

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010194.D
 Acq On : 25 May 2017 00:38
 Operator : SJ/MA
 Sample : I3214-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(0-6.5)

Quant Time: May 25 07:20:55 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

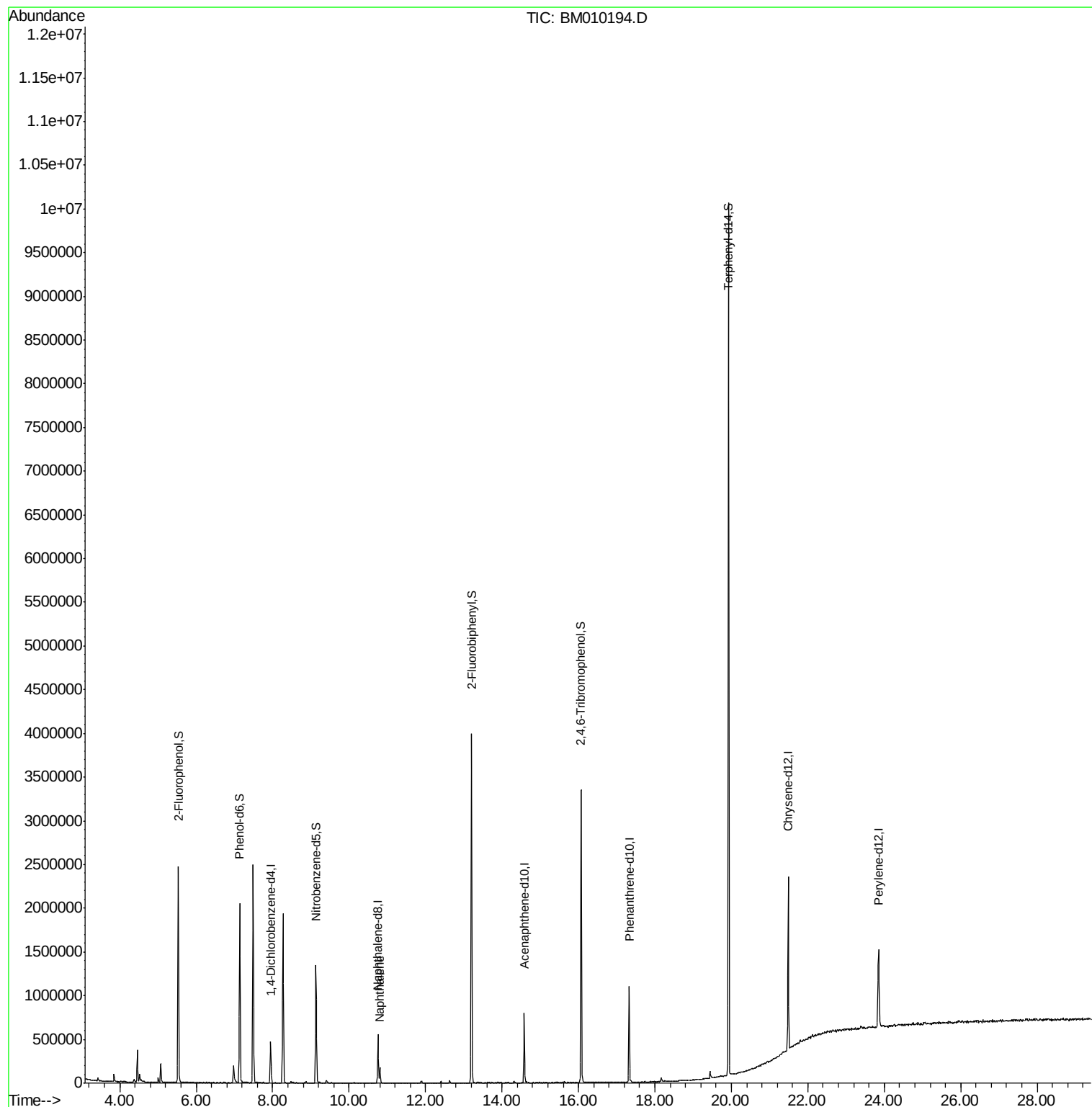
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	120901	20.00	ng	-0.03
21) Naphthalene-d8	10.76	136	401905	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	241393	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	656291	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	922886	20.00	ng	-0.02
86) Perylene-d12	23.84	264	592432	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	877516	131.07	ng	-0.02
7) Phenol-d6	7.14	99	989707	114.88	ng	-0.03
23) Nitrobenzene-d5	9.14	82	756022	101.49	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	584150	159.33	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1924506	102.49	ng	-0.03
78) Terphenyl-d14	19.93	244	3812806	93.94	ng	-0.02
Target Compounds						
31) Naphthalene	10.80	128	127517	5.93	ng	Qvalue 98

