

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010160.D
 Acq On : 24 May 2017 02:35
 Operator : SJ/MA
 Sample : I3240-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(6.5-8)

Quant Time: May 24 06:39:40 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

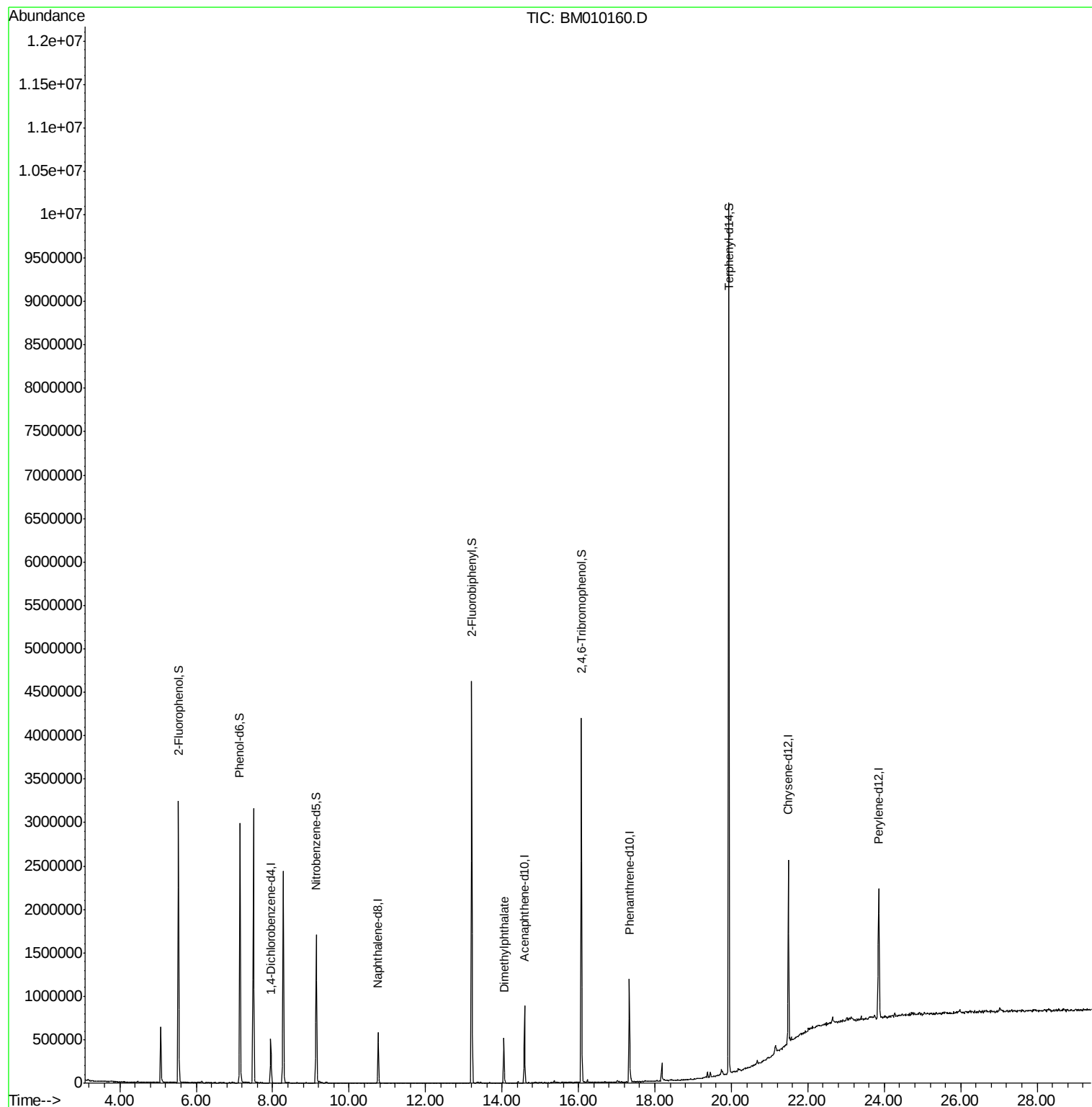
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	126452	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	421701	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	272189	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	710926	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1065820	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1218114	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1164576	166.31	ng	-0.02
7) Phenol-d6	7.15	99	1474328	163.63	ng	-0.02
23) Nitrobenzene-d5	9.14	82	951544	121.74	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	732747	177.25	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2242787	105.93	ng	-0.02
78) Terphenyl-d14	19.93	244	4107003	87.62	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.05	163	310274	12.78	ng	Qvalue # 99

