

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010144.D
 Acq On : 23 May 2017 16:29
 Operator : SJ/MA
 Sample : I3241-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-FB01

Quant Time: May 23 19:18:41 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	7.96	152	119008	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	400178	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	256716	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	675159	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1036641	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1170071	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	431679	65.50	ng	-0.02
7) Phenol-d6	7.14	99	302670	35.69	ng	-0.03
23) Nitrobenzene-d5	9.15	82	884935	119.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	666906	171.05	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2256388	112.99	ng	-0.02
78) Terphenyl-d14	19.93	244	4493797	98.57	ng	-0.02

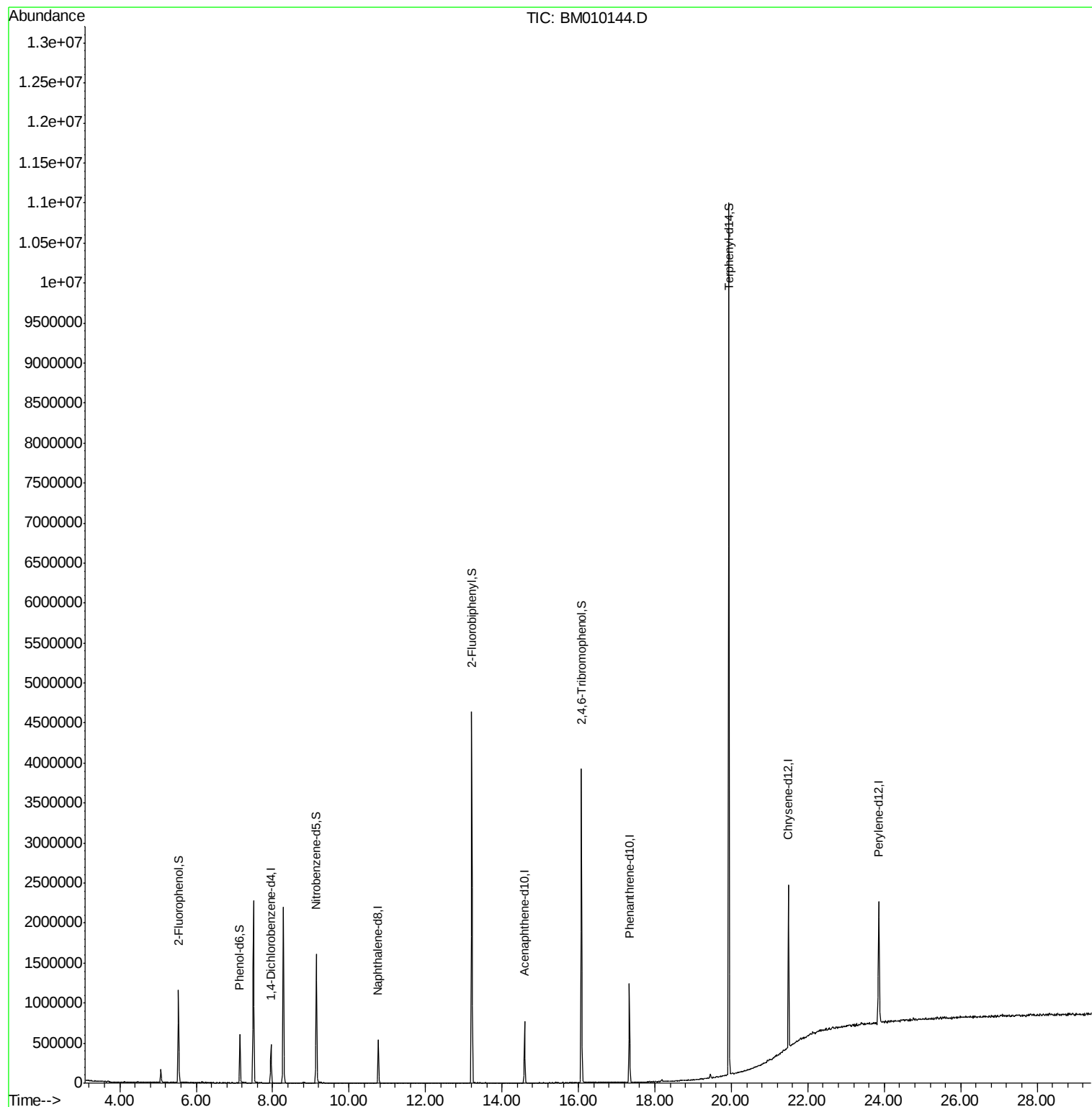
Target Compounds	Qvalue
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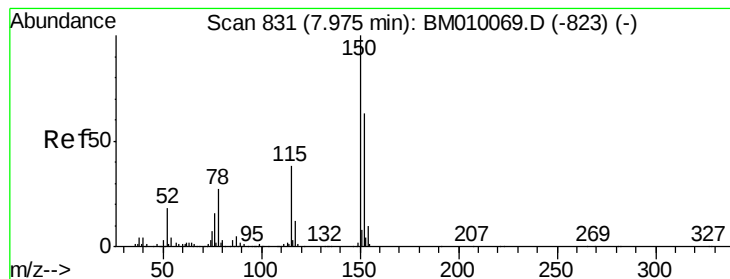
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.02 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

