

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011269.D
 Acq On : 17 Aug 2017 16:39
 Operator : SJ/JU
 Sample : PB101642BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BL

Quant Time: Aug 18 01:49:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	108842	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	379944	20.00	ng	-0.02
38) Acenaphthene-d10	13.95	164	235500	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	598521	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	760637	20.00	ng	-0.02
86) Perylene-d12	23.00	264	685569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	939504	145.92	ng	-0.01
7) Phenol-d6	6.48	99	1271699	139.01	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1128299	111.46	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	483078	127.98	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1808932	96.33	ng	-0.02
78) Terphenyl-d14	19.37	244	3008475	78.35	ng	-0.01

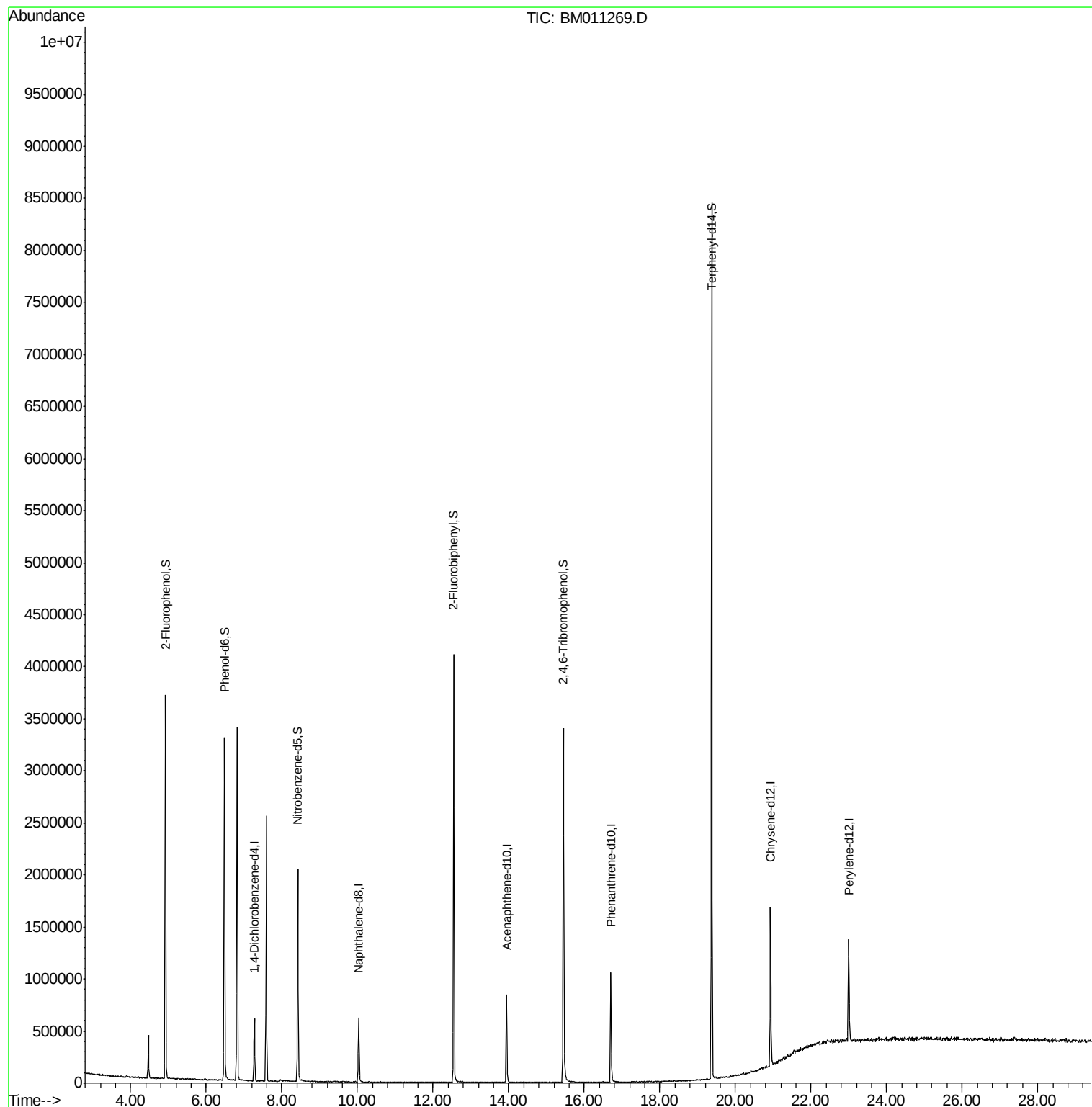
Target Compounds	Qvalue
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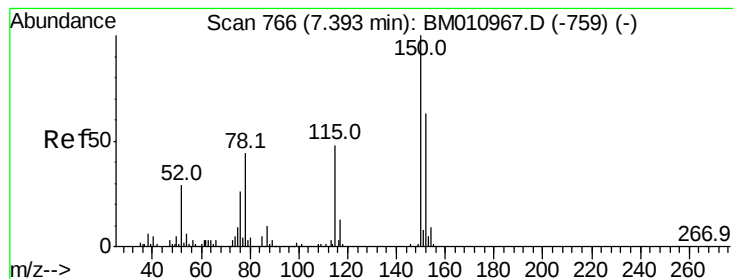
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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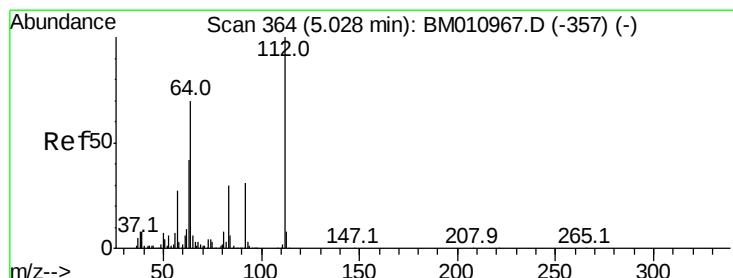
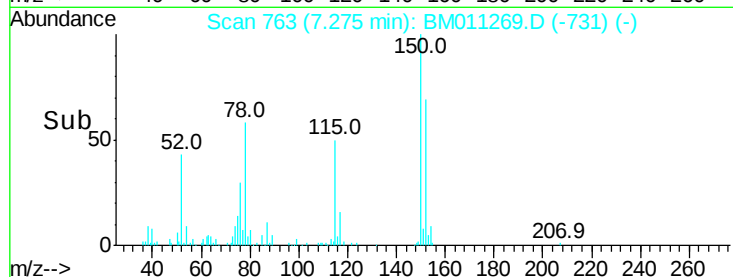
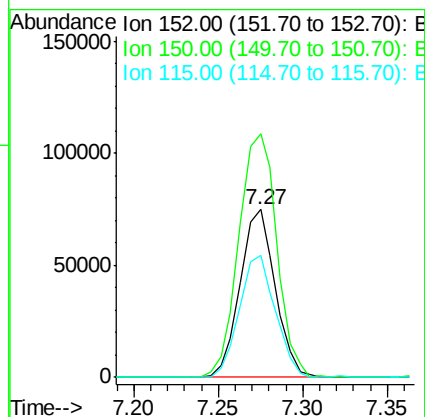
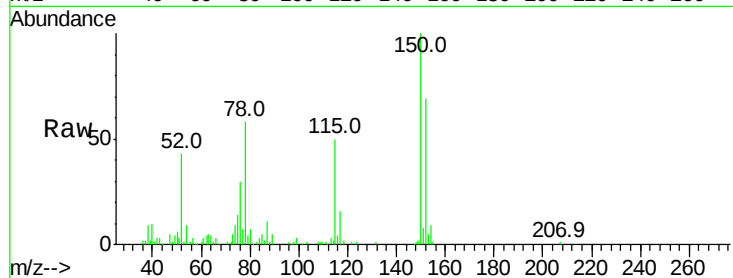