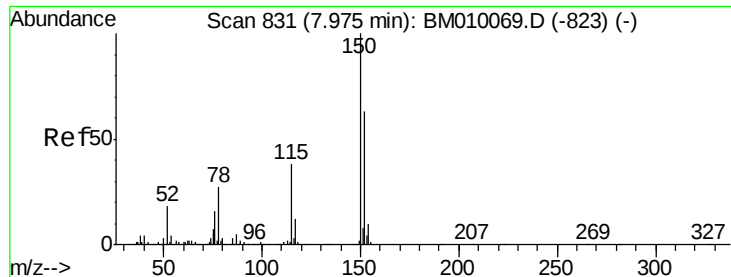
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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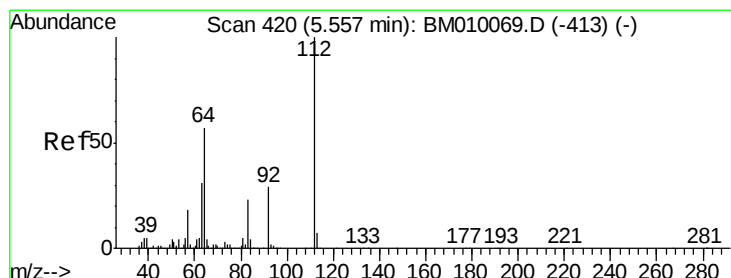
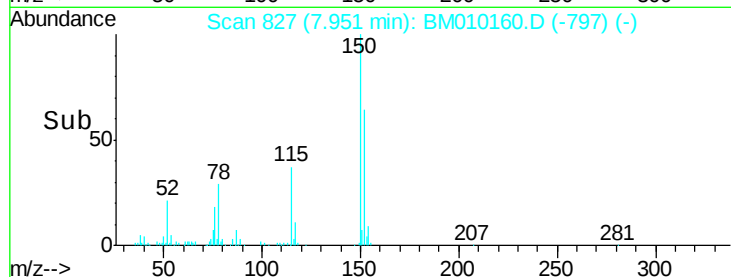
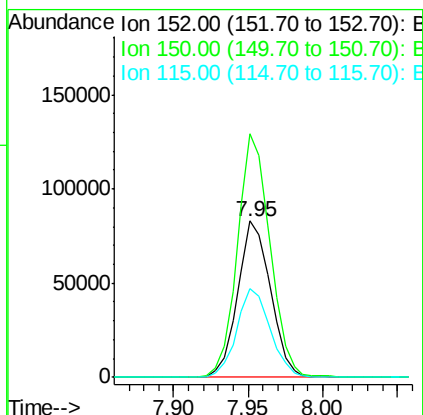
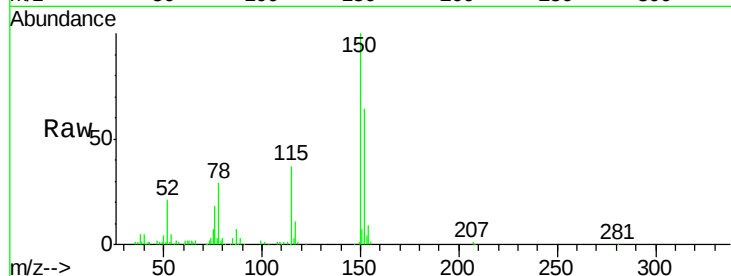


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010160.D
Acq: 24 May 2017 02:35

Instrument :
BNA_M
ClientSampleId :
EP2-WC7(6.5-8)

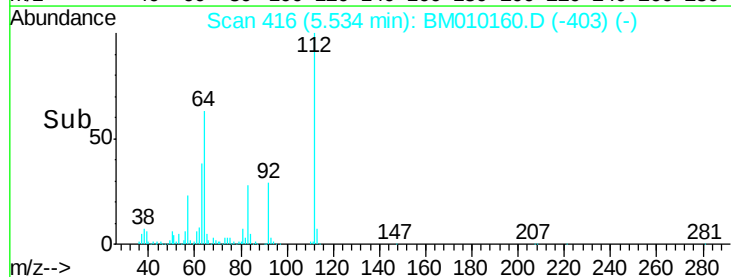
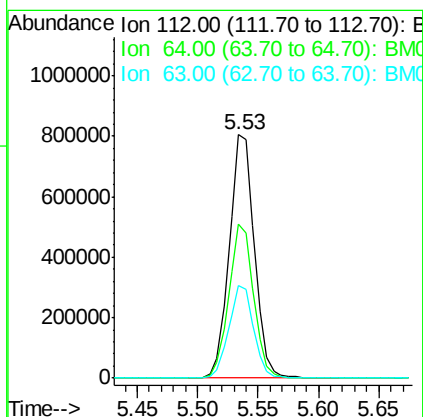
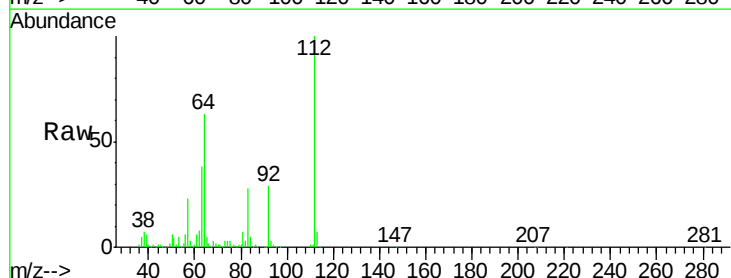
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	119.5	179.3
115	57.2	43.0	64.4

