

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011156.D
 Acq On : 07 Aug 2017 17:29
 Operator : SJ/JU
 Sample : PB101261TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

Quant Time: Aug 08 01:01:44 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	7.31	152	138946	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	522823	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	374934	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	893693	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	941495	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1110233	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1336971	162.66	ng	-0.07
7) Phenol-d6	6.52	99	1797988	153.96	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1504574	108.01	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	873207	145.31	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2785321	93.17	ng	-0.08
78) Terphenyl-d14	19.41	244	5093489	107.17	ng	-0.06

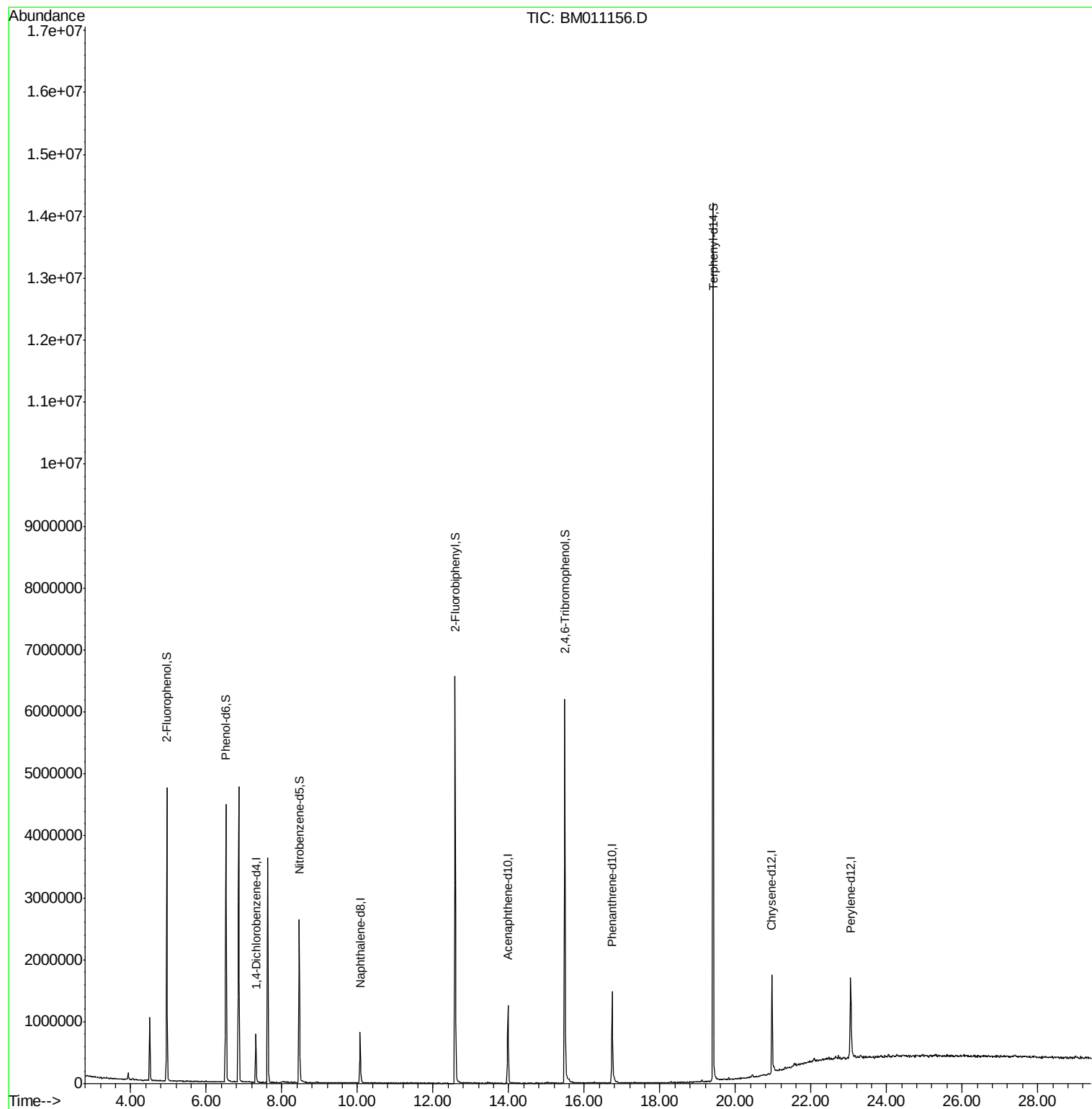
Target Compounds	Qvalue
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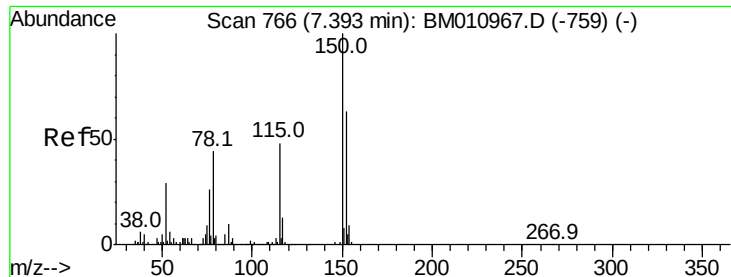
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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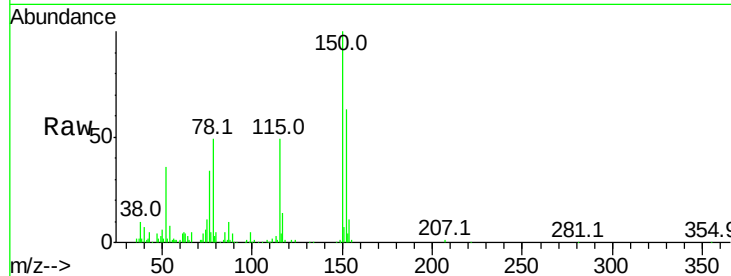


