

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010180.D
 Acq On : 24 May 2017 14:51
 Operator : SJ/MA
 Sample : PB99207TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99207TB

Quant Time: May 25 06:37:24 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	130608	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	438581	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	261408	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	619399	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	971390	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1153189	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	976635	135.03	ng	-0.02
7) Phenol-d6	7.14	99	1166354	125.33	ng	-0.03
23) Nitrobenzene-d5	9.14	82	770299	94.76	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	507762	127.89	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1903380	93.61	ng	-0.03
78) Terphenyl-d14	19.93	244	3189461	74.66	ng	-0.02

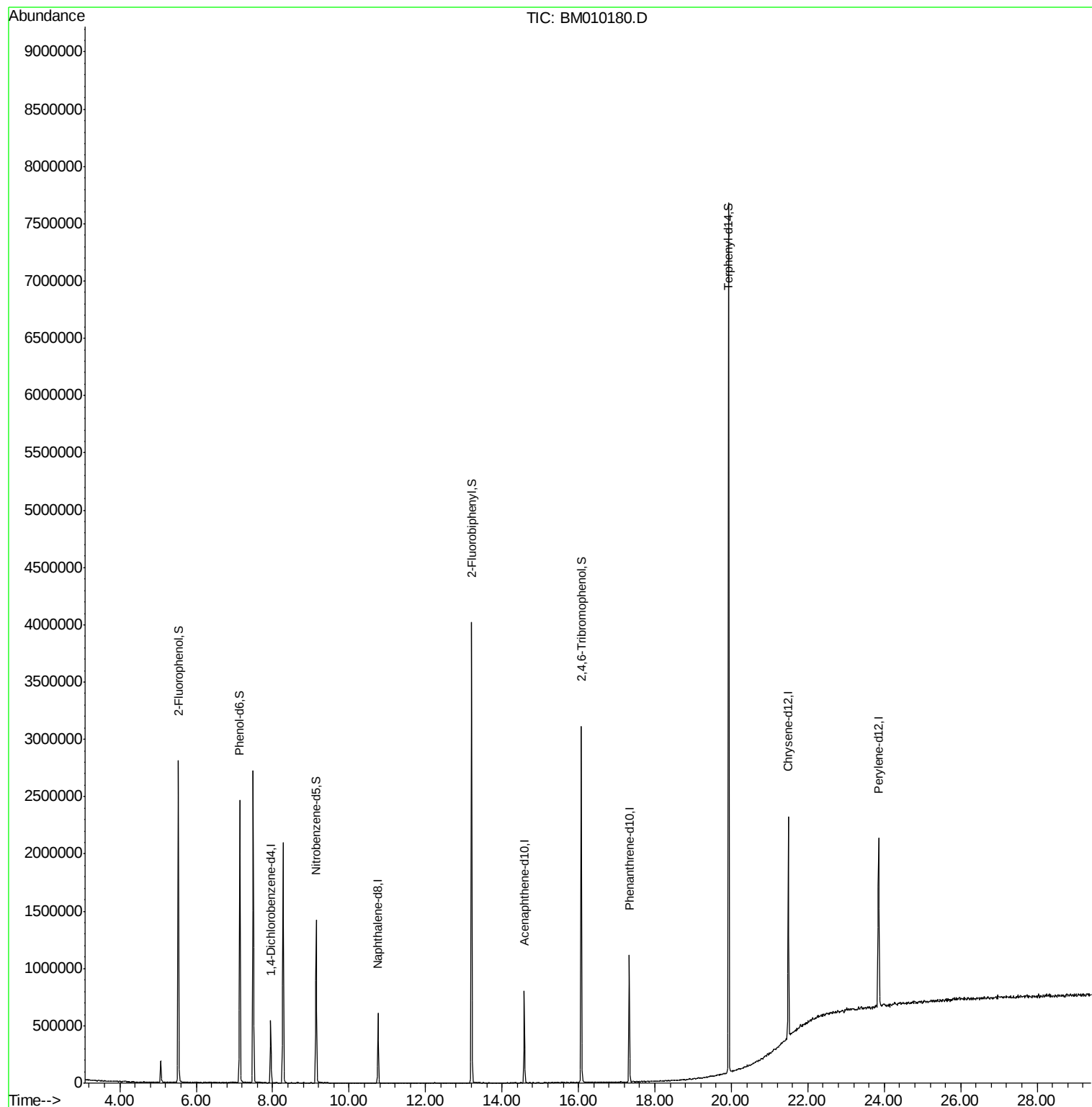
Target Compounds Qvalue

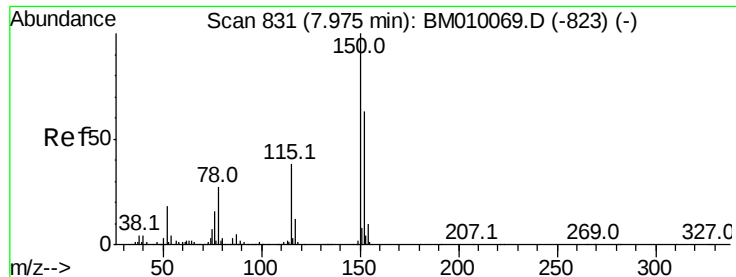
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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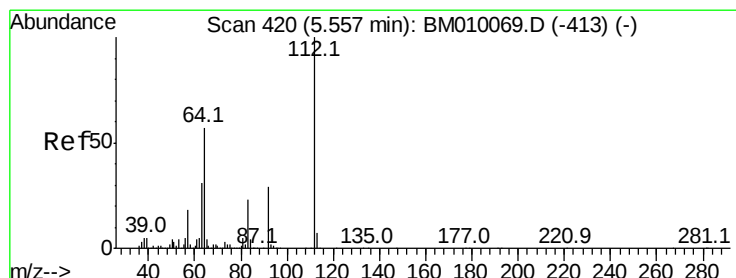
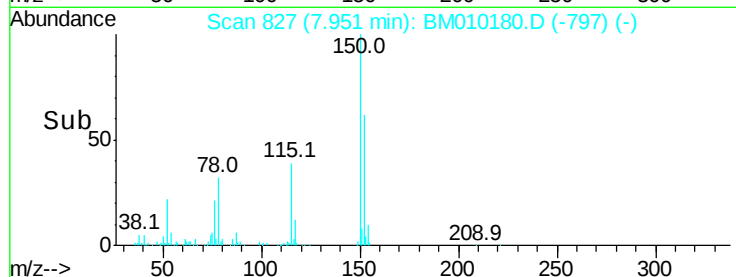
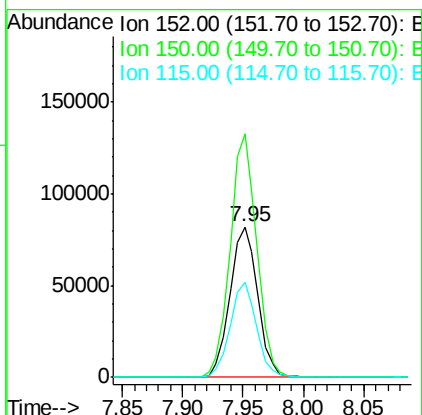
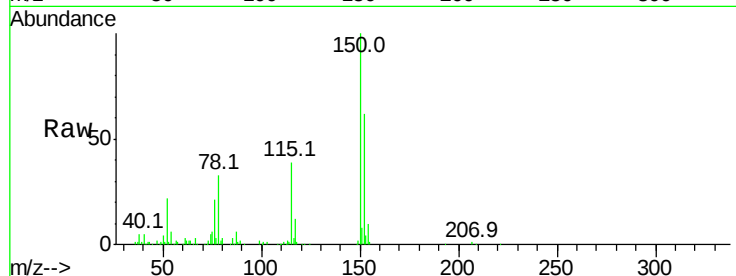