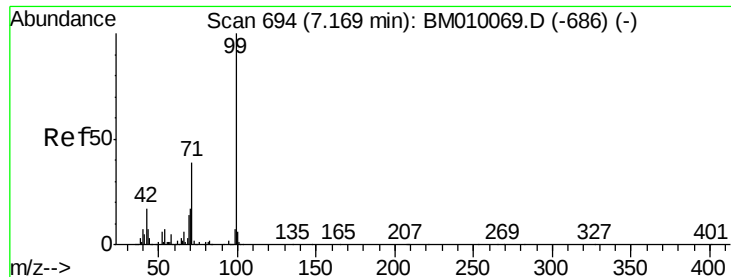


#5

2-Fluorophenol
Concen: 166.31 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010160.D
Acq: 24 May 2017 02:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	37.8	19.3	28.9#





#7

Phenol-d6

Concen: 163.63 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(6.5-8)

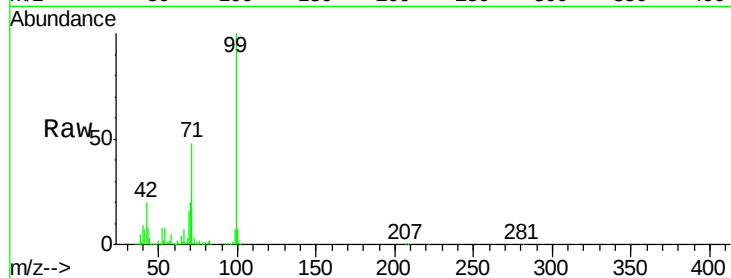
Tgt Ion: 99 Resp: 1474328

Ion Ratio Lower Upper

99 100

42 20.0 11.0 16.4#

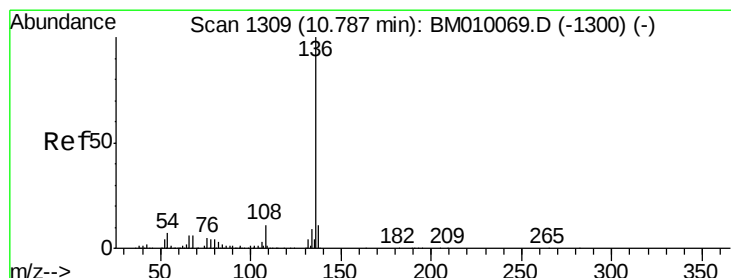
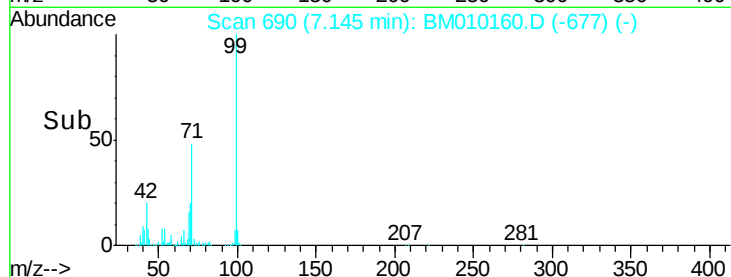
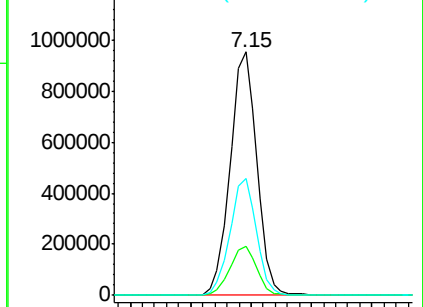
71 47.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010160.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010160.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010160.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

Tgt Ion: 136 Resp: 421701

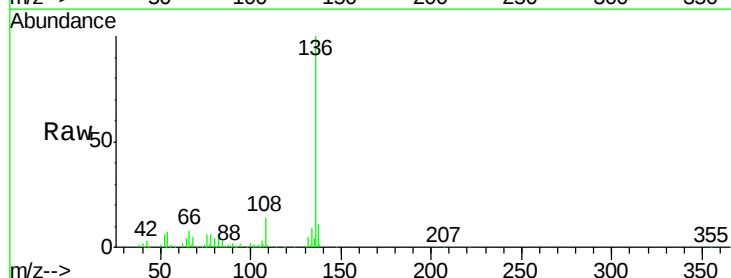
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.4 4.6 6.8#