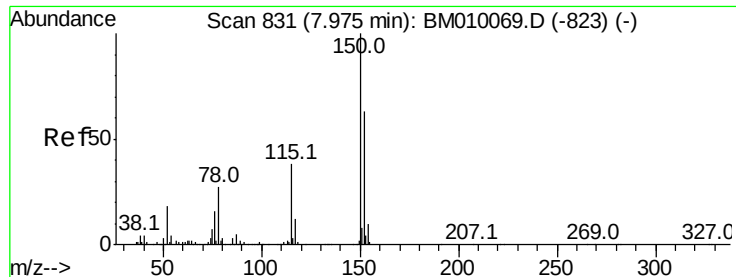
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(0-6.5)

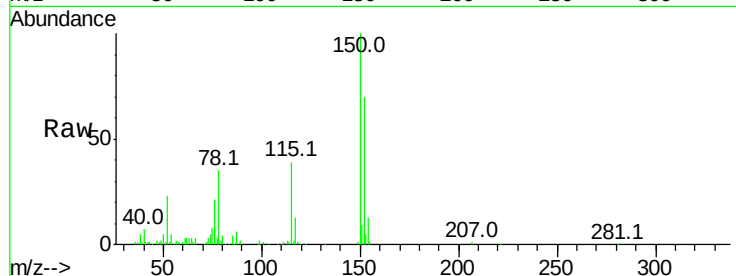
Tot Ion:152 Resp: 120901

Ion Ratio Lower Upper

152 100

150 143.5 119.5 179.3

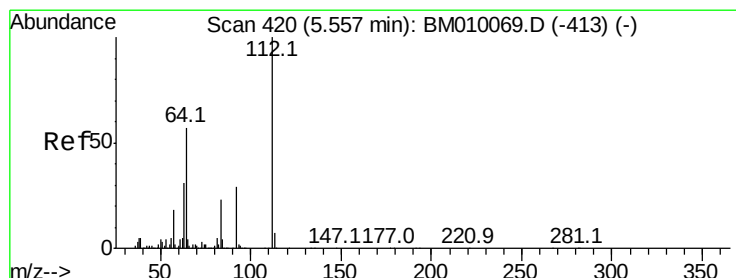
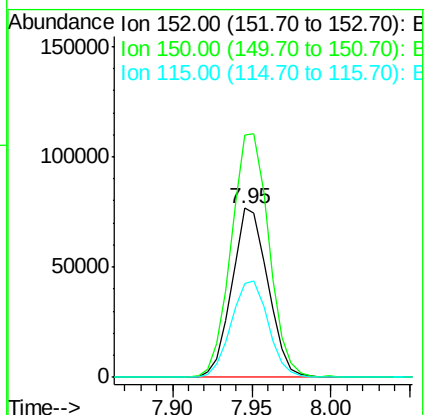
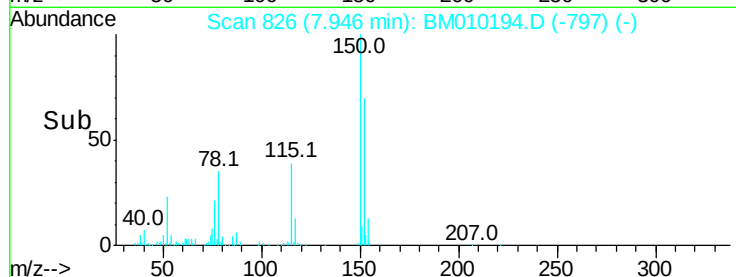
115 55.4 43.0 64.4



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: 131.07 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

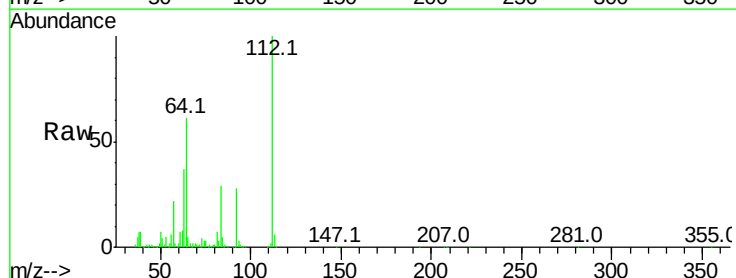
Tgt Ion:112 Resp: 877516

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

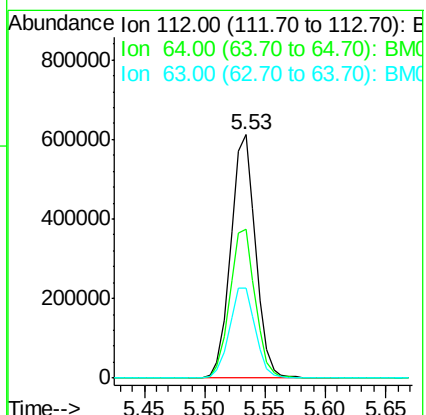
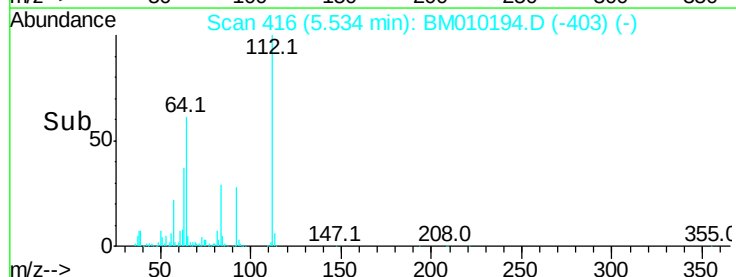
63 36.9 19.3 28.9#

