

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010173.D
 Acq On : 24 May 2017 10:39
 Operator : SJ/MA
 Sample : PB99196BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99196BL

Quant Time: May 25 06:02:17 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	124240	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	410049	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	249459	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	639519	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1011181	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1162910	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	906925	131.82	ng	-0.02
7) Phenol-d6	7.14	99	1098068	124.04	ng	-0.03
23) Nitrobenzene-d5	9.14	82	708618	93.24	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	508493	134.21	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1767418	91.08	ng	-0.03
78) Terphenyl-d14	19.93	244	3317637	74.60	ng	-0.02

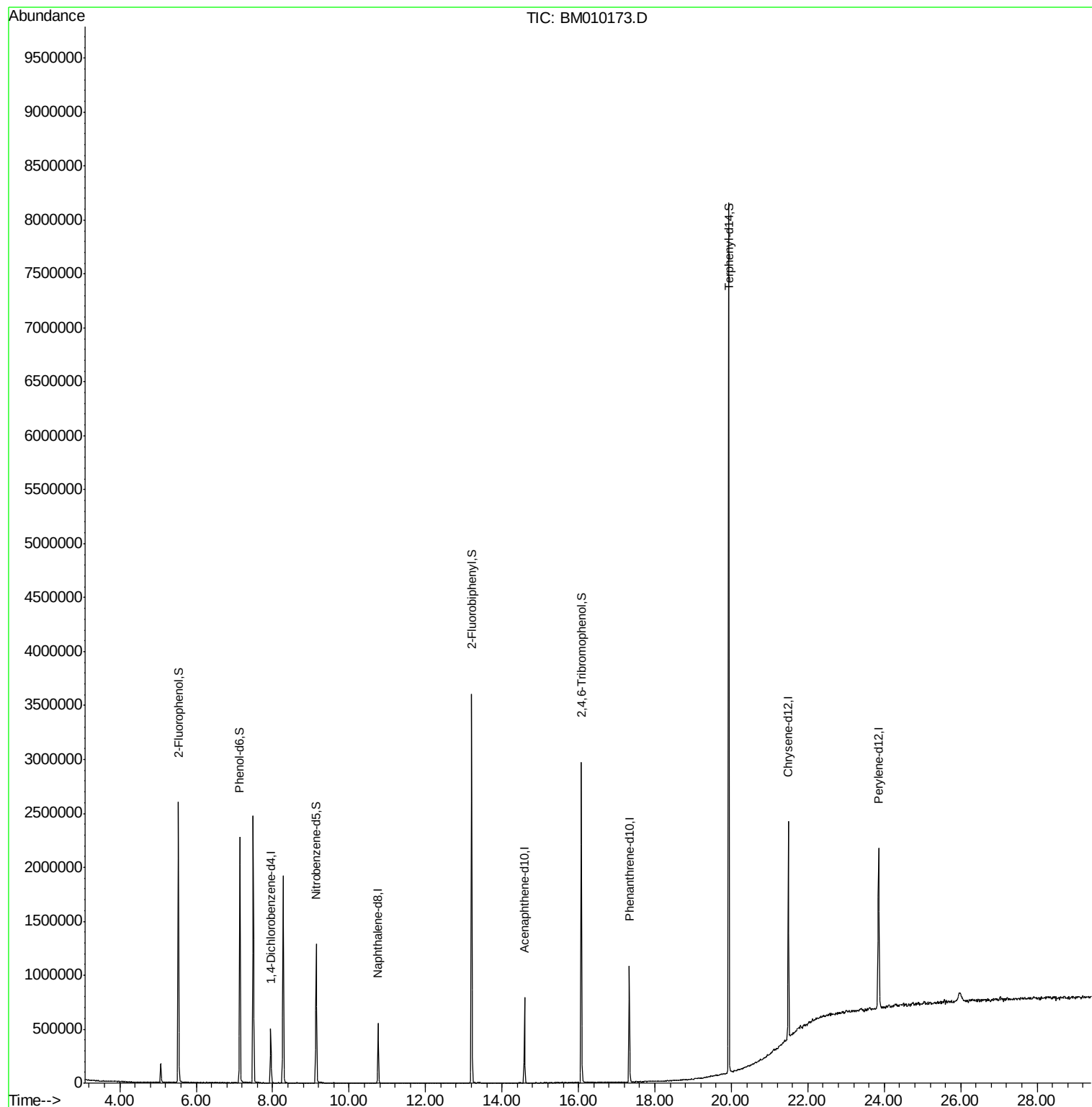
Target Compounds Qvalue

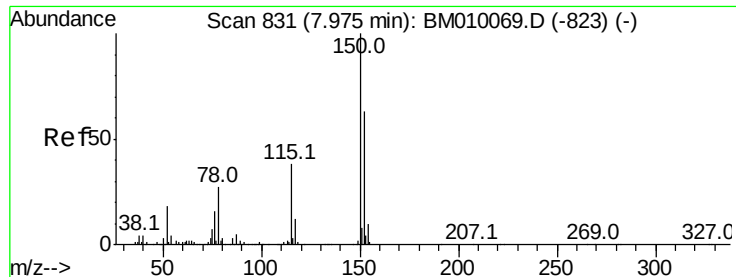
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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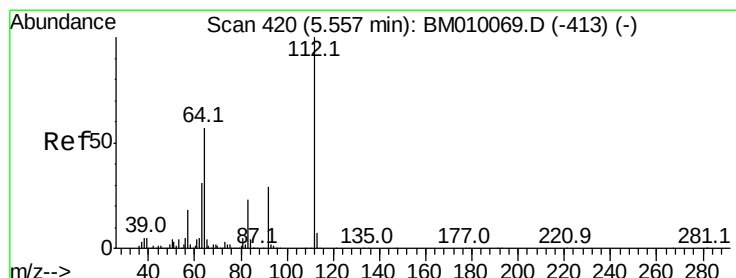
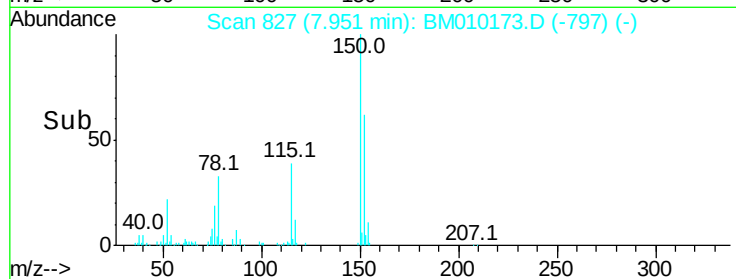
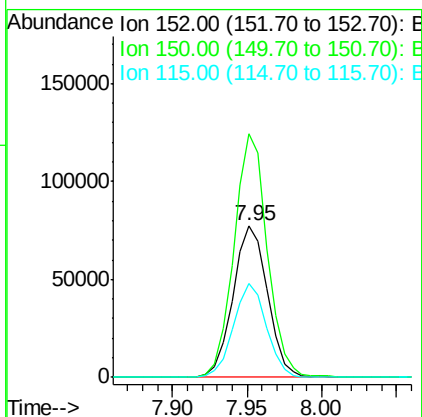
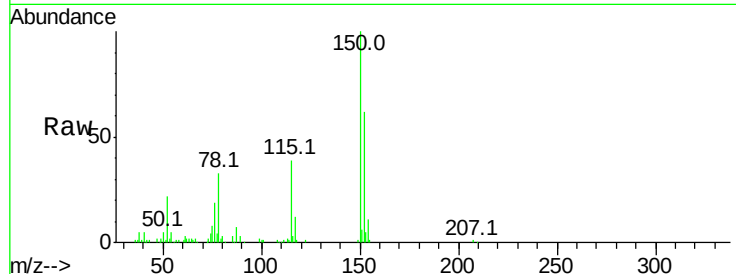


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010173.D
Acq: 24 May 2017 10:39

Instrument :
BNA_M
ClientSampleId :
PB99196BL

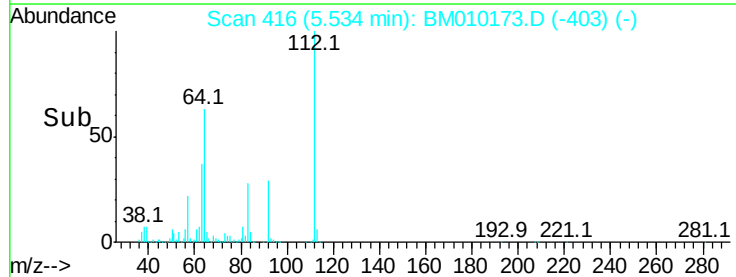
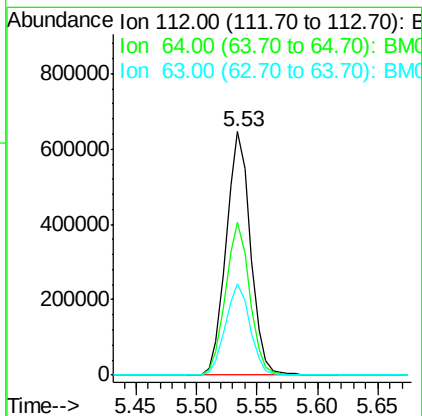
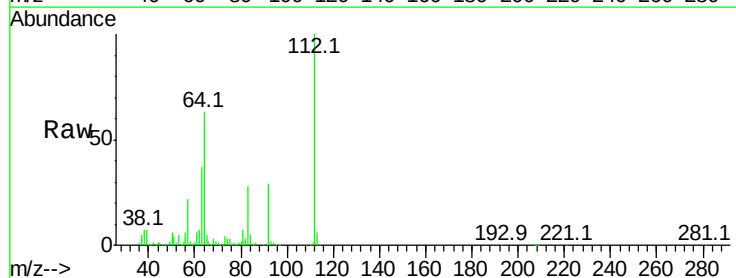
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	119.5	179.3
115	61.8	43.0	64.4

