

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011147.D
 Acq On : 05 Aug 2017 18:07
 Operator : SJ/JU
 Sample : I4585-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Quant Time: Aug 06 01:53:46 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	136685	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	461255	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	339944	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	921076	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1269740	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1383916	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1002615	124.00	ng	-0.07
7) Phenol-d6	6.52	99	1279830	111.40	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1196158	97.33	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	761310	139.73	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2271824	83.81	ng	-0.08
78) Terphenyl-d14	19.41	244	5219212	81.42	ng	-0.06

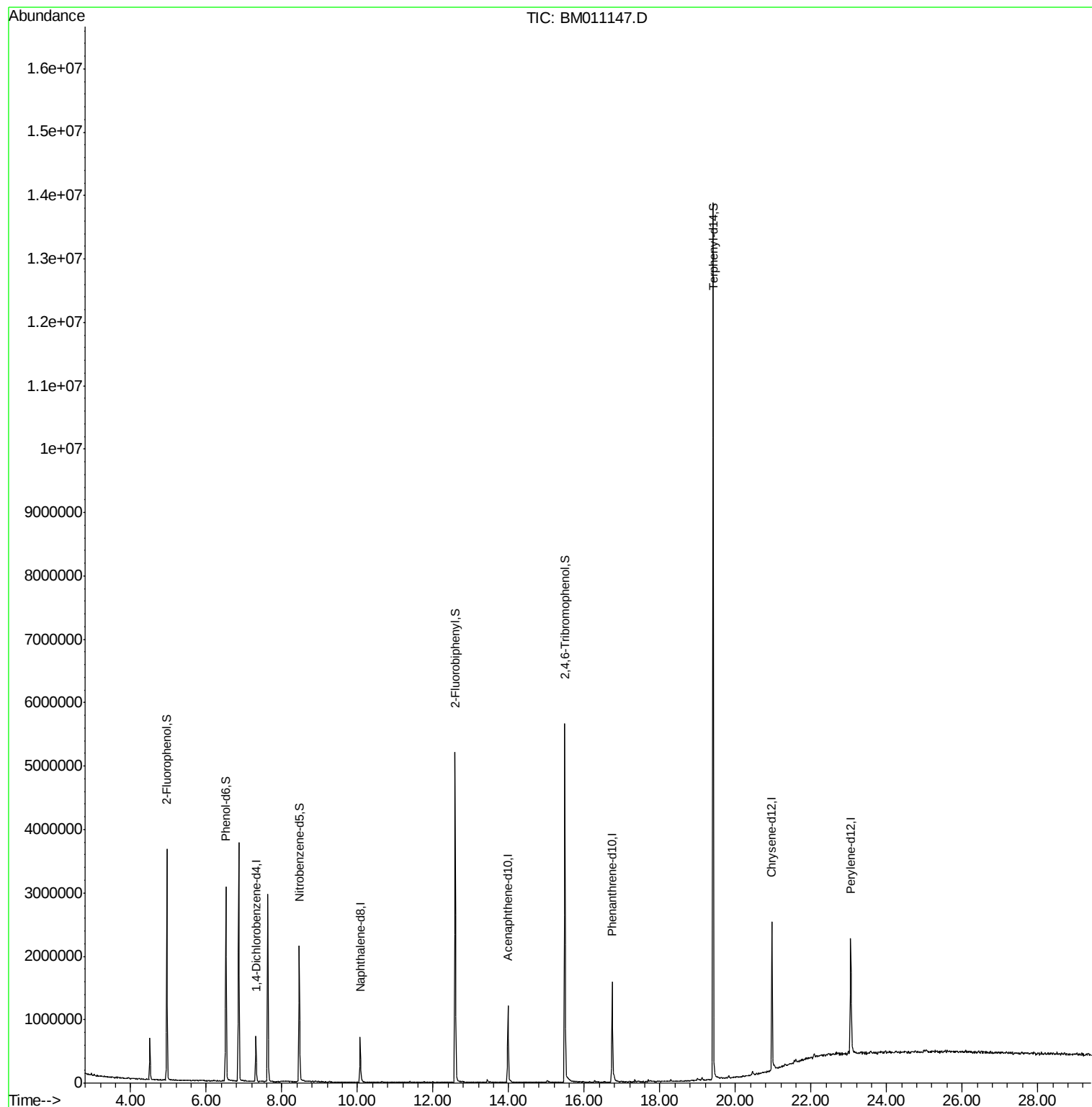
Target Compounds Qvalue

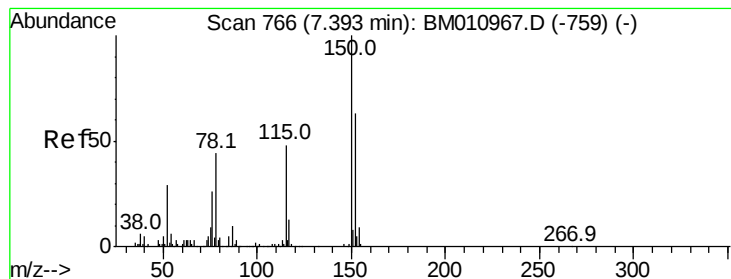
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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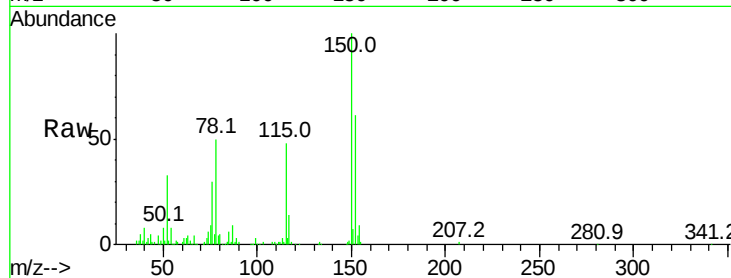


#1

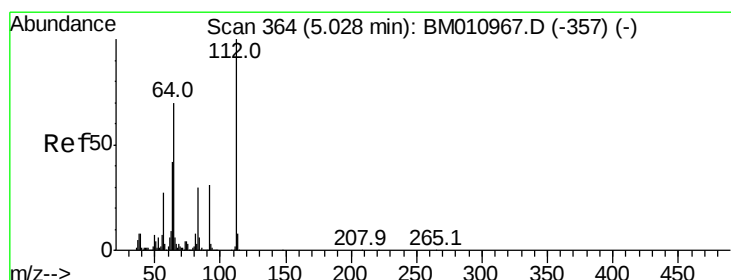
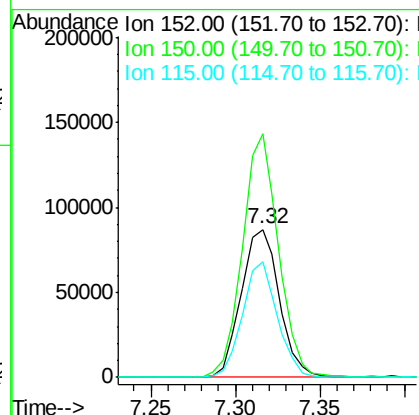
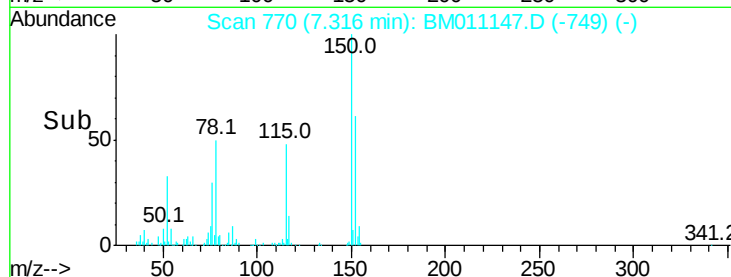
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.32 min Scan# 770
 Delta R.T. -0.08 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	119.5	179.3
115	78.5	43.0	64.4



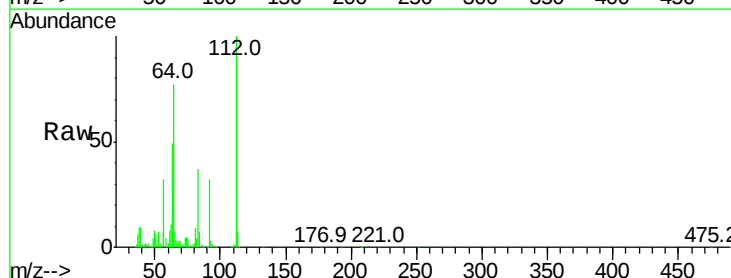
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