Instrument :

BNA_M

ClientSampleId :

EP1-FB01

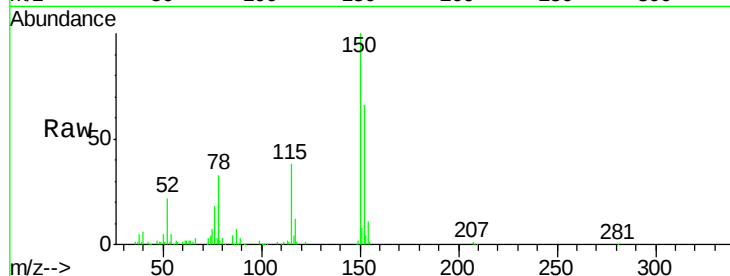
Tgt Ion:152 Resp: 119008

Ion Ratio Lower Upper

152 100

150 152.3 119.5 179.3

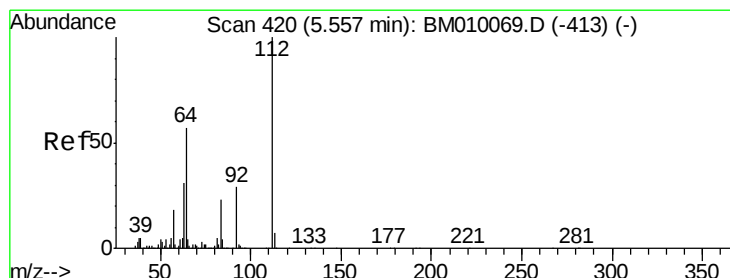
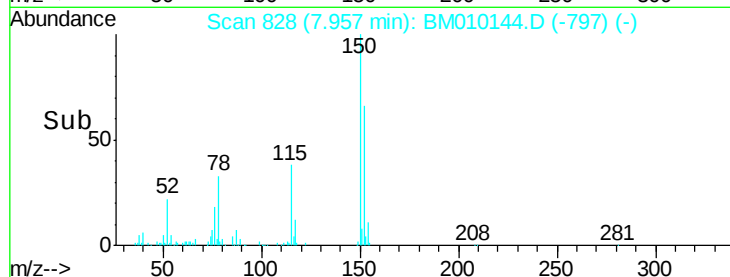
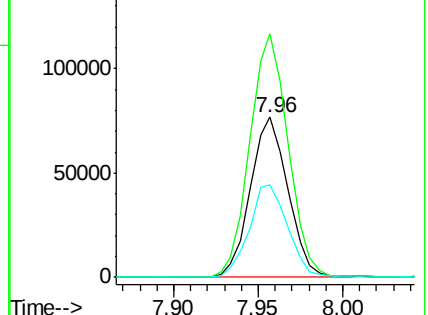
115 57.7 43.0 64.4



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: 65.50 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

