

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010209.D
 Acq On : 25 May 2017 09:37
 Operator : SJ/MA
 Sample : I3214-21RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(0-10)RE

Quant Time: May 25 13:34:13 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	136647	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	438457	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	121896	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	474728	20.00	ng	-0.02
75) Chrysene-d12	21.48	240	212532	20.00	ng	-0.03
86) Perylene-d12	23.87	264	807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1034032	136.65	ng	-0.03
7) Phenol-d6	7.13	99	721139	74.06	ng	-0.04
23) Nitrobenzene-d5	9.13	82	917048	112.84	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	603693	326.08	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	2221492	234.29	ng	-0.04
78) Terphenyl-d14	19.93	244	2482325	265.58	ng	-0.02

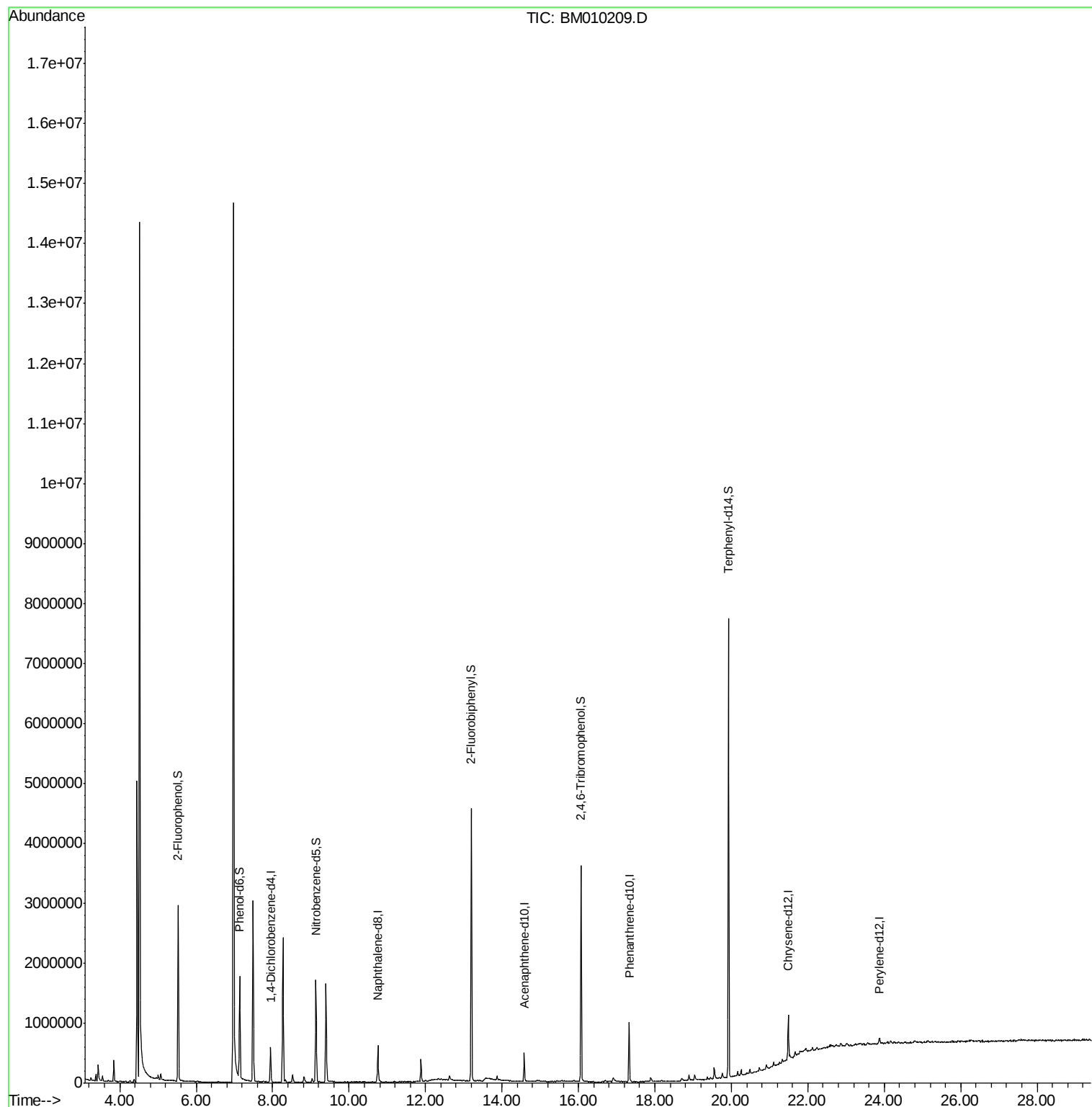
Target Compounds Qvalue

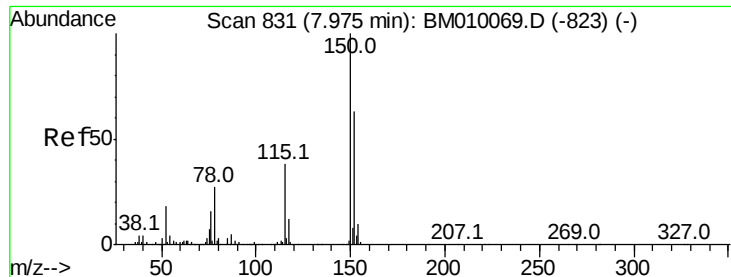
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010209.D
Acq On : 25 May 2017 09:37
Operator : SJ/MA
Sample : I3214-21RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP2-WC5(0-10)RE

Quant Time: May 25 13:34:13 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



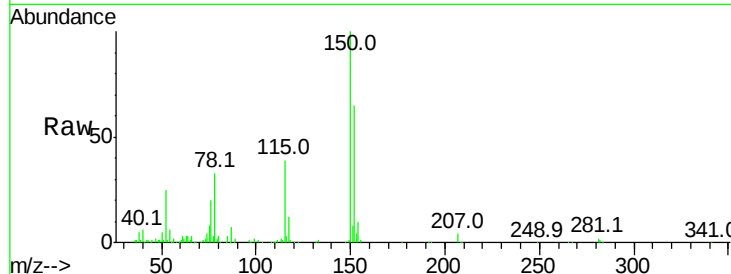


#1

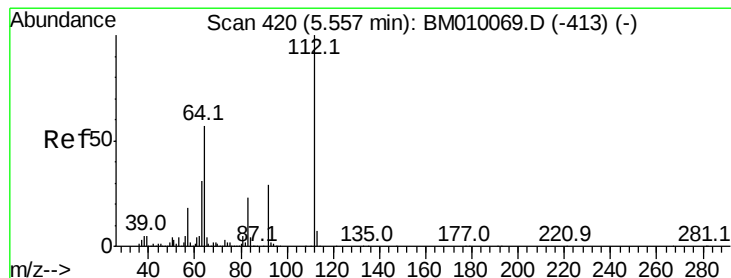
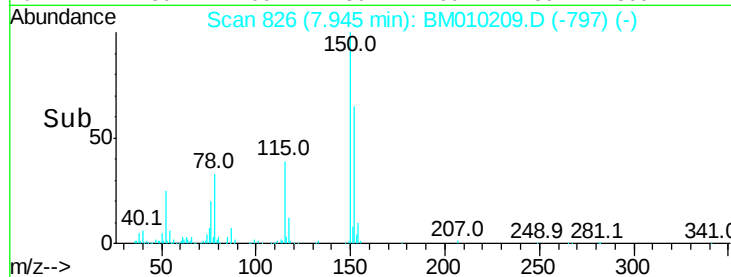
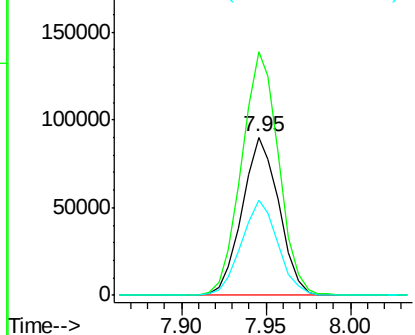
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010209.D
Acq: 25 May 2017 09:37

Instrument :
BNA_M
ClientSampleId :
EP2-WC5(0-10)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	60.0	43.0	64.4



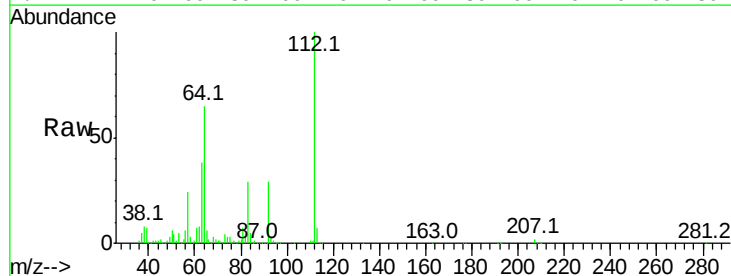
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



