

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011249.D
 Acq On : 16 Aug 2017 00:52
 Operator : SJ/JU
 Sample : I4795-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 03:14:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	84082	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	286270	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	177569	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	465211	20.00	ng	0.00
75) Chrysene-d12	20.94	240	535079	20.00	ng	0.00
86) Perylene-d12	23.03	264	112997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	253486	50.96	ng	0.00
7) Phenol-d6	6.49	99	283301	40.09	ng	0.00
23) Nitrobenzene-d5	8.43	82	346526	45.43	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	134678	47.32	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	580465	41.00	ng	0.00
78) Terphenyl-d14	19.39	244	1105756	40.94	ng	0.00

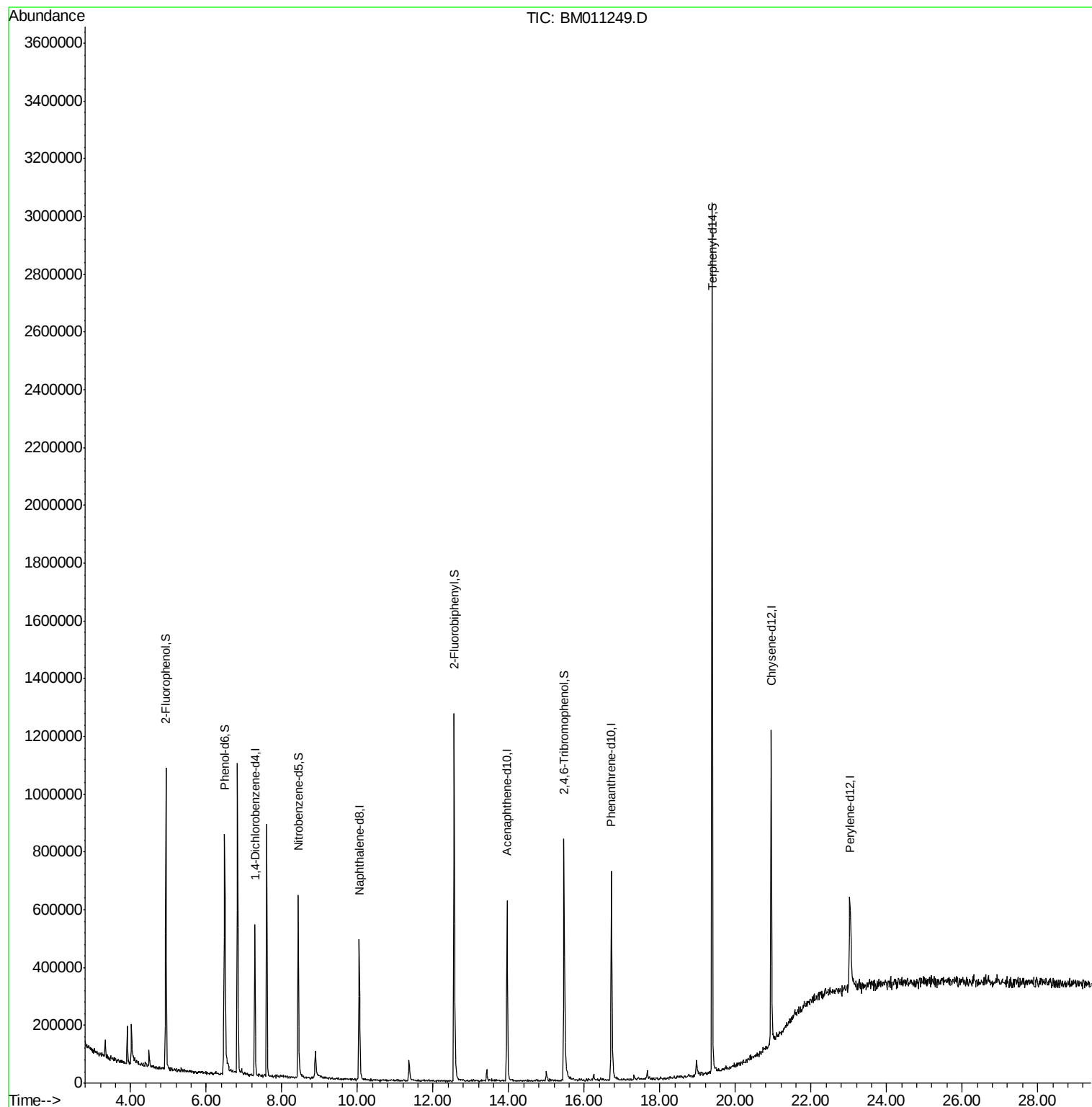
Target Compounds Qvalue

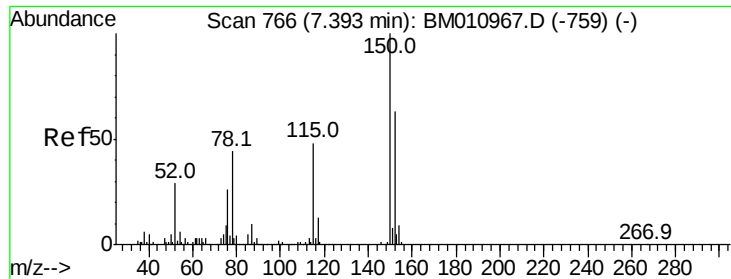
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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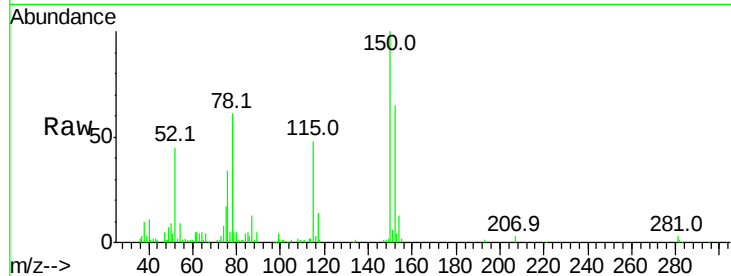


#1

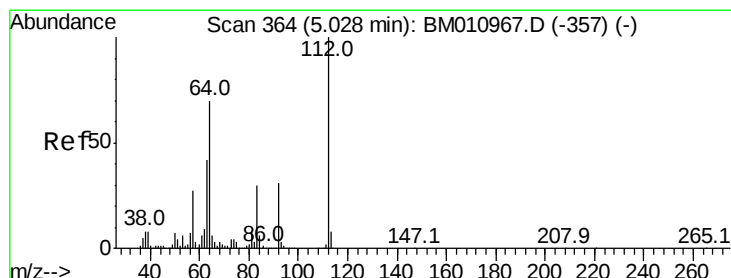
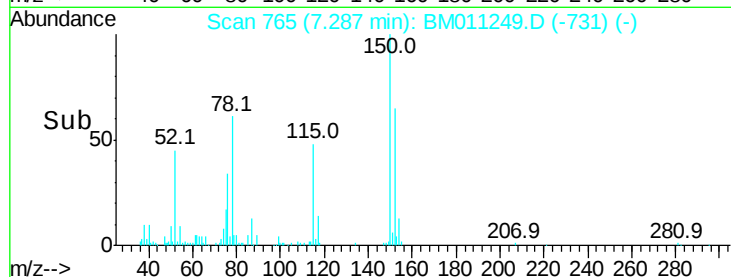
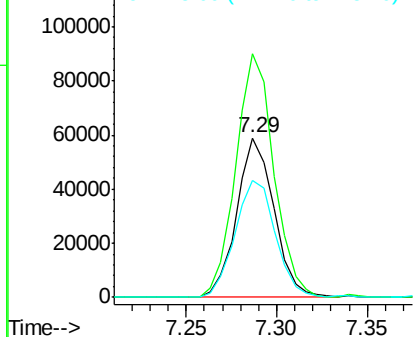
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011249.D
Acq: 16 Aug 2017 00:52

Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tot Ion:152 Resp: 84082
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 73.3 43.0 64.4#



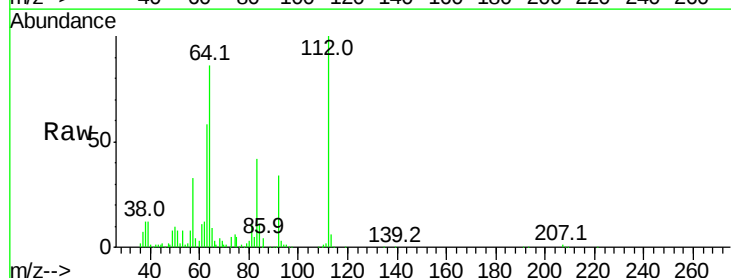
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