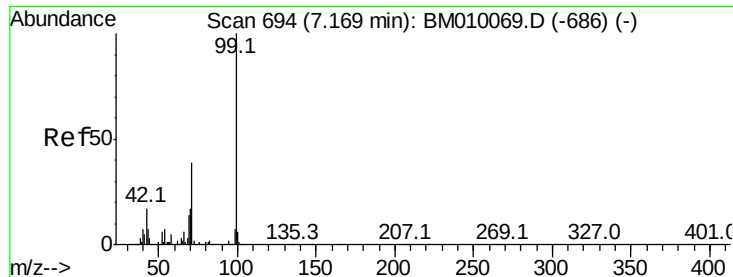


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 114.88 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(0-6.5)

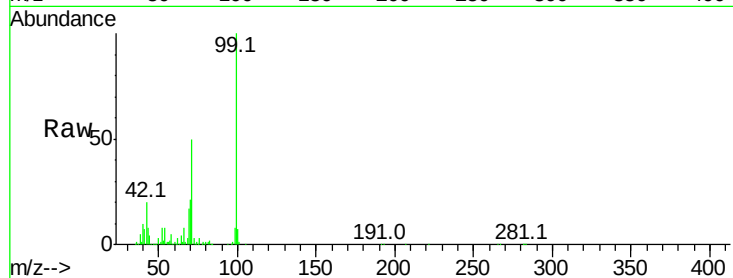
Tot Ion: 99 Resp: 989707

Ion Ratio Lower Upper

99 100

42 20.2 11.0 16.4#

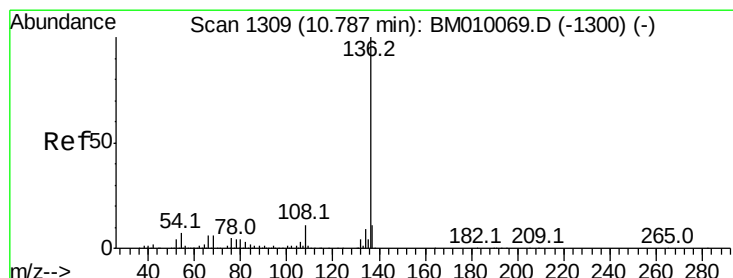
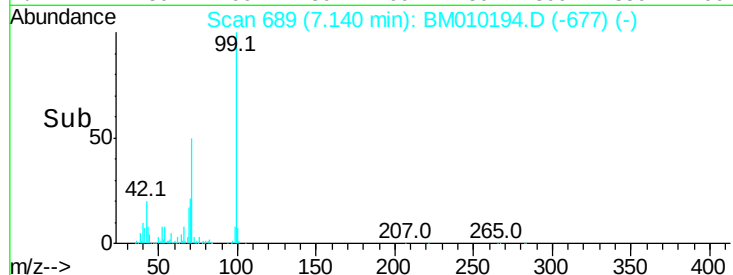
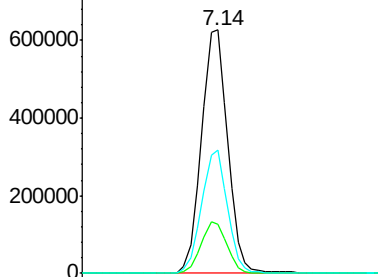
71 50.4 23.4 35.2#



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: BM010194.D

Acq: 25 May 2017 00:38

Tgt Ion: 136 Resp: 401905

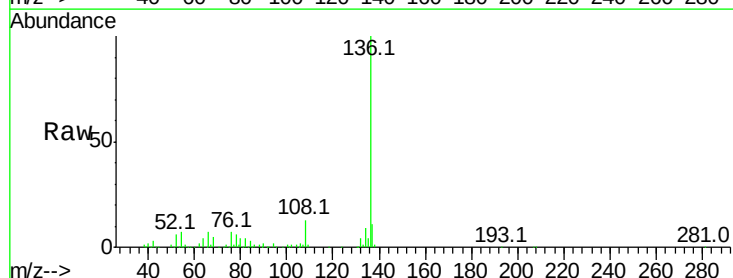
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 4.6 6.8