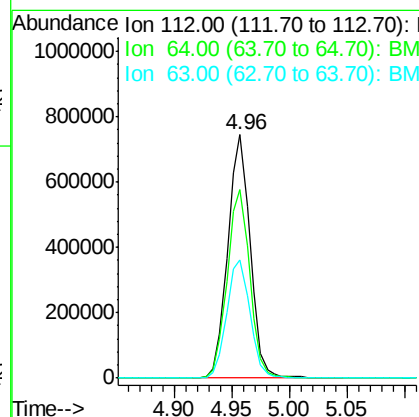
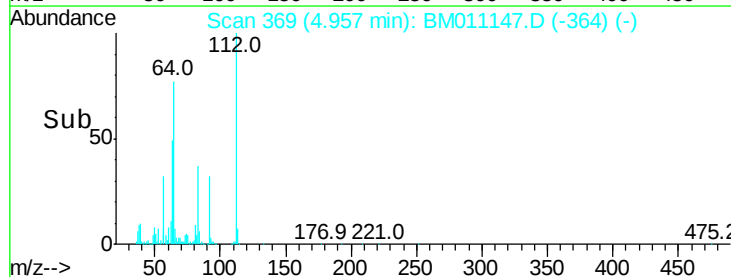
#5

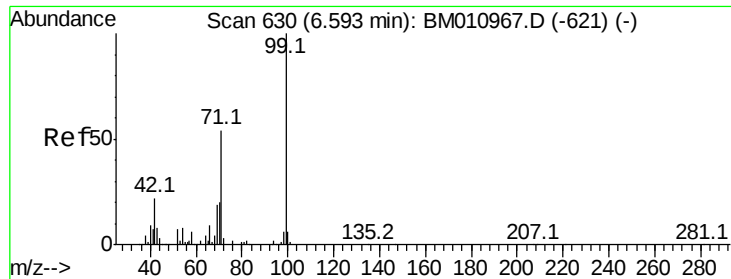
2-Fluorophenol
 Concen: 123.997 ng
 RT: 4.96 min Scan# 369
 Delta R.T. -0.07 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.4	38.6	57.8
63	48.8	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: 111.402 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011147.D

Acq: 05 Aug 2017 18:07

Instrument :

BNA_M

ClientSampleId :

OR-01-080217

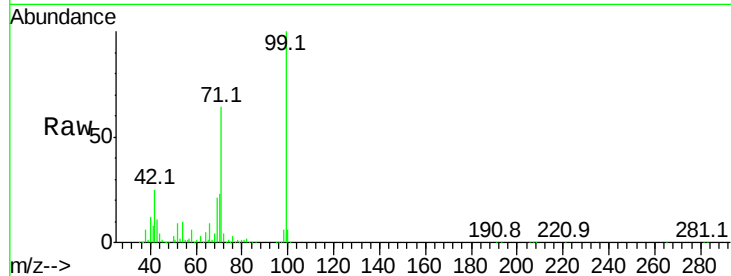
Tot Ion: 99 Resp: 1279830

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

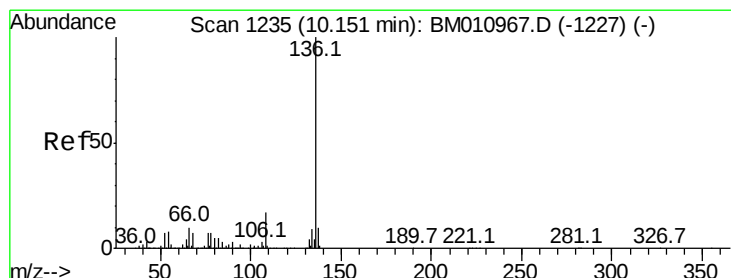
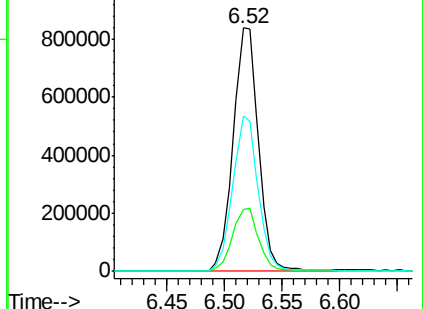
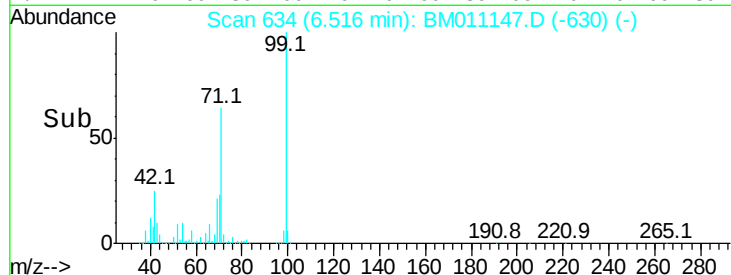
71 63.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011147.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011147.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011147.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011147.D