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011269.D
Acq: 17 Aug 2017 16:39

Instrument :
BNA_M
ClientSampleId :
PB101642BL

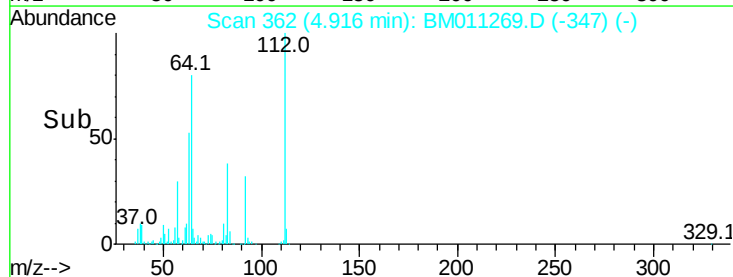
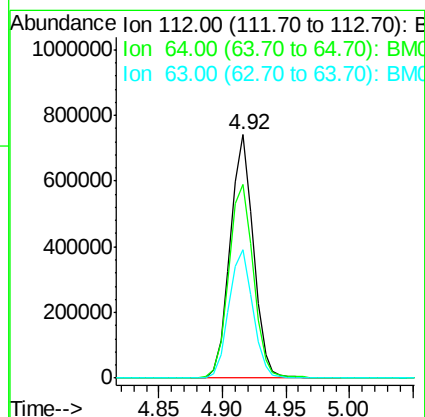
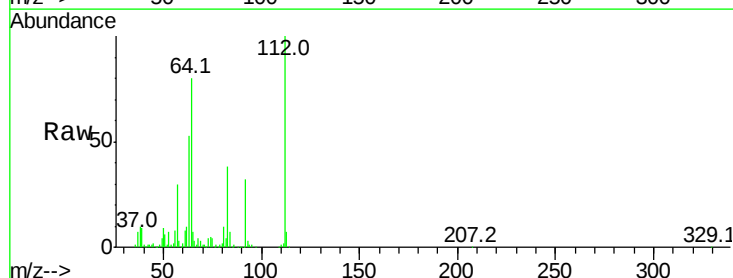
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	119.5	179.3
115	73.0	43.0	64.4#

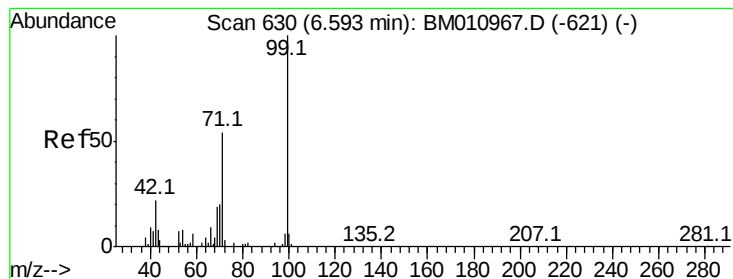


#5

2-Fluorophenol
Concen: 145.916 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011269.D
Acq: 17 Aug 2017 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.6	38.6	57.8#
63	52.6	19.3	28.9#





#7

Phenol-d6

Concen: 139.011 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

Instrument :

BNA_M

ClientSampleId :

PB101642BL

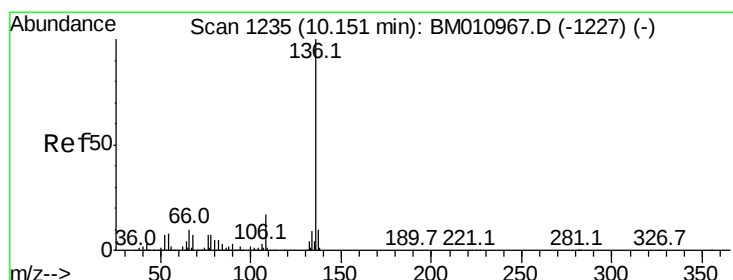
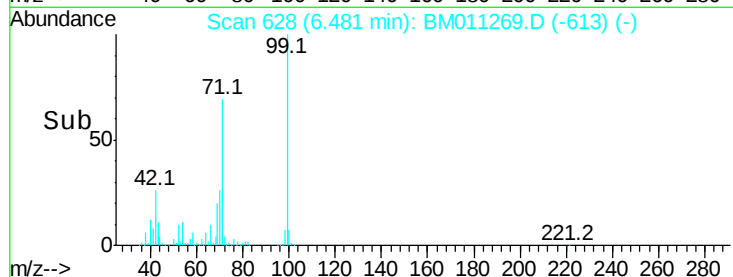
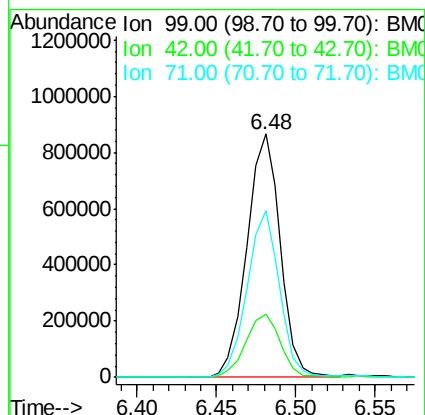
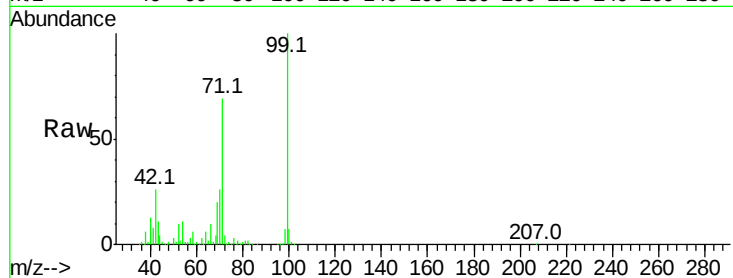
Tot Ion: 99 Resp: 1271699

