

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011150.D
 Acq On : 05 Aug 2017 19:56
 Operator : SJ/JU
 Sample : I4555-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2043

Quant Time: Aug 06 01:20:16 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	134182	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	478826	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	363433	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	959793	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1248784	20.00	ng	-0.06
86) Perylene-d12	23.05	264	558545	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	976078	122.97	ng	-0.07
7) Phenol-d6	6.52	99	1189345	105.46	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1138306	89.22	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	741812	127.35	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2155004	74.36	ng	-0.08
78) Terphenyl-d14	19.41	244	4664401	73.99	ng	-0.06

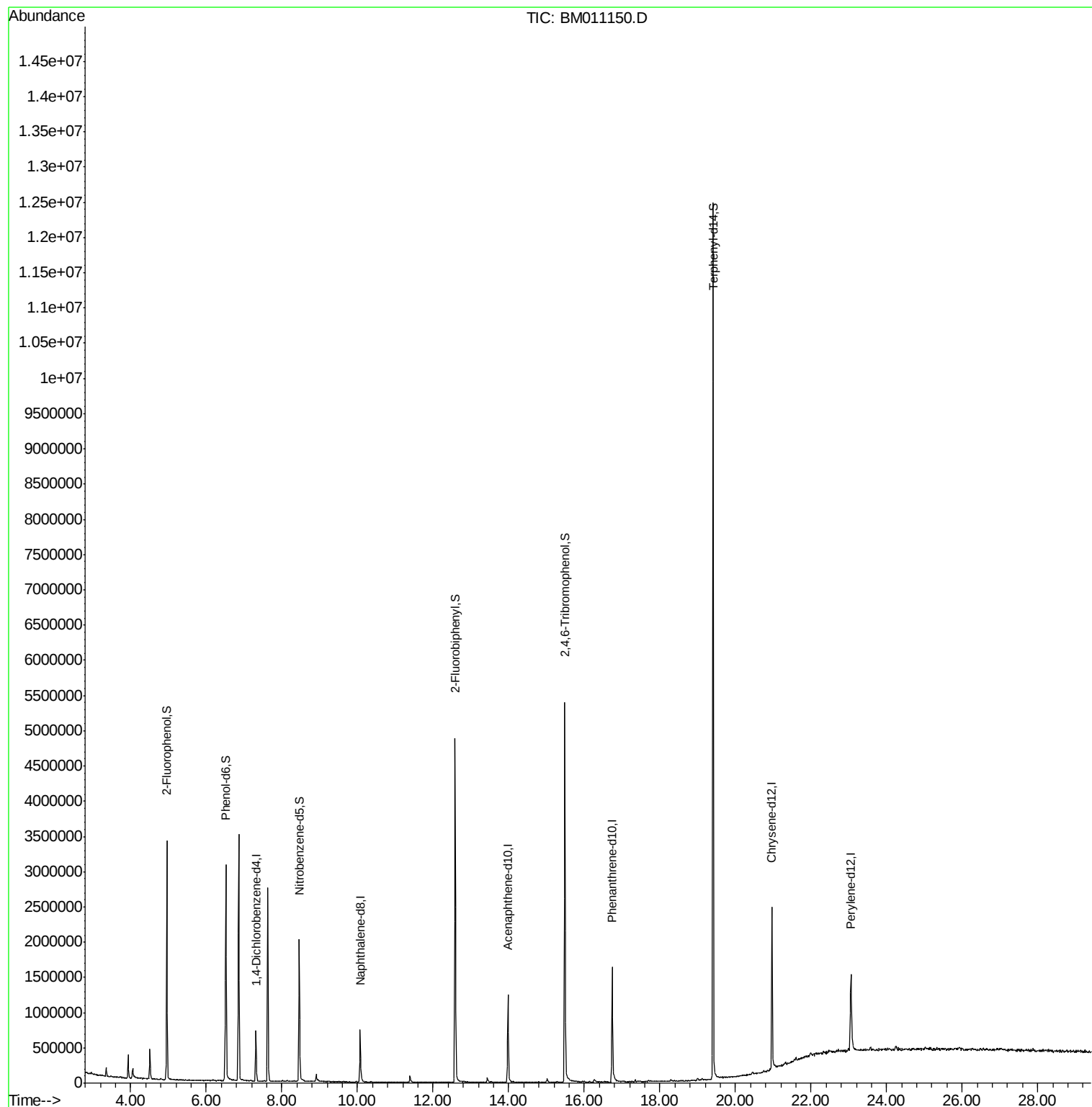
Target Compounds Qvalue

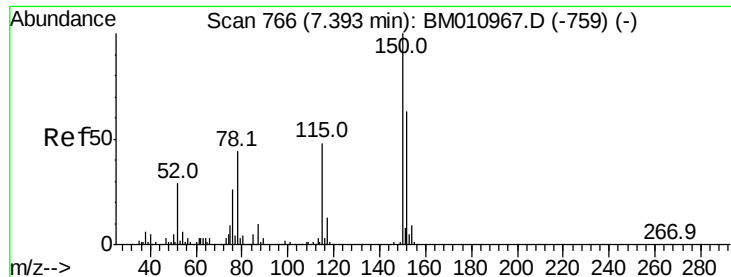
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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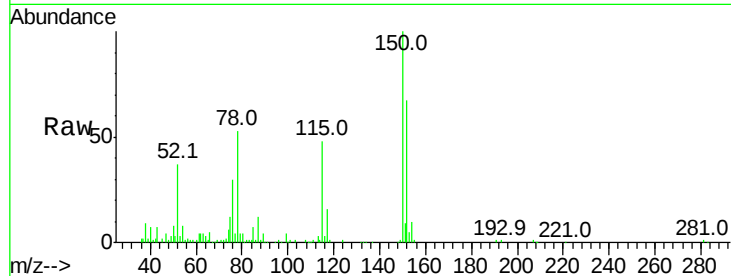


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011150.D
Acq: 05 Aug 2017 19:56

Instrument :
BNA_M
ClientSampleId :
2043

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	119.5	179.3
115	70.8	43.0	64.4

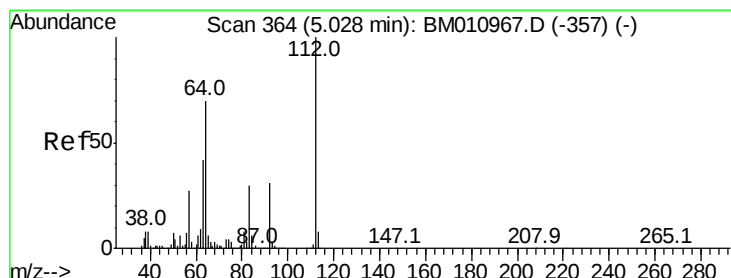
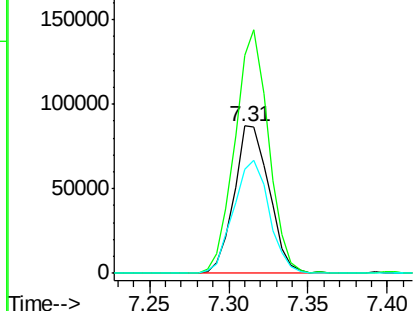
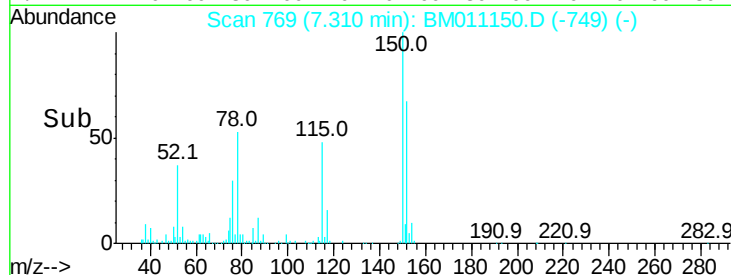


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

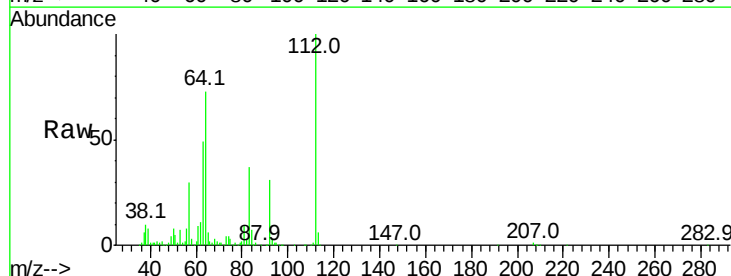
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.967 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011150.D
Acq: 05 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	38.6	57.8
63	49.0	19.3	28.9

