

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
 Data File : BM011312.D
 Acq On : 19 Aug 2017 11:24
 Operator : SJ/JU
 Sample : PB101645TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101645TB

Quant Time: Aug 21 01:57:37 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	7.27	152	185558	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	660898	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	418297	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	954166	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1092155	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1084702	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	1289963	117.52	ng	-0.02
7) Phenol-d6	6.47	99	1803604	115.64	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1540125	87.46	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	646421	96.42	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2565876	76.93	ng	-0.02
78) Terphenyl-d14	19.37	244	3699478	67.10	ng	-0.02

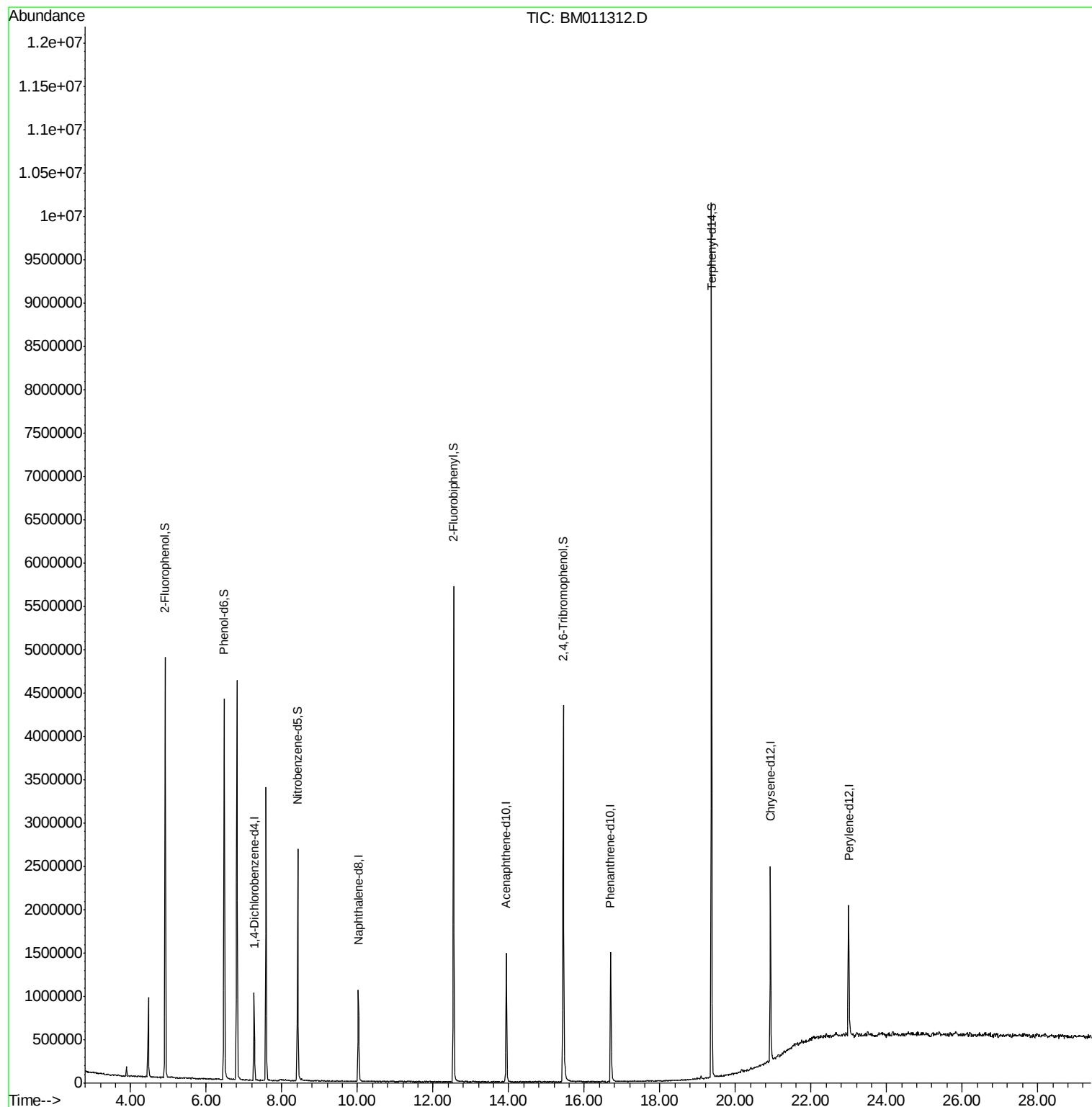
Target Compounds	Qvalue
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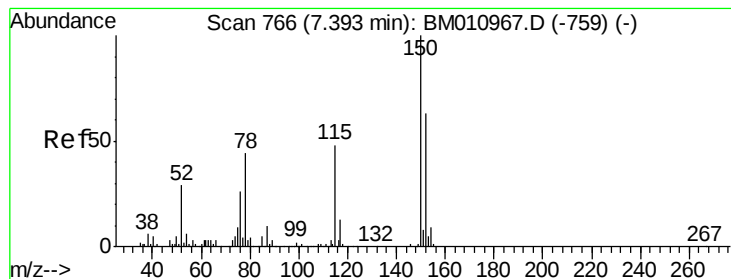
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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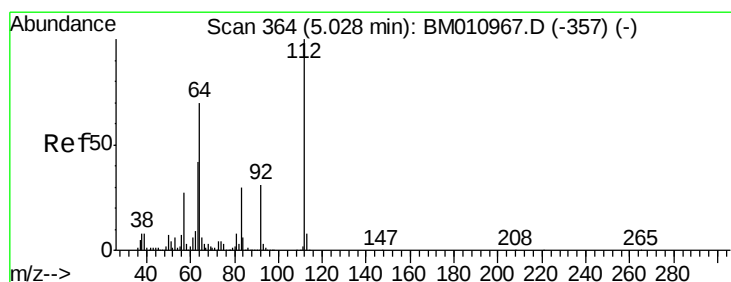
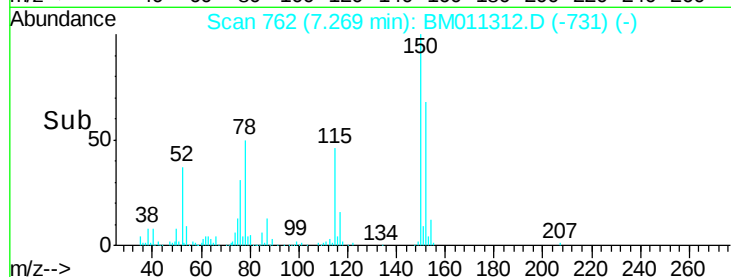
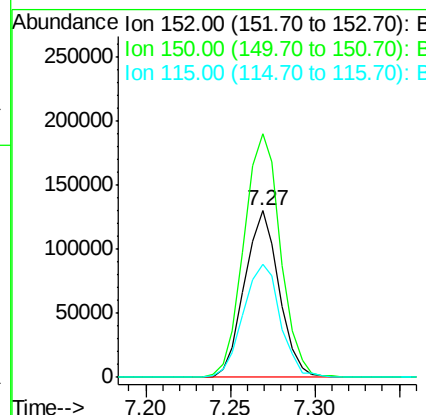
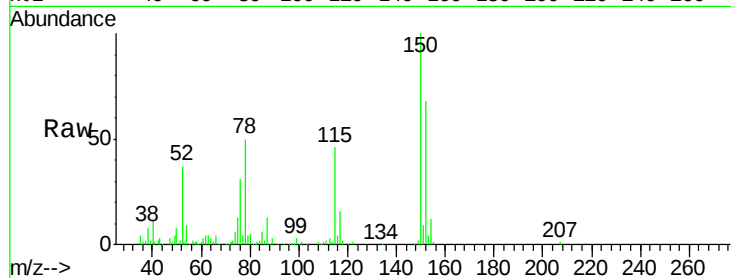


