

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
 Data File : BM011150.D
 Acq On : 05 Aug 2017 19:56
 Operator : SJ/JU
 Sample : I4555-13RE
 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

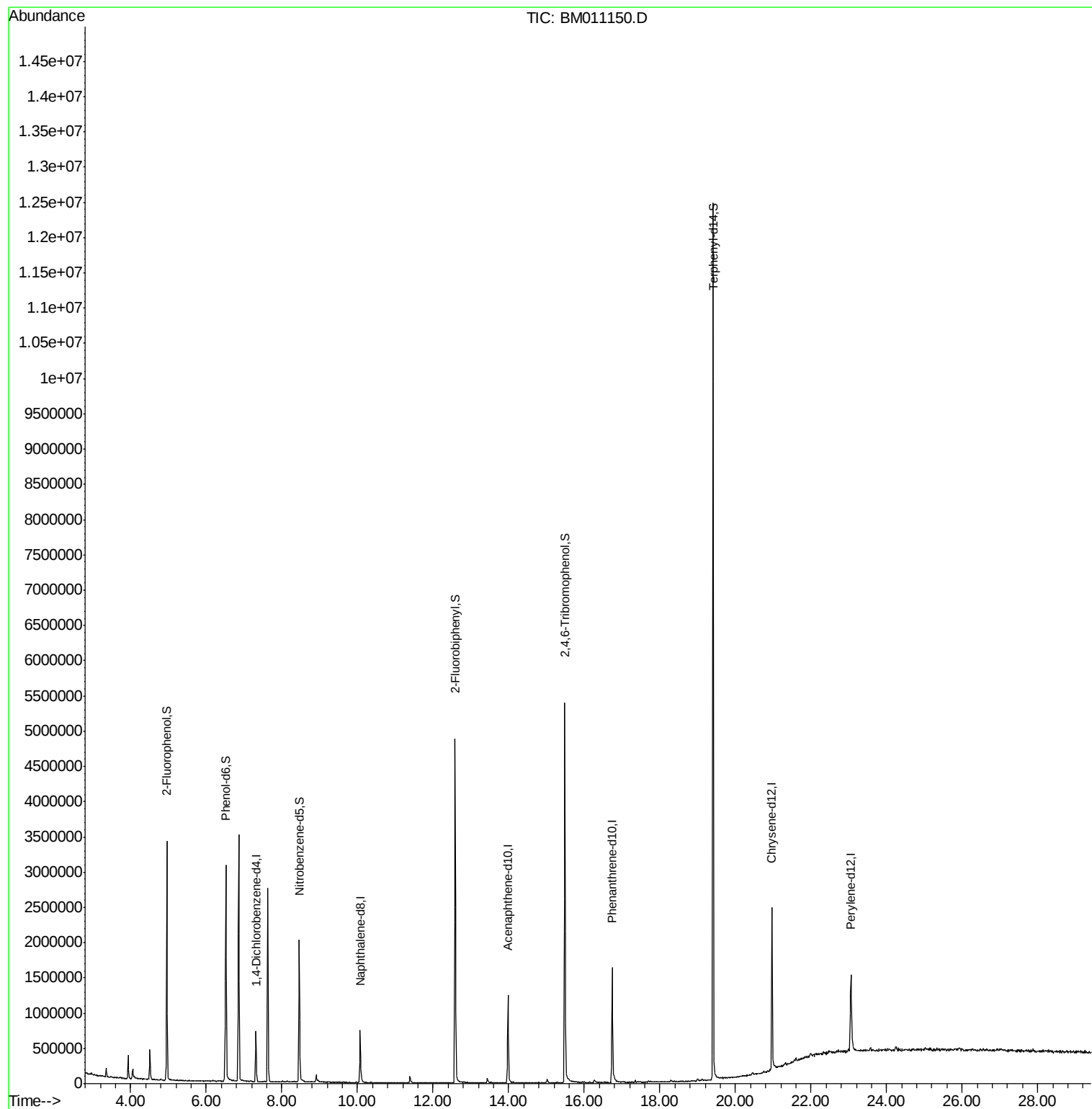
Target Compounds	Qvalue
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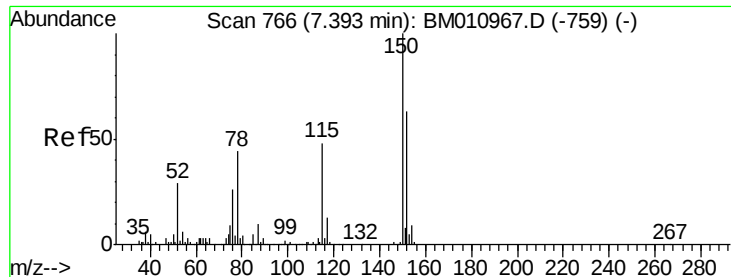
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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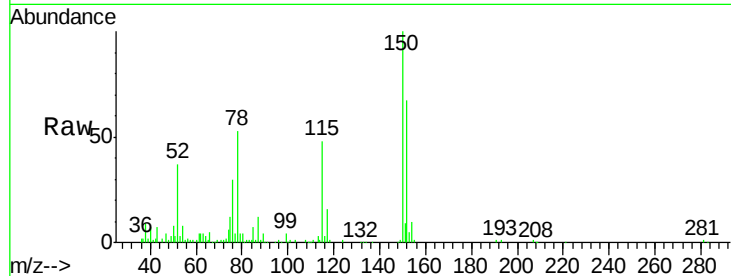


