

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011136.D
 Acq On : 05 Aug 2017 02:26
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 05 03:23:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	133085	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	443523	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	388107	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1021278	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1271238	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1335940	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	692385	87.95	ng	-0.07
7) Phenol-d6	6.52	99	833925	74.55	ng	-0.07
23) Nitrobenzene-d5	8.46	82	623506	52.76	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	573399	92.18	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1512011	48.86	ng	-0.07
78) Terphenyl-d14	19.41	244	3610849	56.27	ng	-0.06

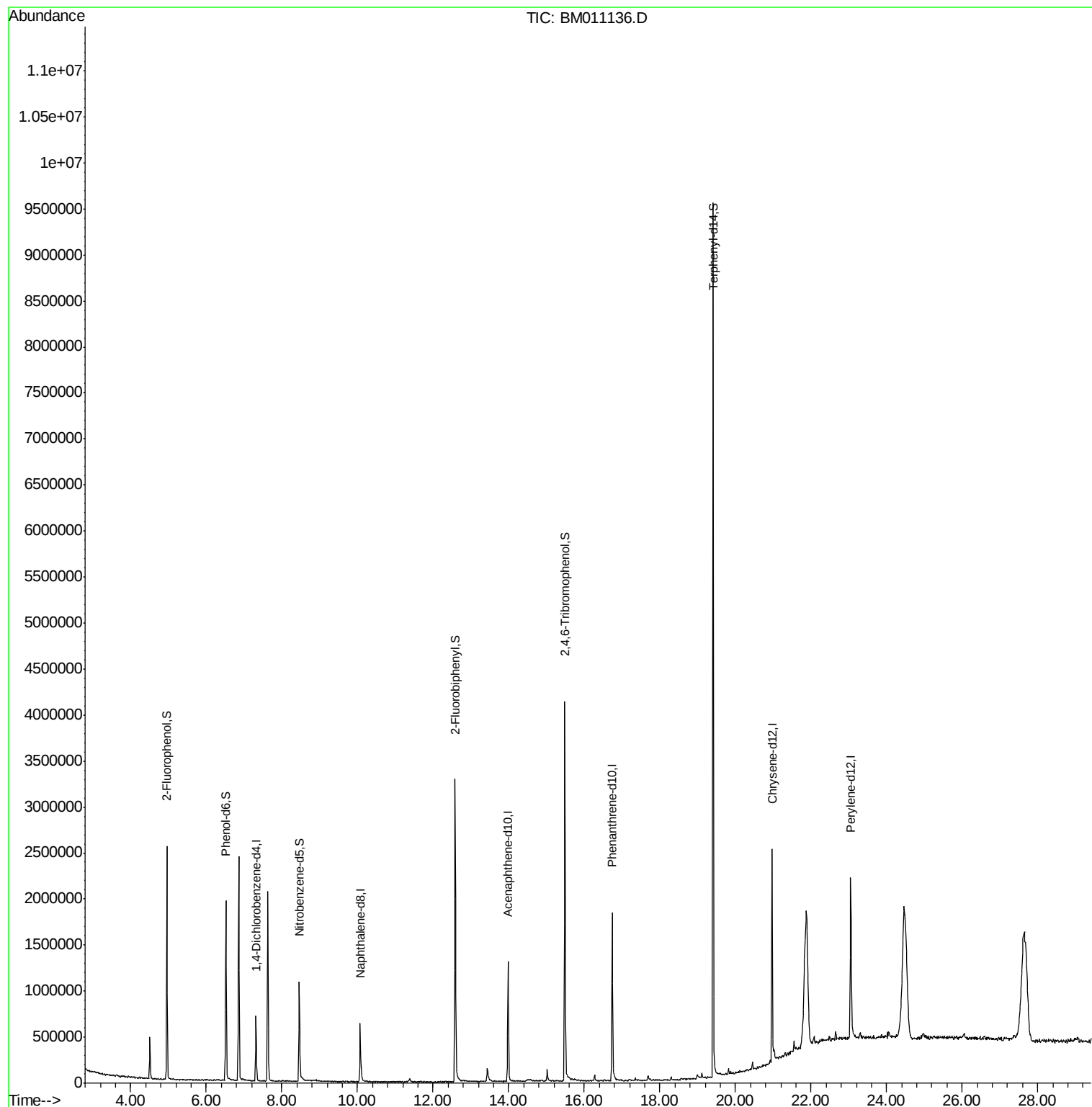
Target Compounds Qvalue

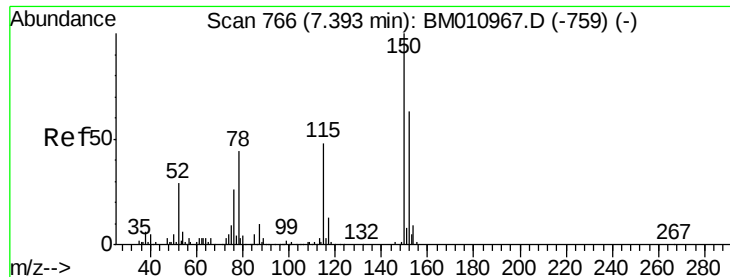
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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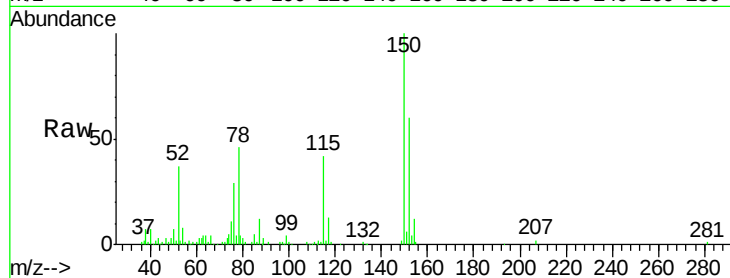


#1

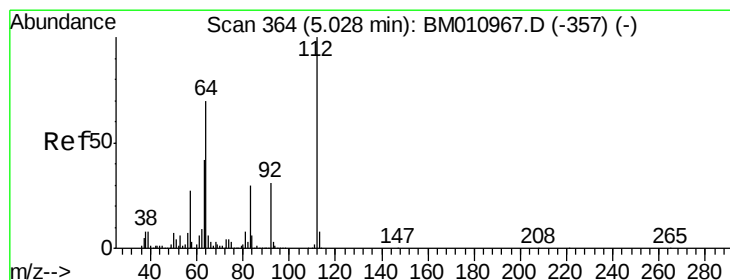
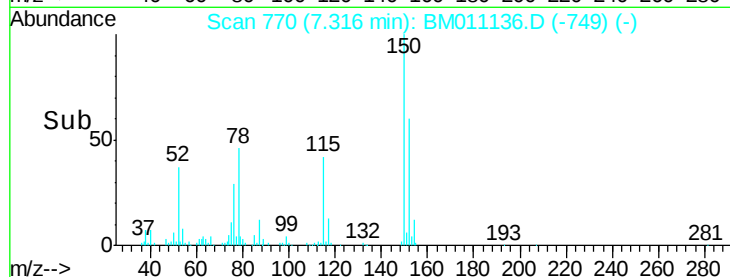
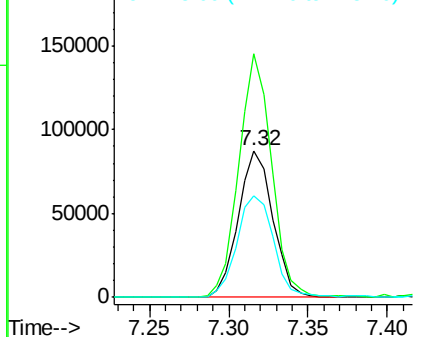
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.9	119.5	179.3
115	68.9	43.0	64.4



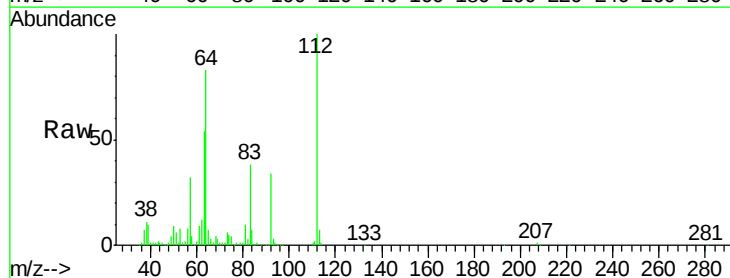
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