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011312.D
Acq: 19 Aug 2017 11:24

Instrument :
BNA_M
ClientSampleId :
PB101645TB

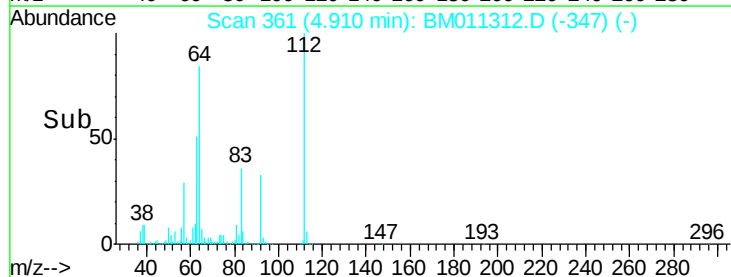
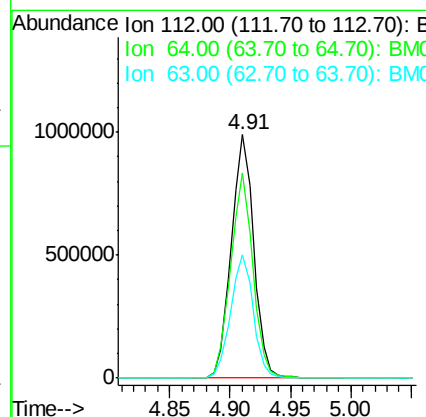
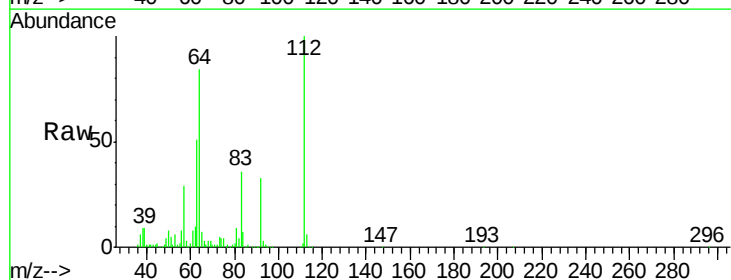
Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	119.5	179.3
115	68.0	43.0	64.4