Acq: 05 Aug 2017 18:07

Tgt Ion: 136 Resp: 461255

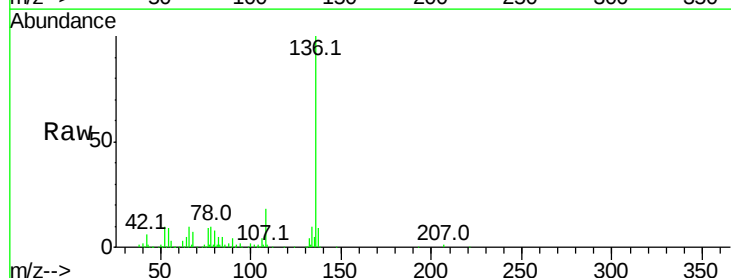
Ion Ratio Lower Upper

136 100

137 9.4 8.7 13.1

54 9.3 4.6 6.8#

68 6.5 3.7 5.5#

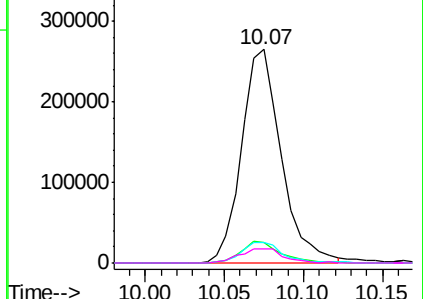
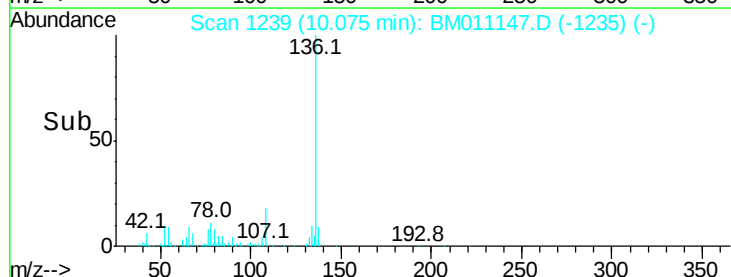


Abundance Ion 136.00 (135.70 to 136.70): BM011147.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011147.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011147.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011147.D (-1235) (-)



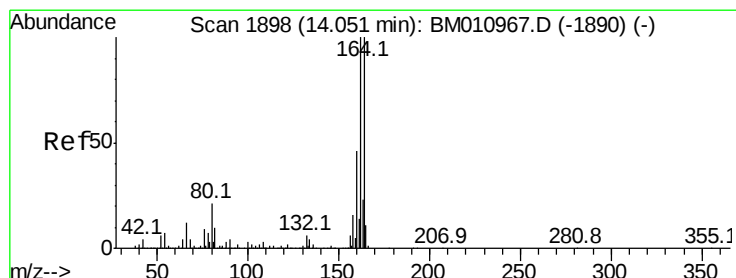
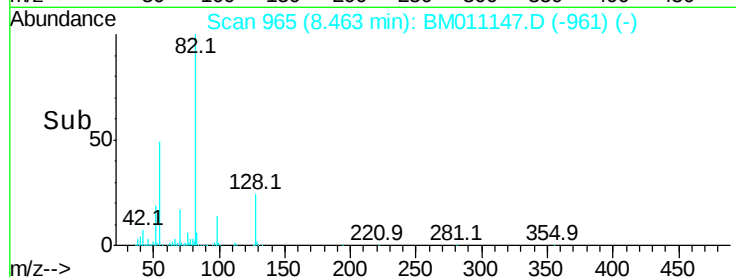
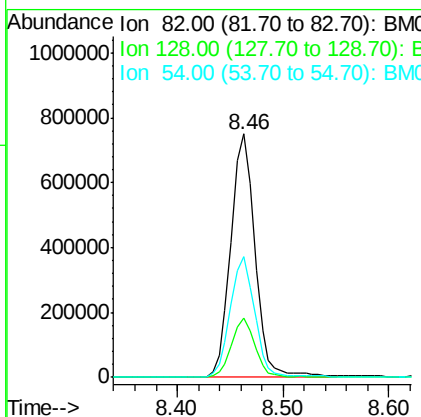
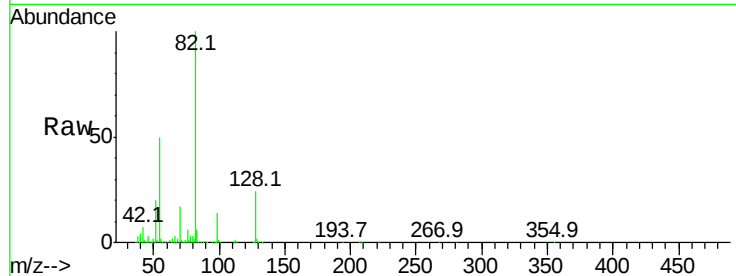


