

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010262.D
 Acq On : 26 May 2017 18:11
 Operator : SJ/MA
 Sample : PB99311BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BL

Quant Time: May 27 00:48:27 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	7.94	152	108824	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	352899	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	217601	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	508339	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	759665	20.00	ng	-0.03
86) Perylene-d12	23.83	264	672048	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	691736	114.79	ng	-0.03
7) Phenol-d6	7.13	99	782642	100.93	ng	-0.04
23) Nitrobenzene-d5	9.13	82	542805	82.98	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	331889	100.42	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1367525	80.79	ng	-0.04
78) Terphenyl-d14	19.92	244	2216870	66.35	ng	-0.03

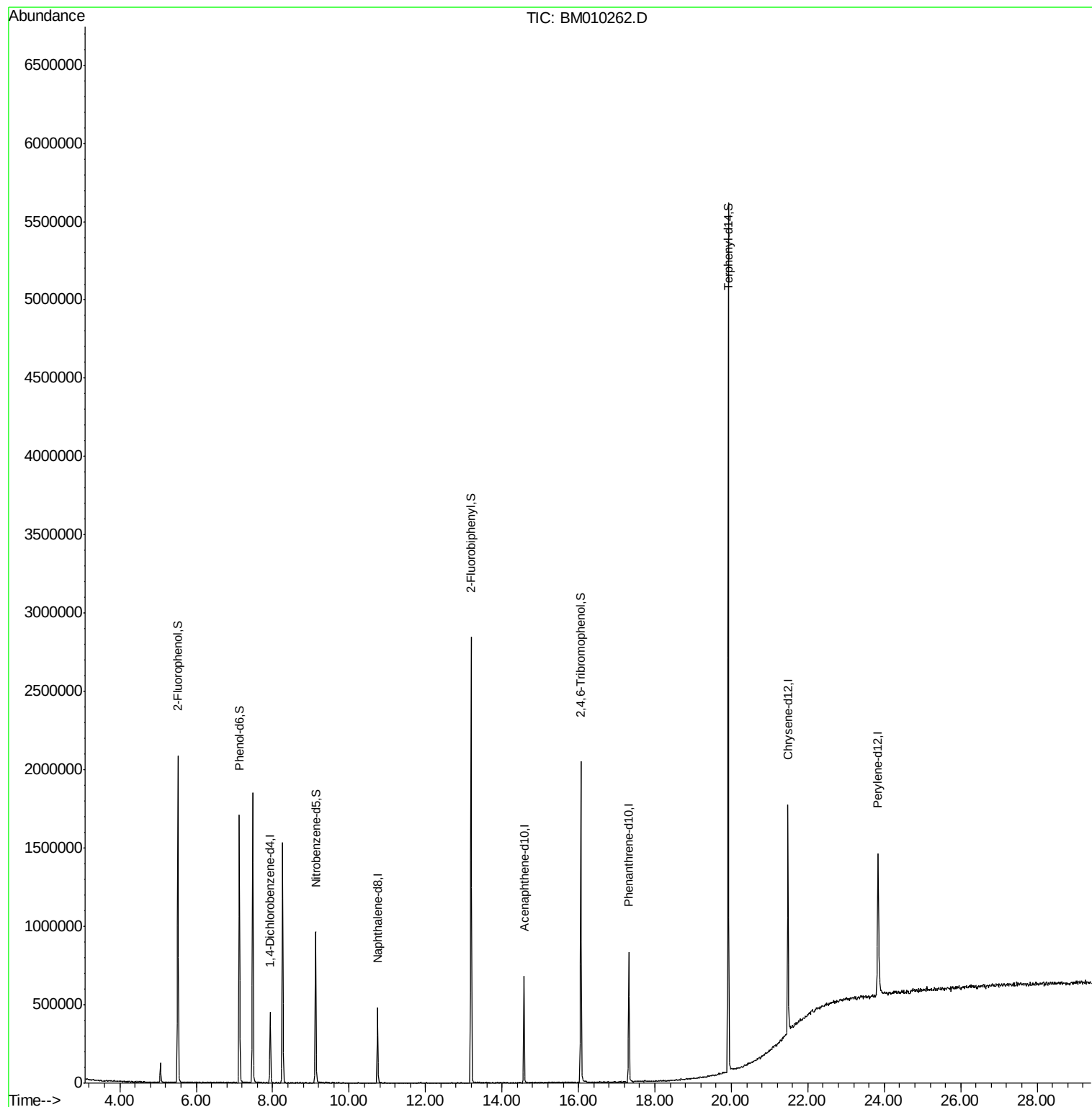
Target Compounds Qvalue

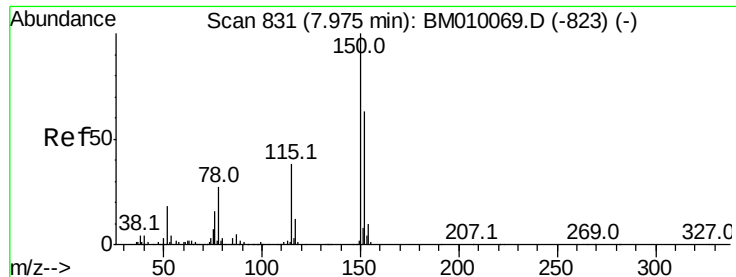
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