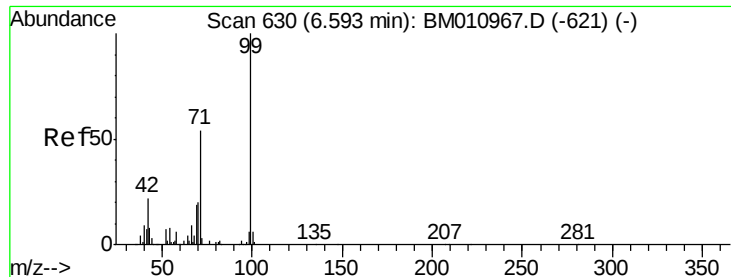


#5

2-Fluorophenol
Concen: 117.516 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011312.D
Acq: 19 Aug 2017 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.1	38.6	57.8
63	50.8	19.3	28.9





#7

Phenol-d6

Concen: 115.644 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011312.D

Acq: 19 Aug 2017 11:24

Instrument :

BNA_M

ClientSampleId :

PB101645TB

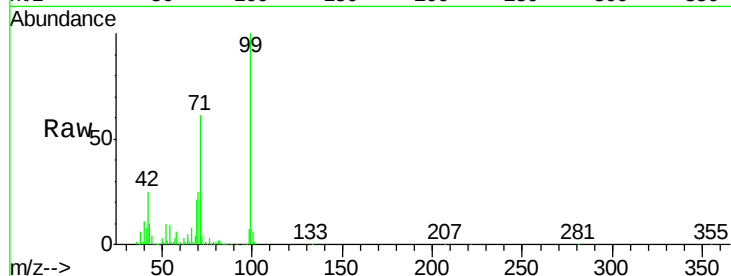
Tgt Ion: 99 Resp: 1803604

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

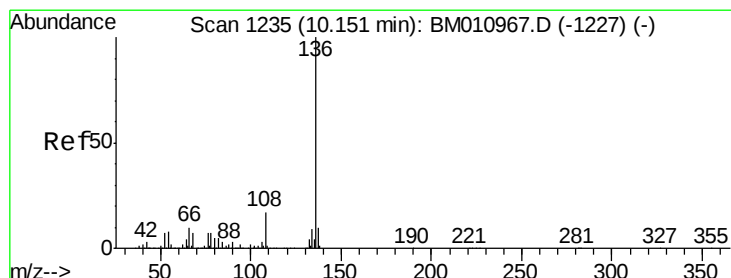
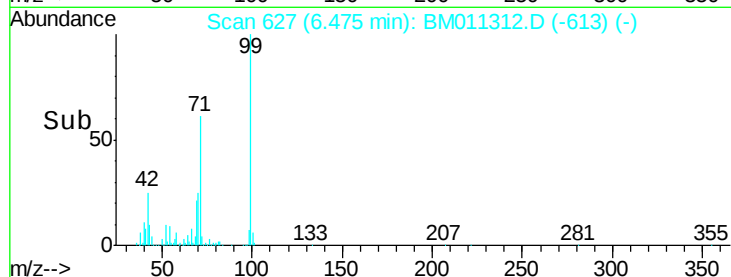
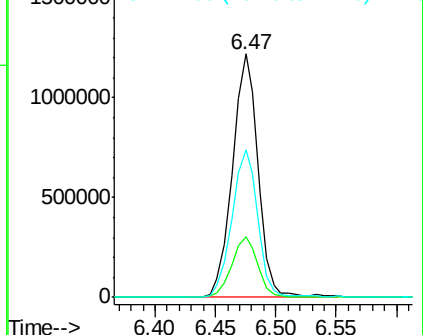
71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011312.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011312.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011312.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011312.D

