

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011307.D
 Acq On : 19 Aug 2017 02:56
 Operator : SJ/JU
 Sample : I4848-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A2882

Quant Time: Aug 21 12:09:16 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

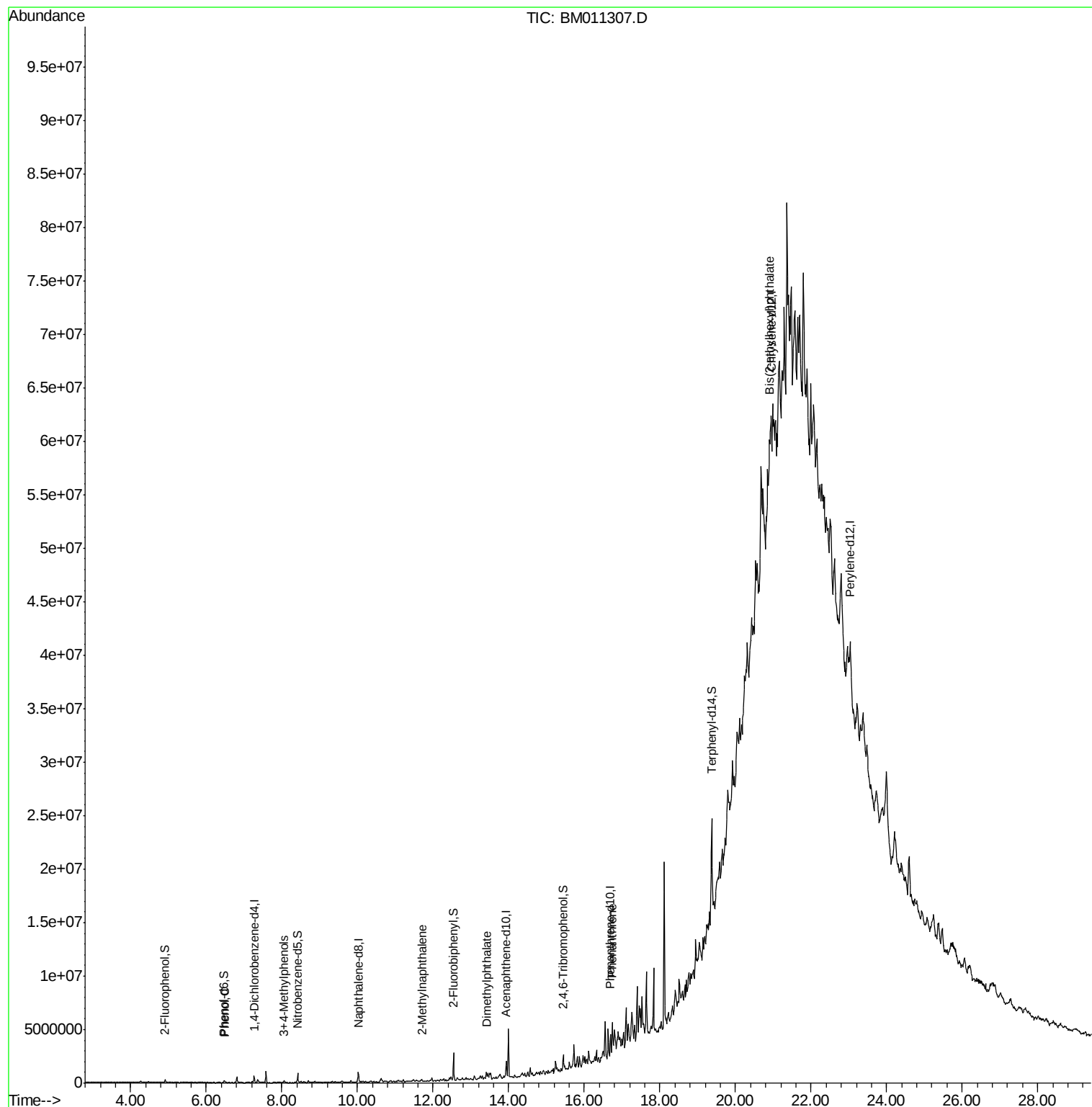
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	101256	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	392320	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	369892	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	1009531	20.00	ng	-0.02
75) Chrysene-d12	20.94	240	1817825	20.00	ng	0.00
86) Perylene-d12	23.04	264	1637372	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	80482	13.44	ng	-0.02
7) Phenol-d6	6.47	99	82364	9.68	ng	-0.02
23) Nitrobenzene-d5	8.42	82	485765	46.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	175355	29.58	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1099626	37.28	ng	-0.02
78) Terphenyl-d14	19.37	244	2465139	26.86	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	29725	3.216	ng	84
20) 3+4-Methylphenols	8.05	107	25355	3.087	ng	# 71
37) 2-Methylnaphthalene	11.70	142	46974	3.240	ng	# 82
49) Dimethylphthalate	13.42	163	286514	9.055	ng	# 98
70) Phenanthrene	16.74	178	186667	3.531	ng	# 90
83) Bis(2-ethylhexyl)phthalate	20.90	149	979296	17.331	ng	# 79

