

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010183.D
 Acq On : 24 May 2017 16:39
 Operator : SJ/MA
 Sample : I3290-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4

Quant Time: May 25 06:46:58 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	128424	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	425565	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	266008	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	678901	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1060355	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1207477	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	995349	139.96	ng	-0.02
7) Phenol-d6	7.14	99	1135513	124.09	ng	-0.03
23) Nitrobenzene-d5	9.14	82	850748	107.85	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	633906	156.90	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2135949	103.23	ng	-0.03
78) Terphenyl-d14	19.93	244	4118605	88.32	ng	-0.02

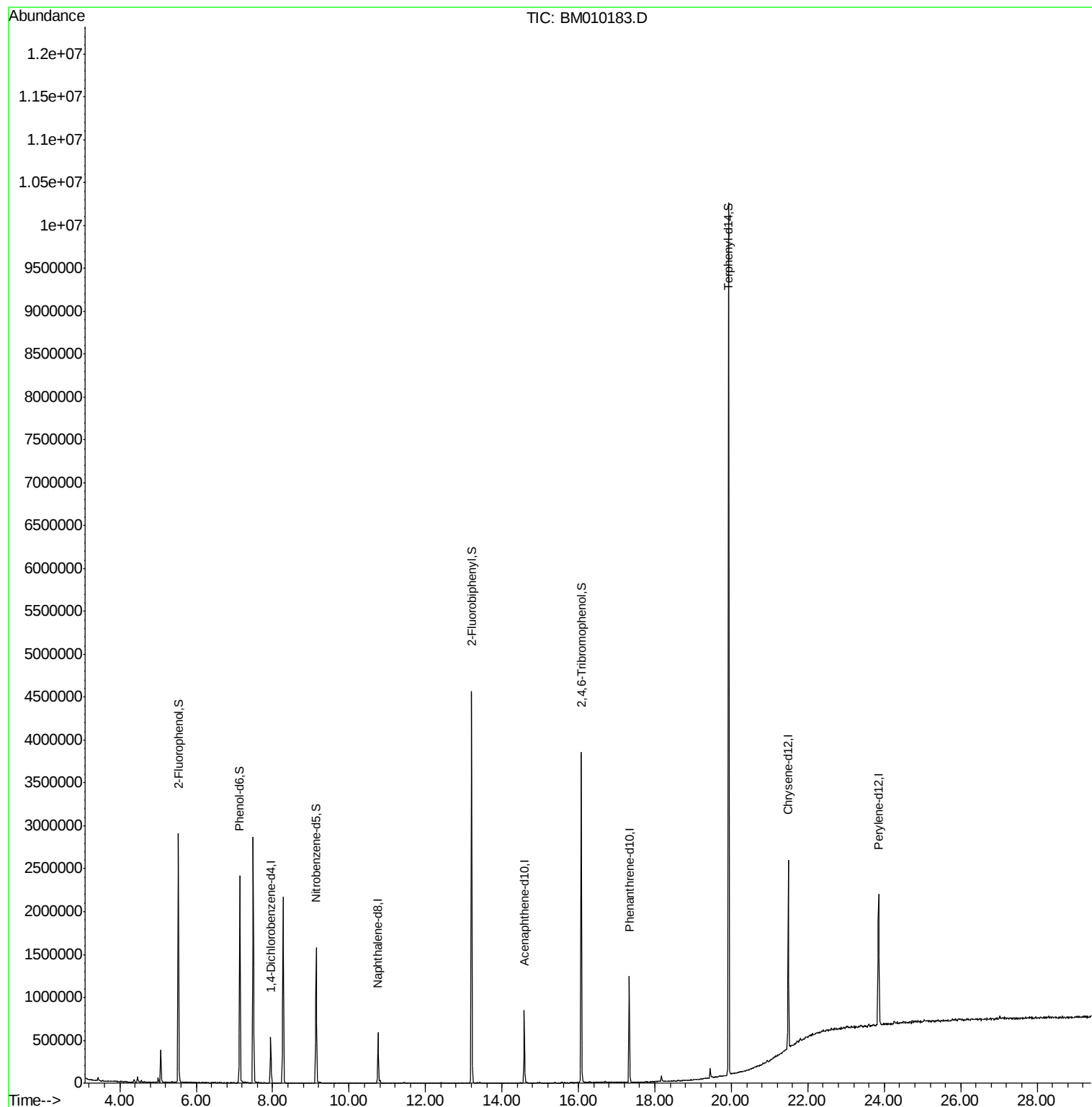
Target Compounds Qvalue

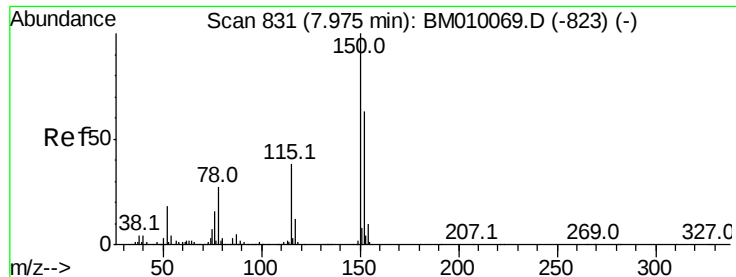
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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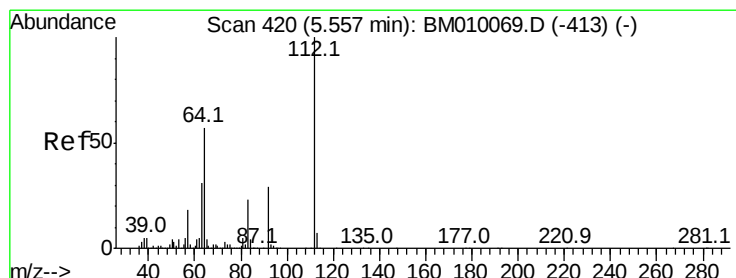
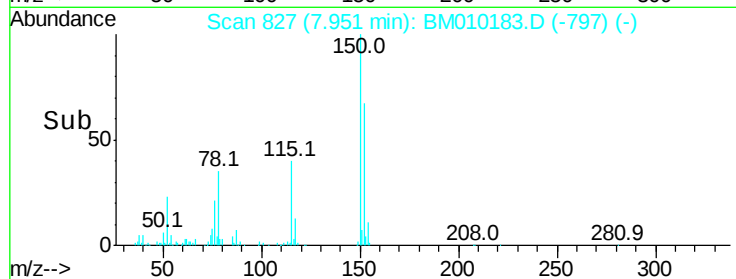
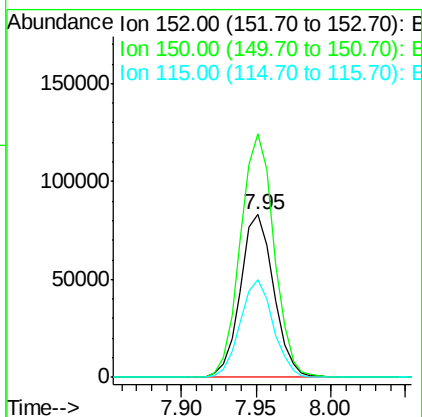
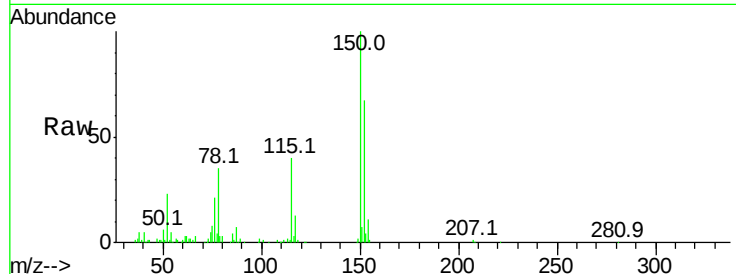


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010183.D
Acq: 24 May 2017 16:39

Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4

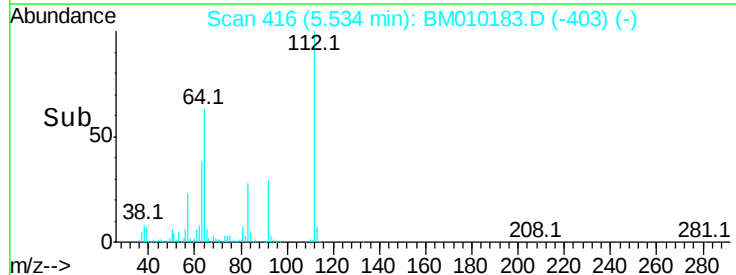
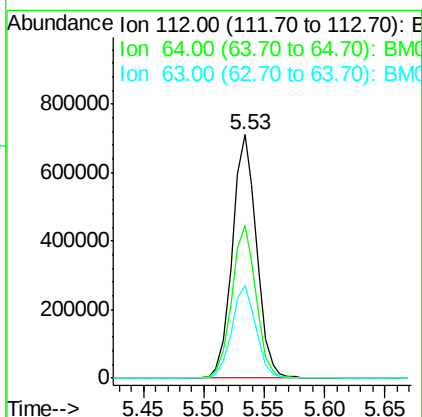
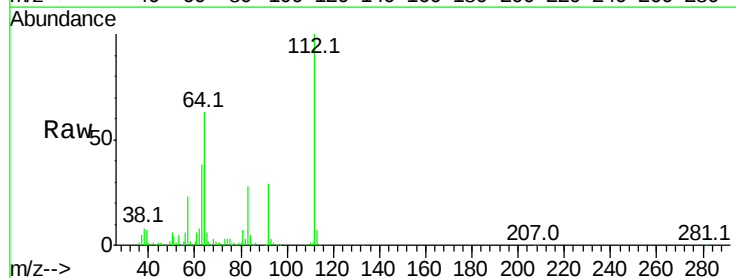
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	119.5	179.3
115	59.9	43.0	64.4