Acq: 19 Aug 2017 11:24

Tgt Ion: 136 Resp: 660898

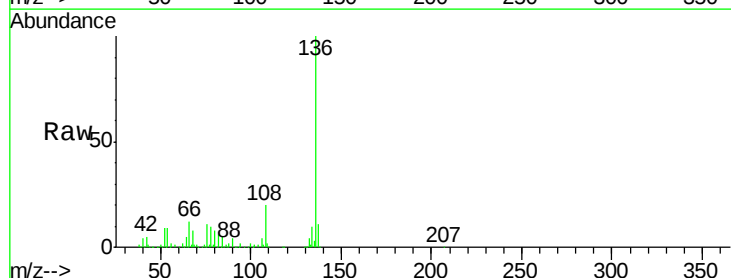
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.5 4.6 6.8#

68 7.9 3.7 5.5#

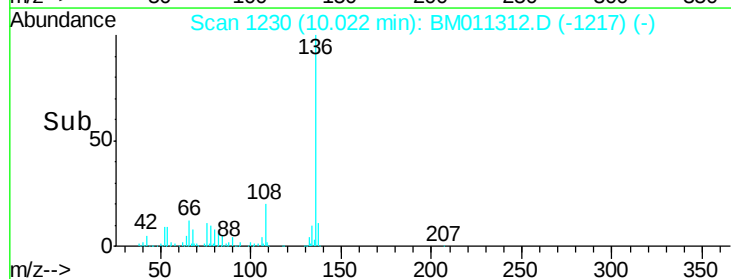
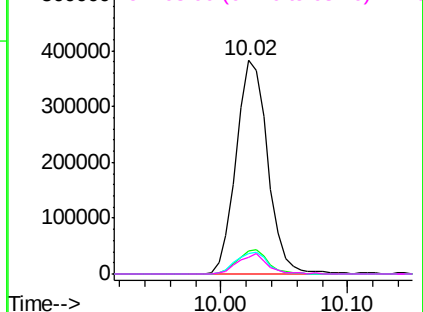


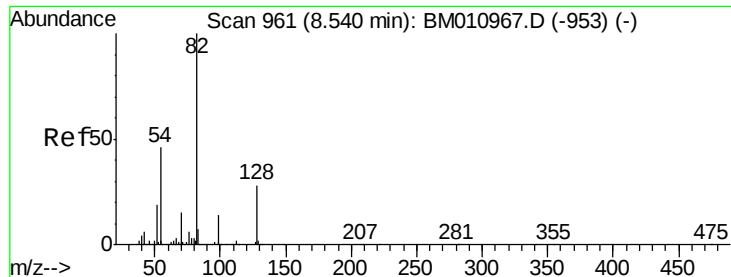
Abundance Ion 136.00 (135.70 to 136.70): BM011312.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011312.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011312.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011312.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 87.462 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011312.D

Acq: 19 Aug 2017 11:24

Instrument :

BNA_M

ClientSampleId :

PB101645TB

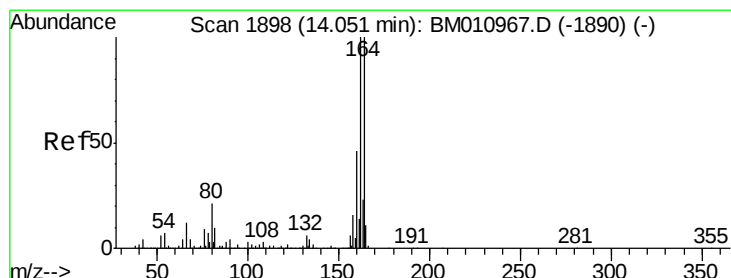
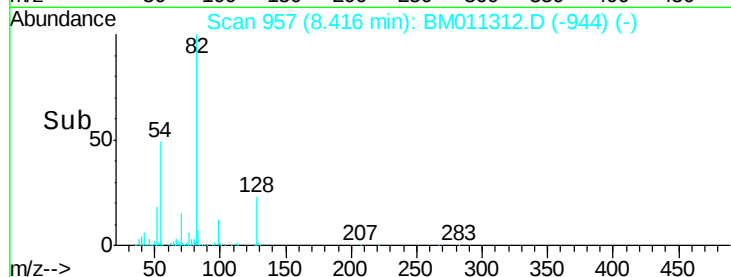
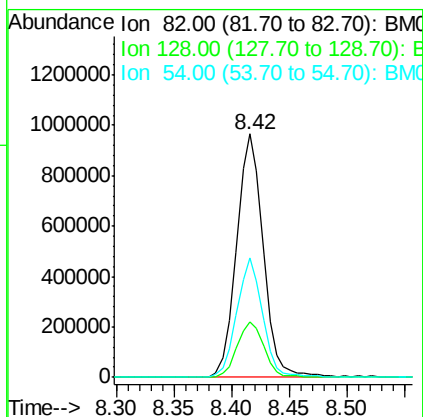
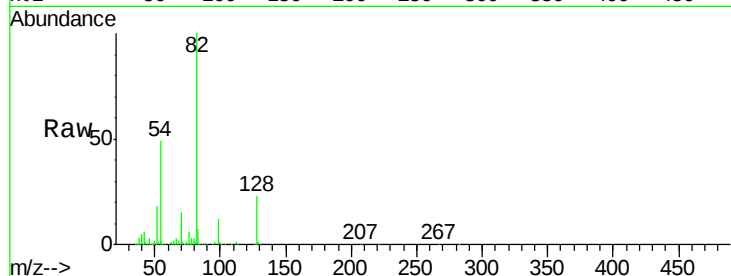
Tgt Ion: 82 Resp: 1540125