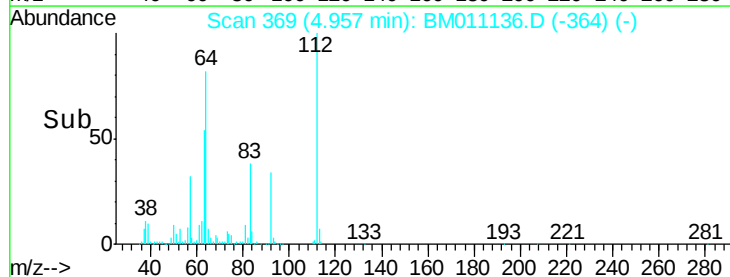
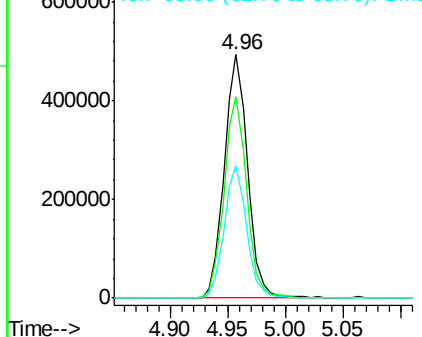
#5

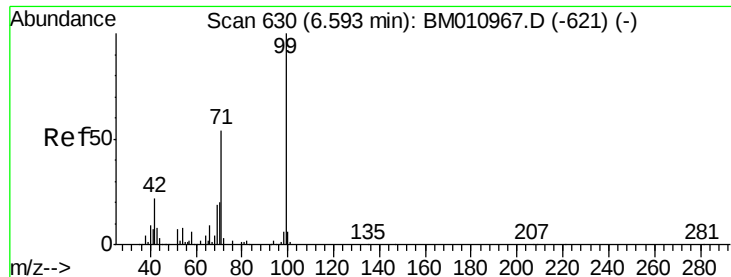
2-Fluorophenol
Concen: 87.95 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.5	38.6	57.8
63	54.1	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: 74.55 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Instrument :

BNA_M

ClientSampleId :

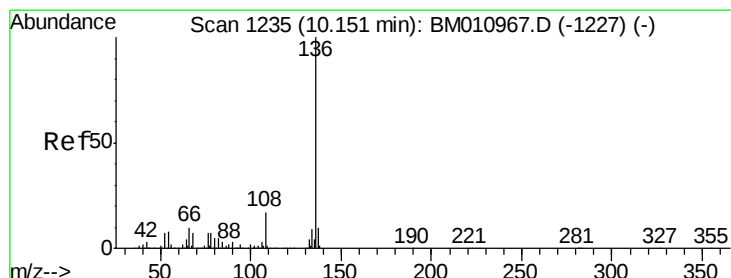
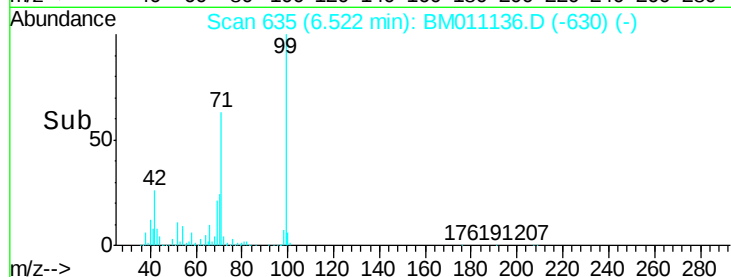
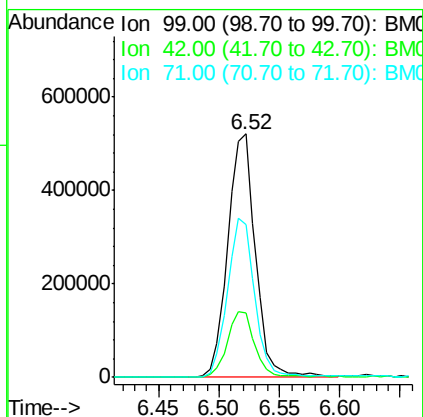
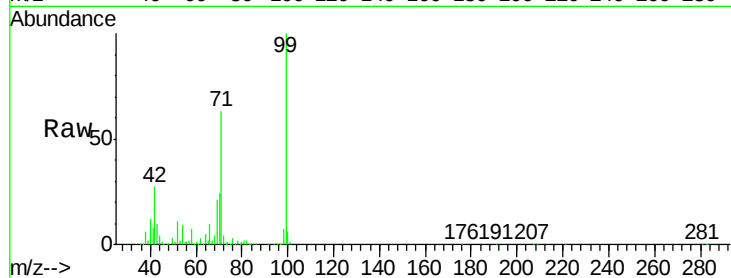
Tot Ion: 99 Resp: 833925

Ion Ratio Lower Upper

99 100

42 26.5 11.0 16.4#

71 62.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Tgt Ion: 136 Resp: 443523