#5

2-Fluorophenol
Concen: 139.96 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010183.D
Acq: 24 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	38.6	57.8#
63	38.2	19.3	28.9#





#7

Phenol-d6

Concen: 124.09 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010183.D

Acq: 24 May 2017 16:39

Instrument :

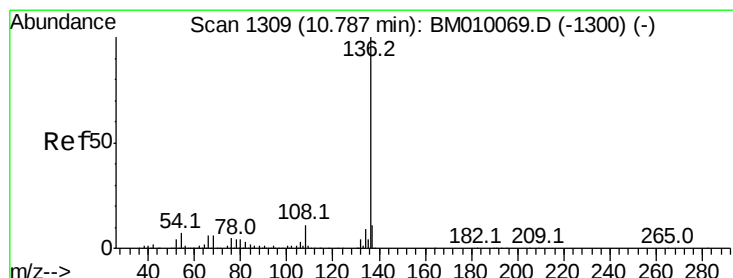
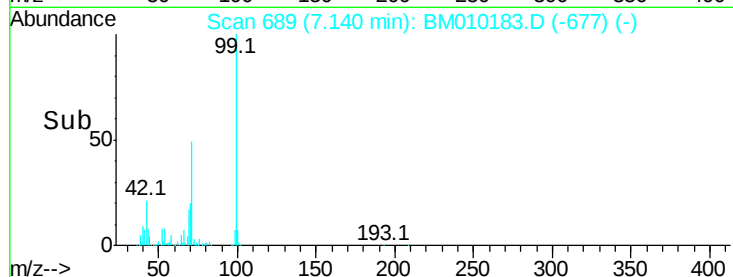
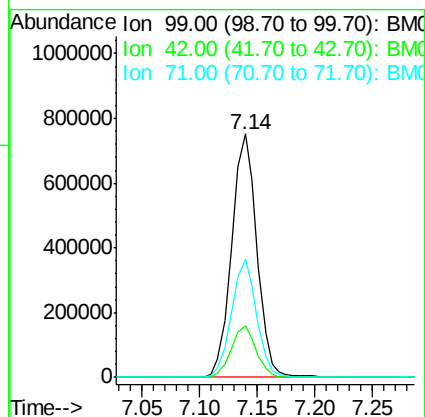
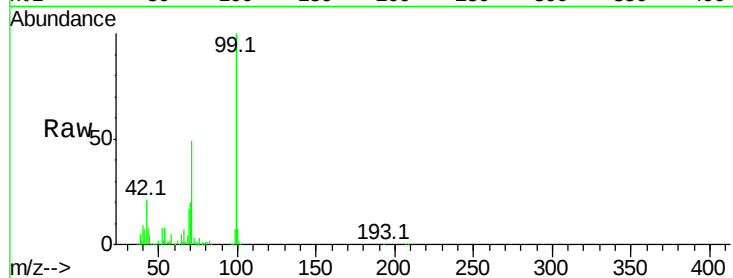
BNA_M

ClientSampleId :

TP-3-TP-4

Tot Ion: 99 Resp: 113513

Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.0	16.4#
71	48.8	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

