

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010193.D
 Acq On : 25 May 2017 00:02
 Operator : SJ/MA
 Sample : I3214-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC8(0-8)

Quant Time: May 25 07:18:39 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	118586	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	402831	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	260942	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	675011	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	984768	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1074905	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	872869	132.92	ng	-0.02
7) Phenol-d6	7.14	99	994281	117.67	ng	-0.03
23) Nitrobenzene-d5	9.14	82	769256	103.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	592305	149.45	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1944823	95.81	ng	-0.03
78) Terphenyl-d14	19.93	244	3912825	90.35	ng	-0.02

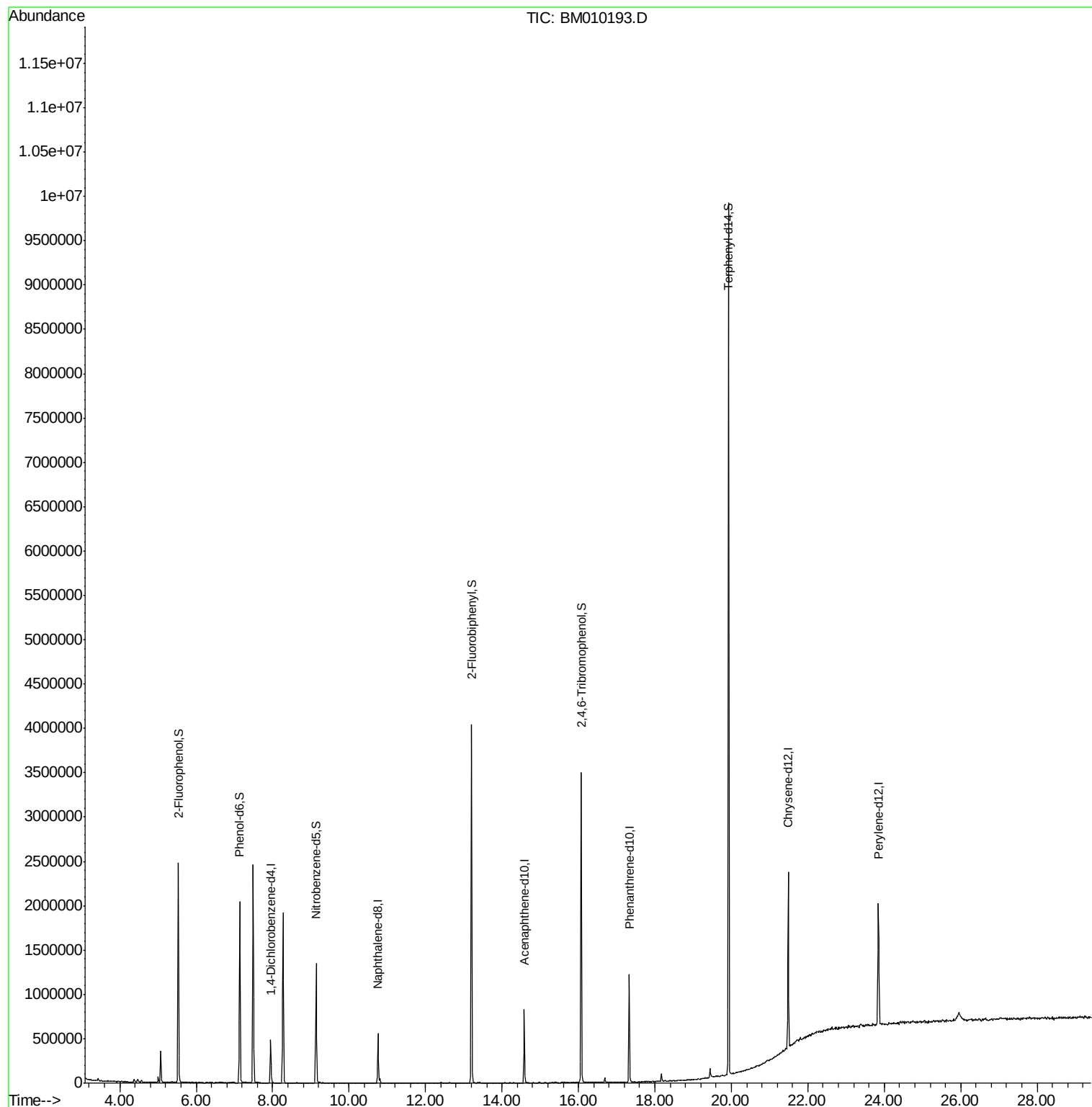
Target Compounds Qvalue

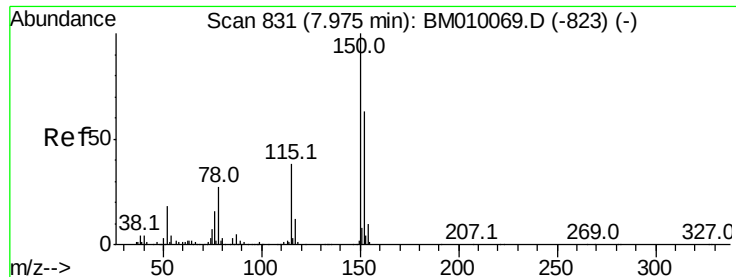
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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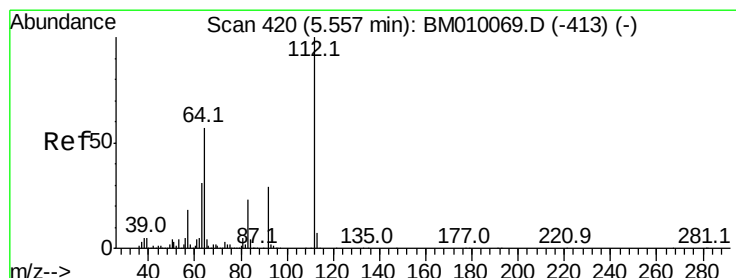
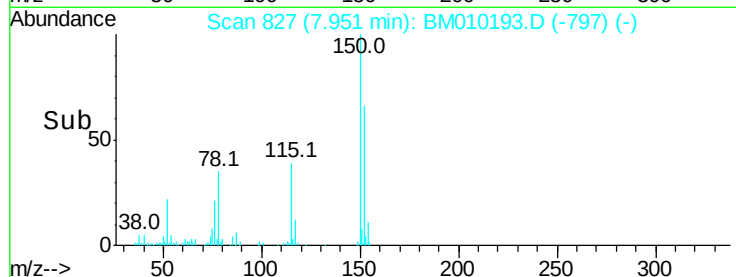
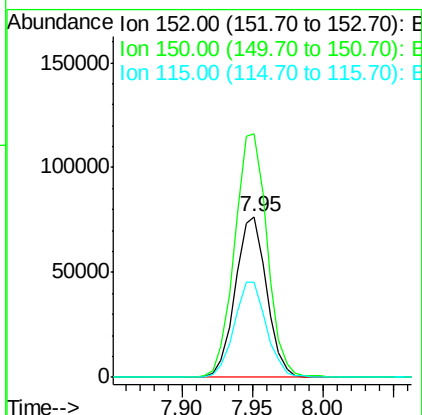
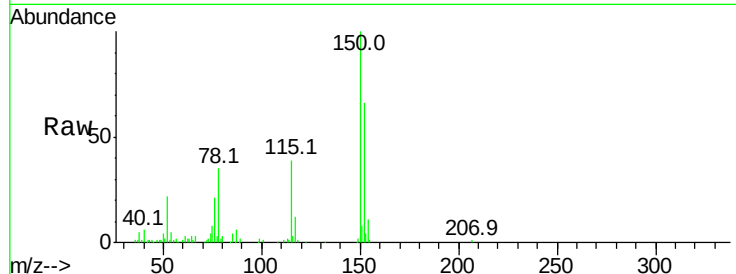


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010193.D
Acq: 25 May 2017 00:02

Instrument :
BNA_M
ClientSampleId :
EP2-WC8(0-8)

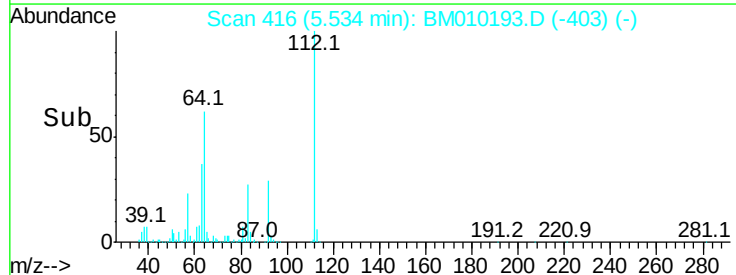
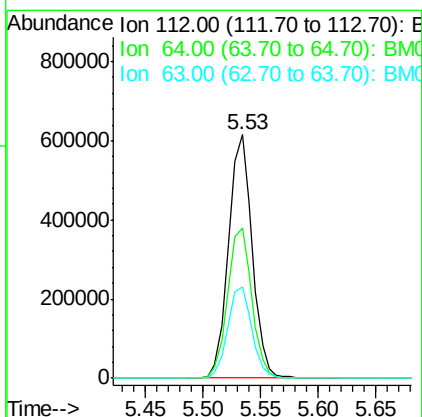
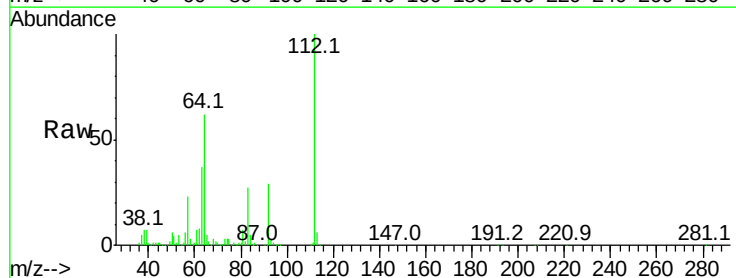
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	58.9	43.0	64.4