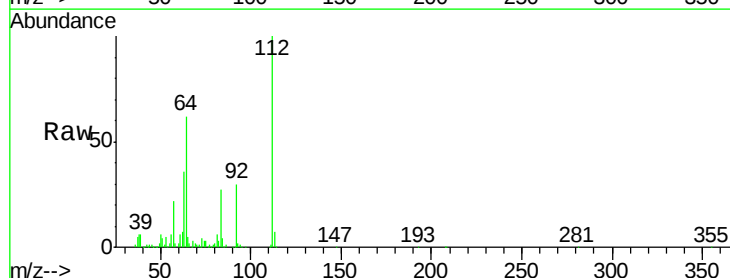
Tgt Ion:112 Resp: 431679

Ion Ratio Lower Upper

112 100

64 62.2 38.6 57.8#

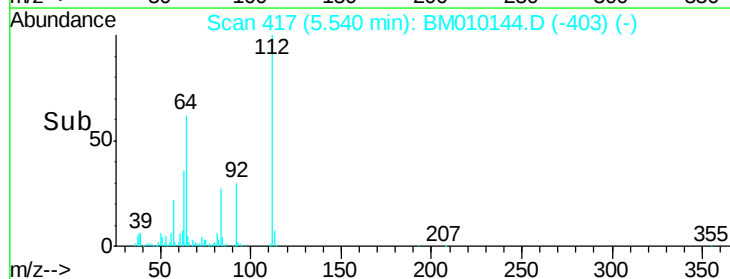
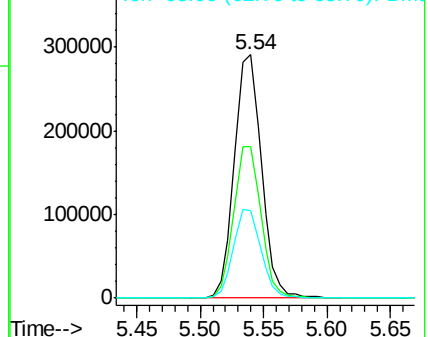
63 35.7 19.3 28.9#

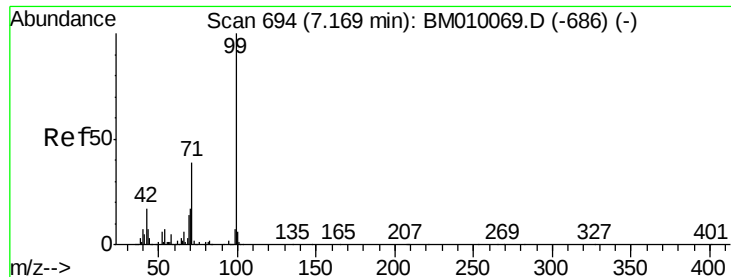


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 35.69 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

Instrument :

BNA_M

ClientSampleId :

EP1-FB01

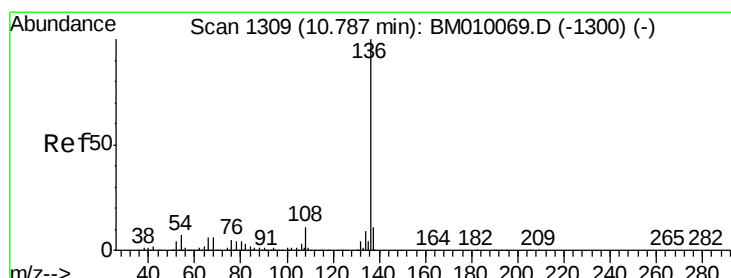
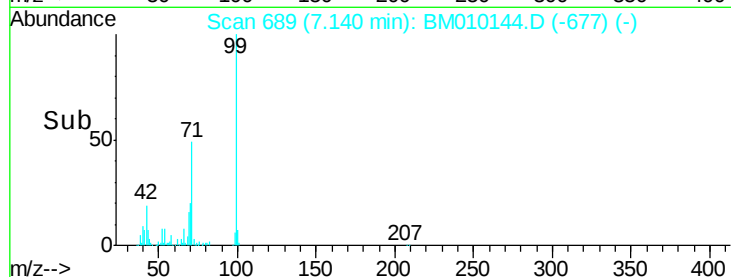
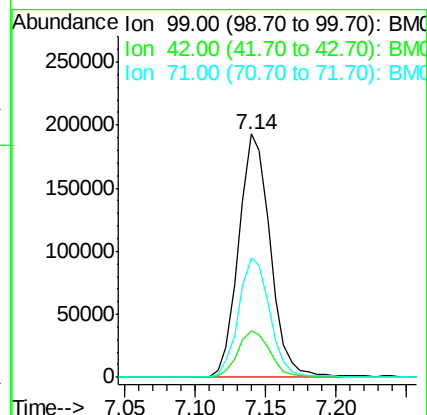
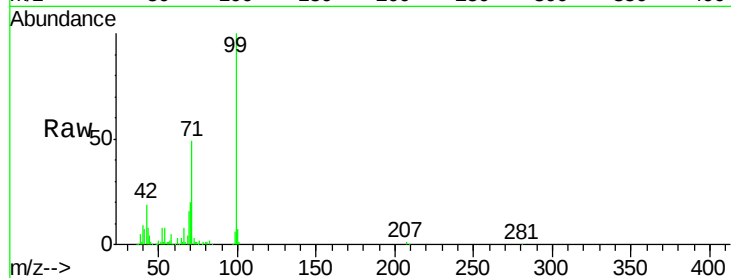
Tgt Ion: 99 Resp: 302670