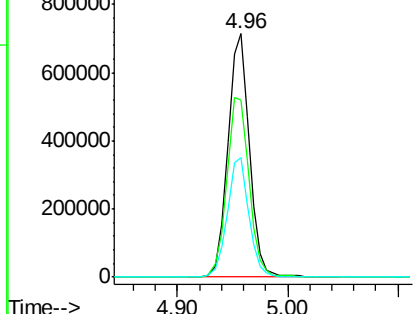
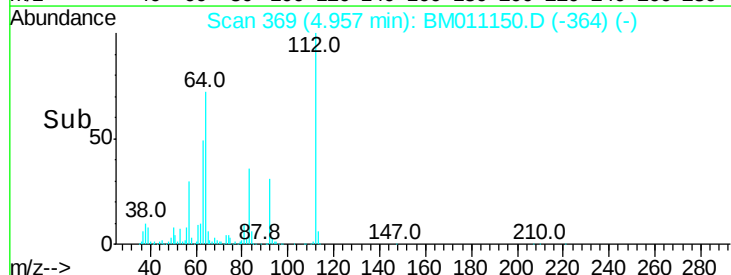


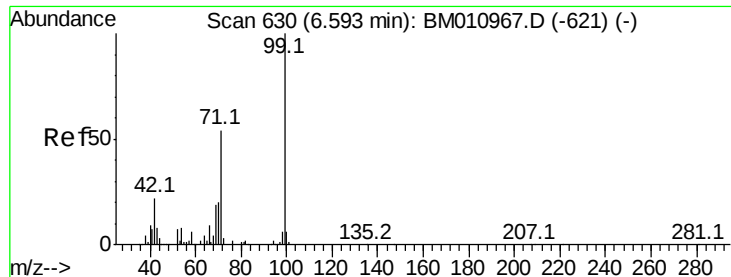
Abundance

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: 105.457 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

2043

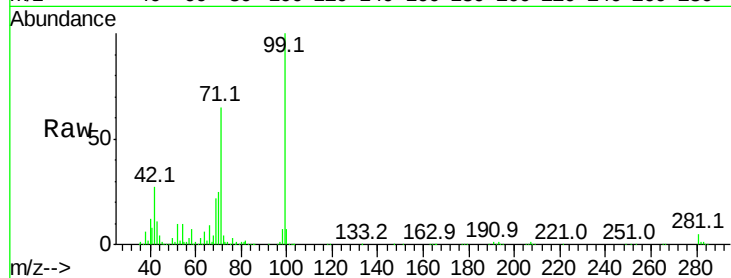
Tot Ion: 99 Resp: 1189345

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

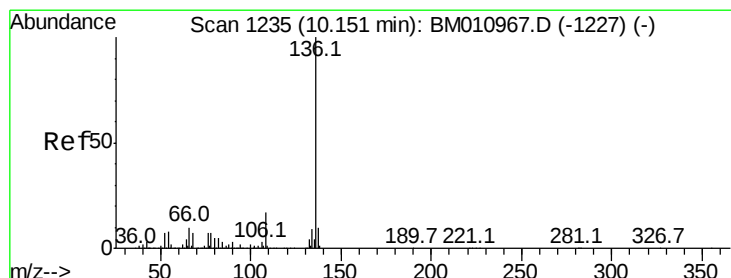
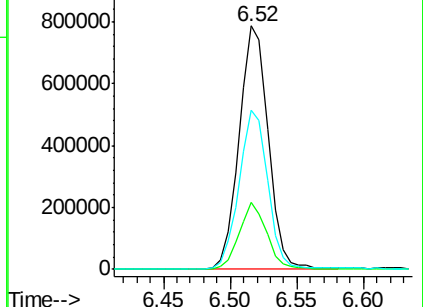
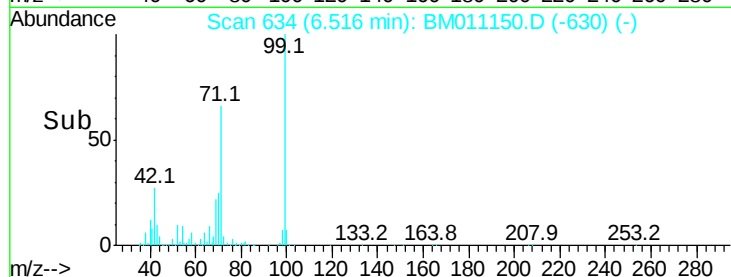
71 65.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011150.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011150.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011150.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