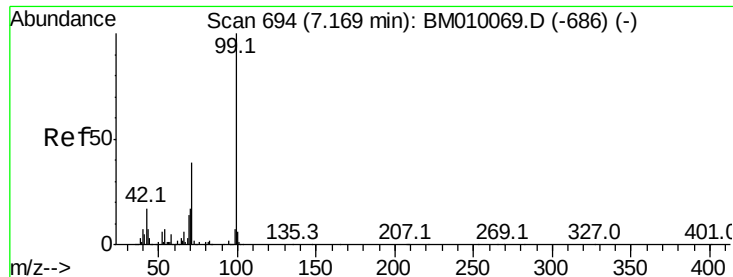


#5

2-Fluorophenol
Concen: 132.92 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010193.D
Acq: 25 May 2017 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	37.3	19.3	28.9#





#7

Phenol-d6

Concen: 117.67 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010193.D

Acq: 25 May 2017 00:02

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(0-8)

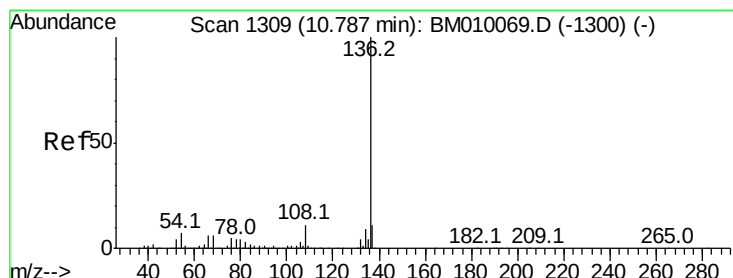
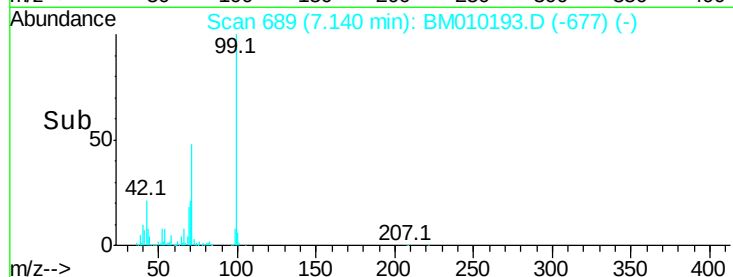
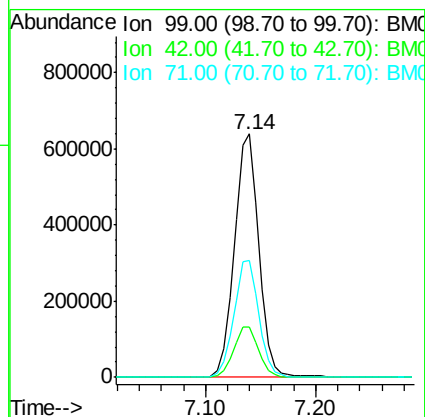
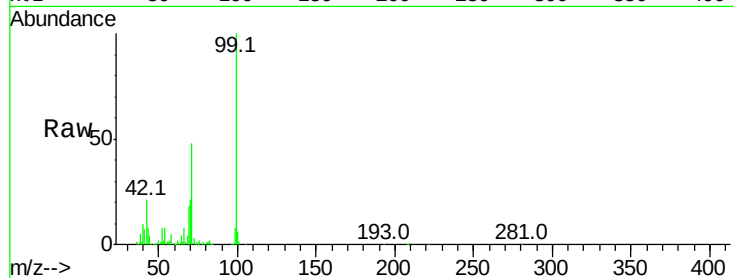
Tot Ion: 99 Resp: 994281

