

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011263.D
 Acq On : 16 Aug 2017 20:33
 Operator : SJ/JU
 Sample : I4736-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-32

Quant Time: Aug 17 04:14:16 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	118301	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	413667	20.00	ng	-0.01
38) Acenaphthene-d10	13.94	164	281533	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	752419	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1096759	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1029632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	354156	50.61	ng	-0.01
7) Phenol-d6	6.48	99	380580	38.28	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1290148	117.05	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	400537	88.76	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2072905	92.34	ng	-0.01
78) Terphenyl-d14	19.37	244	3786847	68.39	ng	-0.01

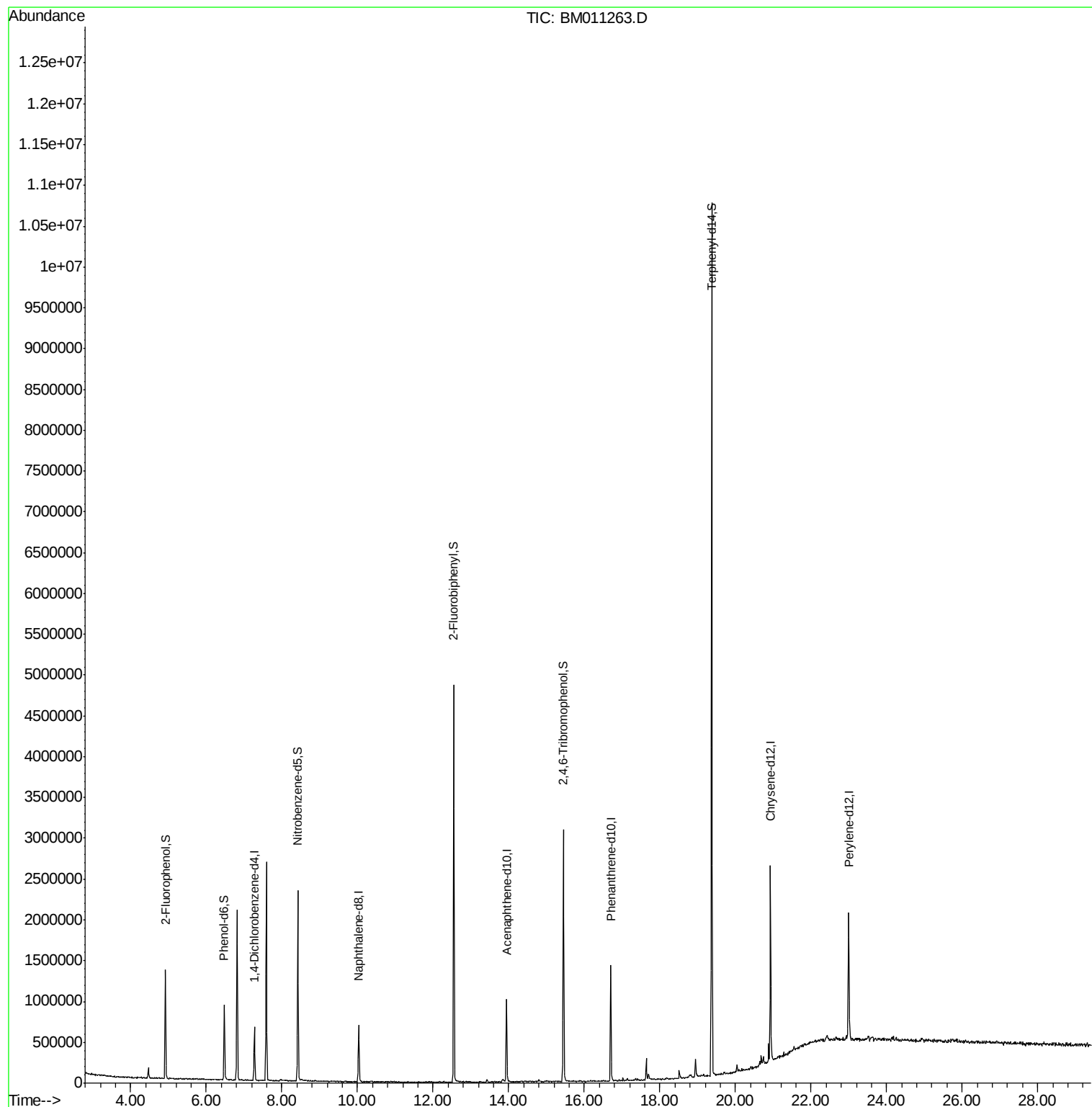
Target Compounds Qvalue

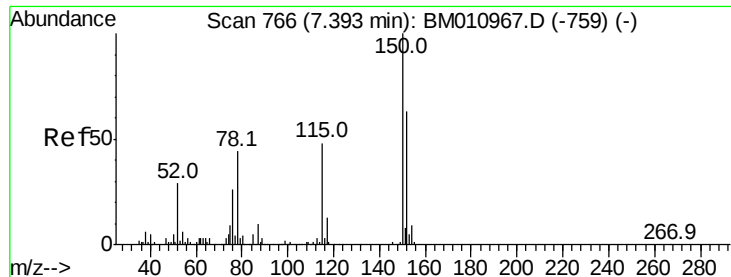
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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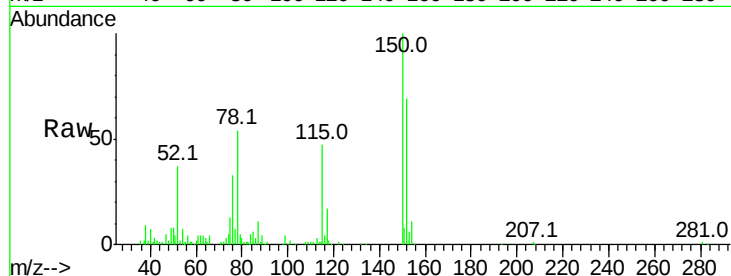


#1

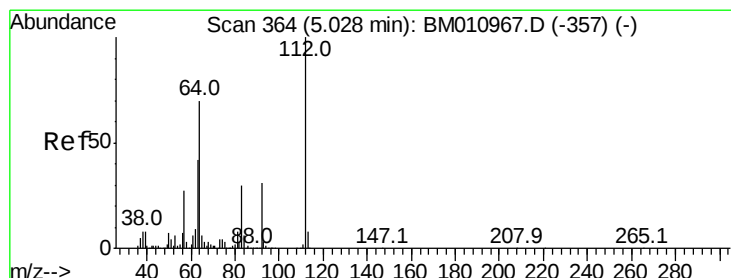
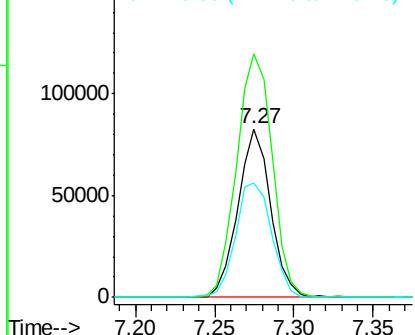
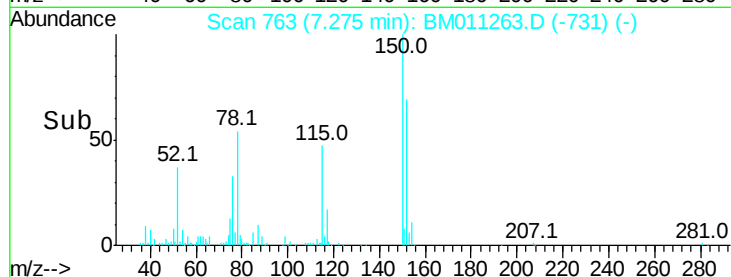
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011263.D
Acq: 16 Aug 2017 20:33

Instrument :
BNA_M
ClientSampleId :
TWP-32

Tot Ion:152 Resp: 118301
Ion Ratio Lower Upper
152 100
150 144.8 119.5 179.3
115 68.0 43.0 64.4#



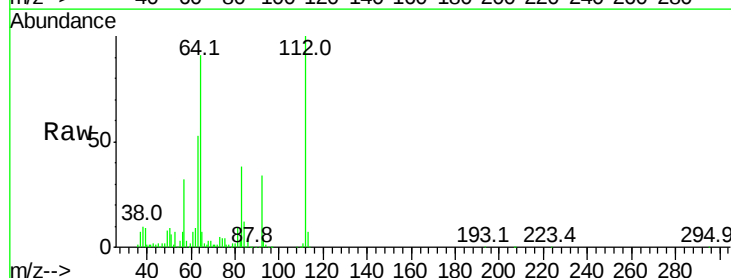
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



