

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010196.D
 Acq On : 25 May 2017 01:50
 Operator : SJ/MA
 Sample : I3214-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: May 25 07:23:49 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	124800	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	402149	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	133295	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	522418	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	432769	20.00	ng	-0.02
86) Perylene-d12	23.85	264	18168	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	936354	135.49	ng	-0.02
7) Phenol-d6	7.13	99	722635	81.26	ng	-0.04
23) Nitrobenzene-d5	9.13	82	826962	110.94	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	598215	295.49	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2061043	198.78	ng	-0.03
78) Terphenyl-d14	19.93	244	3098340	162.79	ng	-0.02

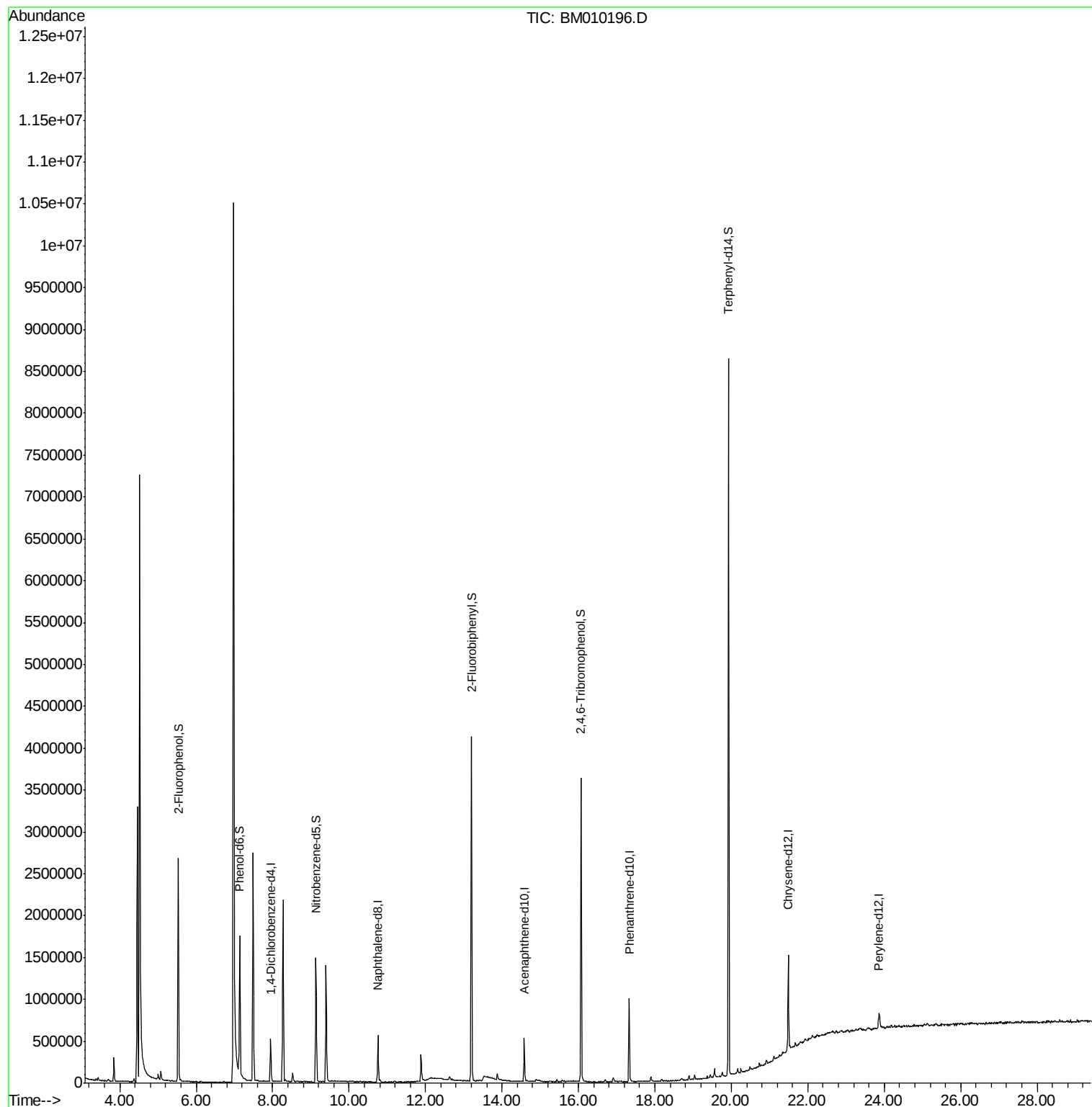
Target Compounds Qvalue

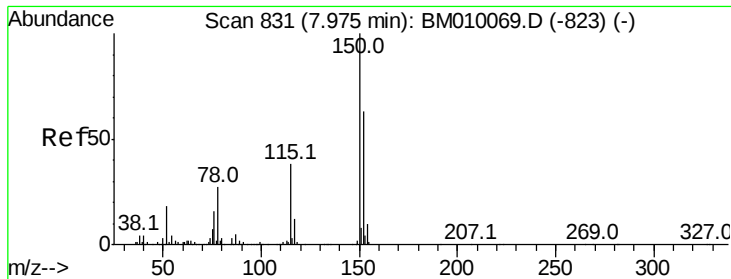
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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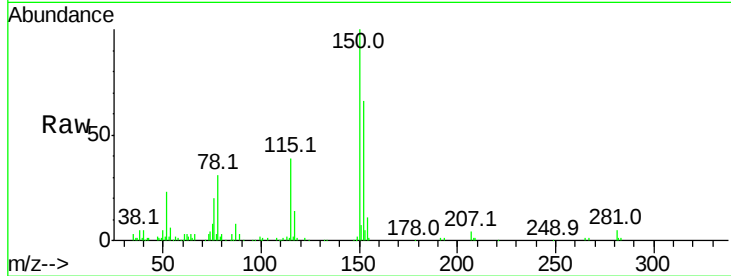


#1

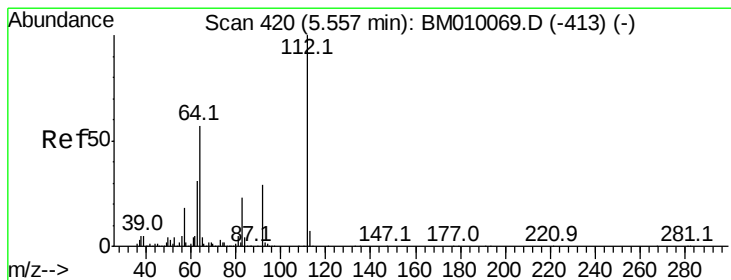
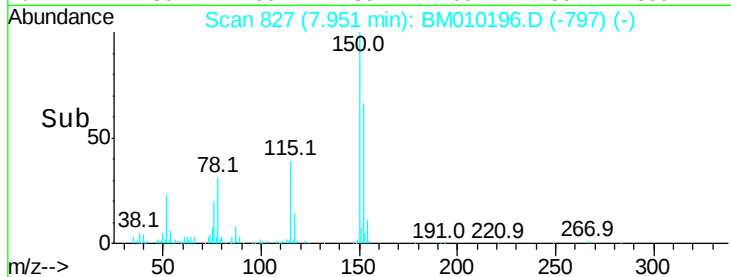
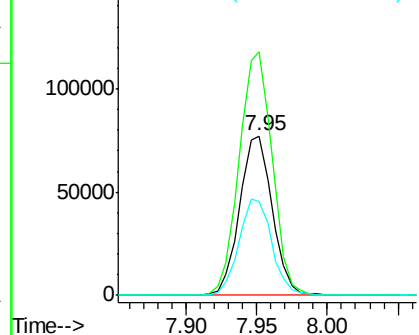
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	59.1	43.0	64.4



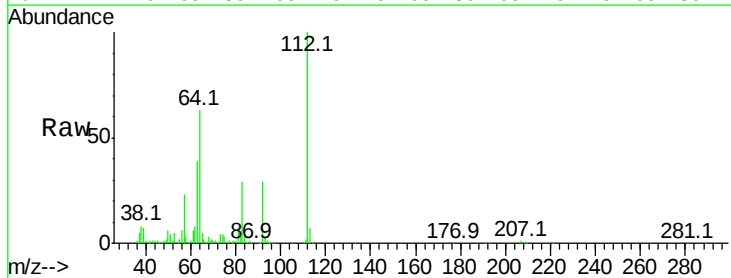
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