Ion Ratio Lower Upper

99 100

42 20.8 11.0 16.4#

71 47.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010193.D

Acq: 25 May 2017 00:02

Tgt Ion: 136 Resp: 402831

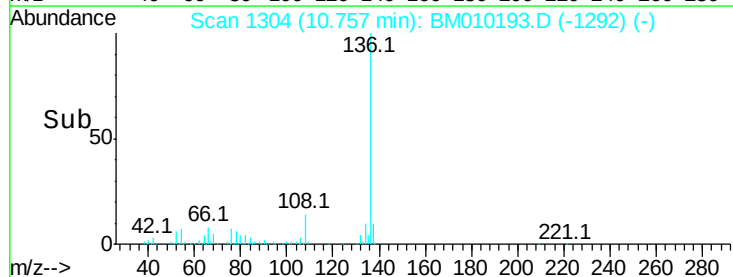
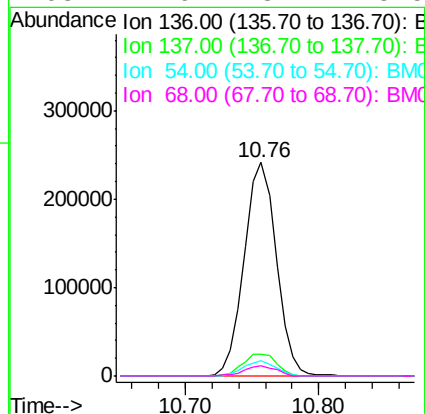
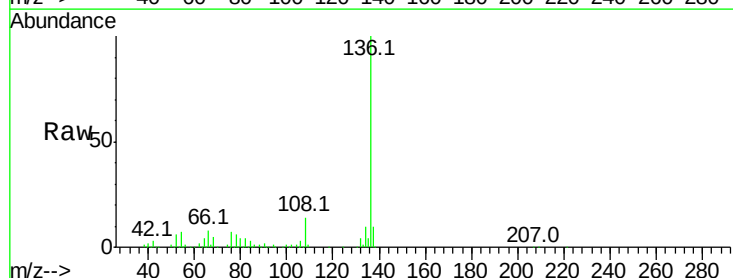
Ion Ratio Lower Upper

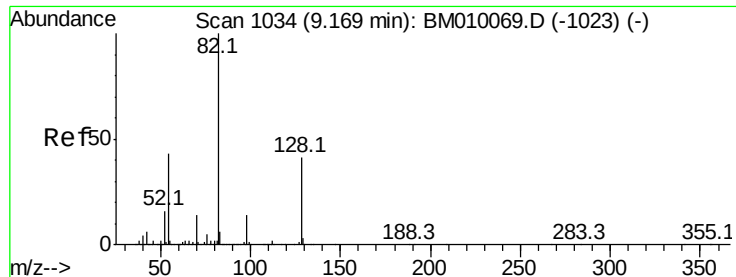
136 100

137 10.3 8.7 13.1

54 7.5 4.6 6.8#

68 4.6 3.7 5.5

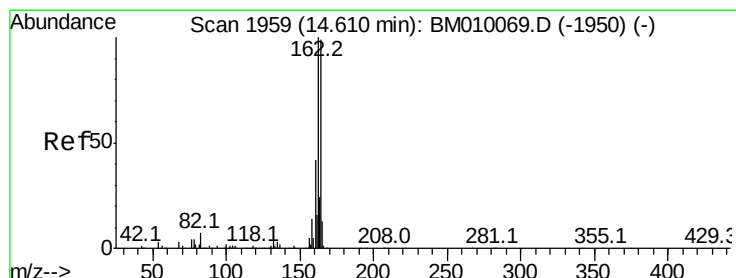
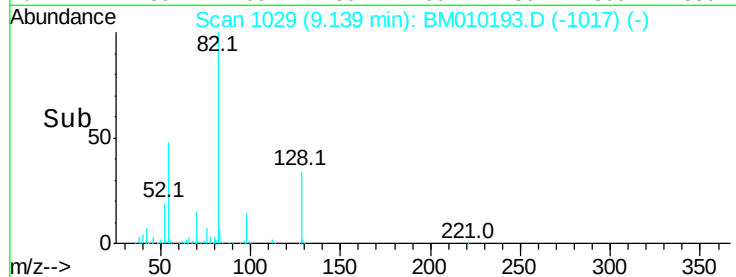
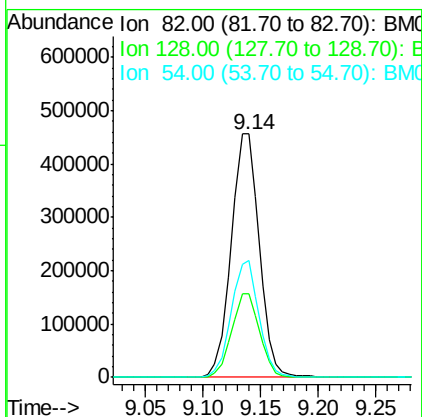
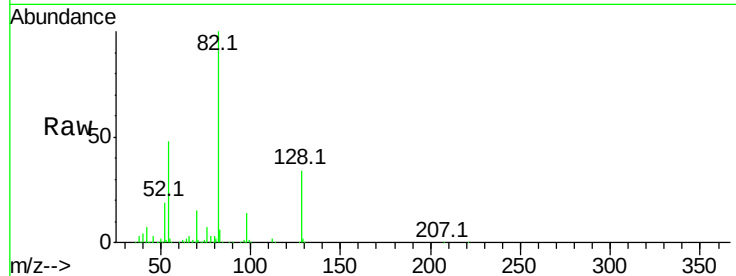




