

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010195.D
 Acq On : 25 May 2017 01:14
 Operator : SJ/MA
 Sample : I3214-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC6(0-6.5)

Quant Time: May 25 07:22:26 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	114623	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	374978	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	226777	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	548812	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	879688	20.00	ng	-0.02
86) Perylene-d12	23.84	264	829302	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	925866	145.87	ng	-0.02
7) Phenol-d6	7.14	99	1032791	126.45	ng	-0.03
23) Nitrobenzene-d5	9.13	82	804581	115.76	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	547078	158.84	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1958110	111.00	ng	-0.03
78) Terphenyl-d14	19.93	244	3486290	90.11	ng	-0.02

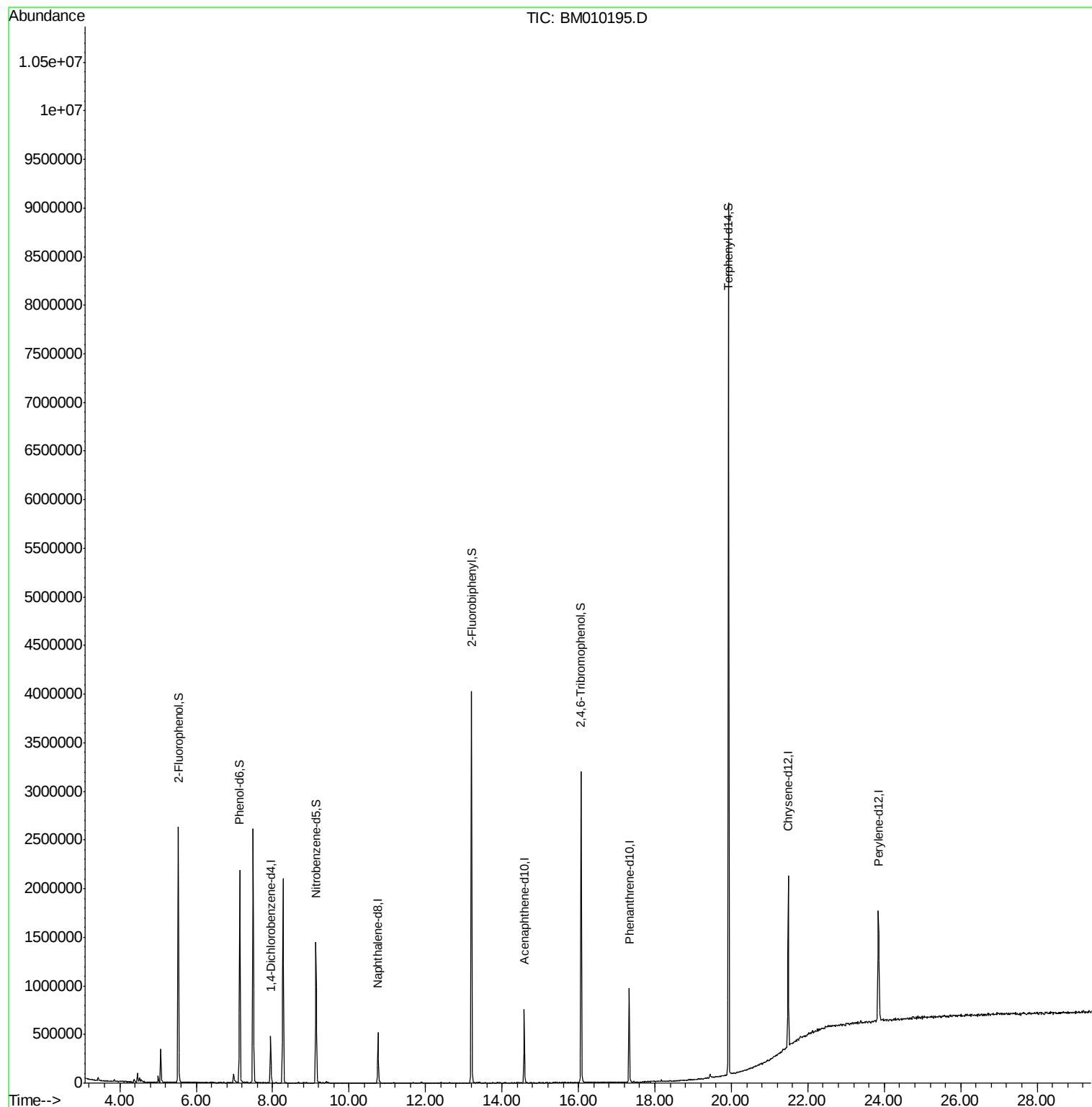
Target Compounds Qvalue

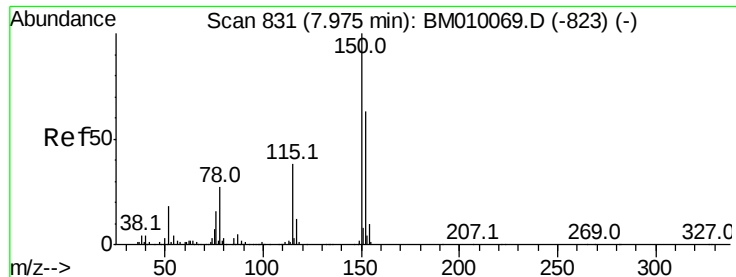
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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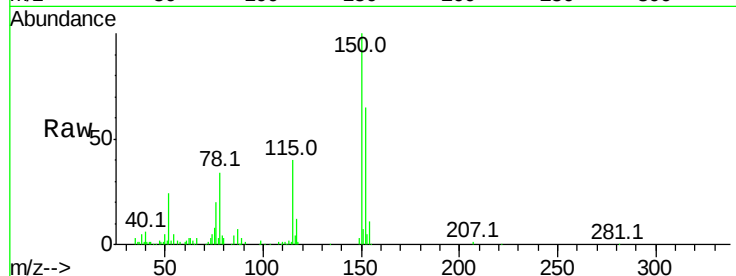


#1

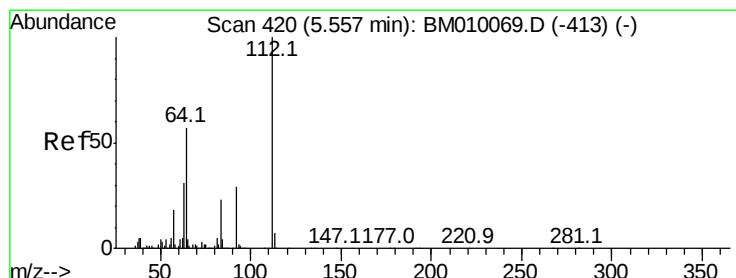
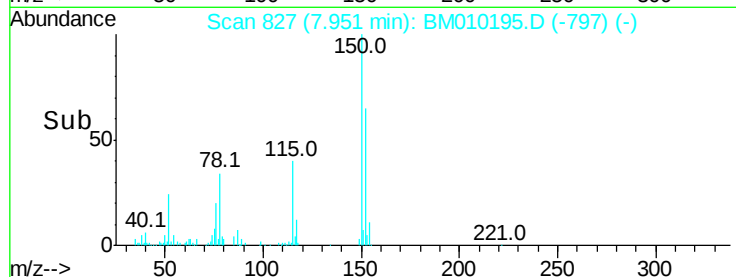
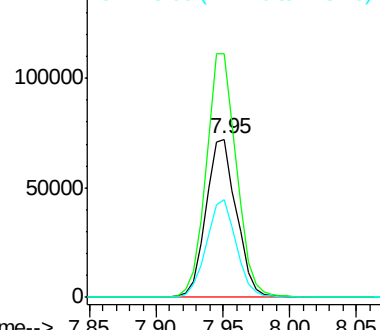
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010195.D
Acq: 25 May 2017 01:14

Instrument :
BNA_M
ClientSampleId :
EP2-WC6(0-6.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	61.9	43.0	64.4



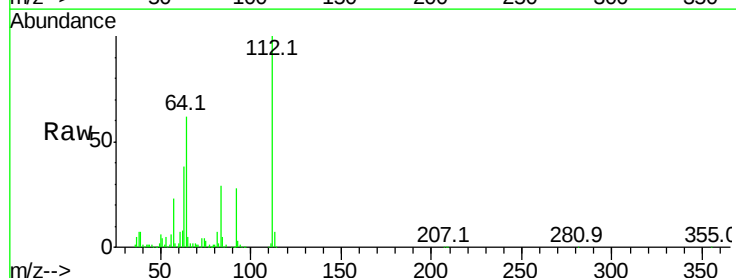
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



