

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010199.D
 Acq On : 25 May 2017 03:38
 Operator : SJ/MA
 Sample : I3215-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(0-2)

Quant Time: May 25 13:59:34 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	118237	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	387002	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	245138	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	651702	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	989451	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1114832	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	955380	145.92	ng	-0.02
7) Phenol-d6	7.13	99	1062309	126.09	ng	-0.04
23) Nitrobenzene-d5	9.13	82	807479	112.57	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	612857	164.61	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1993099	104.52	ng	-0.03
78) Terphenyl-d14	19.93	244	4127035	94.84	ng	-0.02

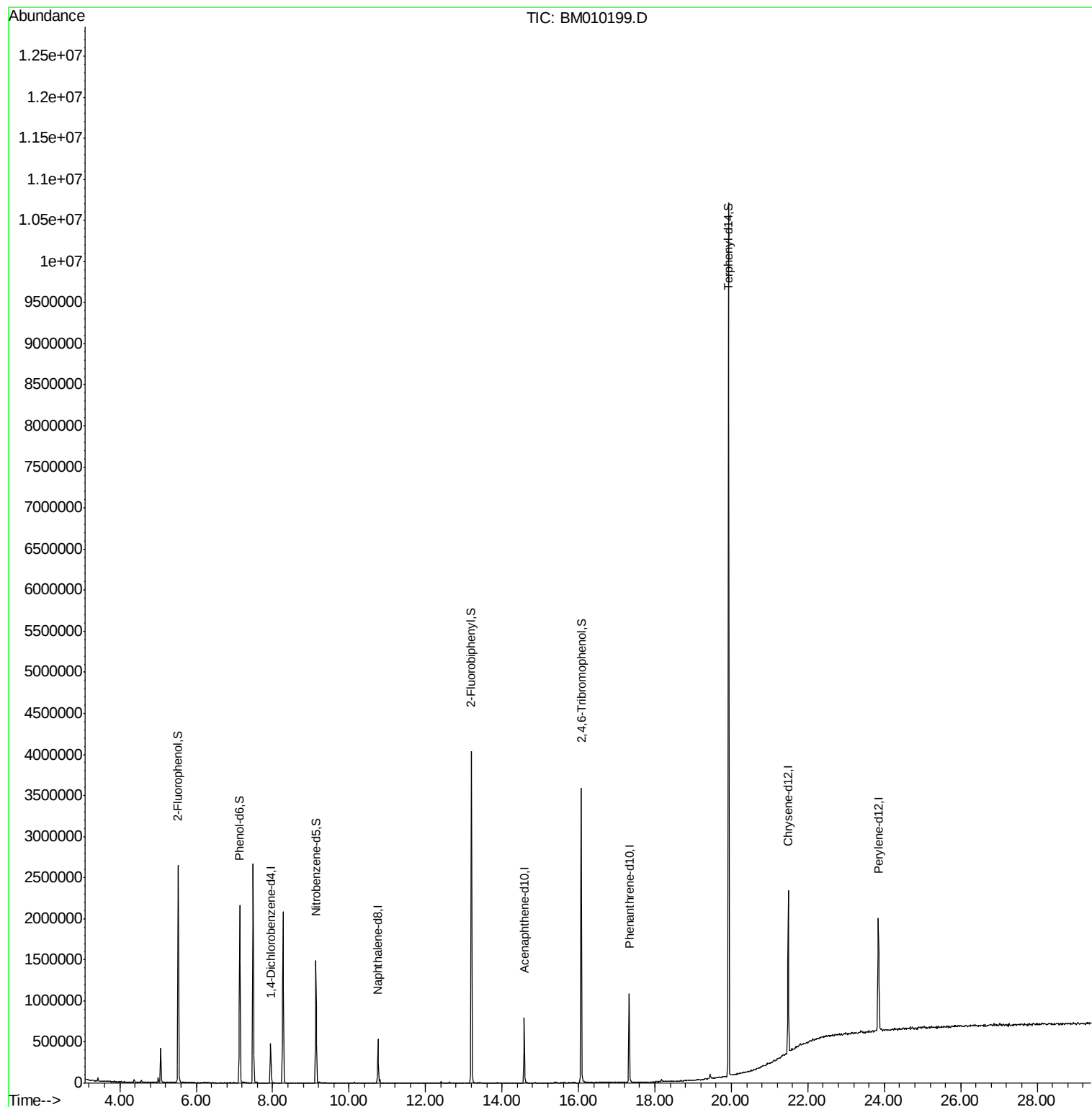
Target Compounds Qvalue

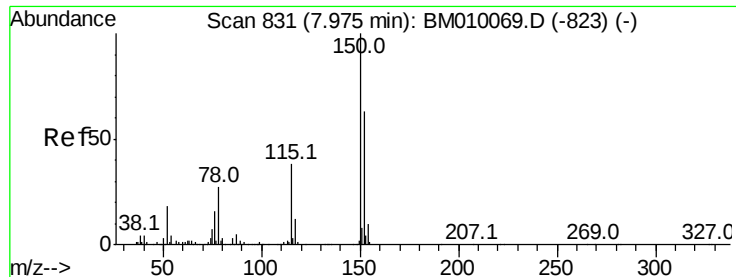
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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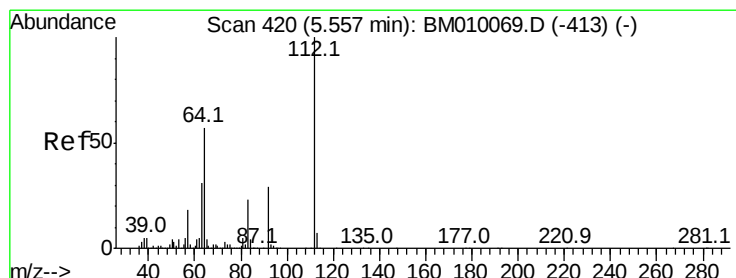
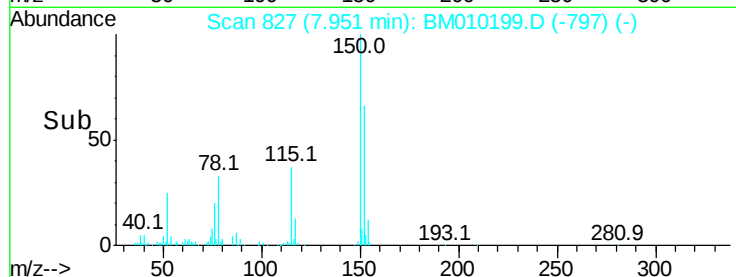
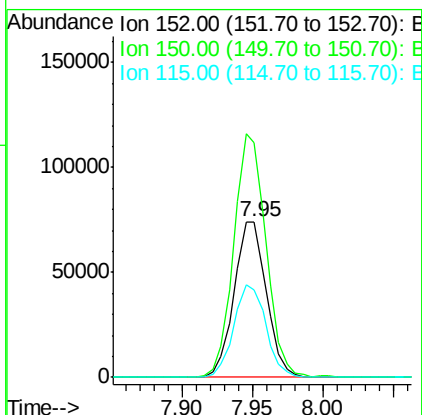
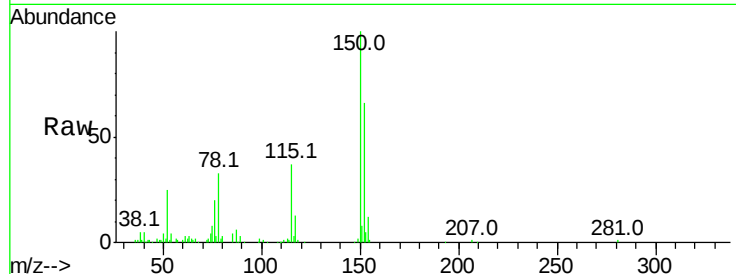


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010199.D
Acq: 25 May 2017 03:38

Instrument :
BNA_M
ClientSampleId :
EP1-WC11(0-2)