68 5.1 3.7 5.5

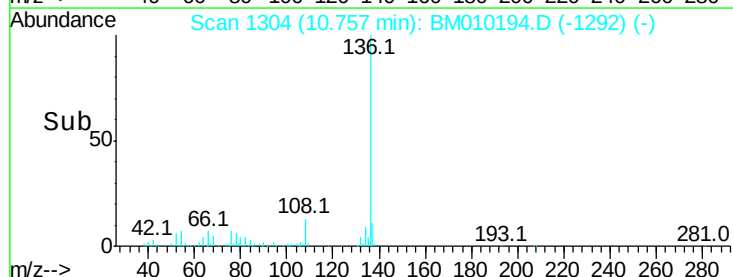
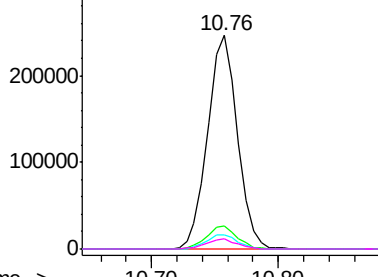


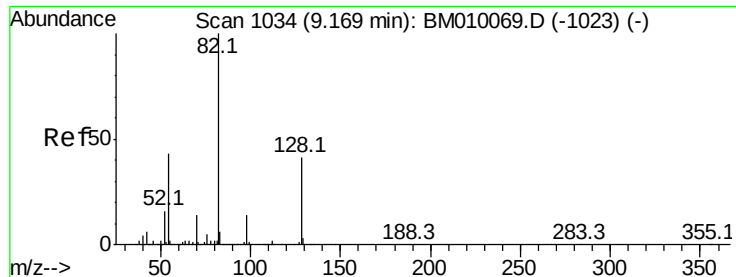
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

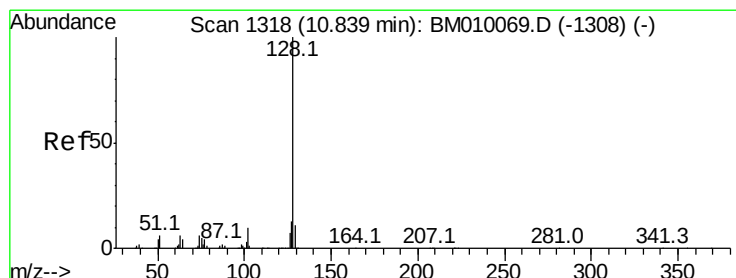
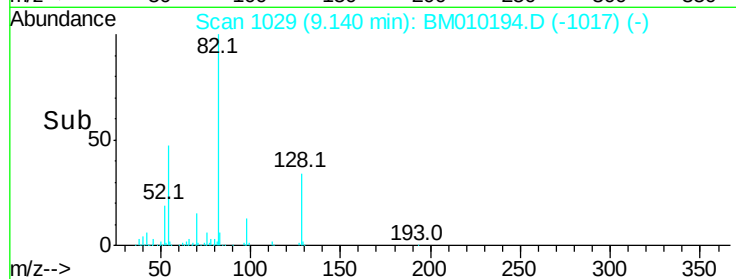
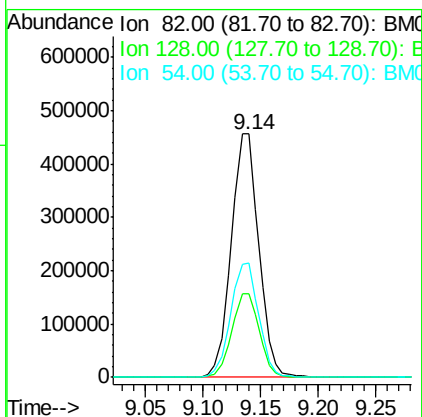
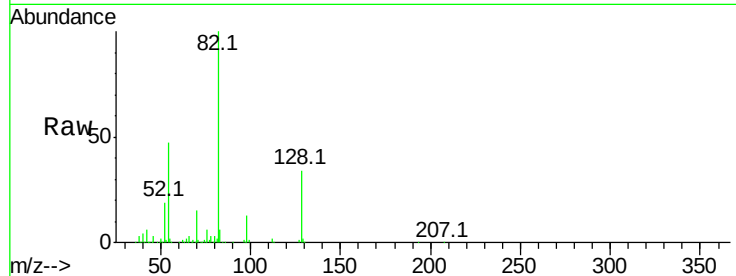




#23
 Nitrobenzene-d5
 Concen: 101.49 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010194.D
 Acq: 25 May 2017 00:38

