

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010013.D
 Acq On : 12 May 2017 08:17
 Operator : SJ/MA
 Sample : I3069-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAC-2

Quant Time: May 12 10:40:23 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	58105	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	228374	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	147938	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	369244	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	377333	20.00	ng	-0.02
86) Perylene-d12	23.65	264	304817	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	533412	143.66	ng	-0.02
7) Phenol-d6	6.95	99	755195	126.93	ng	-0.02
23) Nitrobenzene-d5	8.93	82	624528	99.94	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	341417	168.63	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1085967	98.17	ng	-0.02
78) Terphenyl-d14	19.80	244	2139532	119.50	ng	-0.02

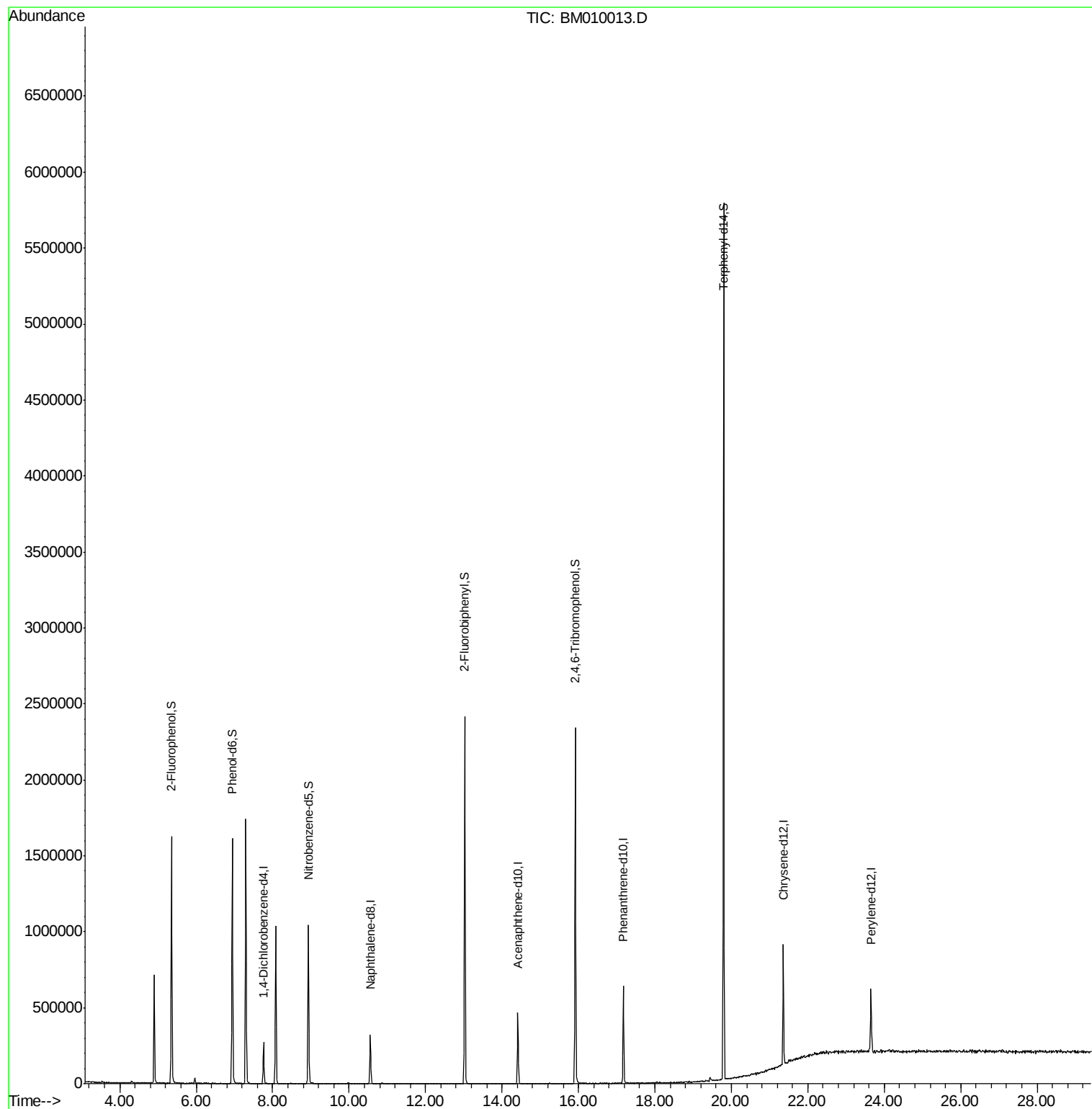
Target Compounds Qvalue

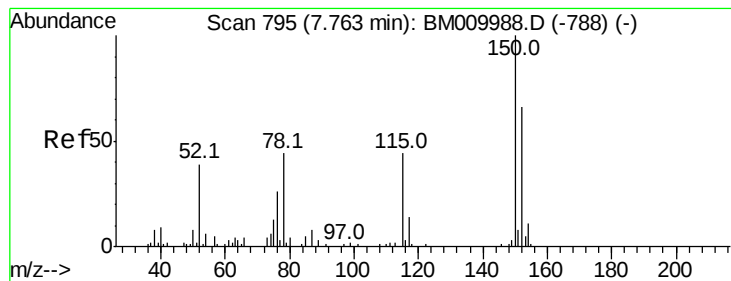
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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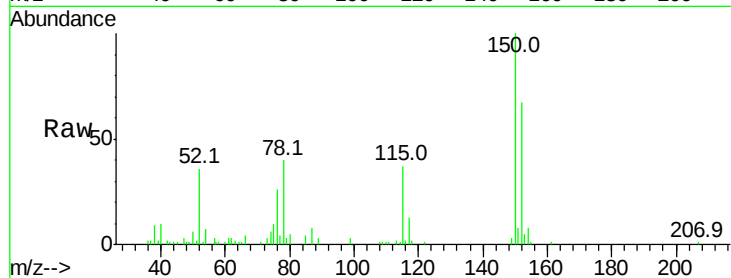


#1

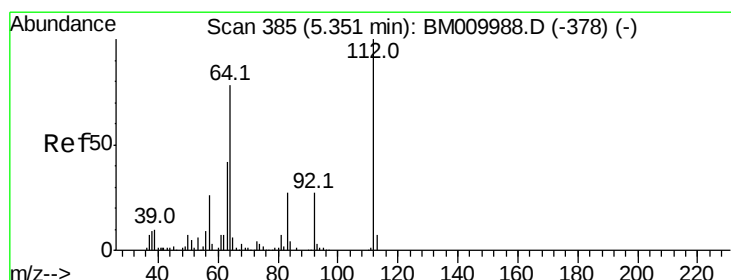
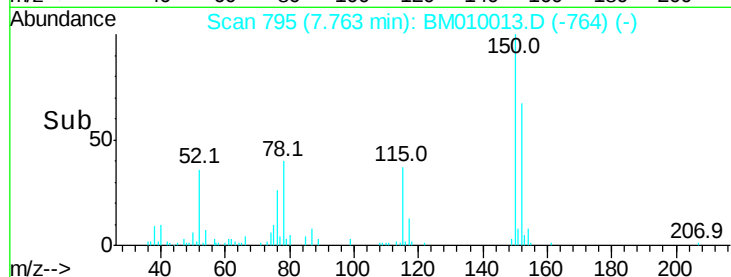
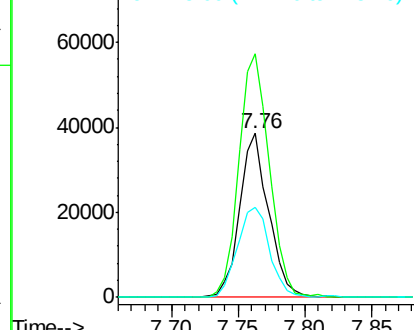
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010013.D
Acq: 12 May 2017 08:17

Instrument :
BNA_M
ClientSampled :
GAC-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	54.8	43.0	64.4



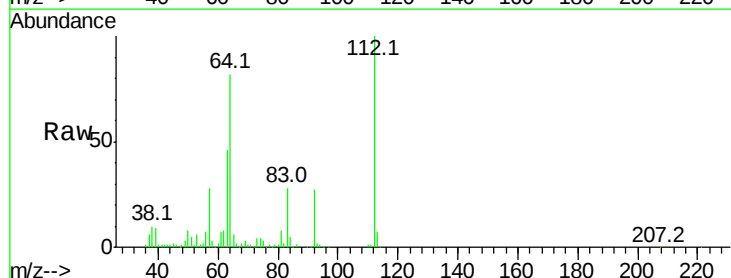
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