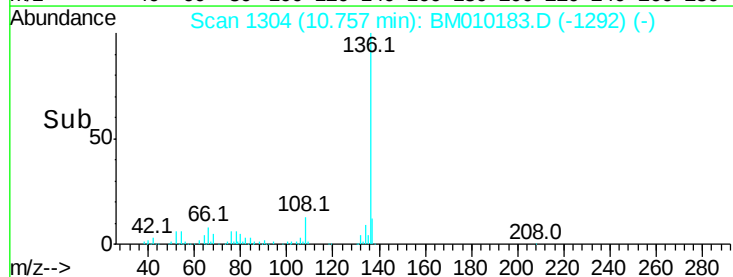
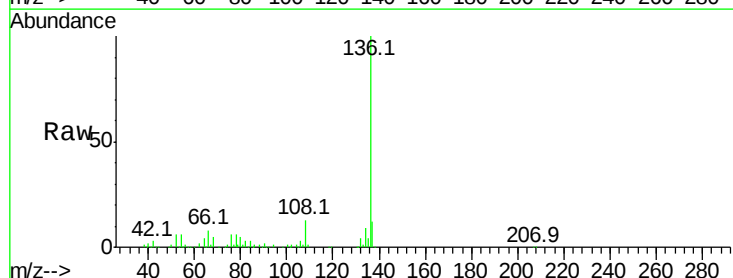
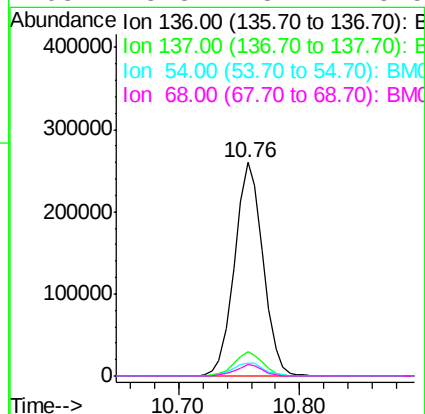
Delta R.T. -0.03 min

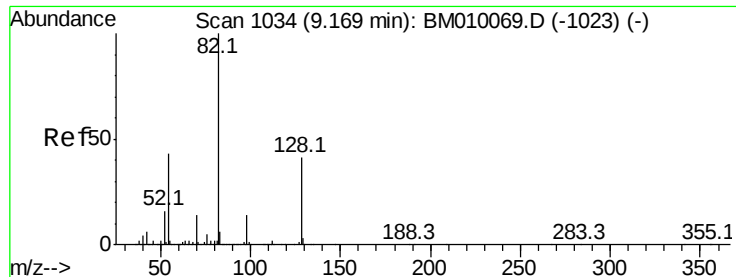
Lab File: BM010183.D

Acq: 24 May 2017 16:39

Tgt Ion: 136 Resp: 425565

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	6.0	4.6	6.8
68	5.3	3.7	5.5

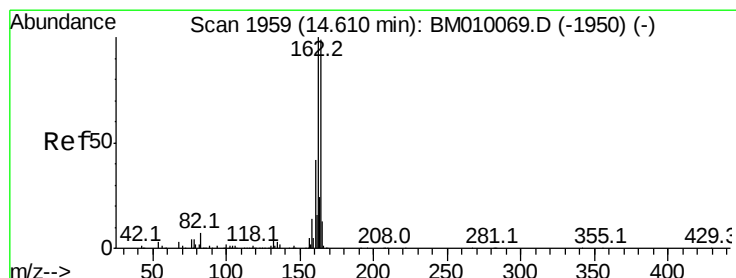
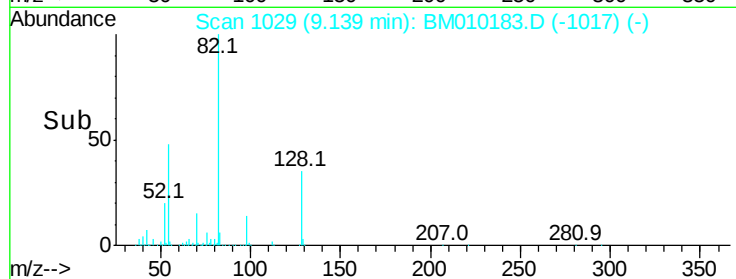
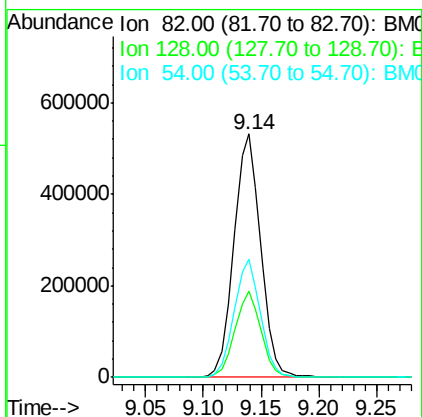
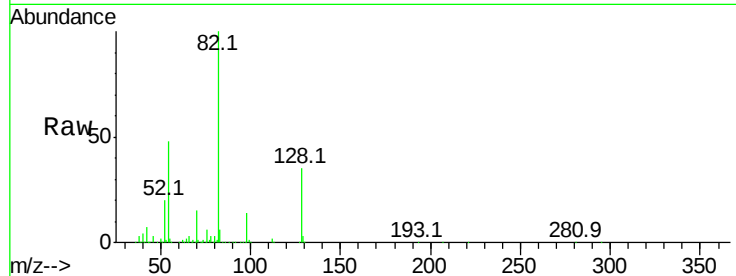