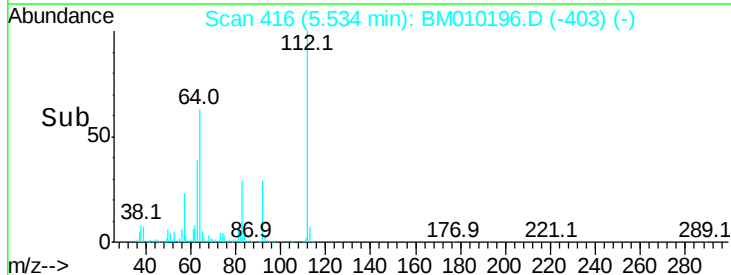
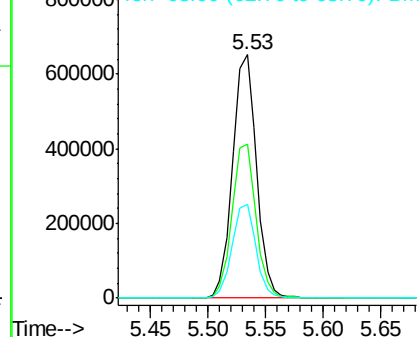
#5

2-Fluorophenol
Concen: 135.49 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	38.6	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: 81.26 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)

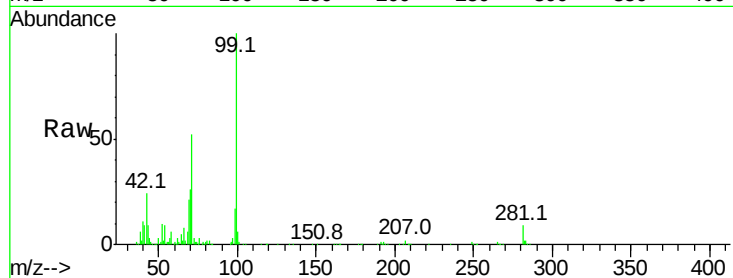
Tot Ion: 99 Resp: 722635

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

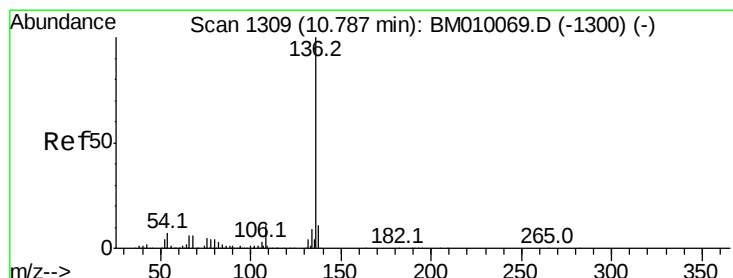
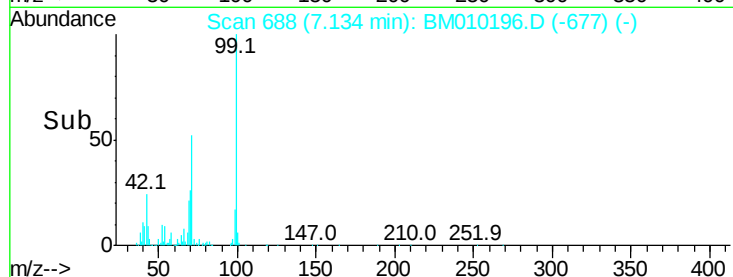
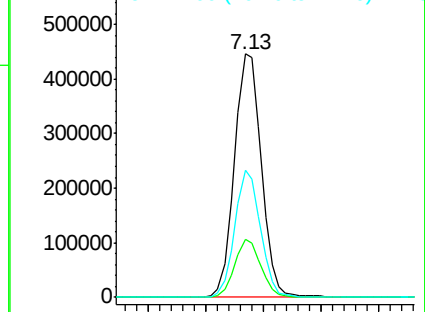
71 52.0 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

Tgt Ion: 136 Resp: 402149

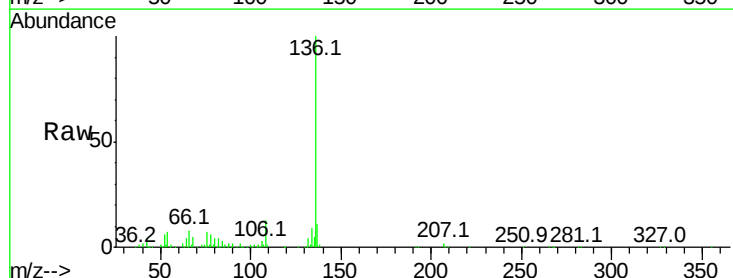
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.3 4.6 6.8#