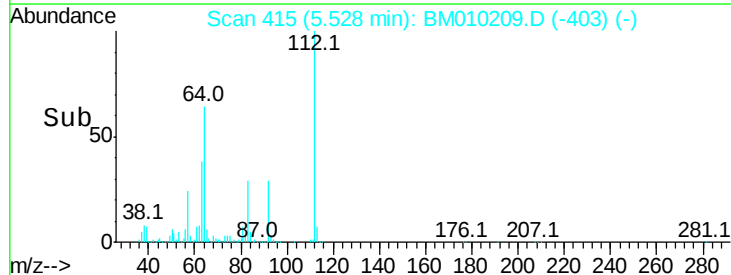
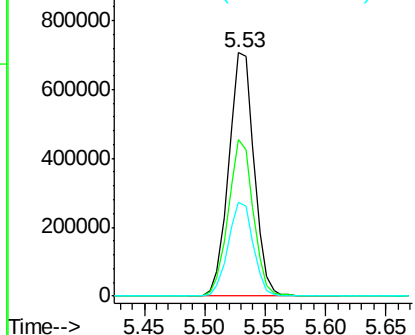
#5

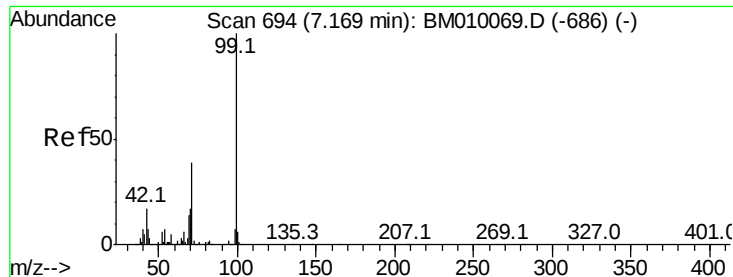
2-Fluorophenol
Concen: 136.65 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010209.D
Acq: 25 May 2017 09:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	38.6	57.8#
63	38.4	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: 74.06 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)RE

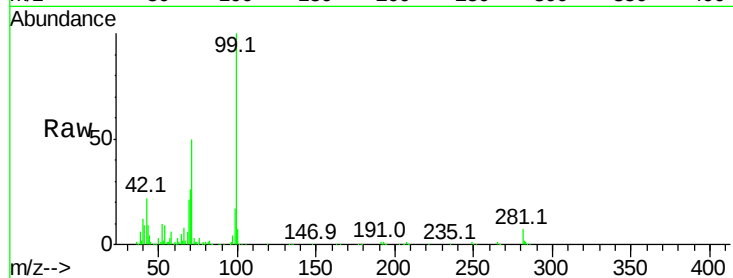
Tot Ion: 99 Resp: 721139

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

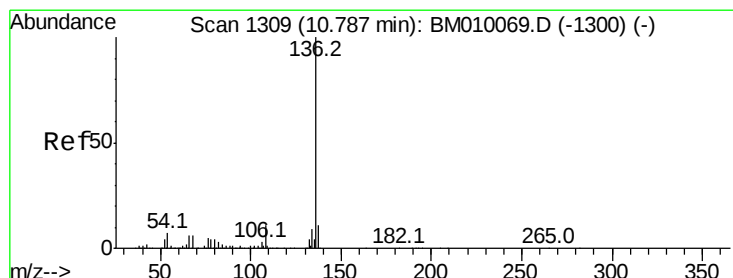
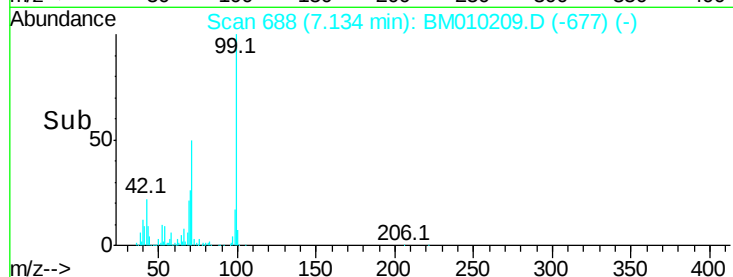
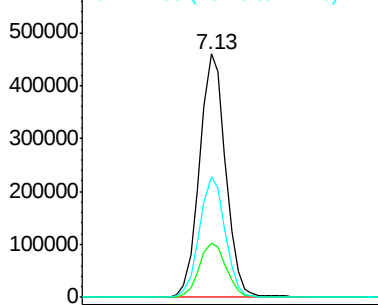
71 49.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010209.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010209.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010209.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Tgt Ion: 136 Resp: 438457