#1

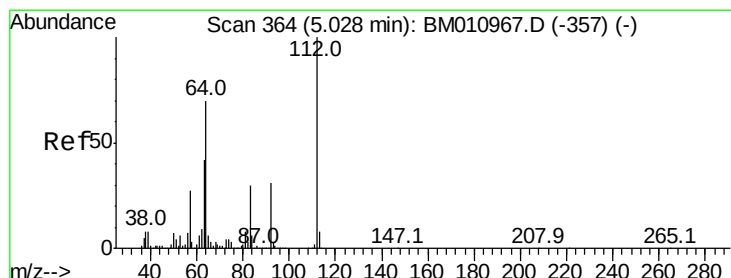
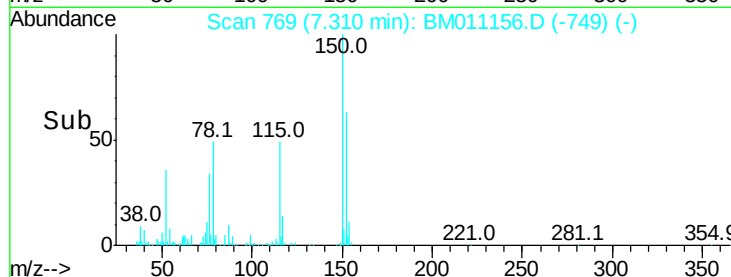
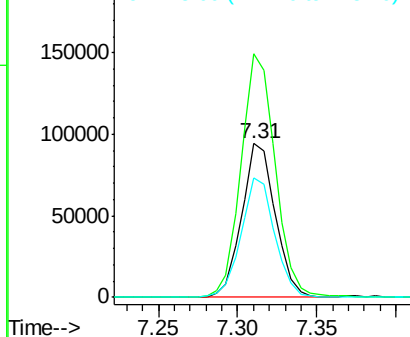
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Instrument :
BNA_M
ClientSampleId :
PB101261TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.5	179.3
115	77.8	43.0	64.4



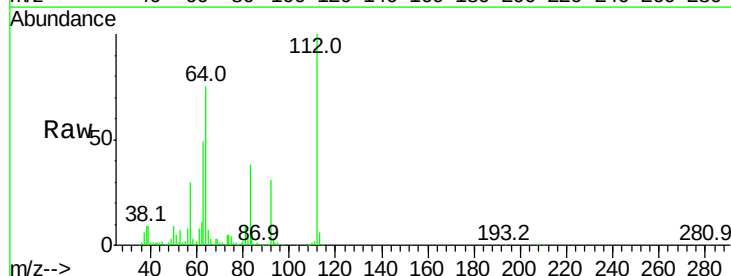
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