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 68.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

Tgt Ion: 136 Resp: 379944

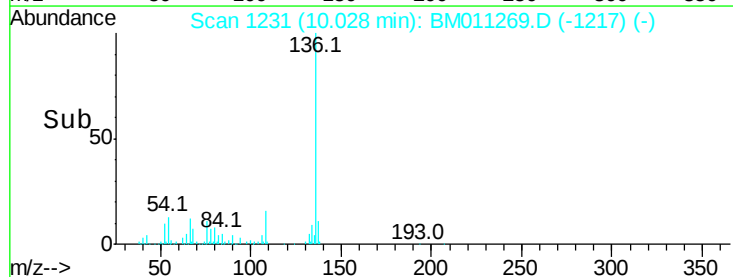
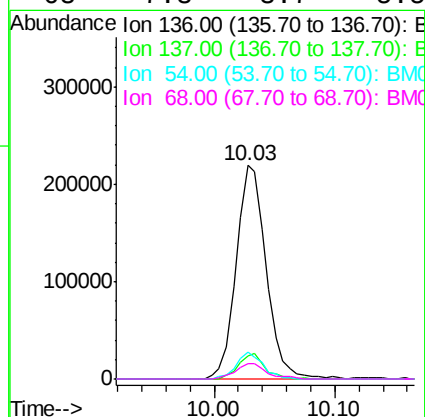
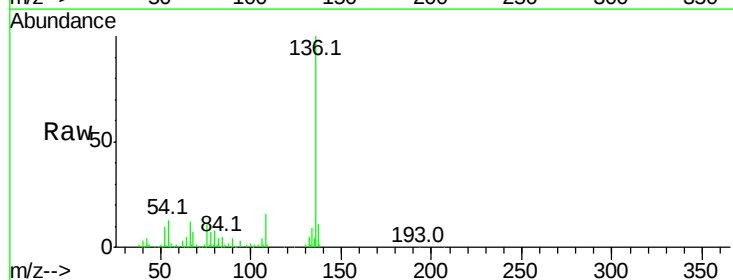
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 12.7 4.6 6.8#

68 7.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 111.456 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

Instrument :

BNA_M

ClientSampleId :