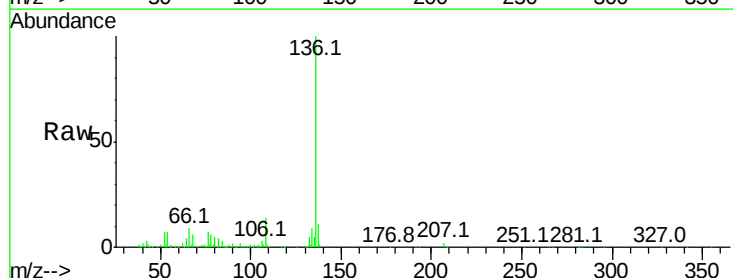
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 4.6 6.8#

68 5.8 3.7 5.5#

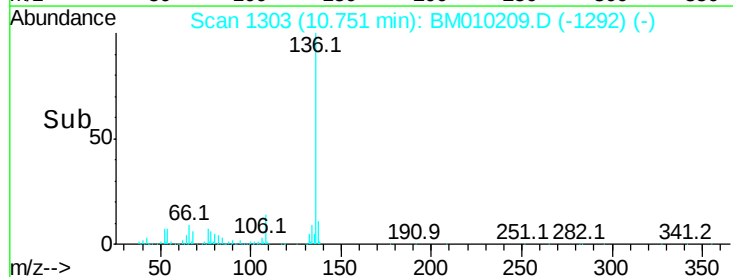
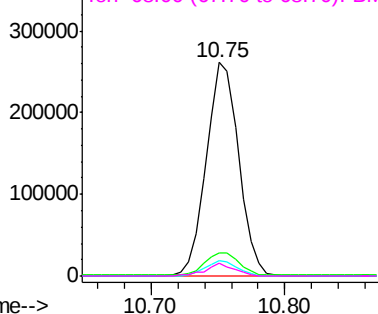


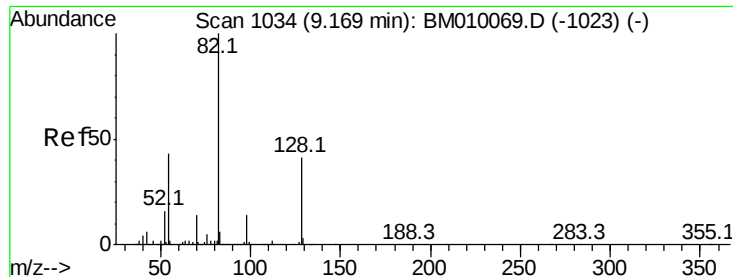
Abundance Ion 136.00 (135.70 to 136.70): BM010209.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010209.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010209.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010209.D (-1292) (-)

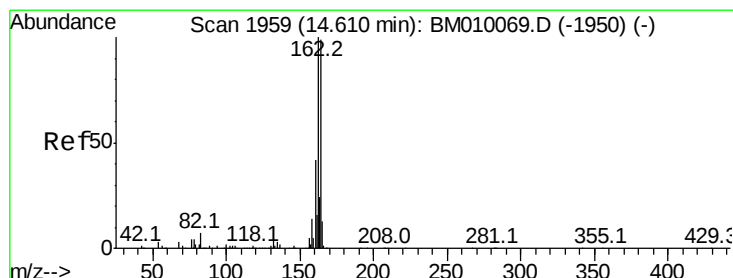
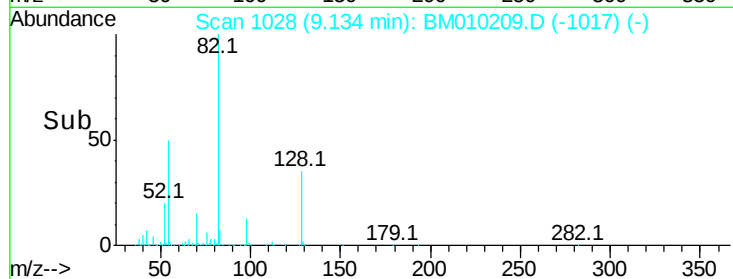
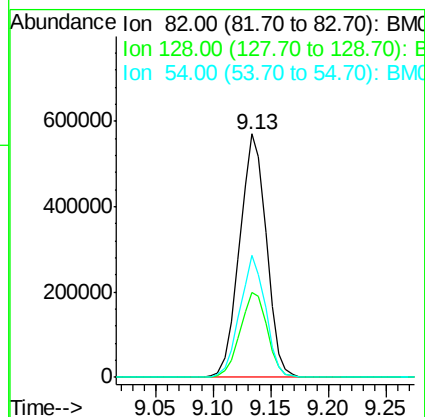
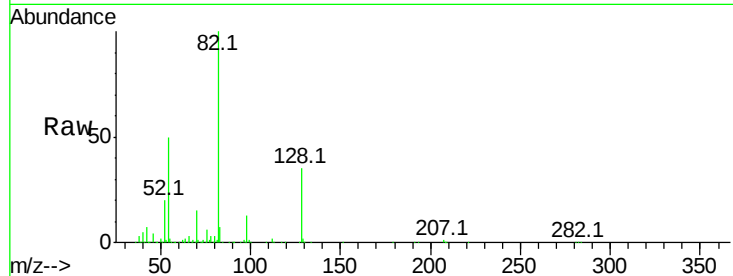