68 4.8 3.7 5.5

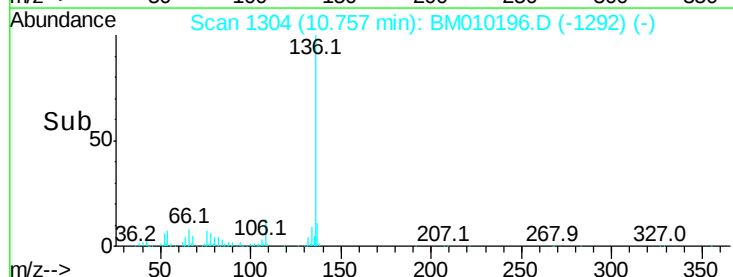
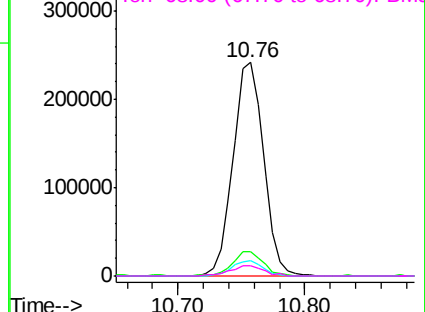


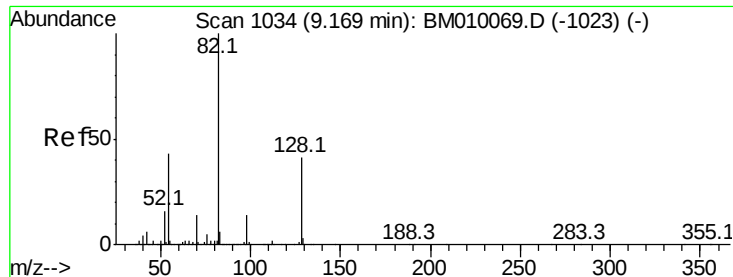
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

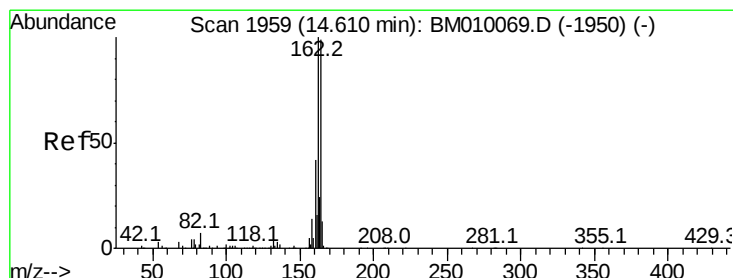
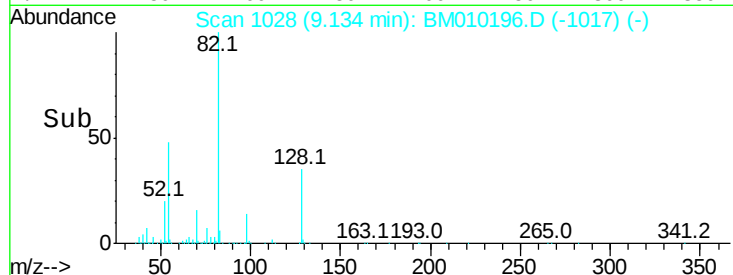
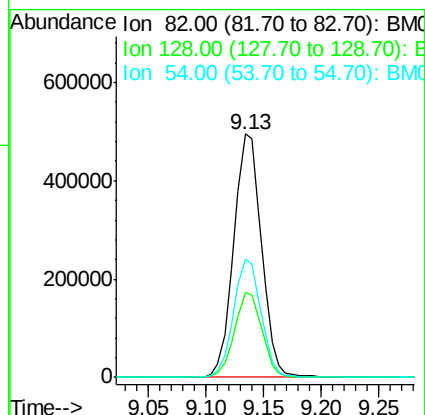
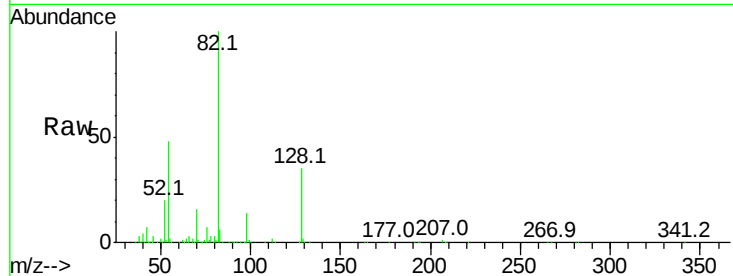