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BNA_M

ClientSampleId :

PB99311BL

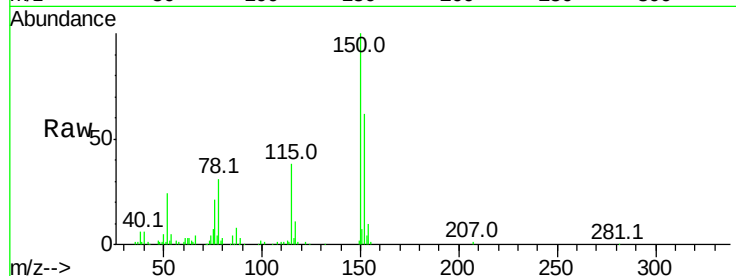
Tot Ion:152 Resp: 108824

Ion Ratio Lower Upper

152 100

150 160.5 119.5 179.3

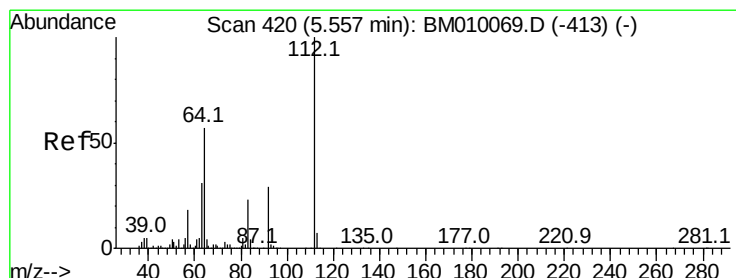
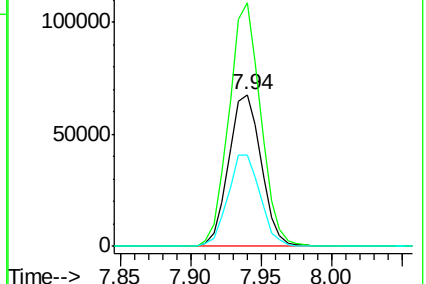
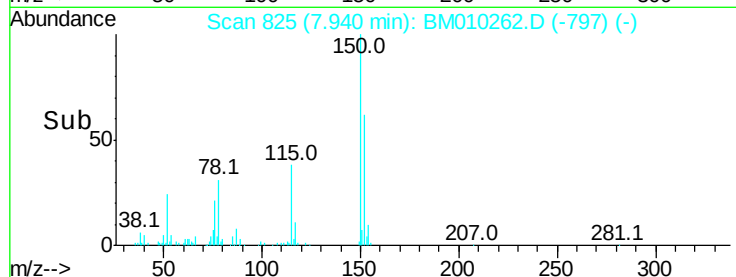
115 60.3 43.0 64.4



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: 114.79 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