Tgt Ion: 136 Resp: 478826

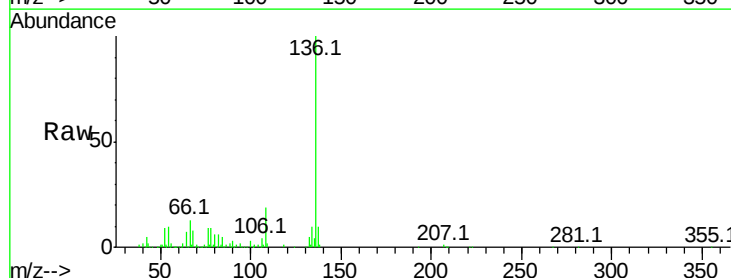
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 10.3 4.6 6.8#

68 7.6 3.7 5.5#

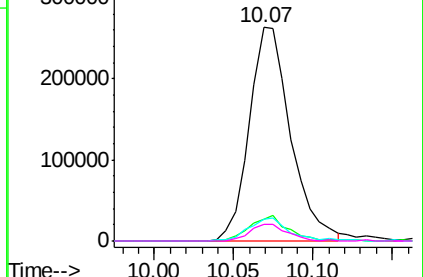
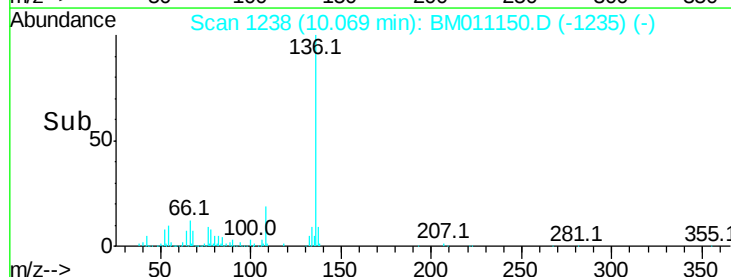


Abundance Ion 136.00 (135.70 to 136.70): BM011150.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011150.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011150.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011150.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 89.223 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

2043

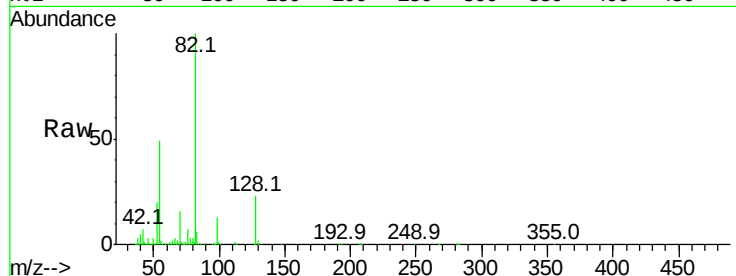
Tot Ion: 82 Resp: 1138306

Ion Ratio Lower Upper

82 100

128 23.3 32.8 49.2#

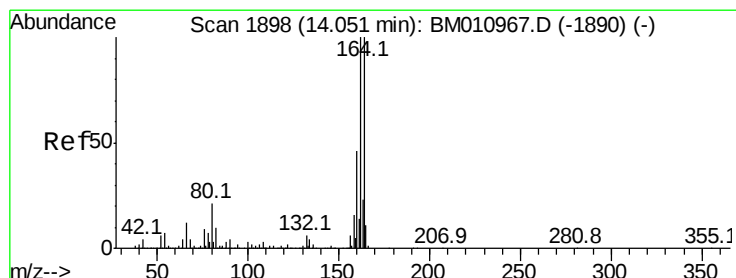
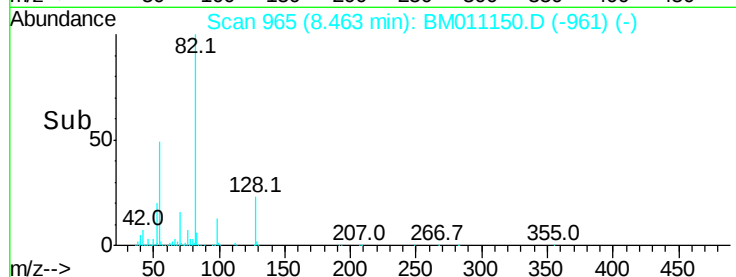
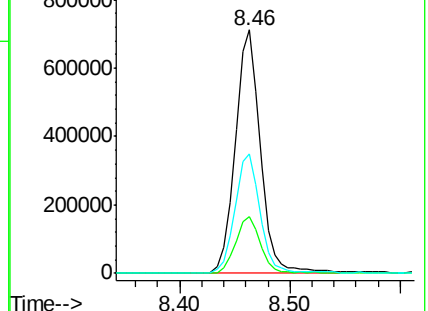
54 49.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011150.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011150.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011150.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1903