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

Instrument :
BNA_M
ClientSampleId :
PB99207TB

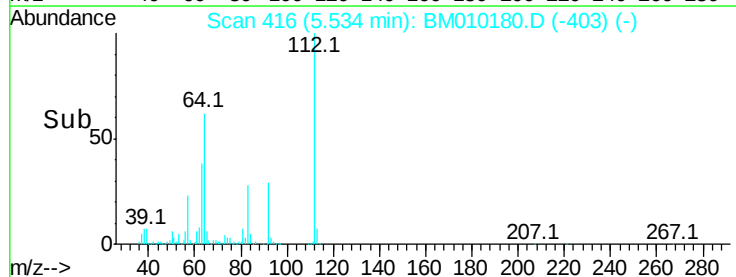
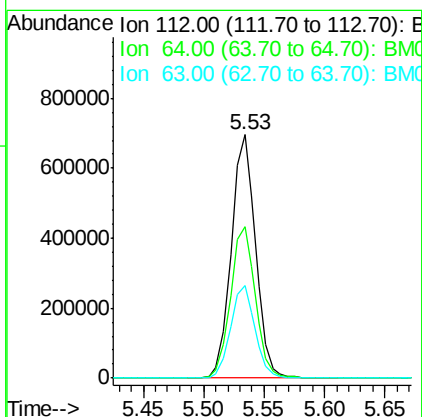
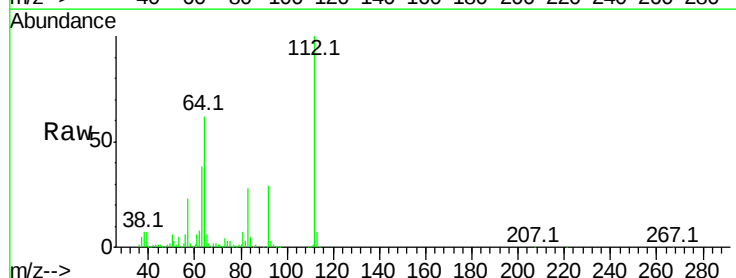
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	119.5	179.3
115	62.9	43.0	64.4



#5

2-Fluorophenol
Concen: 135.03 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	38.6	57.8#
63	38.2	19.3	28.9#





#7

Phenol-d6

Concen: 125.33 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010180.D

Acq: 24 May 2017 14:51

Instrument :

BNA_M

ClientSampleId :

PB99207TB

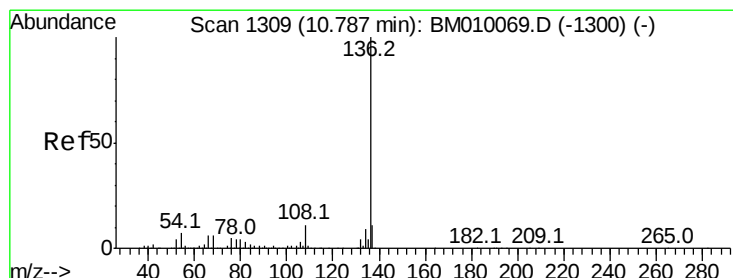
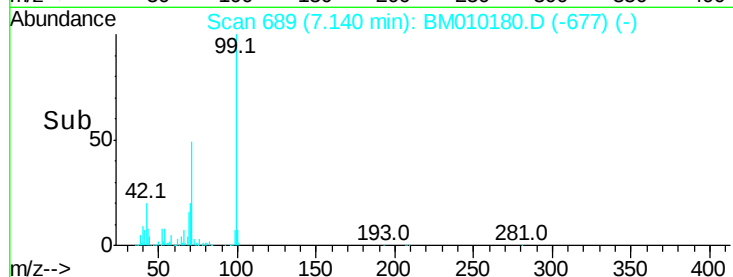
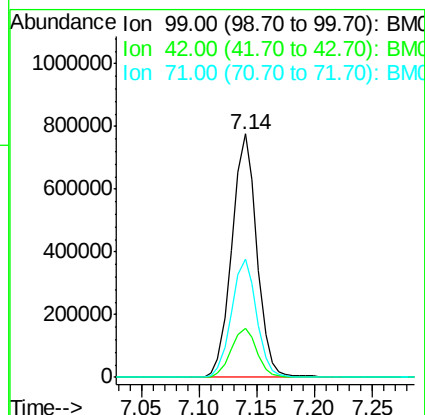
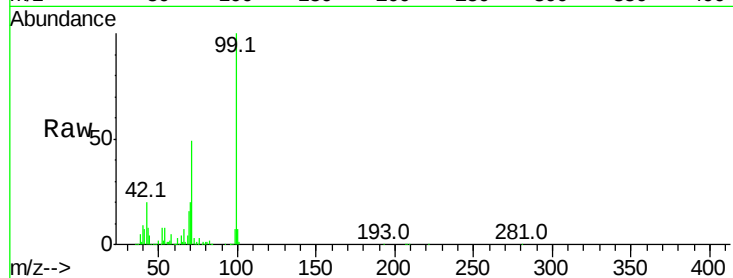
Tot Ion: 99 Resp: 1166354