#23
 Nitrobenzene-d5
 Concen: 97.330 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Tot Ion: 82 Resp: 1196158

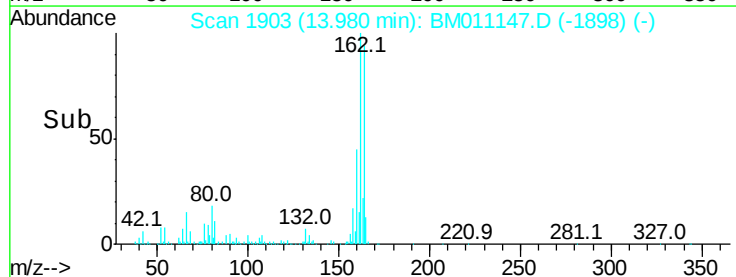
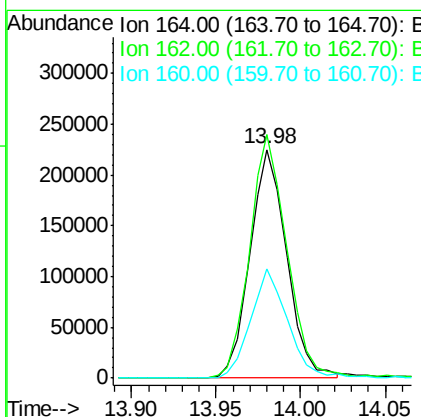
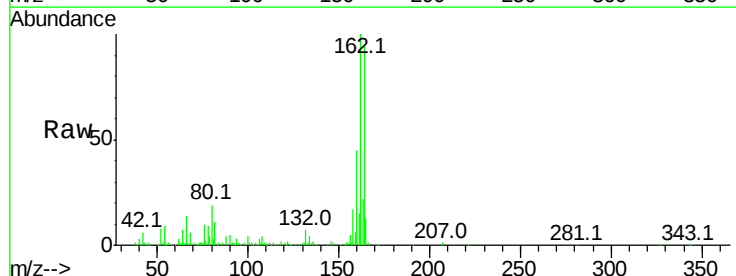
Ion	Ratio	Lower	Upper
82	100		
128	24.3	32.8	49.2#
54	49.6	40.6	60.8