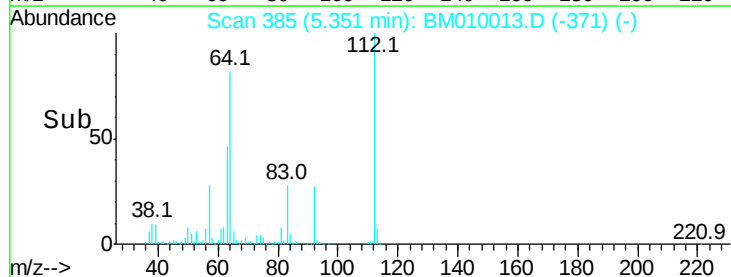
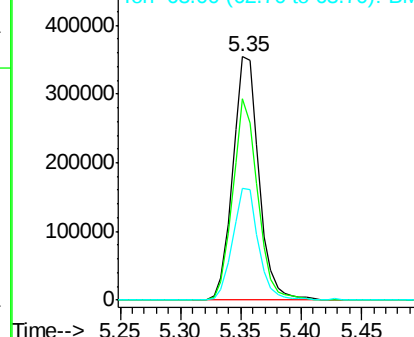
#5

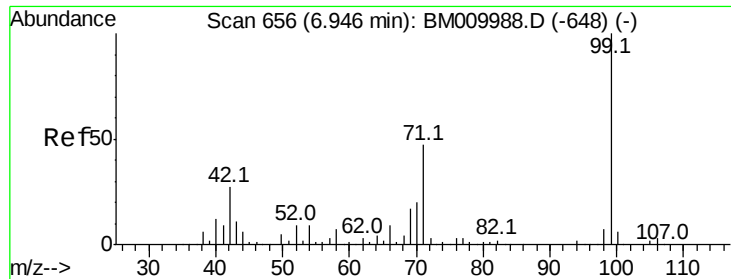
2-Fluorophenol
Concen: 143.66 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010013.D
Acq: 12 May 2017 08:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.5	38.6	57.8#
63	46.0	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: 126.93 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010013.D

Acq: 12 May 2017 08:17

Instrument :

BNA_M

ClientSampleId :

GAC-2

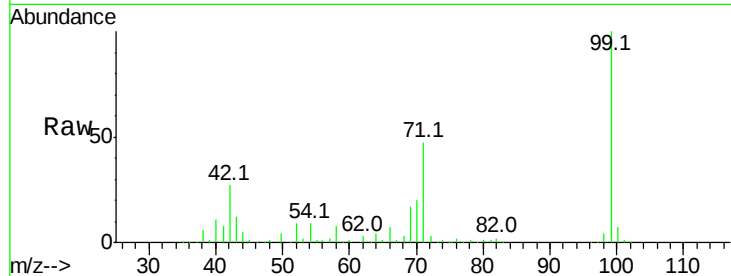
Tot Ion: 99 Resp: 755195

Ion Ratio Lower Upper

99 100

42 26.5 11.0 16.4#

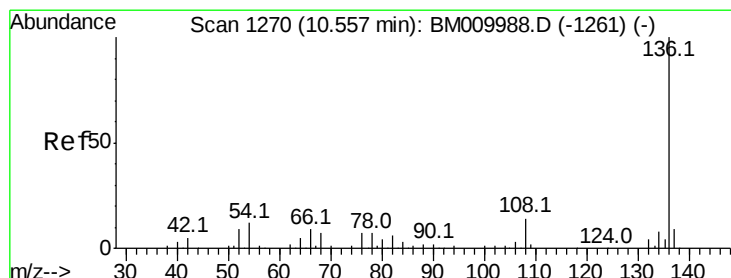
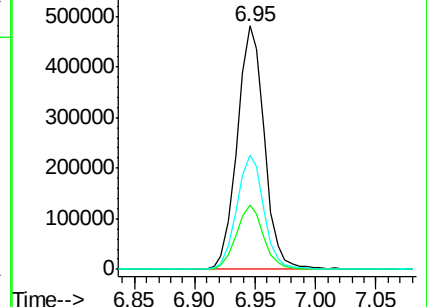
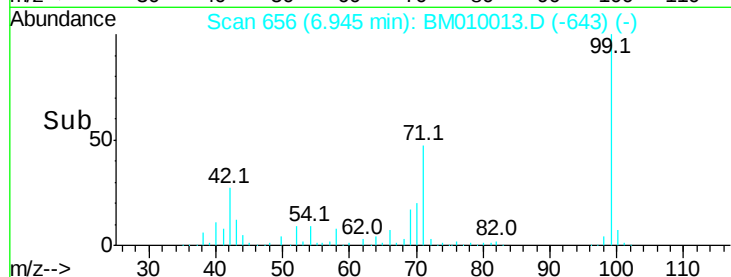
71 46.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010013.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010013.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010013.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010013.D