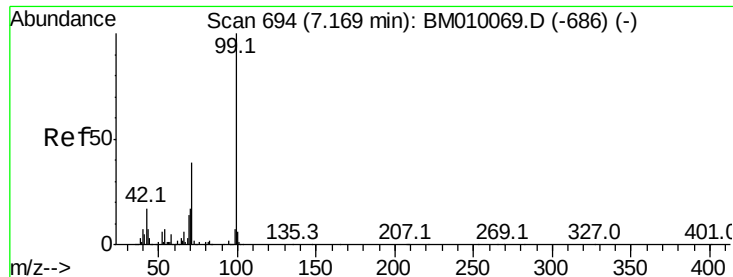


#5

2-Fluorophenol
Concen: 131.82 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010173.D
Acq: 24 May 2017 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	37.4	19.3	28.9#





#7

Phenol-d6

Concen: 124.04 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010173.D

Acq: 24 May 2017 10:39

Instrument :

BNA_M

ClientSampleId :

PB99196BL

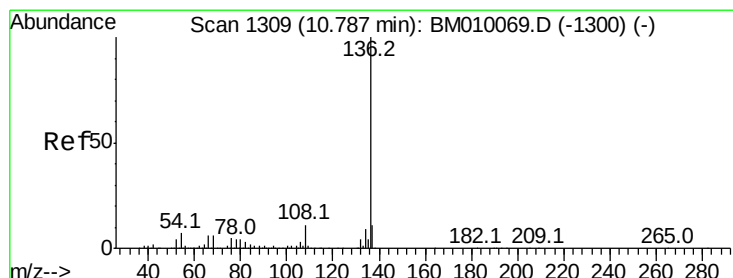
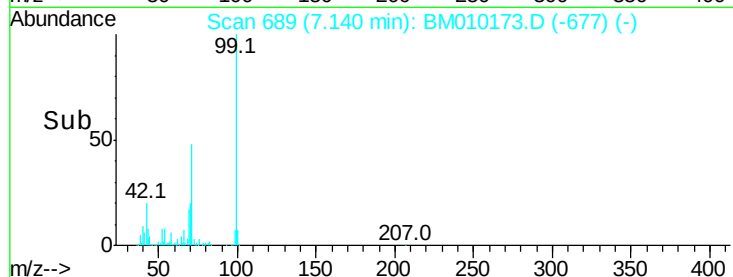
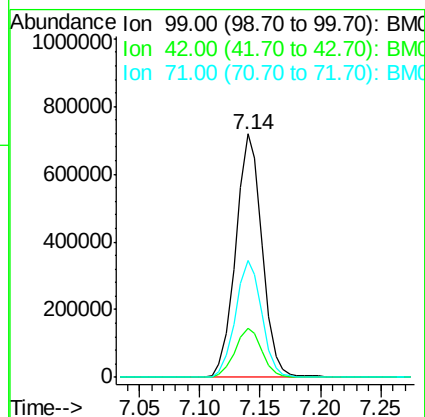
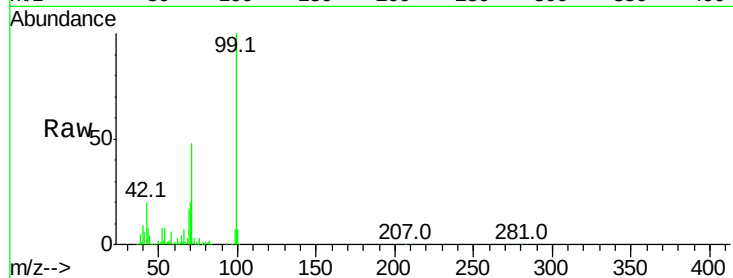
Tot Ion: 99 Resp: 1098068