Ion Ratio Lower Upper

82 100

128 23.0 32.8 49.2#

54 48.8 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM011312.D

Acq: 19 Aug 2017 11:24

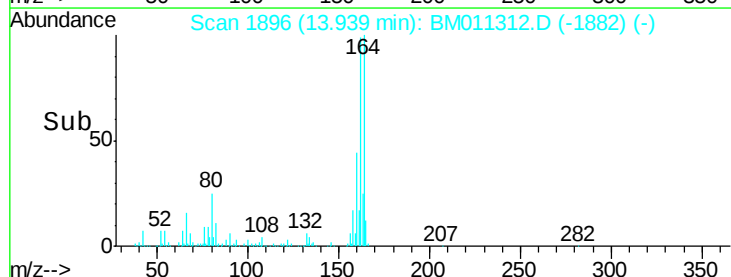
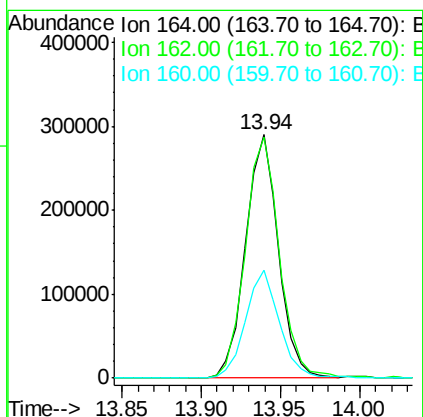
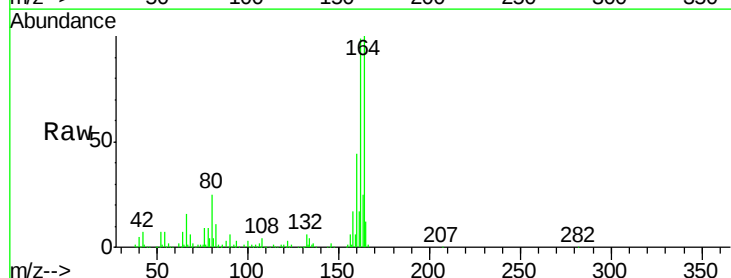
Tgt Ion: 164 Resp: 418297