Delta R.T. -0.07 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

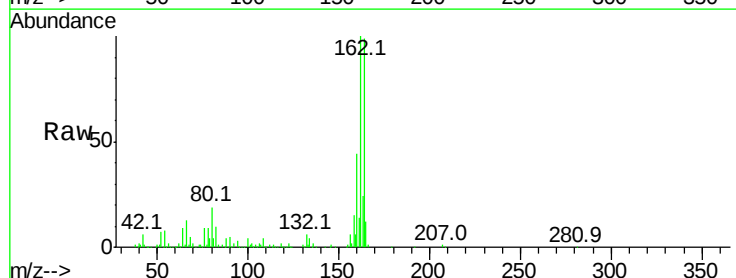
Tgt Ion: 164 Resp: 363433

Ion Ratio Lower Upper

164 100

162 101.1 82.4 123.6

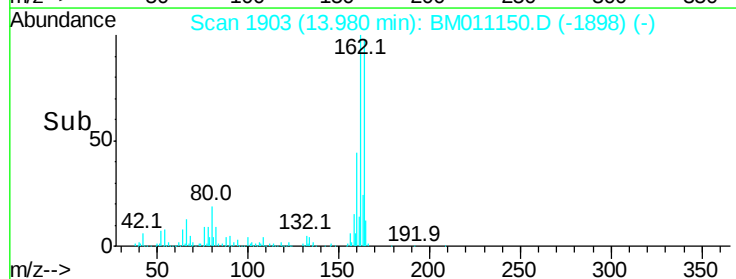
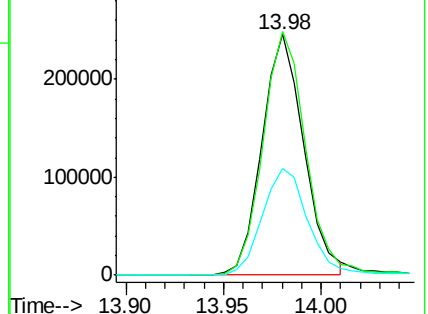
160 44.1 35.8 53.6

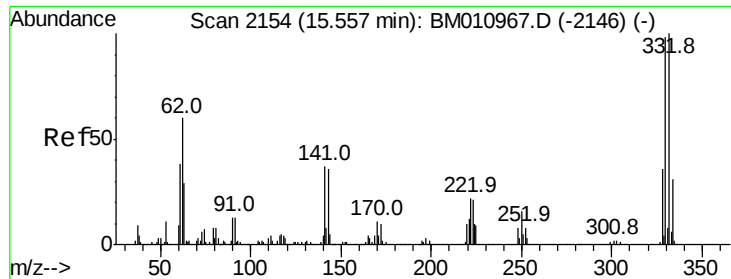


Abundance Ion 164.00 (163.70 to 164.70): BM011150.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011150.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011150.D (-1898) (-)

