

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011242.D
 Acq On : 15 Aug 2017 20:38
 Operator : SJ/JU
 Sample : I4760-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 00:56:21 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	7.29	152	107201	20.00	ng	-0.11
21) Naphthalene-d8	10.05	136	356678	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	247212	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	609116	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	687906	20.00	ng	-0.08
86) Perylene-d12	23.02	264	545408	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	903876	142.53	ng	-0.09
7) Phenol-d6	6.50	99	1222304	135.66	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1147518	120.75	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	554931	140.05	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1935258	98.18	ng	-0.10
78) Terphenyl-d14	19.39	244	3196413	92.04	ng	-0.08

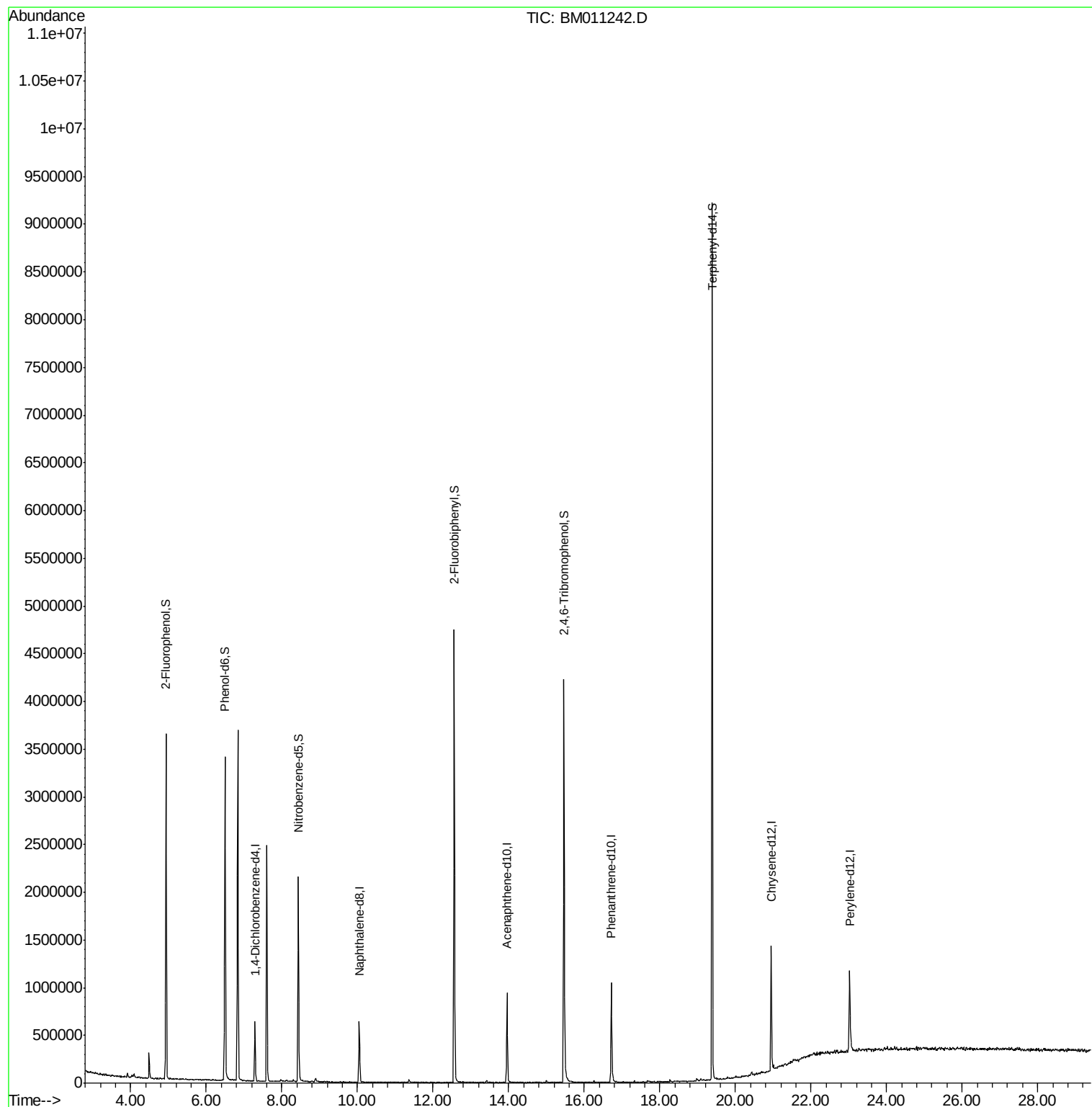
Target Compounds Qvalue

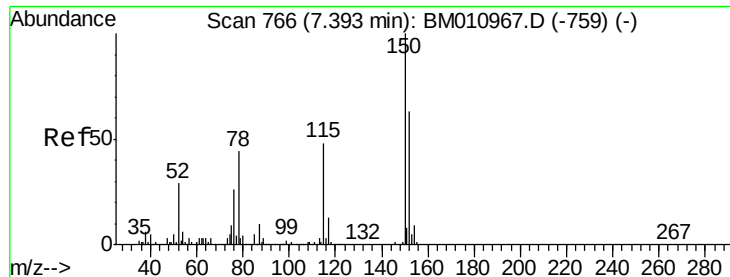
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 765

Delta R.T. -0.11 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

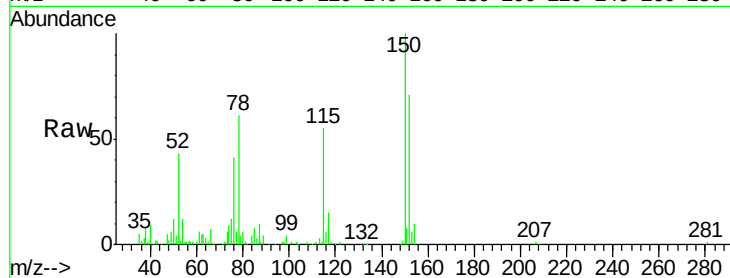
Tot Ion:152 Resp: 107201

Ion Ratio Lower Upper

152 100

150 140.4 119.5 179.3

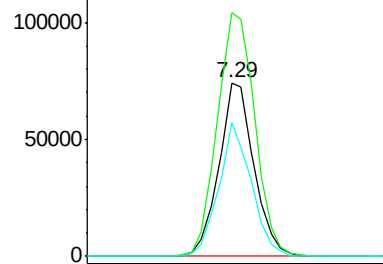
115 77.3 43.0 64.4#



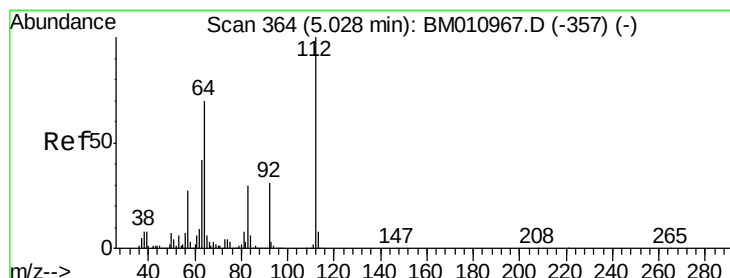
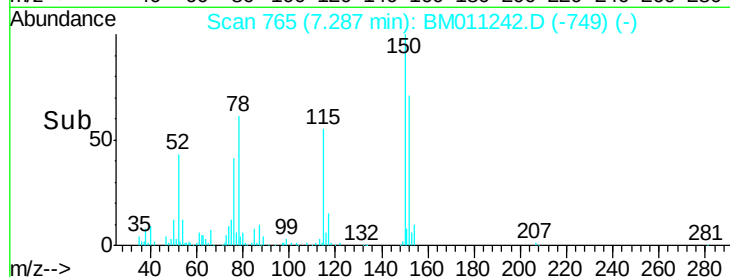
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 142.53 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