Acq: 12 May 2017 08:17

Tgt Ion: 136 Resp: 228374

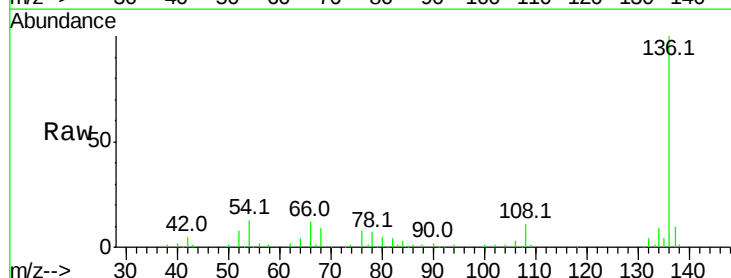
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 12.8 4.6 6.8#

68 8.5 3.7 5.5#

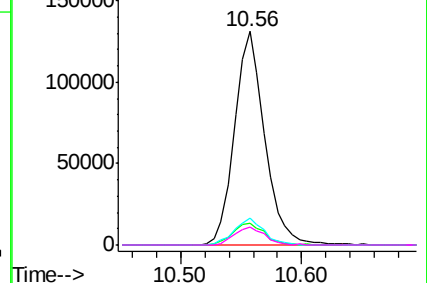
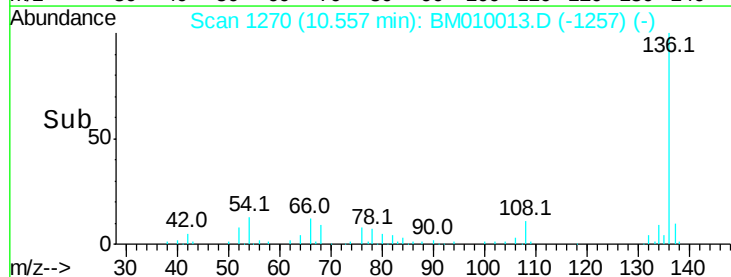


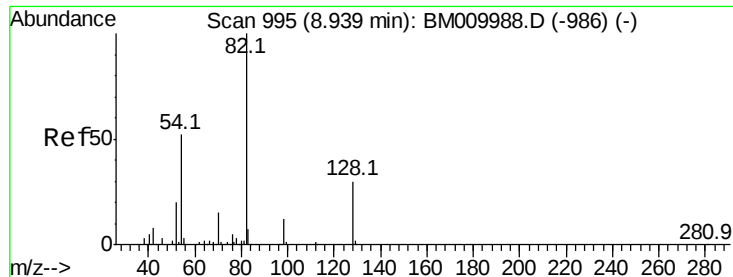
Abundance Ion 136.00 (135.70 to 136.70): BM010013.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010013.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010013.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010013.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 99.94 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010013.D

Acq: 12 May 2017 08:17

Instrument :

BNA_M

ClientSampleId :

GAC-2

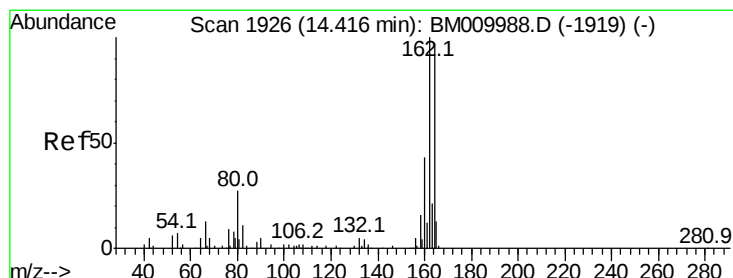
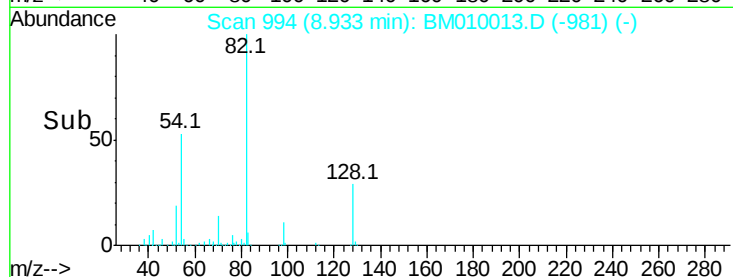
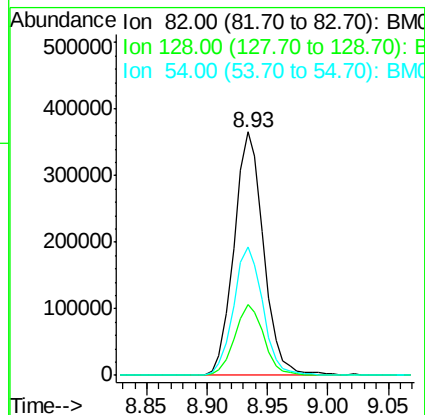
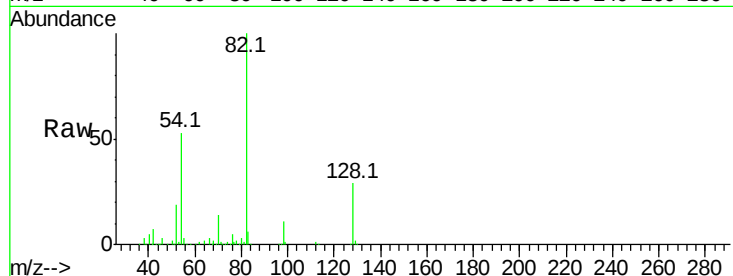
Tot Ion: 82 Resp: 624528