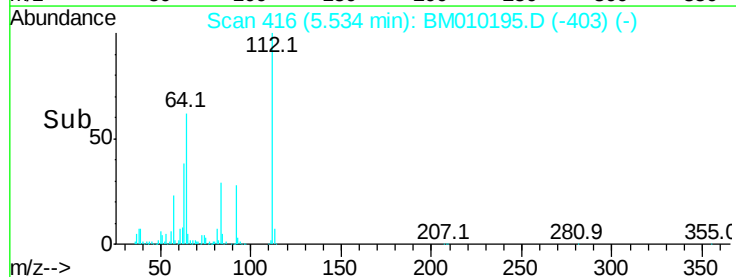
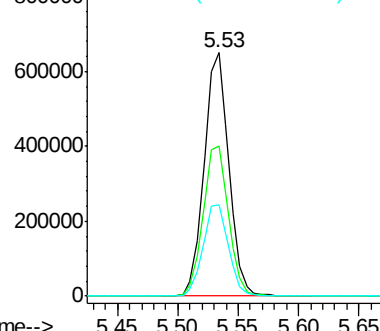
#5

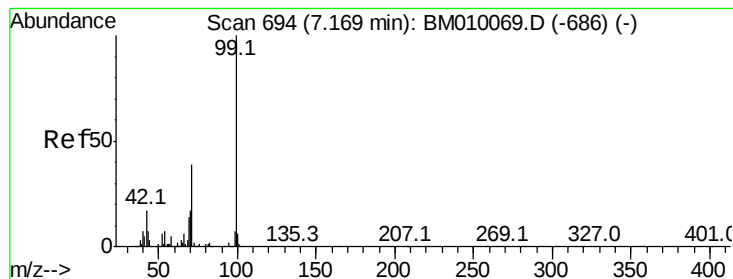
2-Fluorophenol
Concen: 145.87 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010195.D
Acq: 25 May 2017 01:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	37.6	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: 126.45 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010195.D

Acq: 25 May 2017 01:14

Instrument :

BNA_M

ClientSampleId :

EP2-WC6(0-6.5)

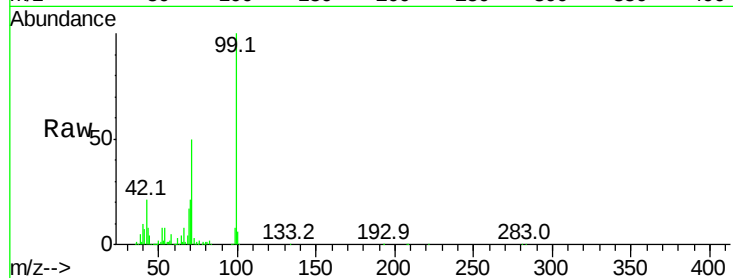
Tot Ion: 99 Resp: 1032791

Ion Ratio Lower Upper

99 100

42 20.9 11.0 16.4#

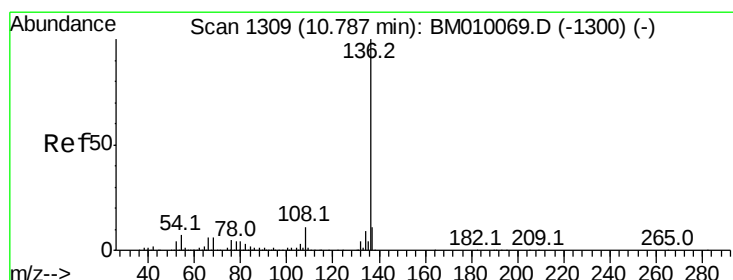
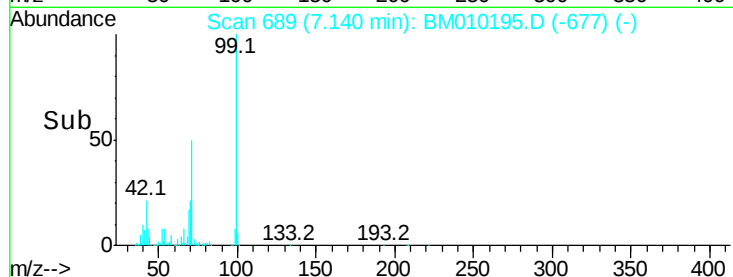
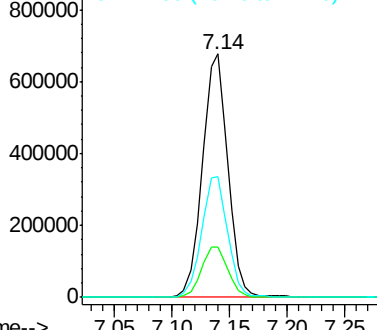
71 49.7 23.4 35.2#



