

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010112.D
 Acq On : 22 May 2017 20:58
 Operator : SJ/MA
 Sample : PB99141TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99141TB

Quant Time: May 23 06:21:44 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	7.96	152	142175	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	464840	20.00	ng	-0.01
38) Acenaphthene-d10	14.59	164	283251	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	730081	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1147270	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1258234	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1054709	133.96	ng	-0.01
7) Phenol-d6	7.15	99	1286789	127.02	ng	-0.02
23) Nitrobenzene-d5	9.15	82	808476	93.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	603219	140.22	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2116005	96.04	ng	-0.02
78) Terphenyl-d14	19.94	244	4064222	80.55	ng	-0.01

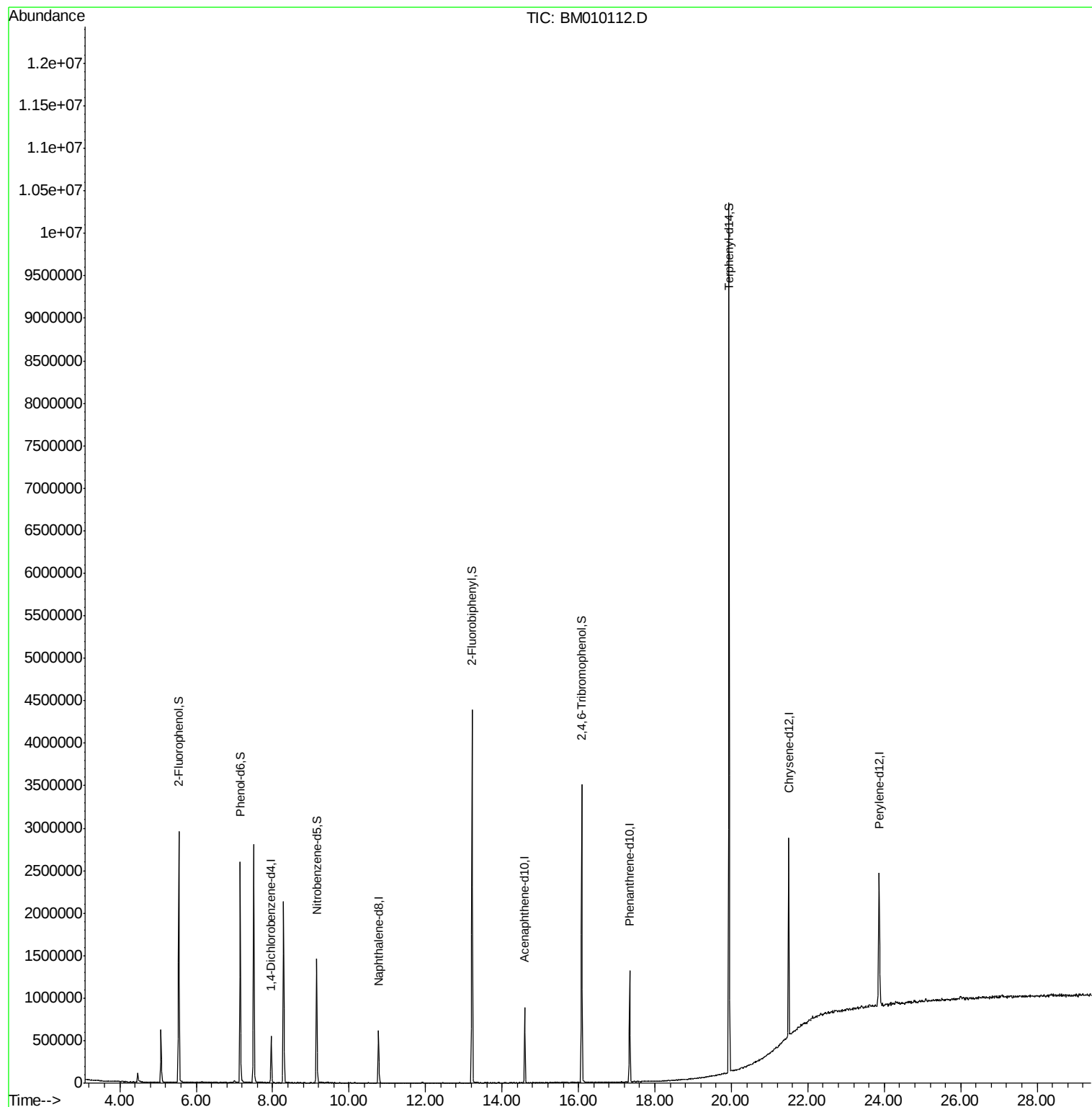
Target Compounds Qvalue

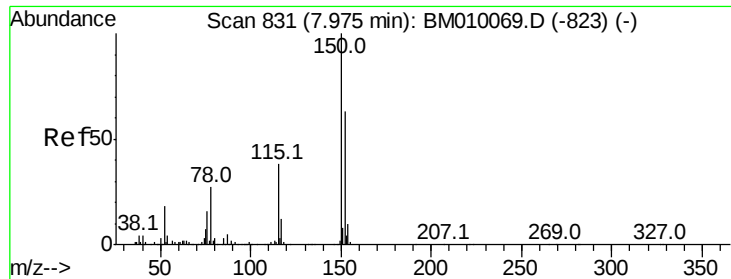
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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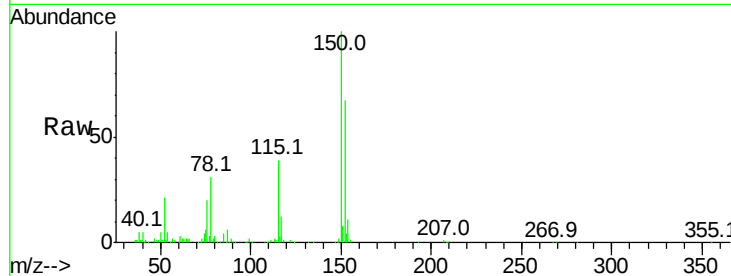


#1

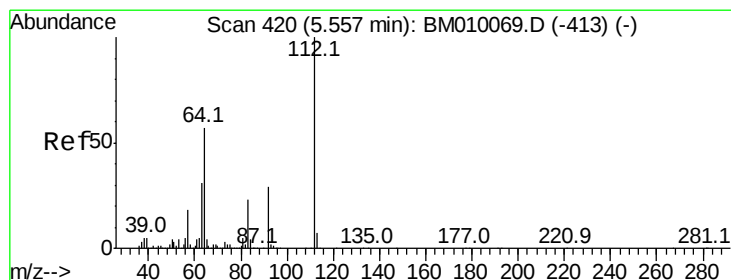
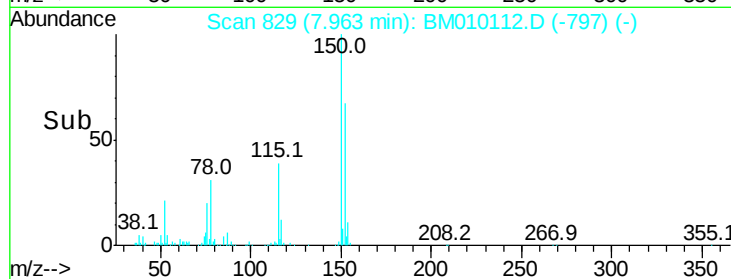
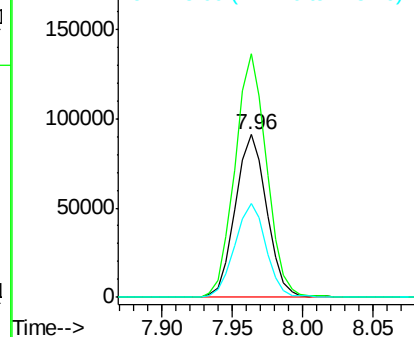
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010112.D
Acq: 22 May 2017 20:58

Instrument :
BNA_M
ClientSampleId :
PB99141TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	57.8	43.0	64.4



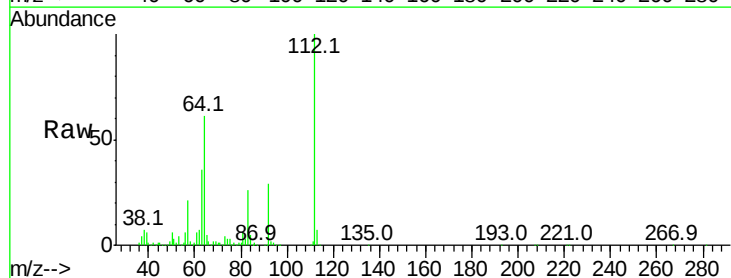
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



