

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
 Data File : BM011148.D
 Acq On : 05 Aug 2017 18:44
 Operator : SJ/JU
 Sample : I4584-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-080217RE

Quant Time: Aug 06 01:19:39 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	128012	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	426149	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	235656	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	781235	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	568360	20.00	ng	-0.06
86) Perylene-d12	23.06	264	61627	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	525672	69.42	ng	-0.08
7) Phenol-d6	6.52	99	602017	55.95	ng	-0.08
23) Nitrobenzene-d5	8.46	82	509062	44.83	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	341974	90.54	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	976412	51.96	ng	-0.08
78) Terphenyl-d14	19.41	244	2239780	78.06	ng	-0.06

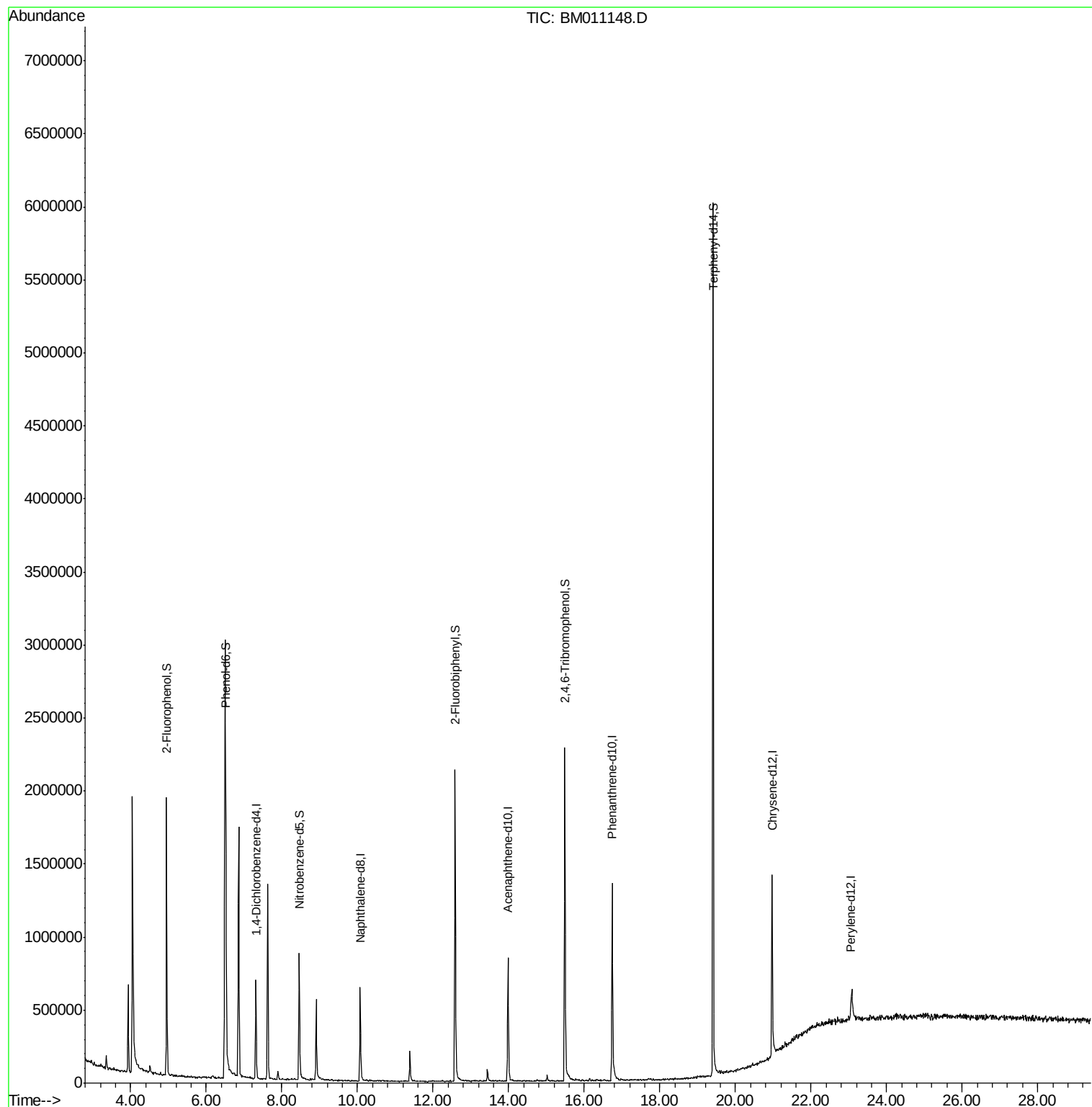
Target Compounds Qvalue

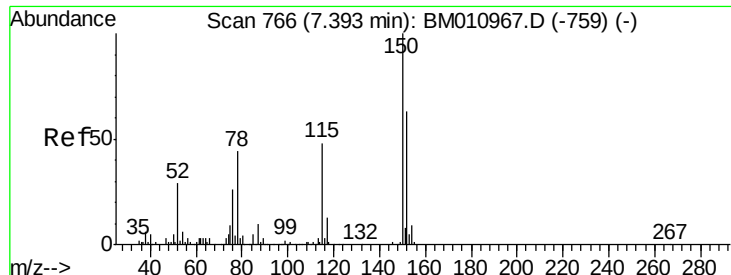
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
Data File : BM011148.D
Acq On : 05 Aug 2017 18:44
Operator : SJ/JU
Sample : I4584-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-080217RE

Quant Time: Aug 06 01:19:39 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



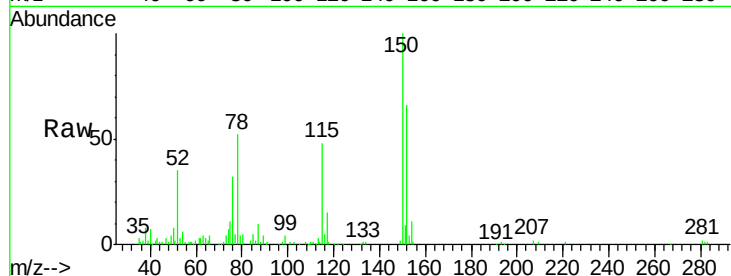


#1

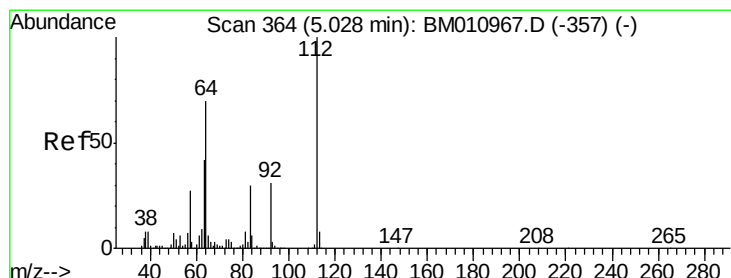
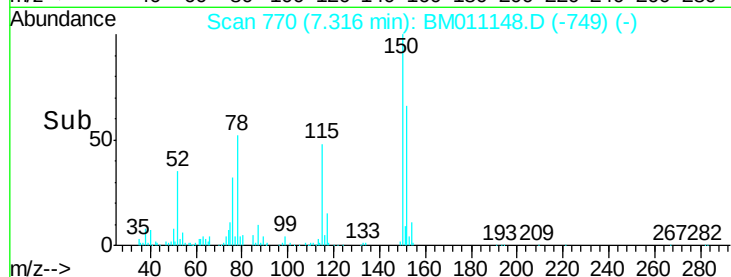
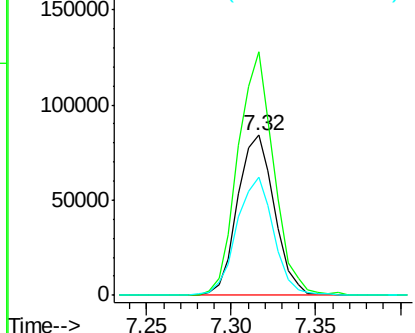
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011148.D
Acq: 05 Aug 2017 18:44

Instrument :
BNA_M
ClientSampleId :
OK-01-080217RE

Tgt Ion:152 Resp: 128012
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 73.5 43.0 64.4#



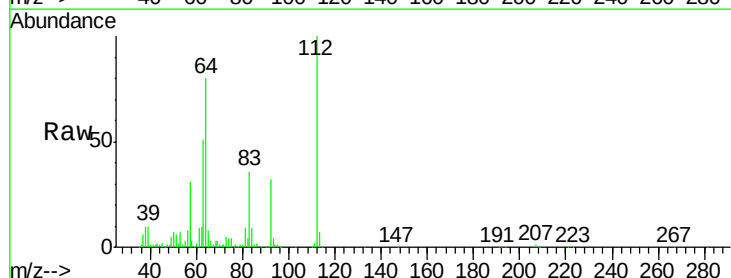
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