#23
 Nitrobenzene-d5
 Concen: 112.84 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010209.D
 Acq: 25 May 2017 09:37

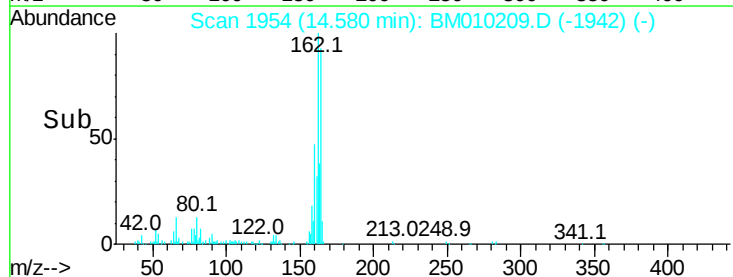
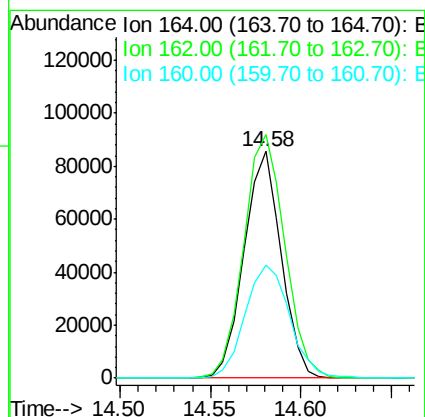
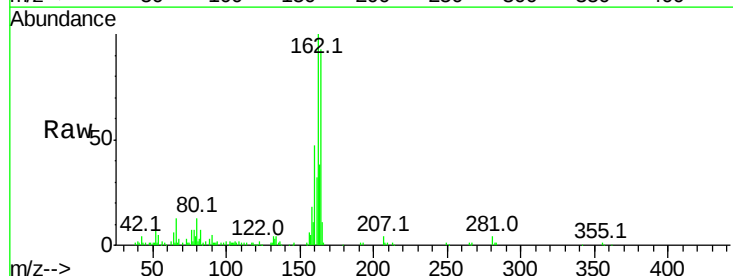
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(0-10)RE

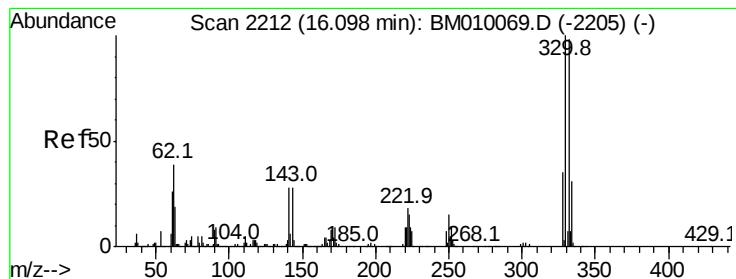
Tot Ion	82	Resp	917048
Ion Ratio	Lower	Upper	
82	100		
128	34.9	32.8	49.2
54	49.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010209.D
 Acq: 25 May 2017 09:37

Tgt Ion	164	Resp	121896
Ion Ratio	Lower	Upper	
164	100		
162	107.4	82.4	123.6
160	50.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 326.08 ng