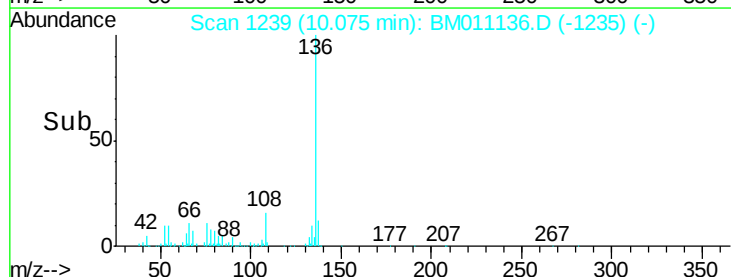
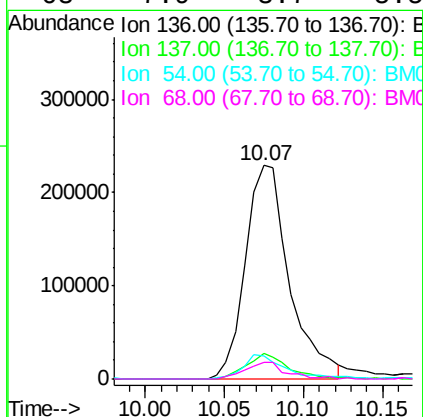
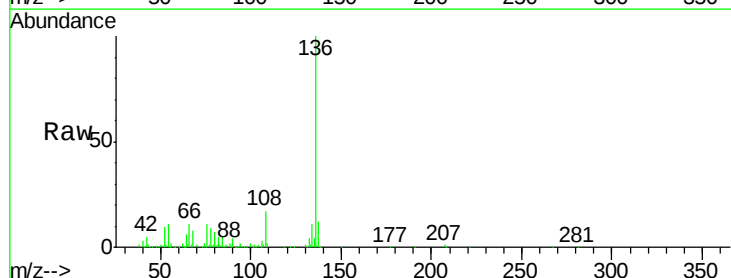
Ion Ratio Lower Upper

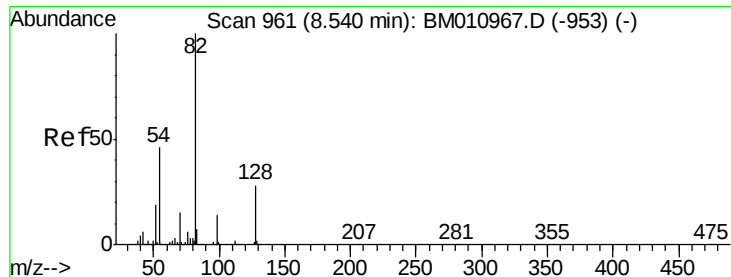
136 100

137 11.9 8.7 13.1

54 10.7 4.6 6.8#

68 7.9 3.7 5.5#

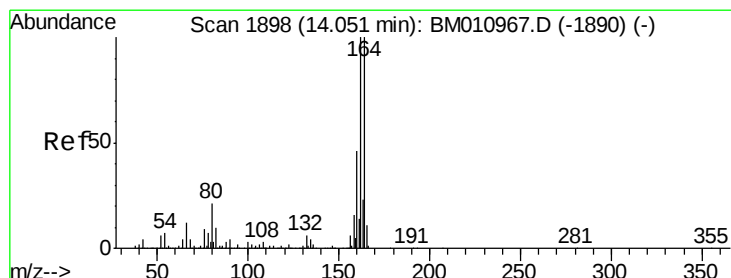
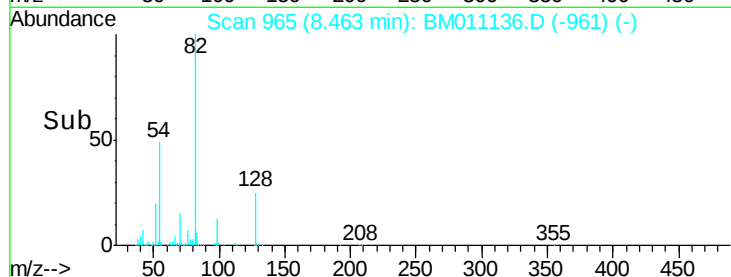
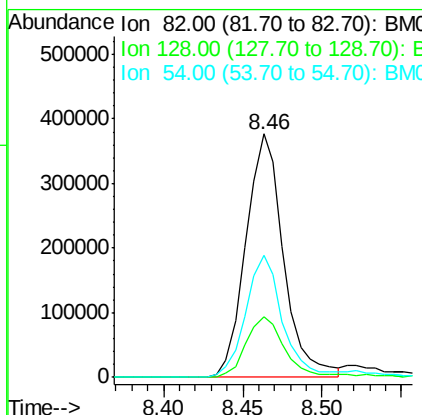
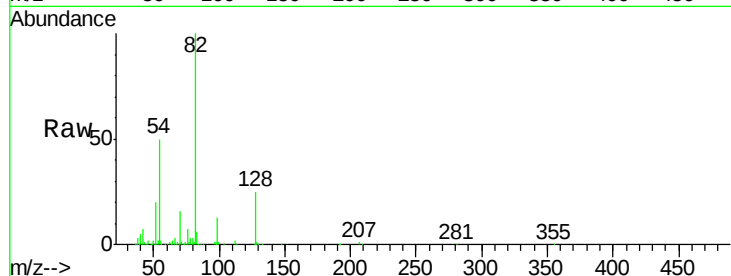