Ion Ratio Lower Upper

82 100

128 29.3 32.8 49.2#

54 52.9 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: BM010013.D

Acq: 12 May 2017 08:17

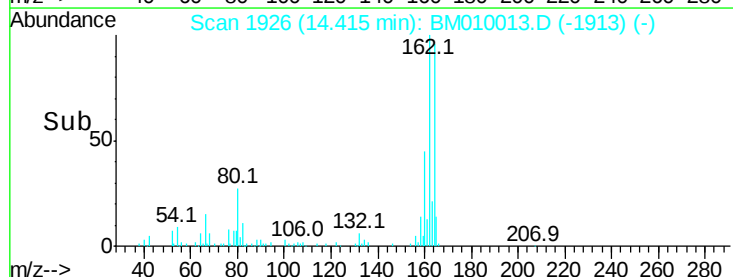
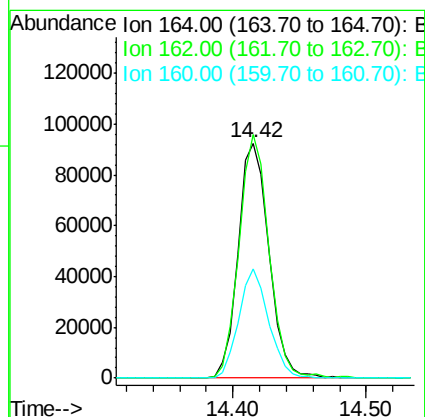
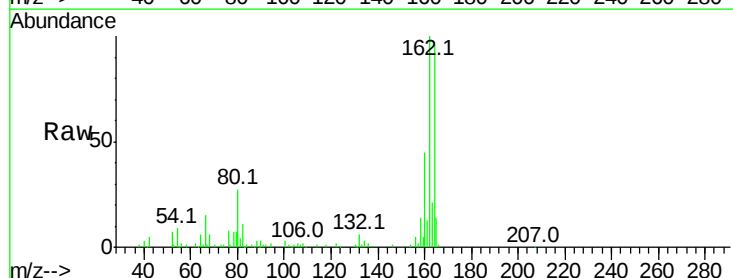
Tgt Ion: 164 Resp: 147938