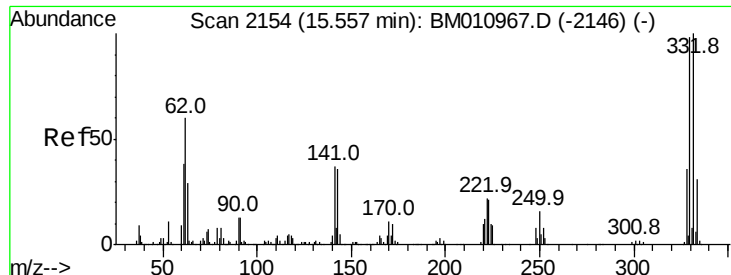


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Tgt Ion:164 Resp: 339944

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.4	123.6
160	47.7	35.8	53.6

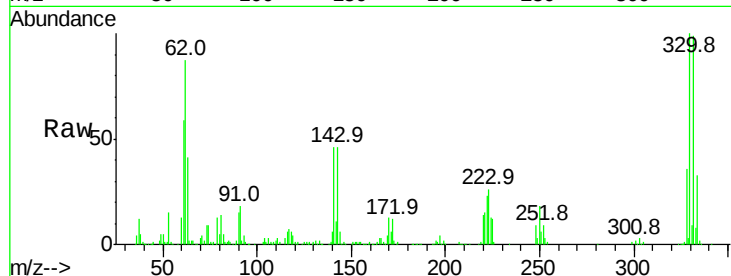




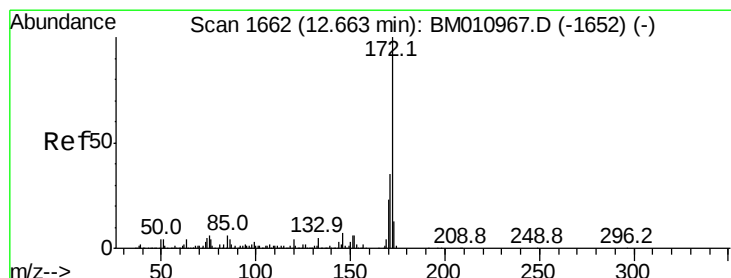
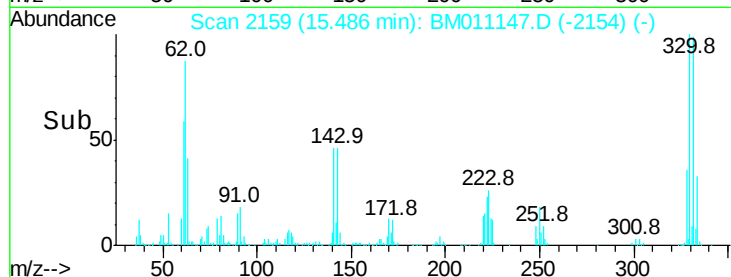
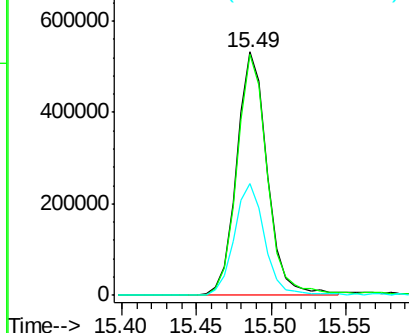
#41
 2,4,6-Tribromophenol
 Concen: 139.726 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	45.9	0.0	0.0#

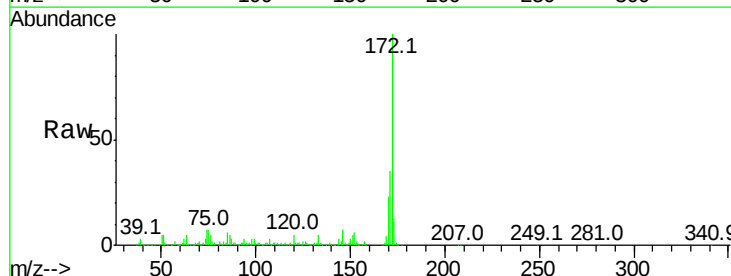


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

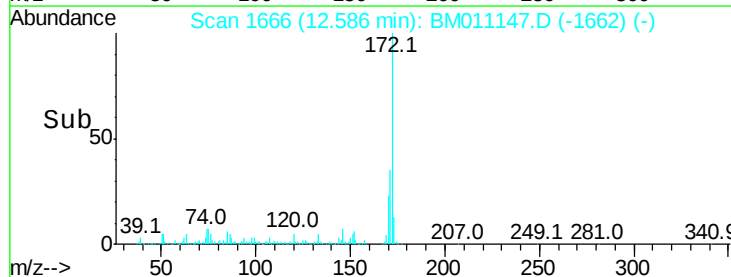
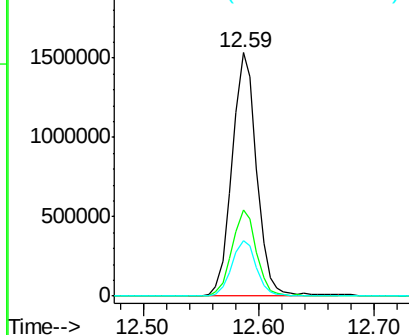


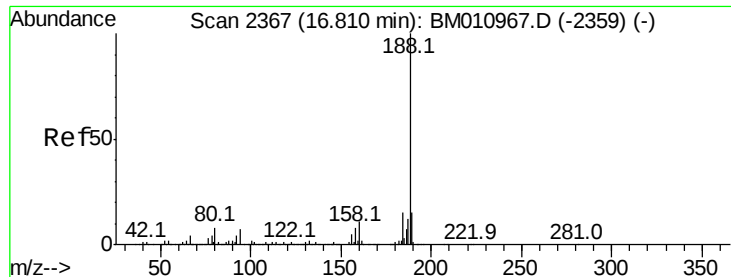
#44
 2-Fluorobiphenyl
 Concen: 83.813 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011147.D
 Acq: 05 Aug 2017 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.8	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