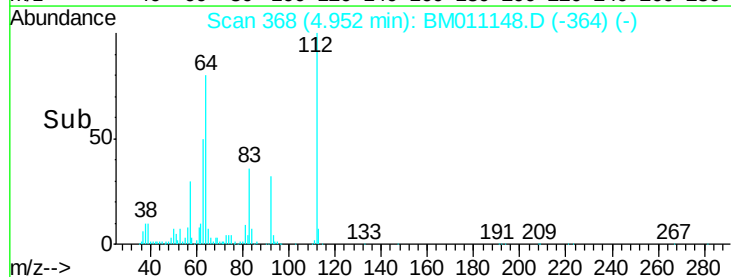
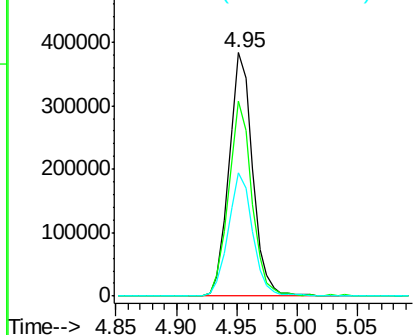
#5

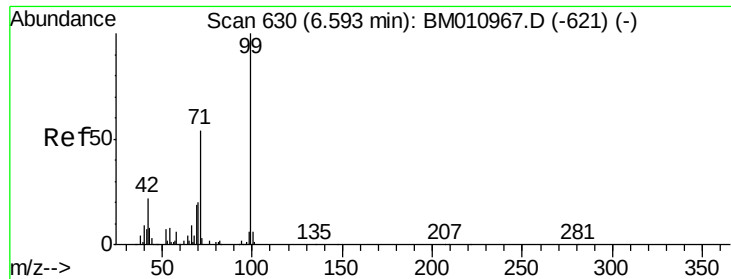
2-Fluorophenol
Concen: 69.417 ng
RT: 4.95 min Scan# 368
Delta R.T. -0.08 min
Lab File: BM011148.D
Acq: 05 Aug 2017 18:44

Tgt Ion:112 Resp: 525672
Ion Ratio Lower Upper
112 100
64 80.2 38.6 57.8#
63 50.5 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: 55.953 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011148.D

Acq: 05 Aug 2017 18:44

Instrument :

BNA_M

ClientSampleId :

OK-01-080217RE

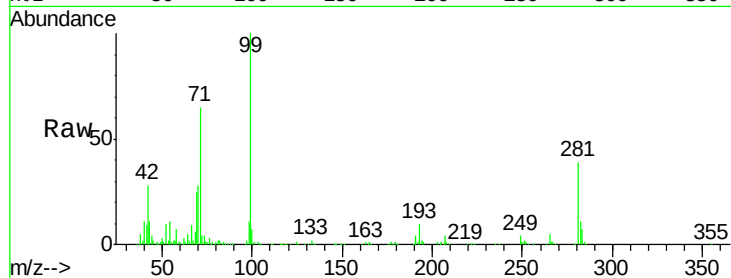
Tgt Ion: 99 Resp: 602017

Ion Ratio Lower Upper

99 100

42 27.9 11.0 16.4#

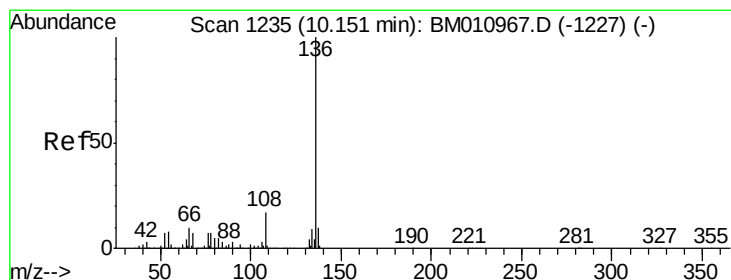
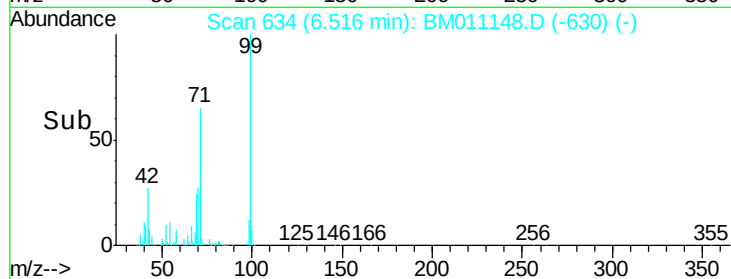
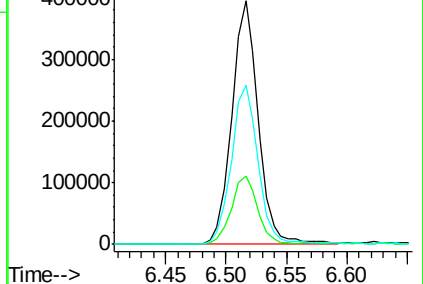
71 65.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011148.D