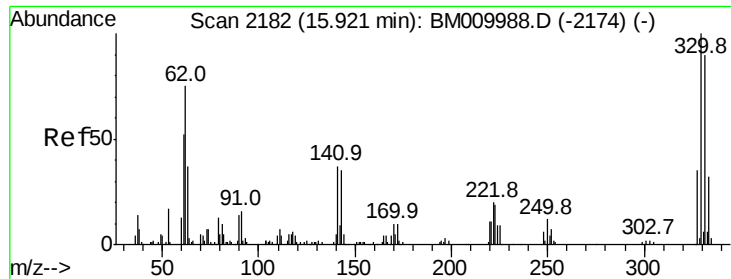
Ion Ratio Lower Upper

164 100

162 103.7 82.4 123.6

160 46.7 35.8 53.6

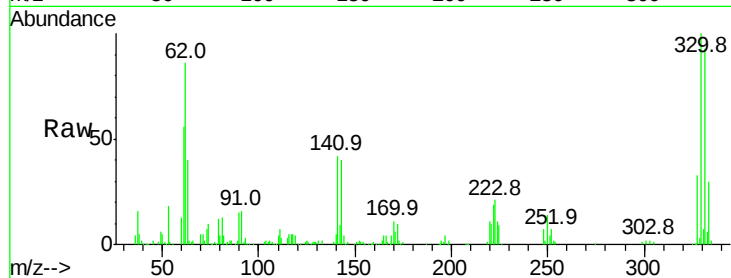




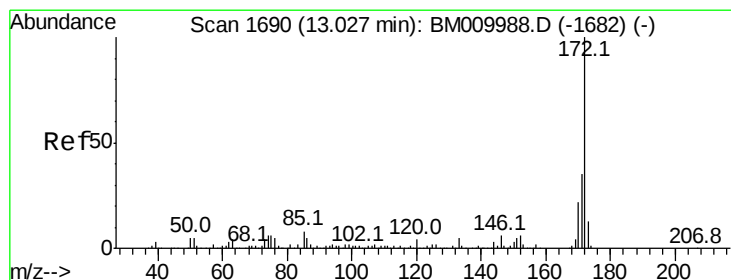
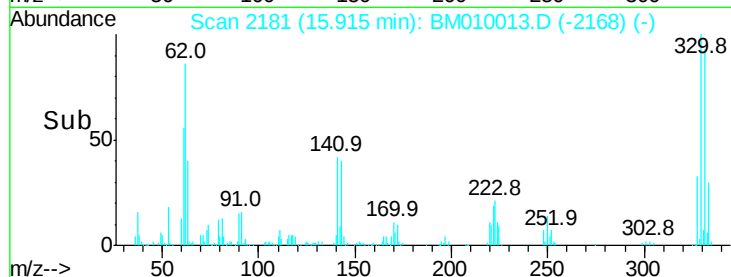
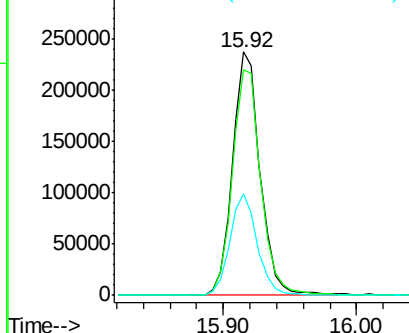
#41
 2,4,6-Tribromophenol
 Concen: 168.63 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010013.D
 Acq: 12 May 2017 08:17

Instrument :
 BNA_M
 ClientSampled :
 GAC-2

Tot Ion:330 Resp: 341417
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 41.6 0.0 0.0#

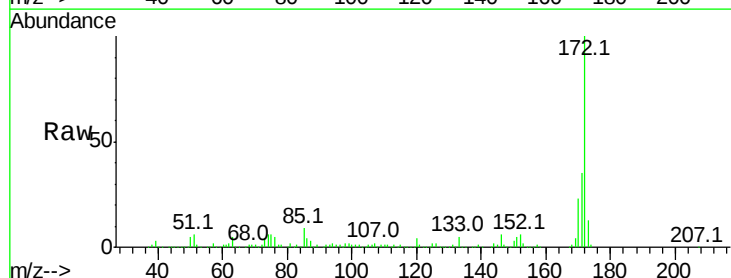


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

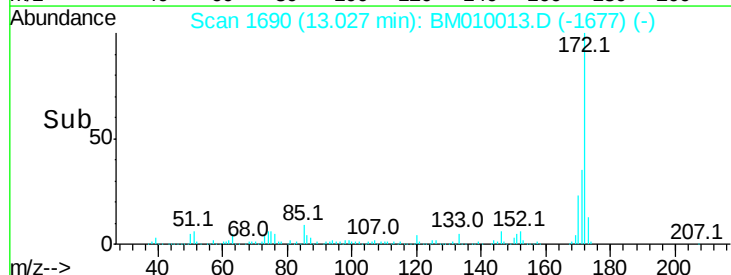
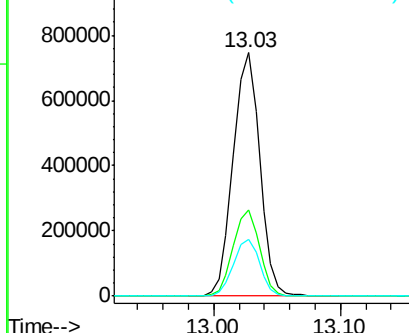