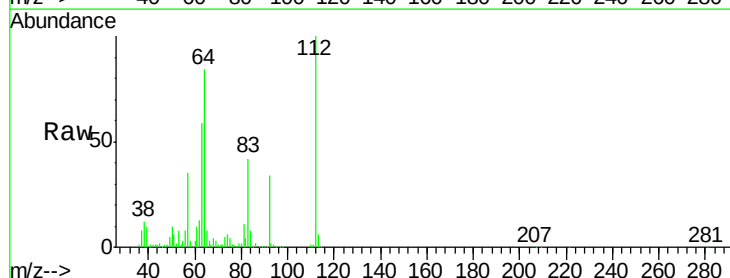
Tgt Ion:112 Resp: 903876

Ion Ratio Lower Upper

112 100

64 83.9 38.6 57.8#

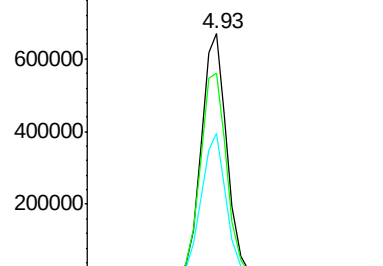
63 59.1 19.3 28.9#



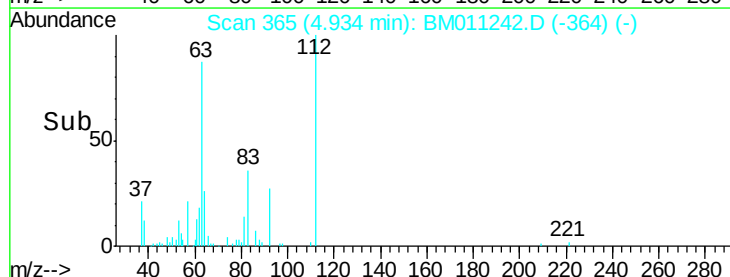
Abundance Ion 112.00 (111.70 to 112.70): E

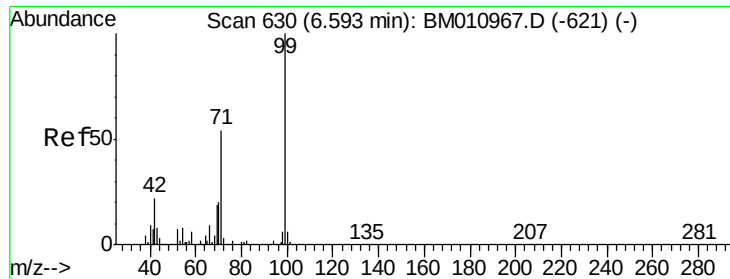
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 135.66 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

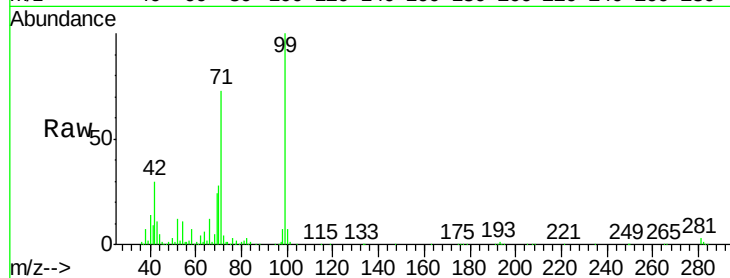
Tot Ion: 99 Resp: 1222304

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

71 73.2 23.4 35.2#

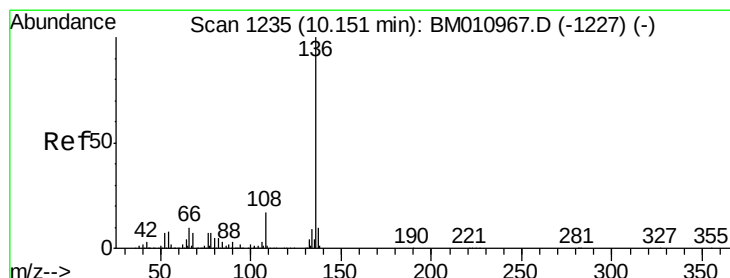
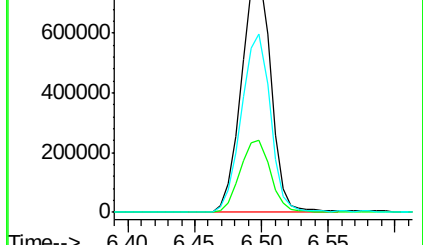
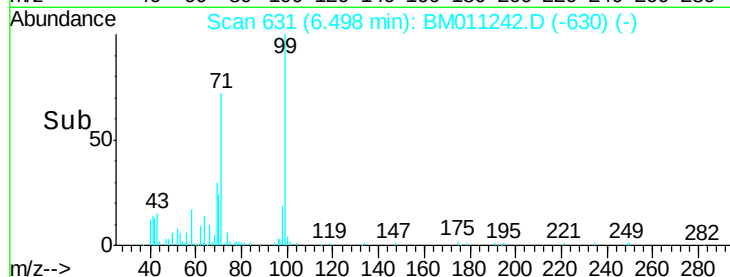


Abundance Ion 99.00 (98.70 to 99.70): BM011242.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011242.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011242.D (-630) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.11 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Tgt Ion: 136 Resp: 356678