Ion	Ratio	Lower	Upper
99	100		
42	20.1	11.0	16.4#
71	48.6	23.4	35.2#

99 100

42 20.1 11.0 16.4#

71 48.6 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: BM010180.D

Acq: 24 May 2017 14:51

Tgt Ion: 136 Resp: 438581

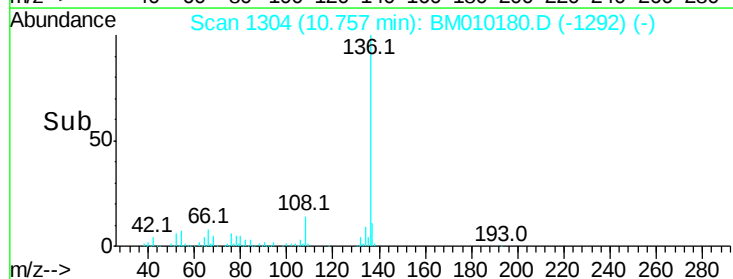
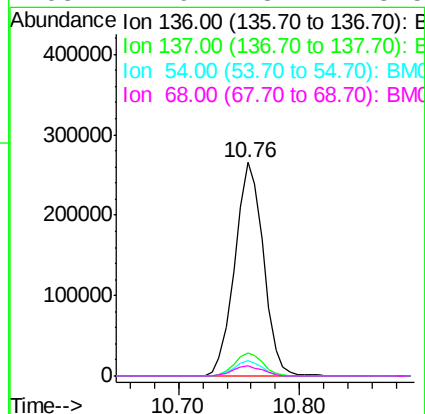
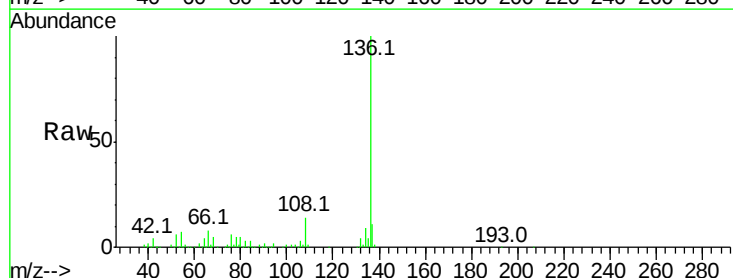
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	4.6	6.8#
68	4.9	3.7	5.5

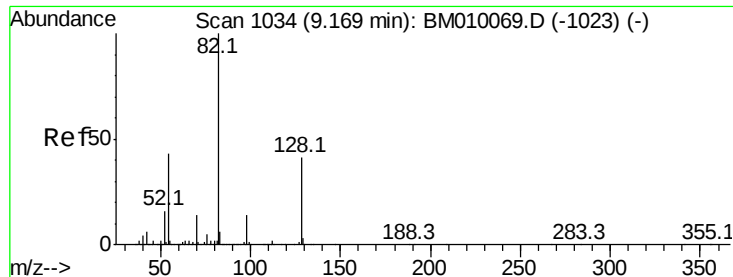
136 100

137 11.0 8.7 13.1

54 7.3 4.6 6.8#

68 4.9 3.7 5.5

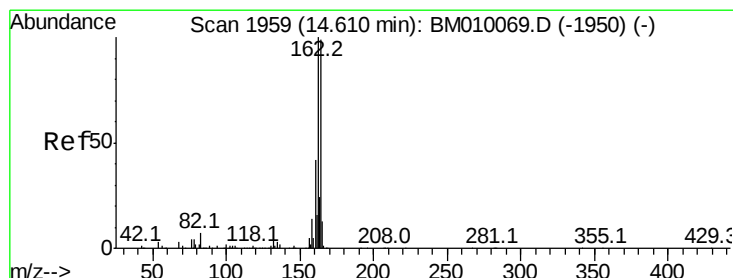
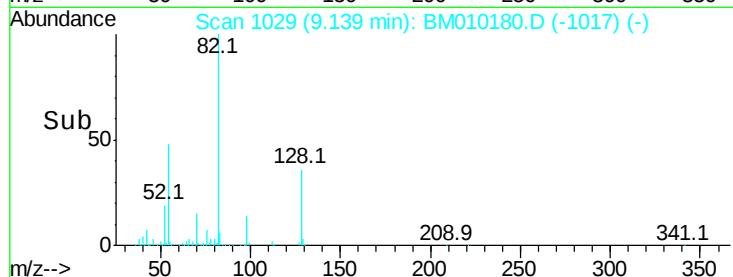
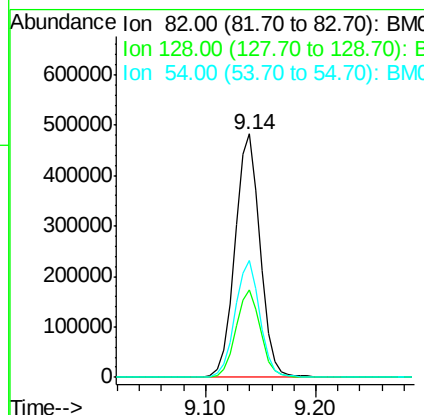
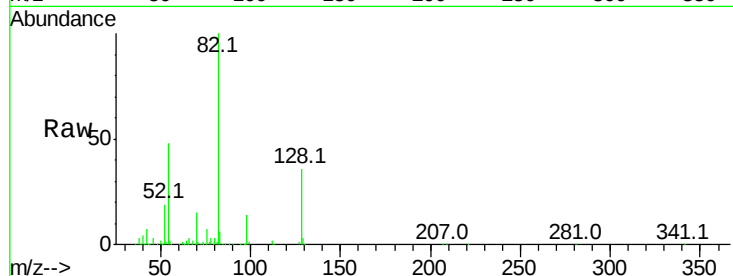