#23
 Nitrobenzene-d5
 Concen: 52.76 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

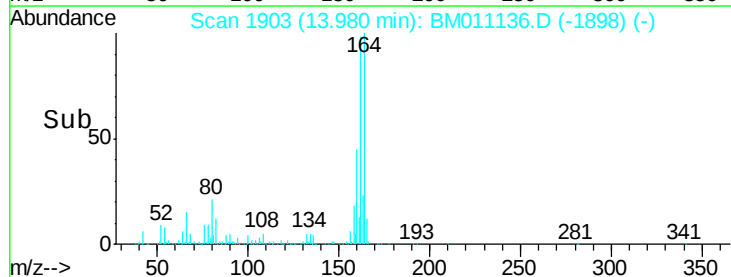
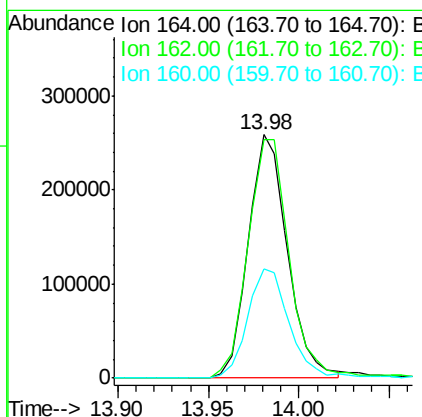
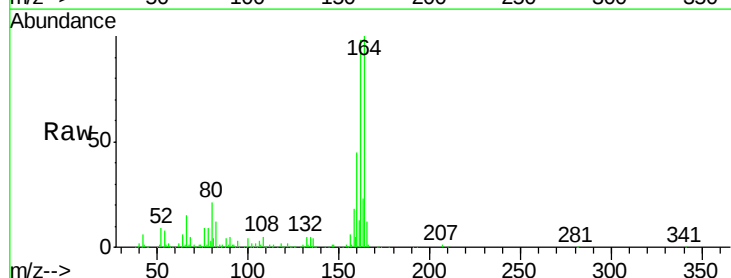
Instrument :
 BNA_M
 ClientSampleID :

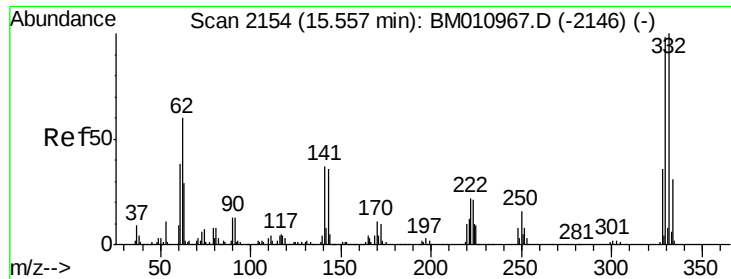
Tot Ion	82	Resp	623506
Ion Ratio	Lower	Upper	
82	100		
128	24.8	32.8	49.2#
54	49.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Tgt Ion	164	Resp	388107
Ion Ratio	Lower	Upper	
164	100		
162	97.8	82.4	123.6
160	44.9	35.8	53.6

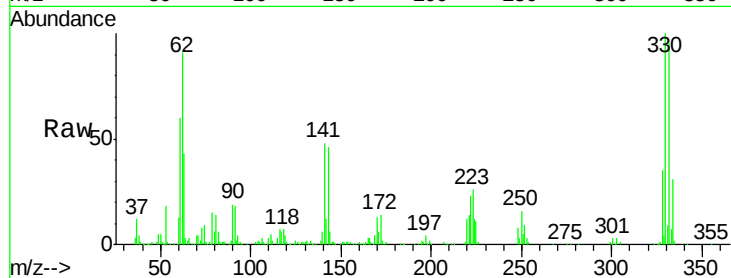




#41
 2,4,6-Tribromophenol
 Concen: 92.18 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	46.4	0.0	0.0#