#23
Nitrobenzene-d5
Concen: 110.94 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

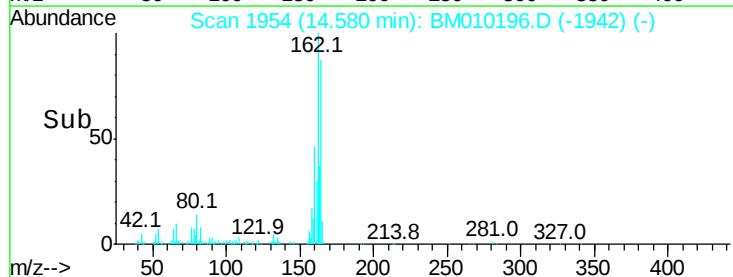
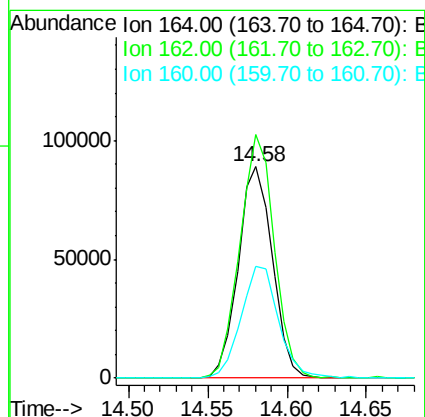
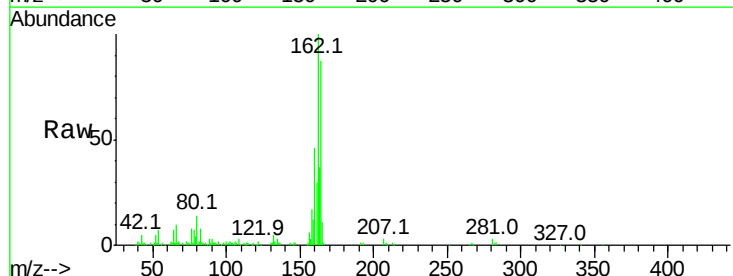
Instrument :
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EP2-WC5(0-10)

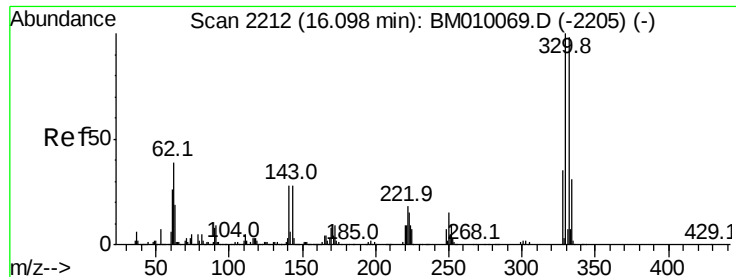
Tot Ion	82	Resp	826962
Ion Ratio	Lower	Upper	
82	100		
128	34.9	32.8	49.2
54	48.4	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Tgt Ion	164	Resp	133295
Ion Ratio	Lower	Upper	
164	100		
162	115.1	82.4	123.6
160	53.1	35.8	53.6