Ion Ratio Lower Upper

99 100

42 19.9 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: BM010173.D

Acq: 24 May 2017 10:39

Tgt Ion: 136 Resp: 410049

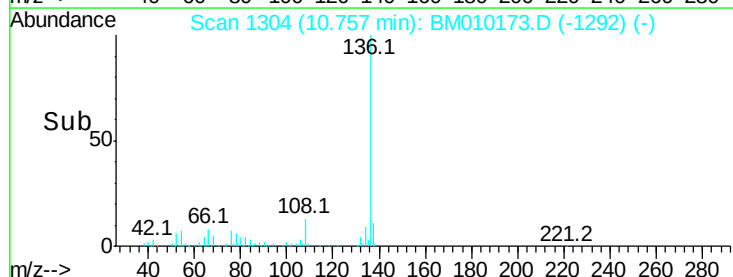
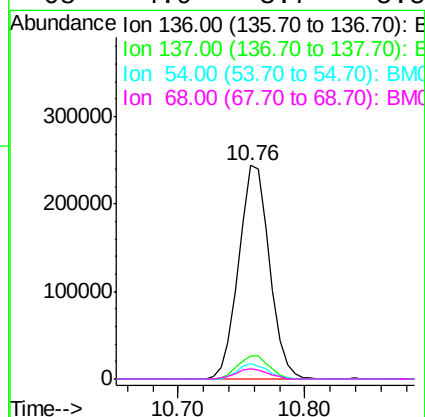
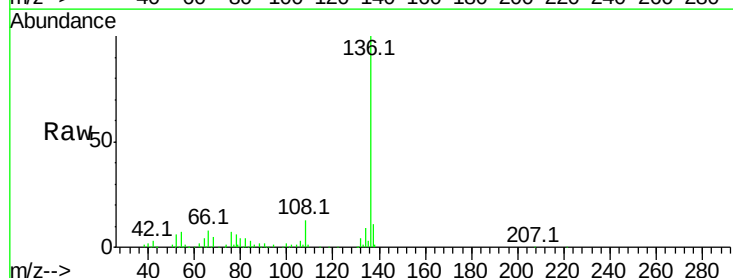
Ion Ratio Lower Upper

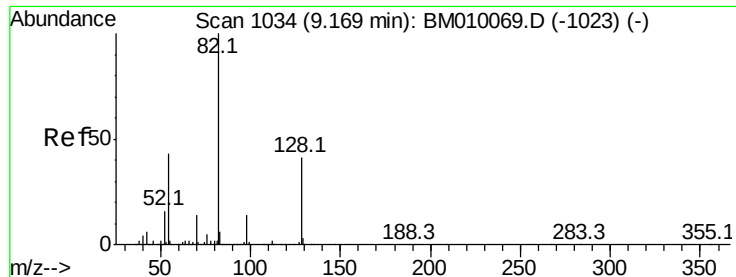
136 100

137 10.9 8.7 13.1

54 7.4 4.6 6.8#

68 4.9 3.7 5.5

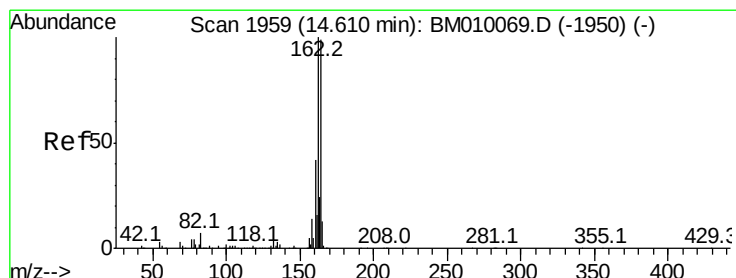
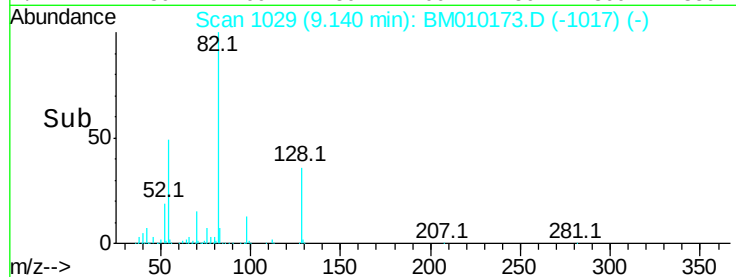
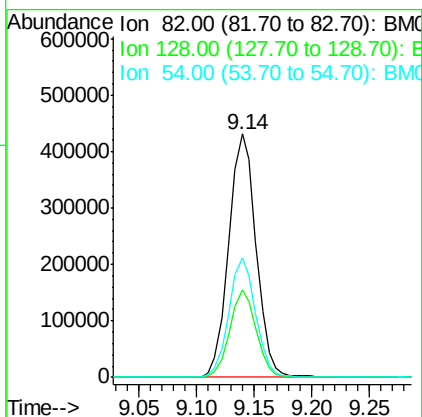
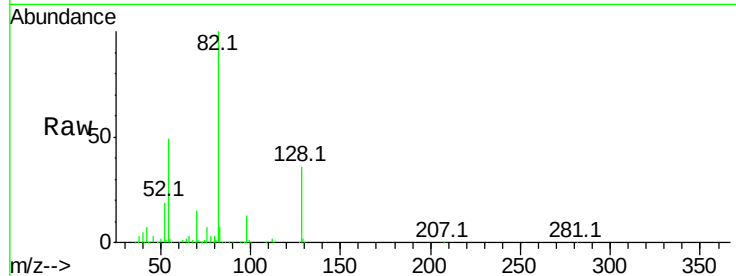




