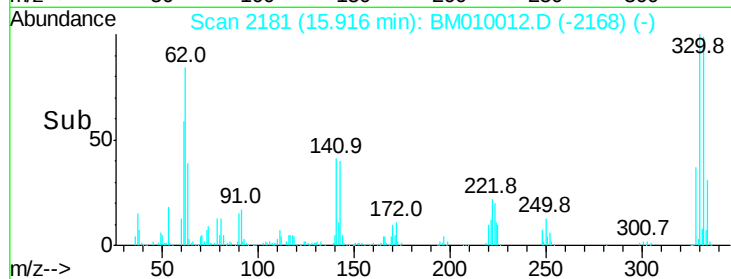
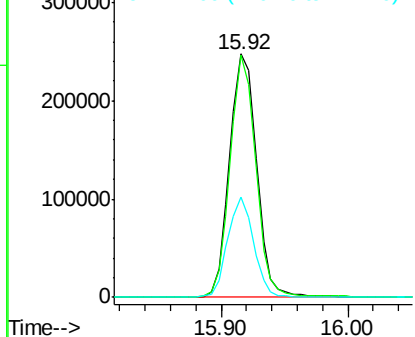
#41
 2,4,6-Tribromophenol
 Concen: 160.09 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010012.D
 Acq: 12 May 2017 07:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	39.6	0.0	0.0#

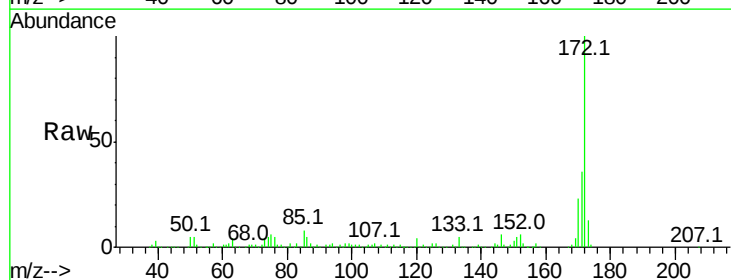


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

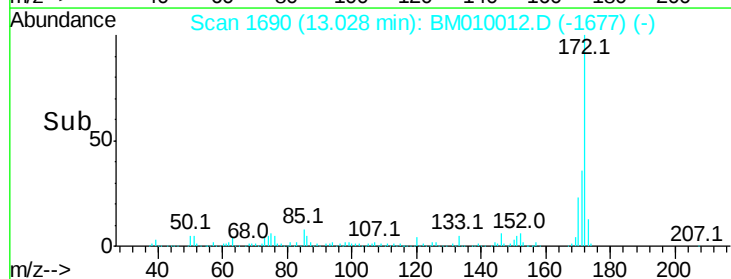
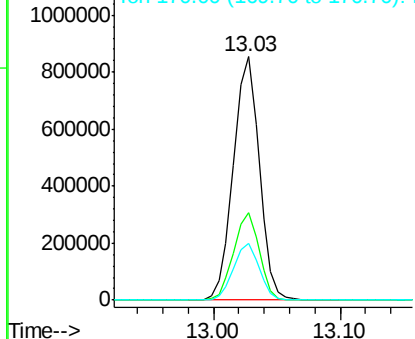


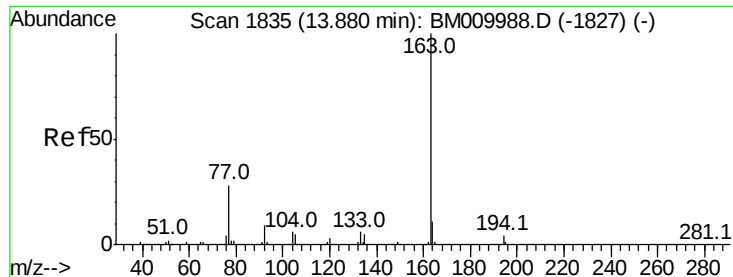
#44
 2-Fluorobiphenyl
 Concen: 96.41 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010012.D
 Acq: 12 May 2017 07:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.1	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: 2.63 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

Instrument :

BNA_M

ClientSampleId :