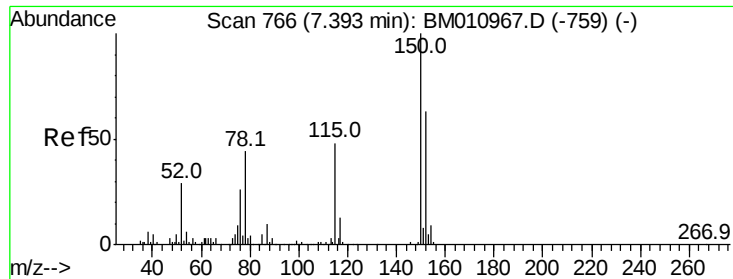
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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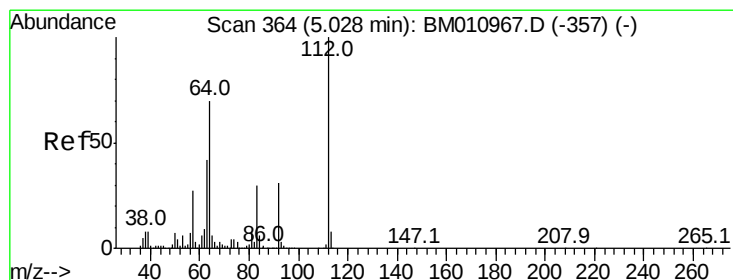
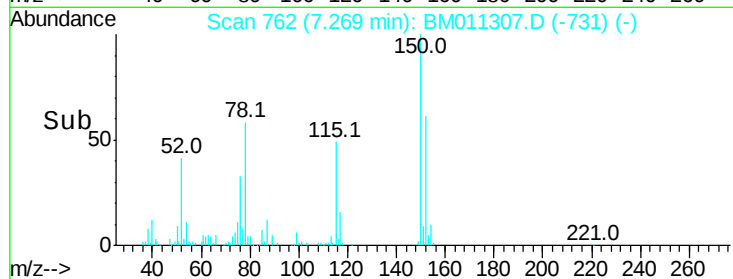
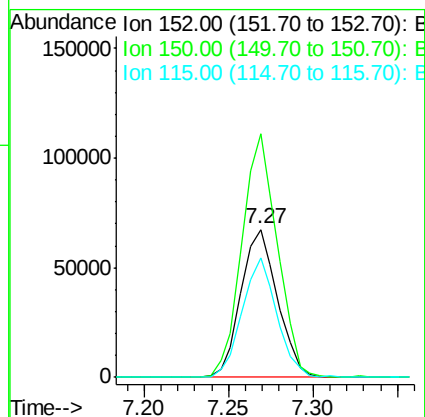
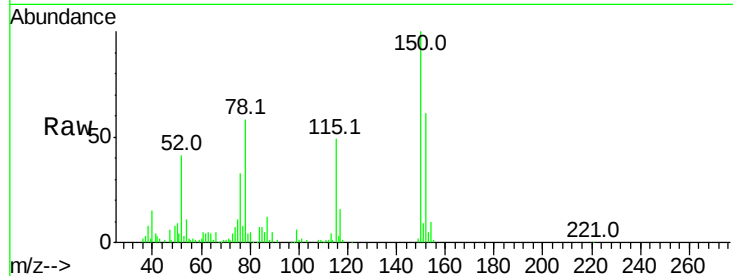