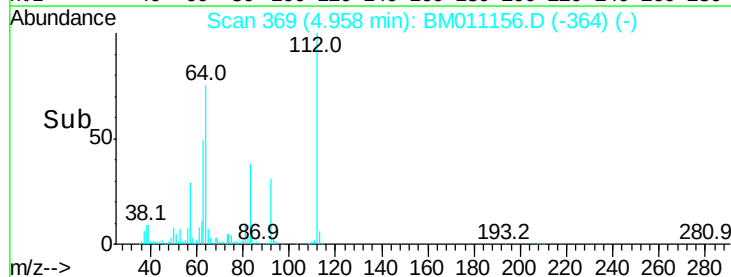
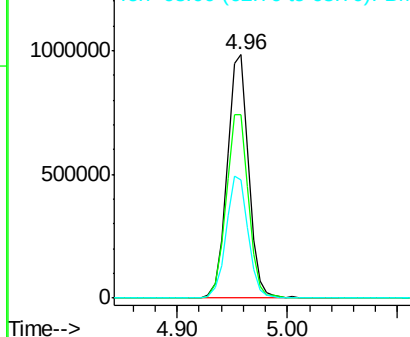
#5

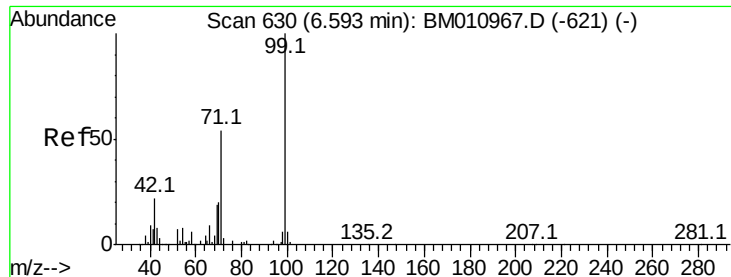
2-Fluorophenol
Concen: 162.658 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	38.6	57.8
63	48.7	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: 153.958 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Instrument :

BNA_M

ClientSampleId :

PB101261TB

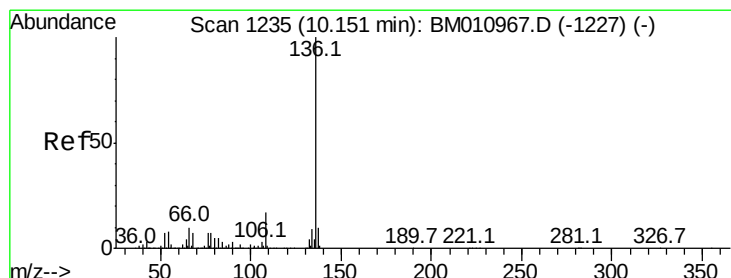
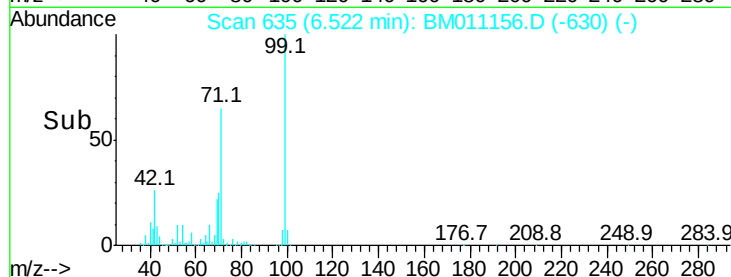
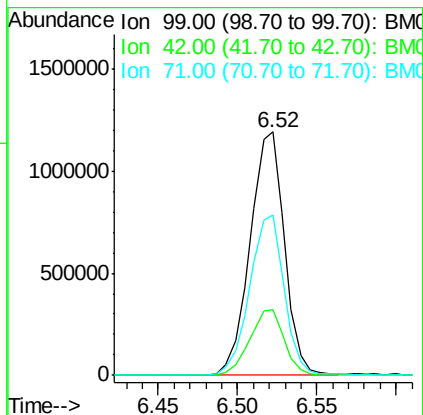
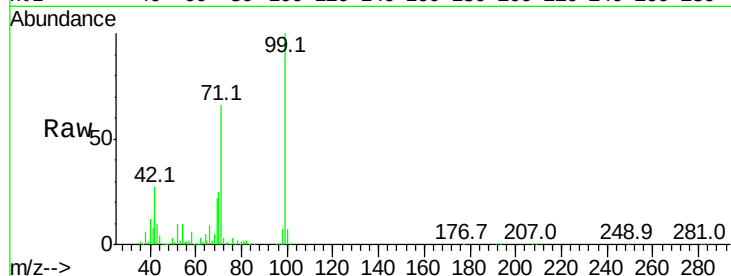
Tot Ion: 99 Resp: 1797988

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

71 65.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Tgt Ion: 136 Resp: 522823