#1

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

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

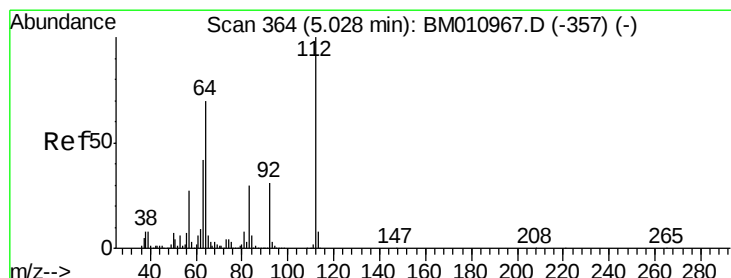
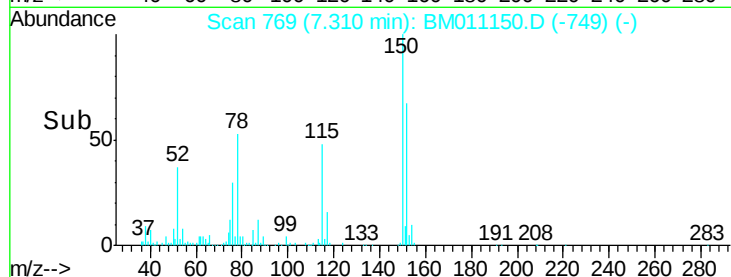
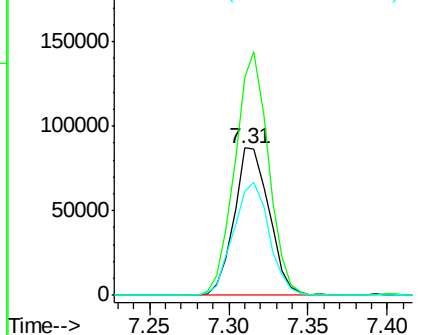