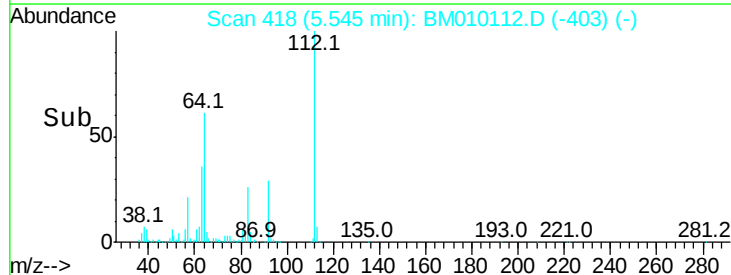
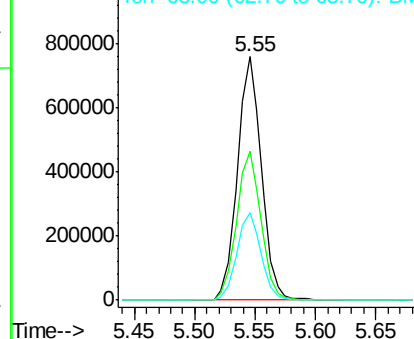
#5

2-Fluorophenol
Concen: 133.96 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010112.D
Acq: 22 May 2017 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	35.7	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 127.02 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010112.D

Acq: 22 May 2017 20:58

Instrument :

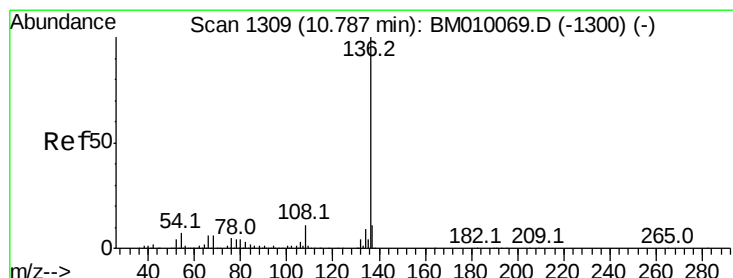
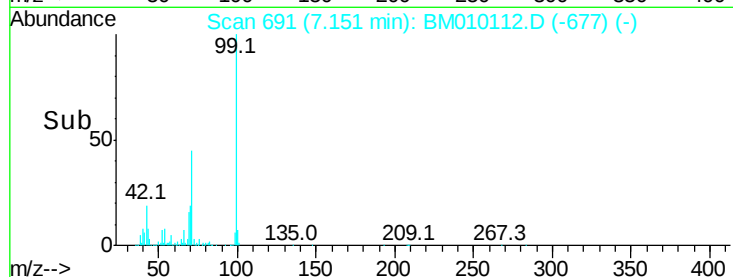
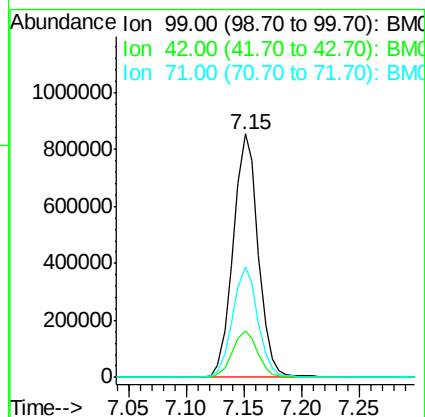
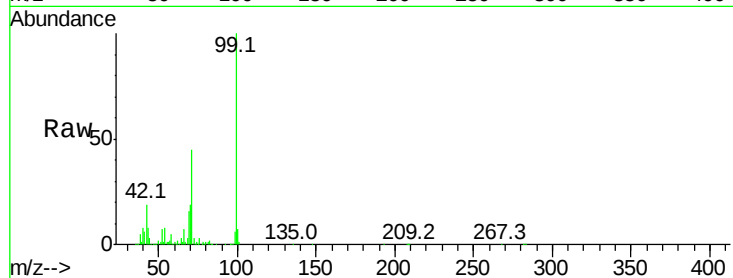
BNA_M

ClientSampled :

PB99141TB

Tot Ion: 99 Resp: 1286789

Ion	Ratio	Lower	Upper
99	100		
42	19.1	11.0	16.4#
71	45.3	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