#23
Nitrobenzene-d5
Concen: 94.76 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

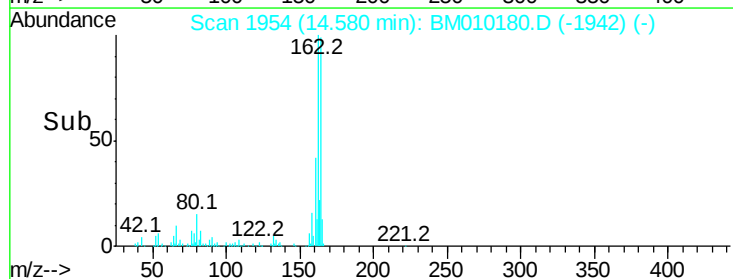
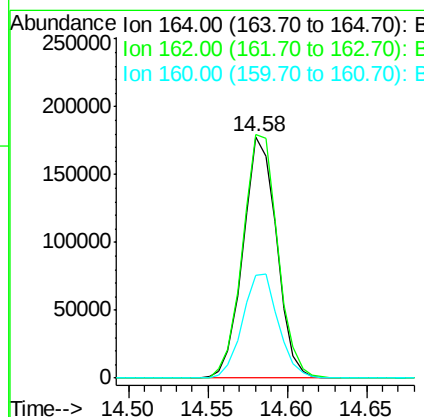
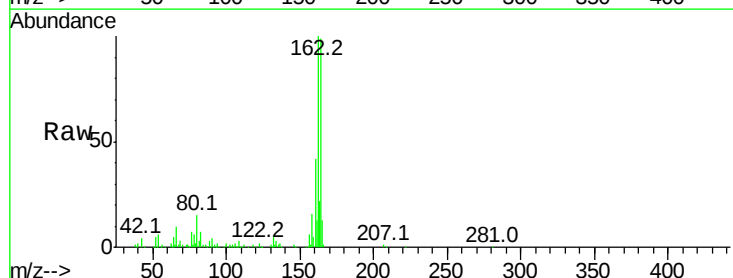
Instrument :
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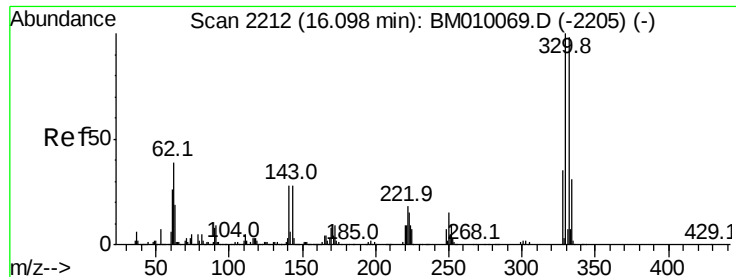
Tot Ion	82	Resp	770299
Ion Ratio	Lower	Upper	
82	100		
128	35.8	32.8	49.2
54	47.8	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

Tgt Ion	164	Resp	261408
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.4	123.6
160	42.6	35.8	53.6

