

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010155.D
 Acq On : 23 May 2017 23:35
 Operator : SJ/MA
 Sample : I3245-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-X

Quant Time: May 24 06:03:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	125191	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	423417	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	269425	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	657264	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	991145	20.00	ng	-0.02
86) Perylene-d12	23.85	264	973457	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	368510	53.16	ng	-0.02
7) Phenol-d6	7.14	99	263056	29.49	ng	-0.03
23) Nitrobenzene-d5	9.14	82	738237	94.07	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	519459	126.94	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1808121	86.27	ng	-0.02
78) Terphenyl-d14	19.93	244	3192010	73.23	ng	-0.02

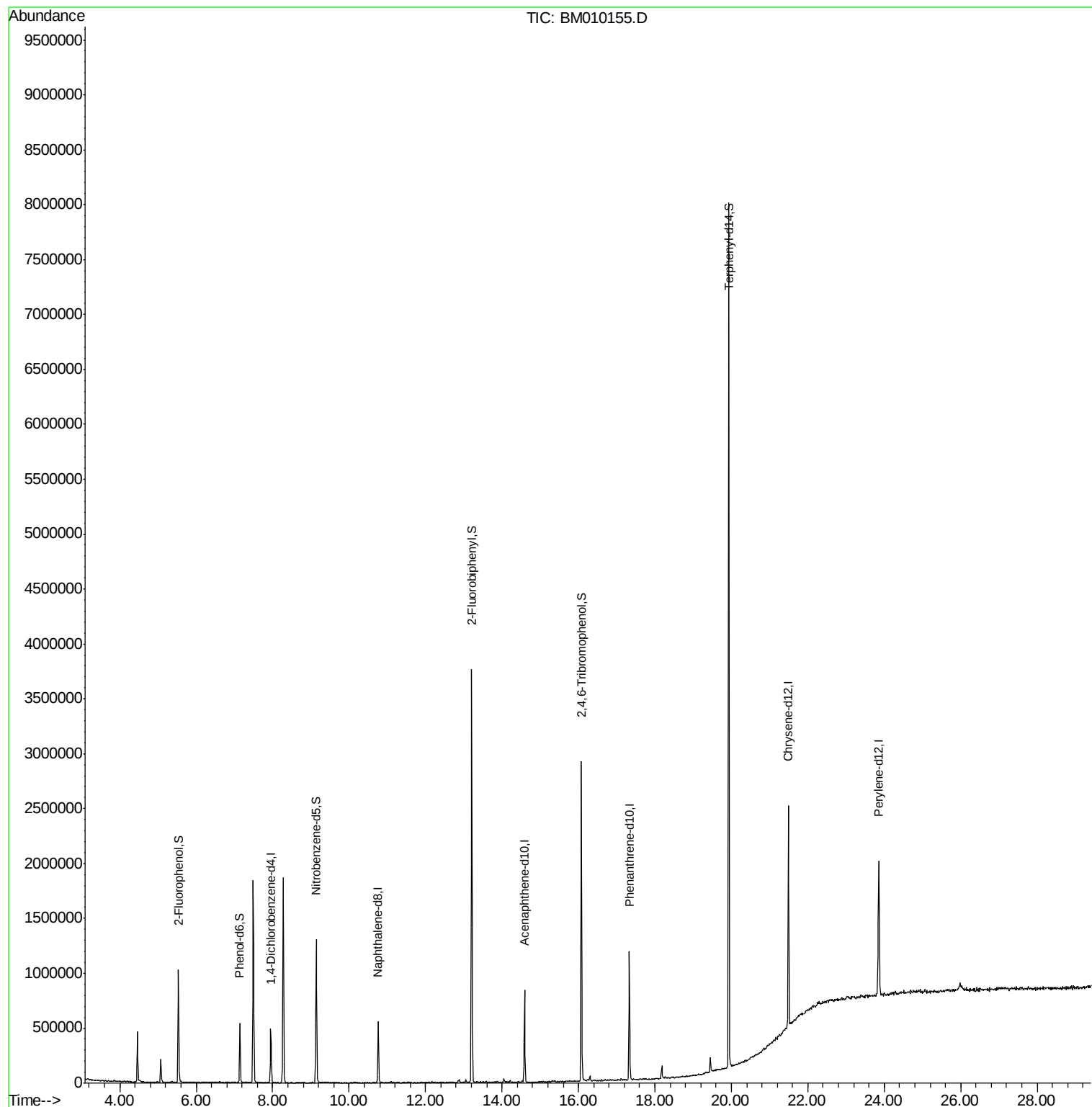
Target Compounds	Qvalue
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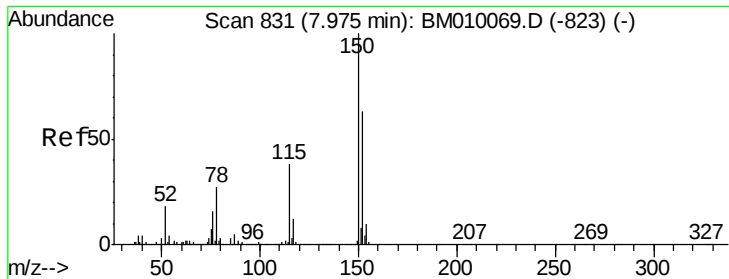
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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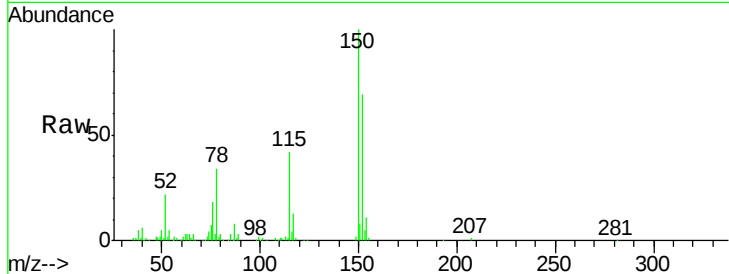