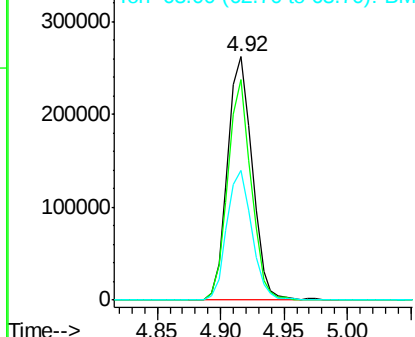
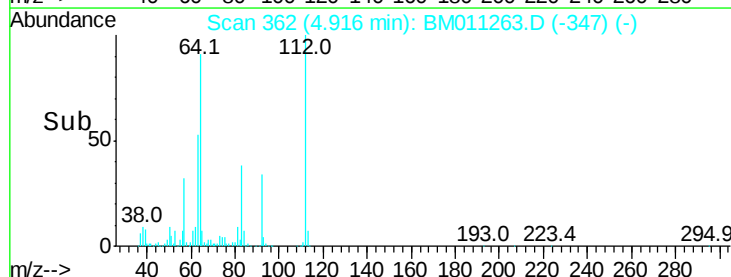
#5

2-Fluorophenol
Concen: 50.606 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011263.D
Acq: 16 Aug 2017 20:33

Tgt Ion:112 Resp: 354156
Ion Ratio Lower Upper
112 100
64 90.8 38.6 57.8#
63 53.4 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: 38.275 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011263.D

Acq: 16 Aug 2017 20:33

Instrument :

BNA_M

ClientSampleId :

TWP-32

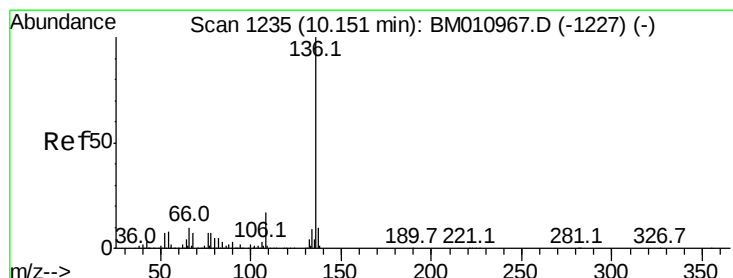
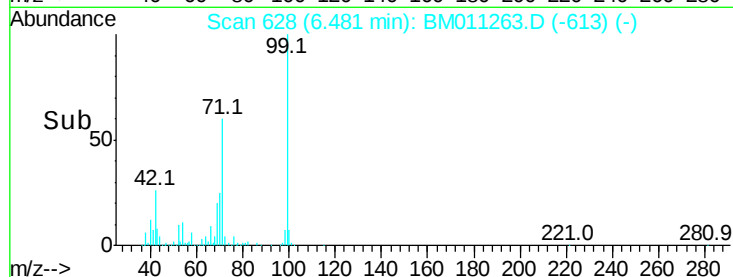
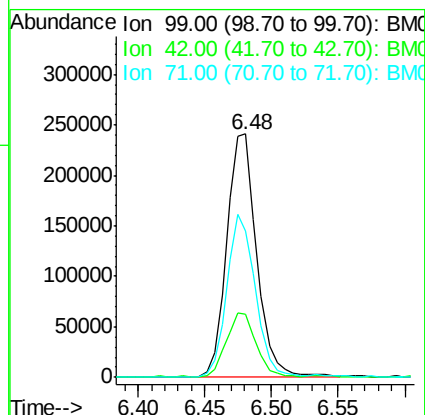
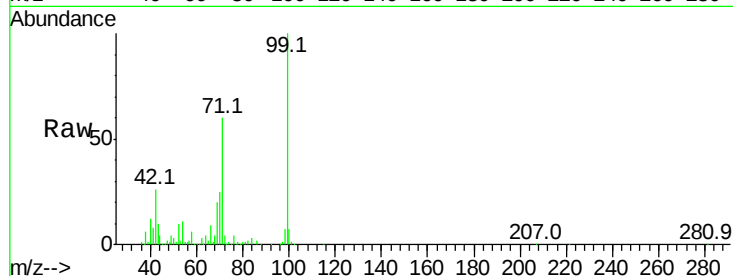
Tot Ion: 99 Resp: 380580

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 60.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BM011263.D