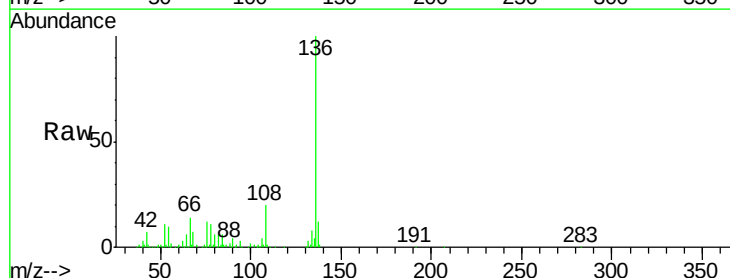
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.2 4.6 6.8#

68 6.9 3.7 5.5#



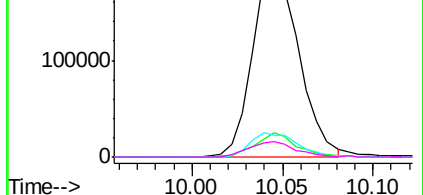
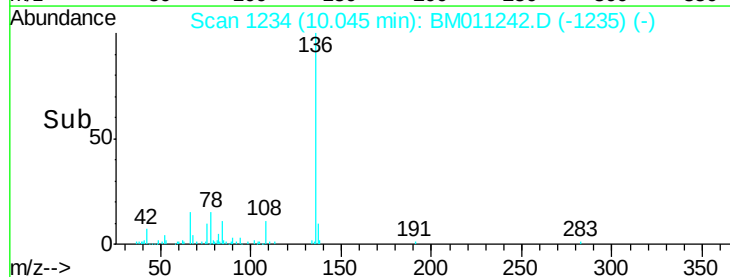
Abundance Ion 136.00 (135.70 to 136.70): BM011242.D (-1235) (-)

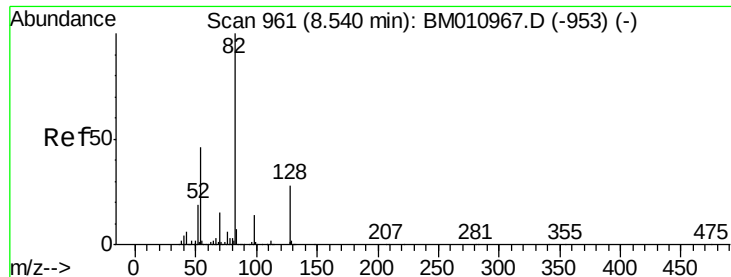
Ion 137.00 (136.70 to 137.70): BM011242.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011242.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011242.D (-1235) (-)

Time-->

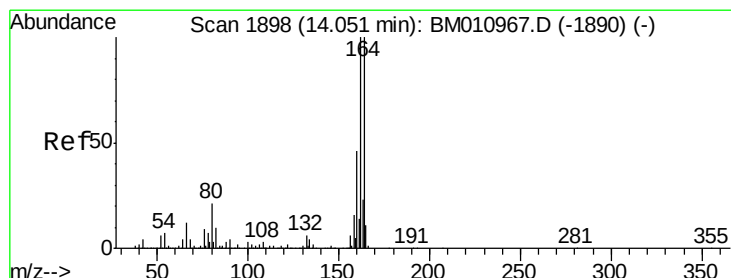
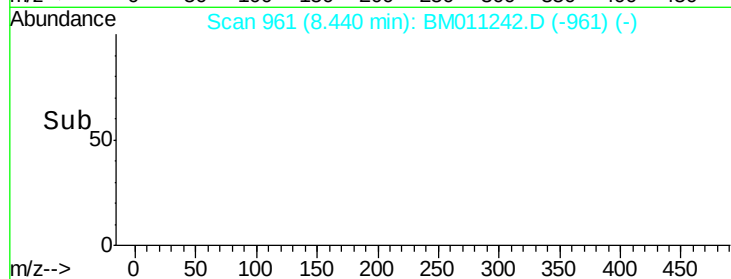
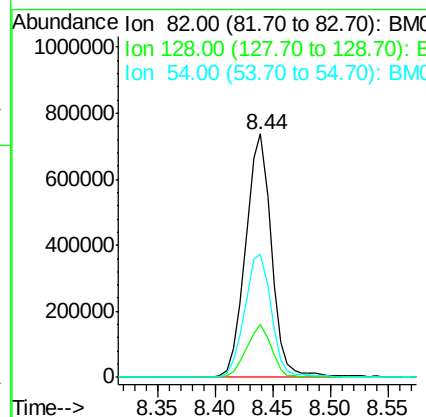
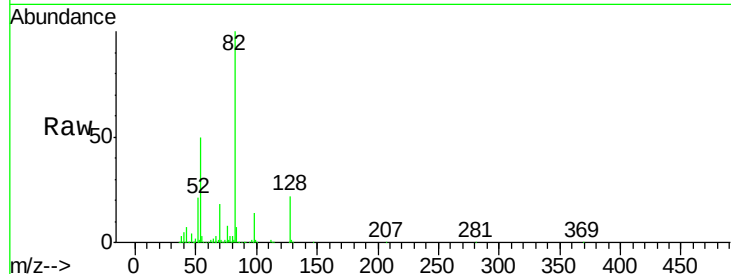