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

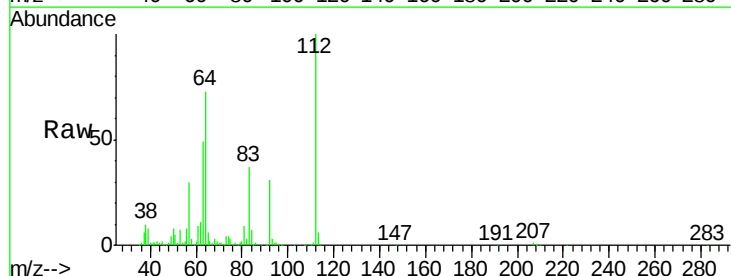
Ion 115.00 (114.70 to 115.70): E



#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

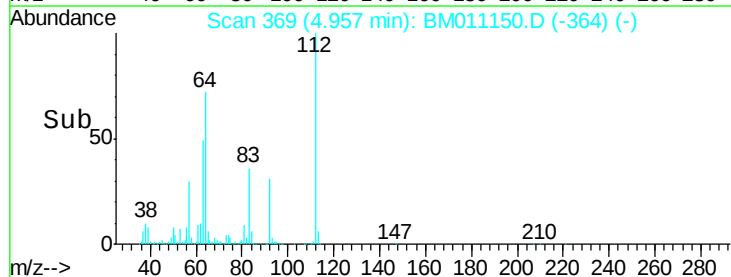
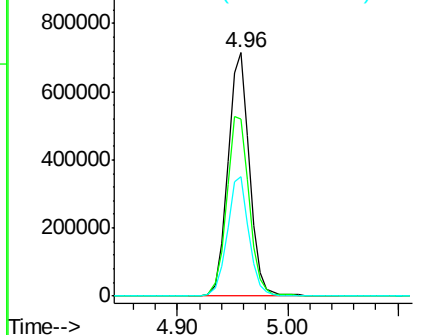


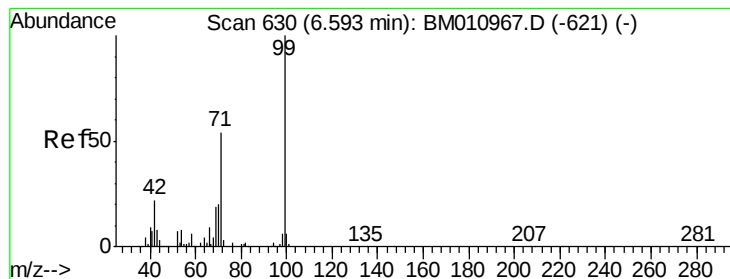
Abundance

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

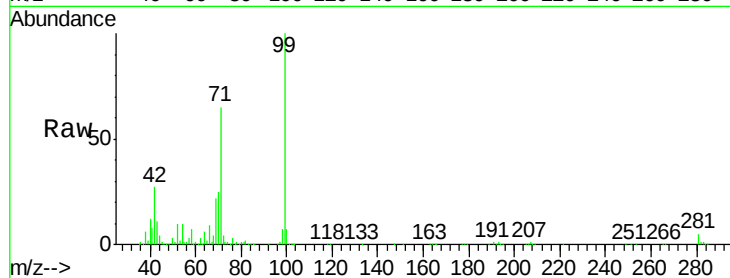
Tgt Ion: 99 Resp: 1189345

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

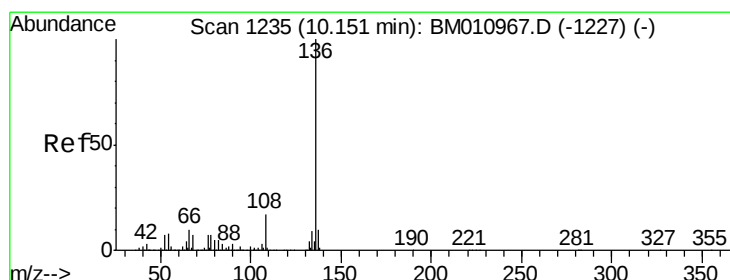
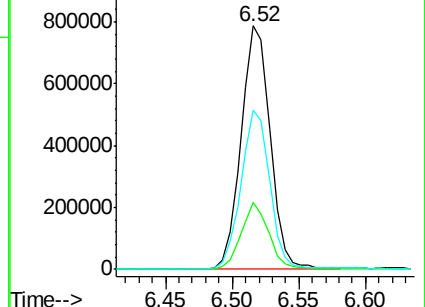
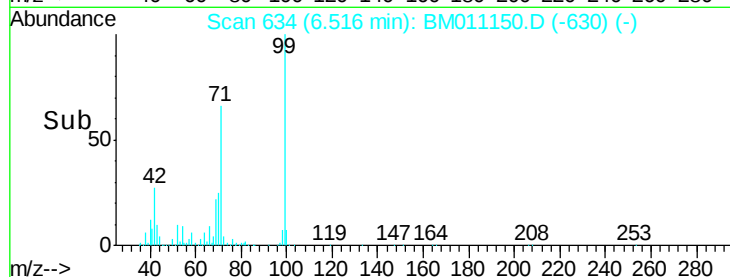
71 65.5 23.4 35.2#