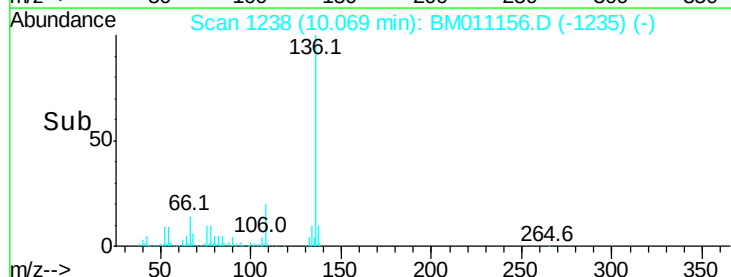
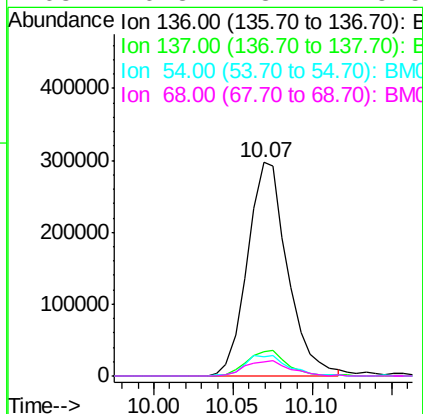
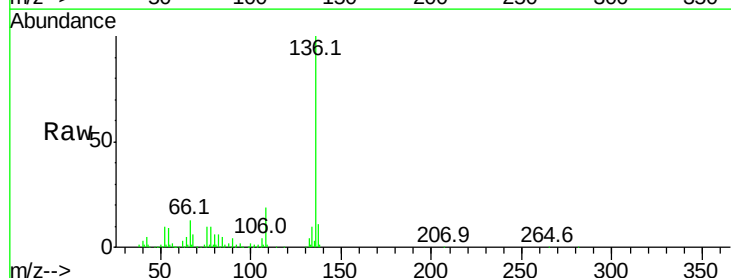
Ion Ratio Lower Upper

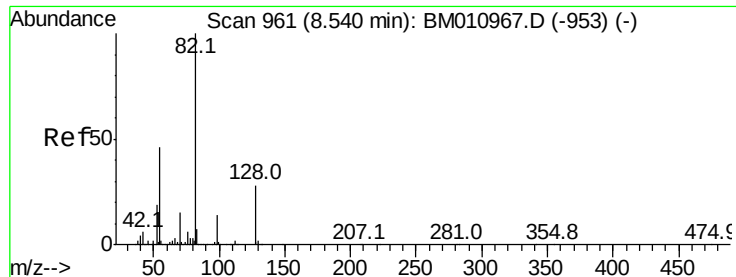
136 100

137 11.3 8.7 13.1

54 9.2 4.6 6.8#

68 6.3 3.7 5.5#



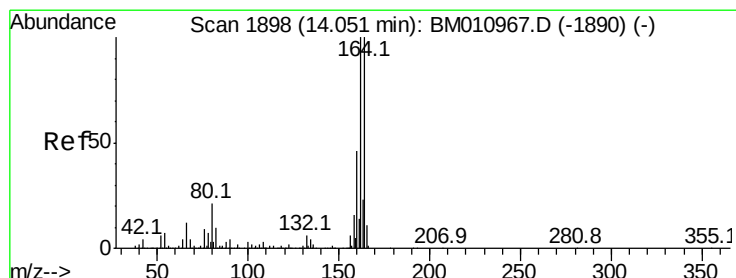
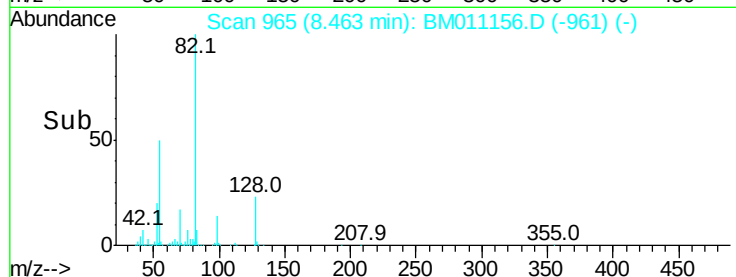
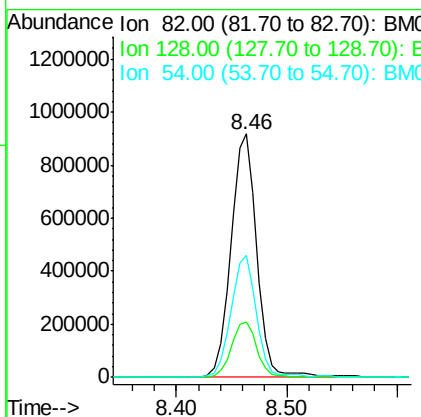
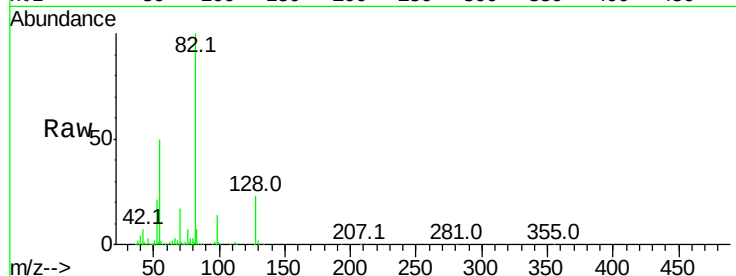