#23
 Nitrobenzene-d5
 Concen: 120.75 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

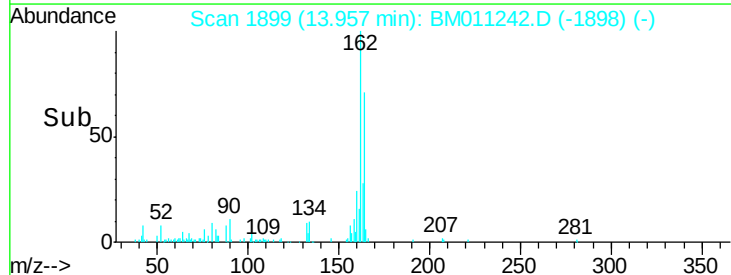
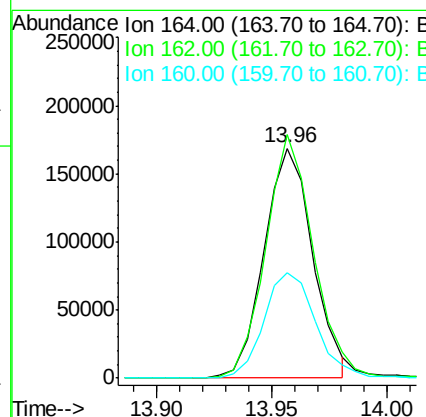
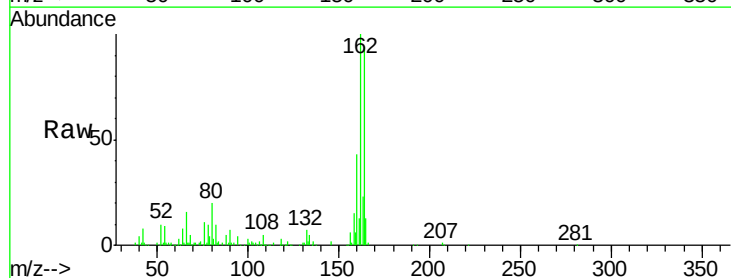
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

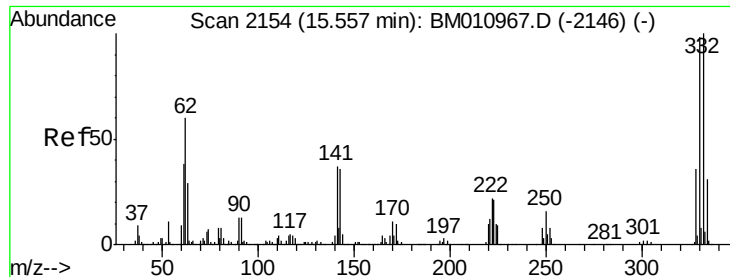
Tot Ion	82	Resp	1147518
Ion Ratio	Lower	Upper	
82	100		
128	21.8	32.8	49.2#
54	50.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.09 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Tgt Ion	164	Resp	247212
Ion Ratio	Lower	Upper	
164	100		
162	105.8	82.4	123.6
160	46.0	35.8	53.6