Ion Ratio Lower Upper

99 100

42 19.3 11.0 16.4#

71 49.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

Tgt Ion: 136 Resp: 400178

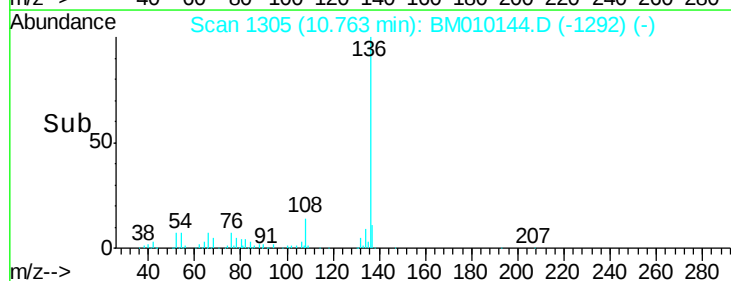
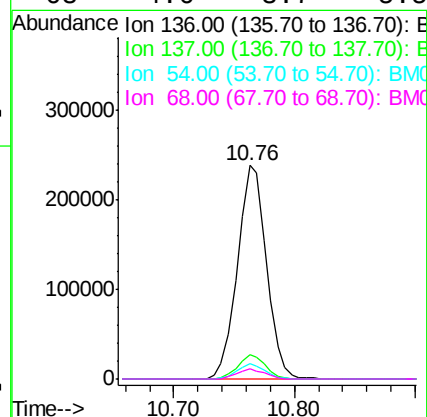
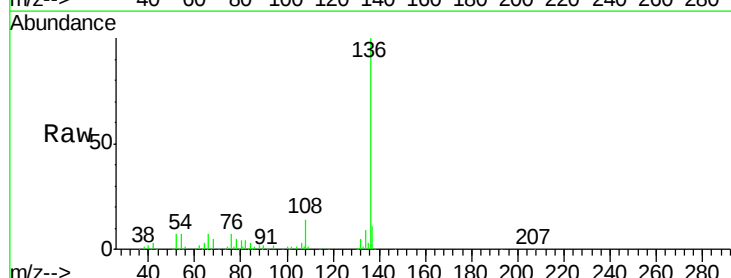
Ion Ratio Lower Upper

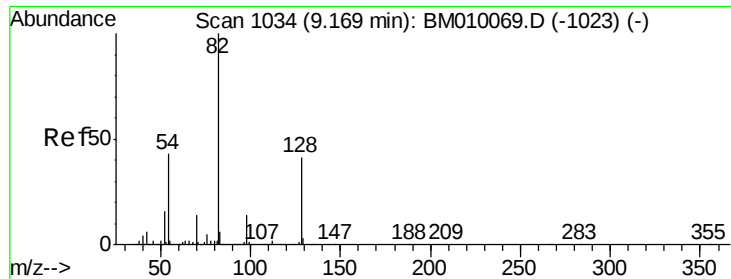
136 100

137 11.4 8.7 13.1

54 7.2 4.6 6.8#

68 4.6 3.7 5.5

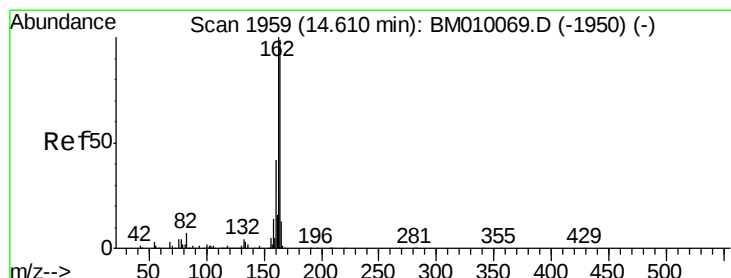
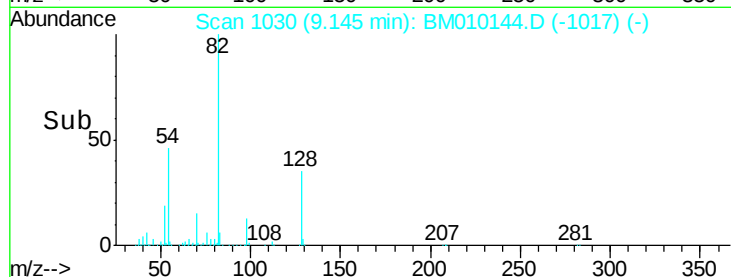
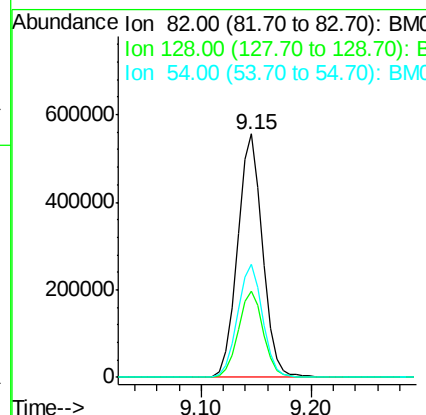
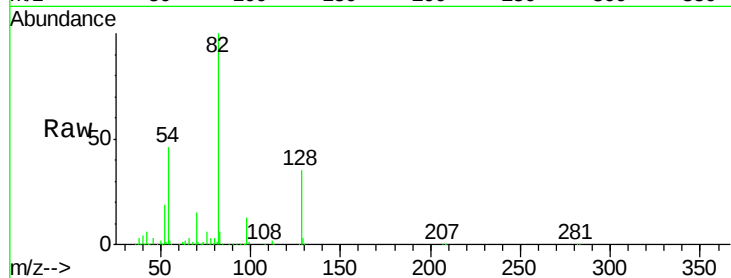