Acq: 16 Aug 2017 20:33

Tgt Ion: 136 Resp: 413667

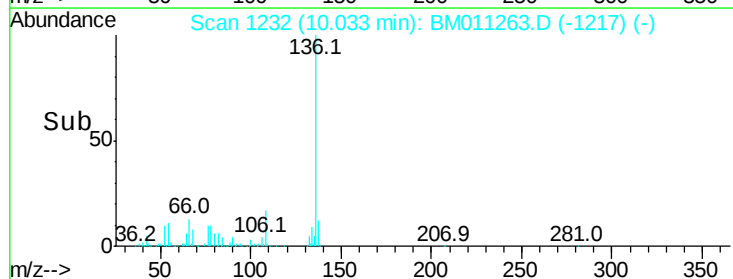
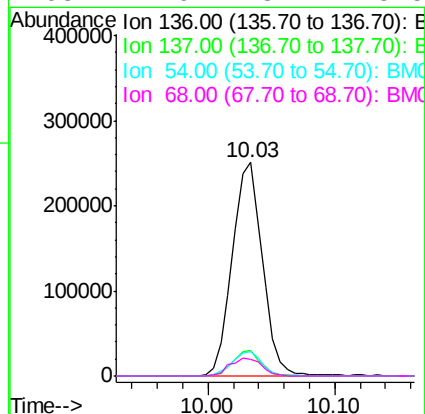
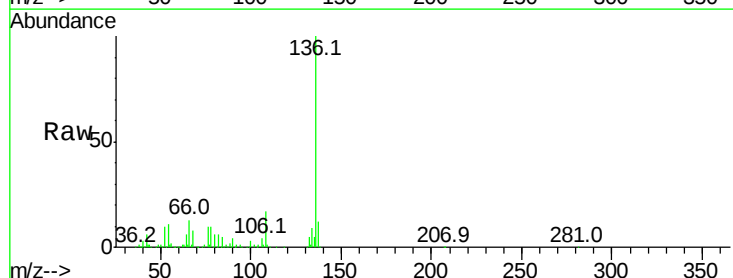
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 11.4 4.6 6.8#

68 7.9 3.7 5.5#

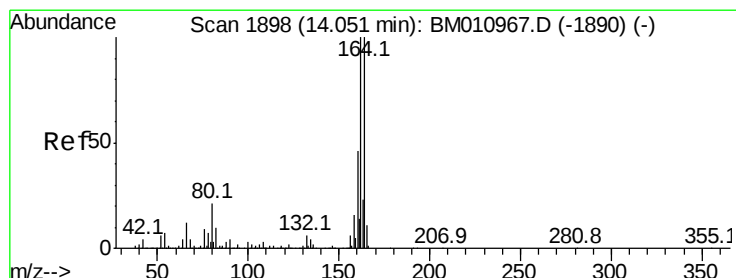
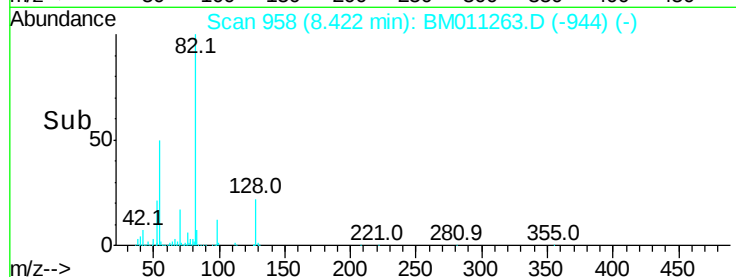
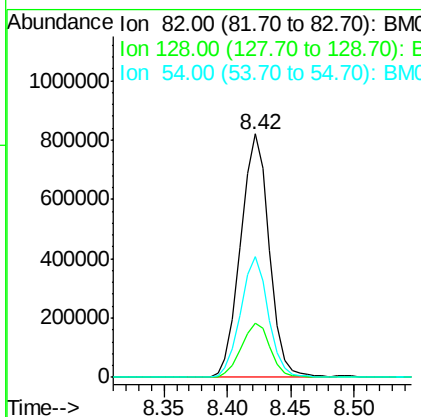
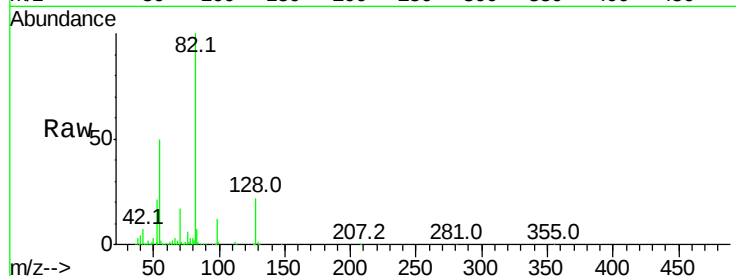