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: BM010195.D

Acq: 25 May 2017 01:14

Tgt Ion: 136 Resp: 374978

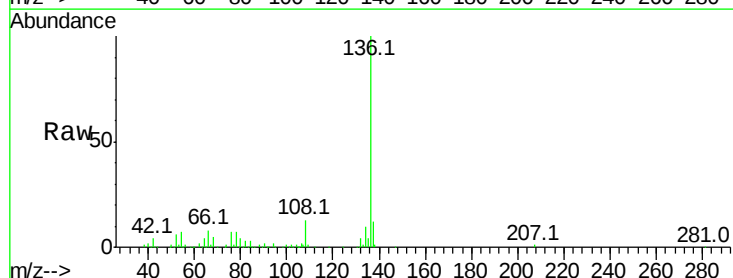
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 7.5 4.6 6.8#

68 5.0 3.7 5.5

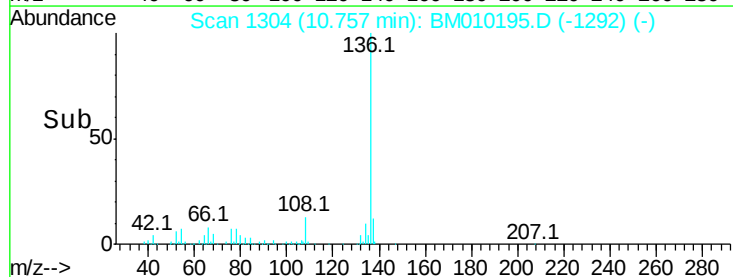
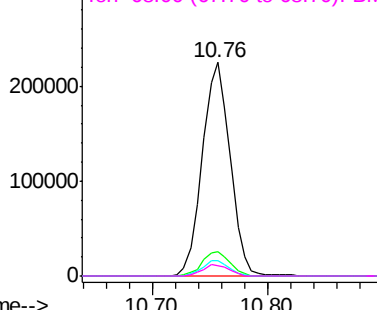


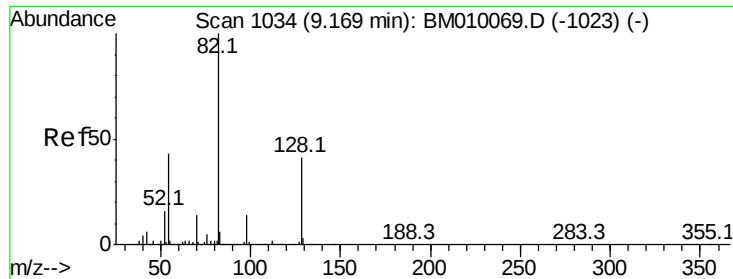
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

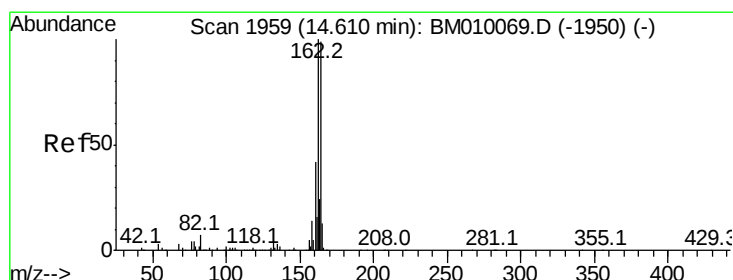
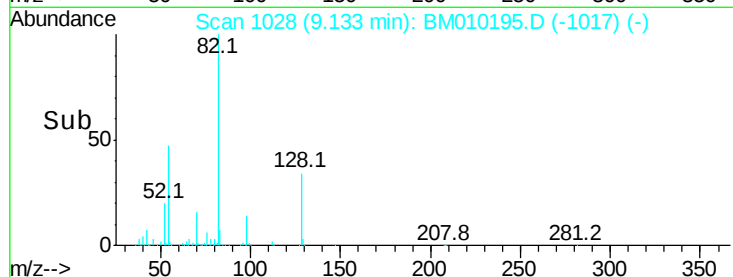
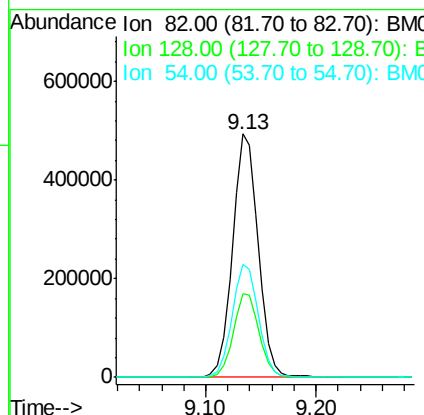
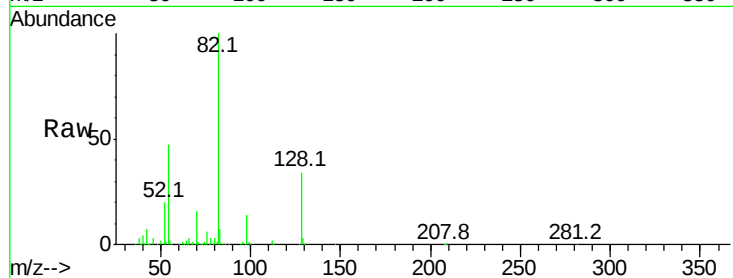