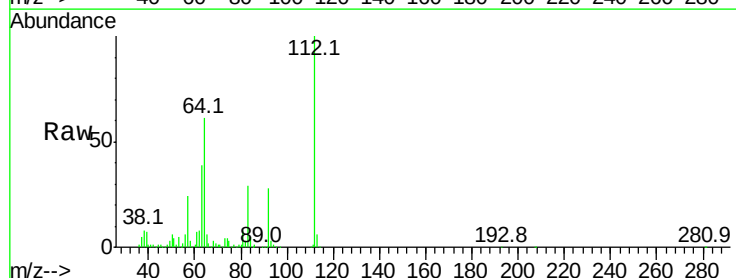
Tgt Ion:112 Resp: 691736

Ion Ratio Lower Upper

112 100

64 61.5 38.6 57.8#

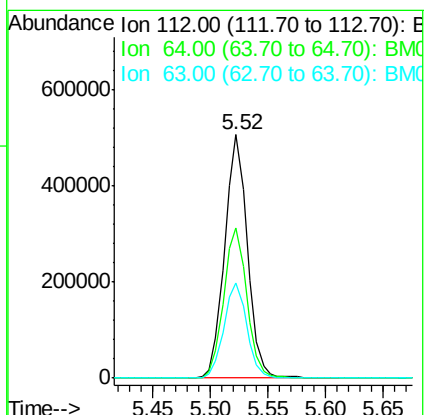
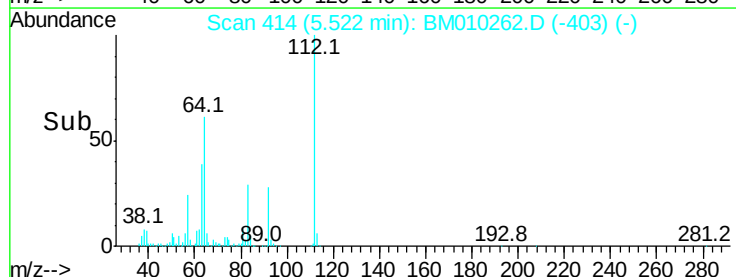
63 39.3 19.3 28.9#

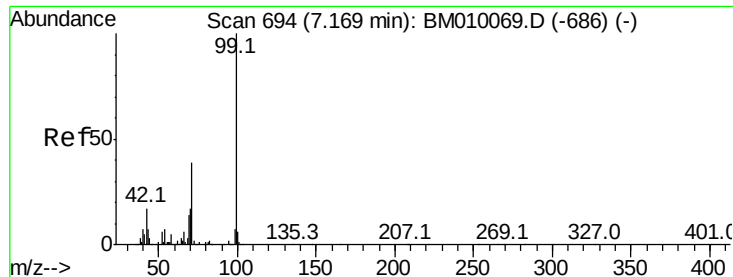


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 100.93 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

Instrument :

BNA_M

ClientSampleId :

PB99311BL

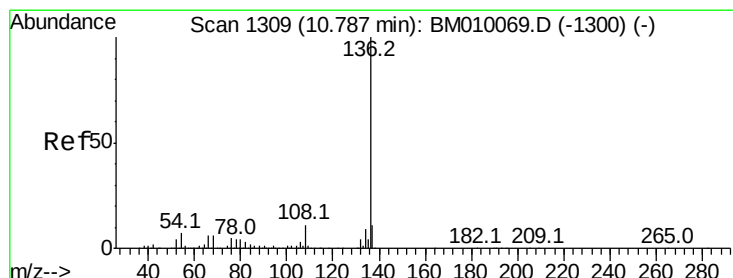
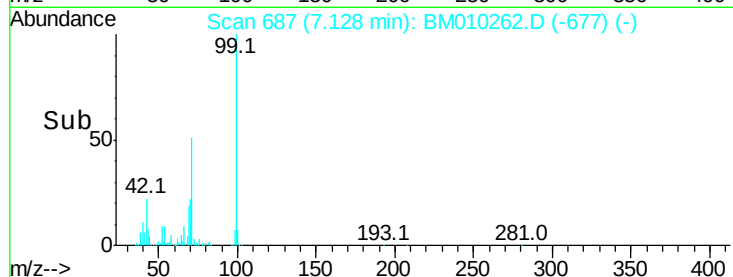
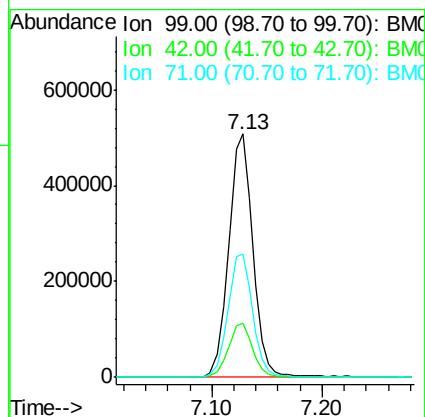
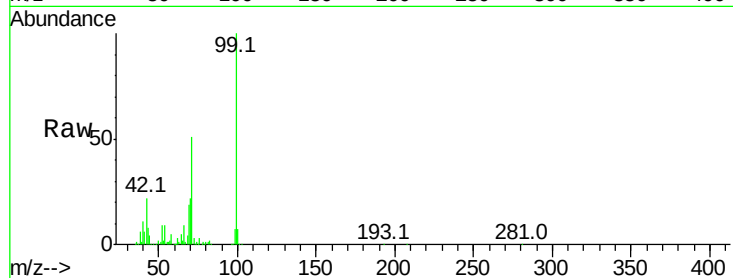
Tot Ion: 99 Resp: 782642

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 50.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