PB101642BL

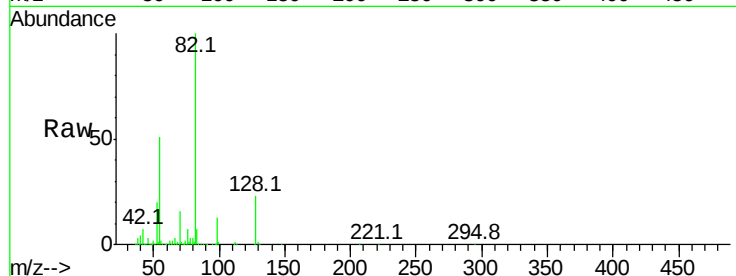
Tot Ion: 82 Resp: 1128299

Ion Ratio Lower Upper

82 100

128 22.8 32.8 49.2#

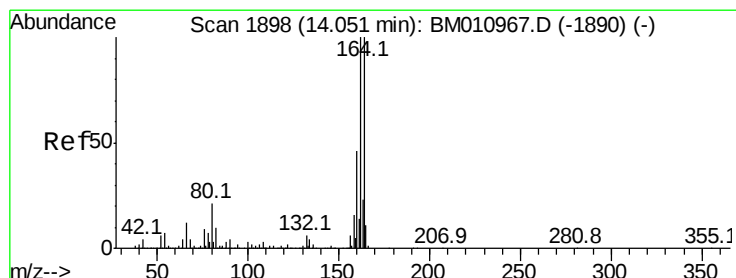
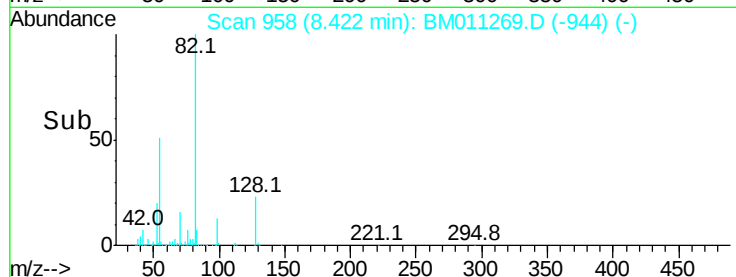
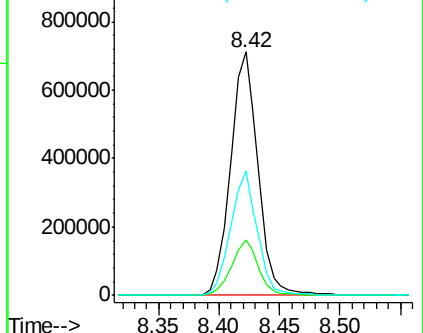
54 51.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011269.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011269.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011269.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

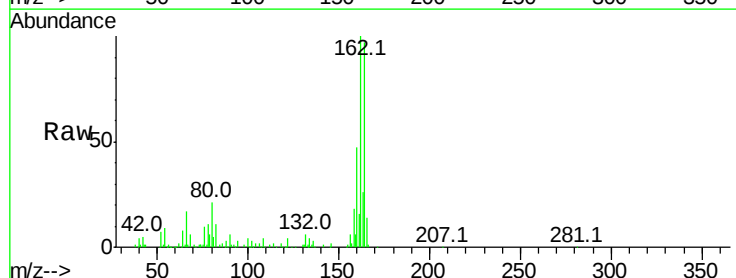
Tgt Ion:164 Resp: 235500

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

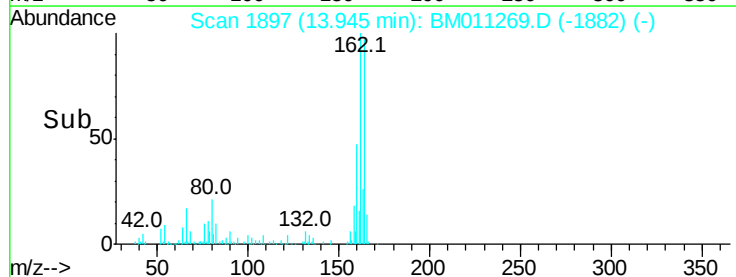
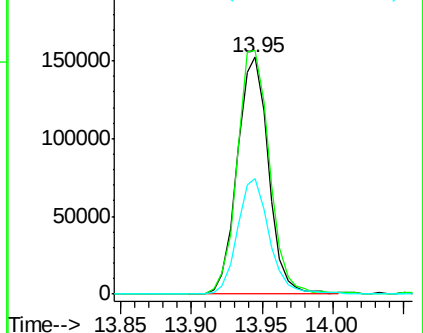
160 48.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011269.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011269.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011269.D (-1882) (-)