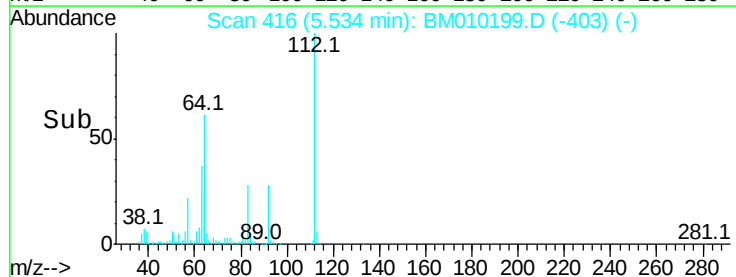
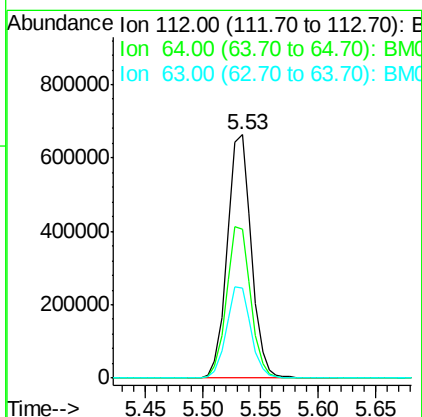
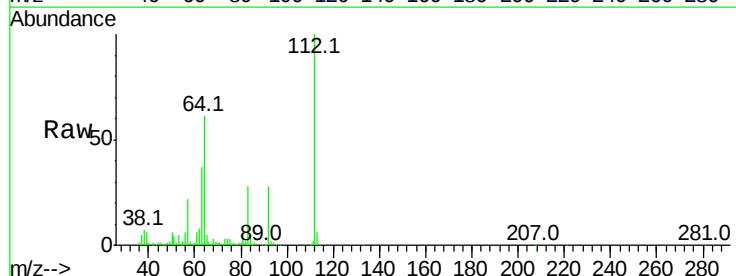
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	56.0	43.0	64.4



#5

2-Fluorophenol
Concen: 145.92 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010199.D
Acq: 25 May 2017 03:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	38.6	57.8#
63	36.9	19.3	28.9#





#7

Phenol-d6

Concen: 126.09 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010199.D

Acq: 25 May 2017 03:38

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(0-2)

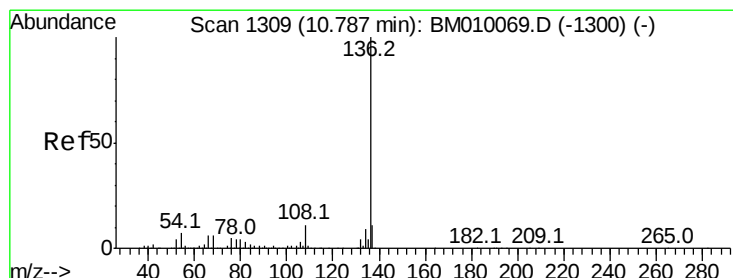
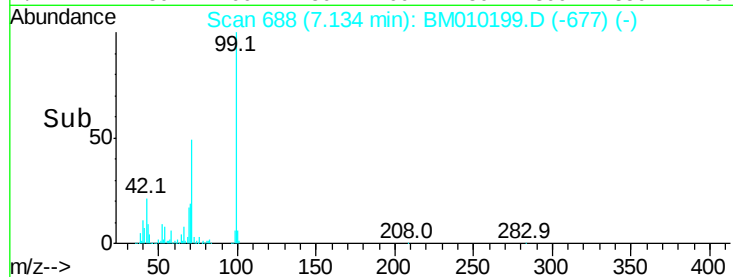
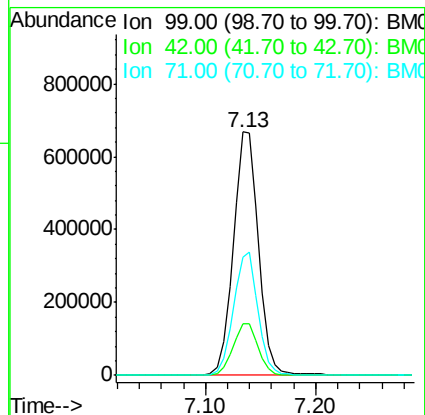
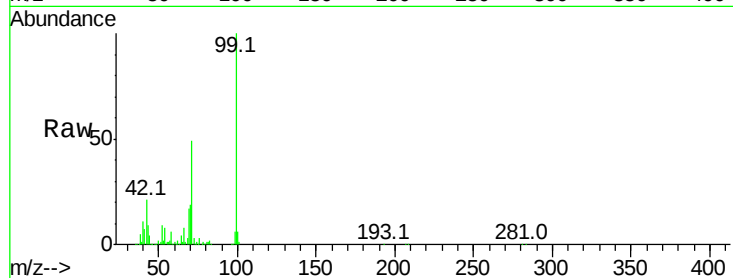
Tot Ion: 99 Resp: 1062309