#23
 Nitrobenzene-d5
 Concen: 108.008 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

Tot Ion: 82 Resp: 1504574

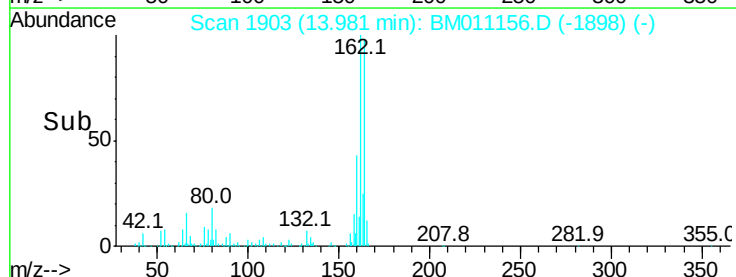
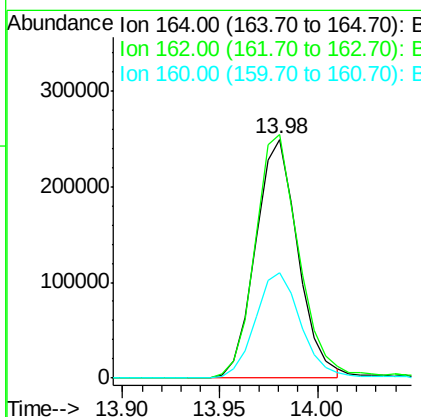
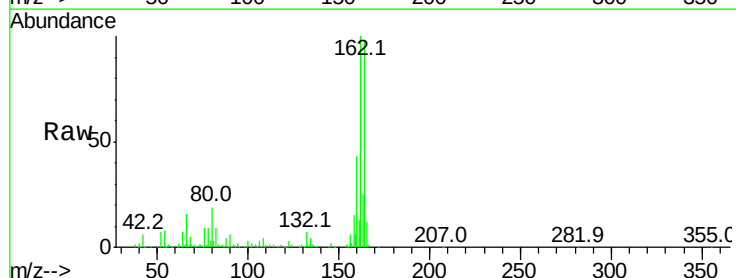
Ion	Ratio	Lower	Upper
82	100		
128	22.8	32.8	49.2#
54	50.3	40.6	60.8

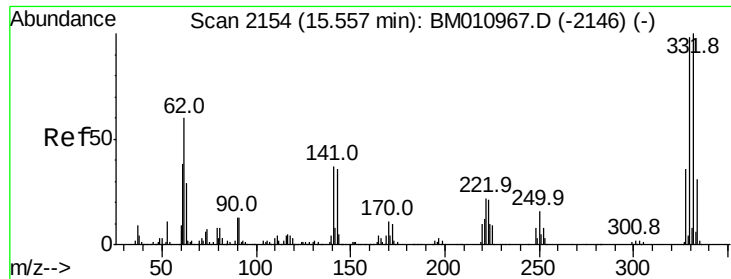


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Tgt Ion: 164 Resp: 374934

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	44.2	35.8	53.6

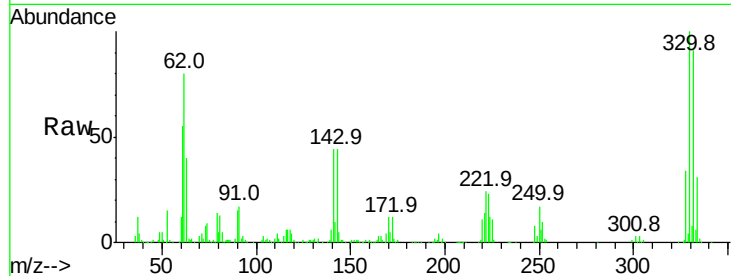




#41
 2,4,6-Tribromophenol
 Concen: 145.307 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	46.6	0.0	0.0#