#1

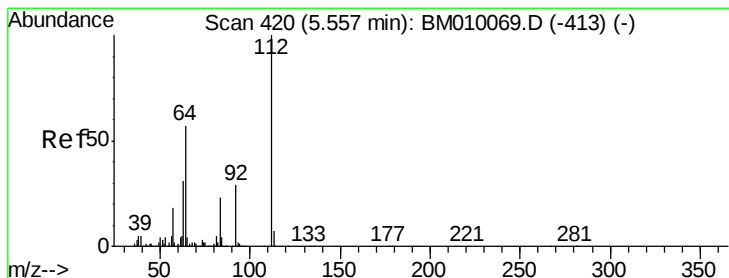
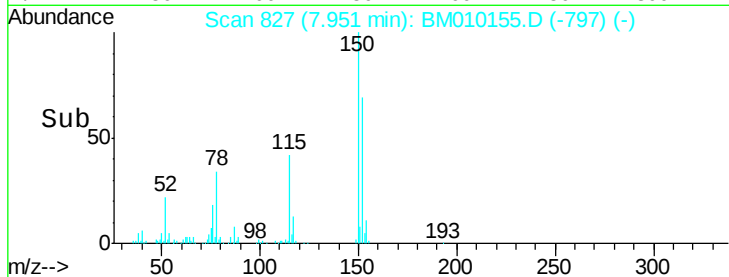
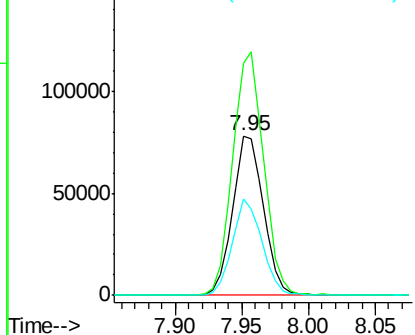
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Instrument :
 BNA_M
 ClientSampleId :
 GMW-X

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.9	119.5	179.3
115	60.9	43.0	64.4



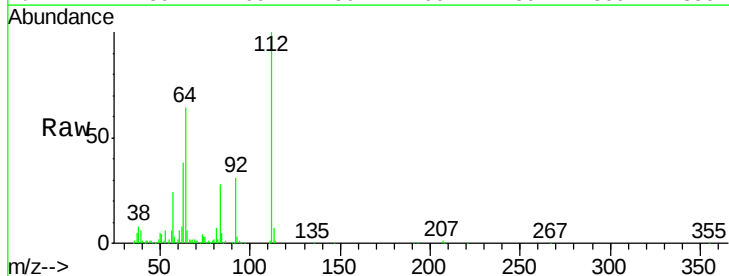
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