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

71 48.5 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: BM010199.D

Acq: 25 May 2017 03:38

Tgt Ion: 136 Resp: 387002

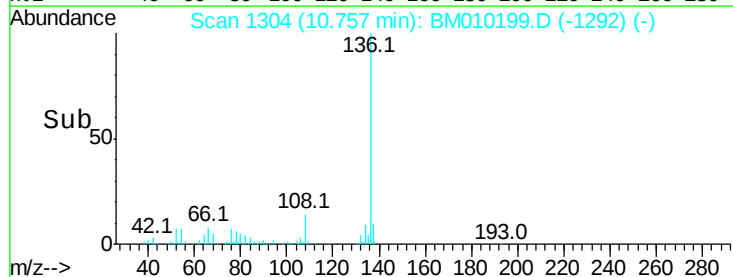
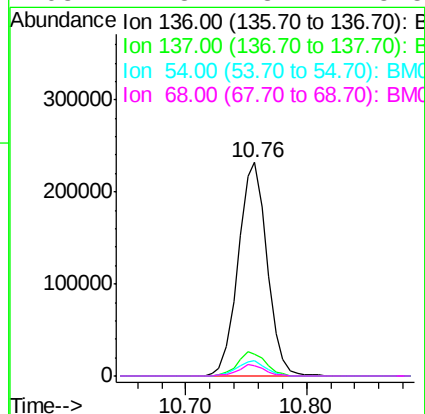
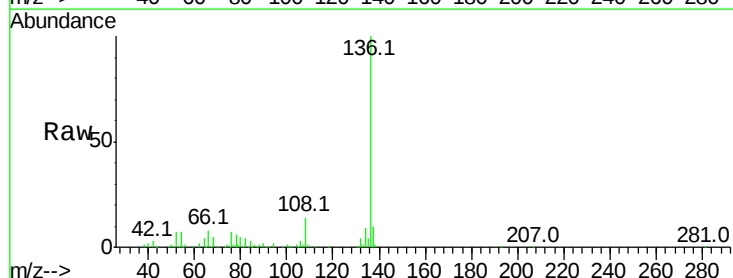
Ion Ratio Lower Upper

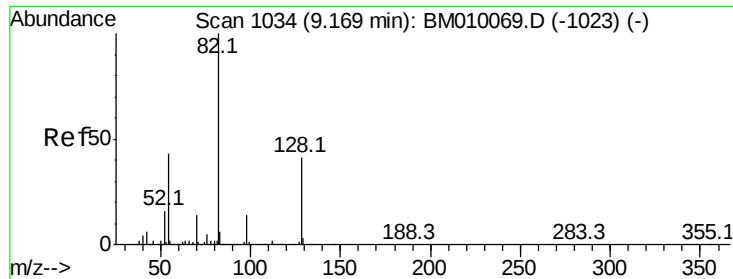
136 100

137 10.3 8.7 13.1

54 7.4 4.6 6.8#

68 4.8 3.7 5.5

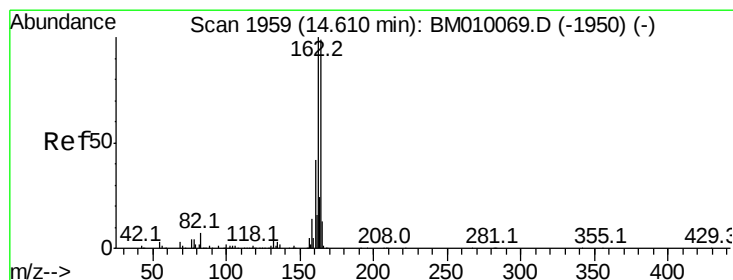
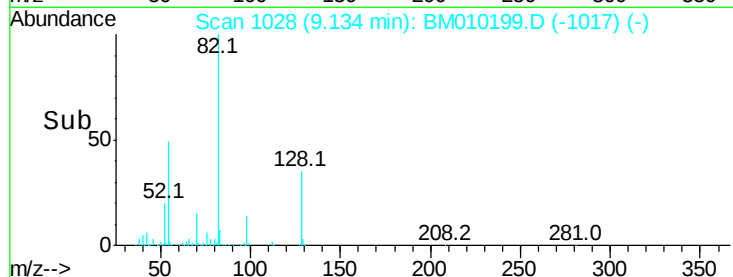
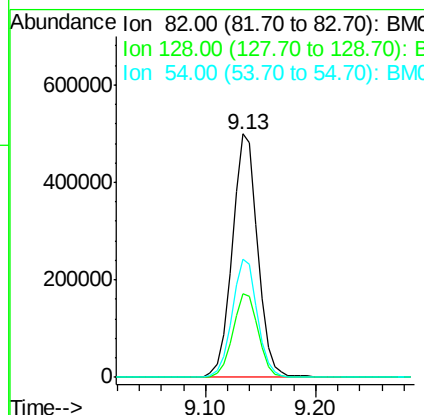
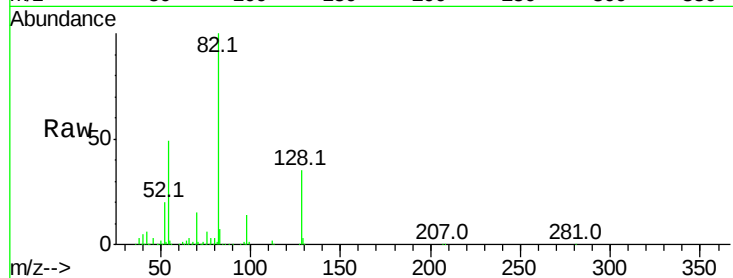