68 4.7 3.7 5.5

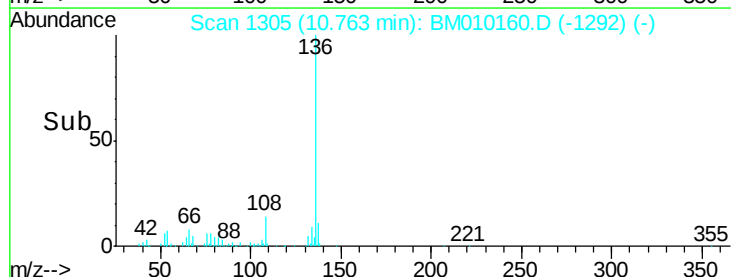
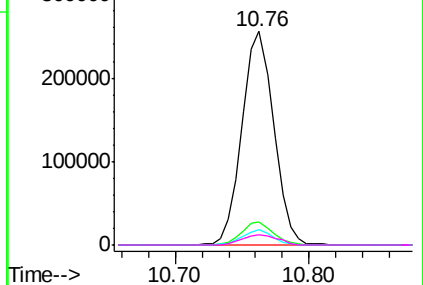


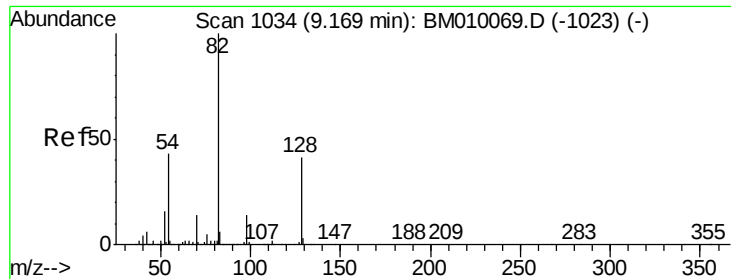
Abundance Ion 136.00 (135.70 to 136.70): BM010160.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010160.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010160.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010160.D (-1292) (-)

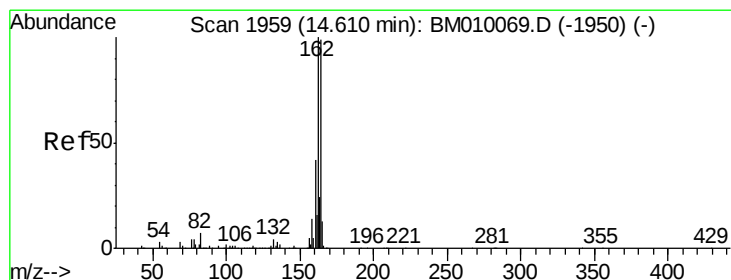
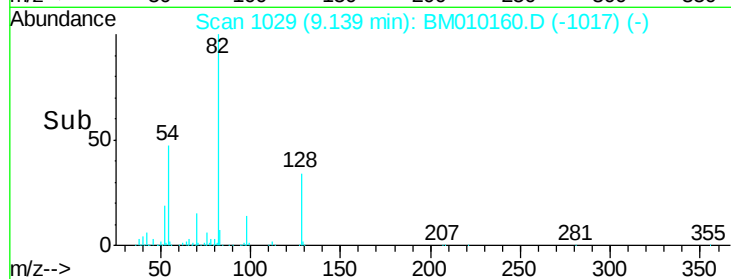
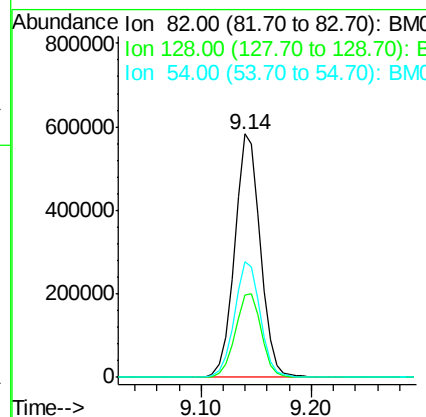
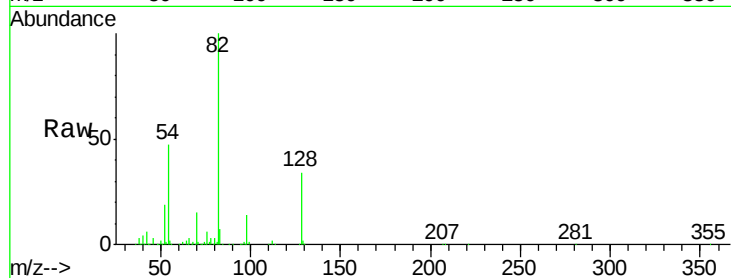




#23
 Nitrobenzene-d5
 Concen: 121.74 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010160.D
 Acq: 24 May 2017 02:35