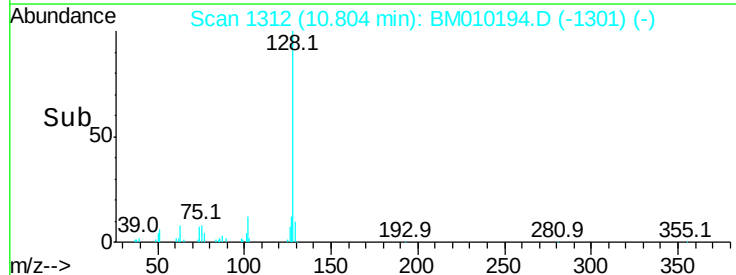
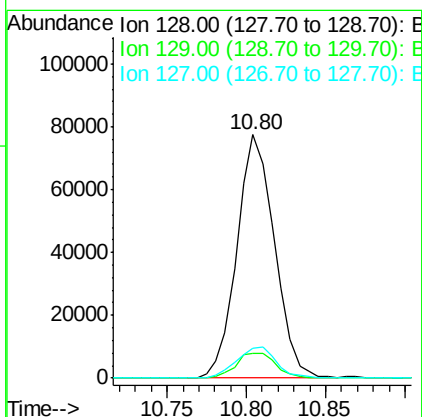
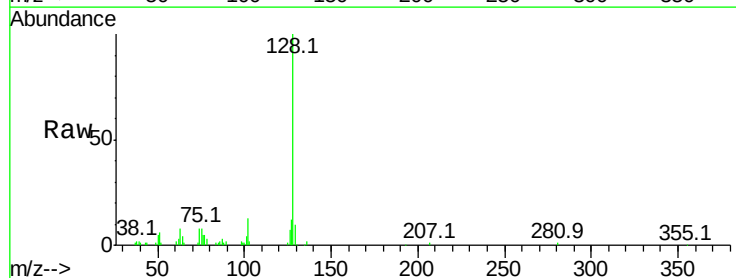
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(0-6.5)

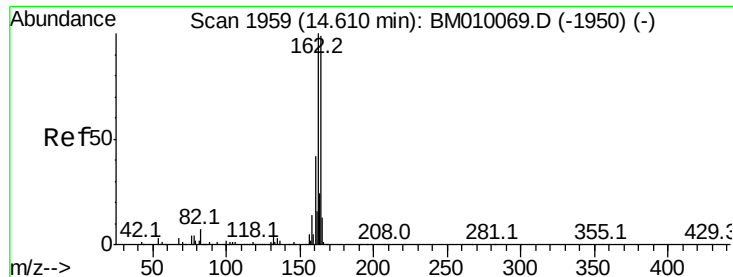
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	32.8	49.2
54	47.2	40.6	60.8



#31
 Naphthalene
 Concen: 5.93 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BM010194.D
 Acq: 25 May 2017 00:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.9	13.3
127	12.2	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(0-6.5)

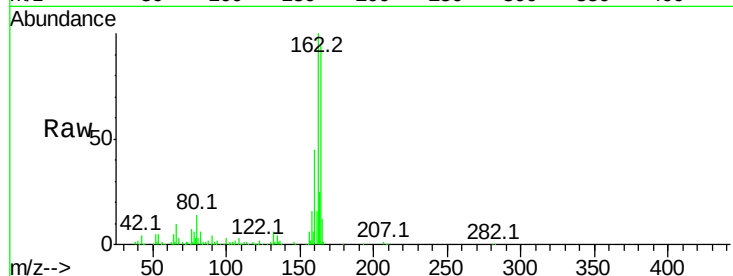
Tot Ion:164 Resp: 241393

Ion Ratio Lower Upper

164 100

162 106.6 82.4 123.6

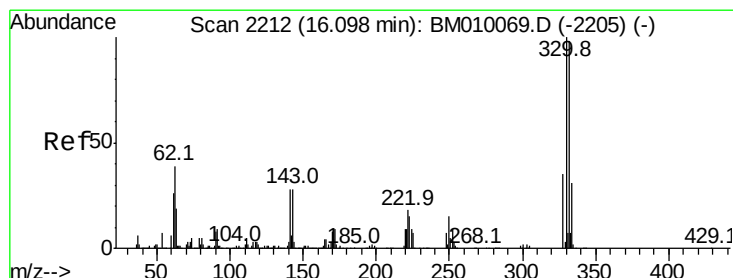
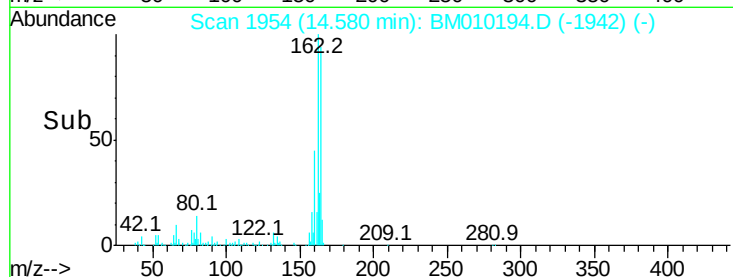
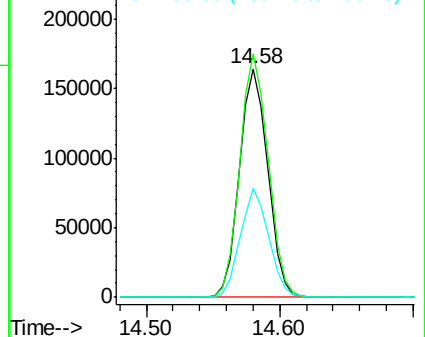
160 47.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.33 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