#23
 Nitrobenzene-d5
 Concen: 119.31 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010144.D
 Acq: 23 May 2017 16:29

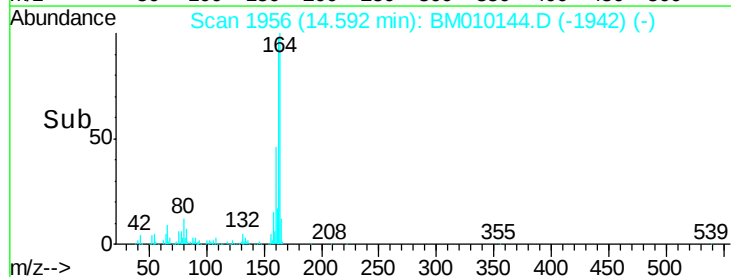
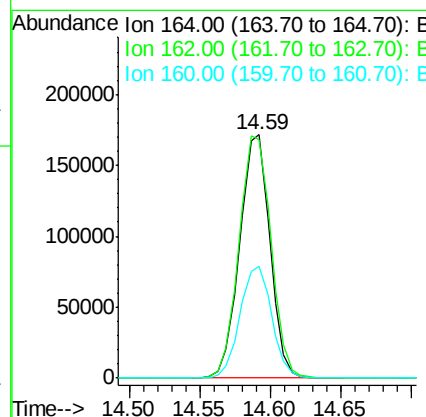
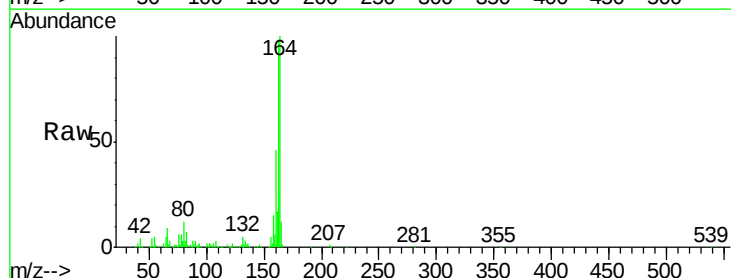
Instrument :
 BNA_M
 ClientSampleId :
 EP1-FB01

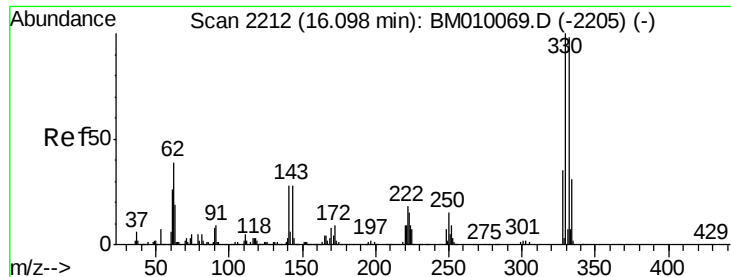
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	46.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010144.D
 Acq: 23 May 2017 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.4	123.6
160	46.1	35.8	53.6