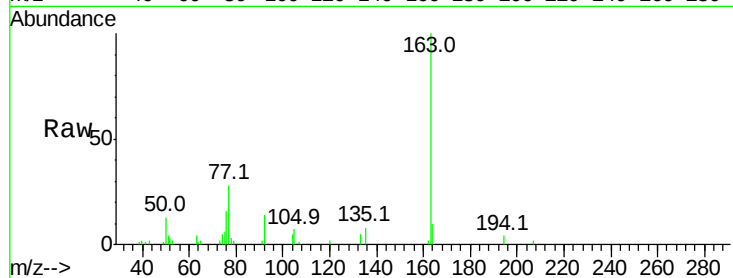
Tot Ion:163 Resp: 38902

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

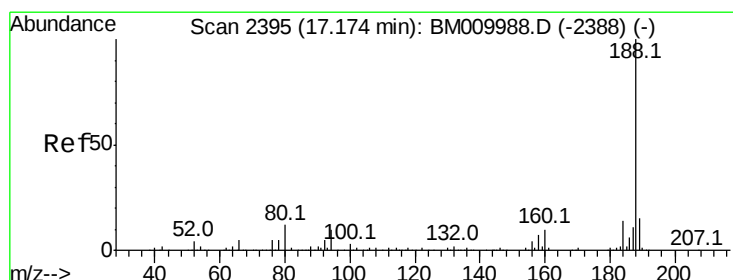
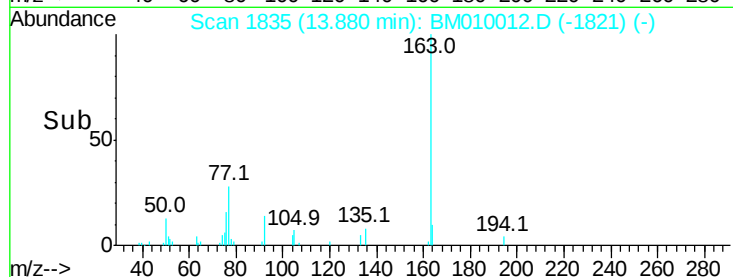
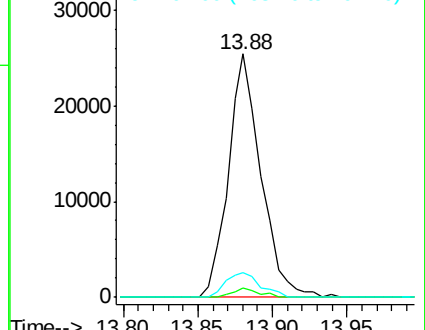
164 10.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

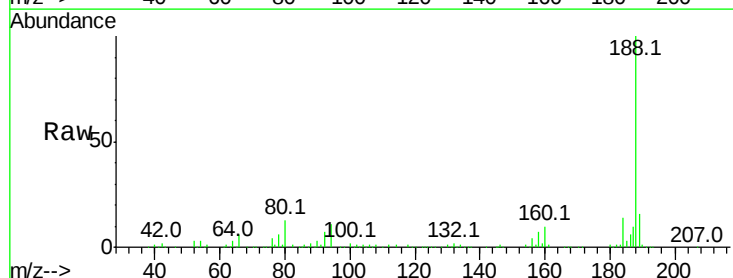
Tgt Ion:188 Resp: 412450

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

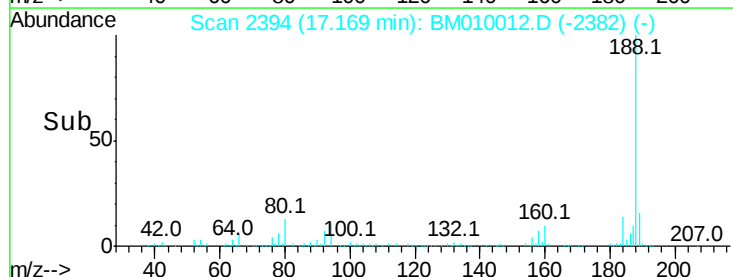
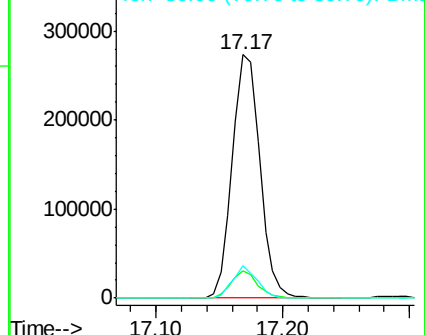
80 13.1 9.3 13.9