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

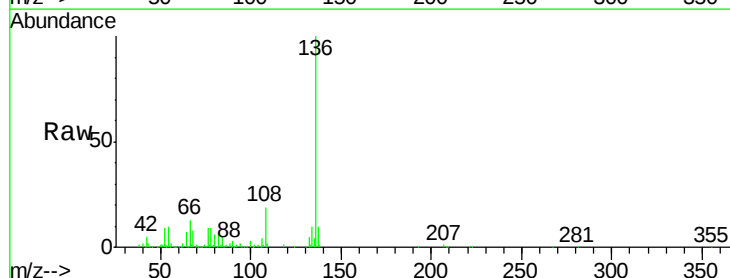
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 10.3 4.6 6.8#

68 7.6 3.7 5.5#

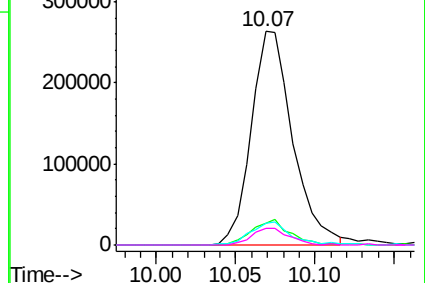
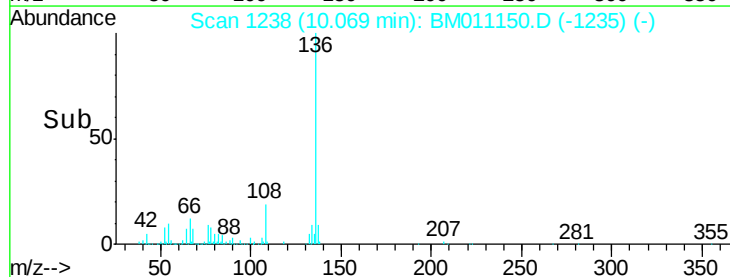


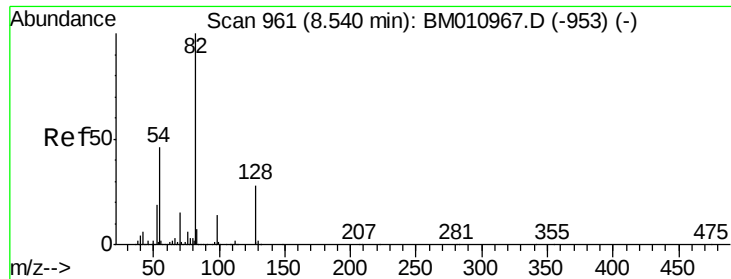
Abundance Ion 136.00 (135.70 to 136.70): BM011150.D (-1235) (-)

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) (-)



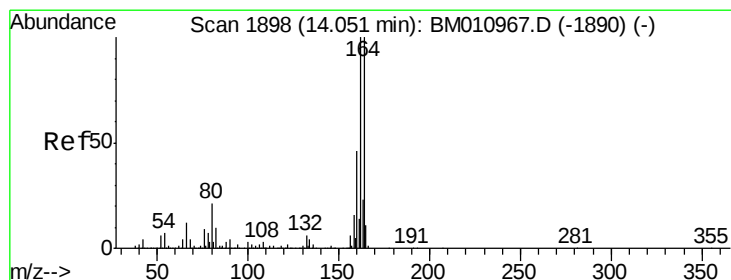
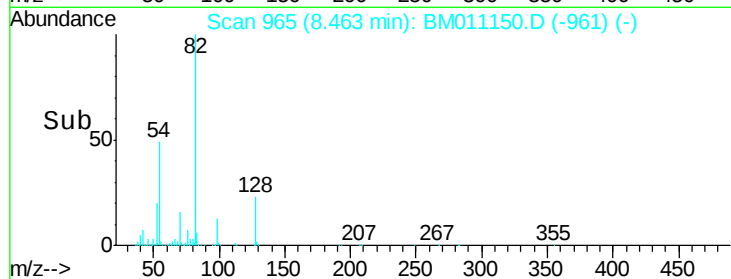
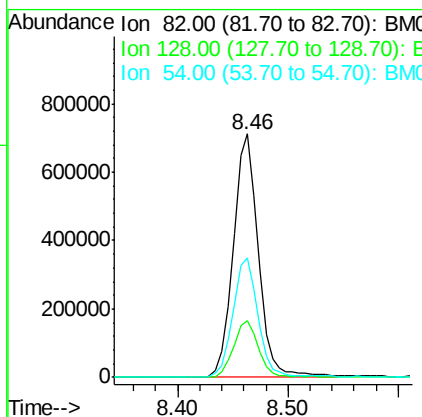
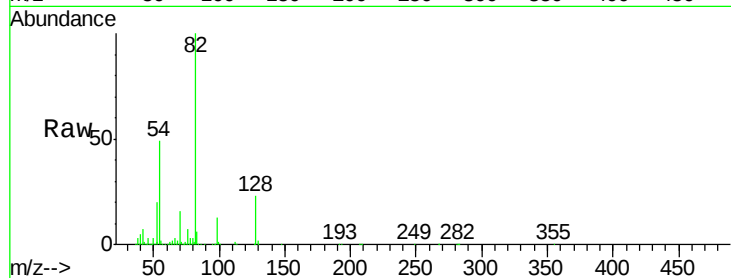