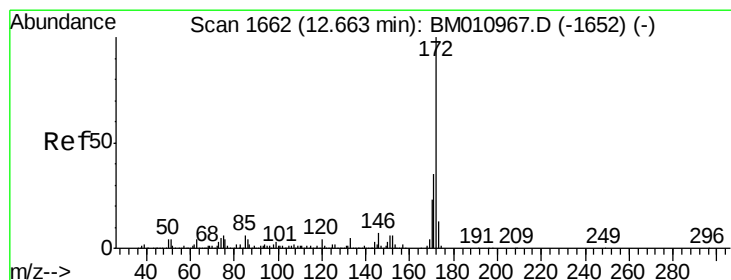
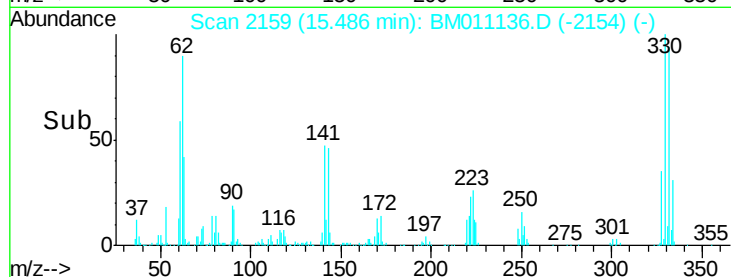
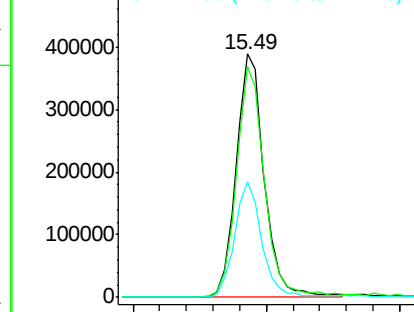


Abundance

Ion 329.80 (329.50 to 330.50): E

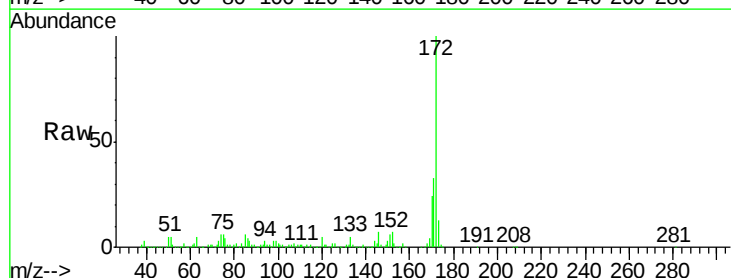
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 48.86 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.5	42.7
170	23.8	18.8	28.2

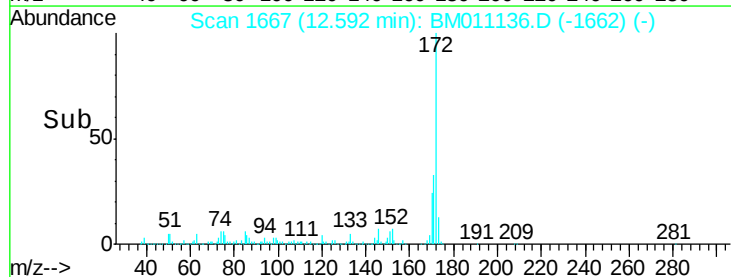
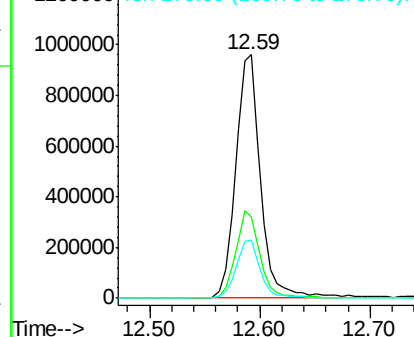