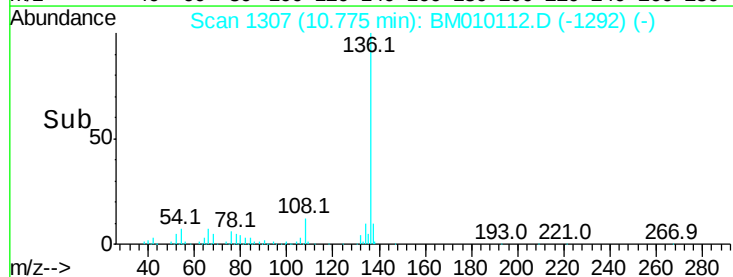
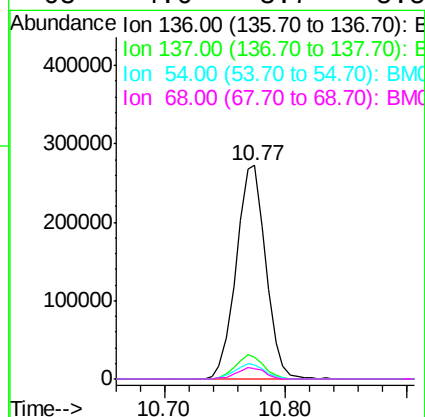
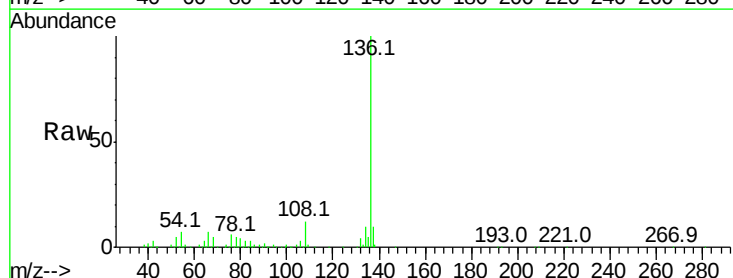
Delta R.T. -0.01 min

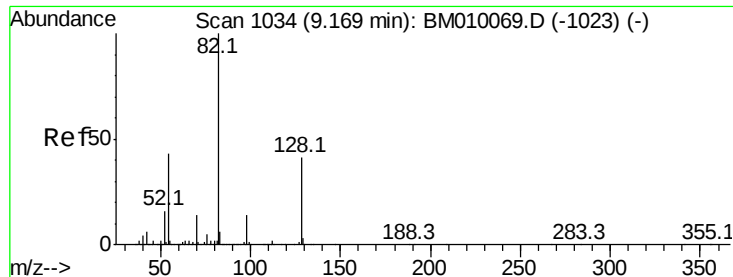
Lab File: BM010112.D

Acq: 22 May 2017 20:58

Tgt Ion: 136 Resp: 464840

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.7	4.6	6.8
68	4.6	3.7	5.5

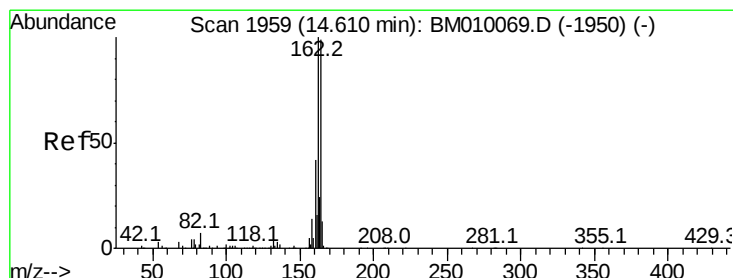
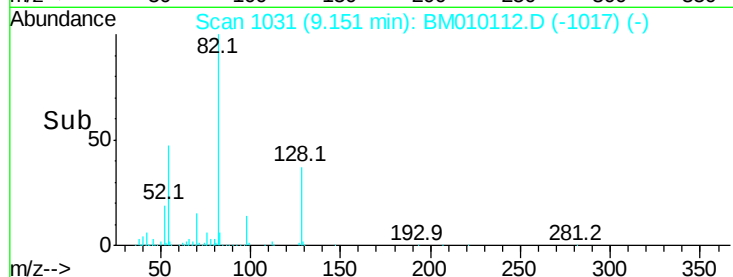
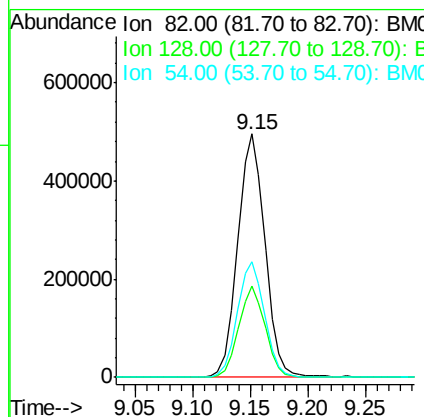
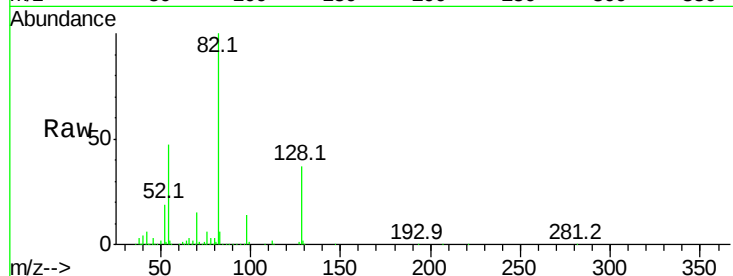