RT: 16.07 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)RE

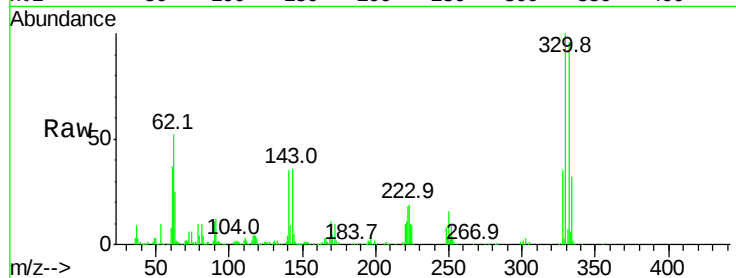
Tot Ion:330 Resp: 603693

Ion Ratio Lower Upper

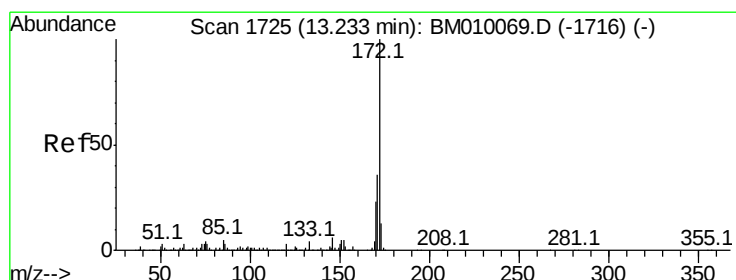
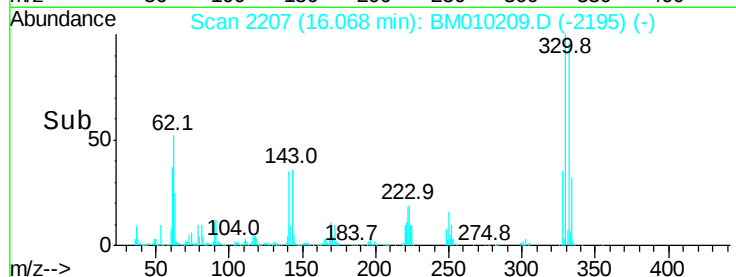
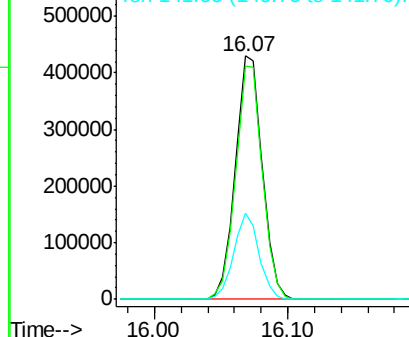
330 100

332 95.0 0.0 0.0#

141 33.6 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: 234.29 ng

RT: 13.20 min Scan# 1719

Delta R.T. -0.04 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

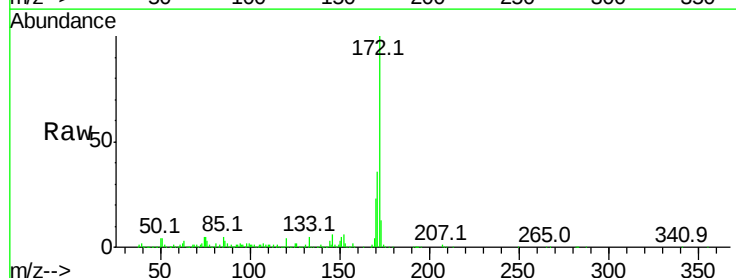
Tgt Ion:172 Resp: 2221492

Ion Ratio Lower Upper

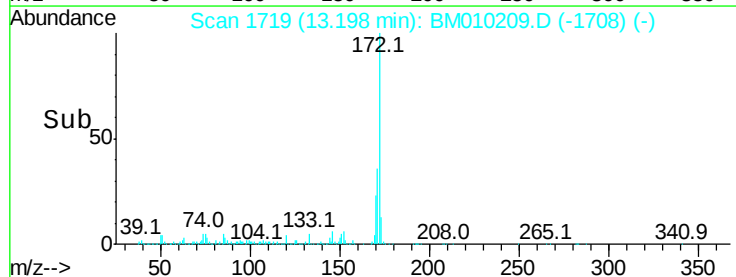
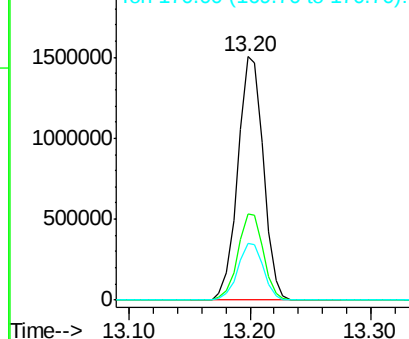
172 100