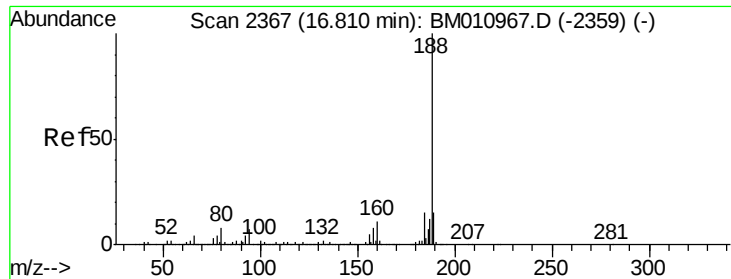
Abundance

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

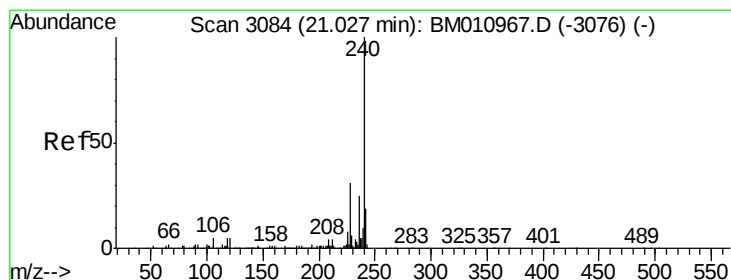
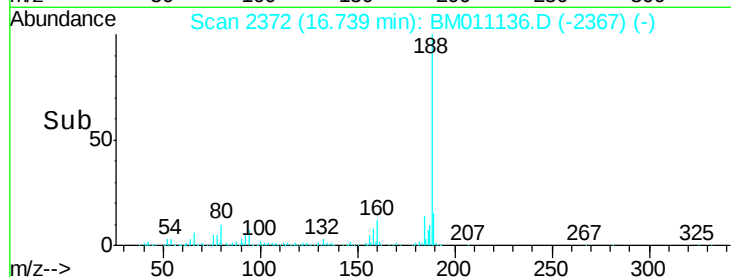
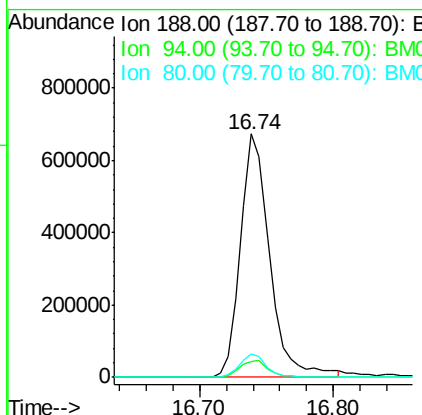
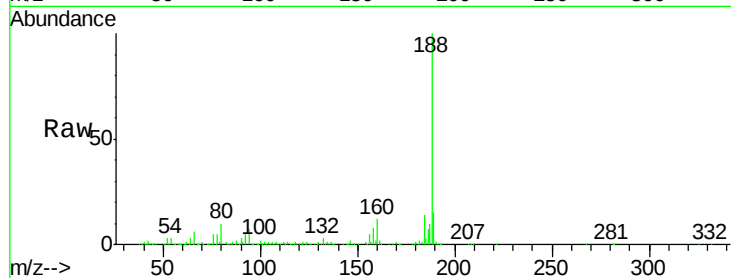




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

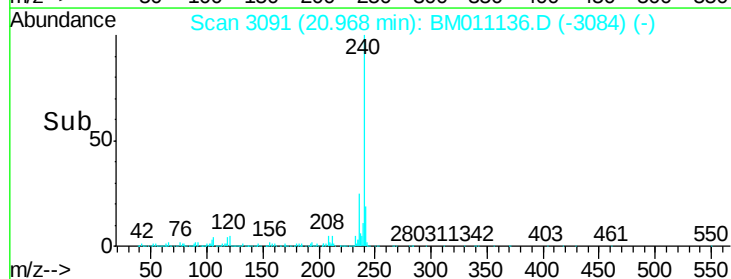
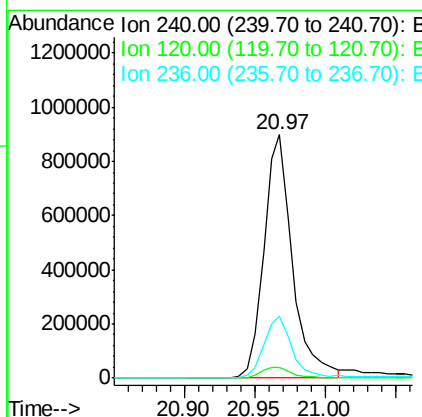
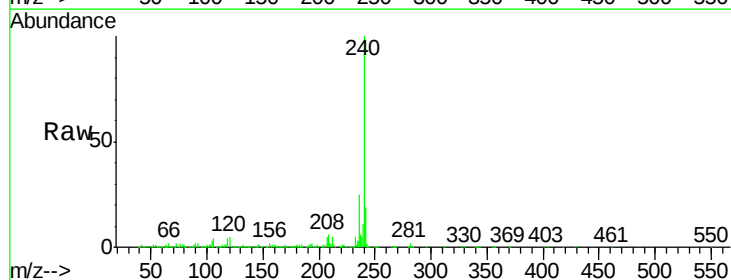
Instrument :
BNA_M
ClientSampleId :