#23
 Nitrobenzene-d5
 Concen: 93.84 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010112.D
 Acq: 22 May 2017 20:58

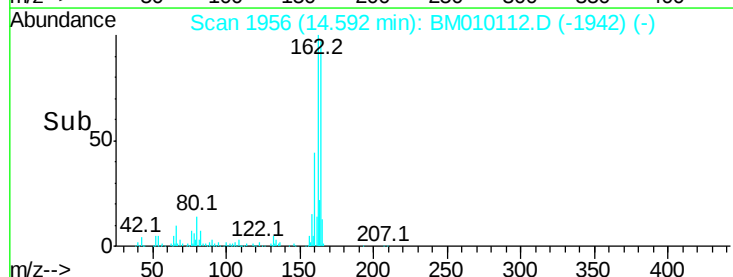
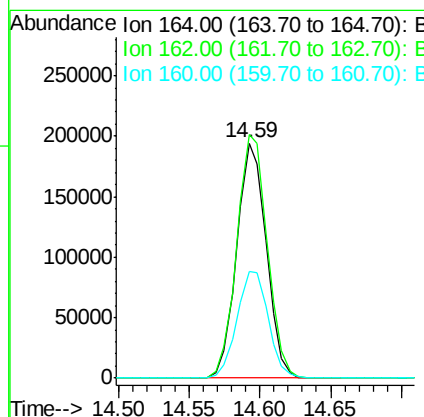
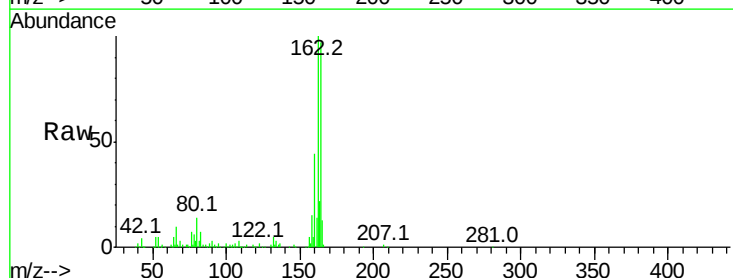
Instrument :
 BNA_M
 ClientSampleId :
 PB99141TB

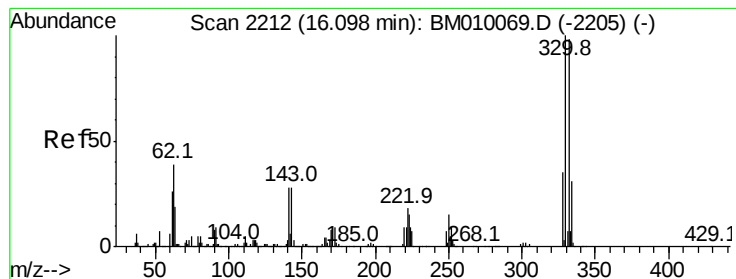
Tot Ion	82	Resp	808476
Ion Ratio	Lower	Upper	
82	100		
128	37.4	32.8	49.2
54	47.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010112.D
 Acq: 22 May 2017 20:58

Tgt Ion	164	Resp	283251
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.4	123.6
160	45.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 140.22 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010112.D