#23
 Nitrobenzene-d5
 Concen: 93.24 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010173.D
 Acq: 24 May 2017 10:39

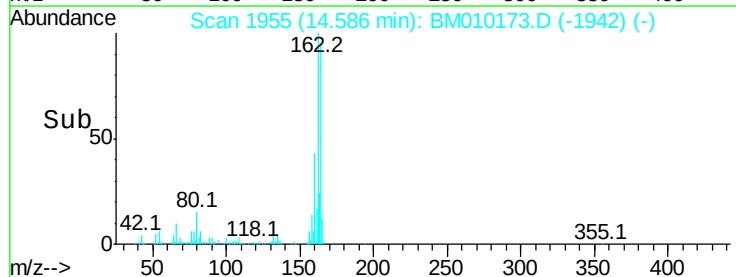
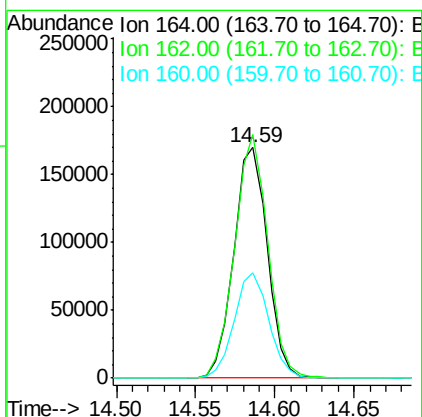
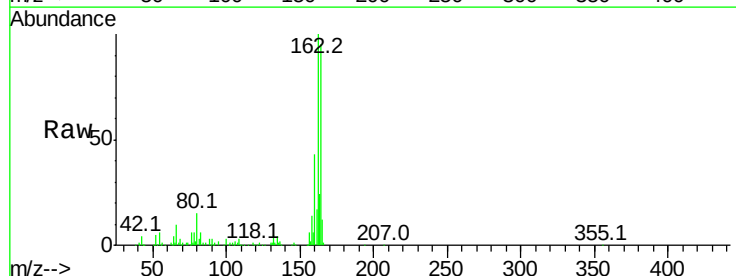
Instrument :
 BNA_M
 ClientSampled :
 PB99196BL

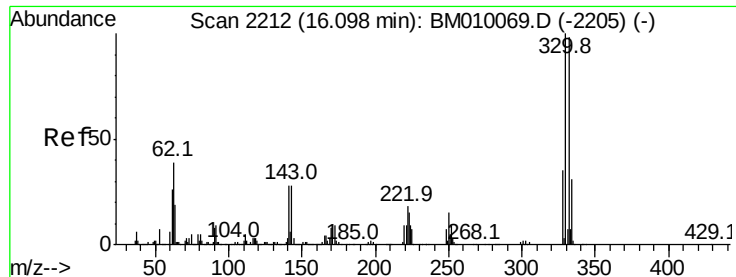
Tot Ion	82	Resp	708618
Ion Ratio	Lower	Upper	
82	100		
128	36.2	32.8	49.2
54	49.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010173.D
 Acq: 24 May 2017 10:39

Tgt Ion	164	Resp	249459
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.4	123.6
160	45.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 134.21 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010173.D

Acq: 24 May 2017 10:39

Instrument :

BNA_M

ClientSampleId :