Acq: 05 Aug 2017 18:44

Tgt Ion: 136 Resp: 426149

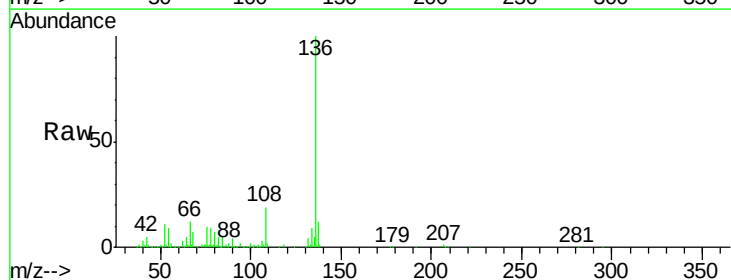
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 9.1 4.6 6.8#

68 6.7 3.7 5.5#

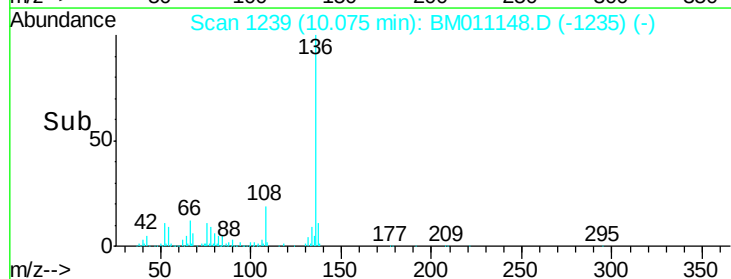
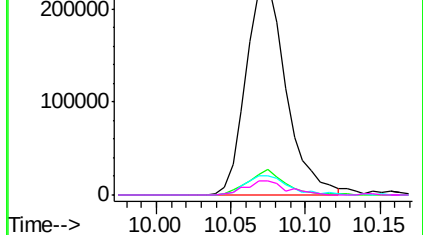


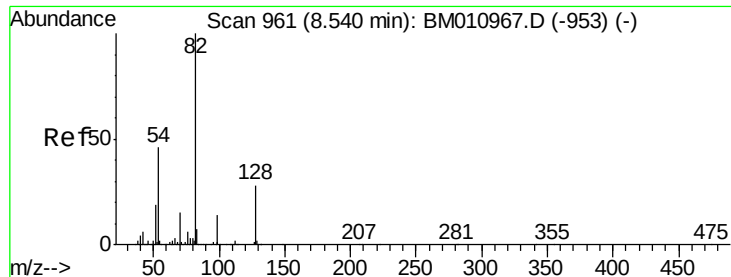
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

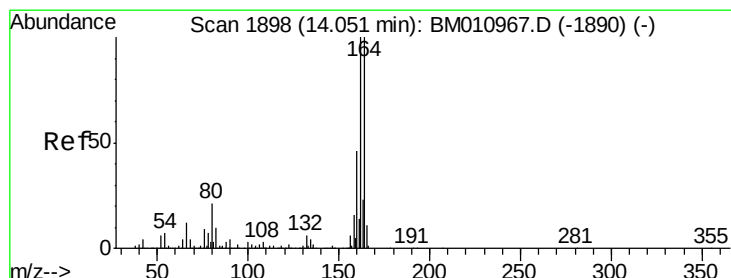
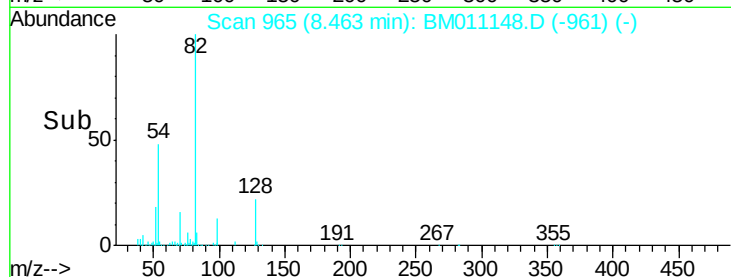
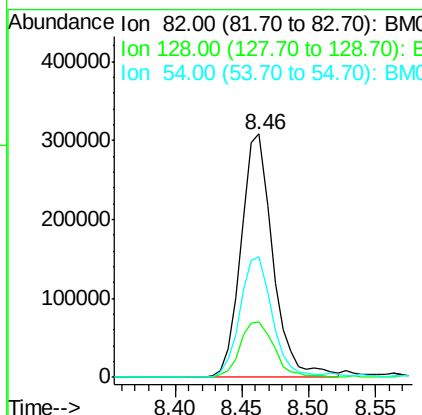
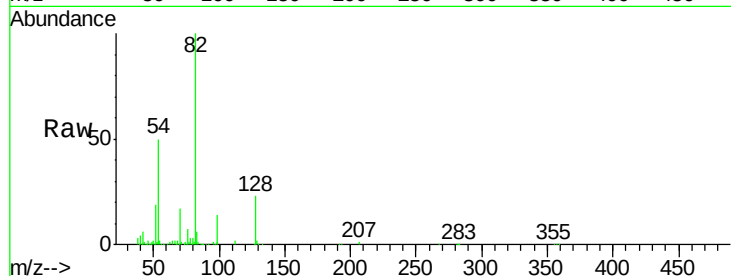