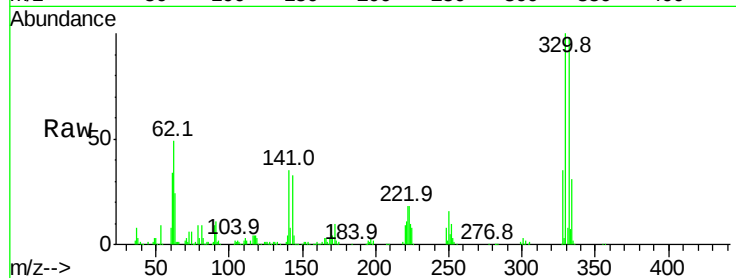




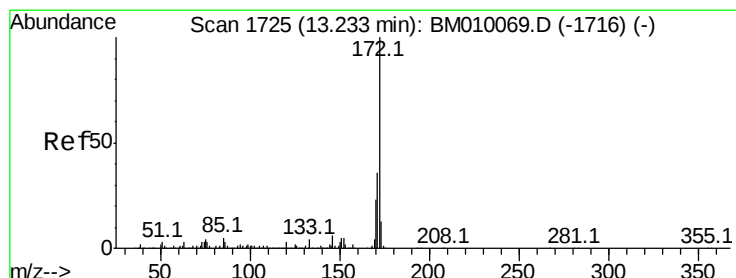
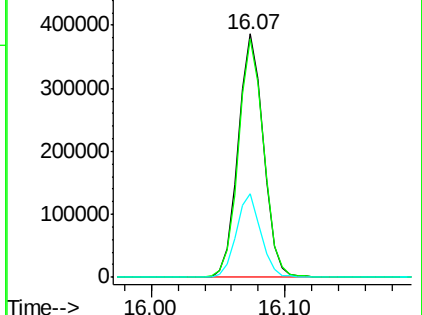
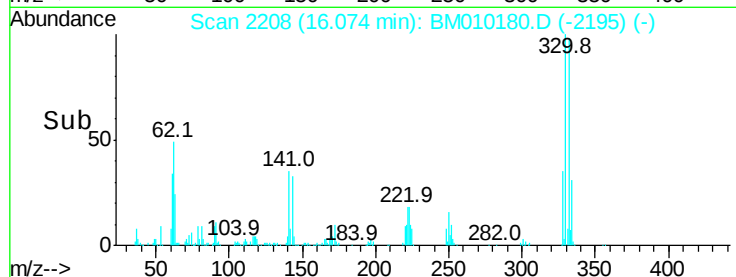
#41
 2,4,6-Tribromophenol
 Concen: 127.89 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010180.D
 Acq: 24 May 2017 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB99207TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	33.7	0.0	0.0#

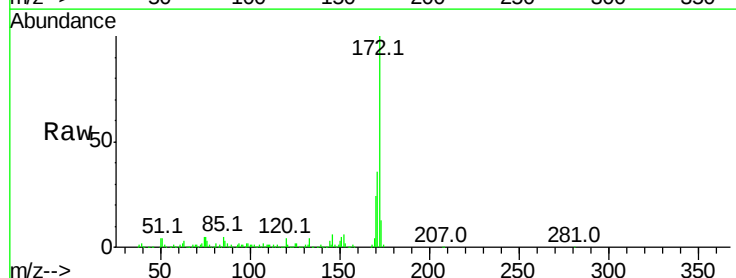


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

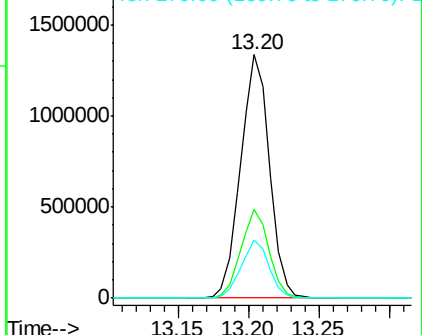
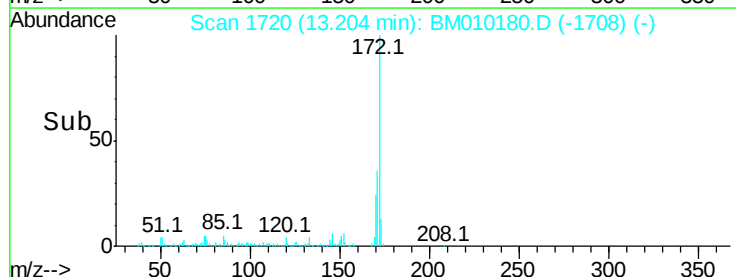