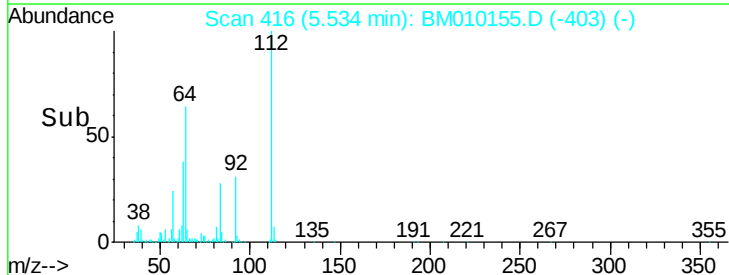
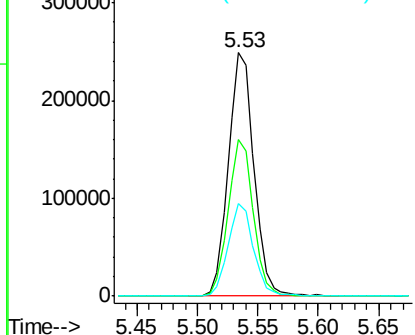
#5

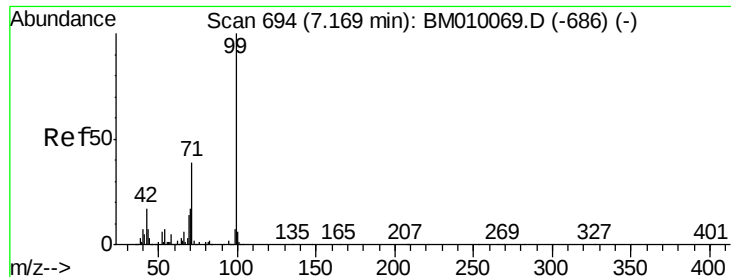
2-Fluorophenol
 Concen: 53.16 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	38.6	57.8#
63	38.0	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: 29.49 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010155.D

Acq: 23 May 2017 23:35

Instrument :

BNA_M

ClientSampleId :

GMW-X

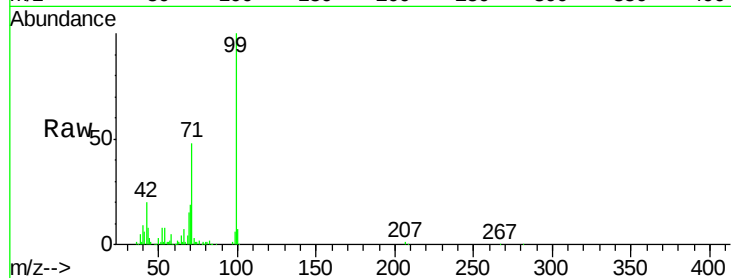
Tgt Ion: 99 Resp: 263056

Ion Ratio Lower Upper

99 100

42 20.4 11.0 16.4#

71 48.1 23.4 35.2#

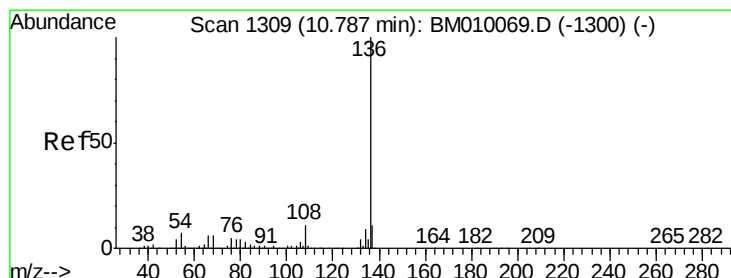
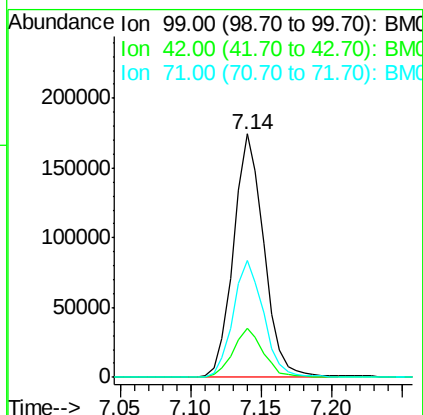
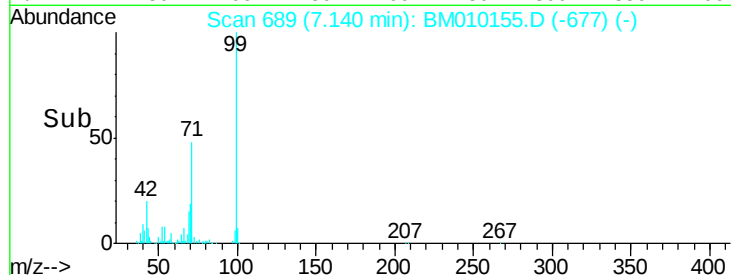


Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010155.D

Acq: 23 May 2017 23:35

Tgt Ion: 136 Resp: 423417

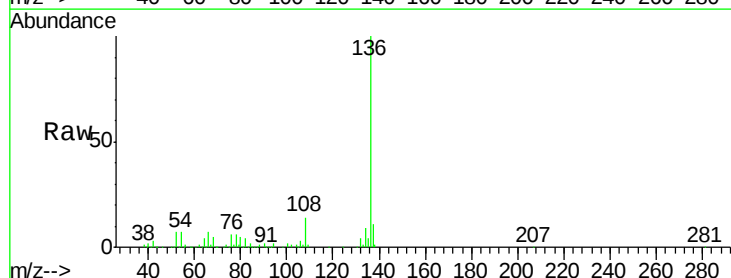
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 4.6 6.8#

68 5.4 3.7 5.5



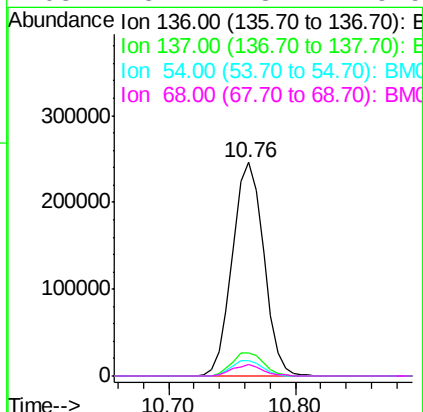
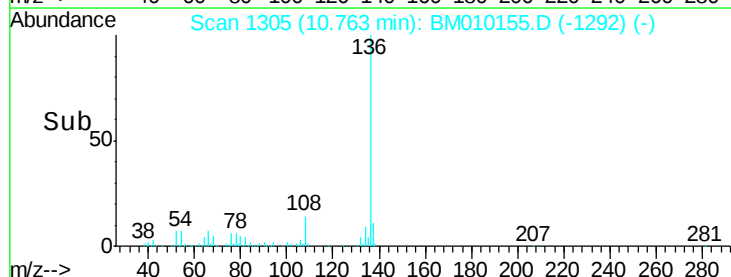
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

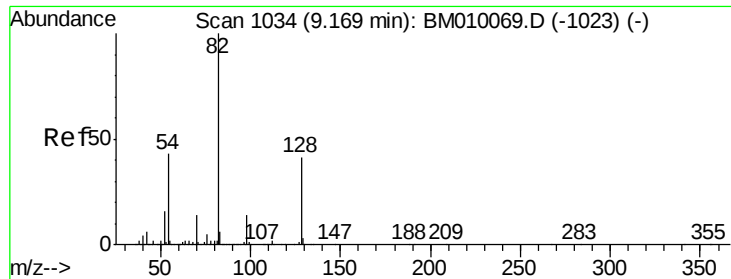
Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

Time-->

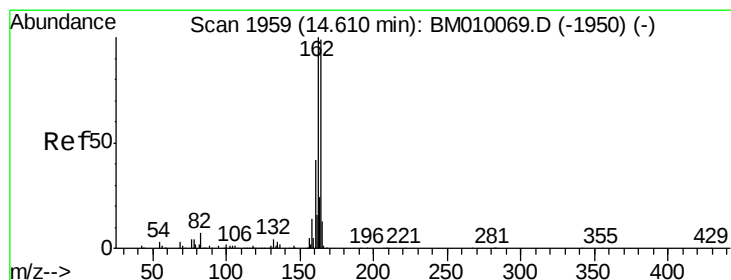
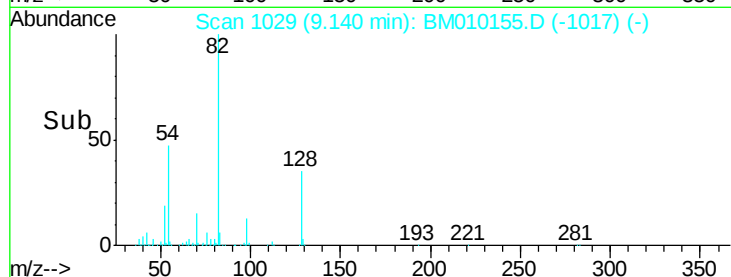
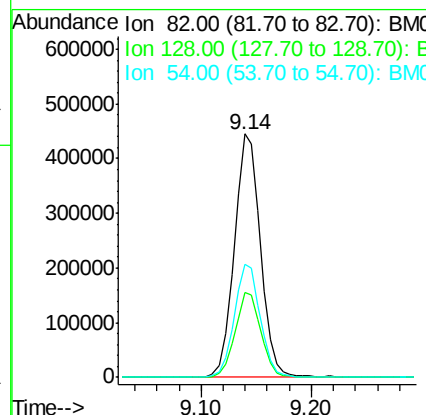
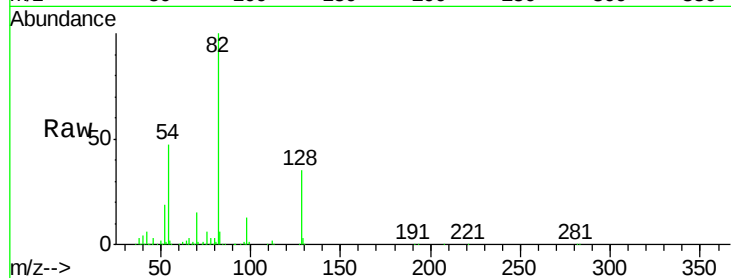