#23
 Nitrobenzene-d5
 Concen: 103.03 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010193.D
 Acq: 25 May 2017 00:02

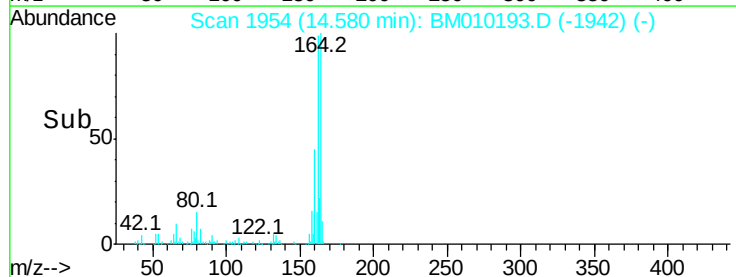
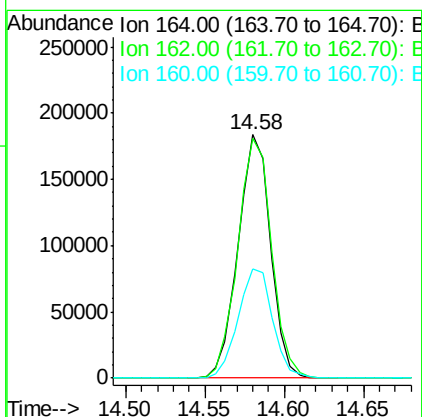
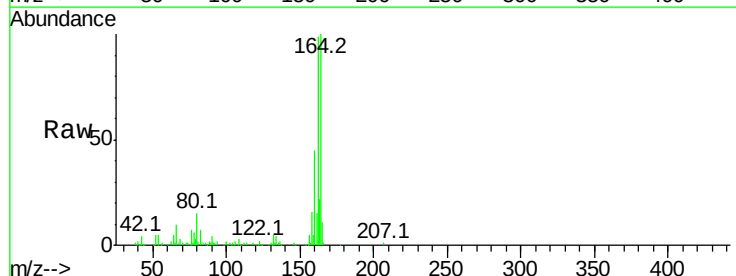
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC8(0-8)

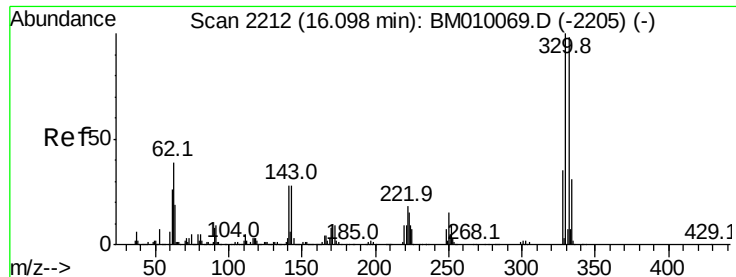
Tot Ion	82	Resp	769256
Ion Ratio	Lower	Upper	
82	100		
128	34.2	32.8	49.2
54	47.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010193.D
 Acq: 25 May 2017 00:02

Tgt Ion	164	Resp	260942
Ion Ratio	Lower	Upper	
164	100		
162	98.6	82.4	123.6
160	44.9	35.8	53.6