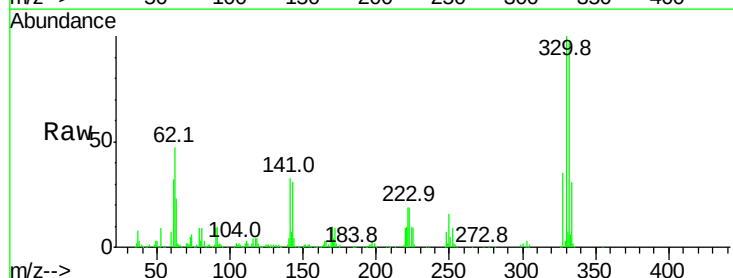
Tgt Ion:330 Resp: 584150

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

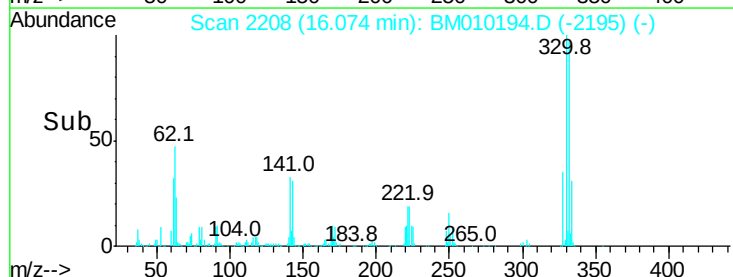
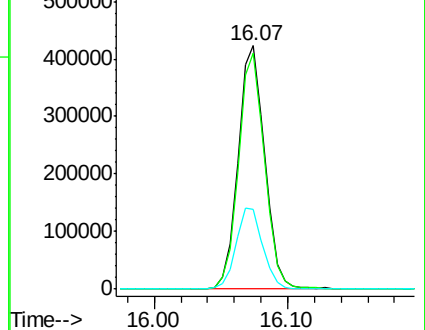
141 33.8 0.0 0.0#

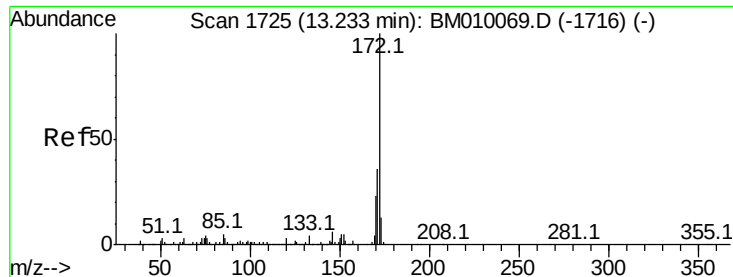


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

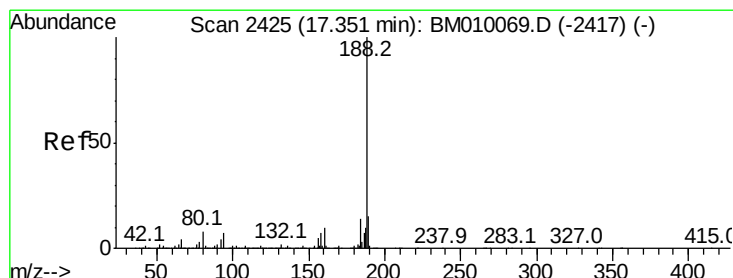
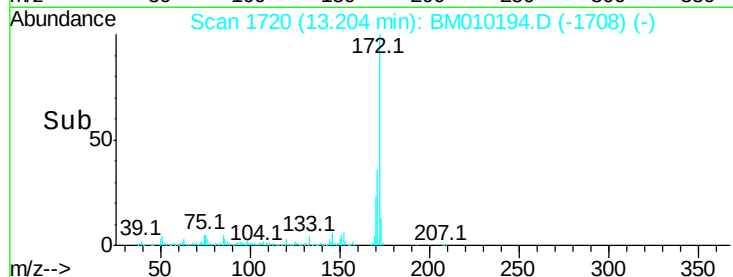
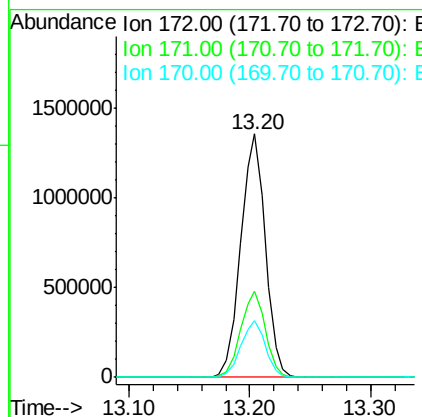
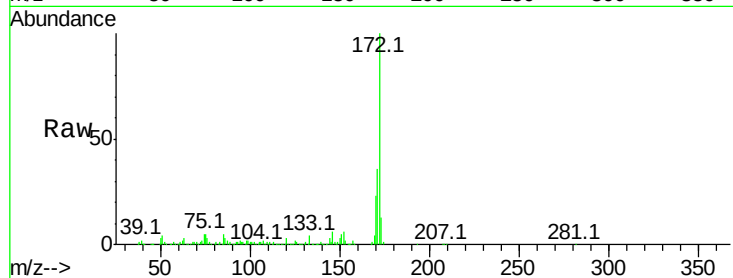