#23
 Nitrobenzene-d5
 Concen: 115.76 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010195.D
 Acq: 25 May 2017 01:14

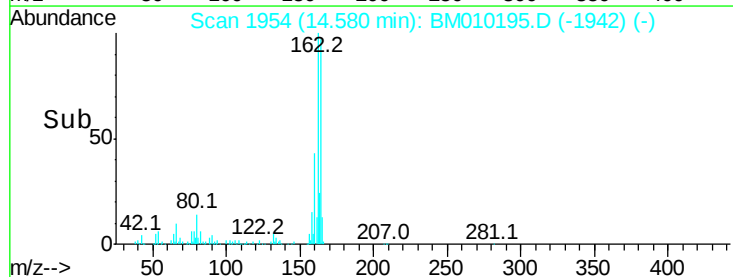
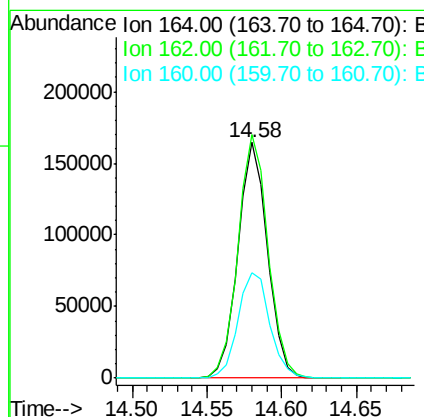
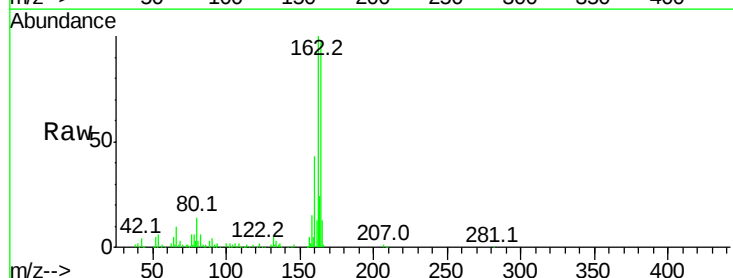
Instrument :
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 EP2-WC6(0-6.5)

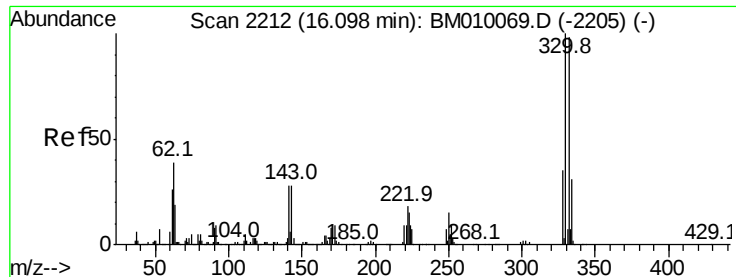
Tot Ion	82	Resp	804581
Ion Ratio	Lower	Upper	
82	100		
128	34.2	32.8	49.2
54	46.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010195.D
 Acq: 25 May 2017 01:14

Tgt Ion	164	Resp	226777
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.4	123.6
160	44.9	35.8	53.6