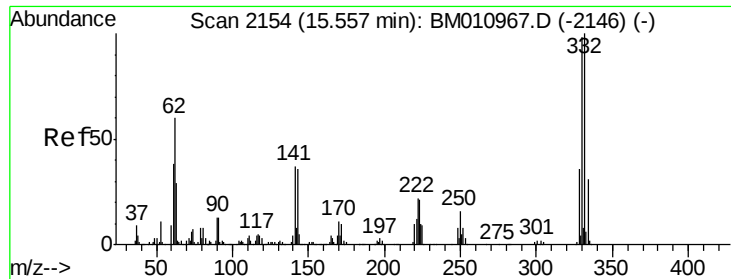
Ion Ratio Lower Upper

164 100

162 99.2 82.4 123.6

160 44.5 35.8 53.6

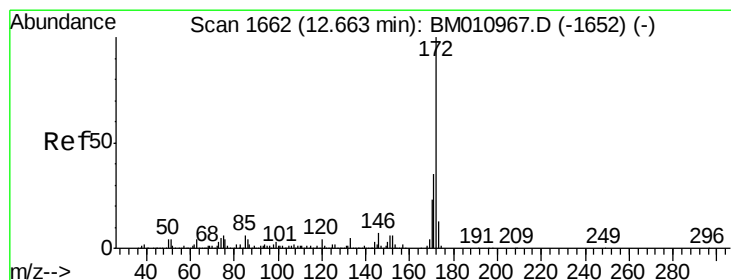
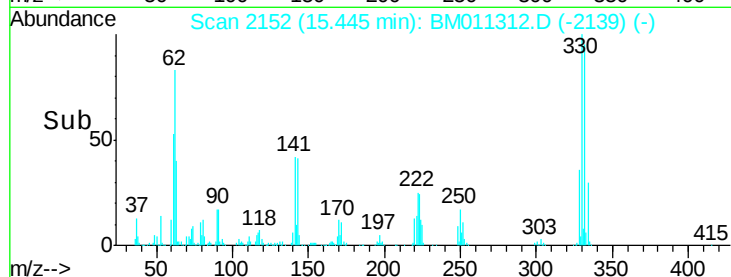
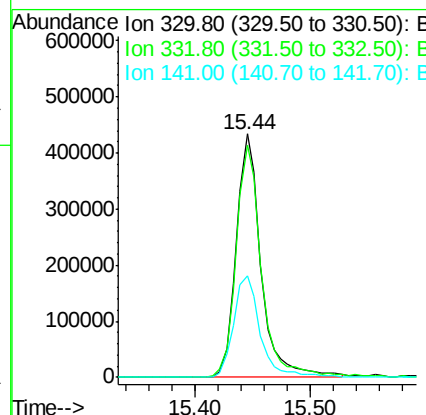
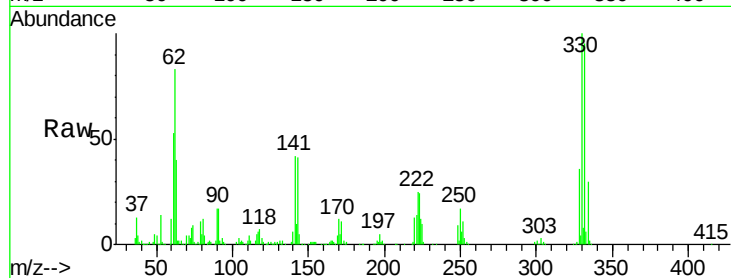




#41
 2,4,6-Tribromophenol
 Concen: 96.417 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011312.D
 Acq: 19 Aug 2017 11:24

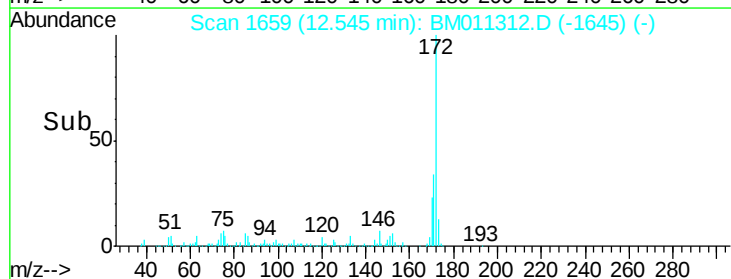
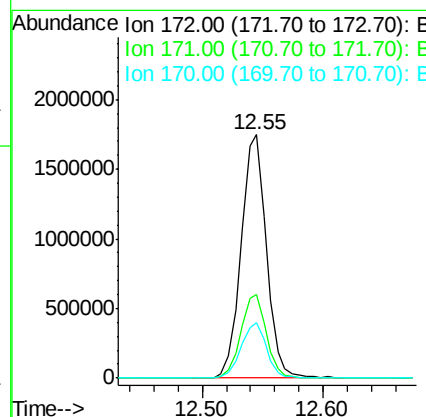
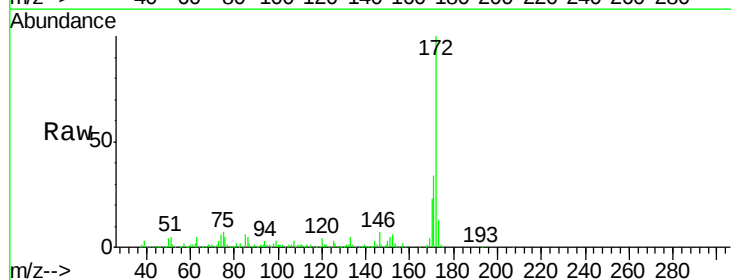
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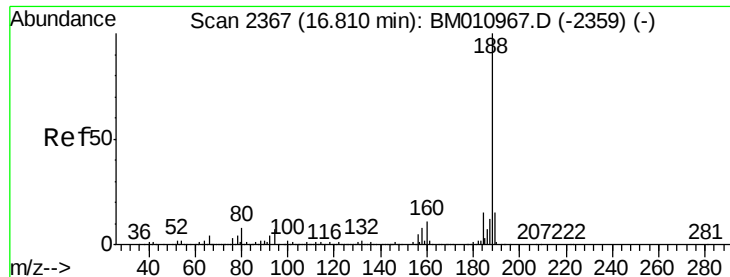
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	44.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.930 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011312.D
 Acq: 19 Aug 2017 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.8	18.8	28.2