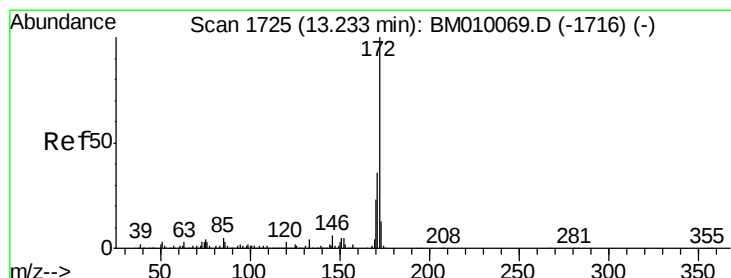
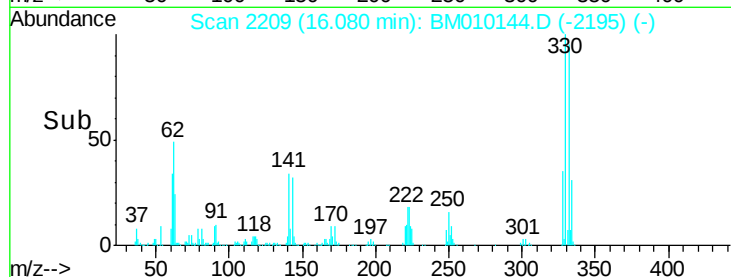
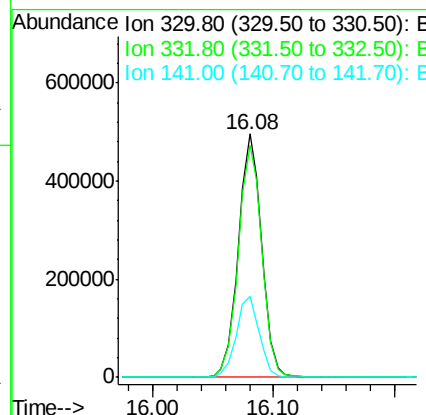
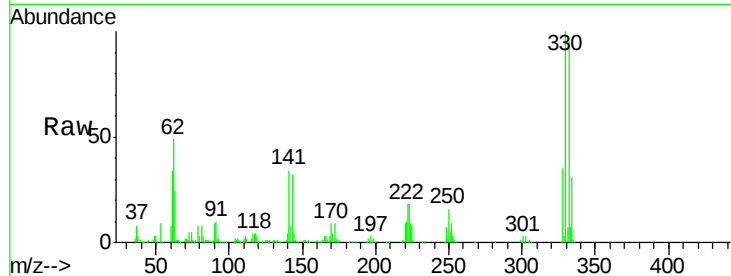




#41
 2,4,6-Tribromophenol
 Concen: 171.05 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010144.D
 Acq: 23 May 2017 16:29

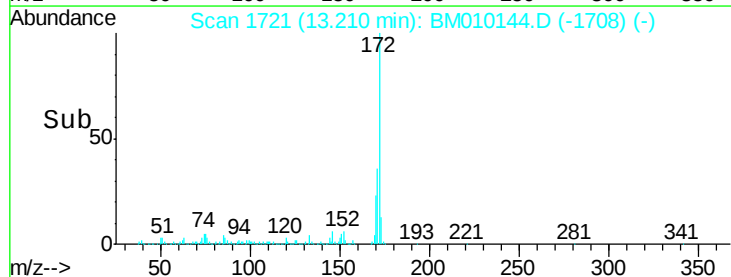
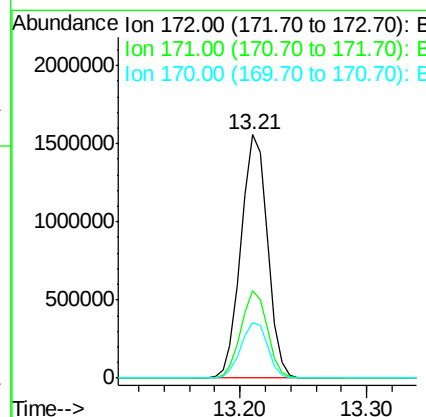
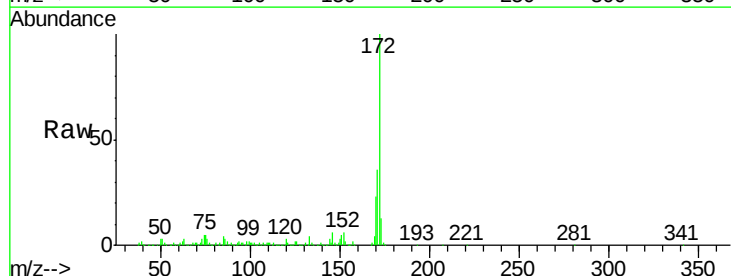
Instrument :
 BNA_M
 ClientSampleId :
 EP1-FB01

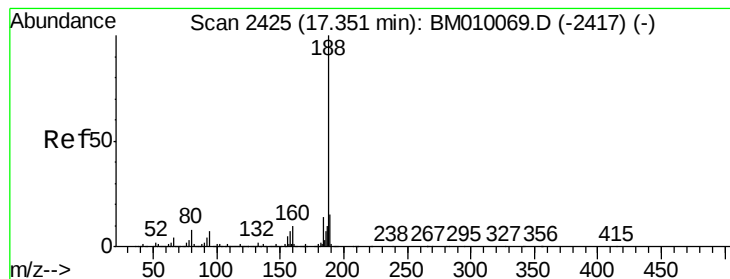
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 112.99 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010144.D
 Acq: 23 May 2017 16:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.0	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: BM010144.D