#23
 Nitrobenzene-d5
 Concen: 94.07 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

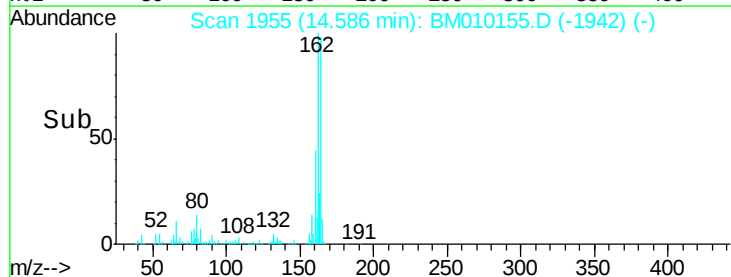
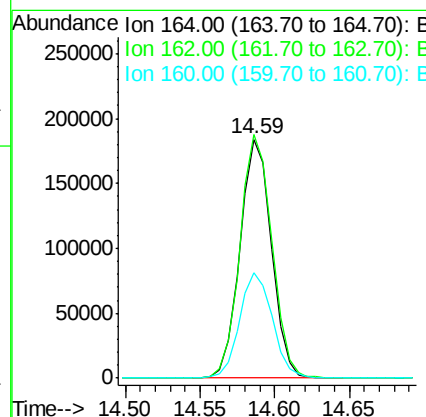
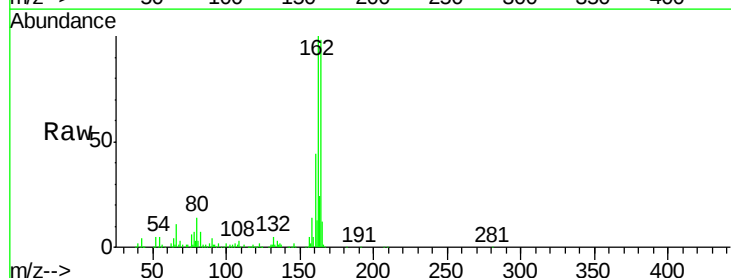
Instrument :
 BNA_M
 ClientSampleId :
 GMW-X

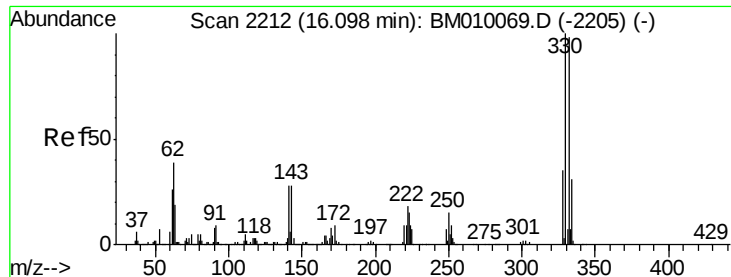
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	32.8	49.2
54	46.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	44.4	35.8	53.6