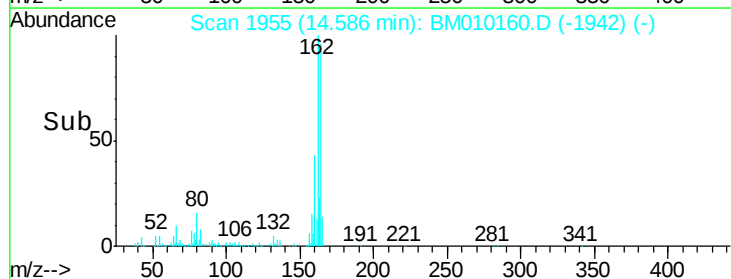
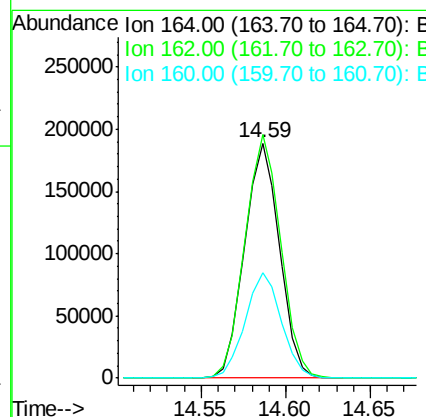
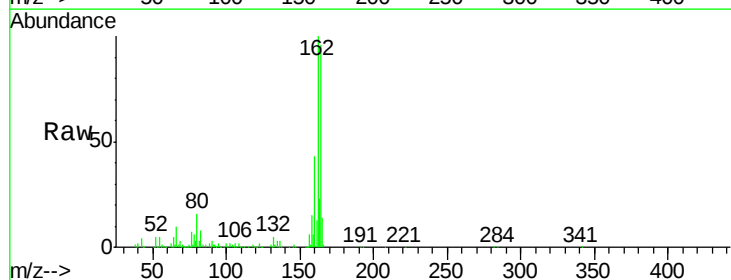
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(6.5-8)

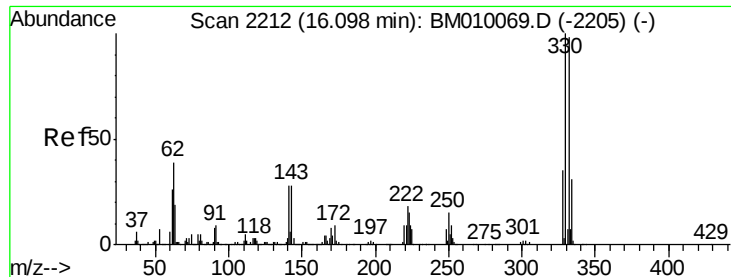
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	32.8	49.2
54	47.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010160.D
 Acq: 24 May 2017 02:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	45.1	35.8	53.6

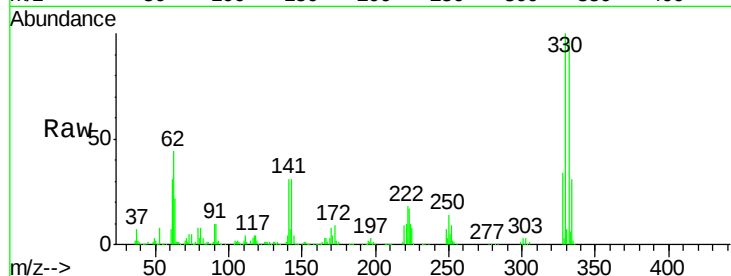




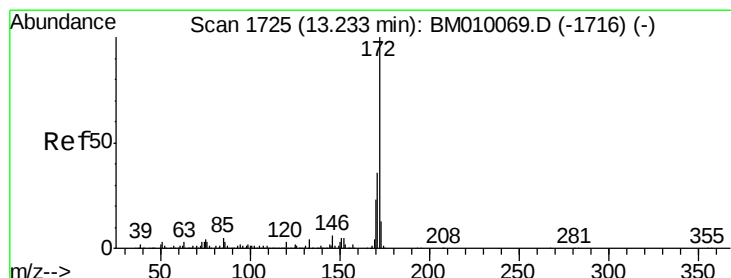
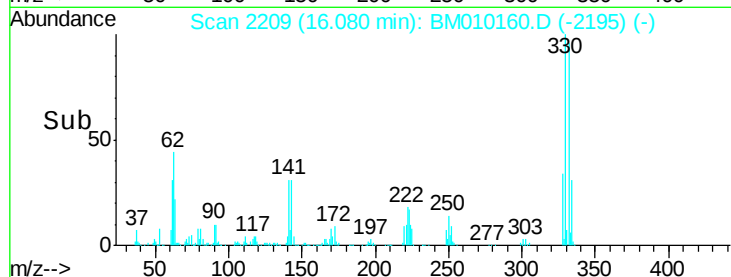
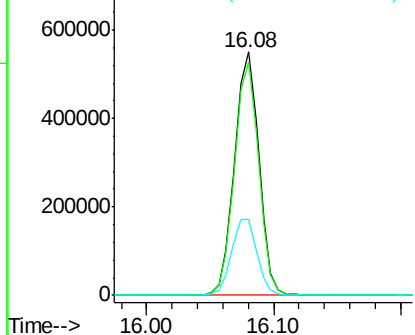
#41
 2,4,6-Tribromophenol
 Concen: 177.25 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010160.D
 Acq: 24 May 2017 02:35