#23
 Nitrobenzene-d5
 Concen: 44.834 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011148.D
 Acq: 05 Aug 2017 18:44

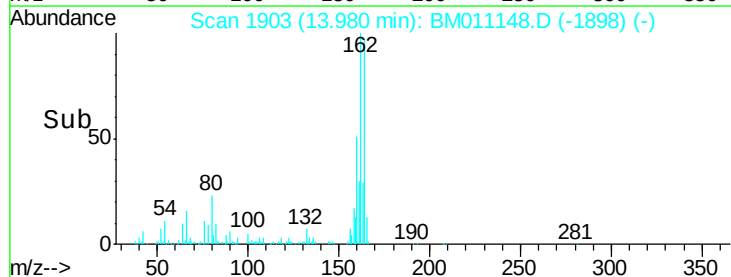
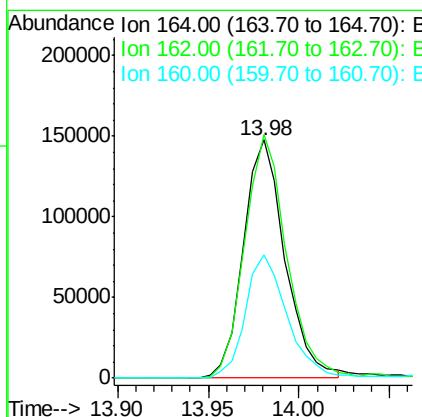
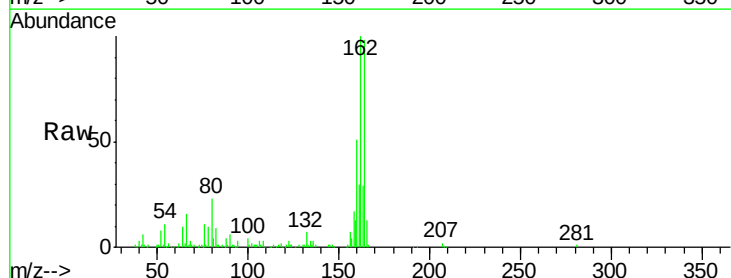
Instrument :
 BNA_M
 ClientSampleId :
 OK-01-080217RE

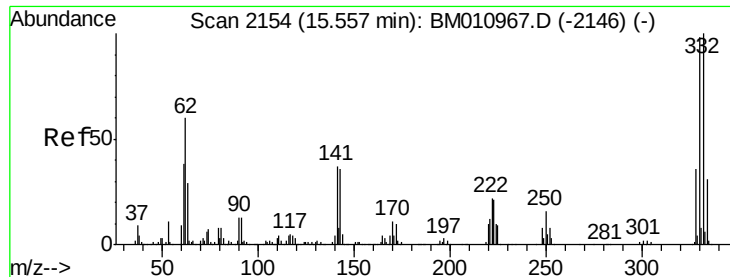
Tgt Ion	Ratio	Lower	Upper
82	100		
128	22.6	32.8	49.2#
54	49.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011148.D
 Acq: 05 Aug 2017 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	52.0	35.8	53.6