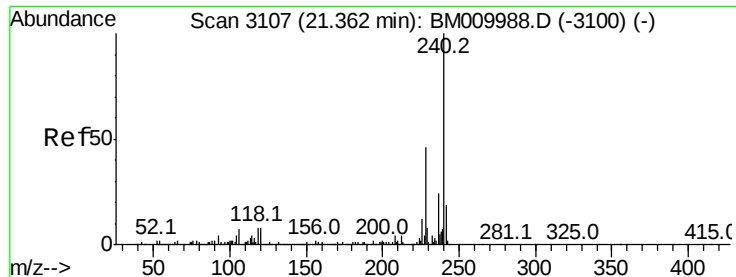


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

Instrument :

BNA_M

ClientSampleId :

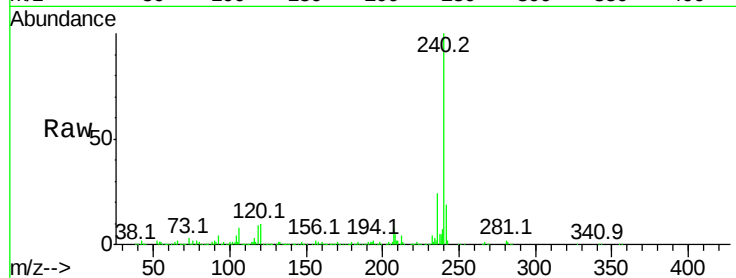
Tot Ion:240 Resp: 511222

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

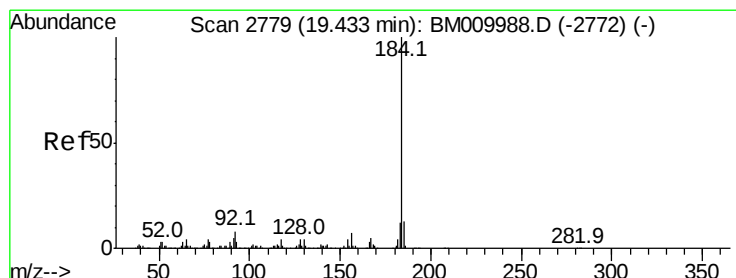
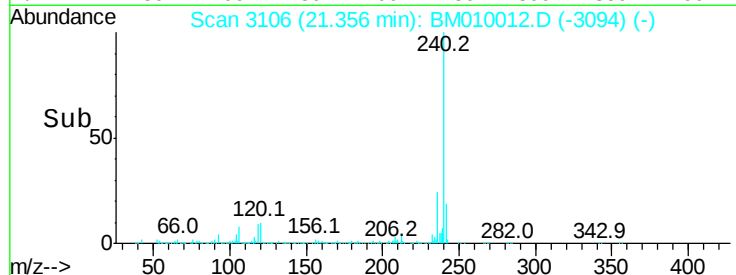
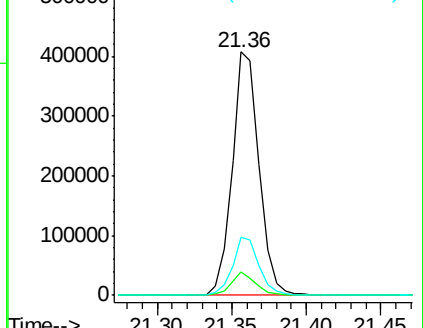
236 23.8 20.0 30.0