#23
 Nitrobenzene-d5
 Concen: 117.054 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011263.D
 Acq: 16 Aug 2017 20:33

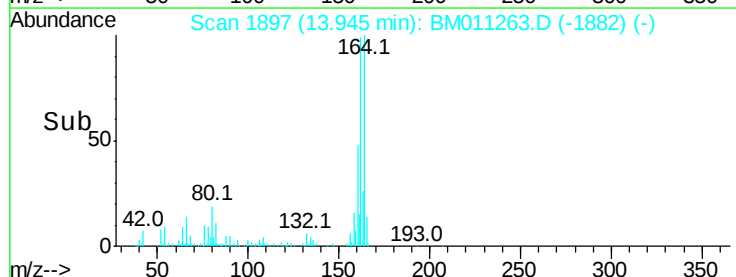
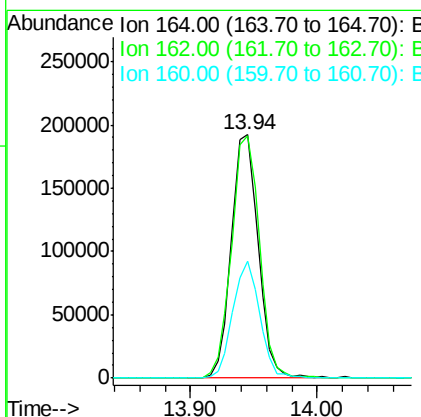
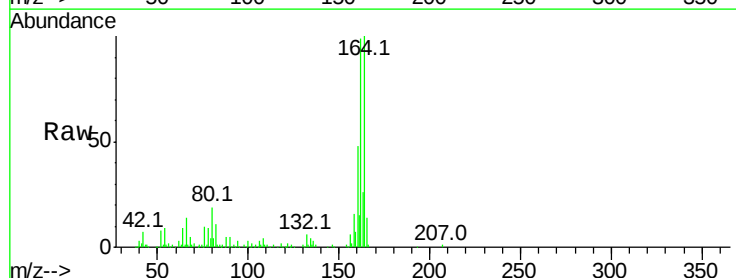
Instrument :
 BNA_M
 ClientSampleId :
 TWP-32

Tot Ion: 82 Resp: 1290148
 Ion Ratio Lower Upper
 82 100
 128 22.0 32.8 49.2#
 54 49.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BM011263.D
 Acq: 16 Aug 2017 20:33

Tgt Ion:164 Resp: 281533
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.4 123.6
 160 48.0 35.8 53.6

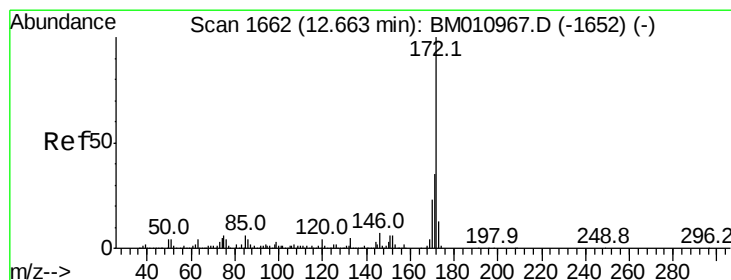
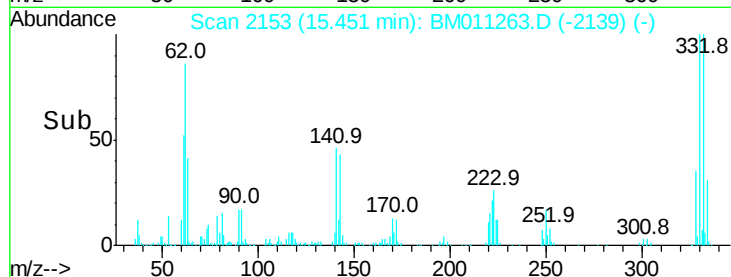
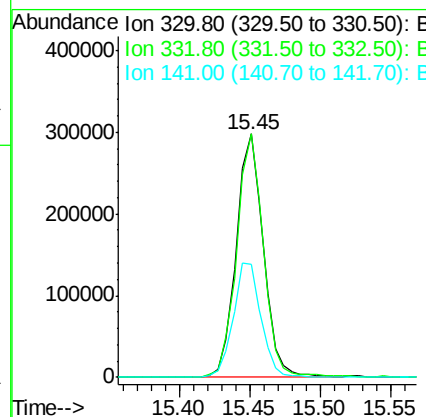
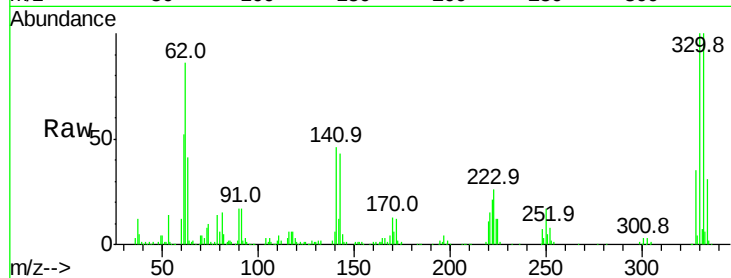