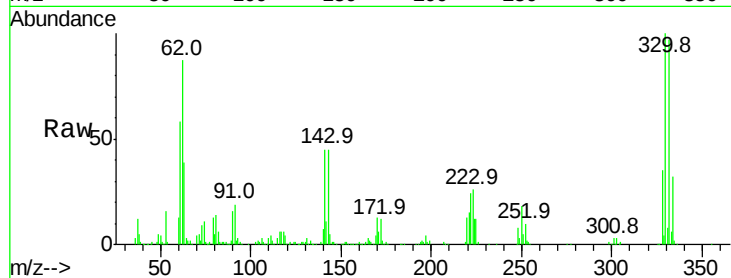




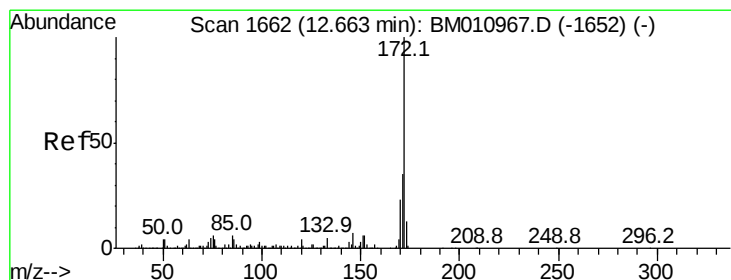
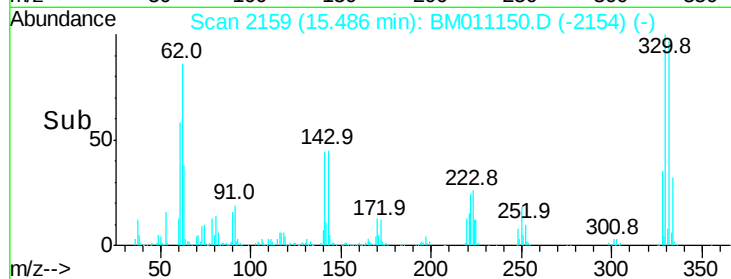
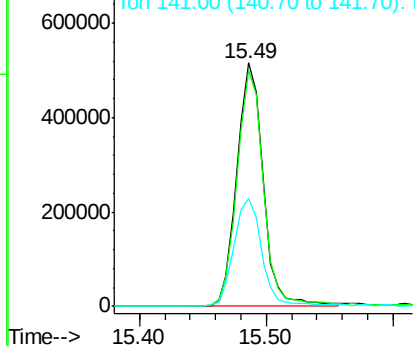
#41
 2,4,6-Tribromophenol
 Concen: 127.348 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampled :
 2043

Tot Ion:330 Resp: 741812
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 46.8 0.0 0.0#

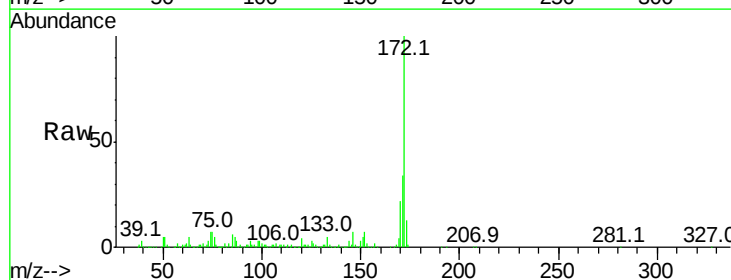


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

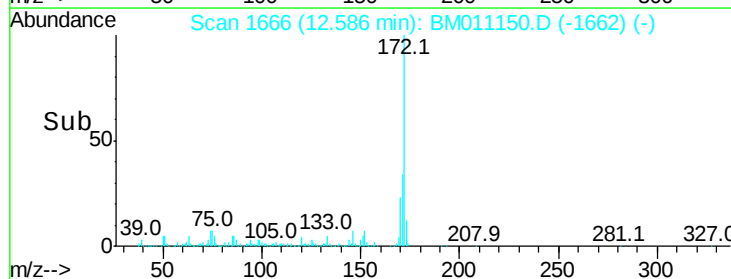
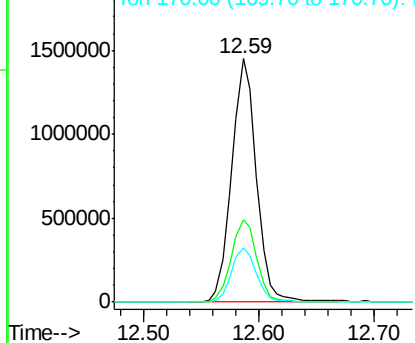


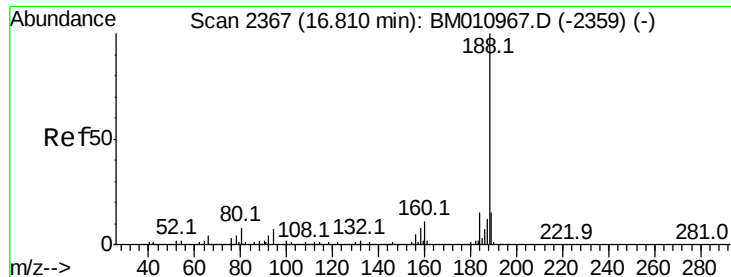
#44
 2-Fluorobiphenyl
 Concen: 74.365 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Tgt Ion:172 Resp: 2155004
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.4 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