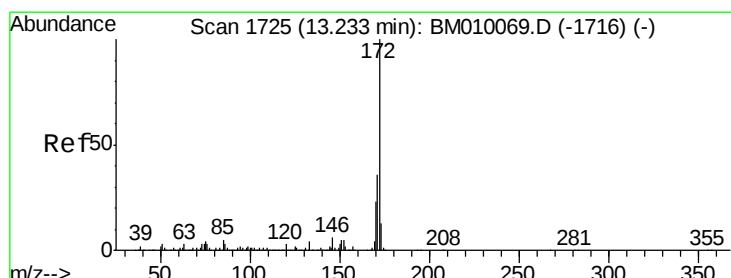
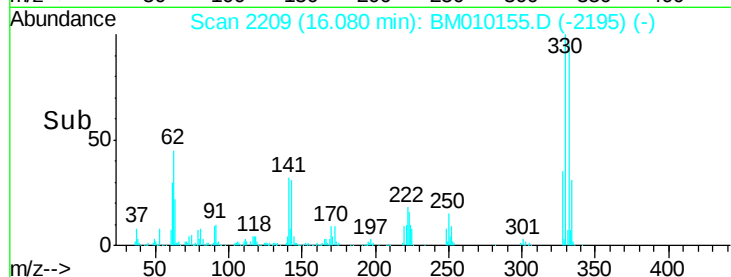
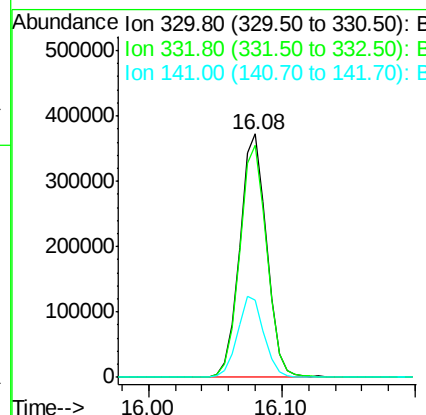
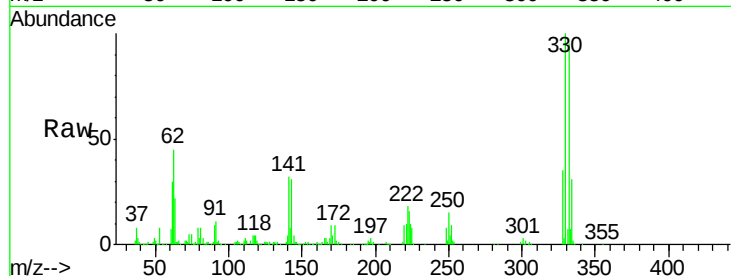




#41
 2,4,6-Tribromophenol
 Concen: 126.94 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

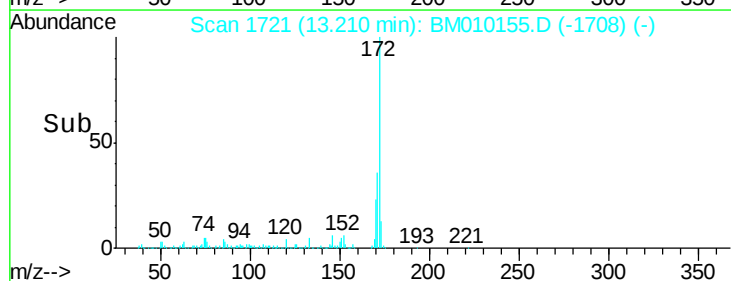
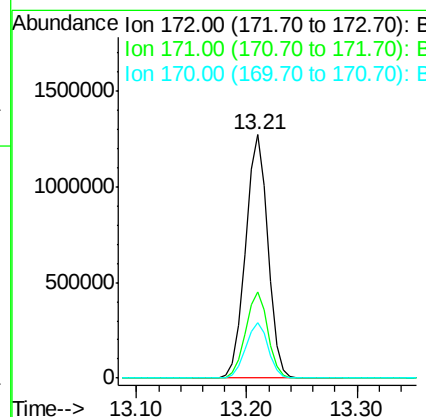
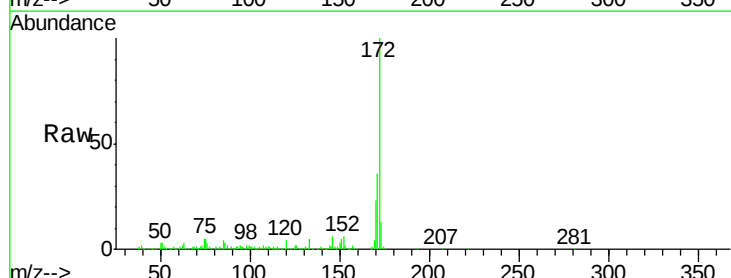
Instrument :
 BNA_M
 ClientSampleId :
 GMW-X