Tgt Ion: 136 Resp: 352899

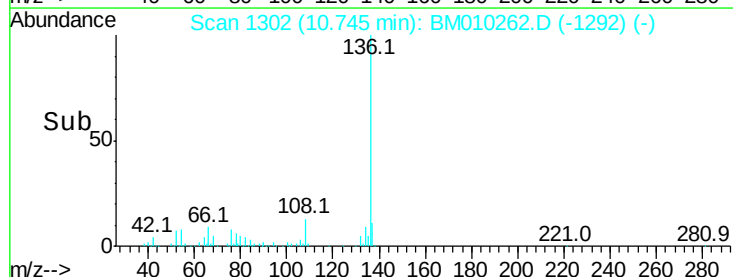
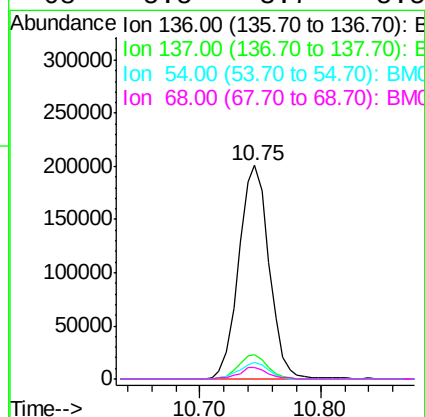
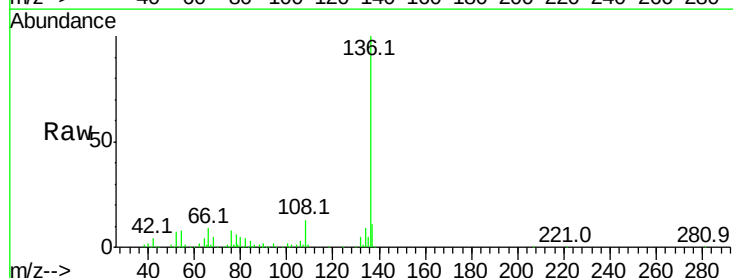
Ion Ratio Lower Upper

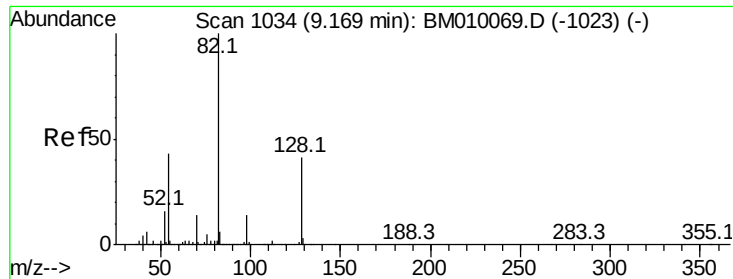
136 100

137 11.5 8.7 13.1

54 7.6 4.6 6.8#

68 5.5 3.7 5.5

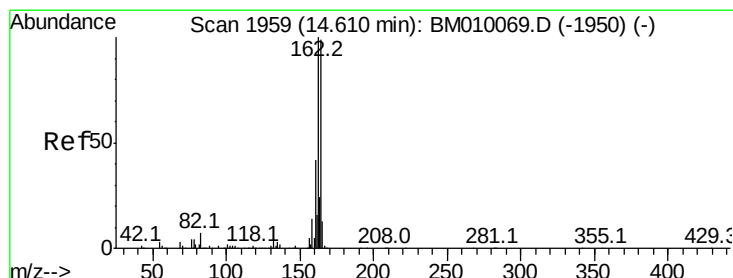
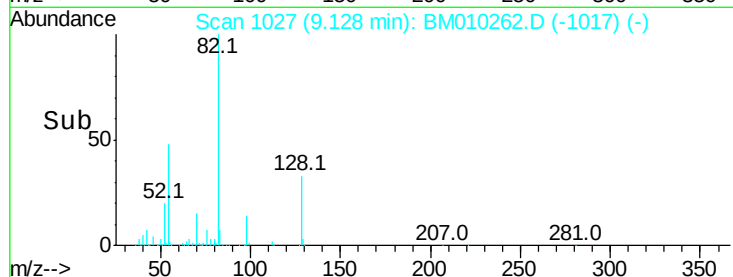
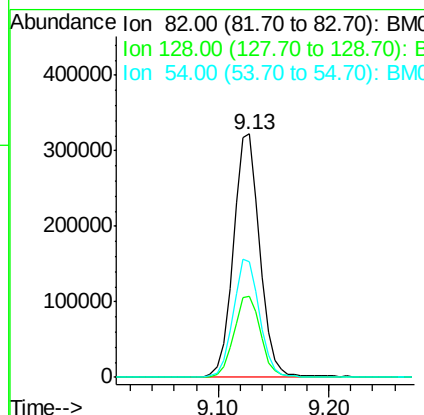
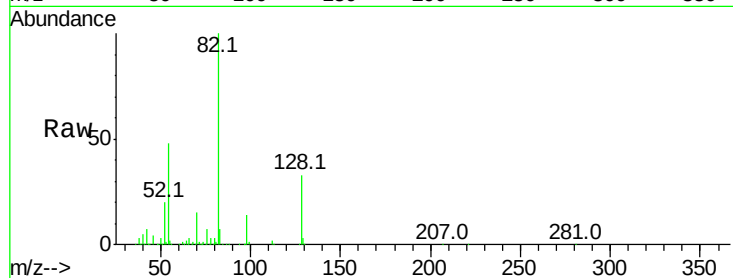