#44
2-Fluorobiphenyl
Concen: 102.49 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010194.D
Acq: 25 May 2017 00:38

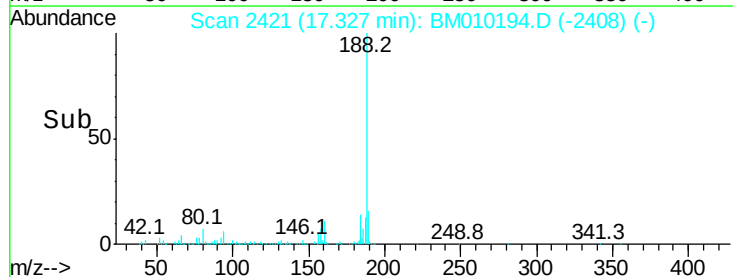
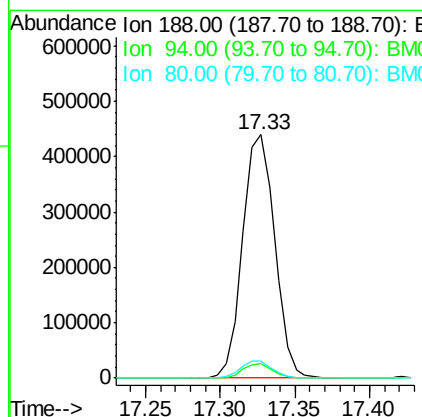
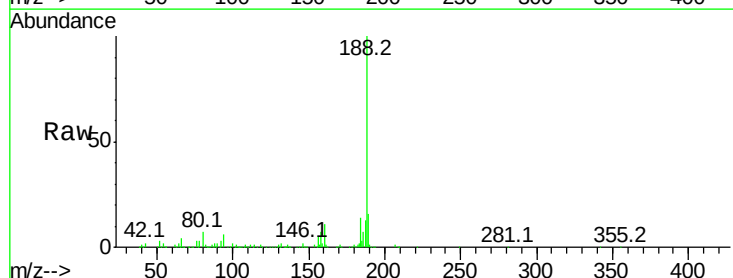
Instrument :
BNA_M
ClientSampleId :
EP2-WC7(0-6.5)

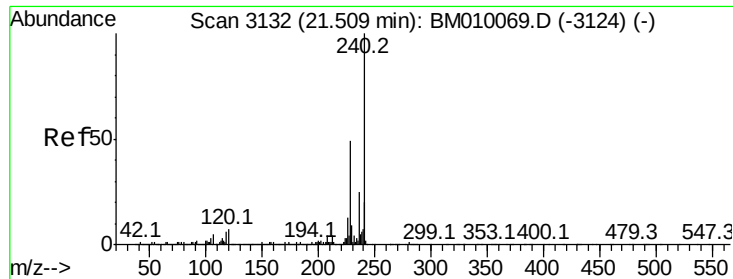
Tot Ion:172 Resp: 1924506
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.3 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010194.D
Acq: 25 May 2017 00:38

Tgt Ion:188 Resp: 656291
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 6.9 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(0-6.5)

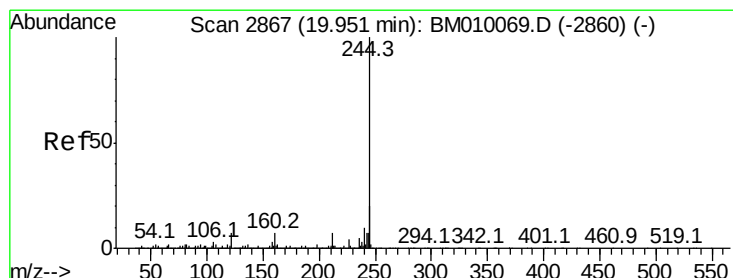
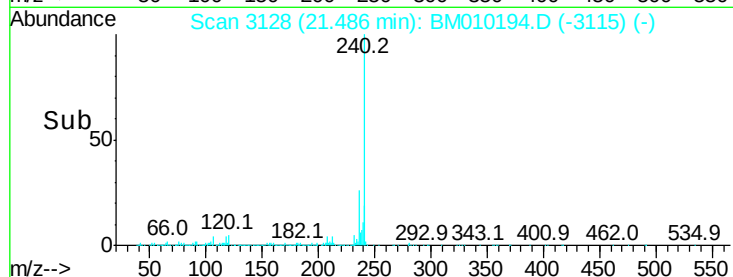
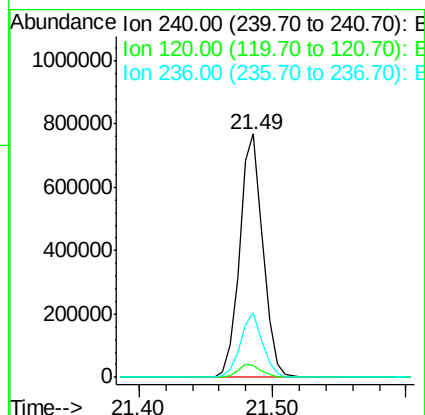
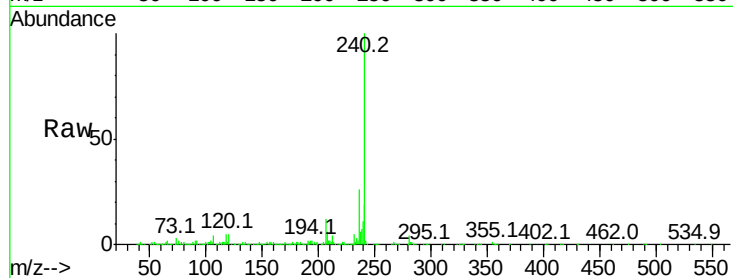
Tot Ion:240 Resp: 922886