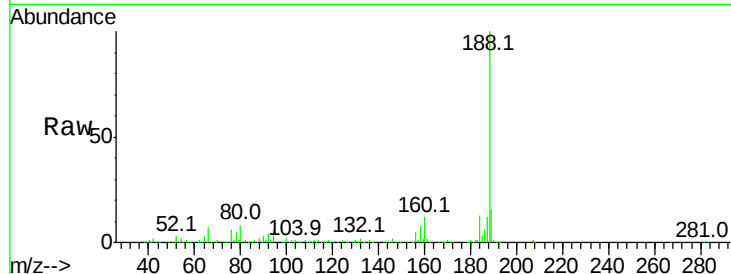




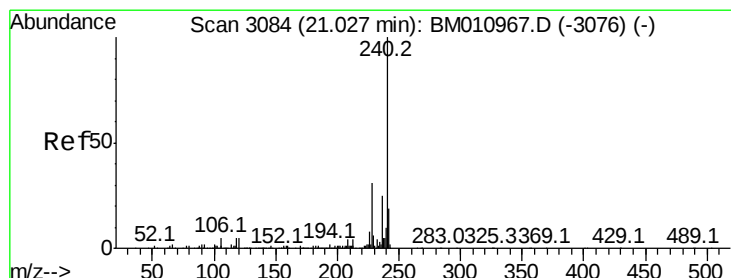
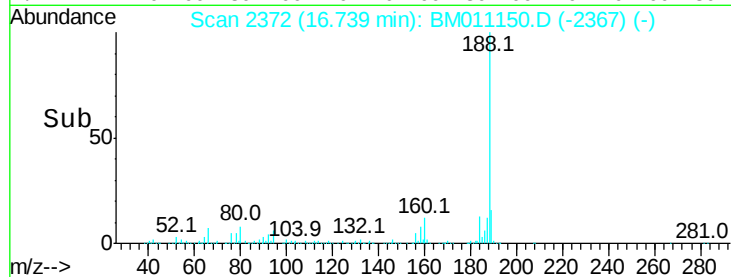
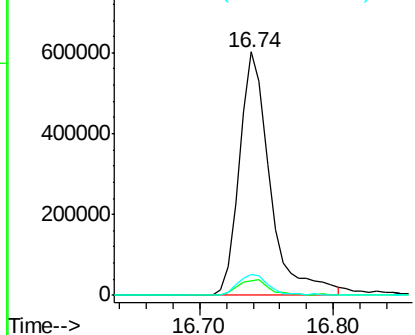
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011150.D
Acq: 05 Aug 2017 19:56

Instrument :
BNA_M
ClientSampleId :
2043

Tot Ion:188 Resp: 959793
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.4 9.3 13.9#

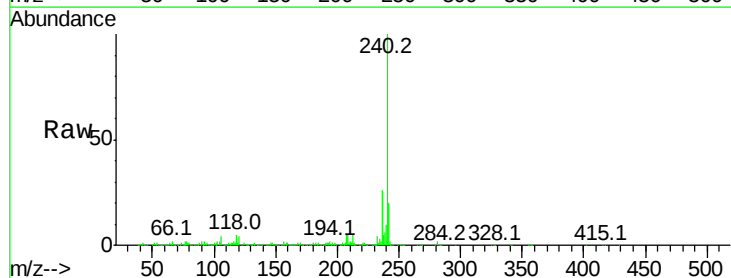


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BMO
Ion 80.00 (79.70 to 80.70): BMO

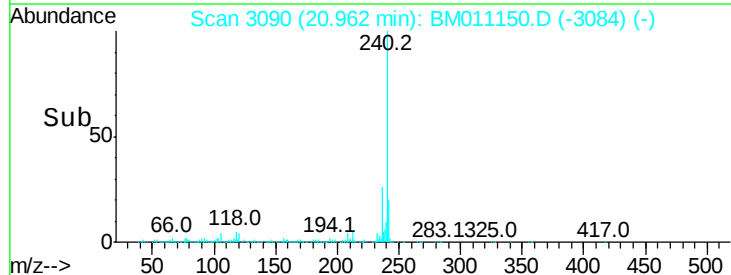
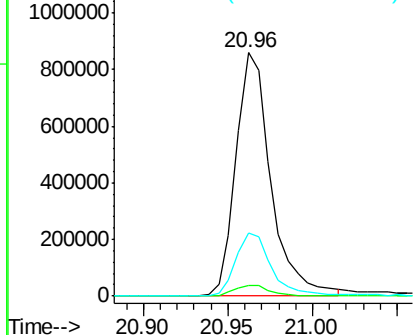