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



#76

Benzidine

Concen: 5.99 ng

RT: 19.43 min Scan# 2779

Delta R.T. -0.02 min

Lab File: BM010012.D

Acq: 12 May 2017 07:41

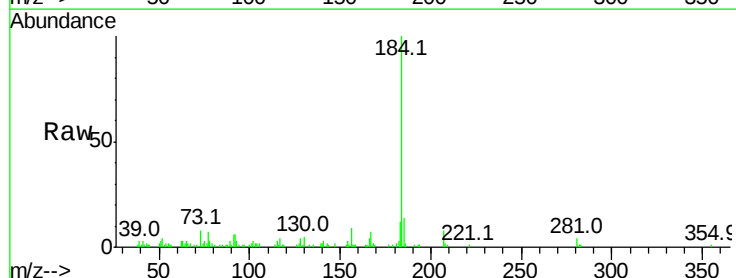
Tgt Ion:184 Resp: 76567

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

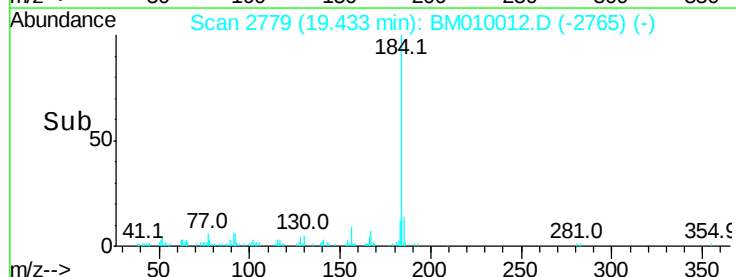
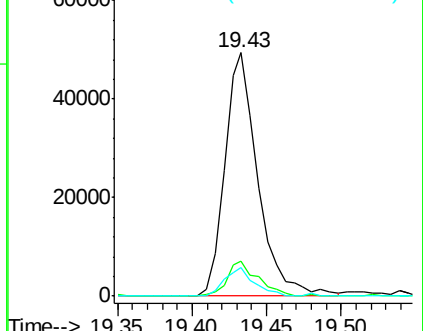
183 11.9 8.9 13.3

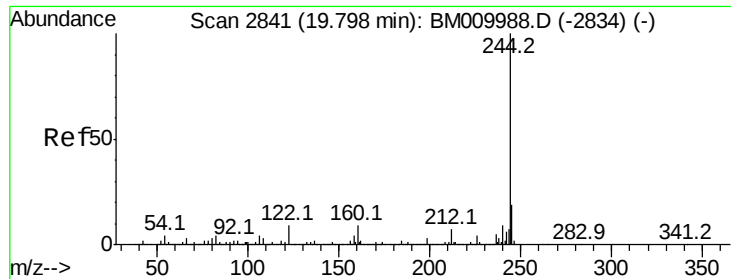


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

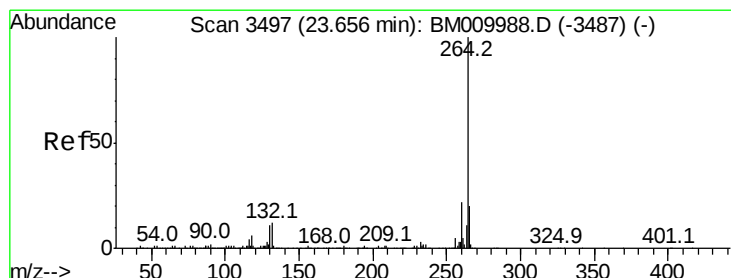
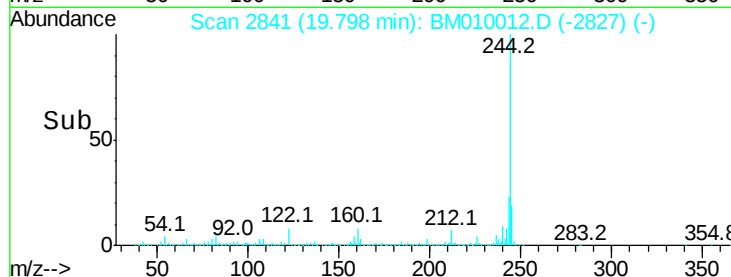
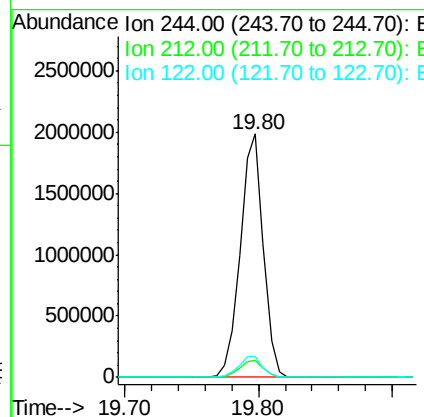
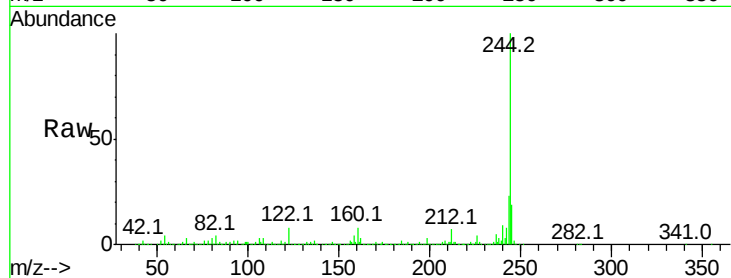




#78
 Terphenyl-d14
 Concen: 97.57 ng
 RT: 19.80 min Scan# 2841
 Delta R.T. -0.02 min
 Lab File: BM010012.D
 Acq: 12 May 2017 07:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 2366829
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 8.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010012.D
 Acq: 12 May 2017 07:41

Tgt Ion:264 Resp: 396301
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 22.6 17.3 25.9