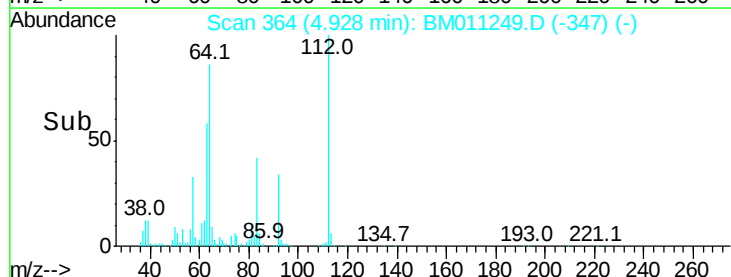
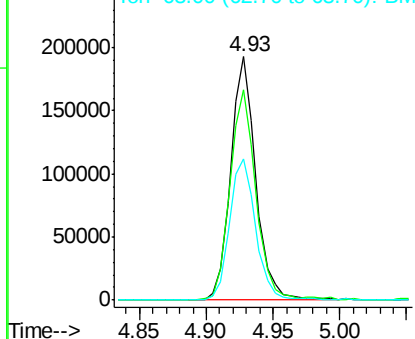
#5

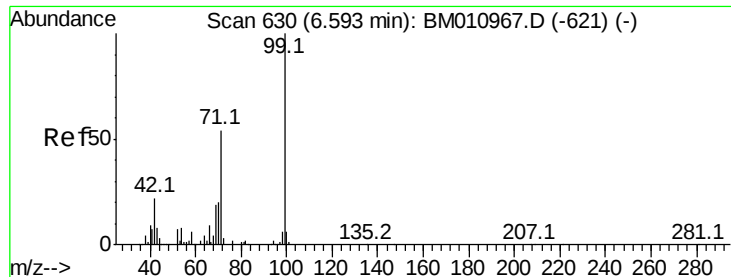
2-Fluorophenol
Concen: 50.962 ng
RT: 4.93 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM011249.D
Acq: 16 Aug 2017 00:52

Tgt Ion:112 Resp: 253486
Ion Ratio Lower Upper
112 100
64 86.3 38.6 57.8#
63 57.8 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: 40.087 ng

RT: 6.49 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

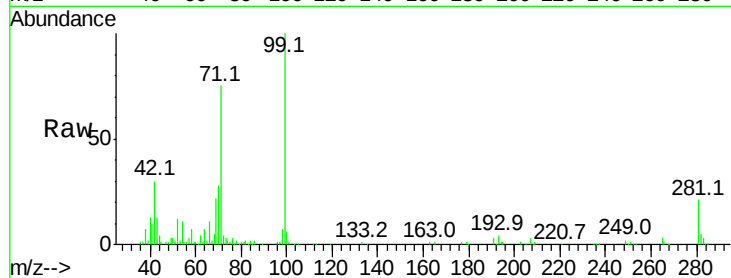
Tot Ion: 99 Resp: 283301

Ion Ratio Lower Upper

99 100

42 30.1 11.0 16.4#

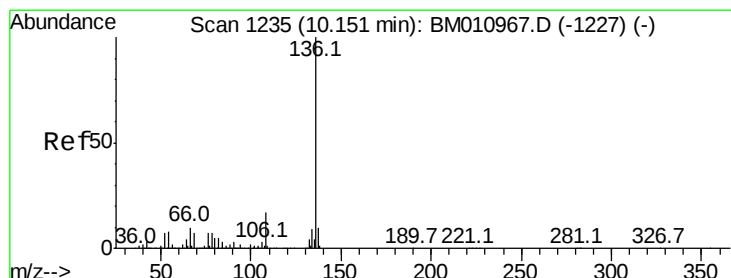
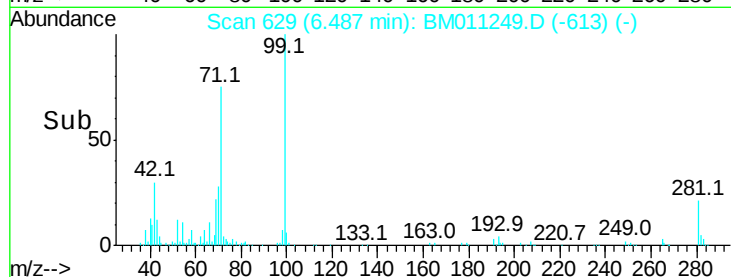
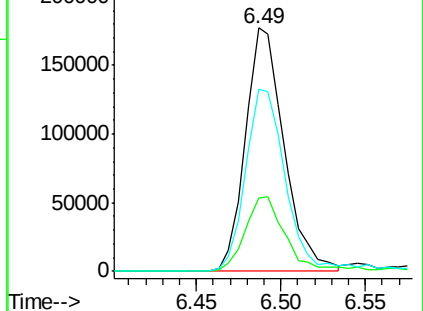
71 74.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011249.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM011249.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM011249.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