#23
 Nitrobenzene-d5
 Concen: 112.57 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010199.D
 Acq: 25 May 2017 03:38

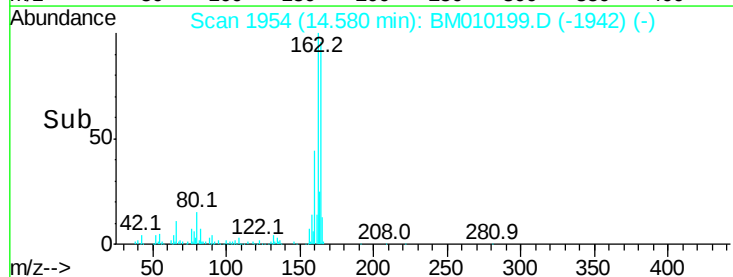
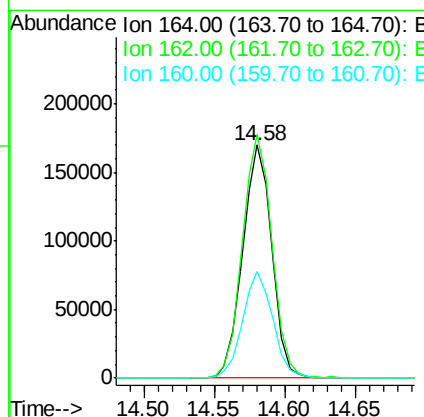
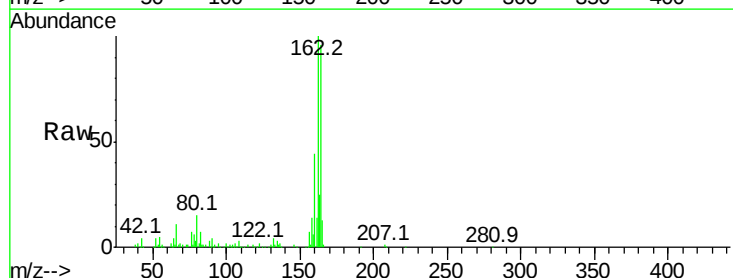
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(0-2)

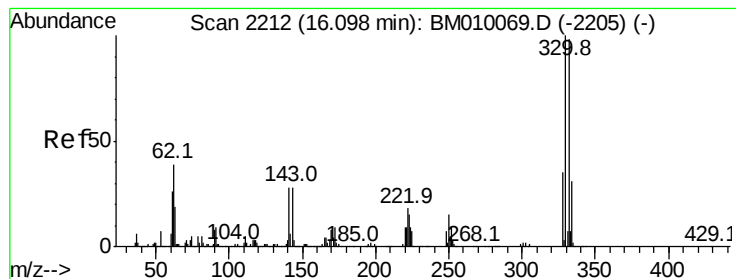
Tot Ion	82	Resp	807479
Ion Ratio	Lower	Upper	
82	100		
128	34.6	32.8	49.2
54	48.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010199.D
 Acq: 25 May 2017 03:38

Tgt Ion	164	Resp	245138
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.4	123.6
160	45.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 164.61 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010199.D

Acq: 25 May 2017 03:38

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(0-2)