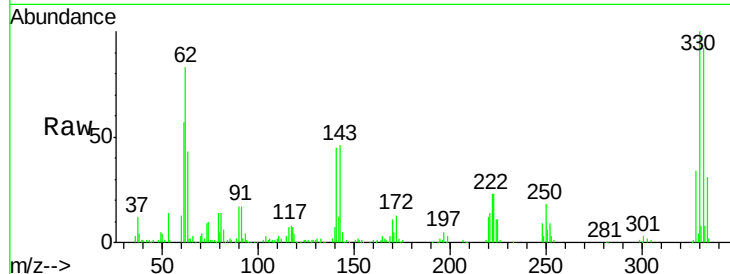




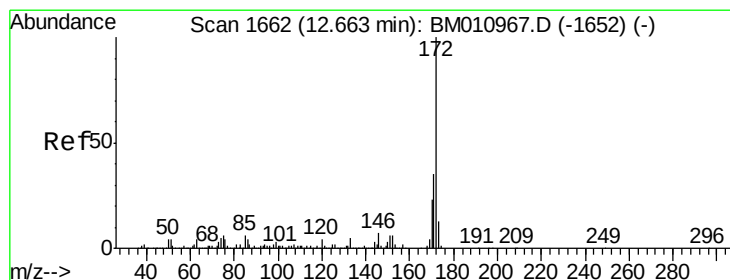
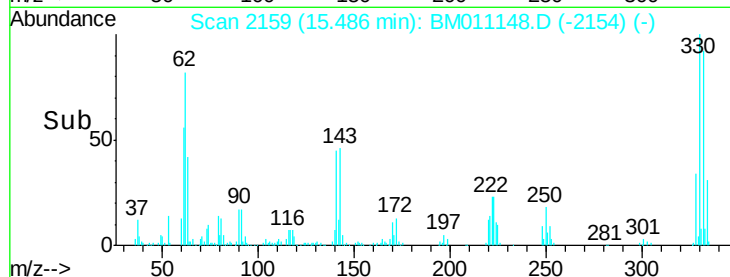
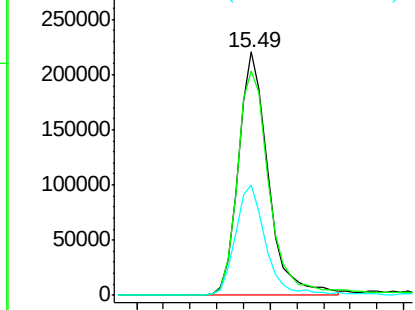
#41
 2,4,6-Tribromophenol
 Concen: 90.539 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011148.D
 Acq: 05 Aug 2017 18:44

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-080217RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	45.9	0.0	0.0#

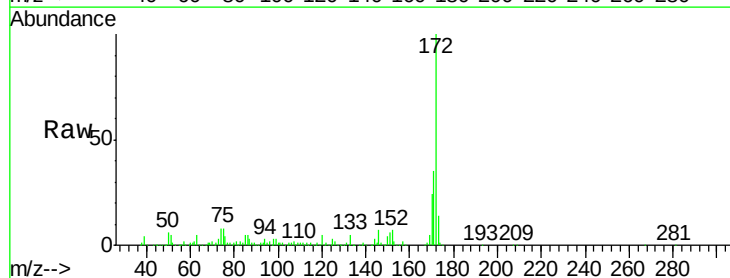


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

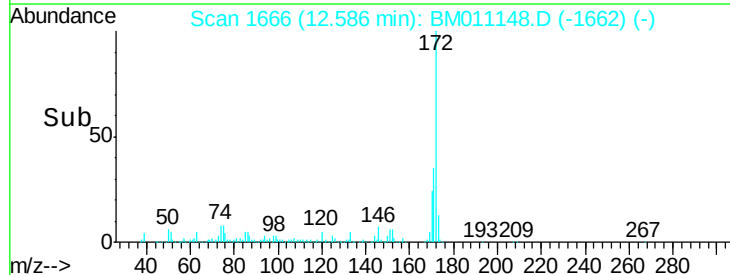
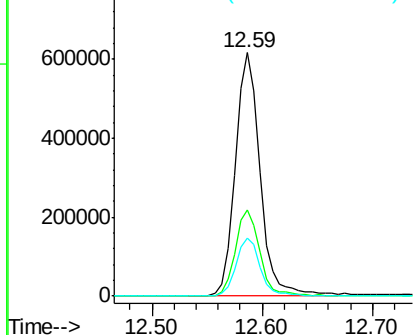


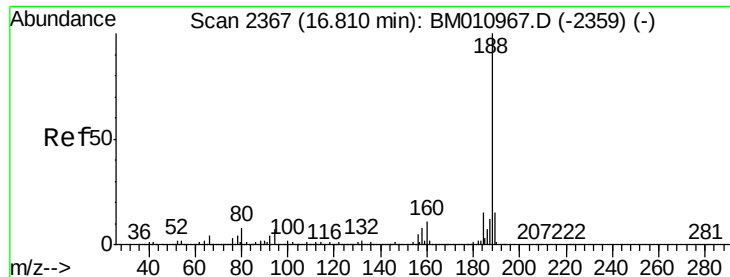
#44
 2-Fluorobiphenyl
 Concen: 51.964 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011148.D
 Acq: 05 Aug 2017 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.1	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: BM011148.D