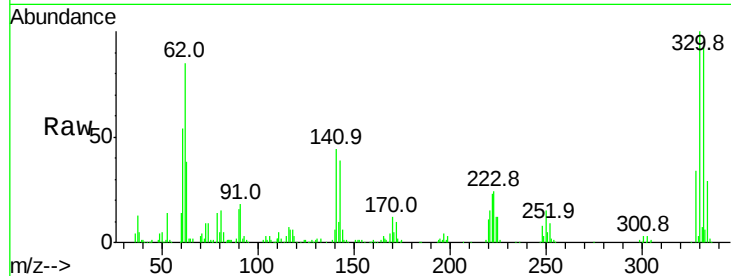




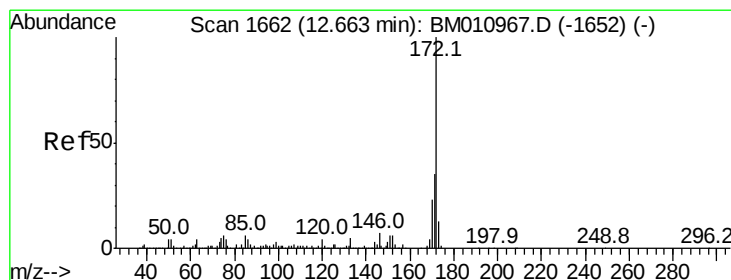
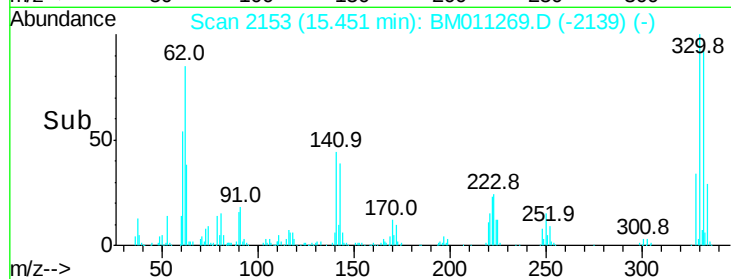
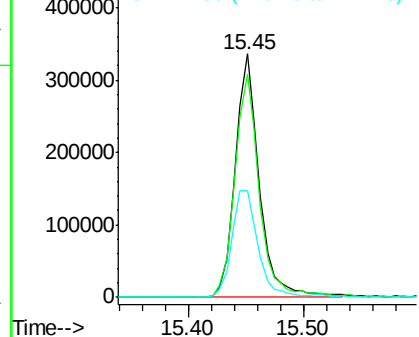
#41
 2,4,6-Tribromophenol
 Concen: 127.982 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011269.D
 Acq: 17 Aug 2017 16:39

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BL

Tot Ion:330 Resp: 483078
 Ion Ratio Lower Upper
 330 100
 332 94.3 0.0 0.0#
 141 47.9 0.0 0.0#

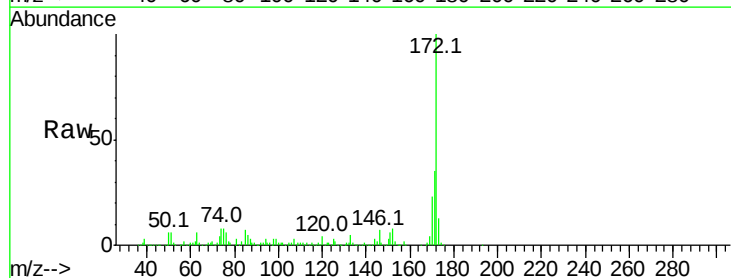


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

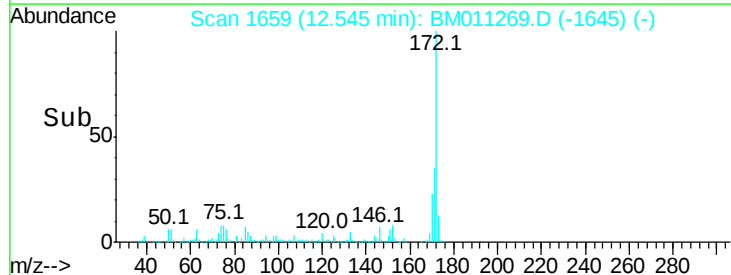
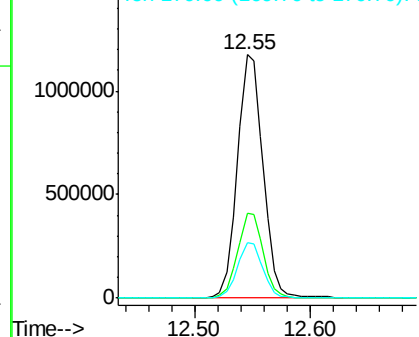


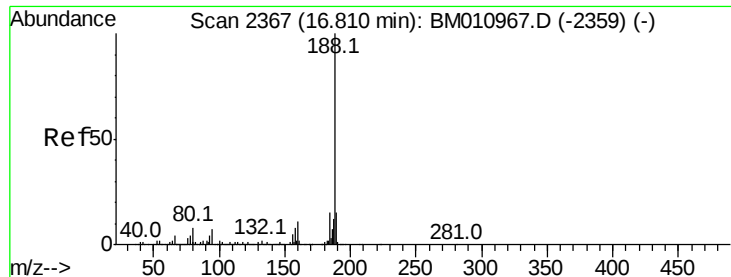
#44
 2-Fluorobiphenyl
 Concen: 96.333 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011269.D
 Acq: 17 Aug 2017 16:39