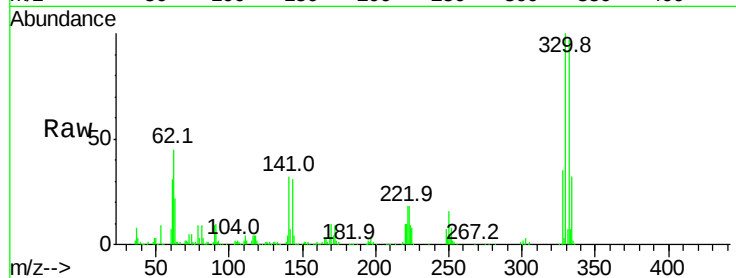
Tot Ion:330 Resp: 612857

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

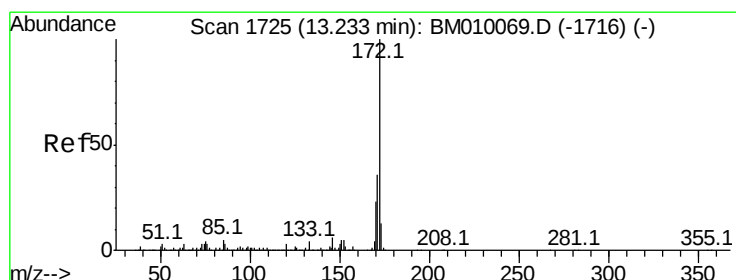
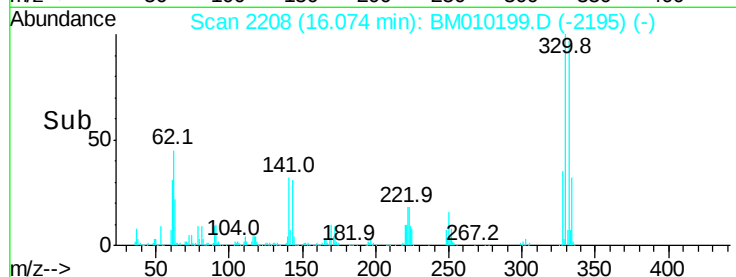
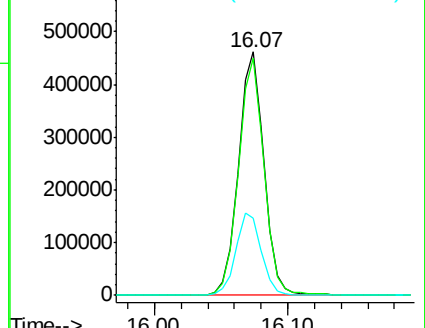
141 34.2 0.0 0.0#



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: 104.52 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BM010199.D

Acq: 25 May 2017 03:38

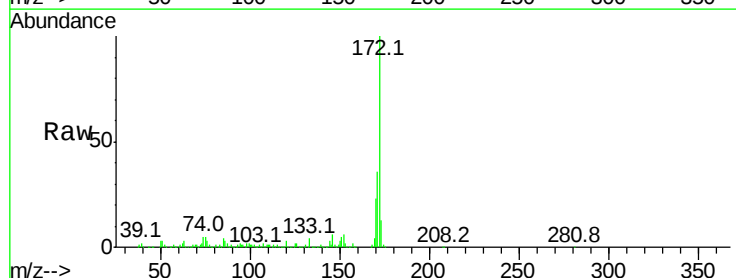
Tgt Ion:172 Resp: 1993099

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

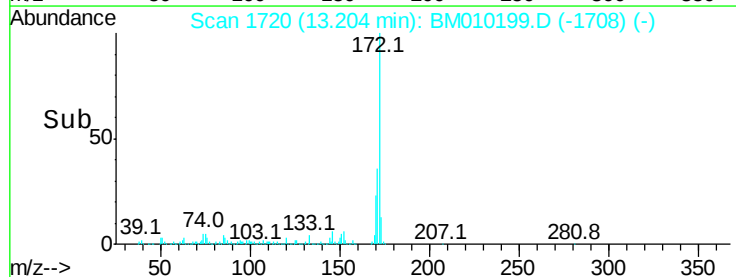
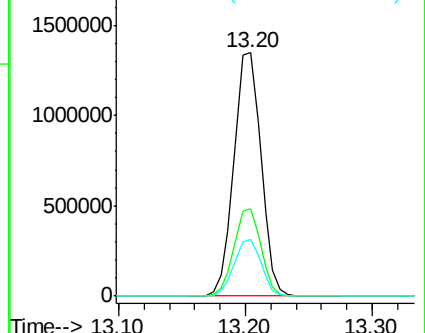
170 23.4 18.8 28.2

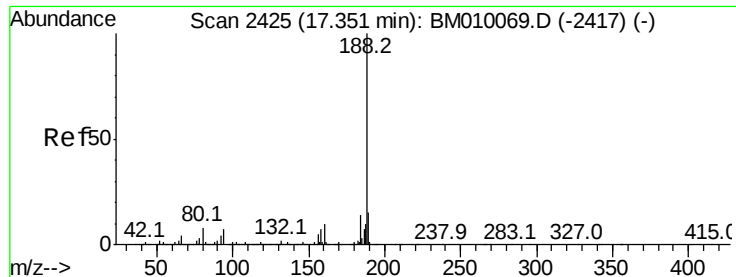


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010199.D

Acq: 25 May 2017 03:38

Instrument :