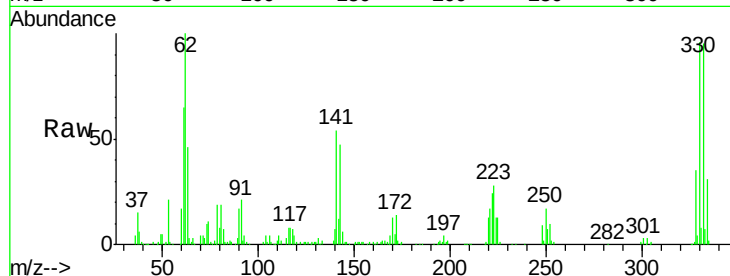




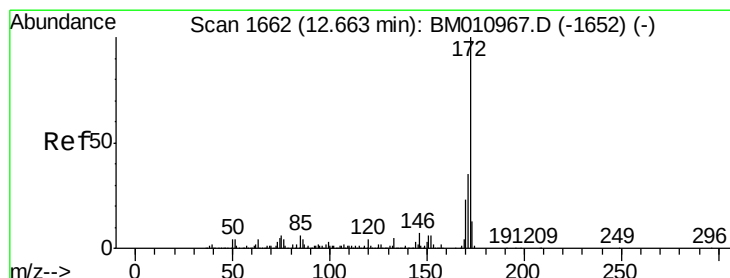
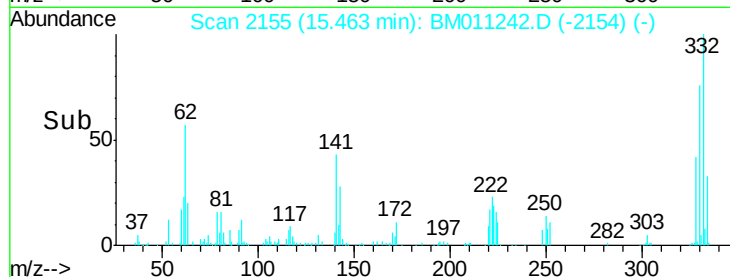
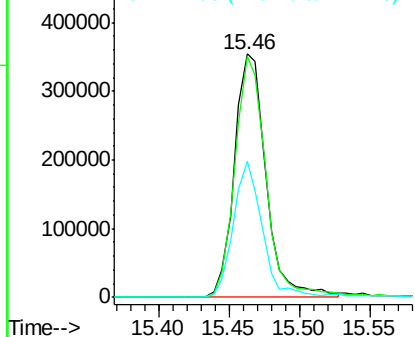
#41
 2,4,6-Tribromophenol
 Concen: 140.05 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.09 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	51.2	0.0	0.0#

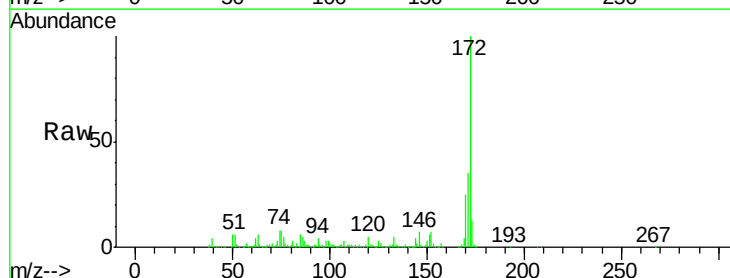


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

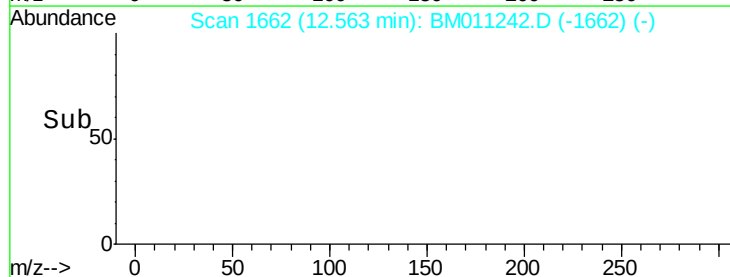
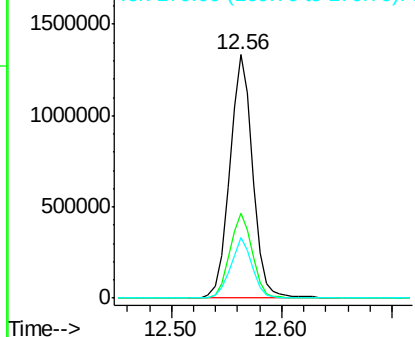


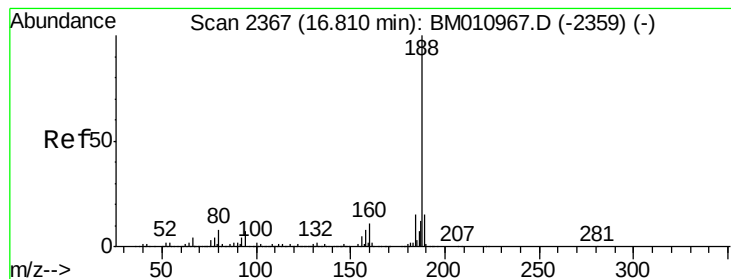
#44
 2-Fluorobiphenyl
 Concen: 98.18 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	24.6	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: 16.72 min Scan# 2368