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC7(6.5-8)

Tgt Ion:330 Resp: 732747
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 32.8 0.0 0.0#

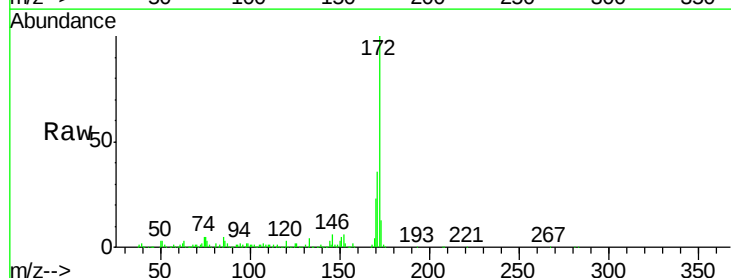


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

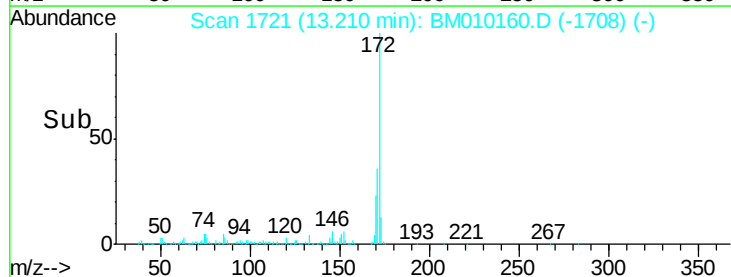
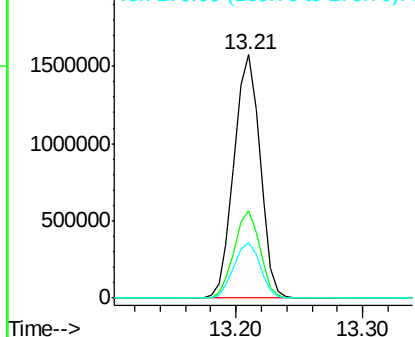


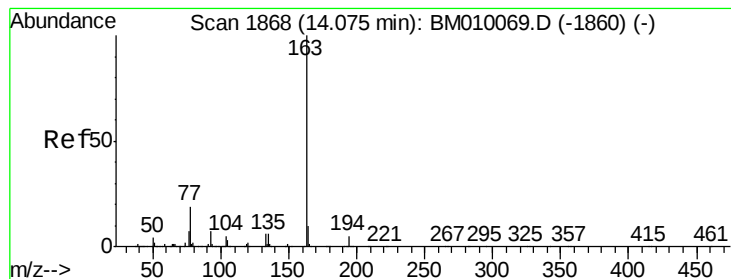
#44
 2-Fluorobiphenyl
 Concen: 105.93 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010160.D
 Acq: 24 May 2017 02:35

Tgt Ion:172 Resp: 2242787
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 22.9 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





#49

Dimethylphthalate

Concen: 12.78 ng

RT: 14.05 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(6.5-8)

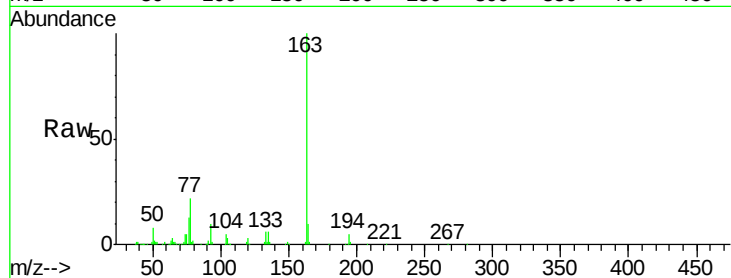
Tgt Ion:163 Resp: 310274

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

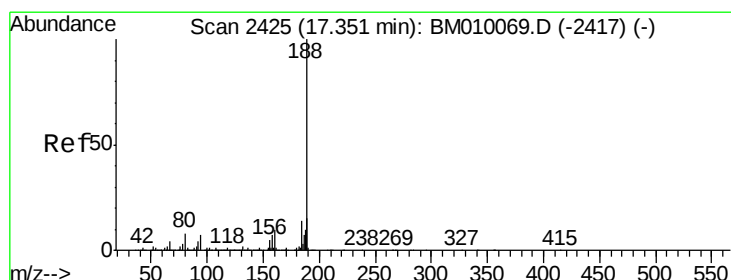
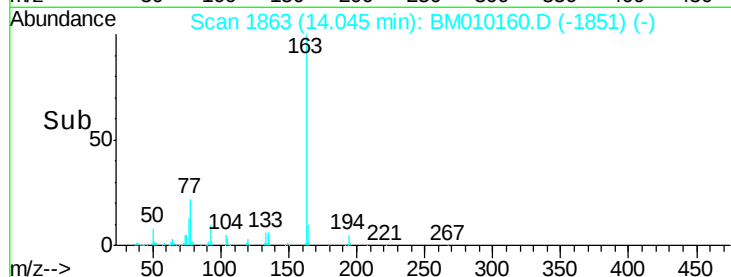
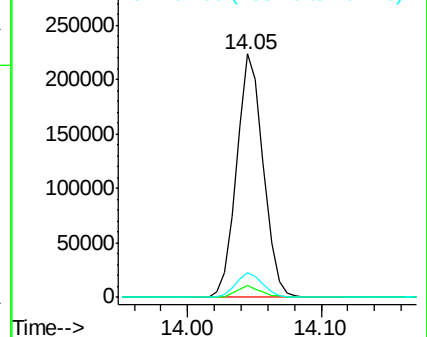
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