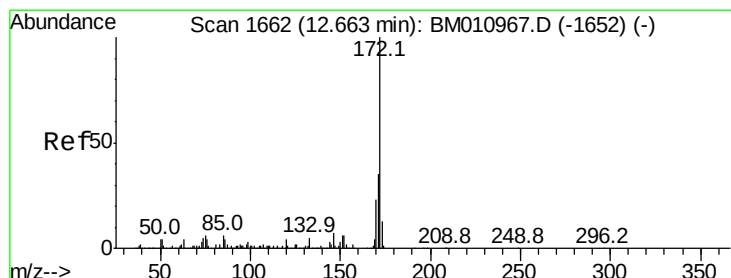
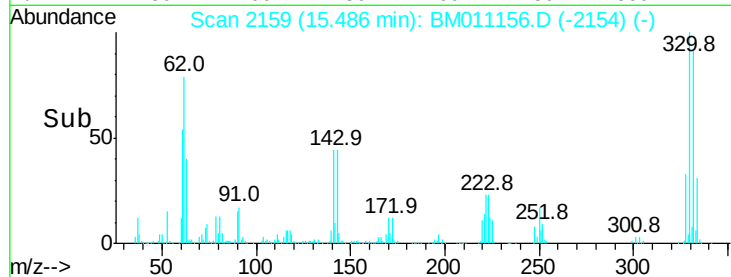
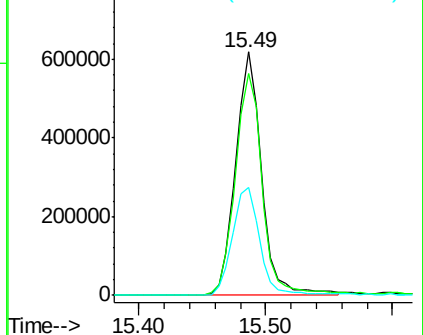


Abundance

Ion 329.80 (329.50 to 330.50): E

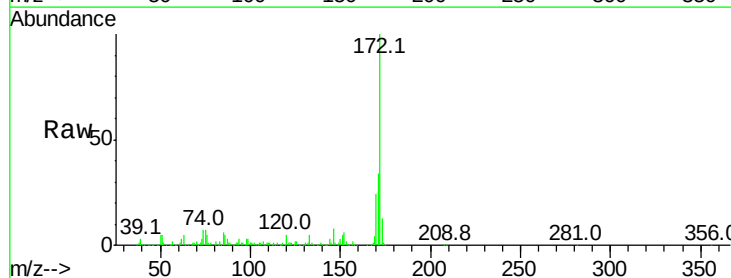
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.168 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.5	18.8	28.2

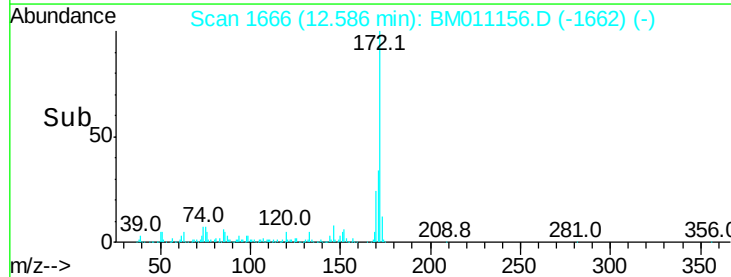
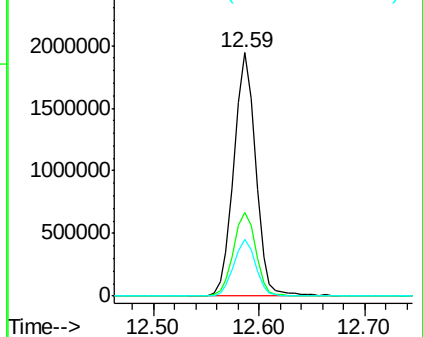