PB99196BL

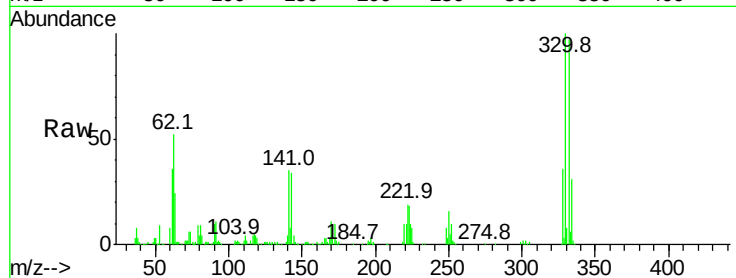
Tot Ion:330 Resp: 508493

Ion Ratio Lower Upper

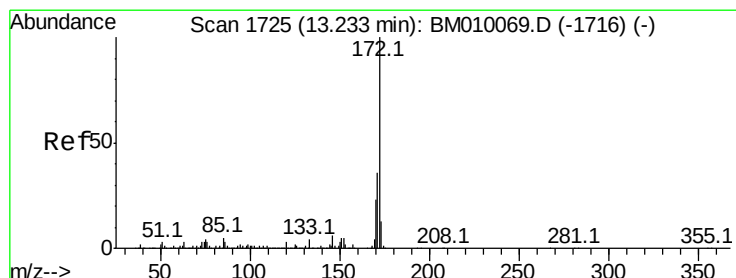
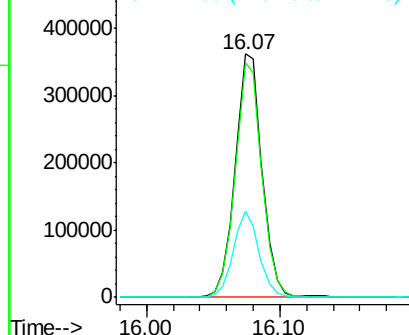
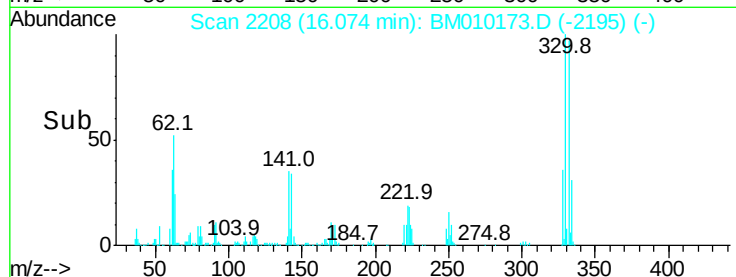
330 100

332 95.3 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: 91.08 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BM010173.D

Acq: 24 May 2017 10:39

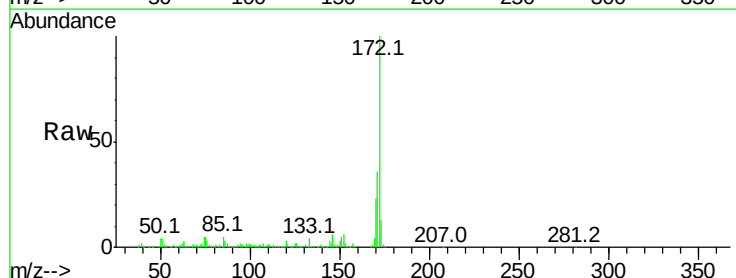
Tgt Ion:172 Resp: 1767418

Ion Ratio Lower Upper

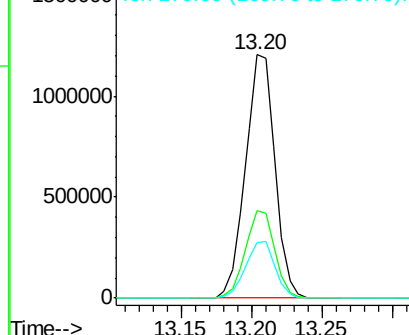
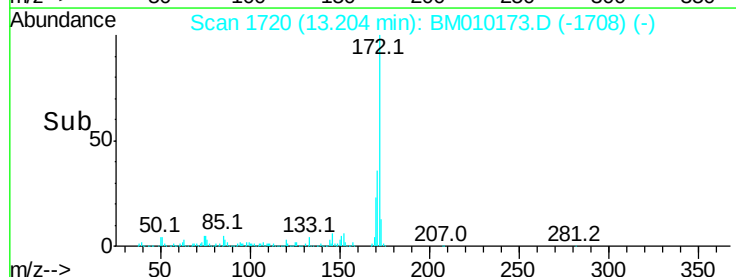
172 100

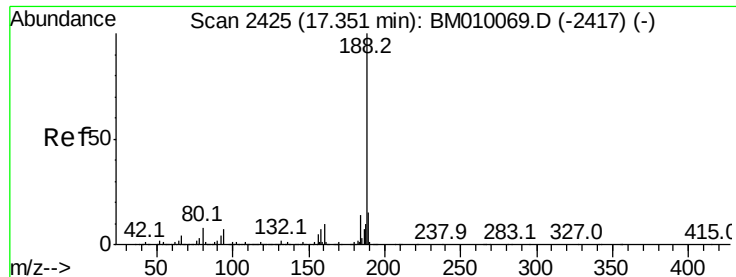
171 35.7 28.5 42.7

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010173.D

Acq: 24 May 2017 10:39

Instrument :