#41
 2,4,6-Tribromophenol
 Concen: 88.764 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011263.D
 Acq: 16 Aug 2017 20:33

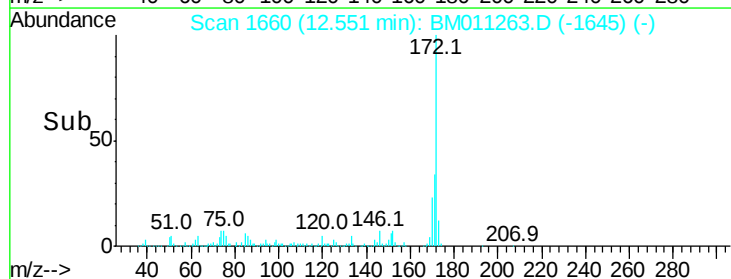
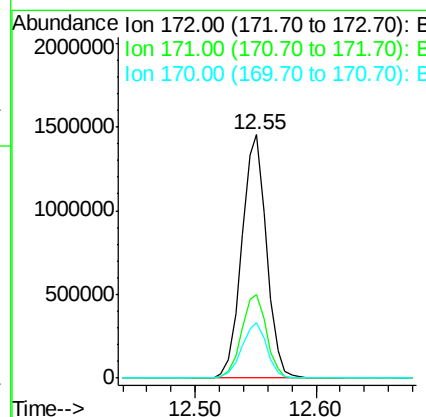
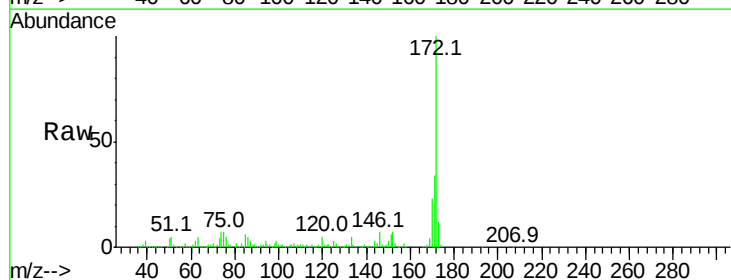
Instrument :
 BNA_M
 ClientSampleId :
 TWP-32

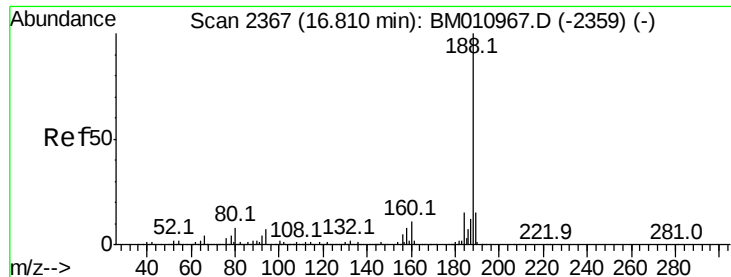
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	48.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.341 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011263.D
 Acq: 16 Aug 2017 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.9	18.8	28.2