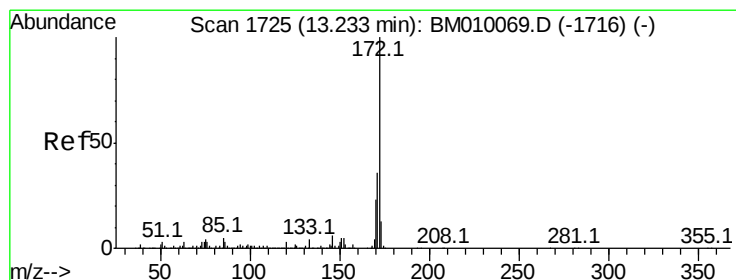
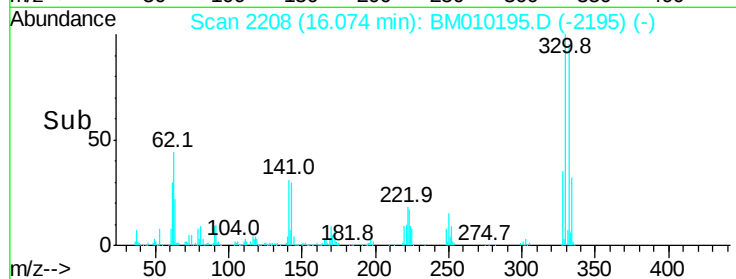
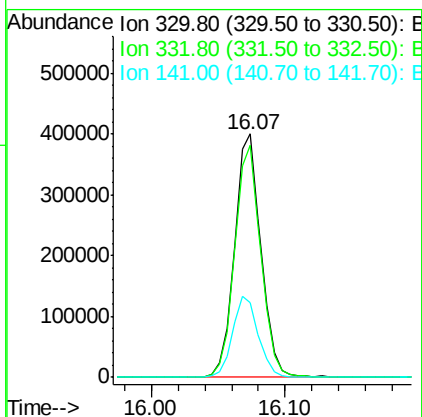
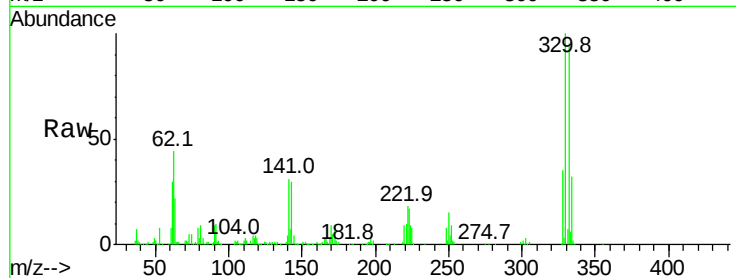




#41
 2,4,6-Tribromophenol
 Concen: 158.84 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010195.D
 Acq: 25 May 2017 01:14

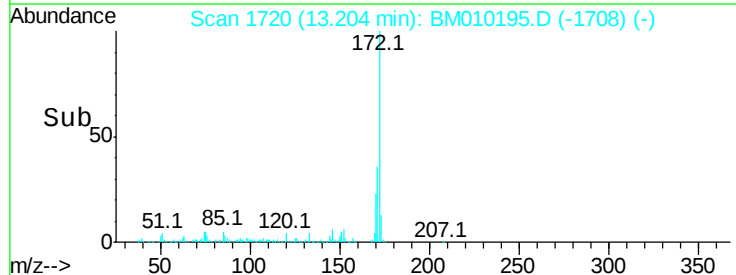
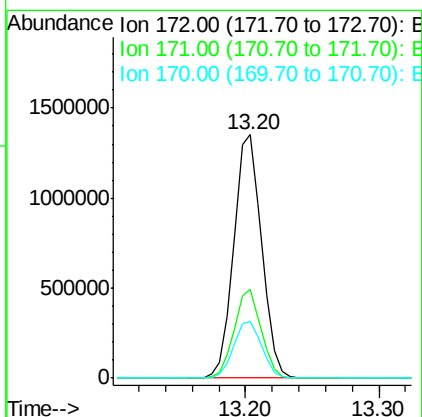
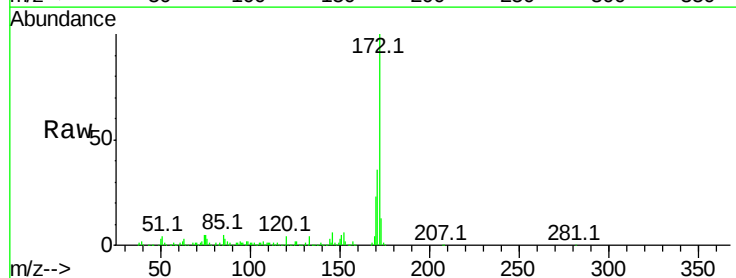
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC6(0-6.5)