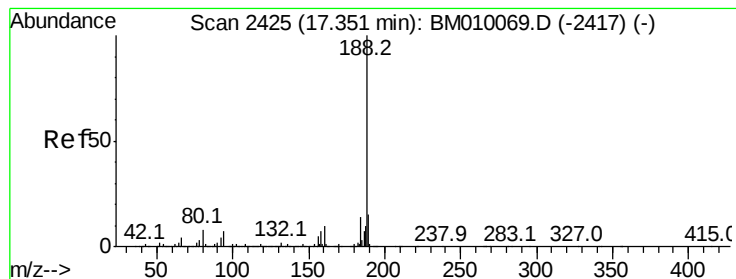
171 35.6 28.5 42.7

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: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)RE

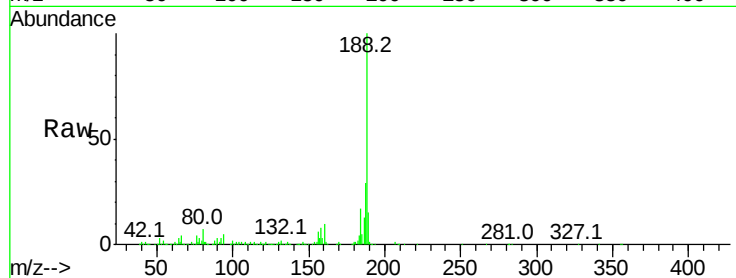
Tot Ion:188 Resp: 474728

Ion Ratio Lower Upper

188 100

94 5.0 8.7 13.1#

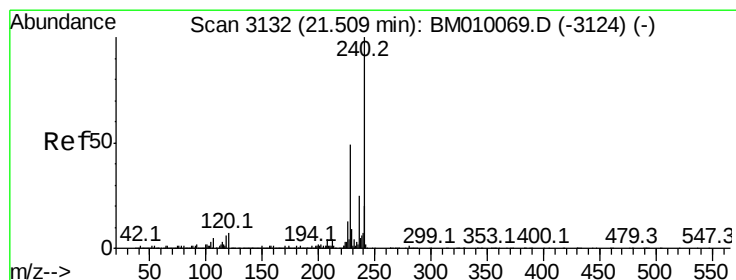
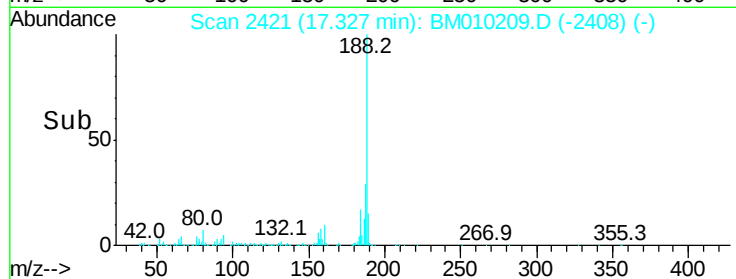
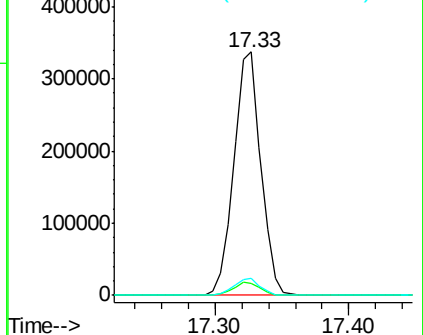
80 6.9 9.3 13.9#



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: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