#23
 Nitrobenzene-d5
 Concen: 107.85 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010183.D
 Acq: 24 May 2017 16:39

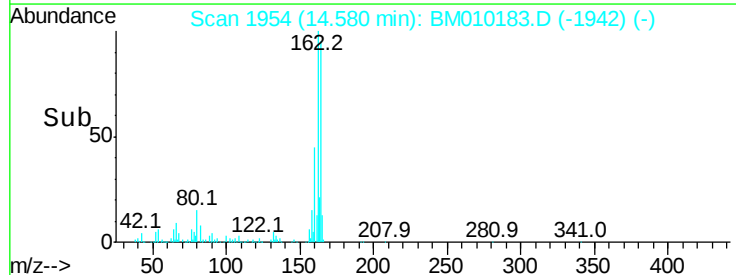
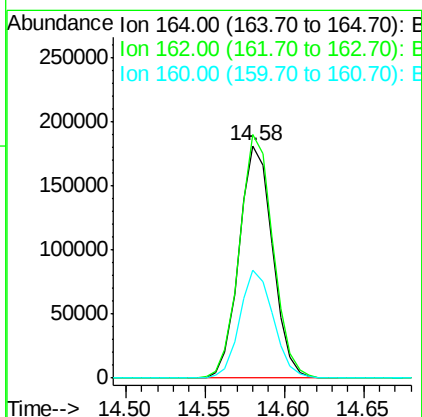
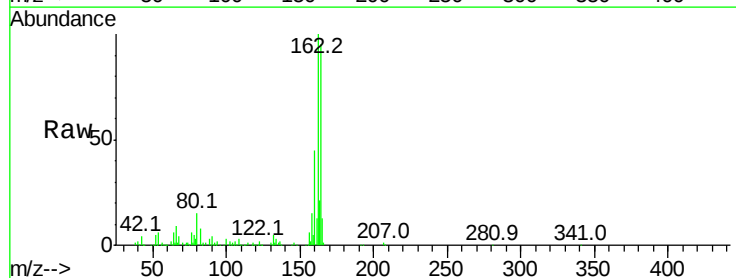
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4

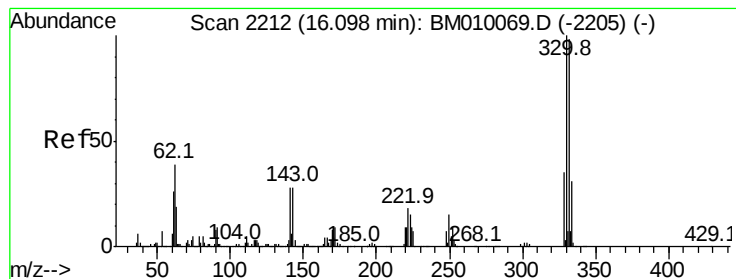
Tot Ion	82	Resp	850748
Ion Ratio	Lower	Upper	
82	100		
128	35.4	32.8	49.2
54	48.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010183.D
 Acq: 24 May 2017 16:39

Tgt Ion	164	Resp	266008
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.4	123.6
160	46.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 156.90 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010183.D