Tgt Ion:172 Resp: 1808932
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

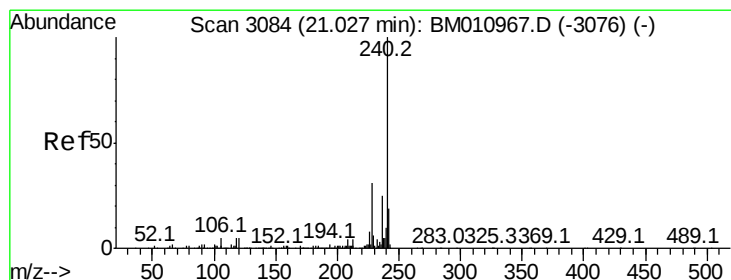
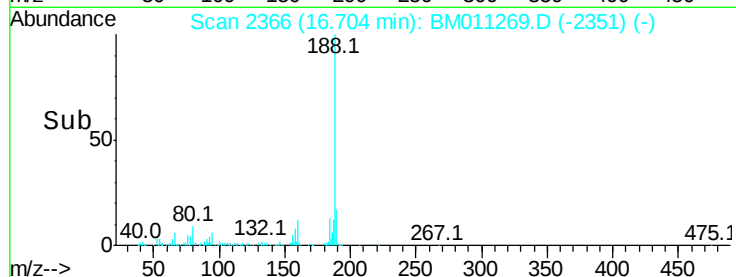
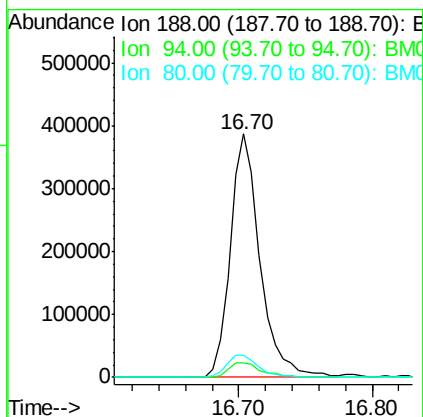
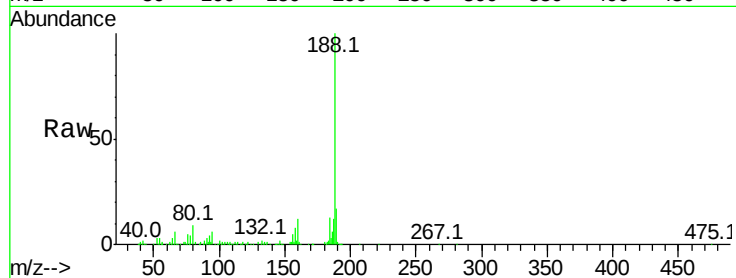




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011269.D
Acq: 17 Aug 2017 16:39

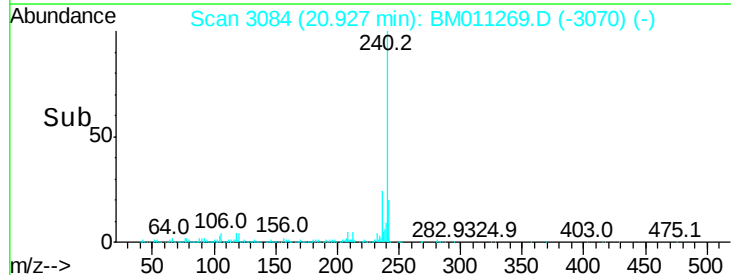
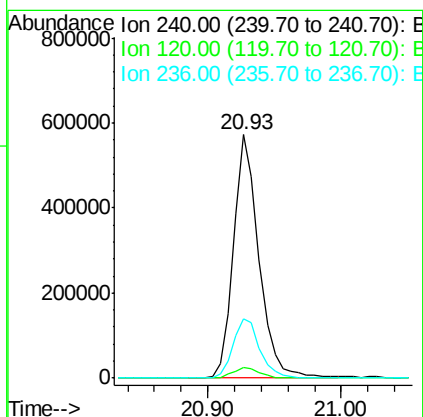
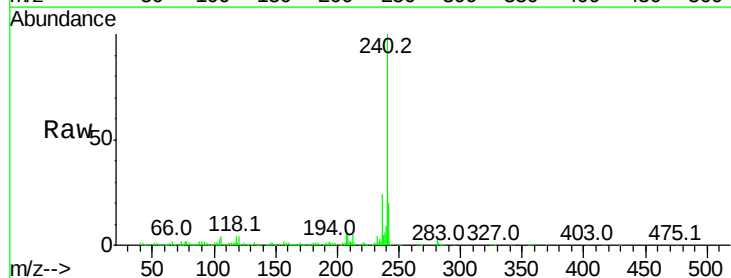
Instrument :
BNA_M
ClientSampleId :
PB101642BL