Delta R.T. -0.09 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

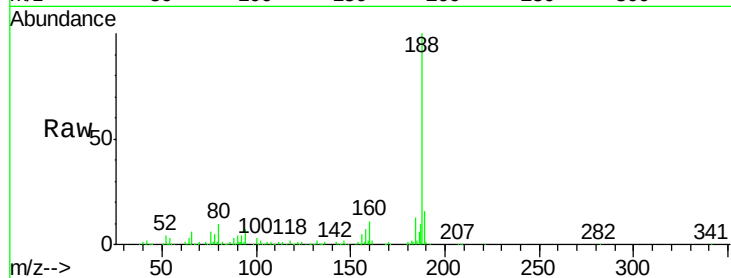
Tot Ion:188 Resp: 609116

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

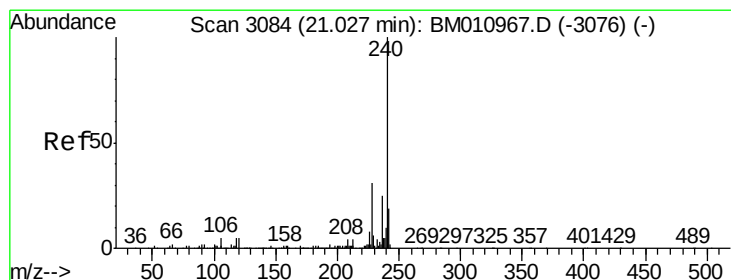
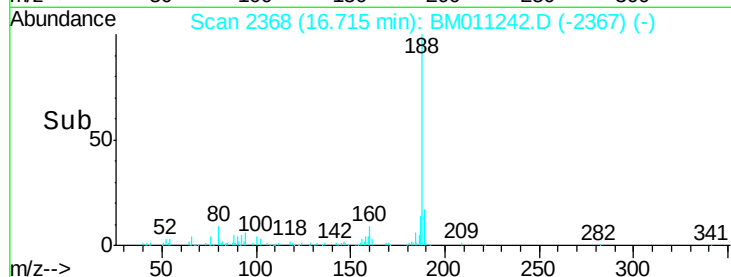
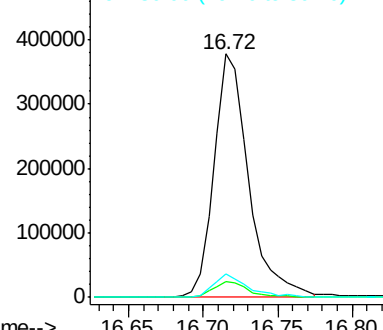
80 9.7 9.3 13.9



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: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

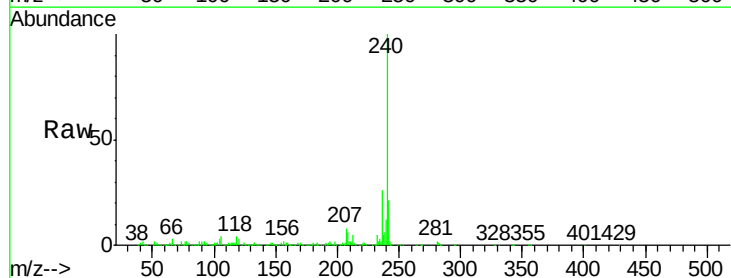
Tgt Ion:240 Resp: 687906

Ion Ratio Lower Upper

240 100

120 3.4 8.2 12.2#

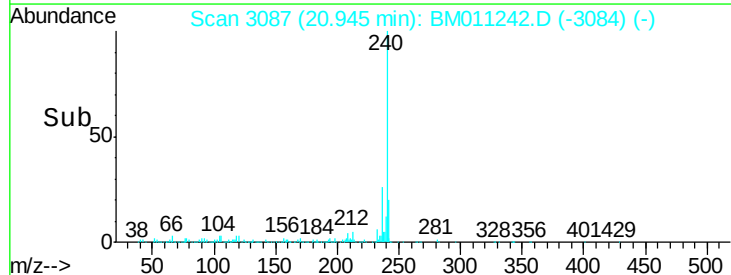
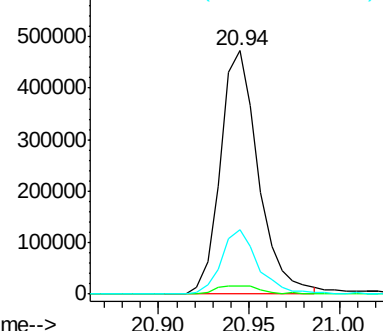
236 26.3 20.0 30.0