Acq: 24 May 2017 16:39

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4

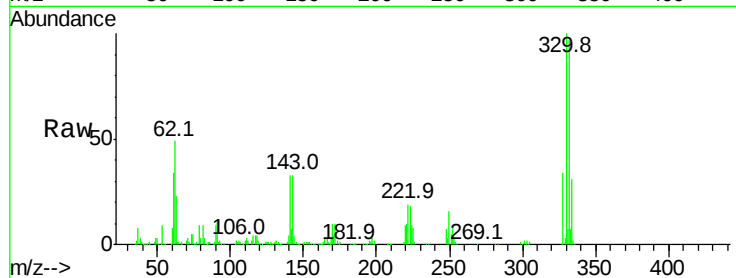
Tot Ion:330 Resp: 633906

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

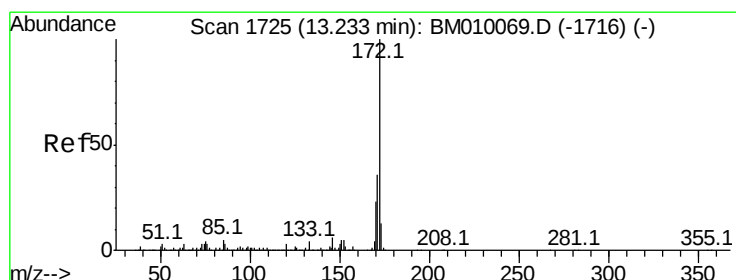
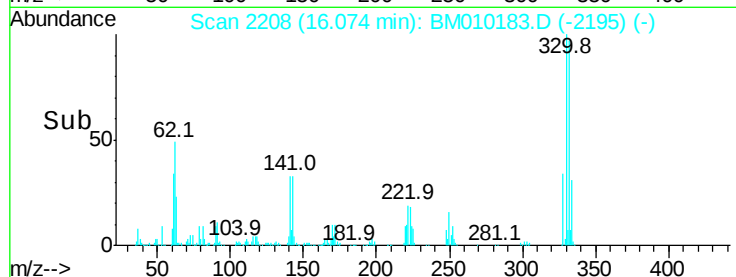
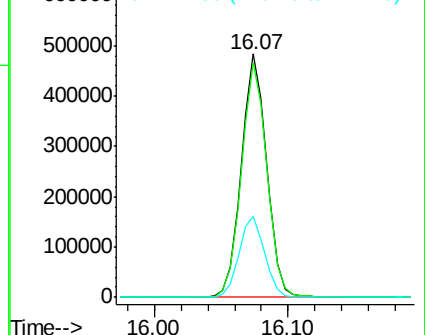
141 33.7 0.0 0.0#



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: 103.23 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BM010183.D

Acq: 24 May 2017 16:39

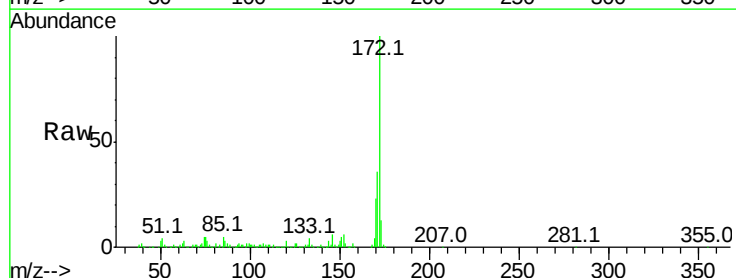
Tgt Ion:172 Resp: 2135949

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

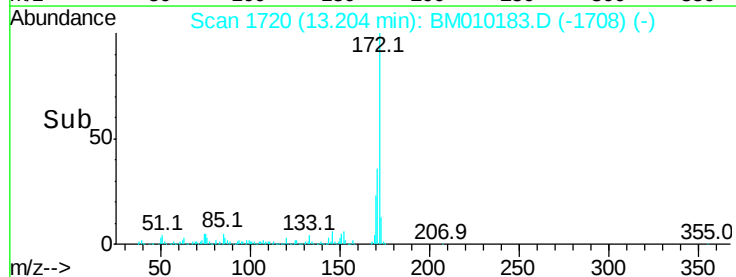
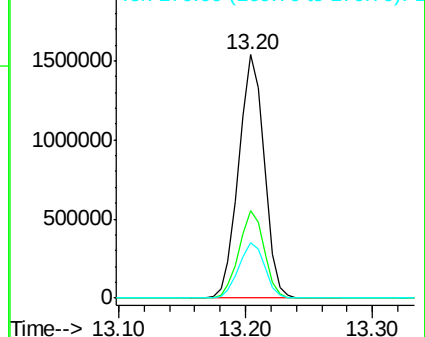
170 22.7 18.8 28.2