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

236 26.4 20.0 30.0



#78

Terphenyl-d14

Concen: 93.94 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010194.D

Acq: 25 May 2017 00:38

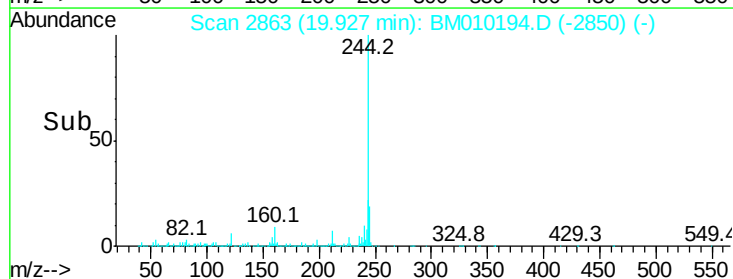
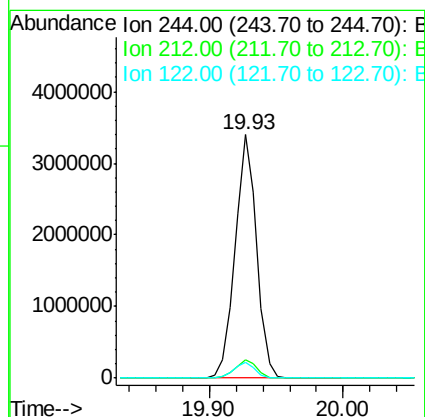
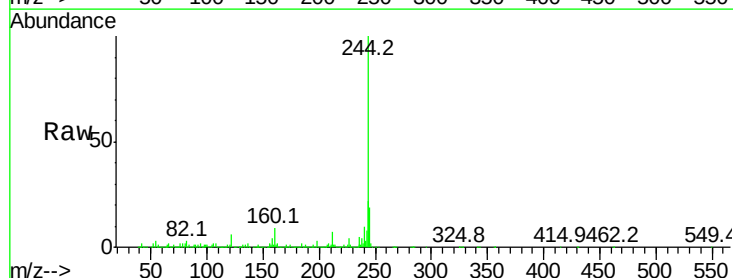
Tgt Ion:244 Resp: 3812806

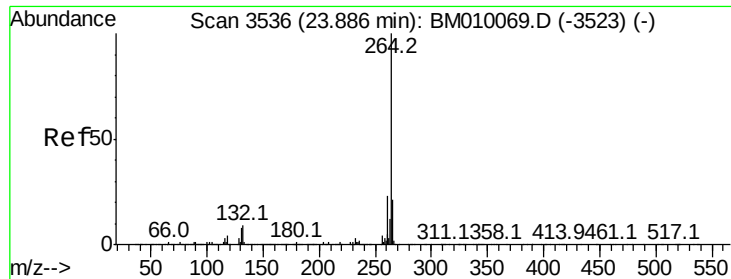
Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.3 6.2 9.4

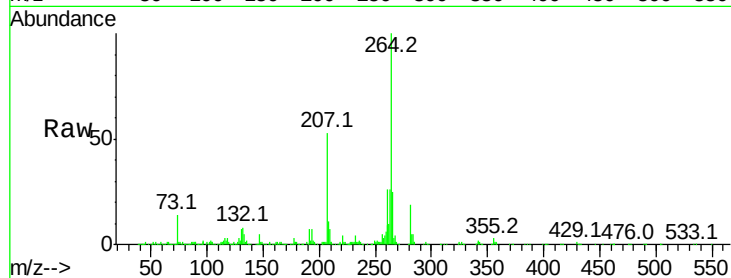




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.84 min Scan# 3529
 Delta R.T. -0.04 min
 Lab File: BM010194.D
 Acq: 25 May 2017 00:38

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(0-6.5)

Tot Ion:	264	Resp:	592432
Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	24.7	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