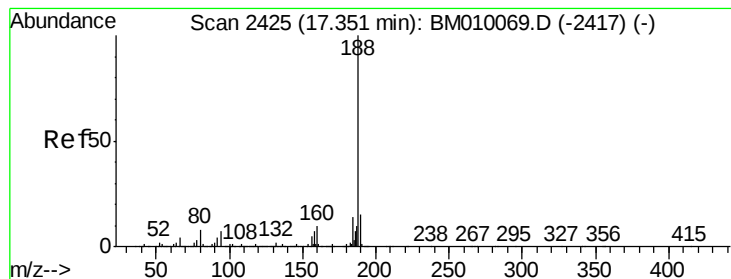
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	33.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.27 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.7	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010155.D

Acq: 23 May 2017 23:35

Instrument :

BNA_M

ClientSampleId :

GMW-X

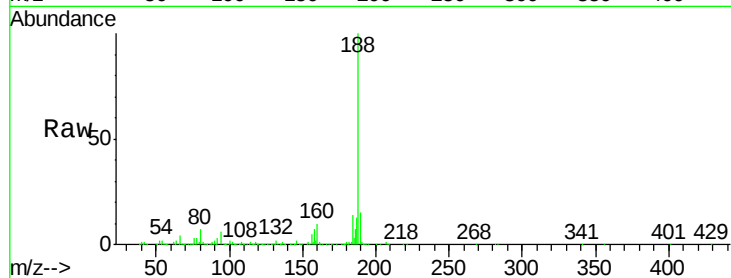
Tgt Ion:188 Resp: 657264

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

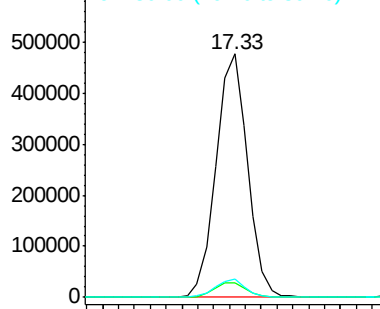
80 7.3 9.3 13.9#



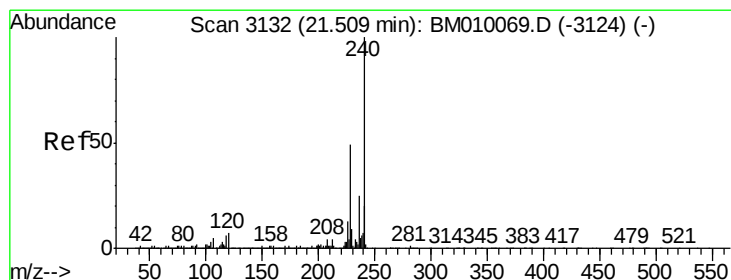
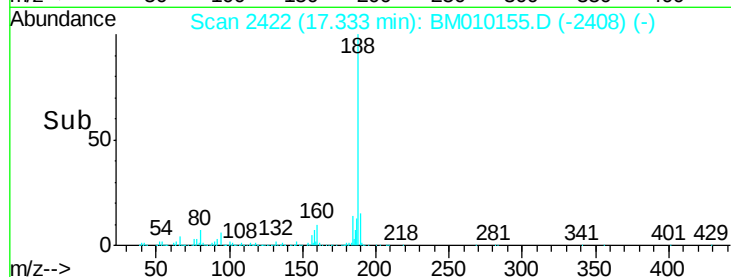
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.25 17.30 17.35 17.40



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010155.D

Acq: 23 May 2017 23:35

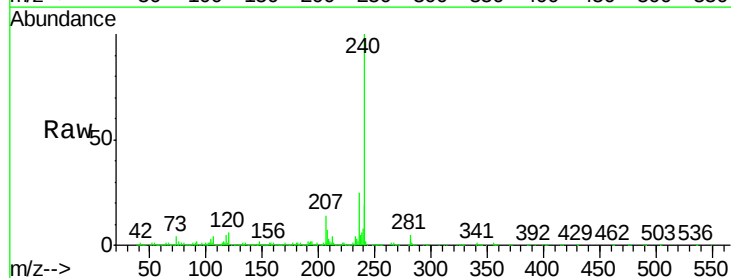
Tgt Ion:240 Resp: 991145

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

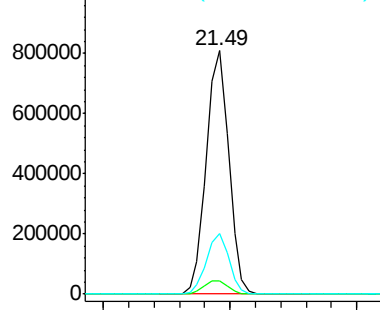
236 25.1 20.0 30.0



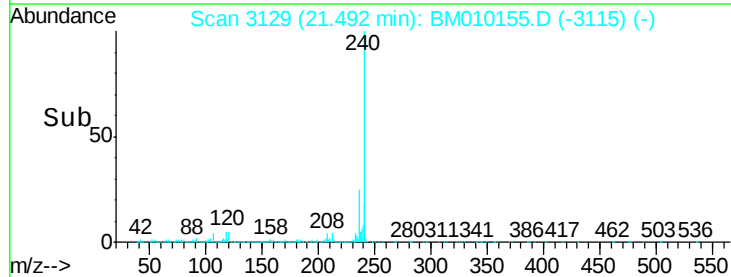
Abundance Ion 240.00 (239.70 to 240.70): E