BNA_M

ClientSampleId :

EP1-WC11(0-2)

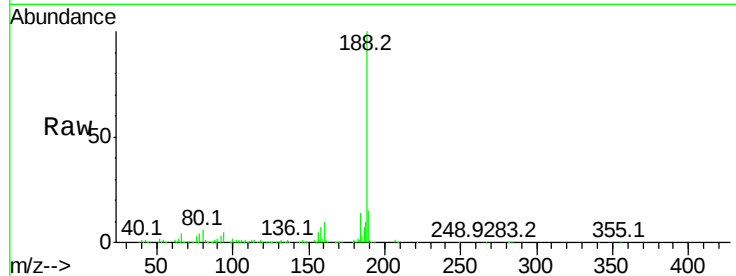
Tot Ion:188 Resp: 651702

Ion Ratio Lower Upper

188 100

94 5.3 8.7 13.1#

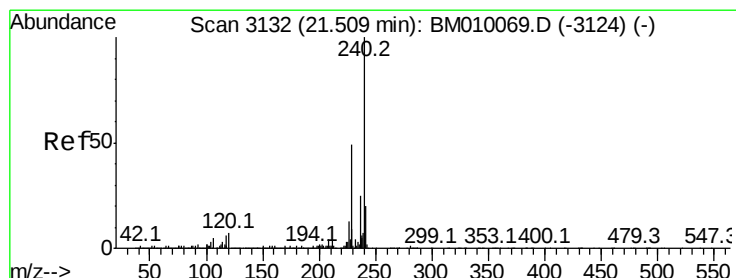
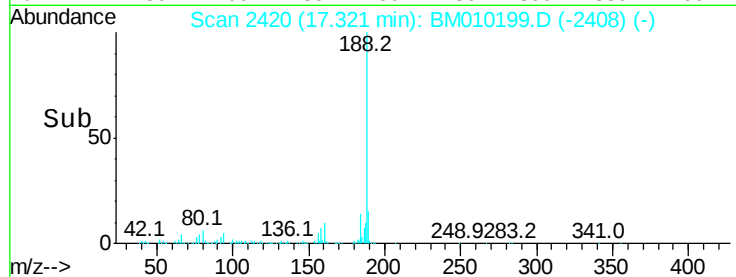
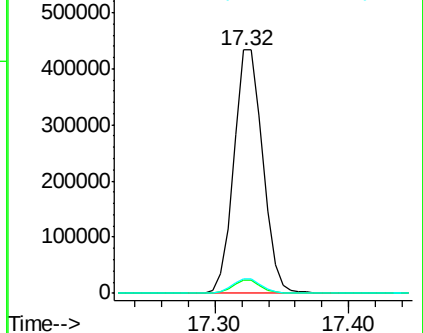
80 6.2 9.3 13.9#