#23
 Nitrobenzene-d5
 Concen: 82.98 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010262.D
 Acq: 26 May 2017 18:11

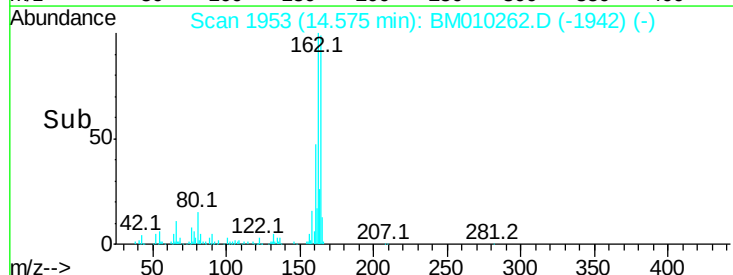
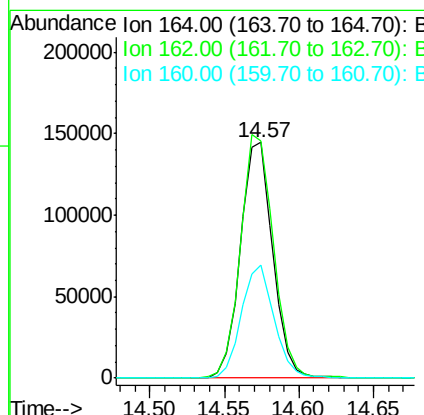
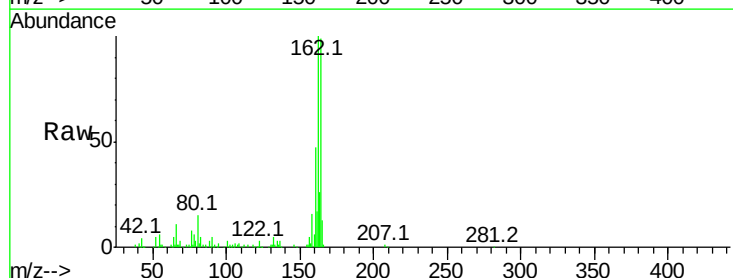
Instrument :
 BNA_M
 ClientSampled :
 PB99311BL

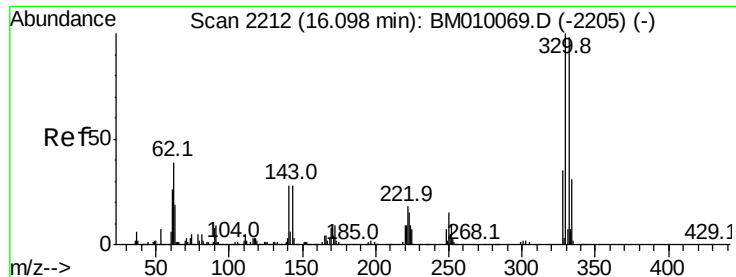
Tot Ion	82	Resp	542805
Ion Ratio	100	Lower	Upper
128	33.3	32.8	49.2
54	47.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010262.D
 Acq: 26 May 2017 18:11

Tgt Ion	164	Resp	217601
Ion Ratio	100	Lower	Upper
162	100.8	82.4	123.6
160	47.7	35.8	53.6