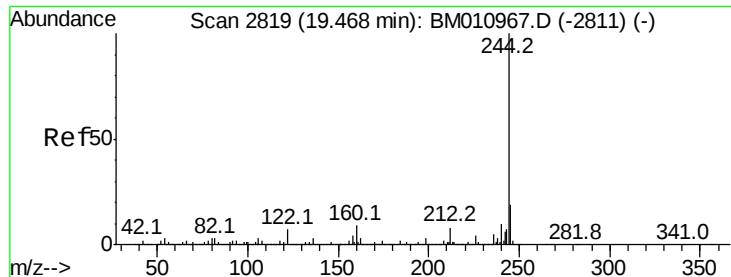
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	9.1	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011269.D
Acq: 17 Aug 2017 16:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	24.2	20.0	30.0





#78

Terphenyl-d14

Concen: 78.347 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

Instrument :

BNA_M

ClientSampleId :

PB101642BL

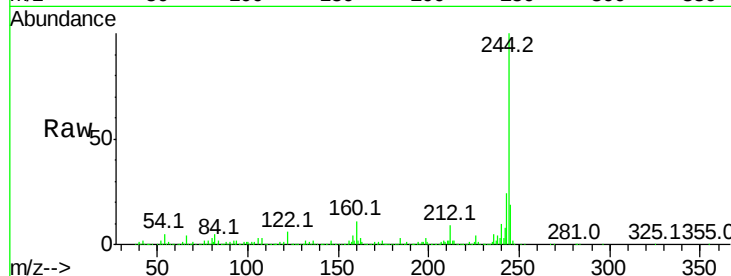
Tot Ion:244 Resp: 3008475

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

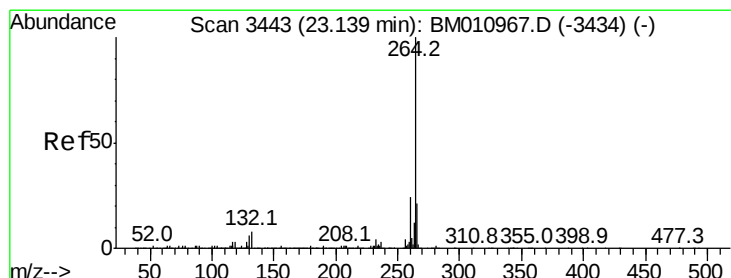
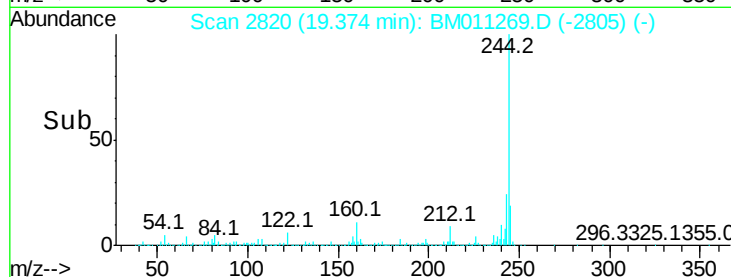
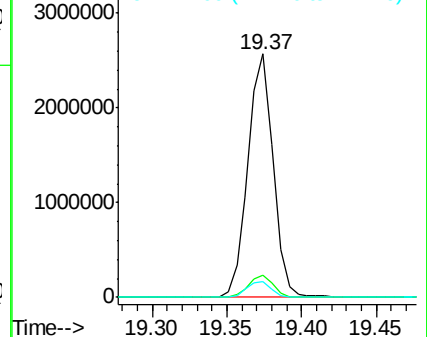
122 6.3 6.2 9.4



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: 20.000 ng

RT: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011269.D

Acq: 17 Aug 2017 16:39

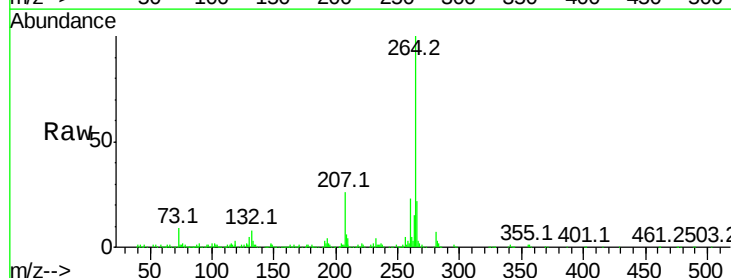
Tgt Ion:264 Resp: 685569

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.5 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