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: BM010199.D

Acq: 25 May 2017 03:38

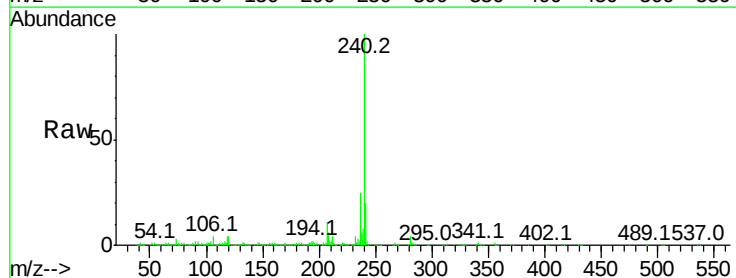
Tgt Ion:240 Resp: 989451

Ion Ratio Lower Upper

240 100

120 4.4 8.2 12.2#

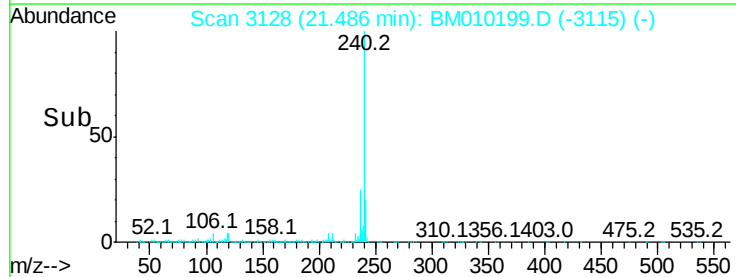
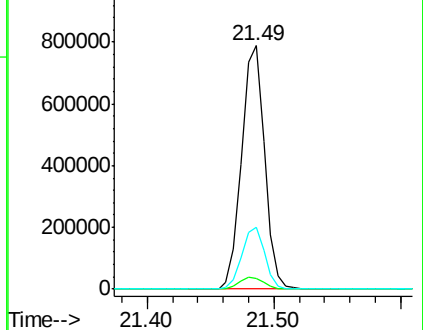
236 25.3 20.0 30.0

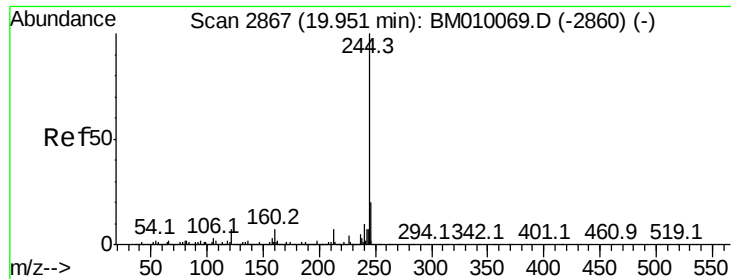


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

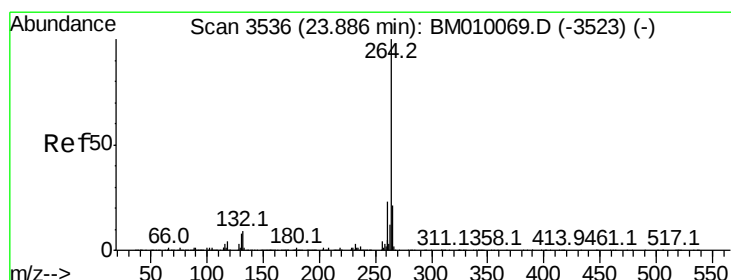
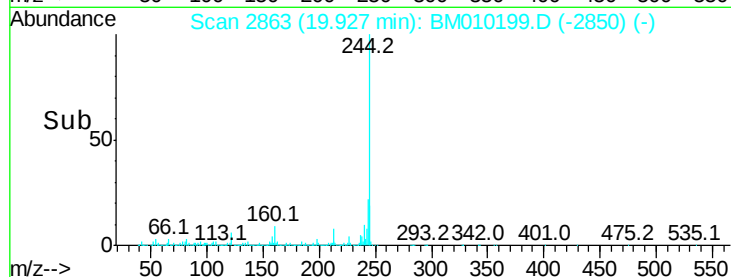
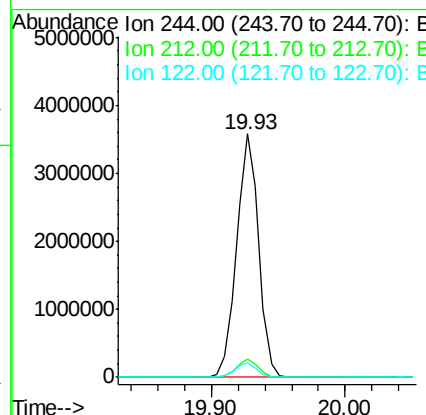
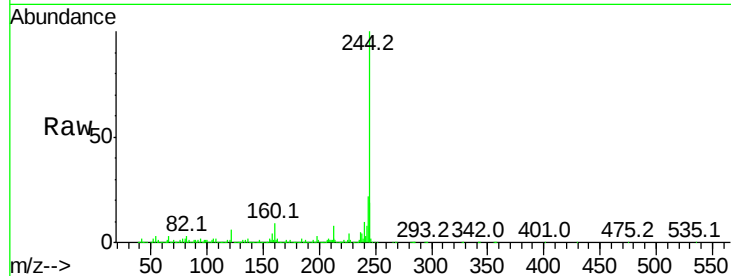




#78
 Terphenyl-d14
 Concen: 94.84 ng
 RT: 19.93 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM010199.D
 Acq: 25 May 2017 03:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC11(0-2)

Tot Ion:244 Resp: 4127035
 Ion Ratio Lower Upper
 244 100
 212 7.6 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: BM010199.D
 Acq: 25 May 2017 03:38

Tgt Ion:264 Resp: 1114832
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.8 17.3 25.9