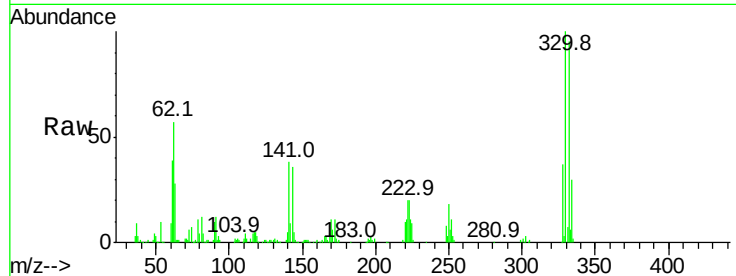




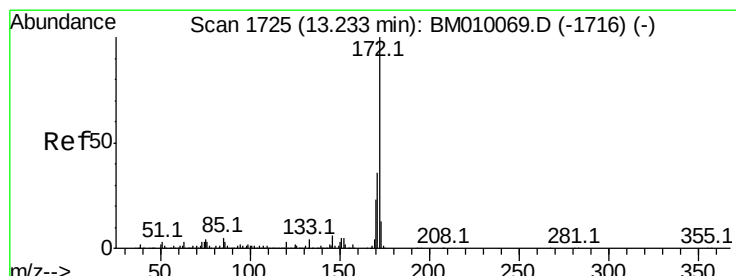
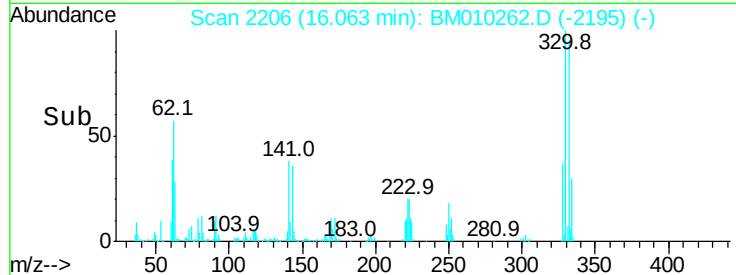
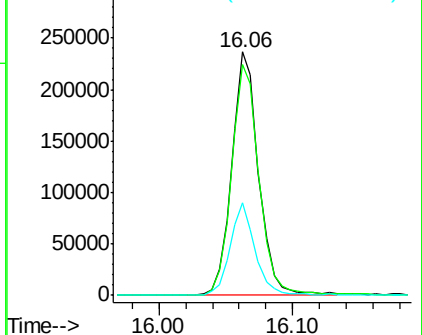
#41
 2,4,6-Tribromophenol
 Concen: 100.42 ng
 RT: 16.06 min Scan# 2206
 Delta R.T. -0.04 min
 Lab File: BM010262.D
 Acq: 26 May 2017 18:11

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	35.4	0.0	0.0#

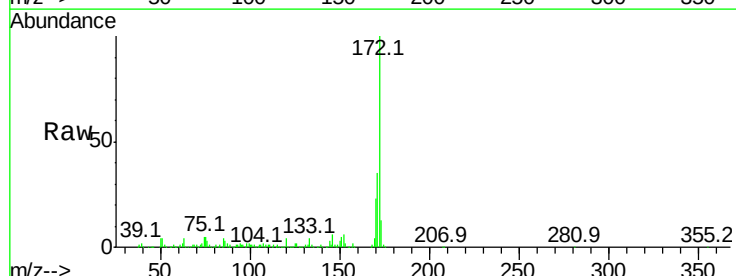


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

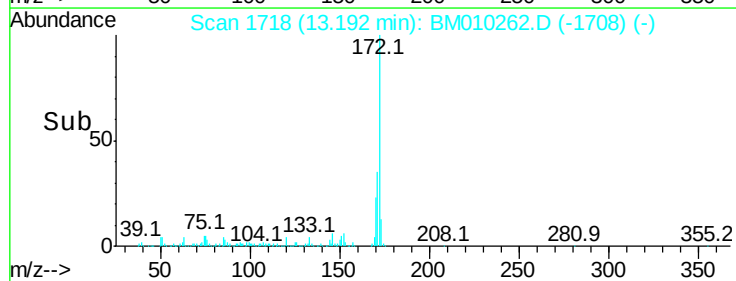
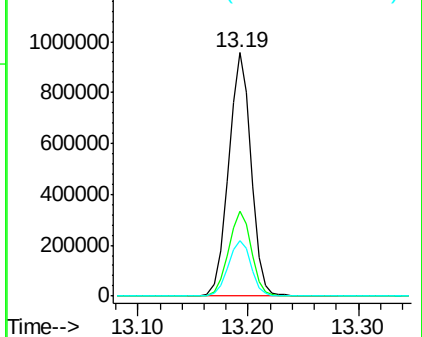


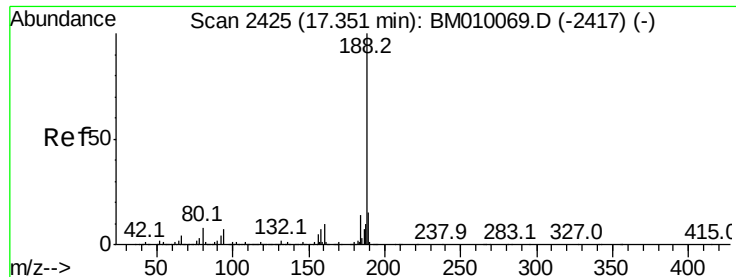
#44
 2-Fluorobiphenyl
 Concen: 80.79 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010262.D
 Acq: 26 May 2017 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.0	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