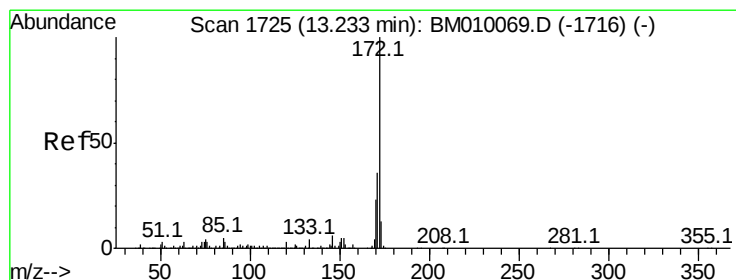
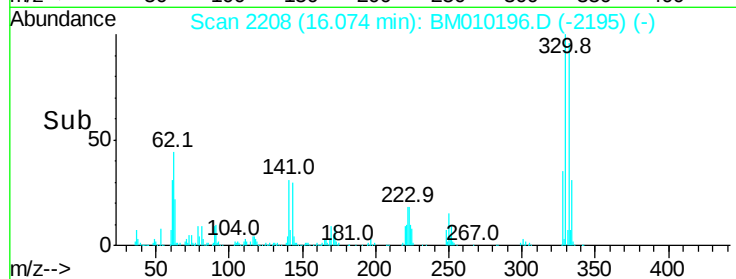
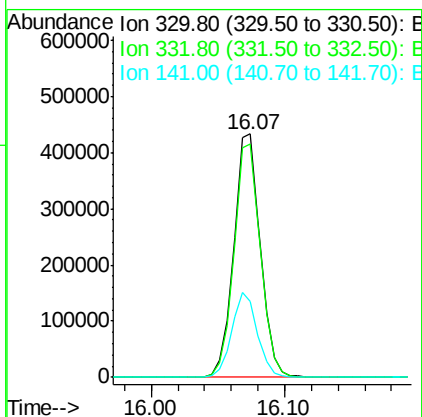
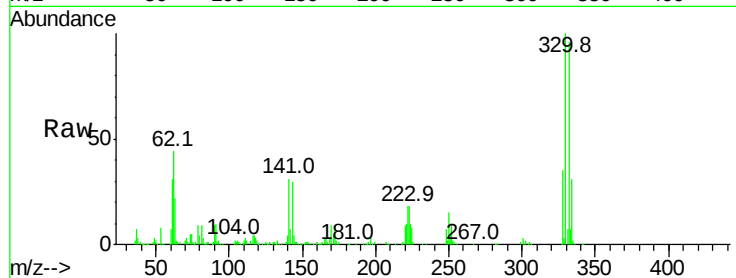




#41
 2,4,6-Tribromophenol
 Concen: 295.49 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010196.D
 Acq: 25 May 2017 01:50

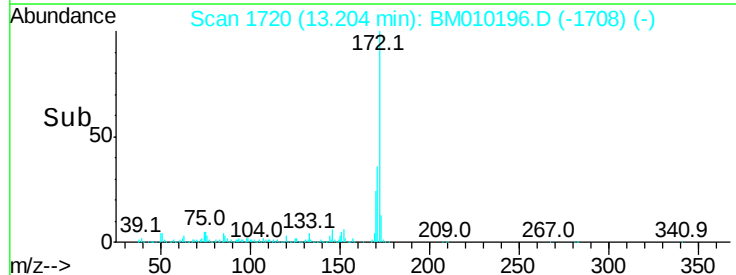
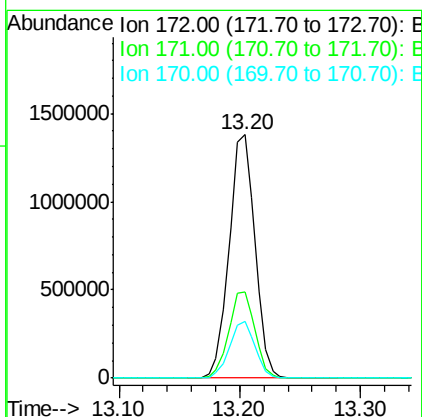
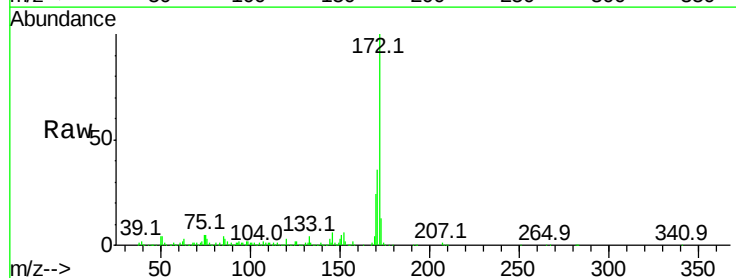
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(0-10)