#23
 Nitrobenzene-d5
 Concen: 89.223 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampleId :
 2043

Tgt Ion: 82 Resp: 1138306

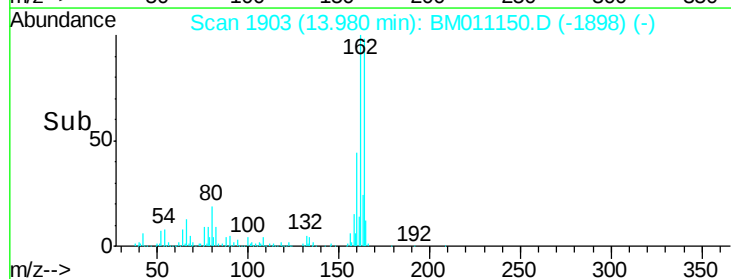
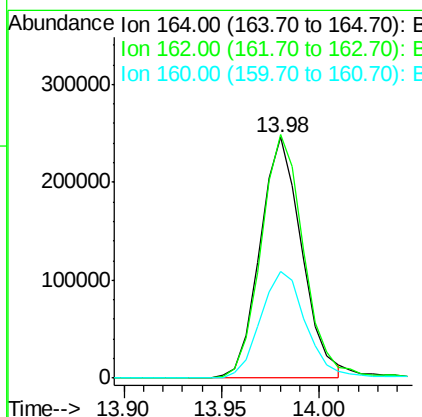
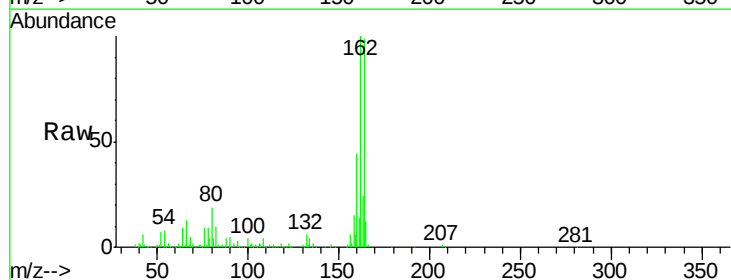
Ion	Ratio	Lower	Upper
82	100		
128	23.3	32.8	49.2#
54	49.2	40.6	60.8