Acq: 05 Aug 2017 18:44

Instrument :

BNA_M

ClientSampleId :

OK-01-080217RE

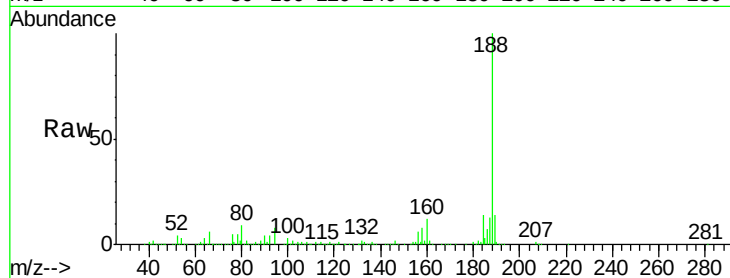
Tgt Ion:188 Resp: 781235

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

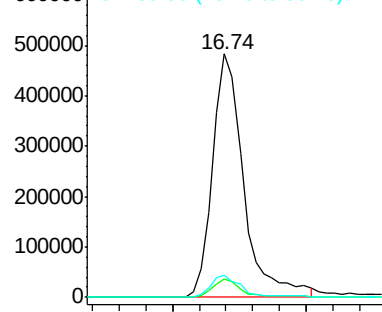
80 9.4 9.3 13.9



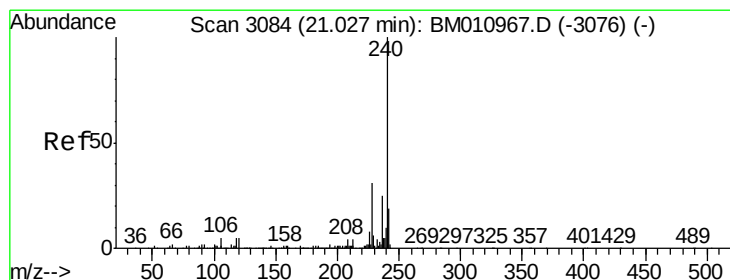
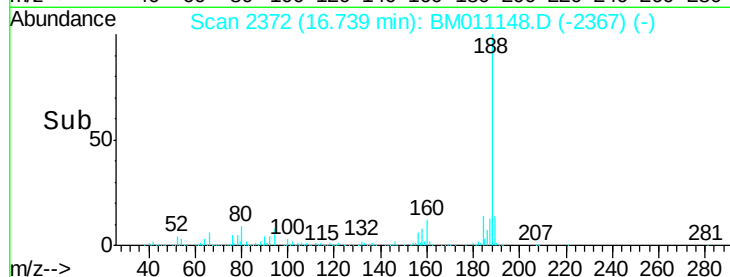
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BM011148.D

Acq: 05 Aug 2017 18:44

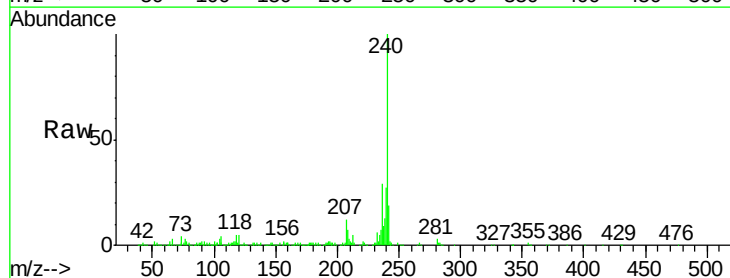
Tgt Ion:240 Resp: 568360

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

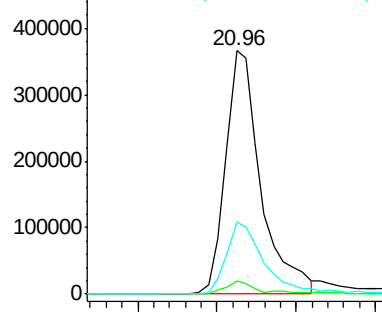
236 29.5 20.0 30.0



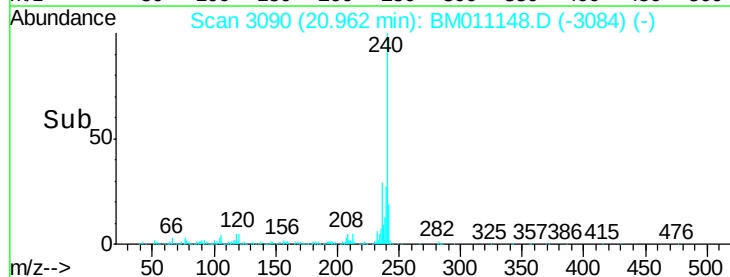
Abundance Ion 240.00 (239.70 to 240.70): E