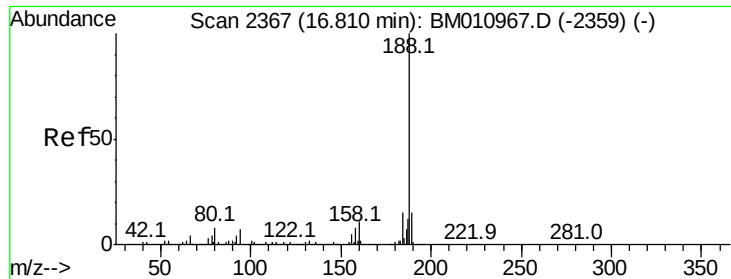
Abundance

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

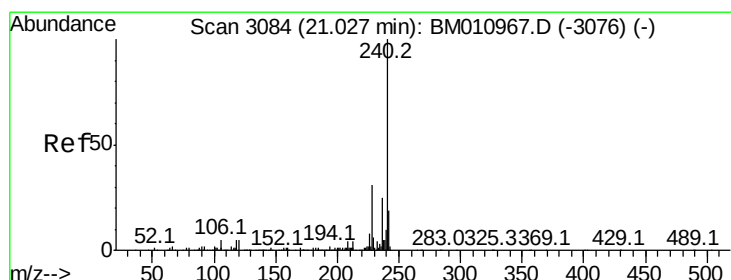
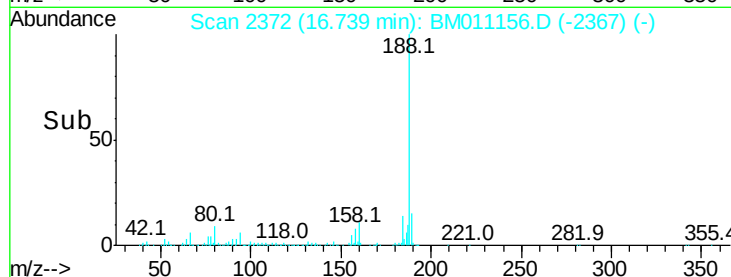
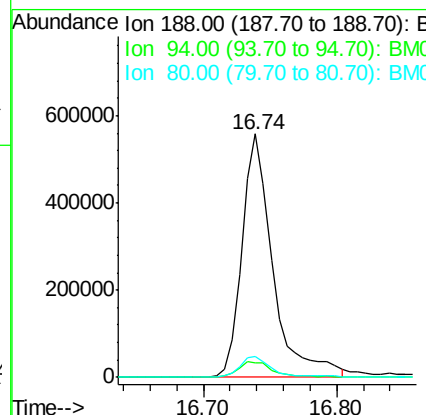
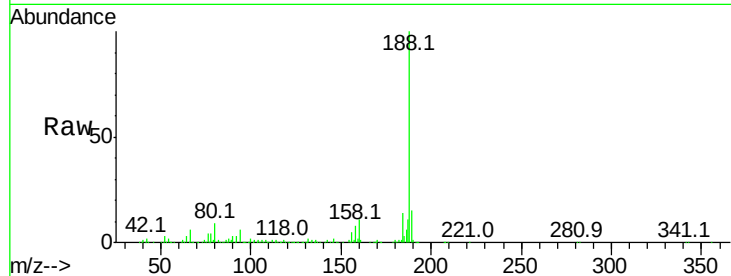




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

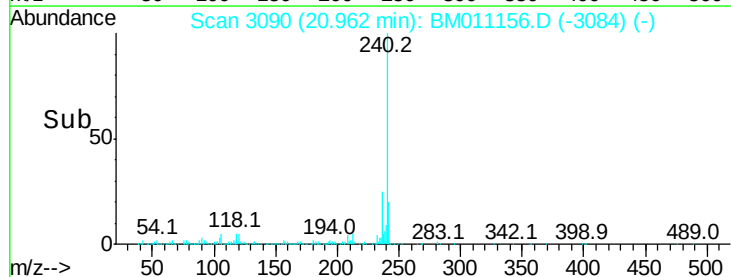
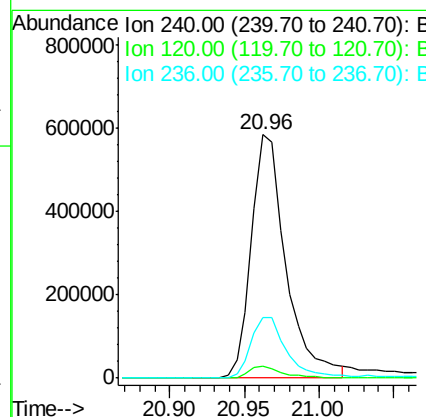
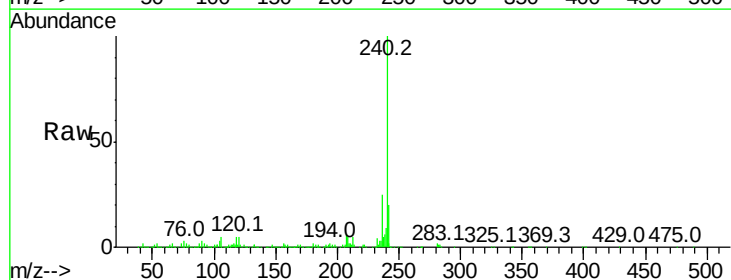
Instrument :
BNA_M
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PB101261TB