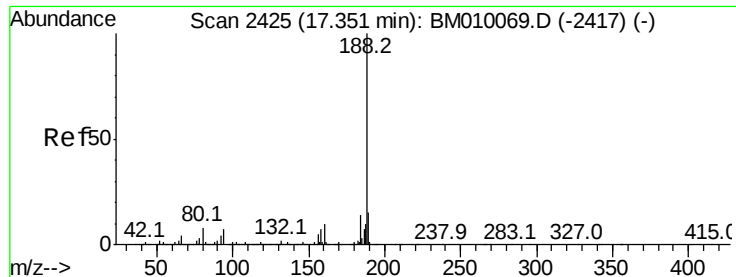


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM010183.D

Acq: 24 May 2017 16:39

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4

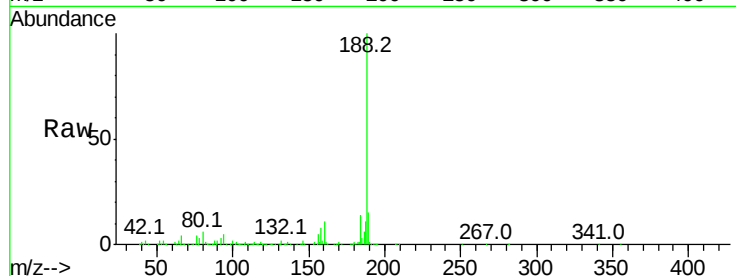
Tot Ion:188 Resp: 678901

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

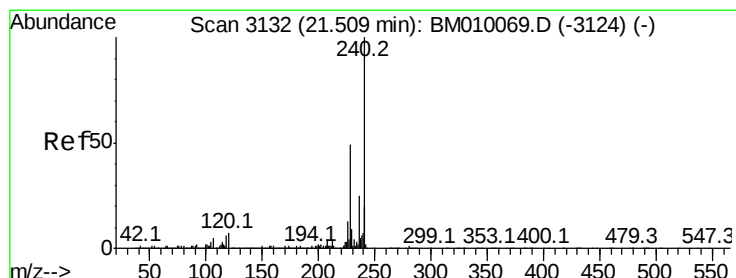
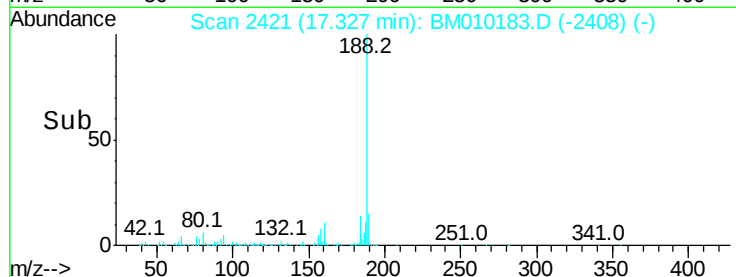
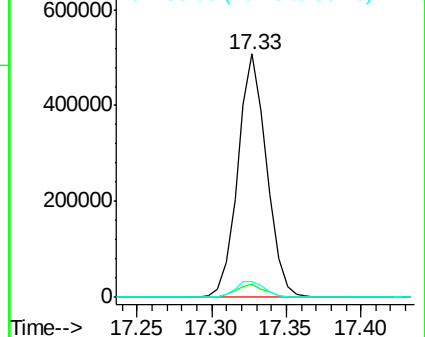
80 6.3 9.3 13.9#



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: BM010183.D

Acq: 24 May 2017 16:39

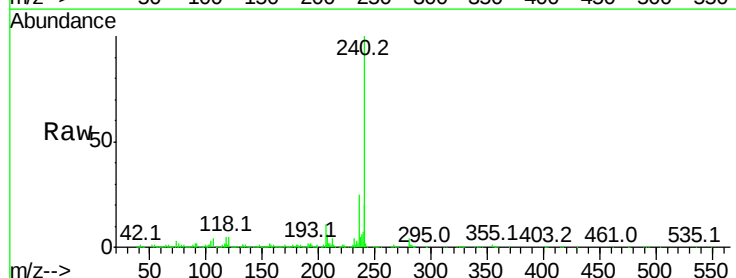
Tgt Ion:240 Resp: 1060355

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

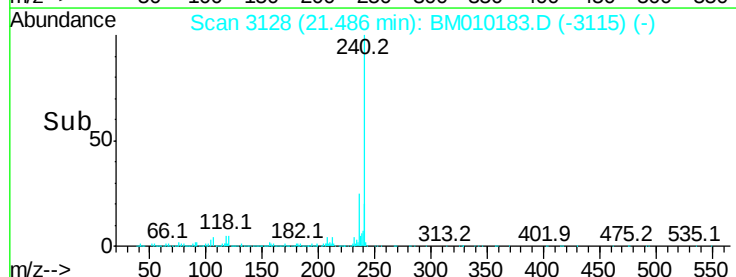
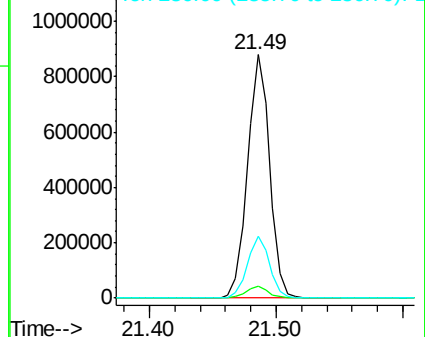
236 25.4 20.0 30.0