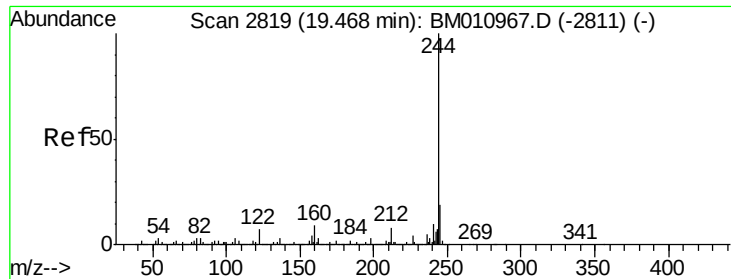
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.062 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011148.D

Acq: 05 Aug 2017 18:44

Instrument :

BNA_M

ClientSampleId :

OK-01-080217RE

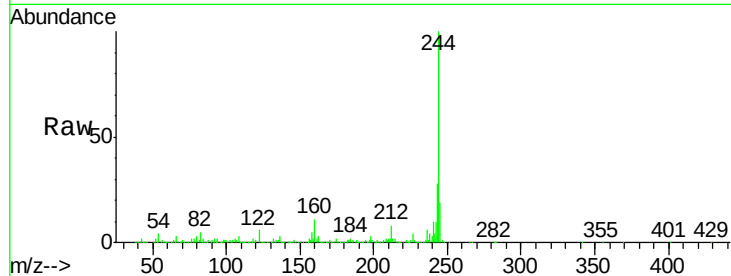
Tgt Ion:244 Resp: 2239780

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

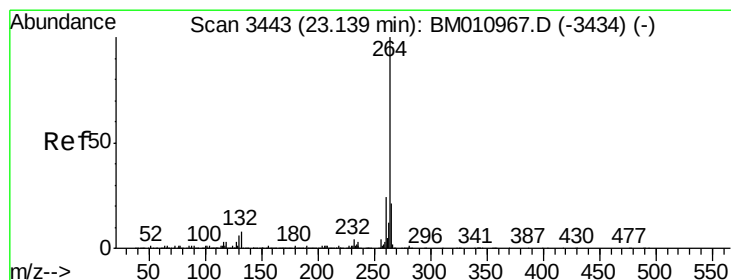
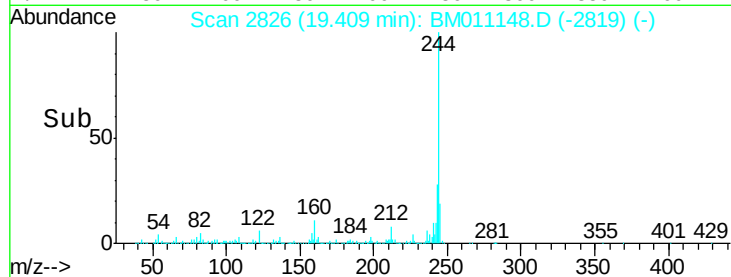
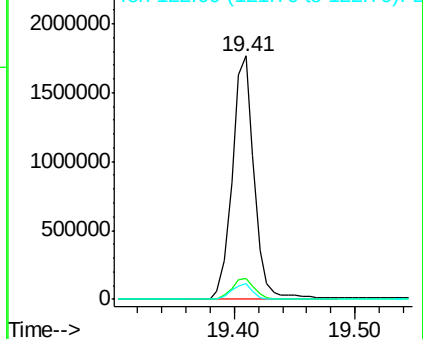
122 6.3 6.2 9.4



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: 23.06 min Scan# 3446

Delta R.T. -0.08 min

Lab File: BM011148.D

Acq: 05 Aug 2017 18:44

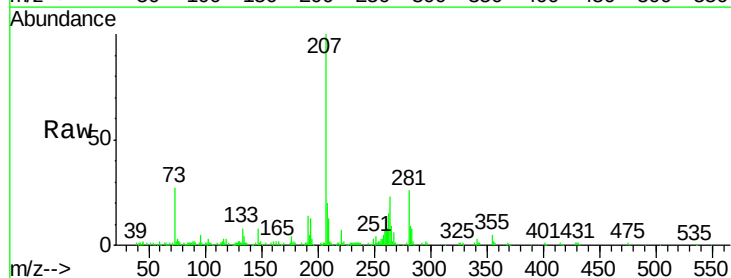
Tgt Ion:264 Resp: 61627

Ion Ratio Lower Upper

264 100

260 50.9 18.6 27.8#

265 39.9 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