BNA_M

ClientSampleId :

PB99196BL

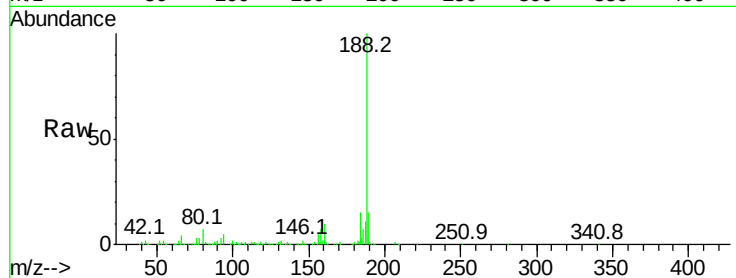
Tot Ion:188 Resp: 639519

Ion Ratio Lower Upper

188 100

94 5.1 8.7 13.1#

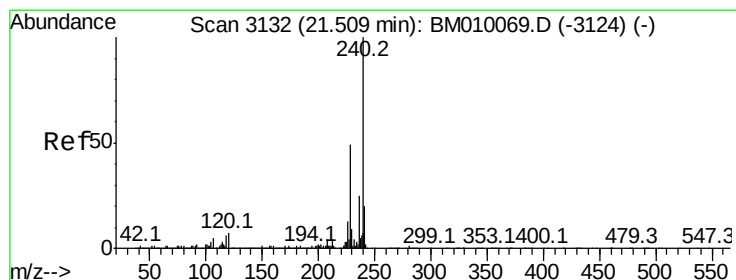
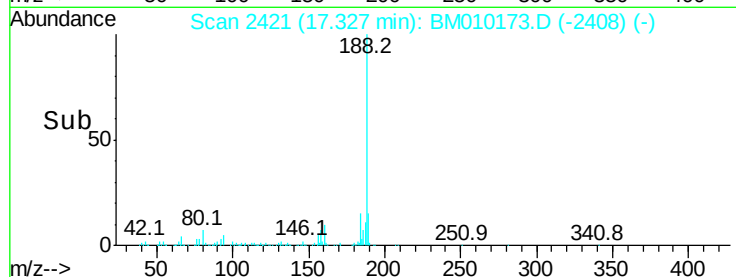
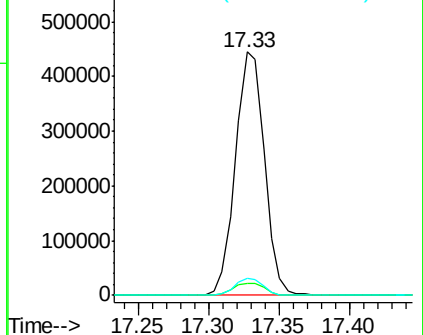
80 7.1 9.3 13.9#



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: BM010173.D

Acq: 24 May 2017 10:39

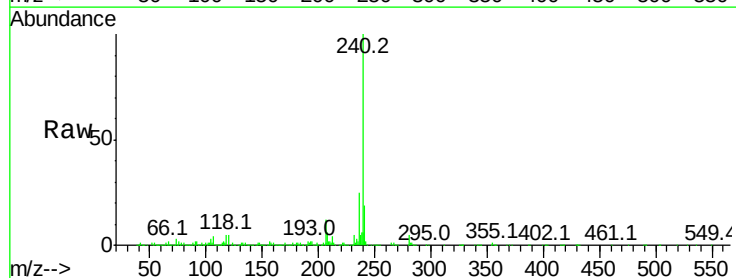
Tgt Ion:240 Resp: 1011181

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

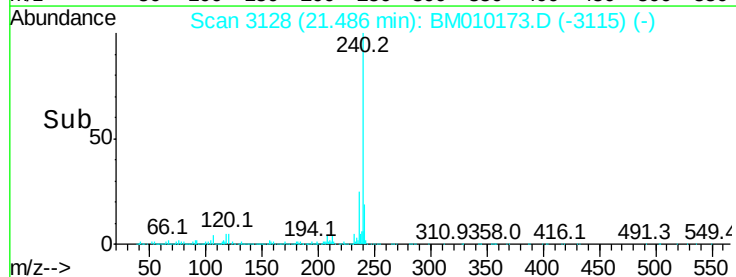
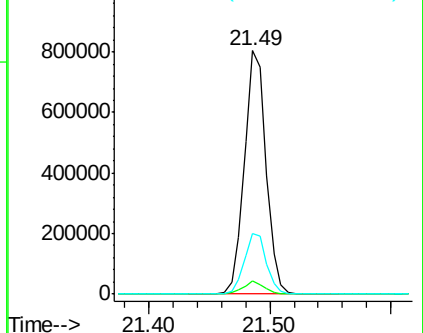
236 24.8 20.0 30.0