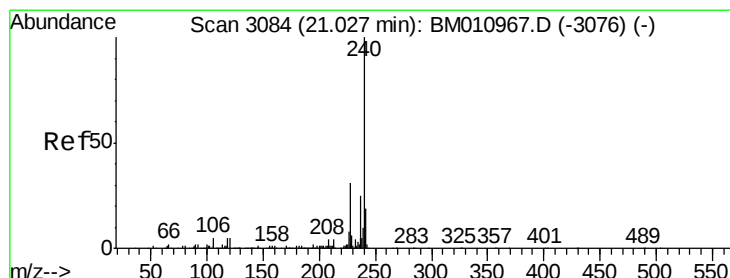
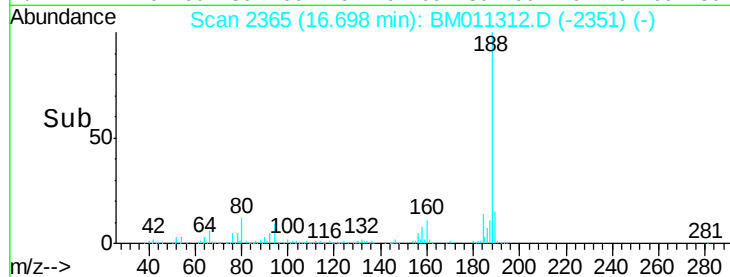
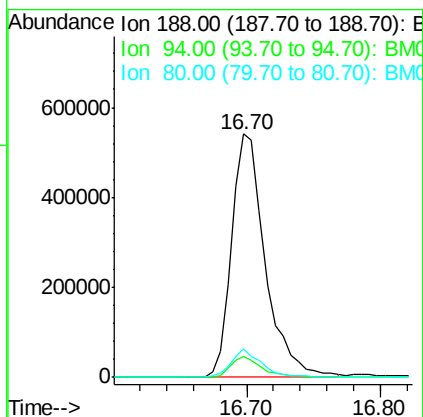
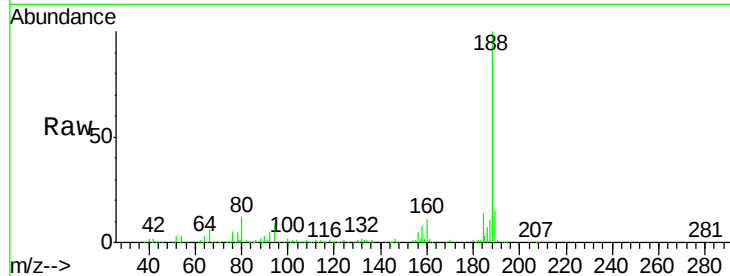




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011312.D
Acq: 19 Aug 2017 11:24

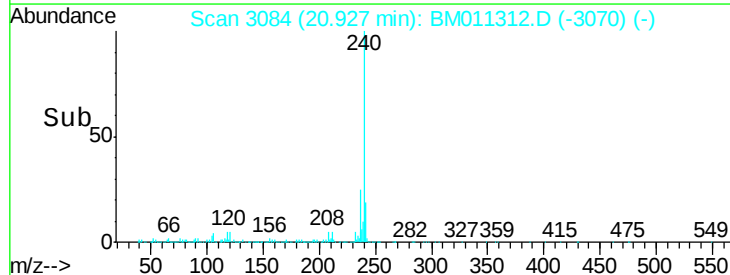
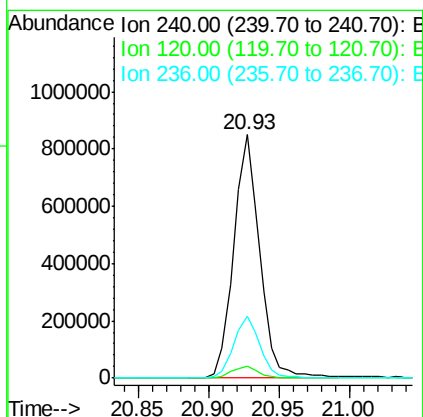
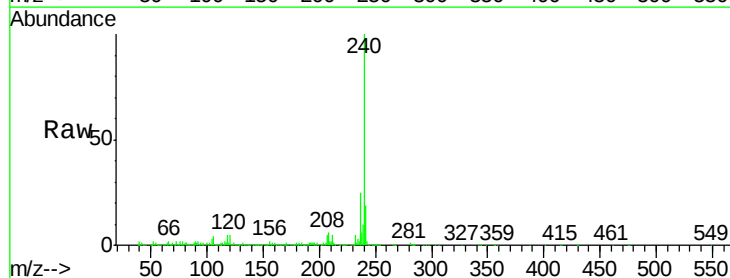
Instrument :
BNA_M
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PB101645TB