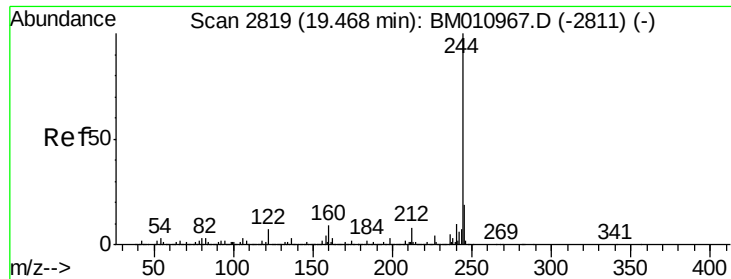


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.04 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

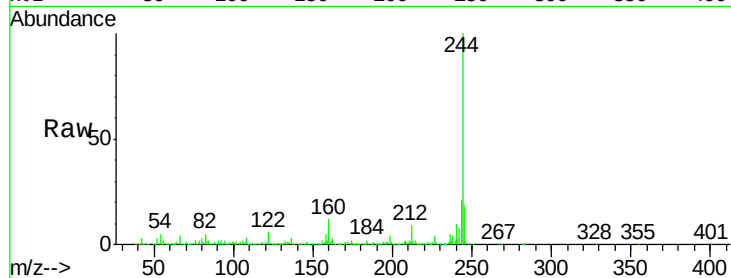
Tot Ion:244 Resp: 3196413

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

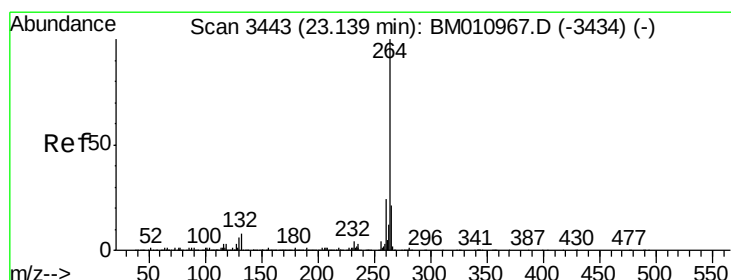
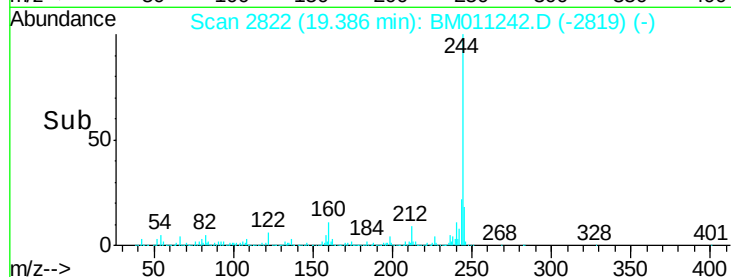
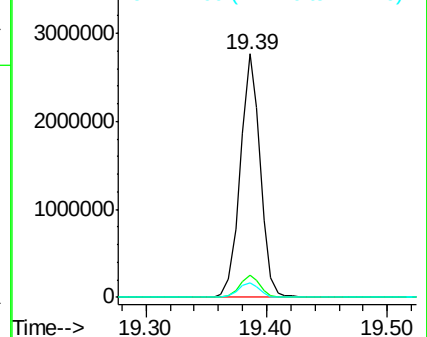
122 6.2 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

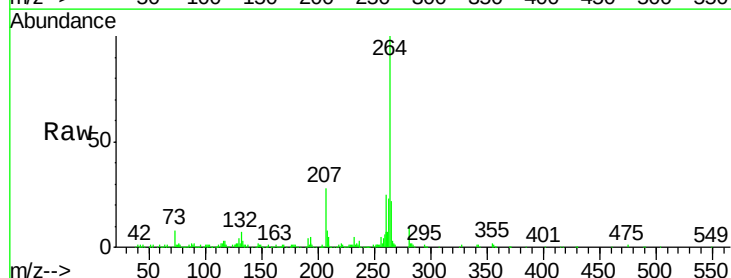
Tgt Ion:264 Resp: 545408

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.9 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