Acq: 23 May 2017 16:29

Instrument :

BNA_M

ClientSampleId :

EP1-FB01

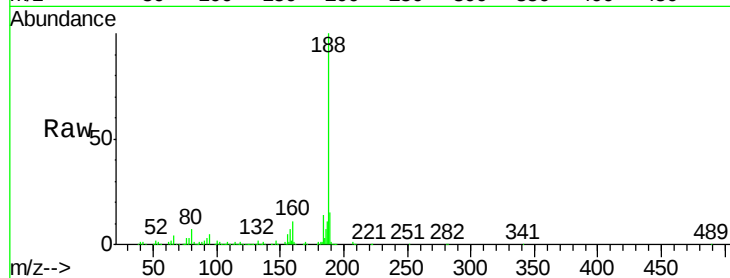
Tgt Ion:188 Resp: 675159

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

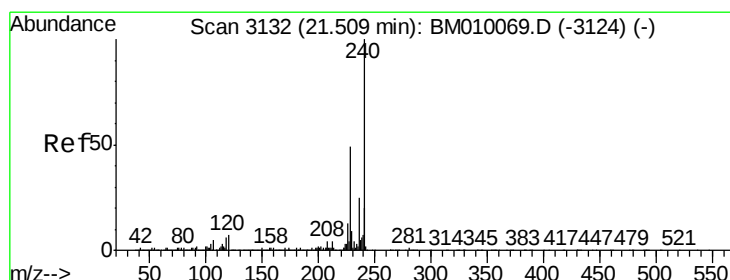
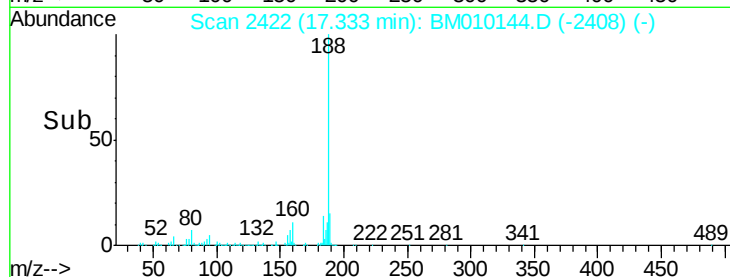
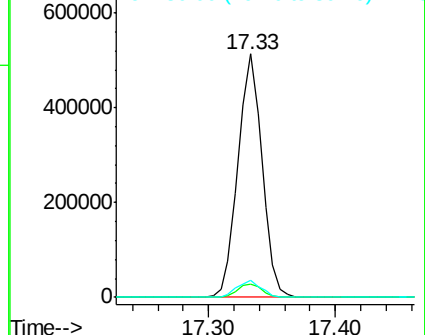
80 6.9 9.3 13.9#



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: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

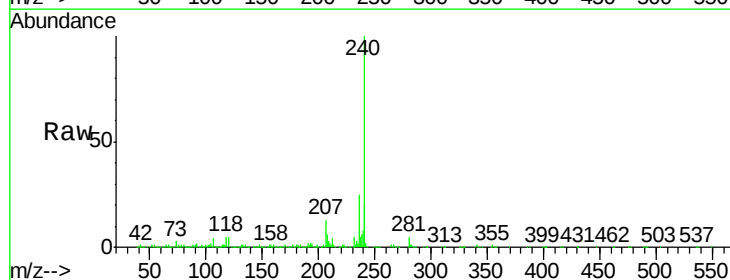
Tgt Ion:240 Resp: 1036641

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

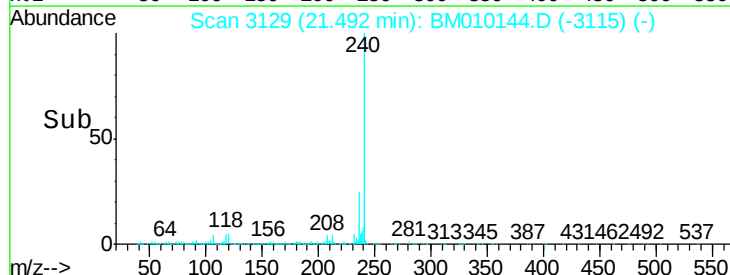
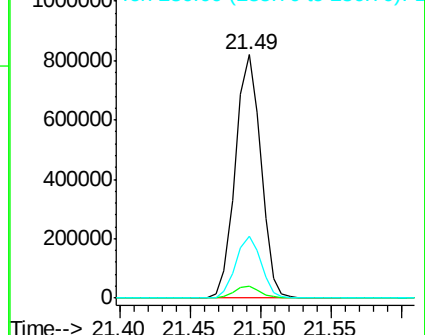
236 25.4 20.0 30.0