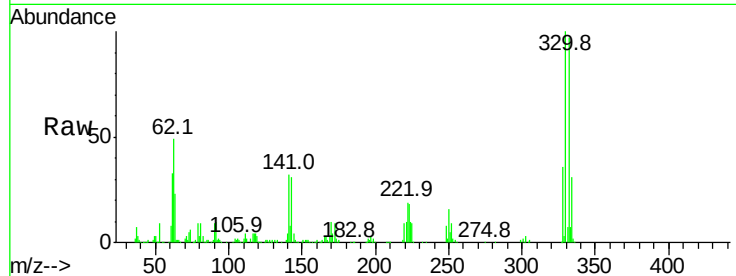




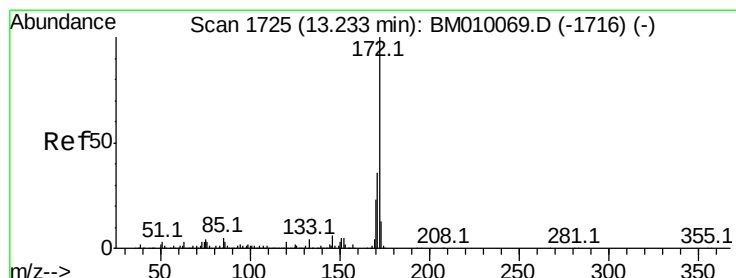
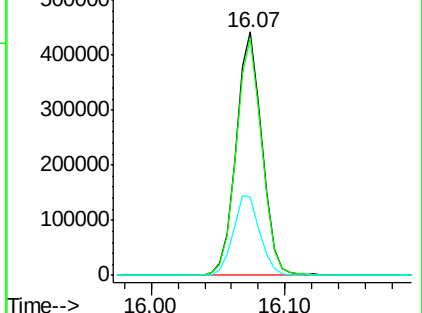
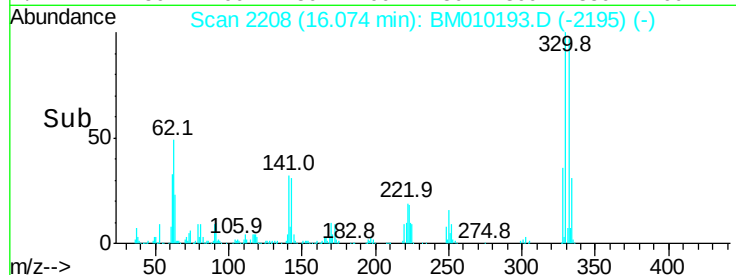
#41
2,4,6-Tribromophenol
Concen: 149.45 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010193.D
Acq: 25 May 2017 00:02

Instrument :
BNA_M
ClientSampleId :
EP2-WC8(0-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	34.3	0.0	0.0#

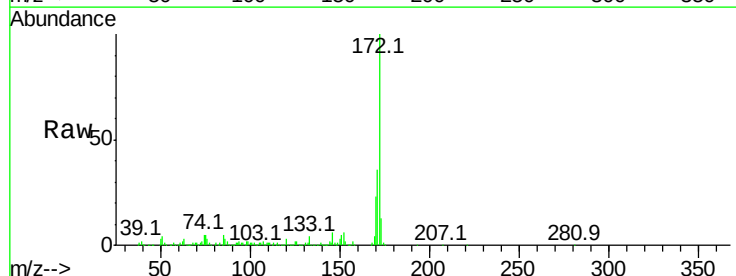


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

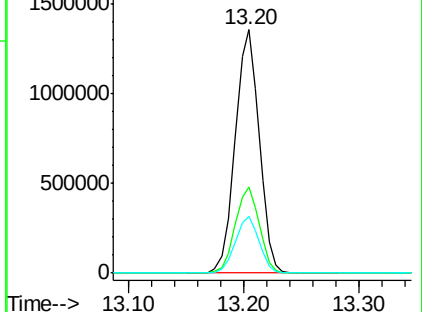
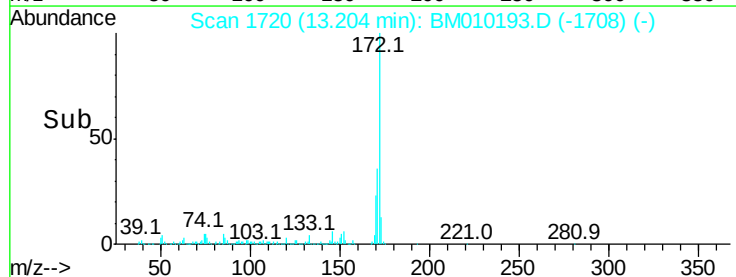


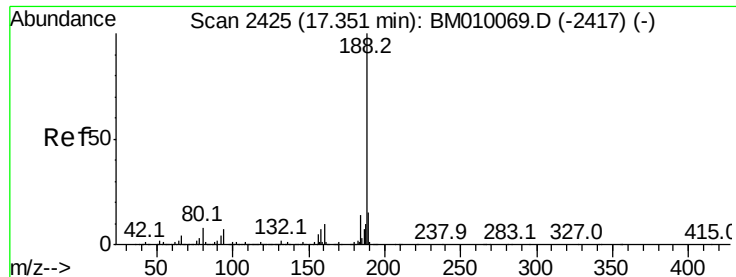
#44
2-Fluorobiphenyl
Concen: 95.81 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010193.D
Acq: 25 May 2017 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	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: BM010193.D