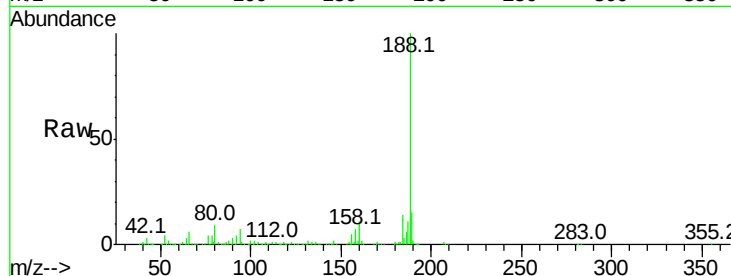




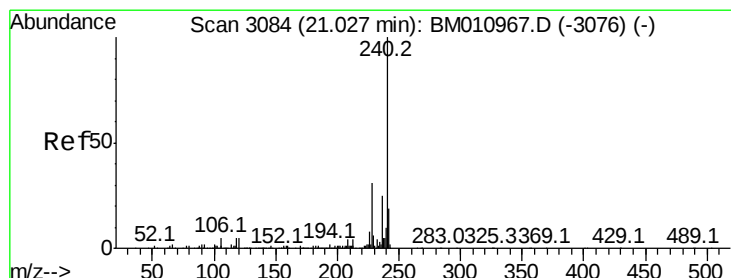
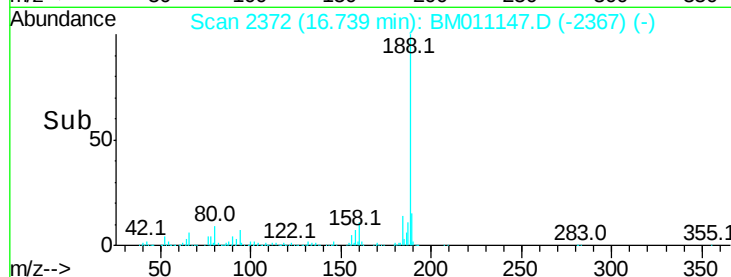
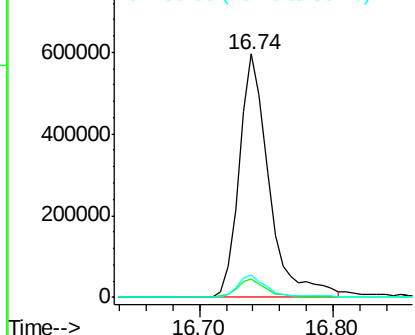
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011147.D
Acq: 05 Aug 2017 18:07

Instrument :
BNA_M
ClientSampleId :
OR-01-080217

Tot Ion:188 Resp: 921076
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 9.1 9.3 13.9#

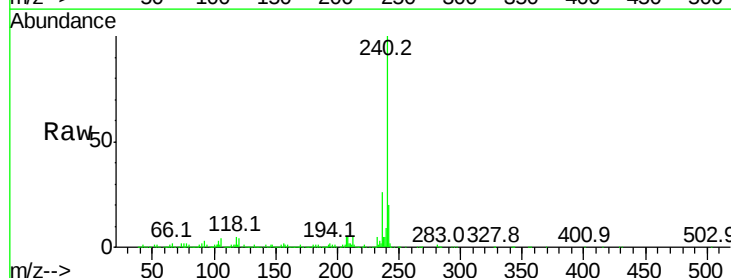


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

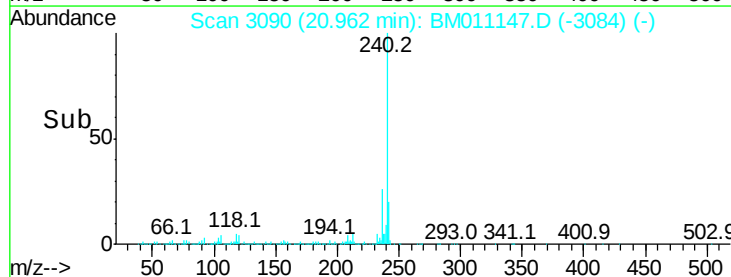
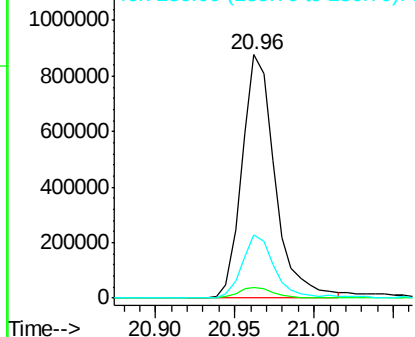