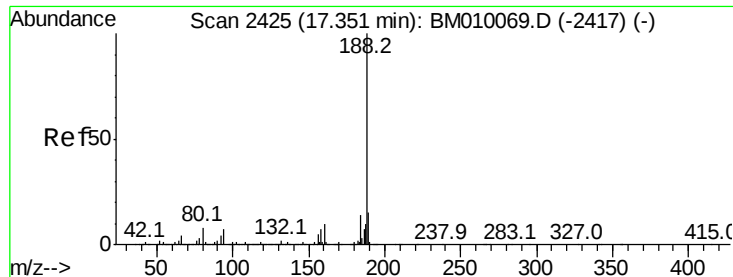
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	33.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 198.78 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010196.D
 Acq: 25 May 2017 01:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(0-10)

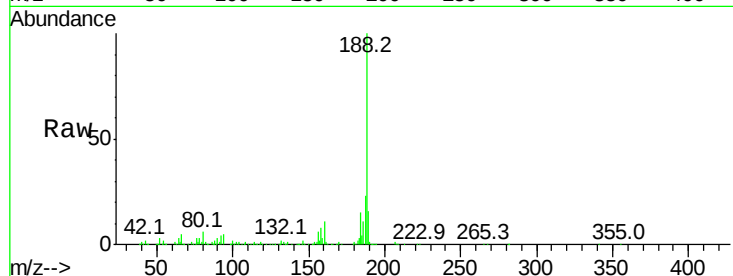
Tot Ion:188 Resp: 522418

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

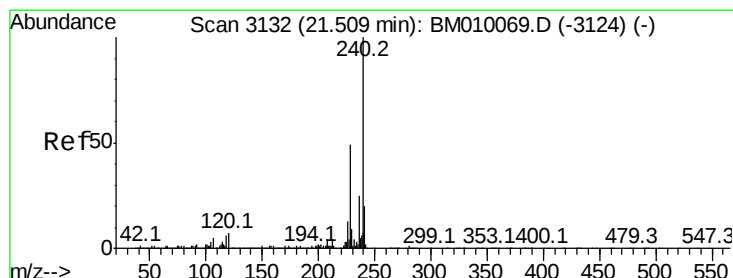
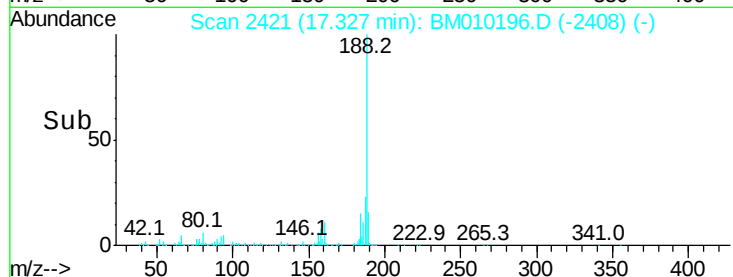
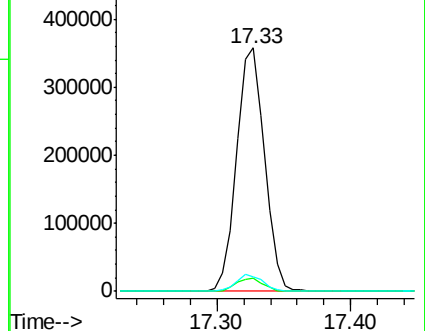
80 6.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