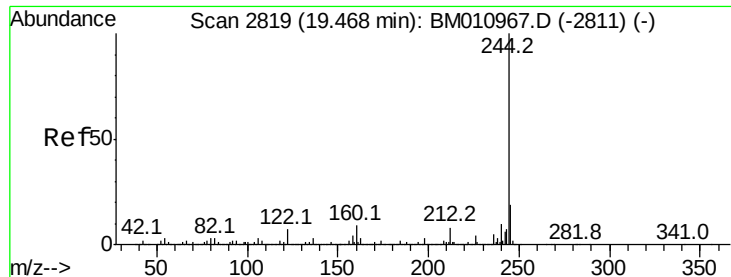
Tot Ion:188 Resp: 893693
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Tgt Ion:240 Resp: 941495
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 107.165 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Instrument :

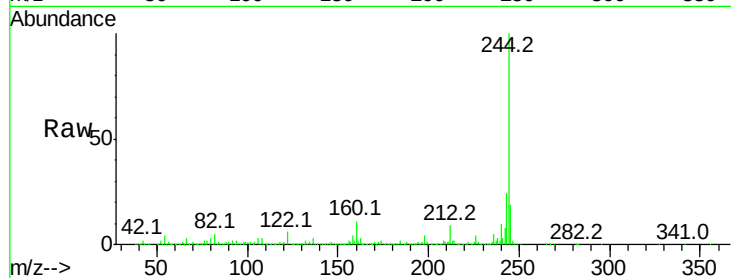
BNA_M

ClientSampleId :

PB101261TB

Tot Ion:244 Resp: 5093489

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	5.9	6.2	9.4#

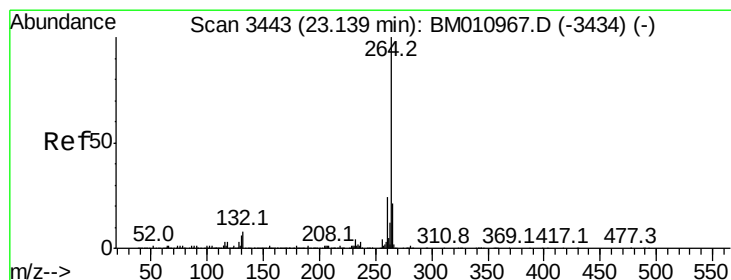
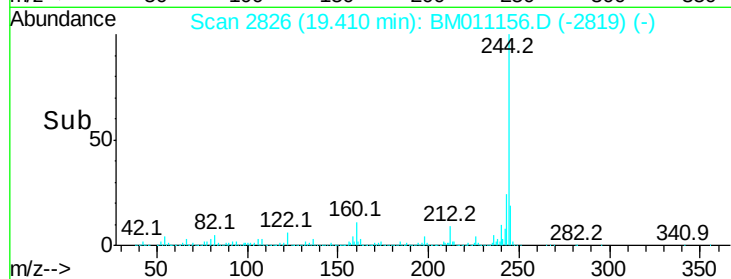
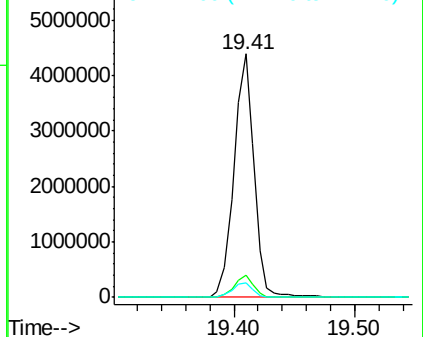


Abundance

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: 20.000 ng

RT: 23.05 min Scan# 3445

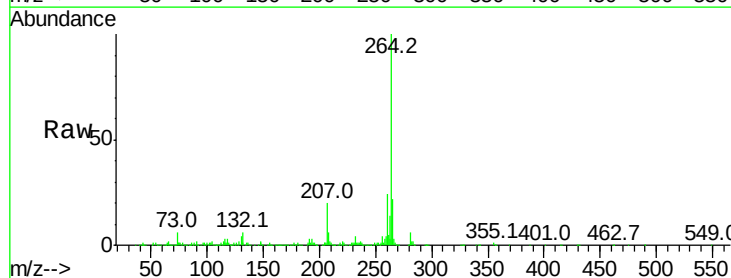
Delta R.T. -0.09 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Tgt Ion:264 Resp: 1110233

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.7	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