Tgt Ion: 136 Resp: 286270

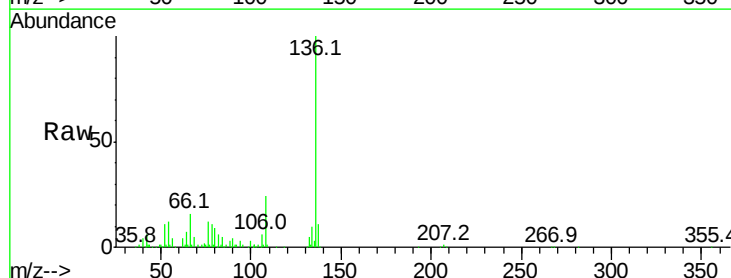
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.6 4.6 6.8#

68 5.3 3.7 5.5

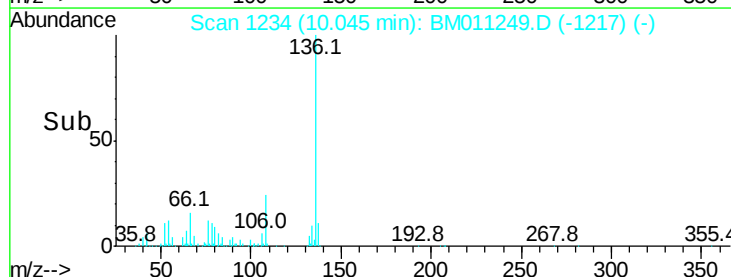
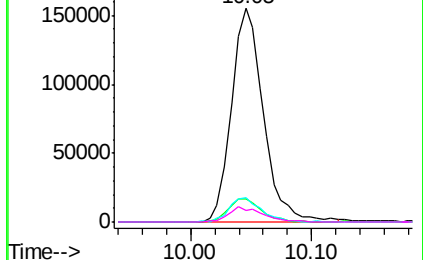


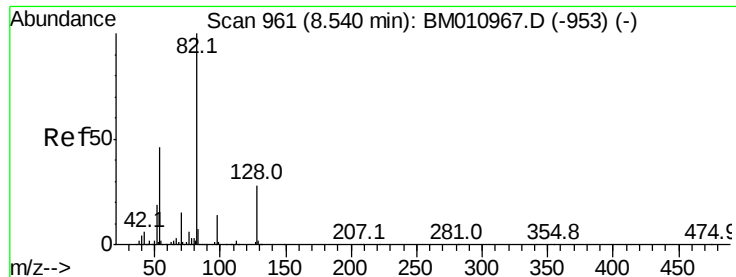
Abundance Ion 136.00 (135.70 to 136.70): BM011249.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011249.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011249.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011249.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 45.432 ng

RT: 8.43 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

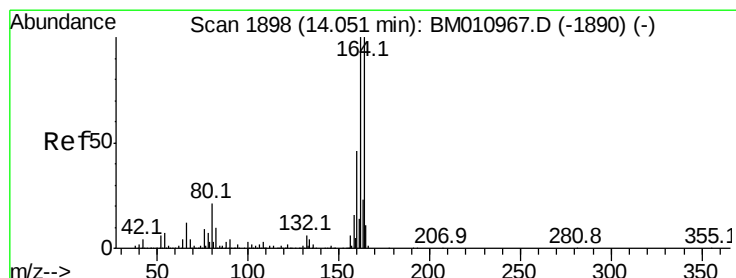
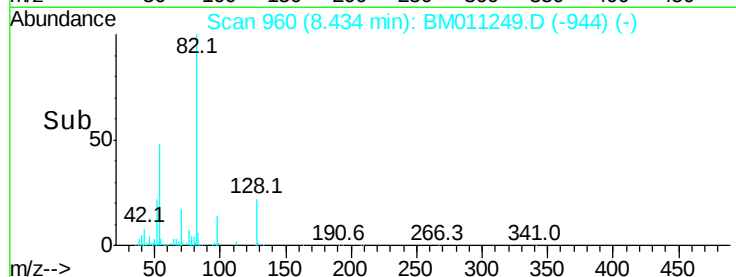
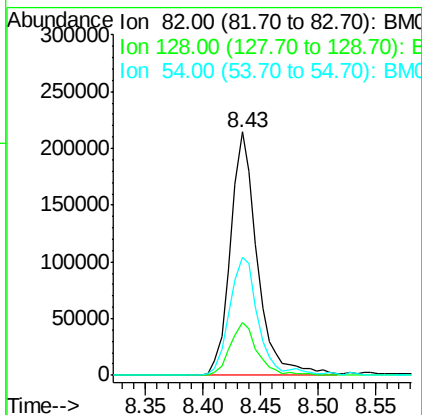
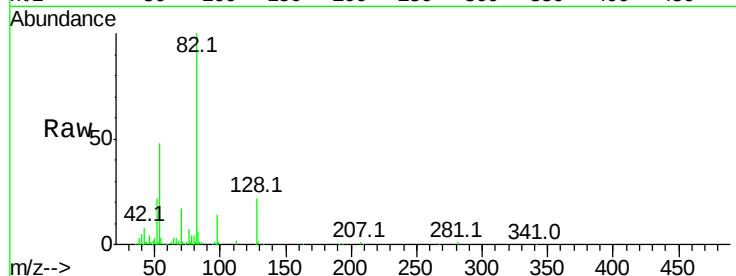
Tot Ion: 82 Resp: 346526