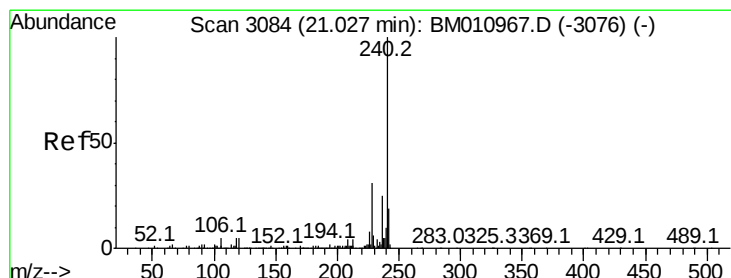
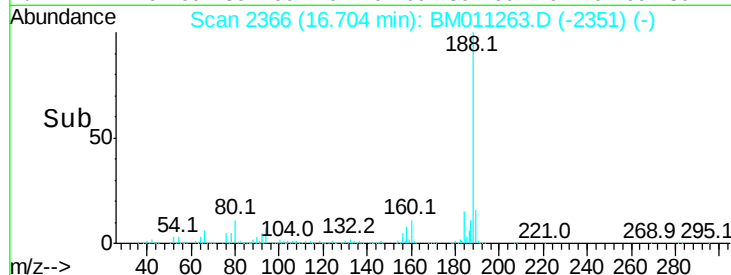
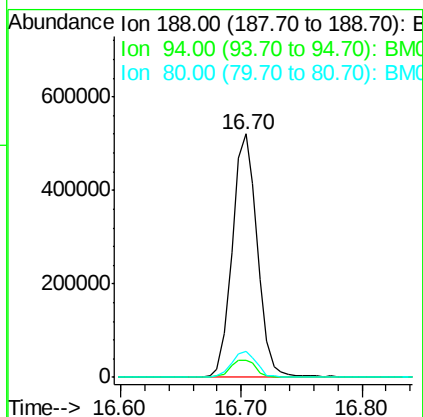
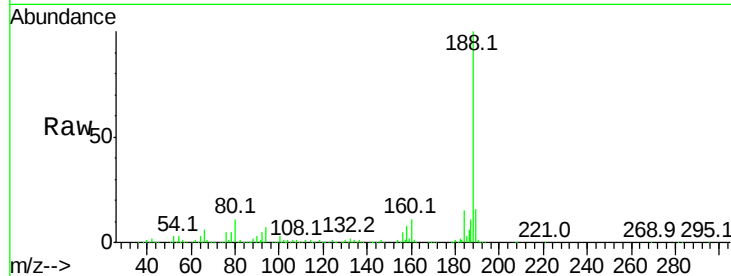




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011263.D
Acq: 16 Aug 2017 20:33

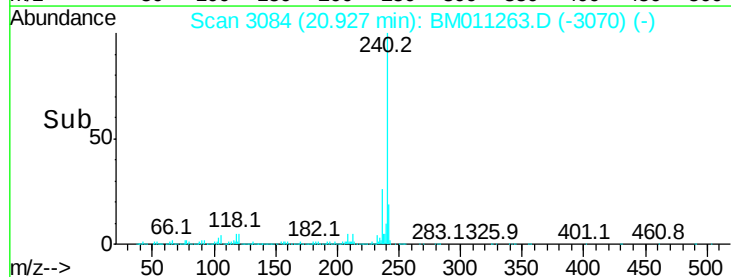
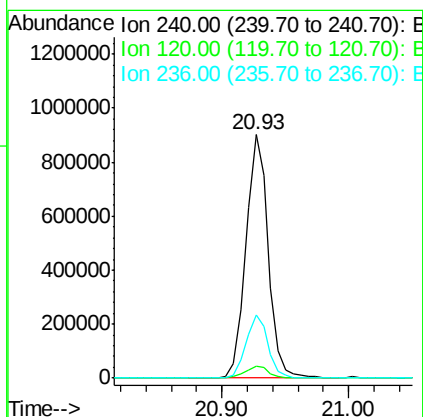
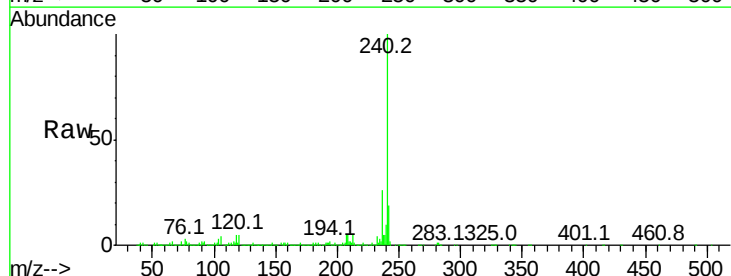
Instrument :
BNA_M
ClientSampleId :
TWP-32