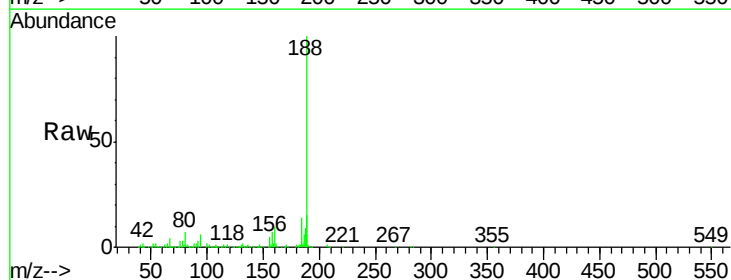
Tgt Ion:188 Resp: 710926

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

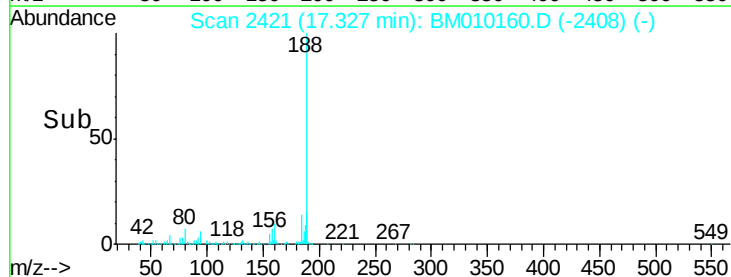
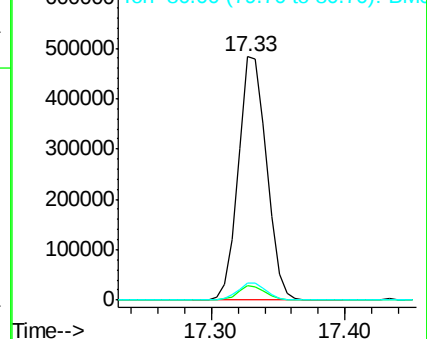
80 7.1 9.3 13.9#

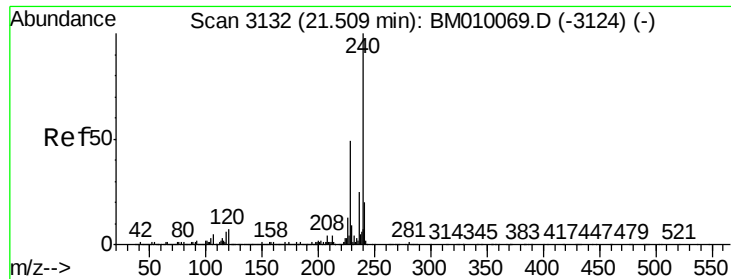


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3128

Delta R.T. -0.02 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

Instrument :

BNA_M

ClientSampleId :

EP2-WC7(6.5-8)