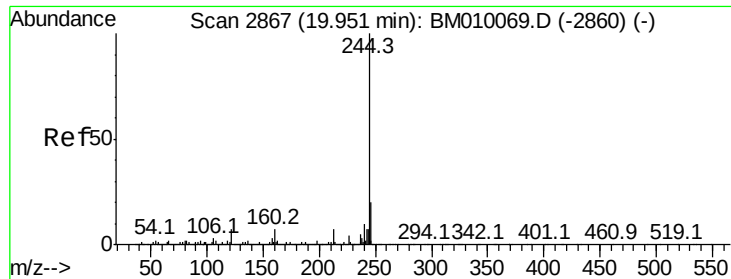


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.60 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010173.D

Acq: 24 May 2017 10:39

Instrument :

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ClientSampleId :

PB99196BL

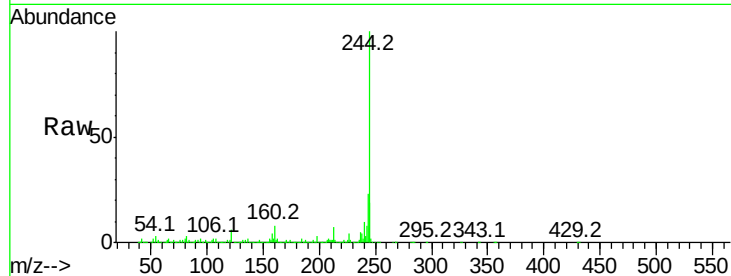
Tot Ion:244 Resp: 3317637

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

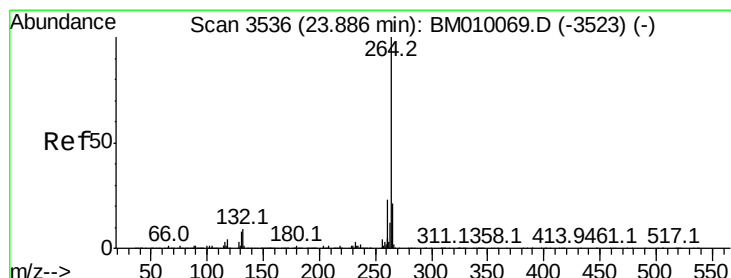
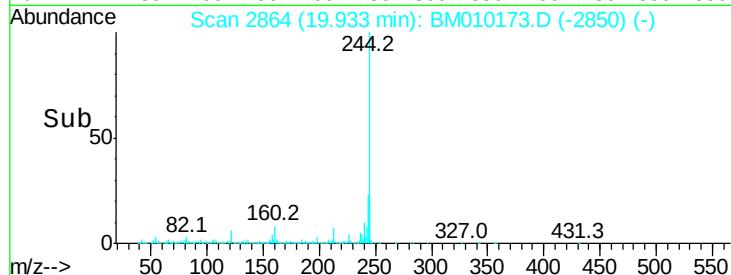
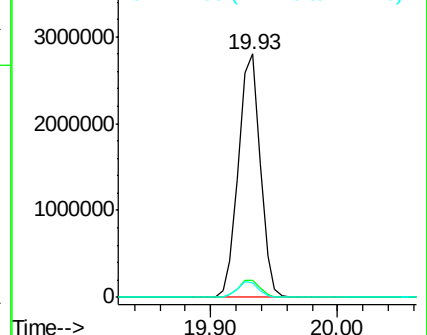
122 5.9 6.2 9.4#



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: BM010173.D

Acq: 24 May 2017 10:39

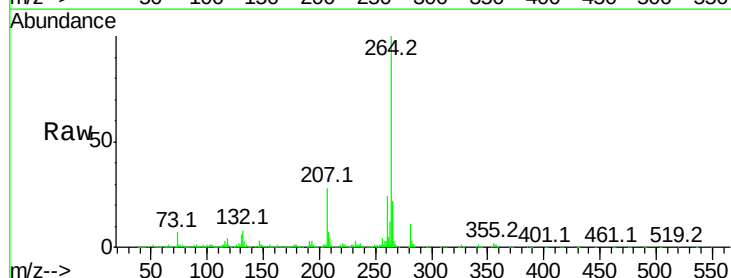
Tgt Ion:264 Resp: 1162910

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.1 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