Ion Ratio Lower Upper

82 100

128 21.7 32.8 49.2#

54 48.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

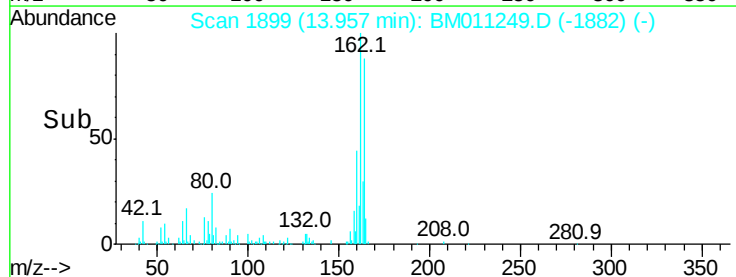
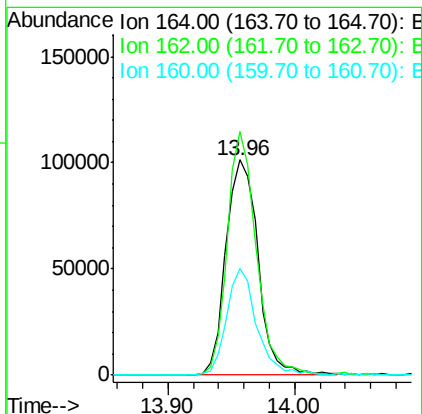
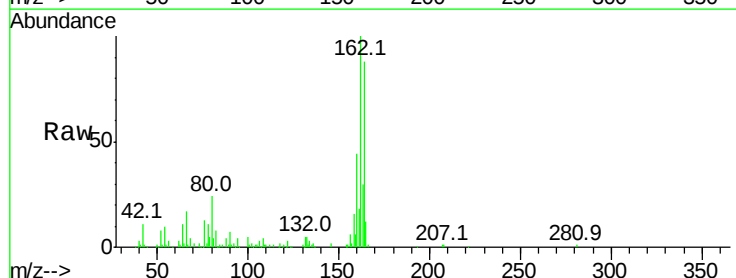
Tgt Ion:164 Resp: 177569