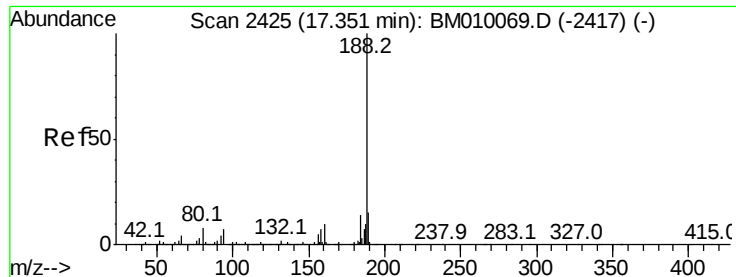
#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010180.D
 Acq: 24 May 2017 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.7	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

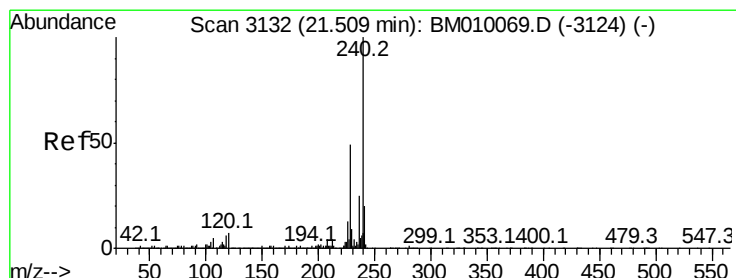
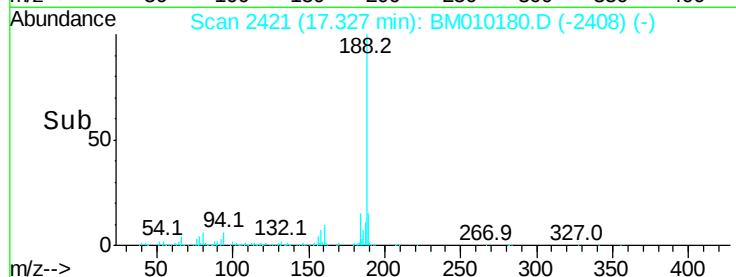
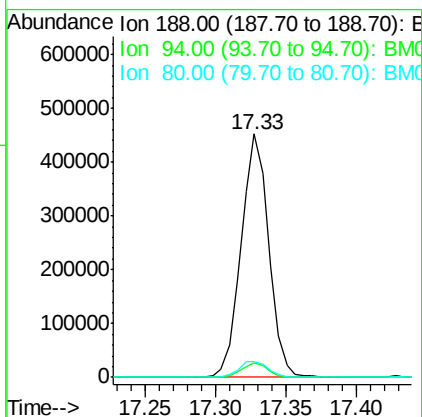
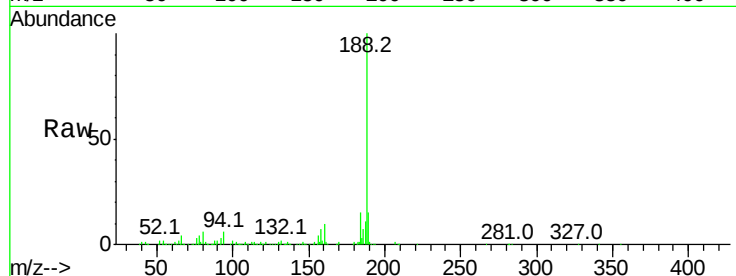