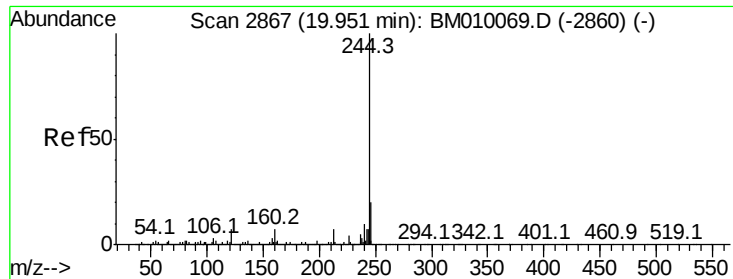


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.32 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010183.D

Acq: 24 May 2017 16:39

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4

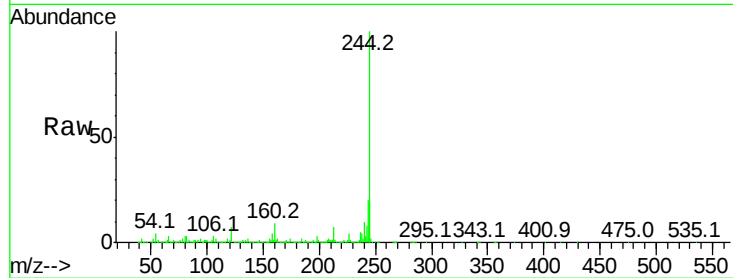
Tot Ion:244 Resp: 4118605

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

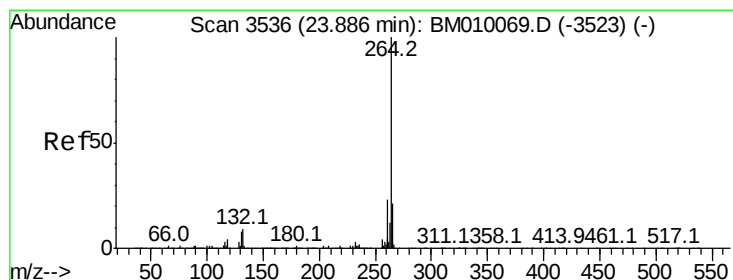
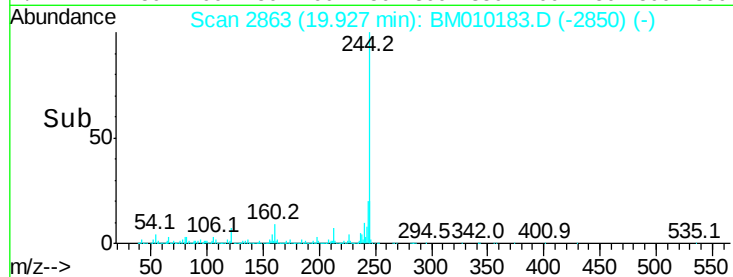
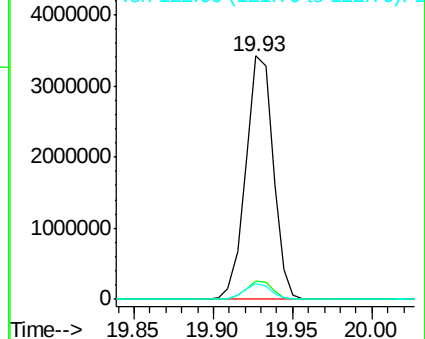
122 6.6 6.2 9.4



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: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010183.D

Acq: 24 May 2017 16:39

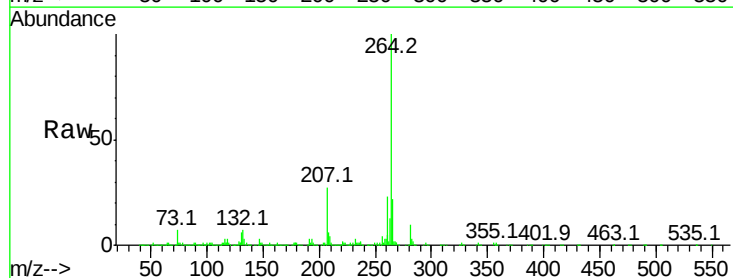
Tgt Ion:264 Resp: 1207477

Ion Ratio Lower Upper

264 100

260 23.5 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