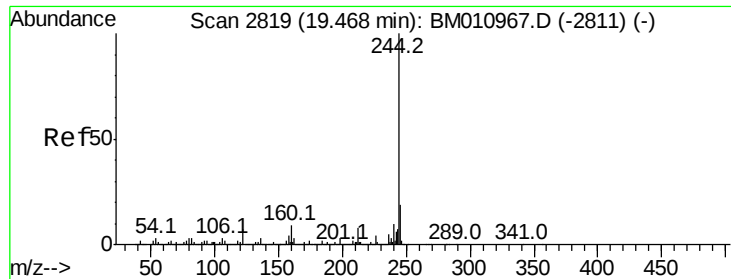
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011147.D
Acq: 05 Aug 2017 18:07

Tgt Ion:240 Resp: 1269740
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 26.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.423 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011147.D

Acq: 05 Aug 2017 18:07

Instrument :

BNA_M

ClientSampleId :

OR-01-080217

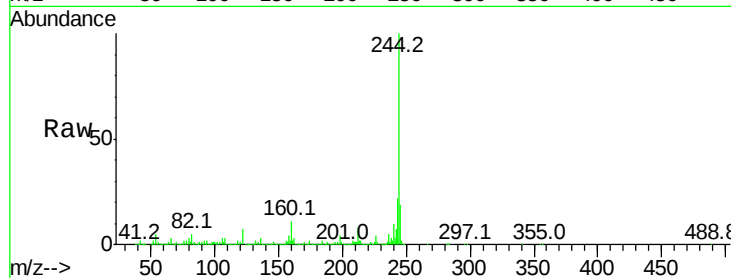
Tot Ion:244 Resp: 5219212

Ion Ratio Lower Upper

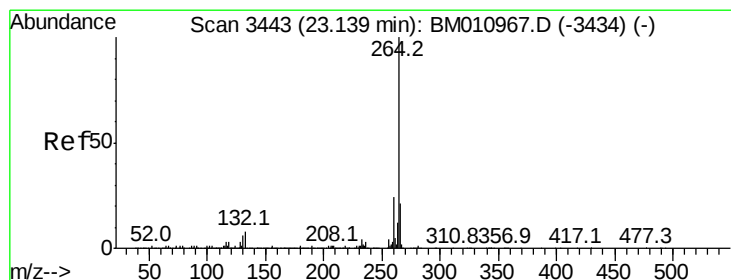
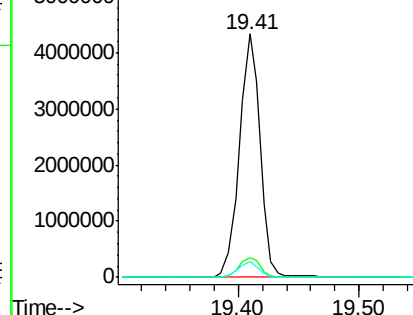
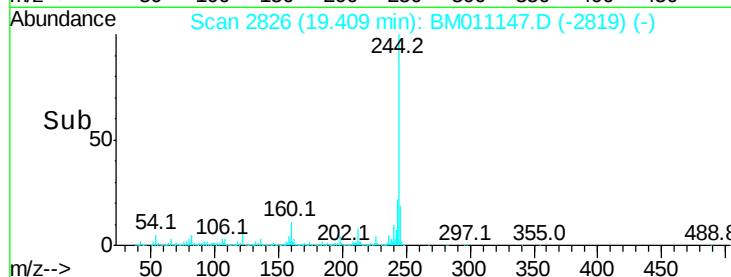
244 100

212 8.3 4.9 7.3#

122 6.6 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: BM011147.D

Acq: 05 Aug 2017 18:07

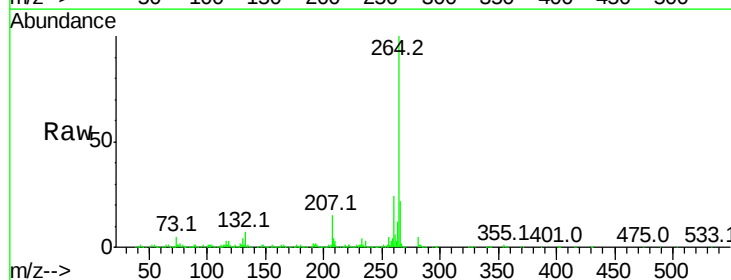
Tgt Ion:264 Resp: 1383916

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 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