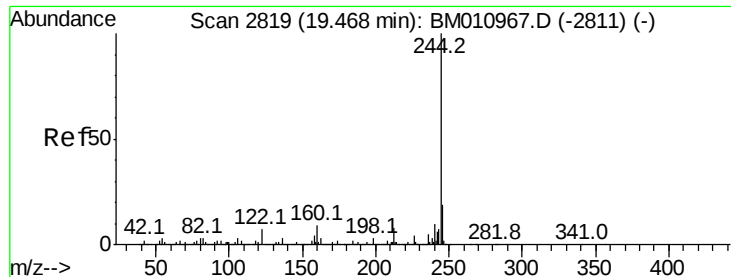
Tot Ion:188 Resp: 752419
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011263.D
Acq: 16 Aug 2017 20:33

Tgt Ion:240 Resp: 1096759
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 68.395 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011263.D

Acq: 16 Aug 2017 20:33

Instrument :

BNA_M

ClientSampleId :

TWP-32

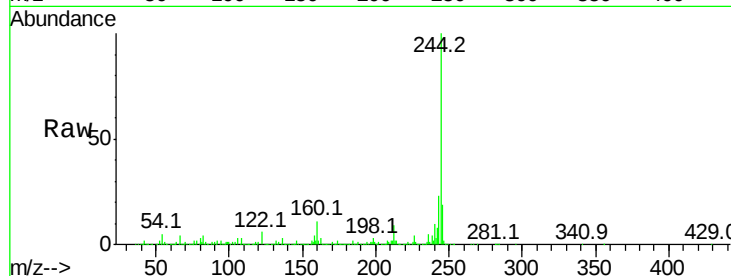
Tot Ion:244 Resp: 3786847

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

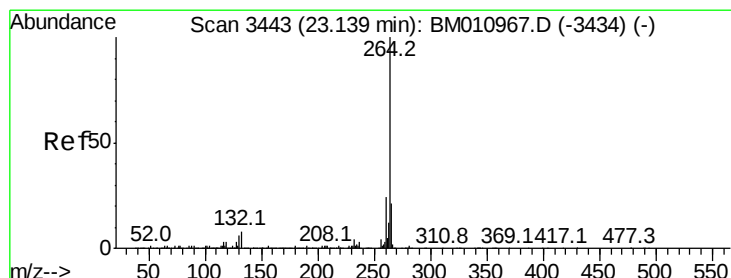
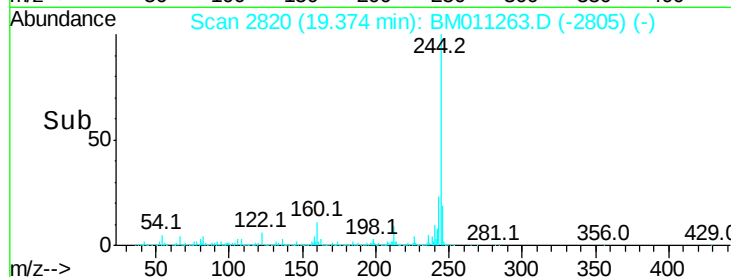
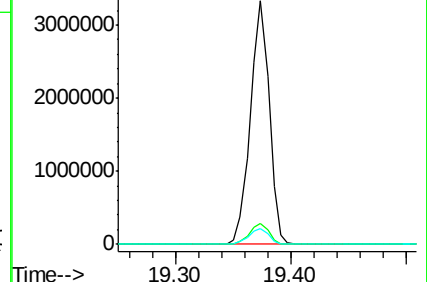
122 6.3 6.2 9.4



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: BM011263.D

Acq: 16 Aug 2017 20:33

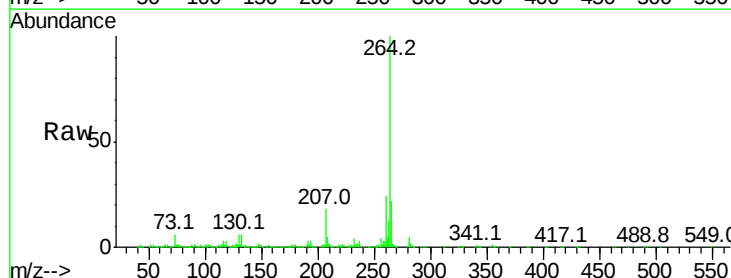
Tgt Ion:264 Resp: 1029632

Ion Ratio Lower Upper

264 100

260 24.2 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