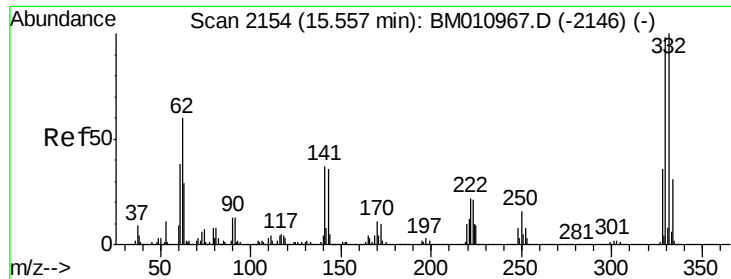


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

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

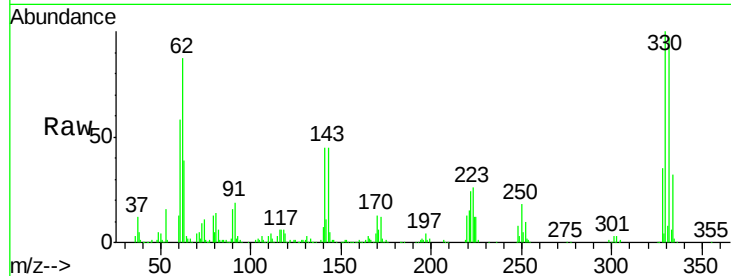




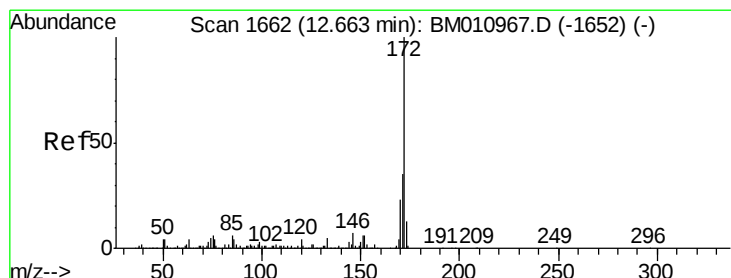
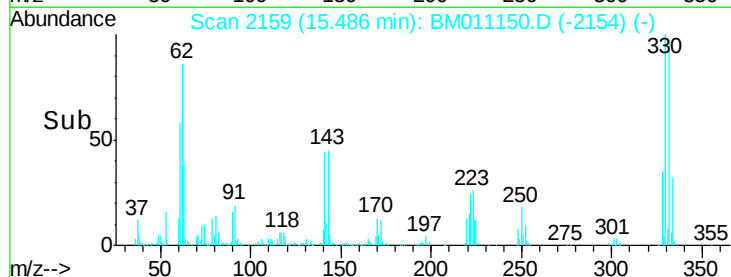
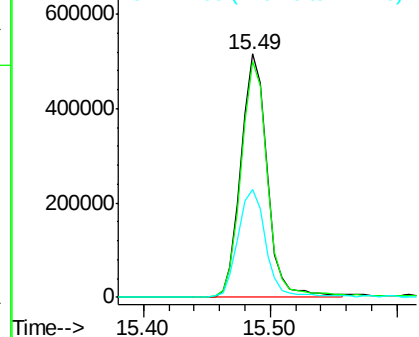
#41
 2,4,6-Tribromophenol
 Concen: 127.348 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampleId :
 2043

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	0.0	0.0	0.0
141	46.8	0.0	0.0	0.0

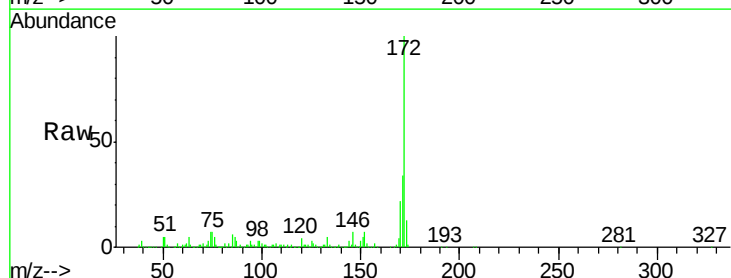


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

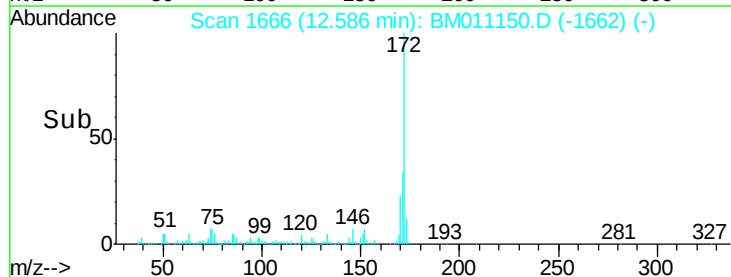
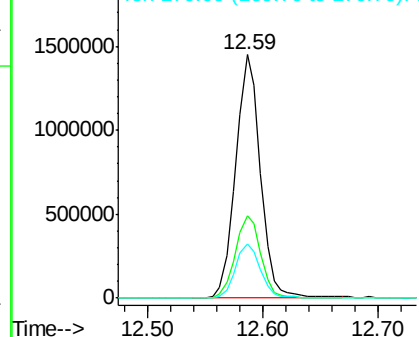