Acq: 25 May 2017 00:02

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(0-8)

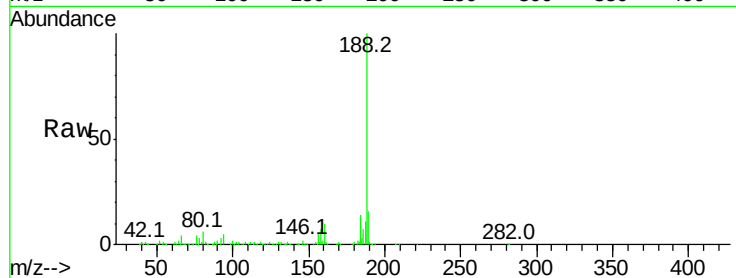
Tot Ion:188 Resp: 675011

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

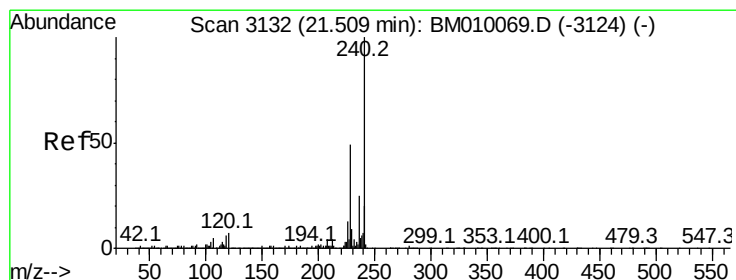
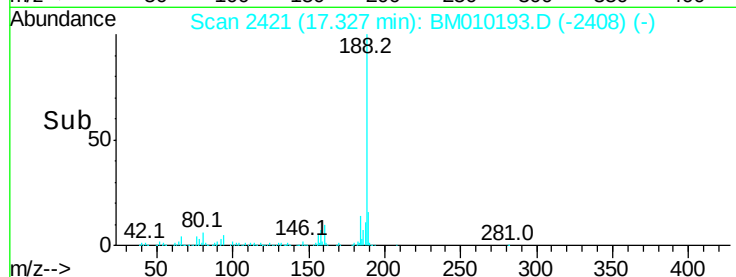
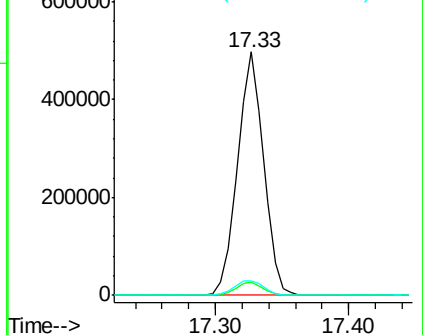
80 6.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM010193.D

Acq: 25 May 2017 00:02

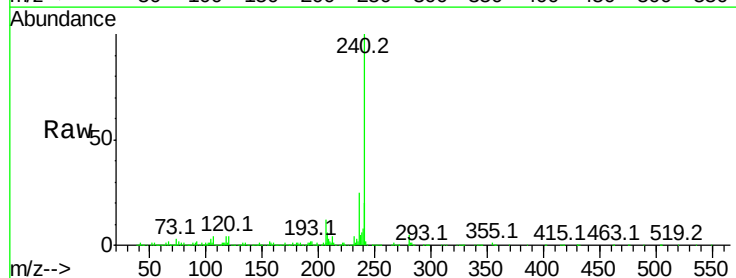
Tgt Ion:240 Resp: 984768

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

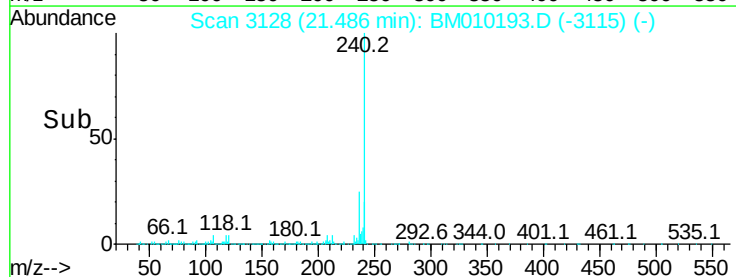
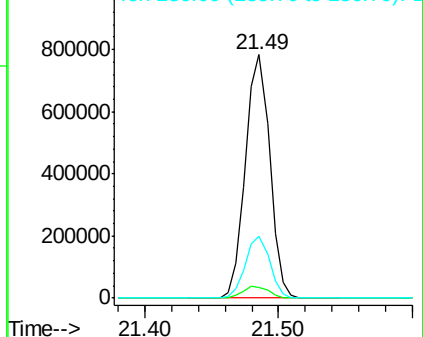
236 25.3 20.0 30.0