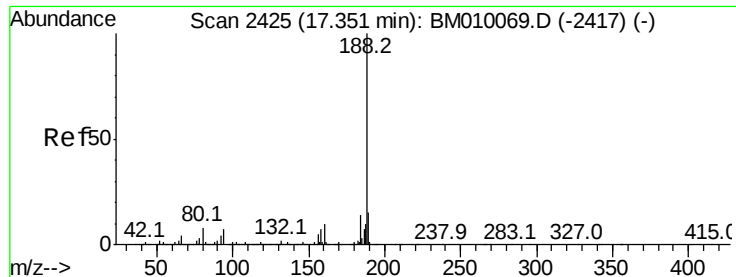
Tot Ion:330 Resp: 547078
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 33.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 111.00 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010195.D
 Acq: 25 May 2017 01:14

Tgt Ion:172 Resp: 1958110
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 23.3 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: BM010195.D

Acq: 25 May 2017 01:14

Instrument :

BNA_M

ClientSampleId :

EP2-WC6(0-6.5)

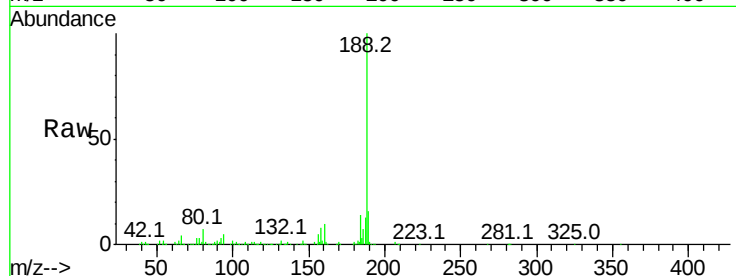
Tot Ion:188 Resp: 548812

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

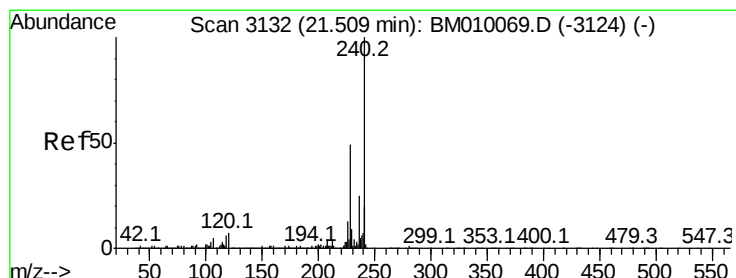
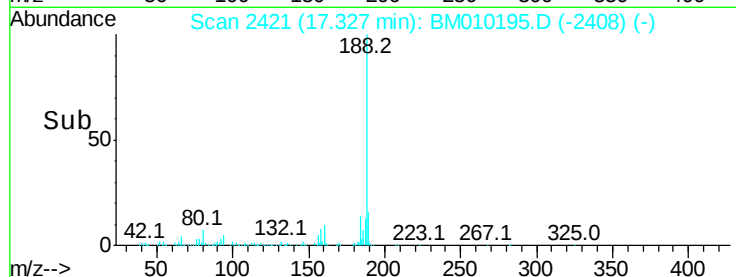
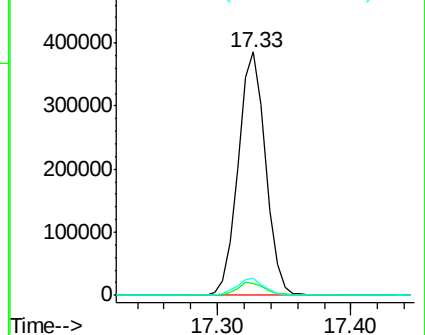
80 6.8 9.3 13.9#