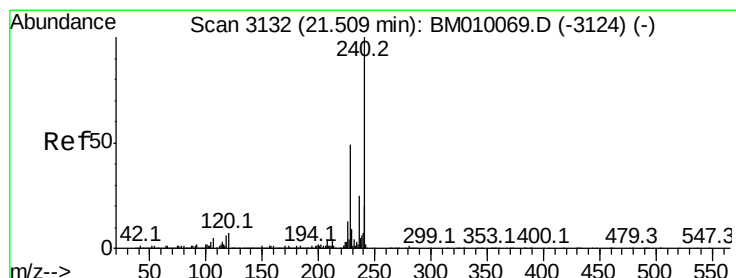
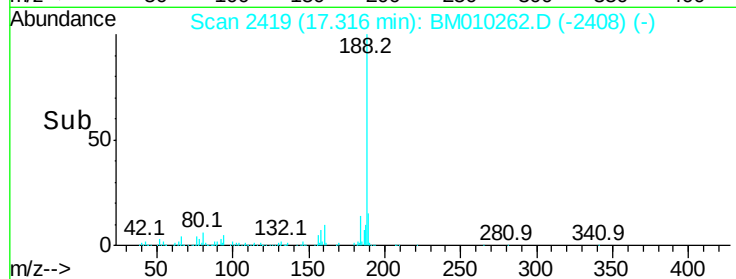
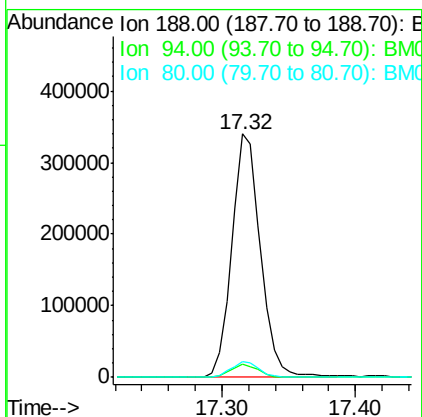
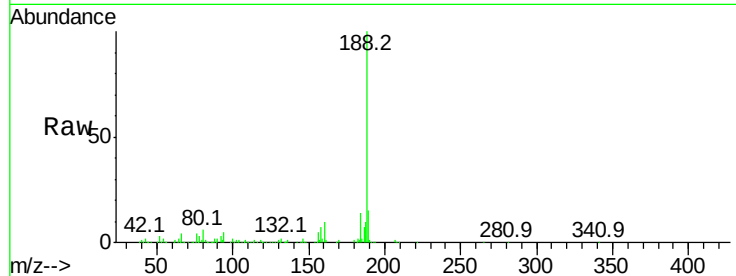




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010262.D
Acq: 26 May 2017 18:11

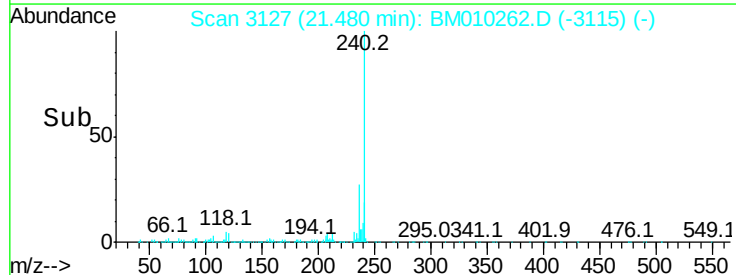
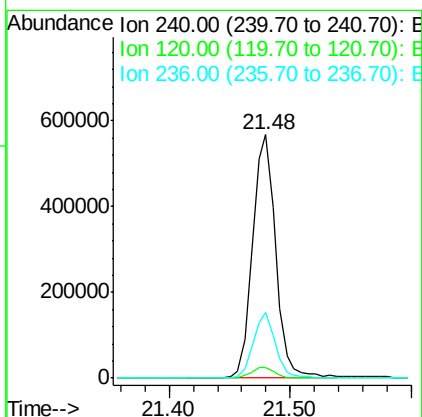
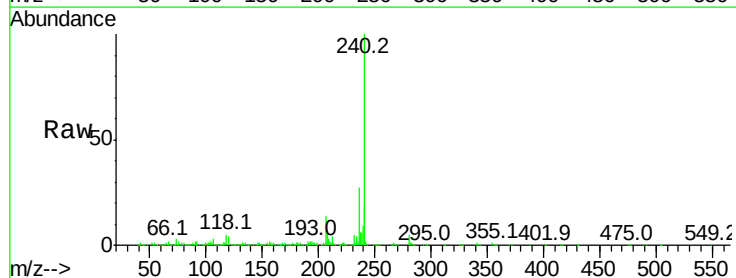
Instrument :
BNA_M
ClientSampleId :
PB99311BL