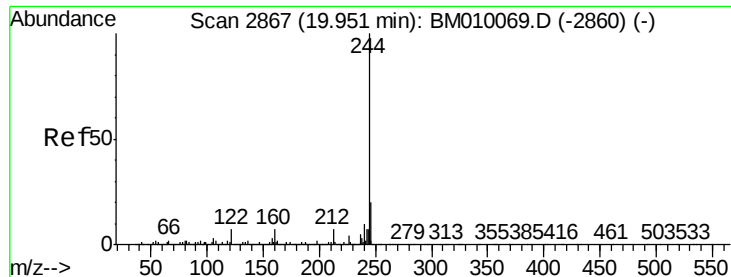
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50 21.60

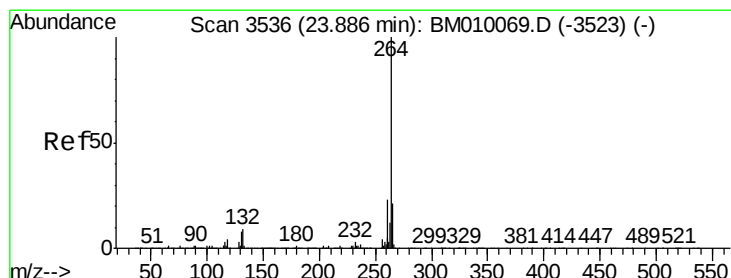
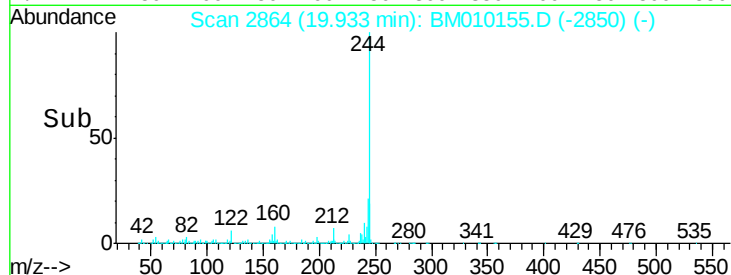
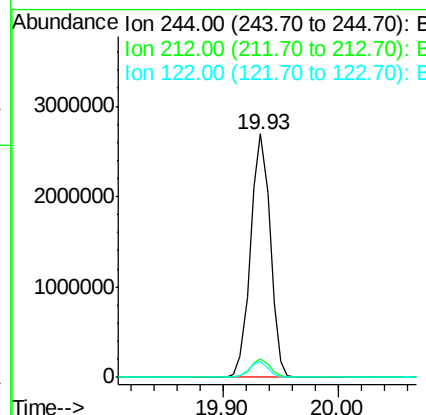
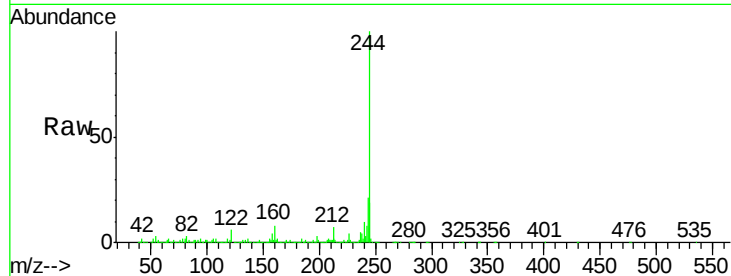




#78
 Terphenyl-d14
 Concen: 73.23 ng
 RT: 19.93 min Scan# 2864
 Delta R.T. -0.02 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Instrument :
 BNA_M
 ClientSampleId :
 GMW-X

Tgt Ion:244 Resp: 3192010
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.9 7.3#
 122 6.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.85 min Scan# 3530
 Delta R.T. -0.04 min
 Lab File: BM010155.D
 Acq: 23 May 2017 23:35

Tgt Ion:264 Resp: 973457
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 22.1 17.3 25.9