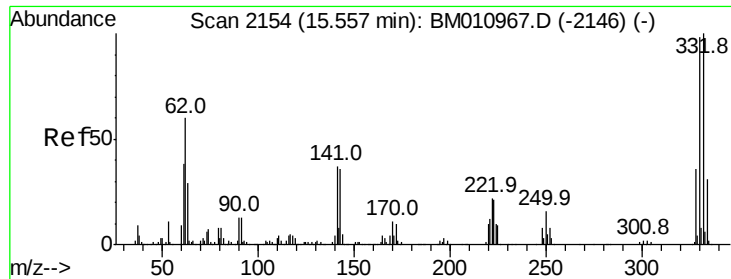
Ion Ratio Lower Upper

164 100

162 113.1 82.4 123.6

160 49.7 35.8 53.6

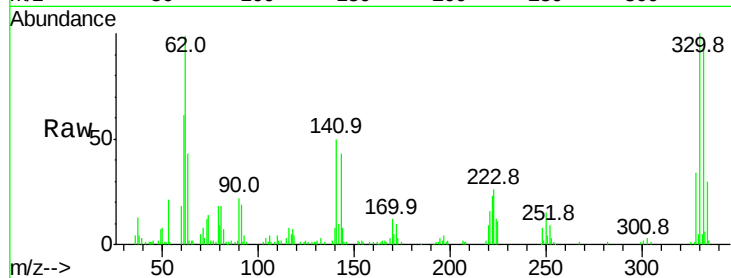




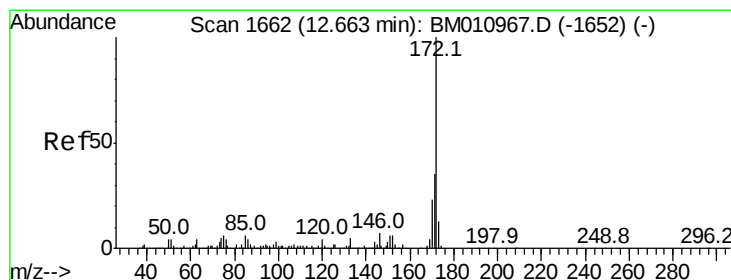
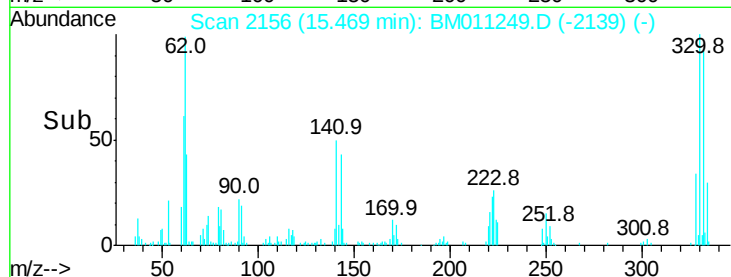
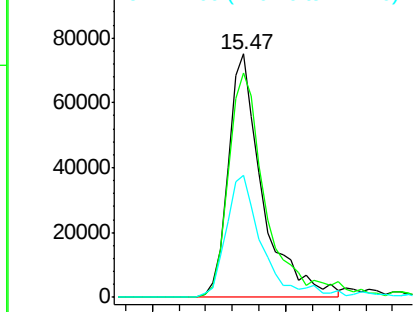
#41
 2,4,6-Tribromophenol
 Concen: 47.321 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011249.D
 Acq: 16 Aug 2017 00:52

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Tot Ion:330 Resp: 134678
 Ion Ratio Lower Upper
 330 100
 332 100.7 0.0 0.0#
 141 52.6 0.0 0.0#

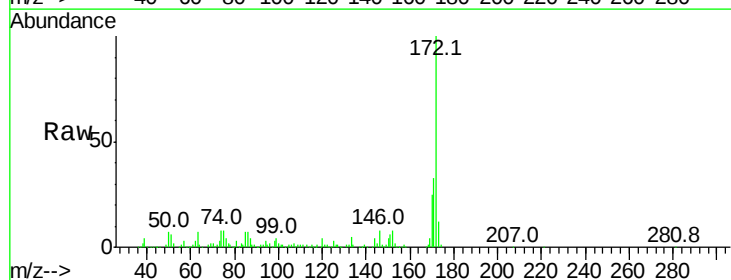


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

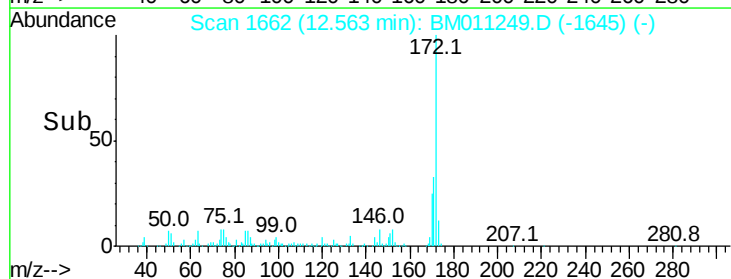
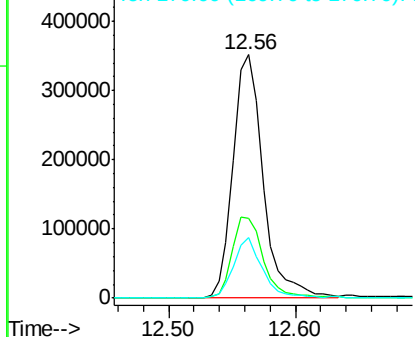


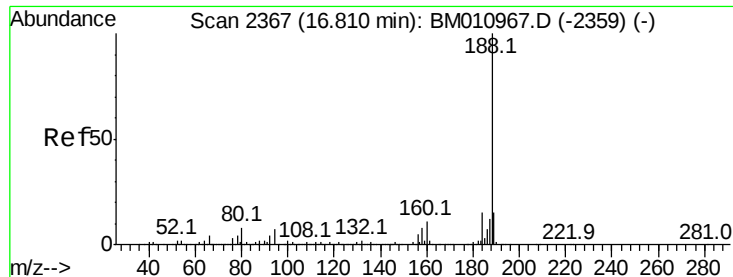
#44
 2-Fluorobiphenyl
 Concen: 40.997 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011249.D
 Acq: 16 Aug 2017 00:52