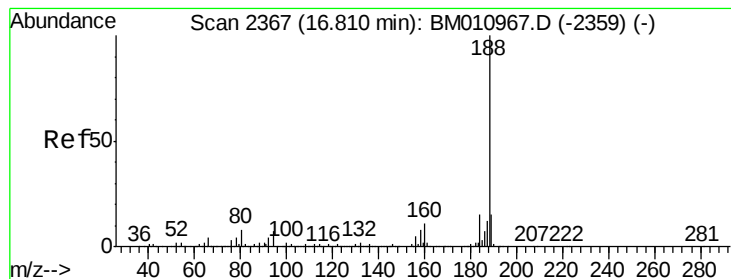
#44
 2-Fluorobiphenyl
 Concen: 74.365 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Tgt Ion	Ratio	Resp	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

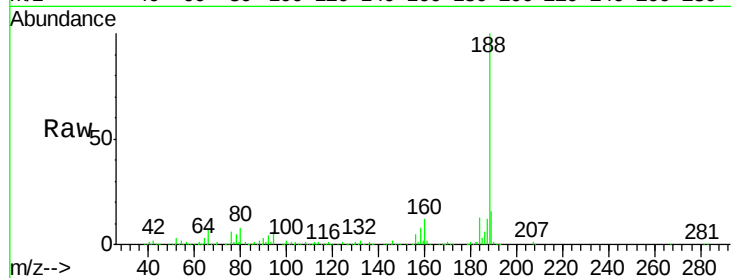
Tgt Ion:188 Resp: 959793

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

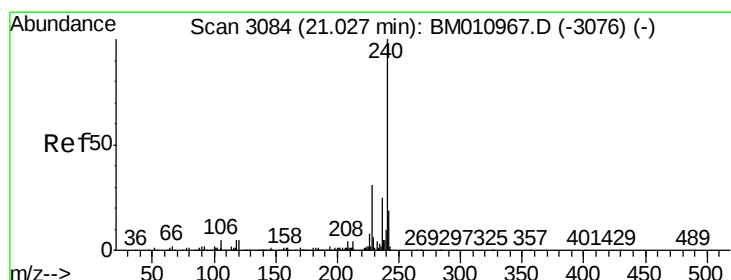
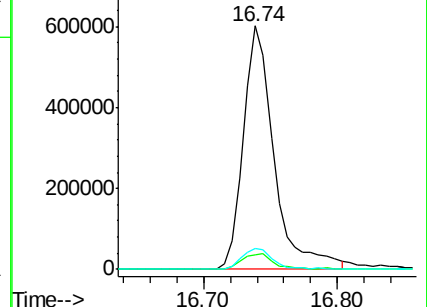
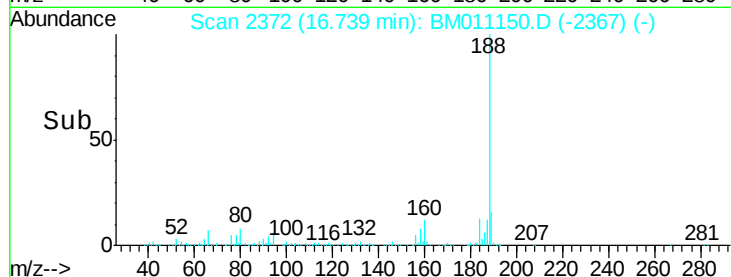
80 8.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM011150.D