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

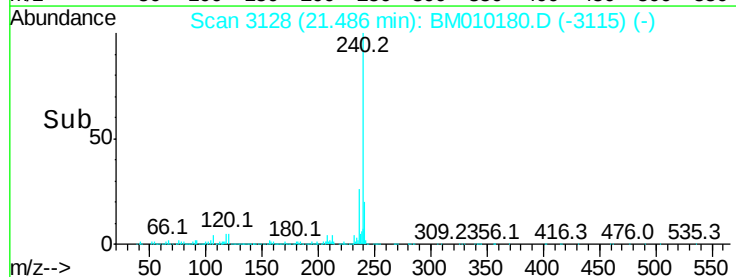
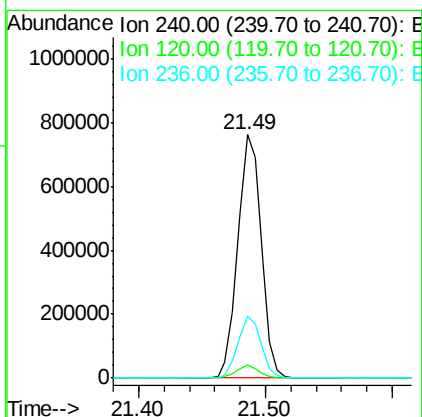
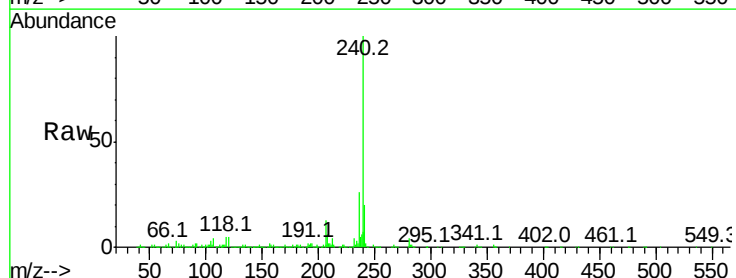
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BNA_M
ClientSampleId :
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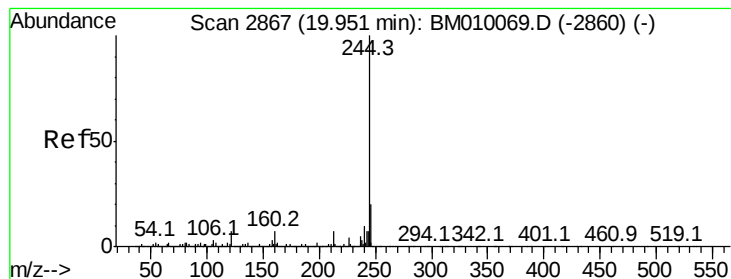
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	6.4	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010180.D
Acq: 24 May 2017 14:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	25.6	20.0	30.0





#78

Terphenyl-d14

Concen: 74.66 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010180.D

Acq: 24 May 2017 14:51

Instrument :

BNA_M

ClientSampleId :

PB99207TB

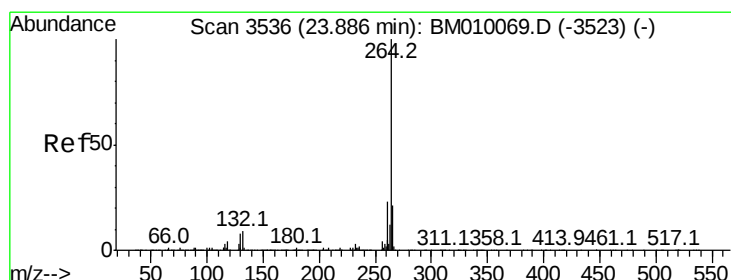
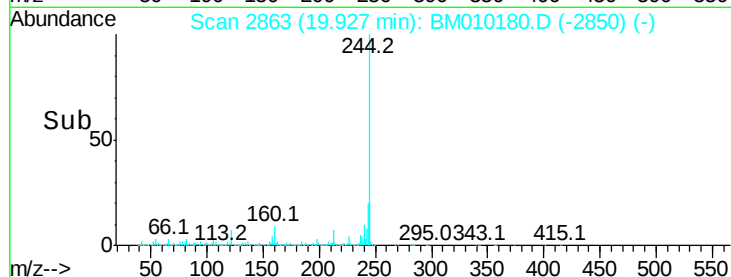
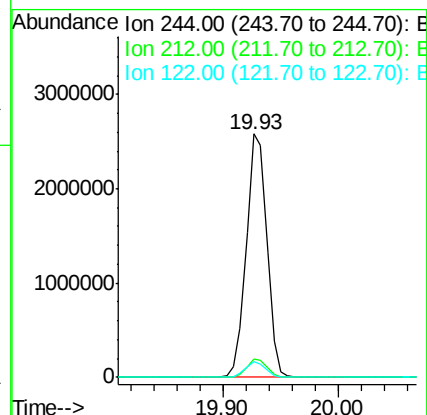
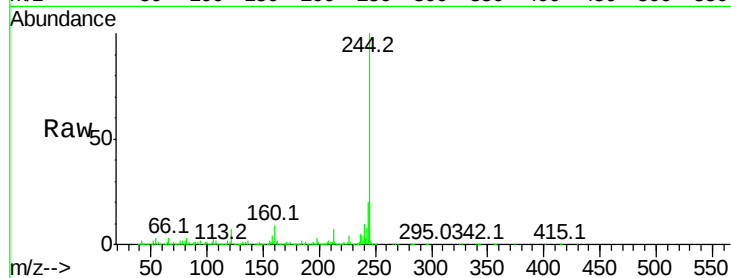
Tot Ion:244 Resp: 3189461

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.5 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010180.D

Acq: 24 May 2017 14:51

Tgt Ion:264 Resp: 1153189

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 23.5 17.3 25.9