Tgt Ion:172 Resp: 580465
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.5 42.7
 170 25.1 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

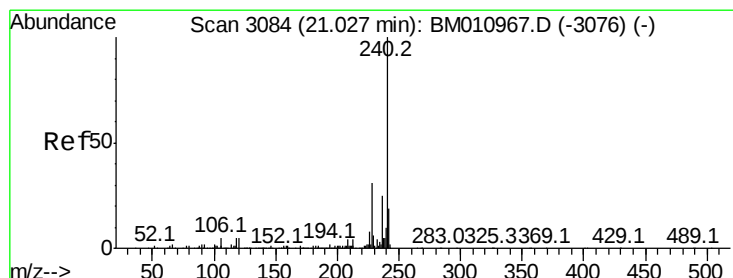
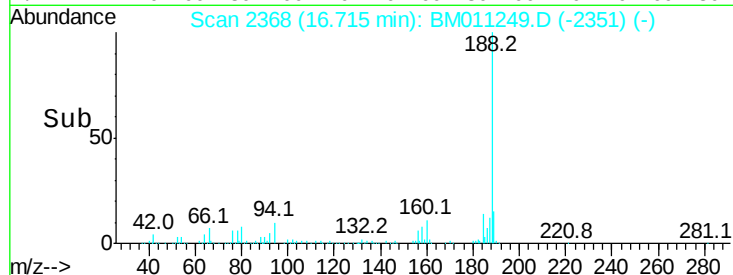
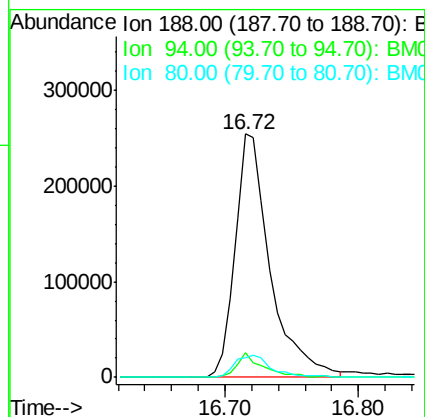
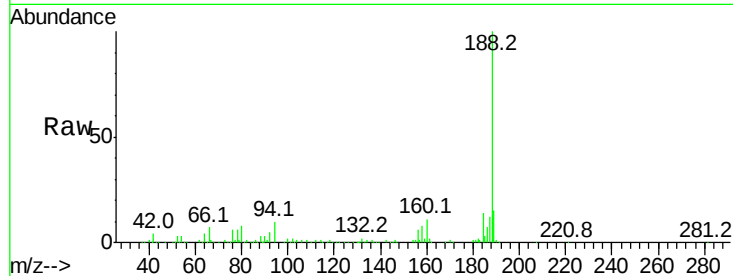




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011249.D
Acq: 16 Aug 2017 00:52

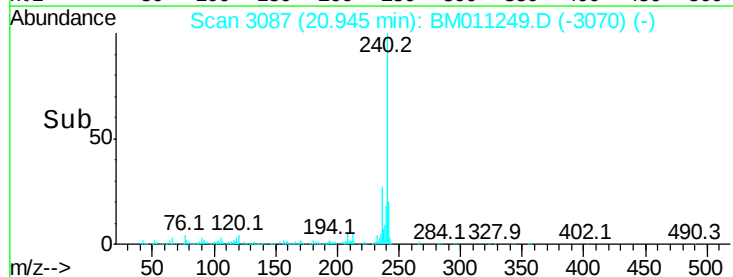
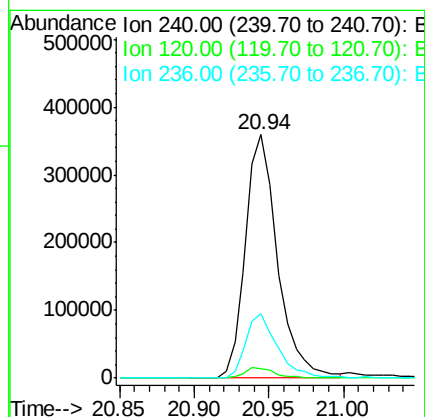
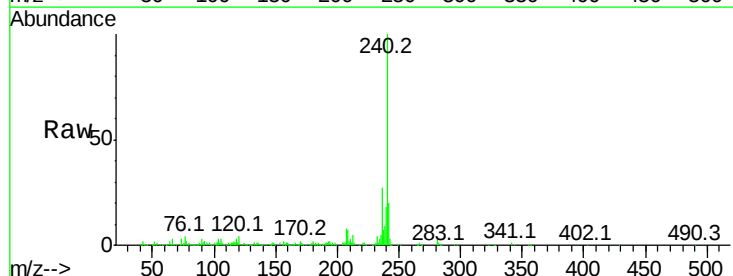
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