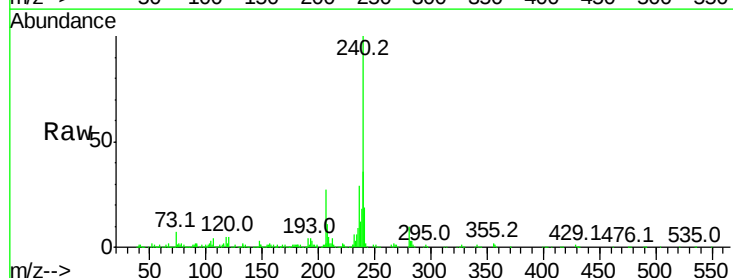
Tgt Ion:240 Resp: 432769

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

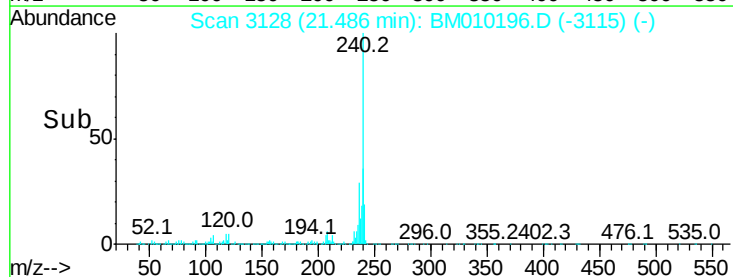
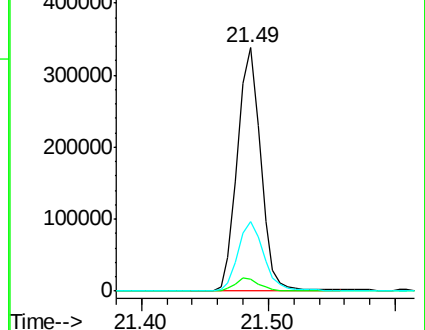
236 28.8 20.0 30.0

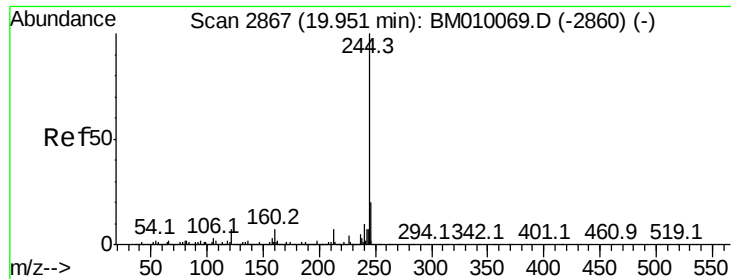


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 162.79 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

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ClientSampleId :

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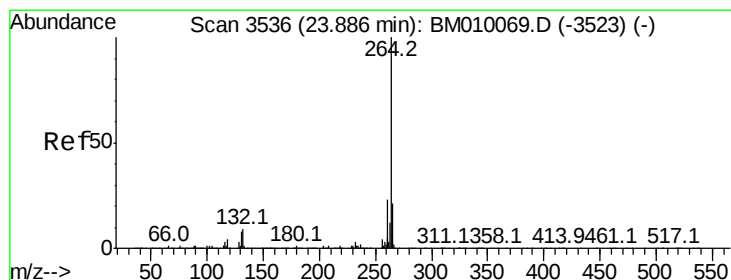
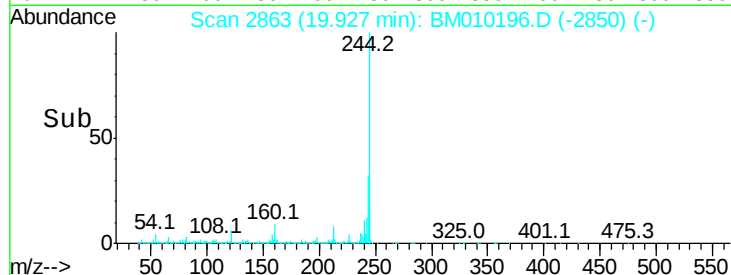
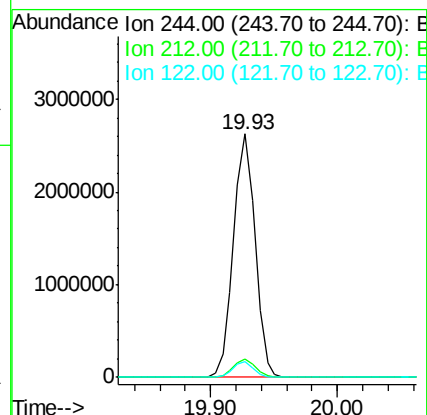
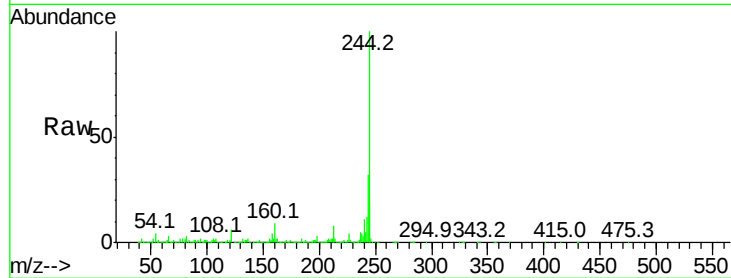
Tot Ion:244 Resp: 3098340

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.3 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: BM010196.D

Acq: 25 May 2017 01:50

Tgt Ion:264 Resp: 18168

Ion Ratio Lower Upper

264 100

260 148.7 18.6 27.8#

265 93.1 17.3 25.9#