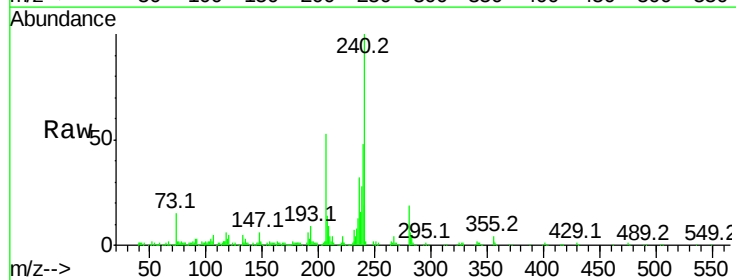
Tgt Ion:240 Resp: 212532

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

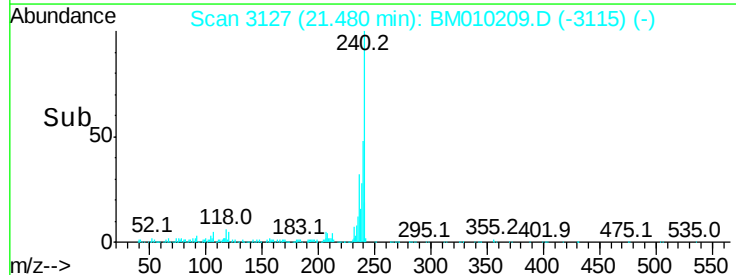
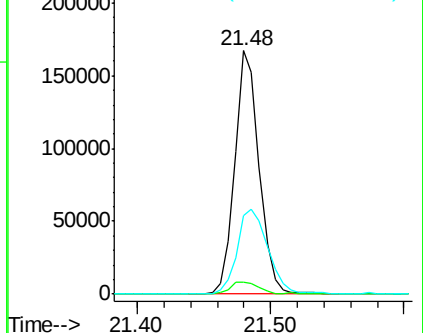
236 32.0 20.0 30.0#

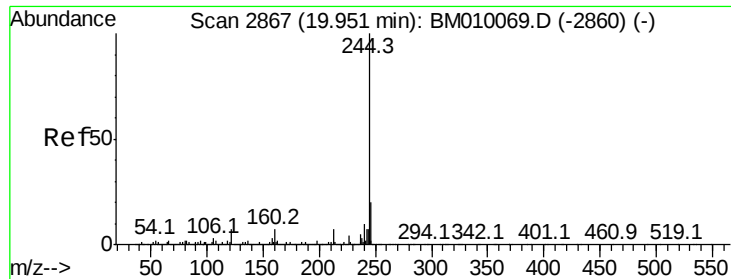


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 265.58 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)RE

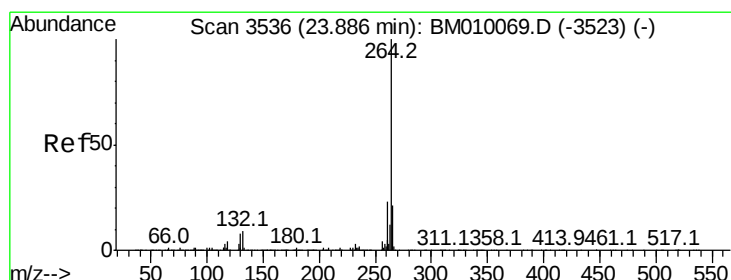
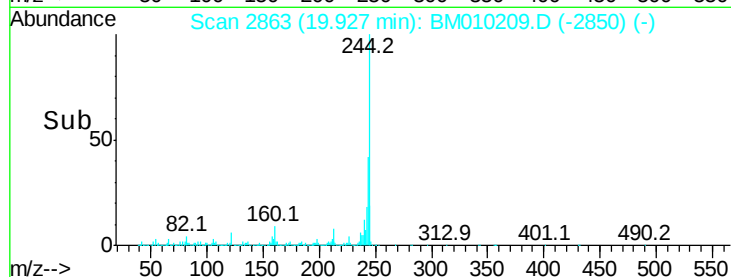
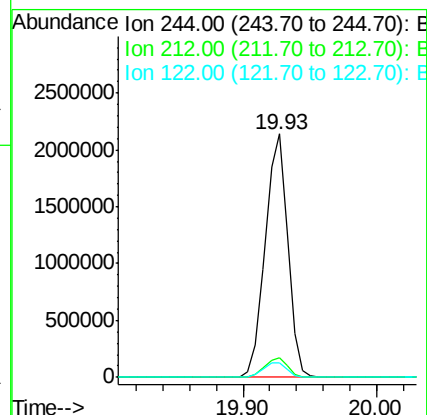
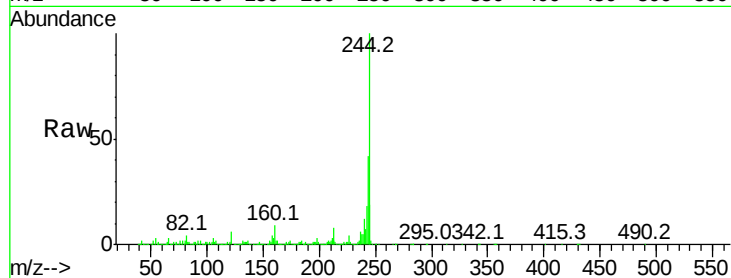
Tot Ion:244 Resp: 2482325

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

122 6.0 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.87 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BM010209.D

Acq: 25 May 2017 09:37

Tgt Ion:264 Resp: 807

Ion Ratio Lower Upper

264 100

260 916.5 18.6 27.8#

265 1046.9 17.3 25.9#