Acq: 05 Aug 2017 19:56

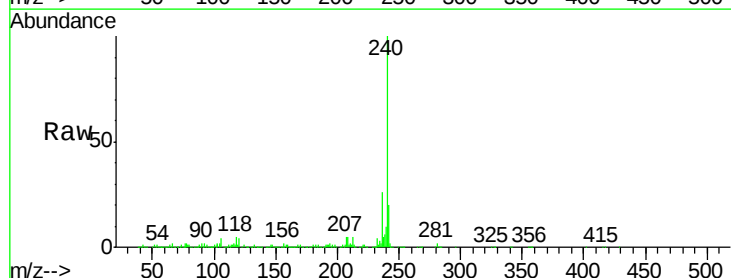
Tgt Ion:240 Resp: 1248784

Ion Ratio Lower Upper

240 100

120 4.2 8.2 12.2#

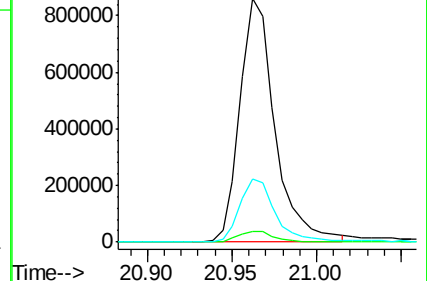
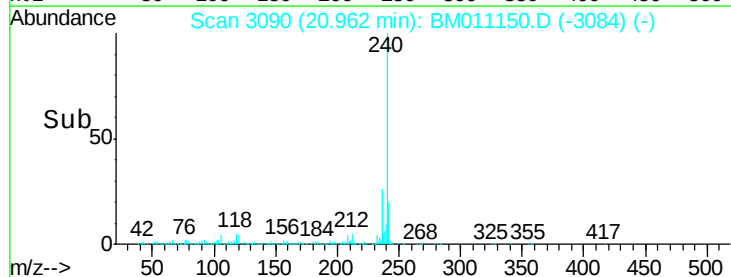
236 26.1 20.0 30.0

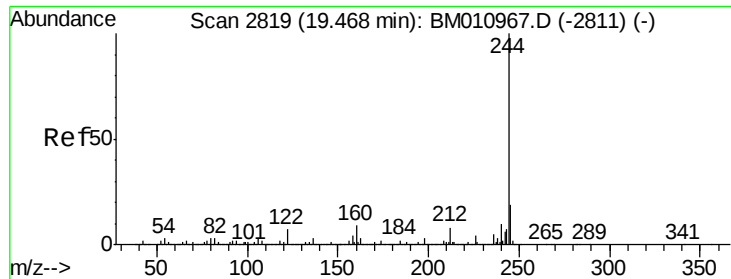


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

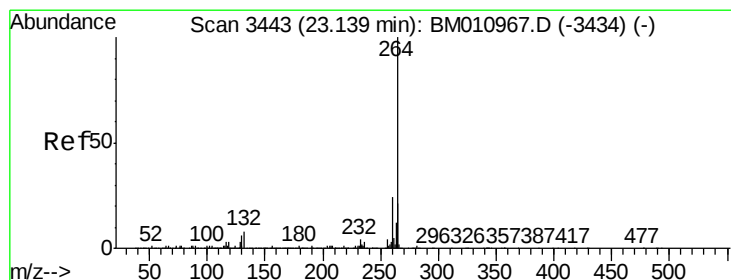
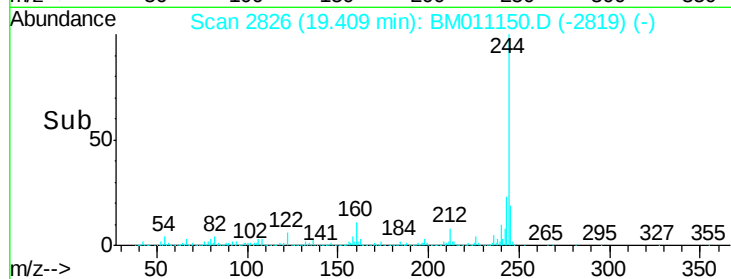
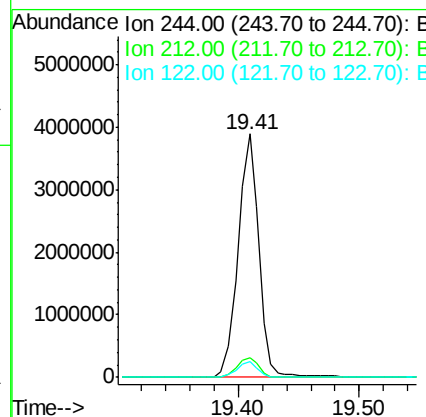
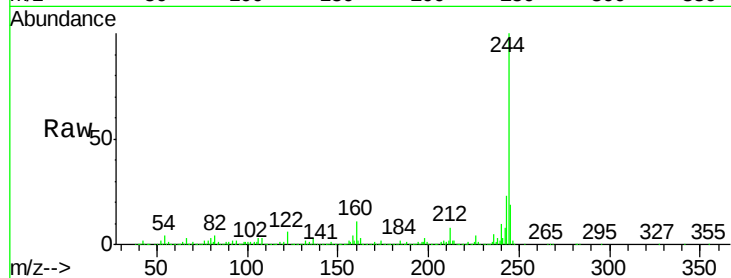




#78
 Terphenyl-d14
 Concen: 73.989 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011150.D
 Acq: 05 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampled :
 2043

Tgt Ion:244 Resp: 4664401
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 6.3 6.2 9.4



#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