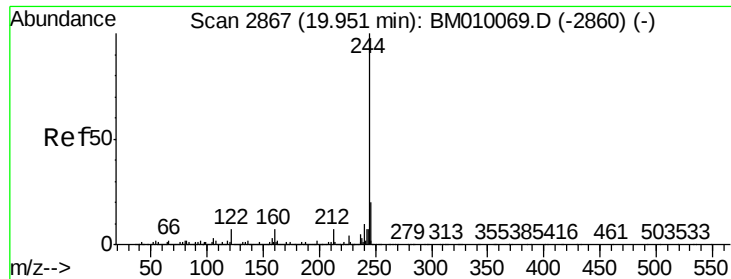


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.57 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

Instrument :

BNA_M

ClientSampleId :

EP1-FB01

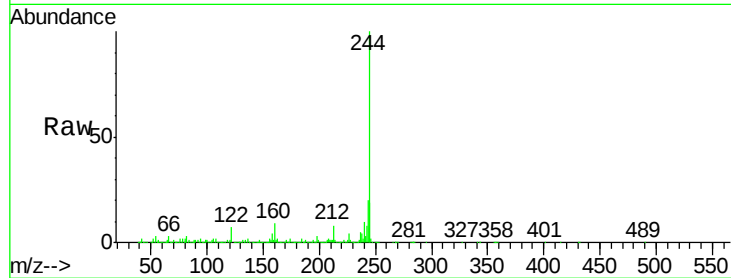
Tgt Ion:244 Resp: 4493797

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

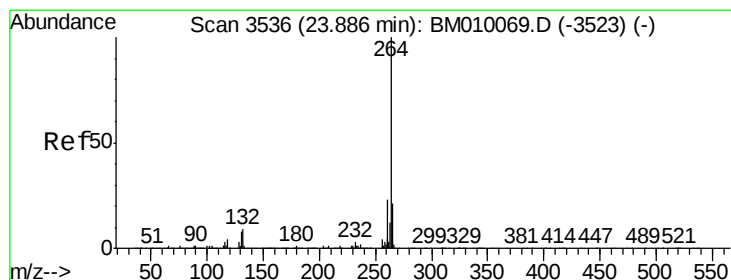
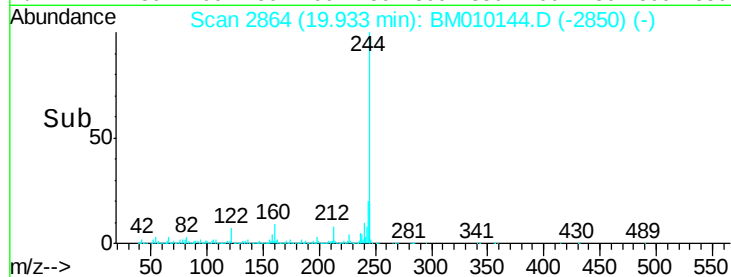
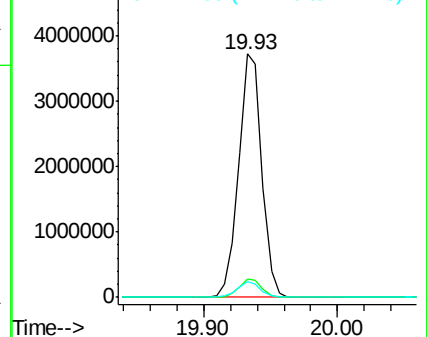
122 6.6 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010144.D

Acq: 23 May 2017 16:29

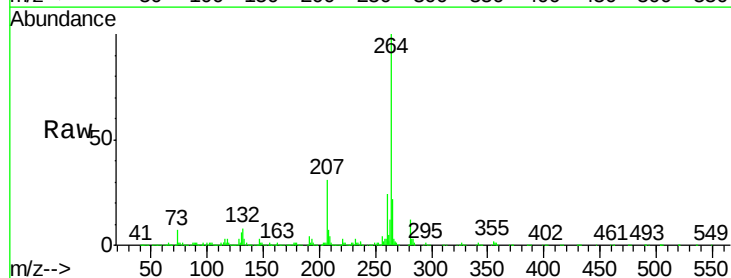
Tgt Ion:264 Resp: 1170071

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.5 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