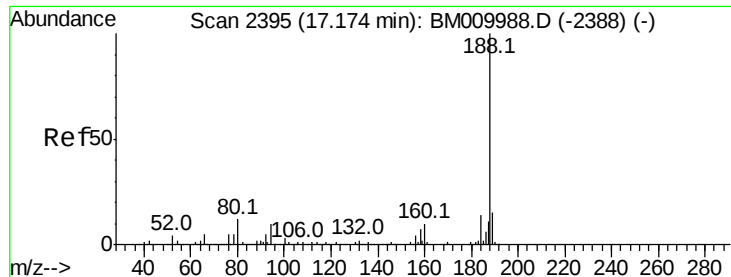
#44
 2-Fluorobiphenyl
 Concen: 98.17 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010013.D
 Acq: 12 May 2017 08:17

Tgt Ion:172 Resp: 1085967
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

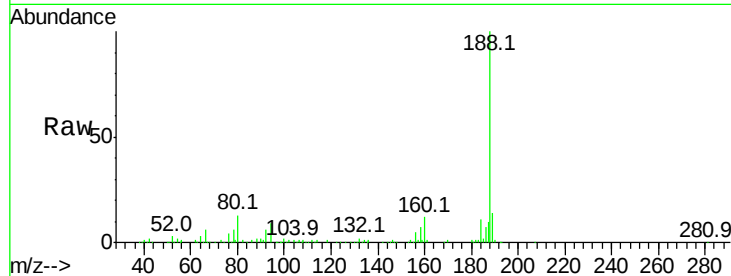




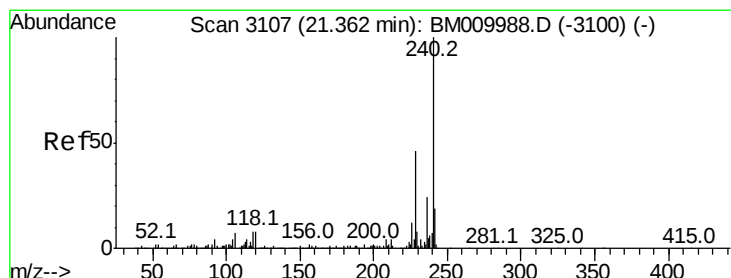
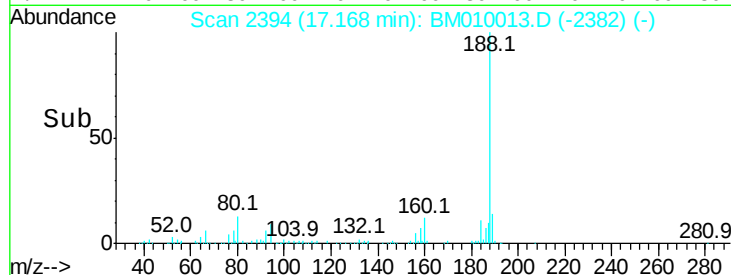
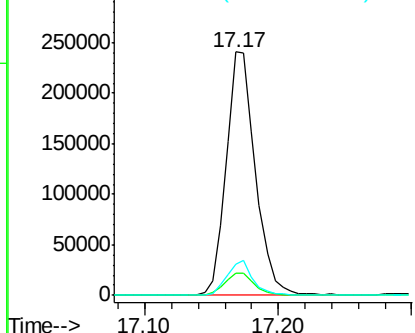
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010013.D
Acq: 12 May 2017 08:17

Instrument :
BNA_M
ClientSampleId :
GAC-2

Tot Ion:188 Resp: 369244
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 12.6 9.3 13.9

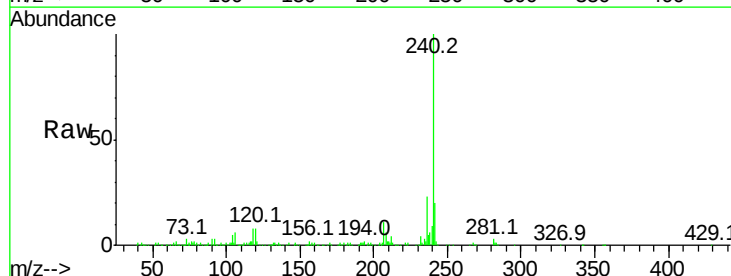


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

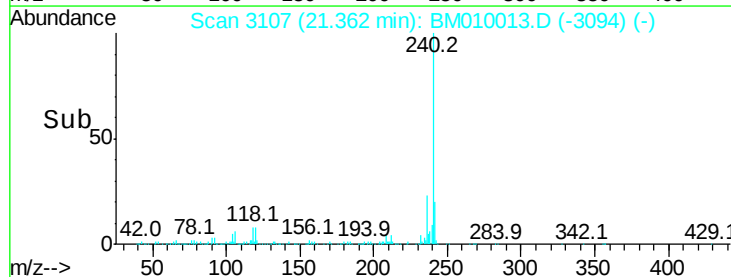
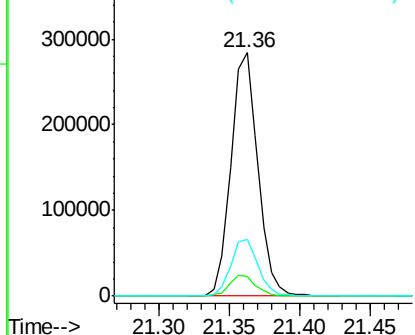