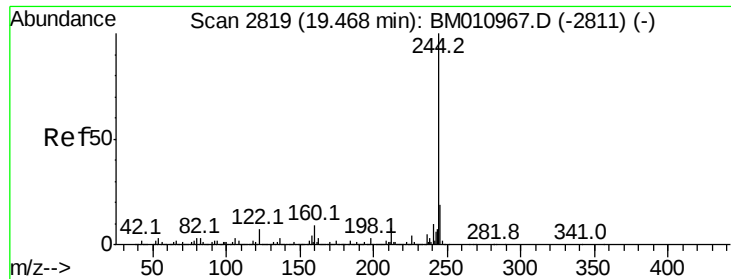
Tot Ion:188 Resp: 465211
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011249.D
Acq: 16 Aug 2017 00:52

Tgt Ion:240 Resp: 535079
Ion Ratio Lower Upper
240 100
120 3.9 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 40.935 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

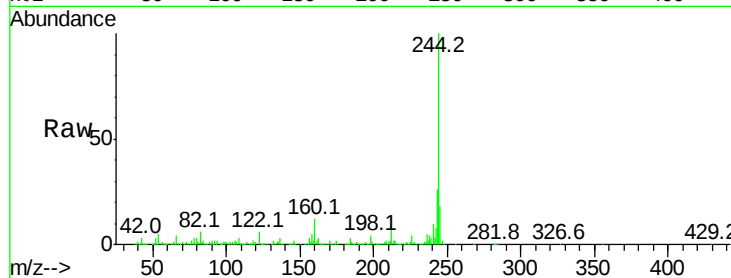
Tot Ion:244 Resp: 1105756

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

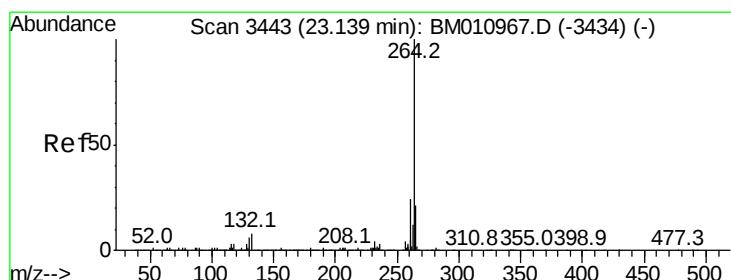
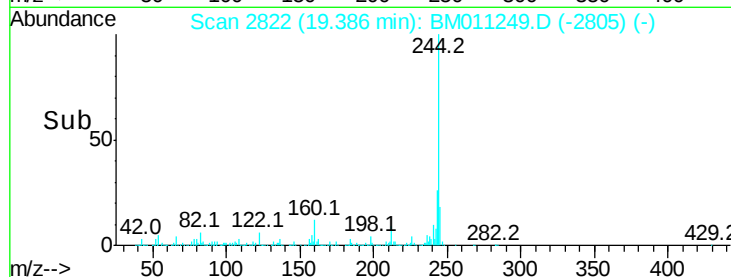
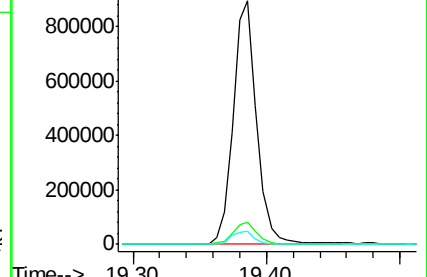
122 5.6 6.2 9.4#



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: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011249.D

Acq: 16 Aug 2017 00:52

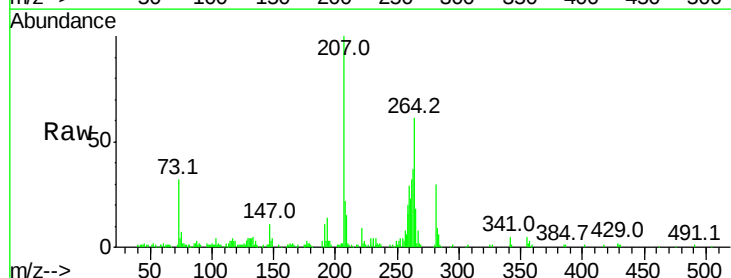
Tgt Ion:264 Resp: 112997

Ion Ratio Lower Upper

264 100

260 47.8 18.6 27.8#

265 29.6 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