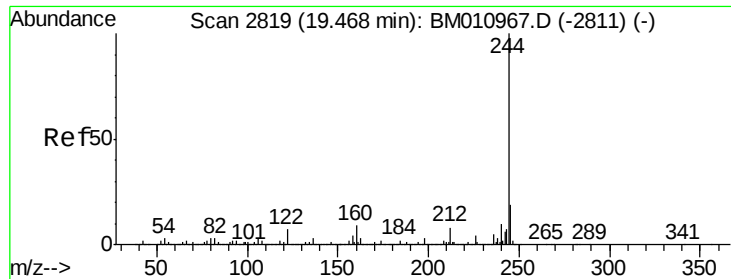
Tot Ion:188 Resp: 1021278
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

Tgt Ion:240 Resp: 1271238
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 56.27 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Instrument :

BNA_M

ClientSampleId :

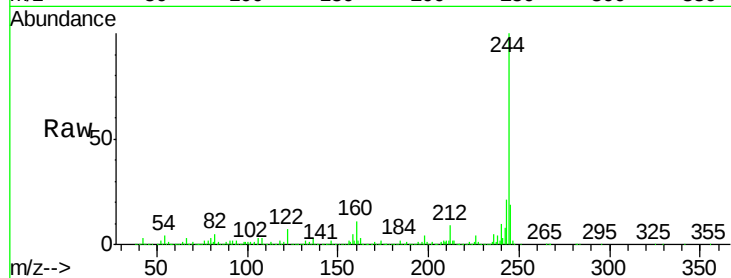
Tot Ion:244 Resp: 3610849

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

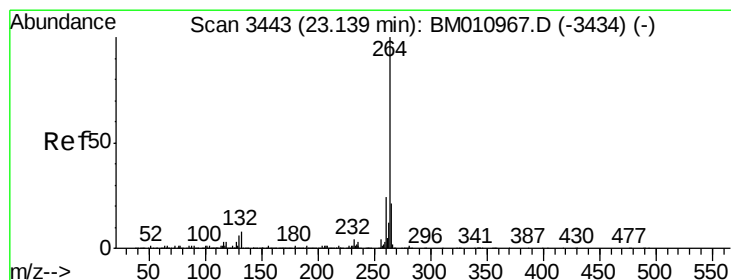
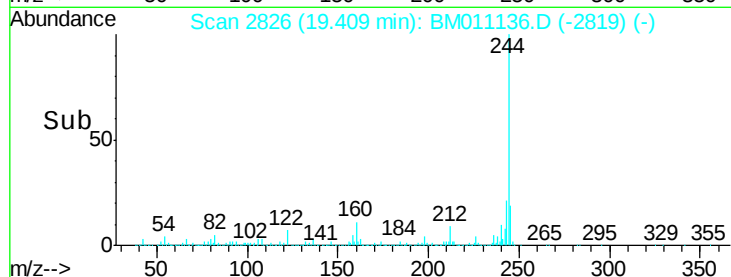
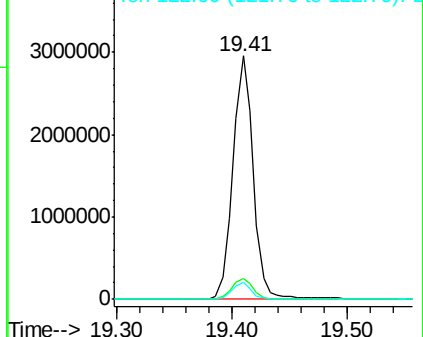
122 6.9 6.2 9.4



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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

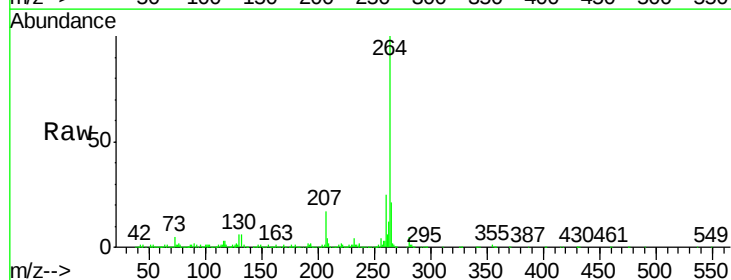
Tgt Ion:264 Resp: 1335940

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 20.5 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