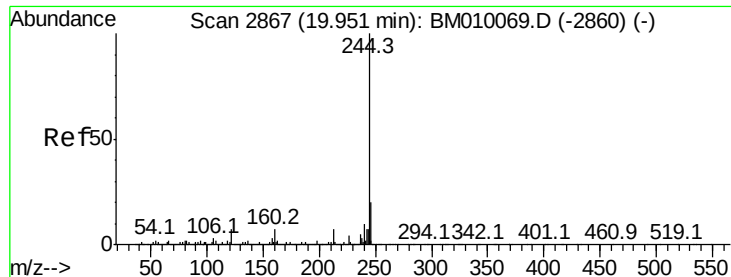


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.35 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010193.D

Acq: 25 May 2017 00:02

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(0-8)

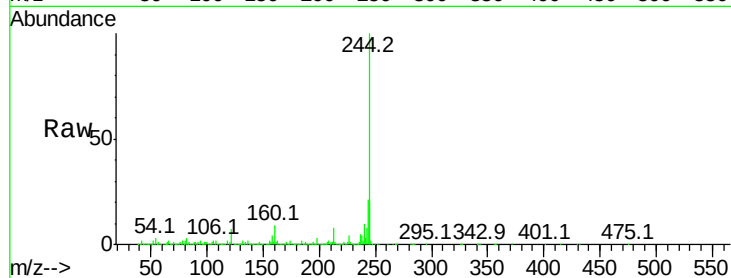
Tot Ion:244 Resp: 3912825

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

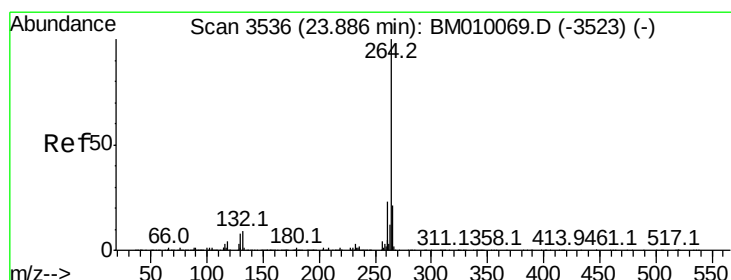
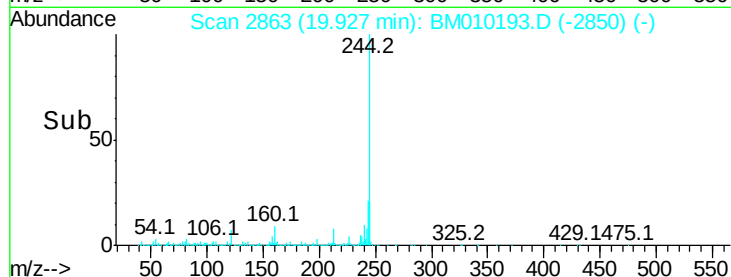
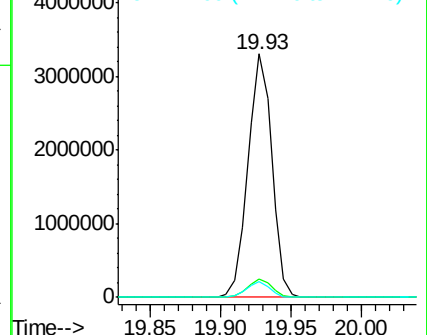
122 6.6 6.2 9.4



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: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010193.D

Acq: 25 May 2017 00:02

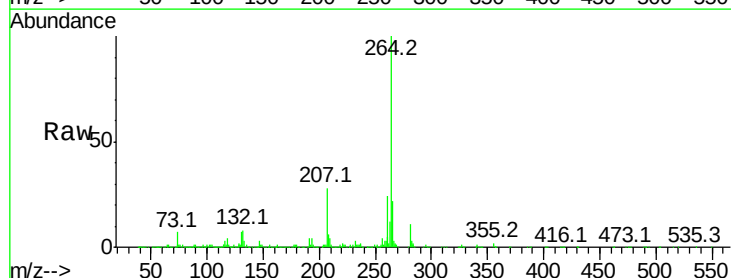
Tgt Ion:264 Resp: 1074905

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 22.2 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