Acq: 22 May 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB99141TB

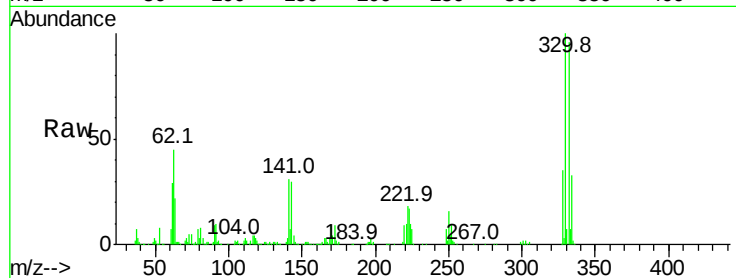
Tot Ion:330 Resp: 603219

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

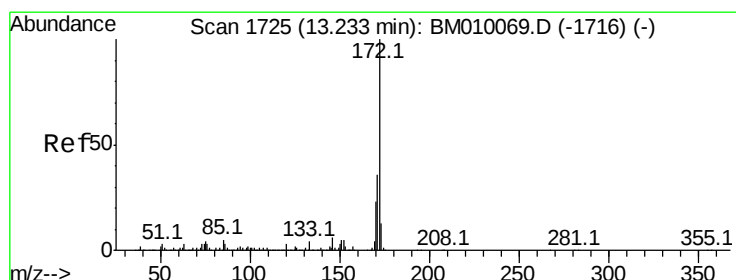
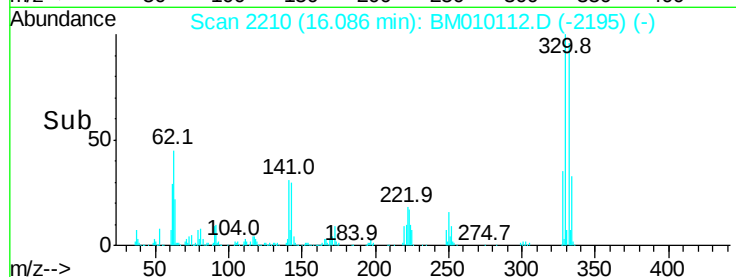
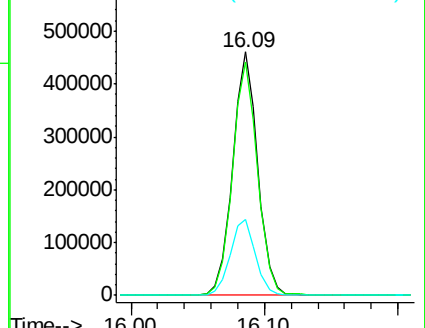
141 31.6 0.0 0.0#



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: 96.04 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010112.D

Acq: 22 May 2017 20:58

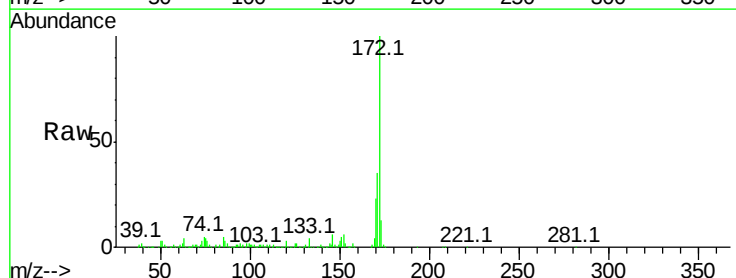
Tgt Ion:172 Resp: 2116005

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

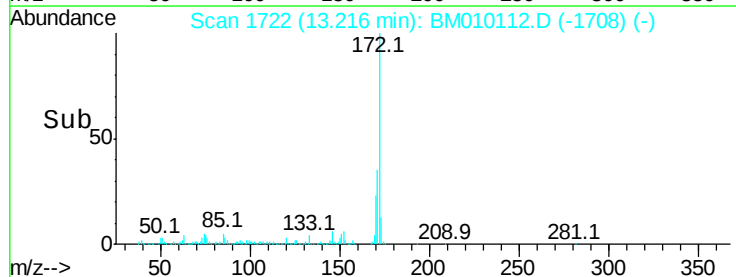
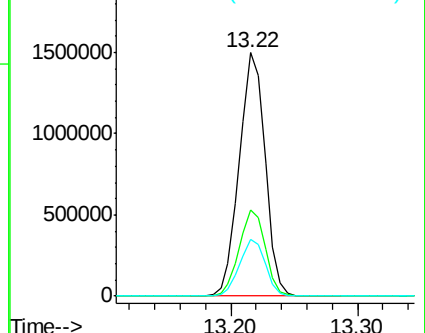
170 23.1 18.8 28.2