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: BM010195.D

Acq: 25 May 2017 01:14

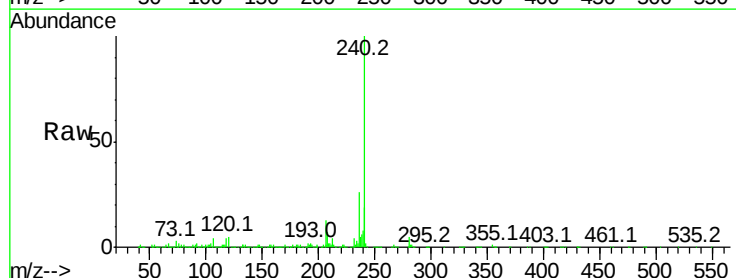
Tgt Ion:240 Resp: 879688

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

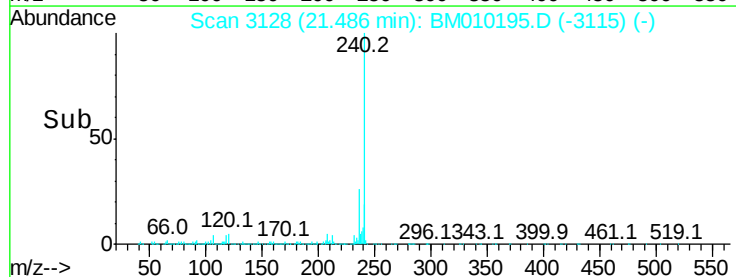
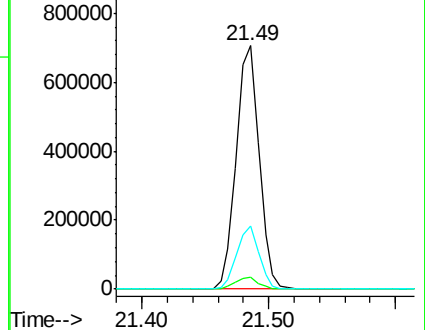
236 25.8 20.0 30.0

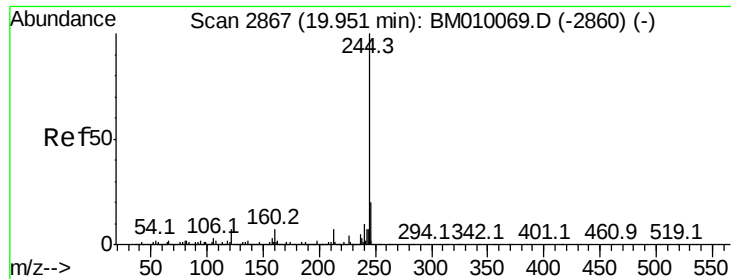


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.11 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010195.D

Acq: 25 May 2017 01:14

Instrument :

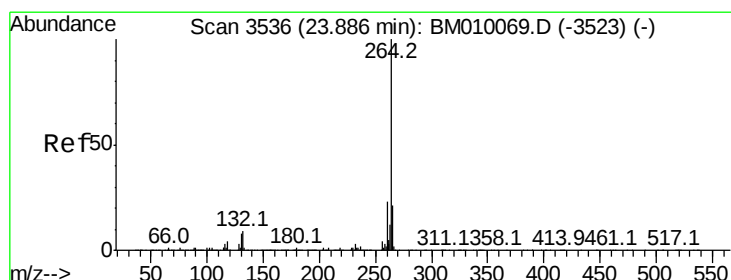
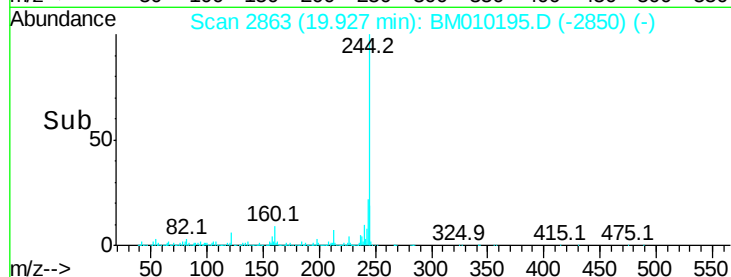
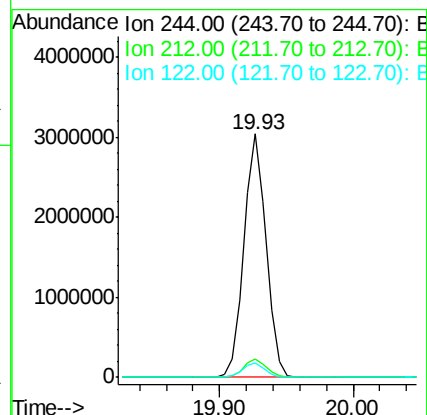
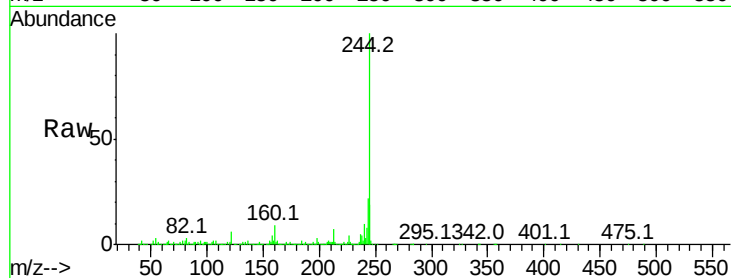
BNA_M

ClientSampleId :

EP2-WC6(0-6.5)

Tot Ion:244 Resp: 3486290

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.2	6.2	9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010195.D

Acq: 25 May 2017 01:14

Tgt Ion:264 Resp: 829302

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.4	17.3	25.9