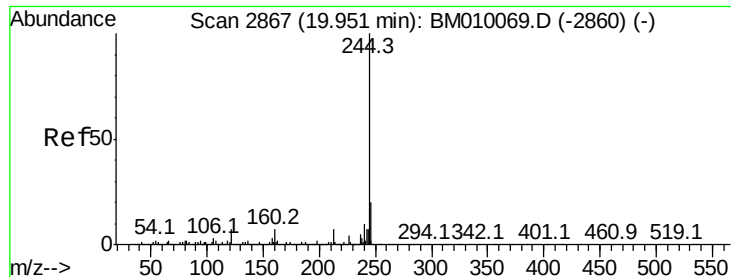
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.2	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010262.D
Acq: 26 May 2017 18:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	8.2	12.2#
236	27.0	20.0	30.0





#78

Terphenyl-d14

Concen: 66.35 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

Instrument :

BNA_M

ClientSampleId :

PB99311BL

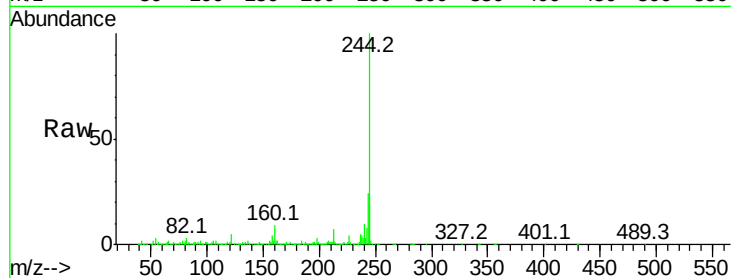
Tot Ion:244 Resp: 2216870

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

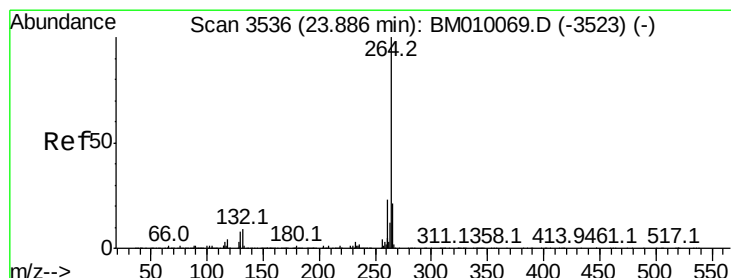
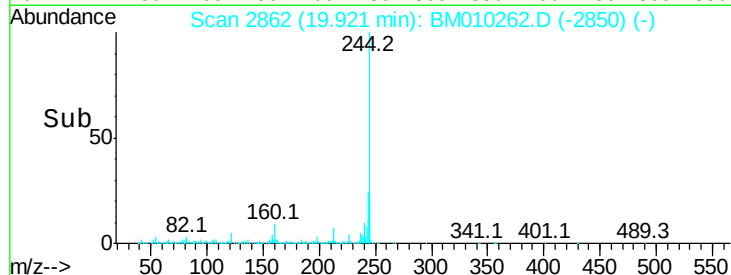
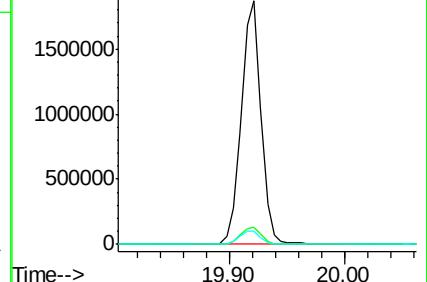
122 5.4 6.2 9.4#



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: 23.83 min Scan# 3527

Delta R.T. -0.05 min

Lab File: BM010262.D

Acq: 26 May 2017 18:11

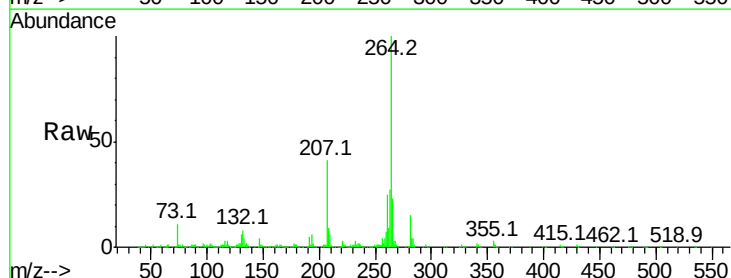
Tgt Ion:264 Resp: 672048

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 23.1 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