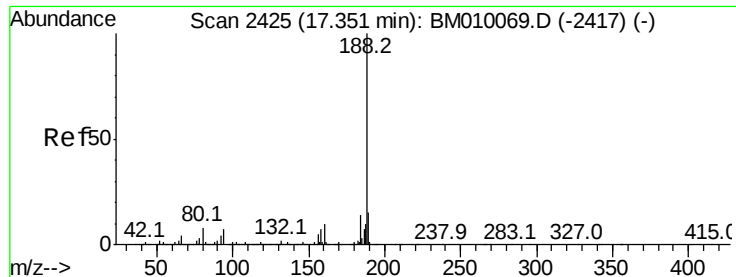


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

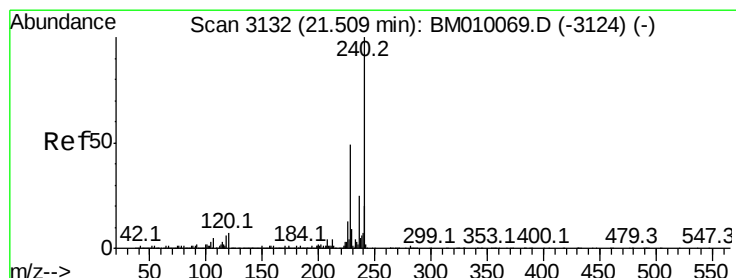
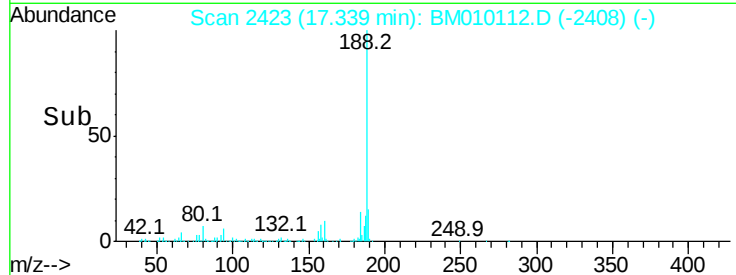
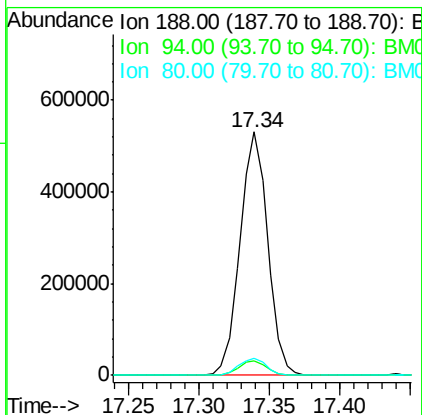
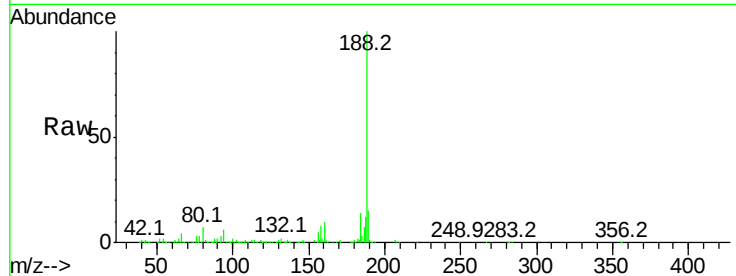




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010112.D
Acq: 22 May 2017 20:58

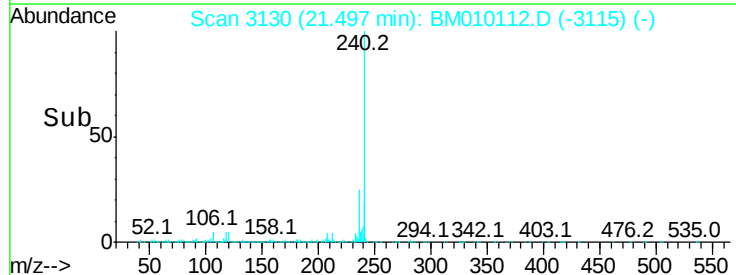
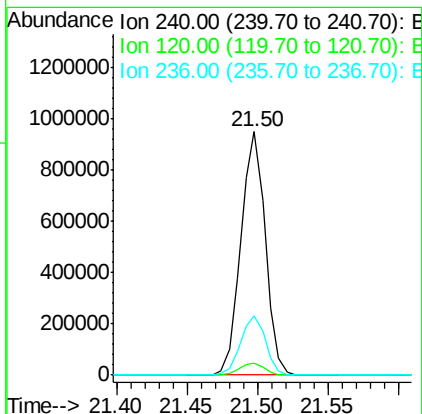
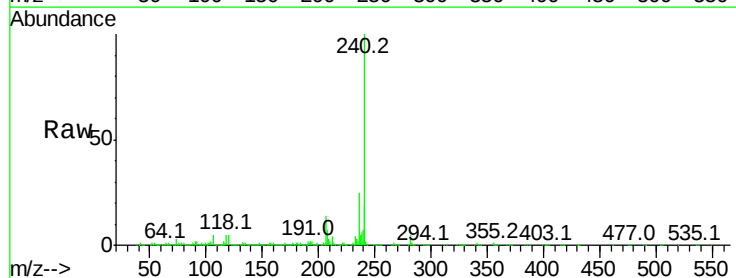
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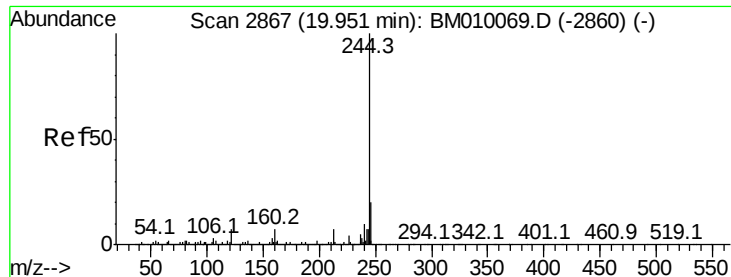
Tot Ion:188 Resp: 730081
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010112.D
Acq: 22 May 2017 20:58