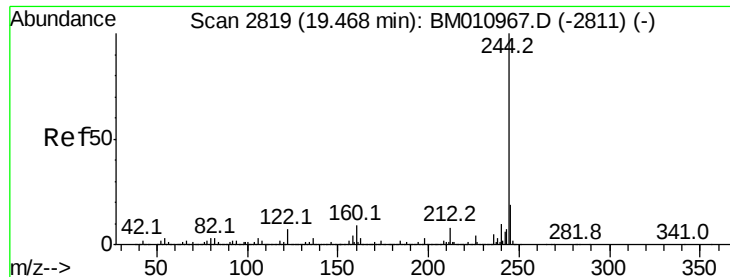
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011150.D
Acq: 05 Aug 2017 19:56

Tgt Ion:240 Resp: 1248784
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 26.1 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: 73.989 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

Instrument :

BNA_M

ClientSampled :

2043

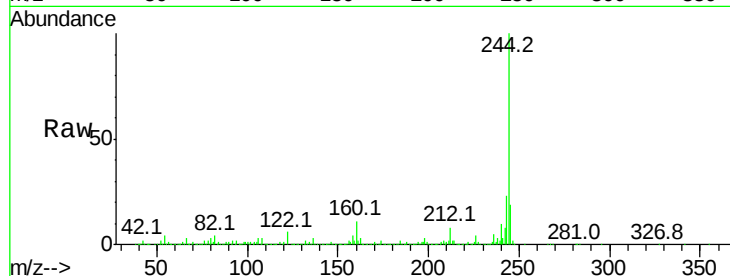
Tot Ion:244 Resp: 4664401

Ion Ratio Lower Upper

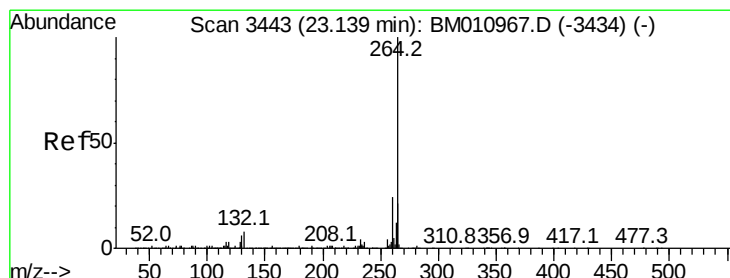
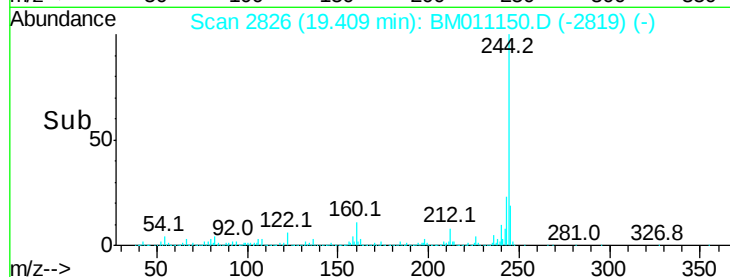
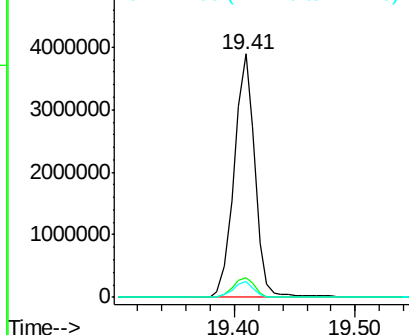
244 100

212 8.3 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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011150.D

Acq: 05 Aug 2017 19:56

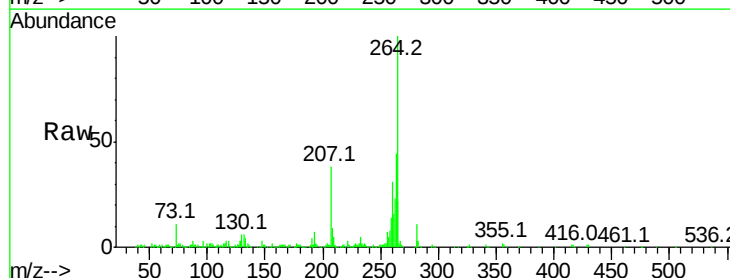
Tgt Ion:264 Resp: 558545

Ion Ratio Lower Upper

264 100

260 30.7 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