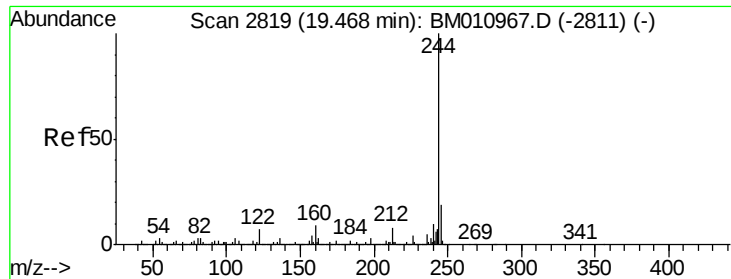
Tgt Ion:188 Resp: 954166
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011312.D
Acq: 19 Aug 2017 11:24

Tgt Ion:240 Resp: 1092155
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.3 20.0 30.0

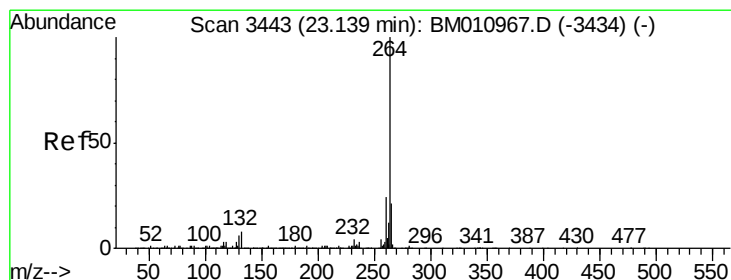
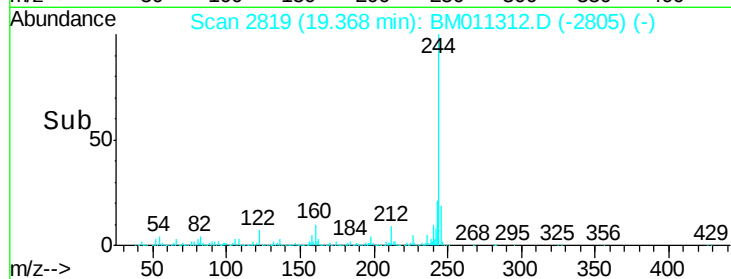
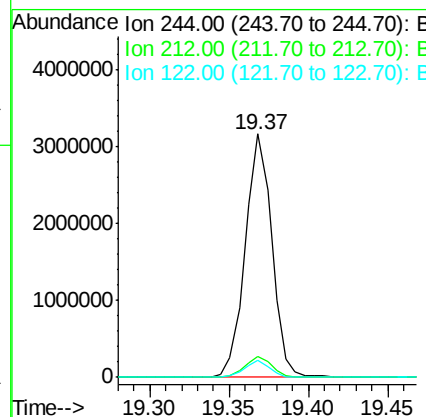
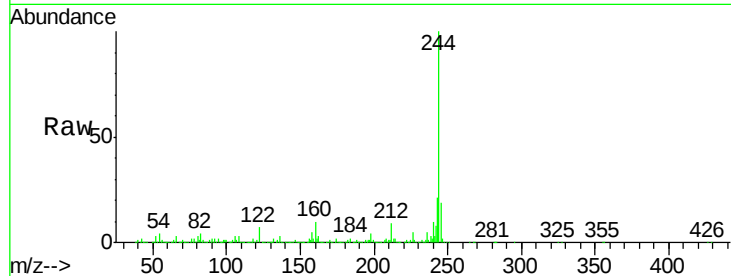




#78
 Terphenyl-d14
 Concen: 67.098 ng
 RT: 19.37 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM011312.D
 Acq: 19 Aug 2017 11:24

Instrument :
 BNA_M
 ClientSampleId :
 PB101645TB

Tgt Ion:244 Resp: 3699478
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.9 7.3#
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011312.D
 Acq: 19 Aug 2017 11:24

Tgt Ion:264 Resp: 1084702
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 23.3 17.3 25.9