Tgt Ion:240 Resp: 1147270
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 80.55 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010112.D

Acq: 22 May 2017 20:58

Instrument :

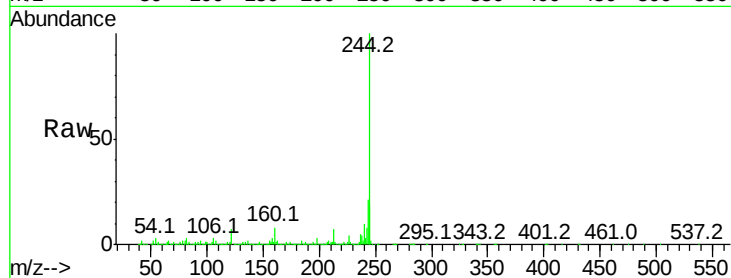
BNA_M

ClientSampleId :

PB99141TB

Tot Ion:244 Resp: 4064222

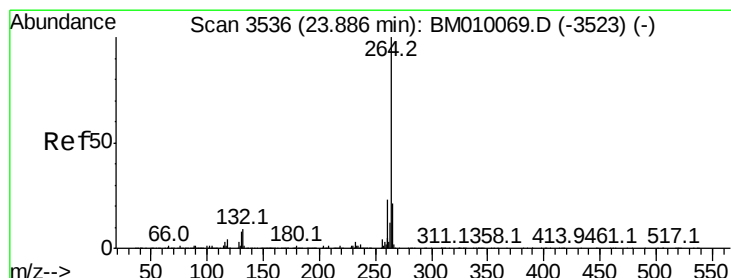
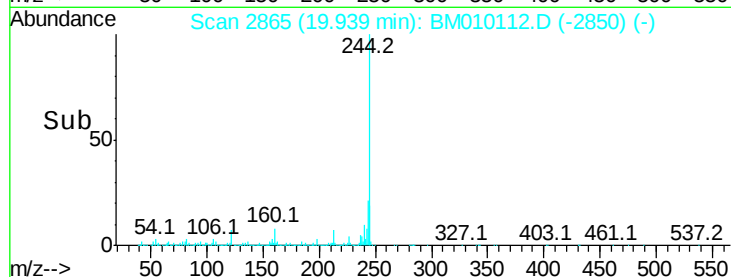
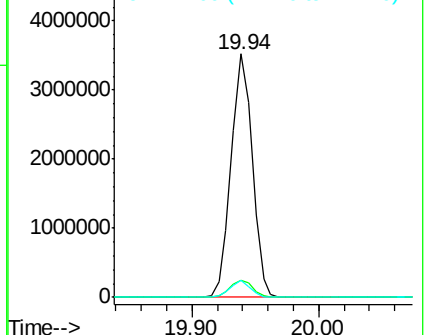
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.8	6.2	9.4



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: 23.86 min Scan# 3532

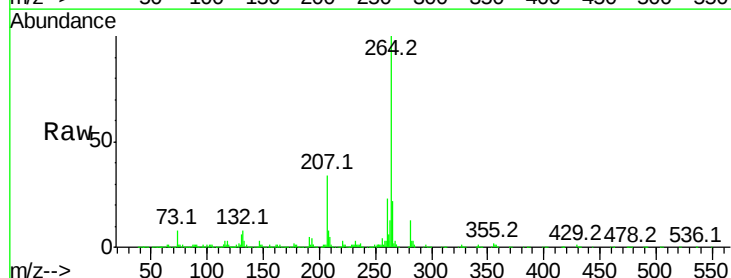
Delta R.T. -0.02 min

Lab File: BM010112.D

Acq: 22 May 2017 20:58

Tgt Ion:264 Resp: 1258234

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	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