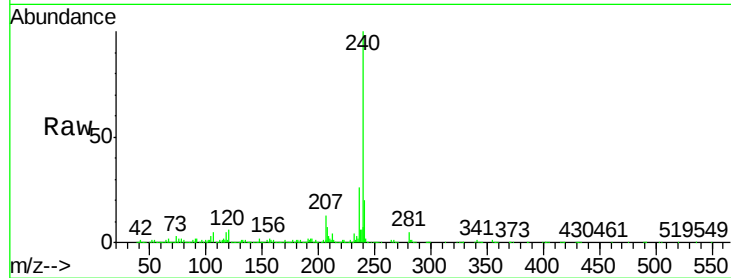
Tgt Ion:240 Resp: 1065820

Ion Ratio Lower Upper

240 100

120 5.6 8.2 12.2#

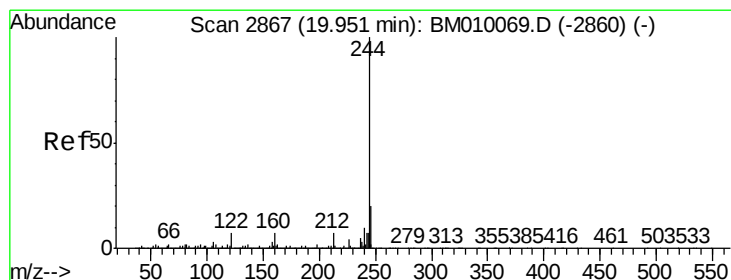
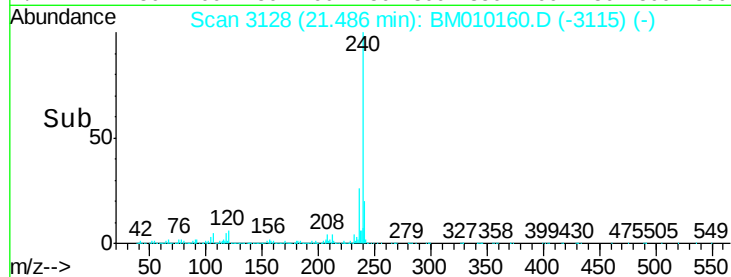
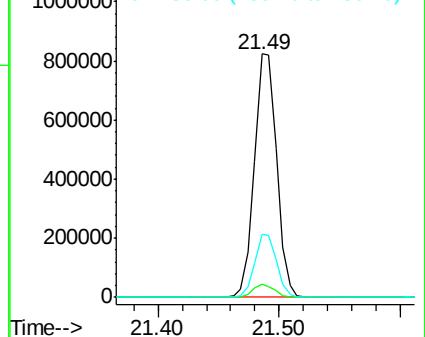
236 26.1 20.0 30.0



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: 87.62 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010160.D

Acq: 24 May 2017 02:35

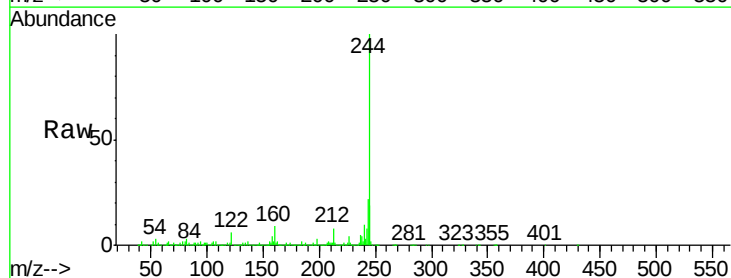
Tgt Ion:244 Resp: 4107003

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

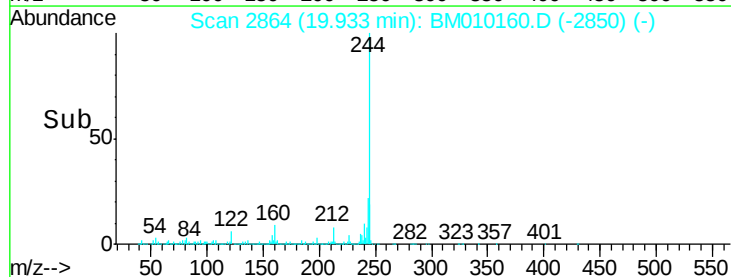
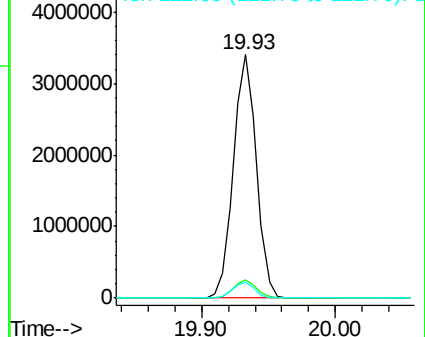
122 6.5 6.2 9.4

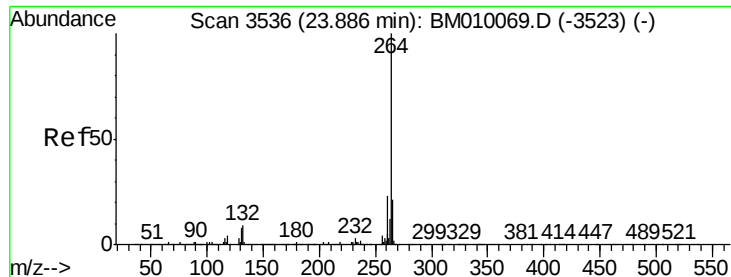


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



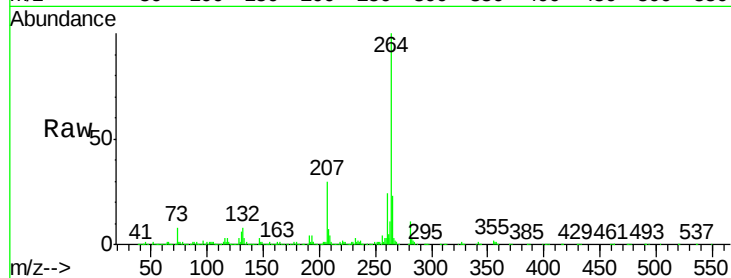


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010160.D
Acq: 24 May 2017 02:35

Instrument :
BNA_M
ClientSampleId :
EP2-WC7(6.5-8)

Tgt Ion:264 Resp: 1218114

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	23.0	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