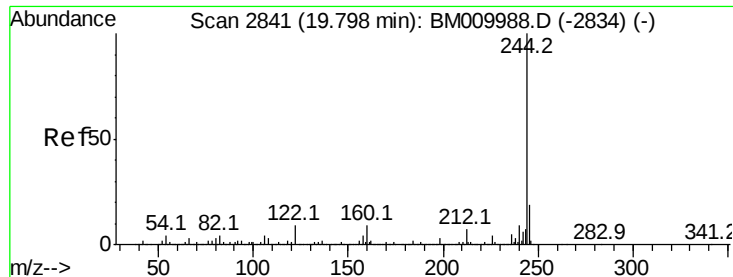
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM010013.D
Acq: 12 May 2017 08:17

Tgt Ion:240 Resp: 377333
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 23.3 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



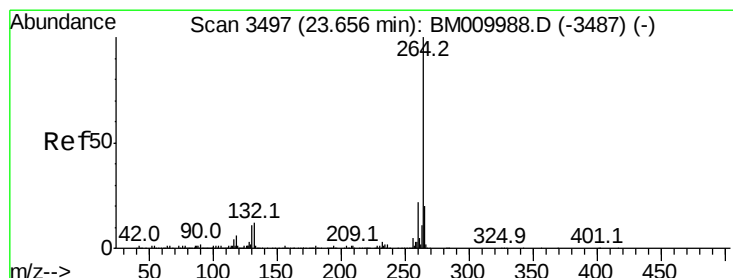
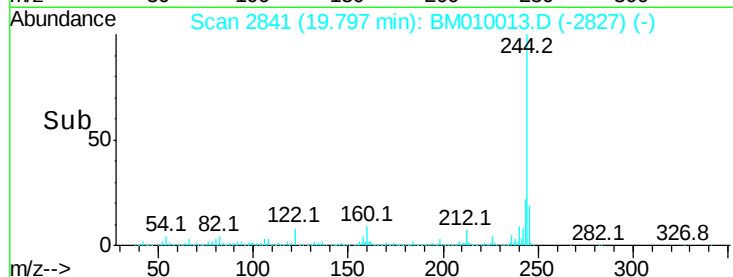
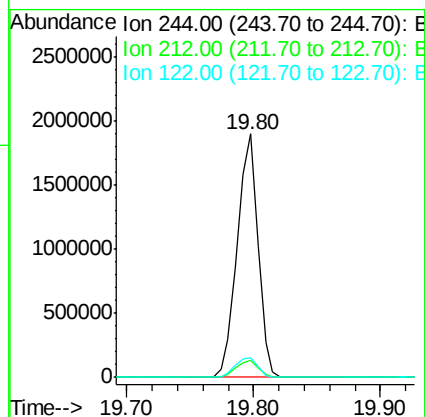
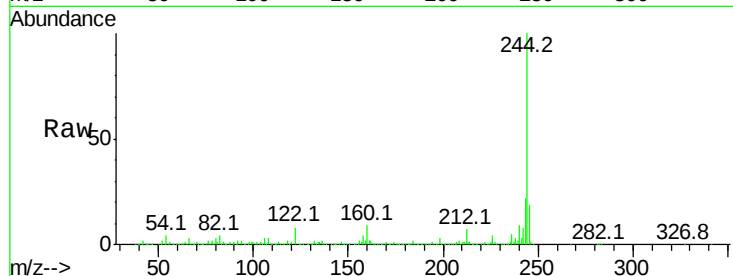


#78
 Terphenyl-d14
 Concen: 119.50 ng
 RT: 19.80 min Scan# 2841
 Delta R.T. -0.02 min
 Lab File: BM010013.D
 Acq: 12 May 2017 08:17

Instrument :
 BNA_M
 ClientSampleId :
 GAC-2

Tot Ion:244 Resp: 2139532

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	7.9	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: BM010013.D
 Acq: 12 May 2017 08:17

Tgt Ion:264 Resp: 304817

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.6	27.8
265	20.7	17.3	25.9