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

Instrument :
BNA_M
ClientSampled :
A2882

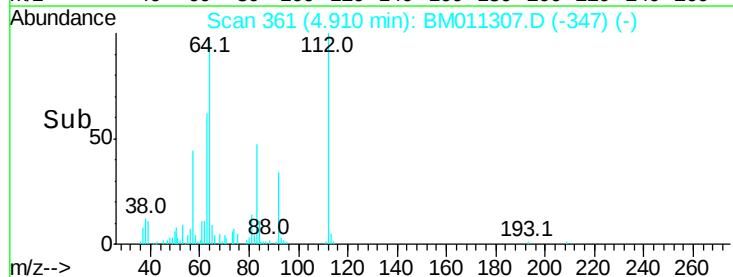
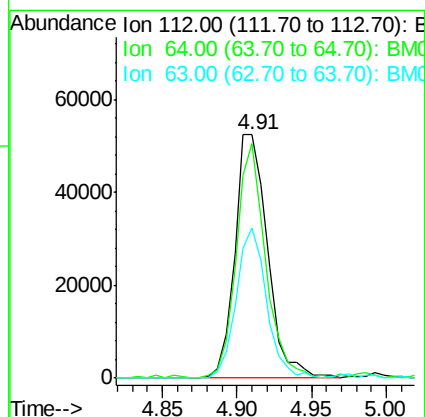
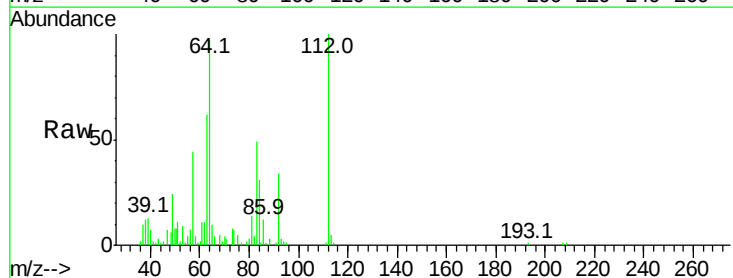
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	119.5	179.3
115	80.9	43.0	64.4#

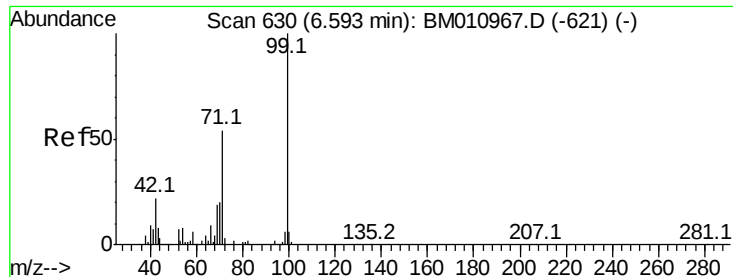


#5

2-Fluorophenol
Concen: 13.436 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	96.5	38.6	57.8#
63	61.5	19.3	28.9#





#7

Phenol-d6

Concen: 9.678 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Instrument :

BNA_M

ClientSampleId :

A2882

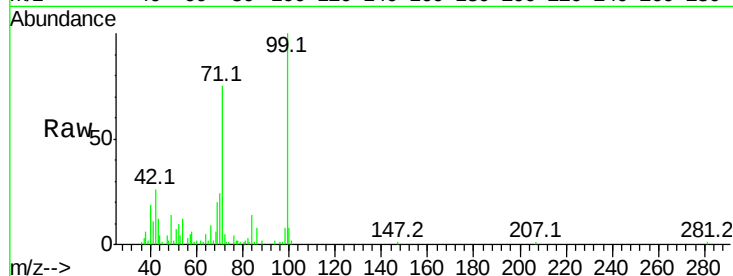
Tot Ion: 99 Resp: 82364

Ion Ratio Lower Upper

99 100

42 26.3 11.0 16.4#

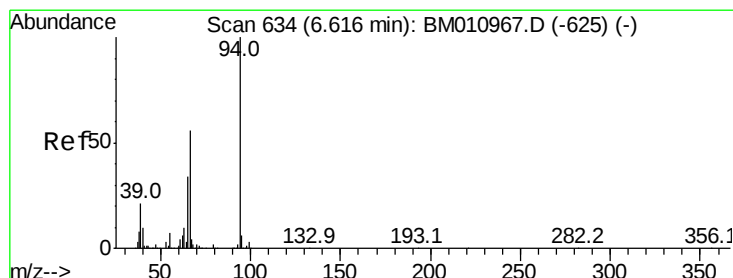
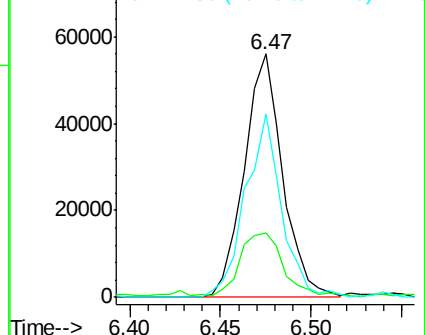
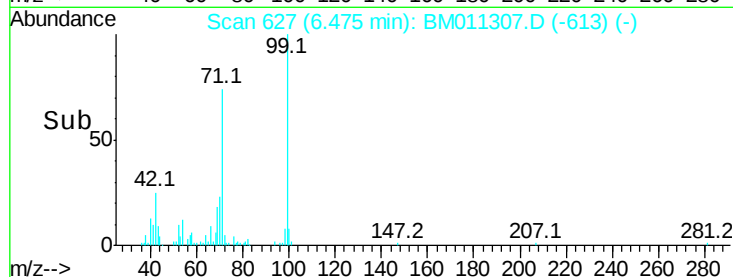
71 75.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011307.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011307.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011307.D (-613) (-)



#10

Phenol

Concen: 3.216 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

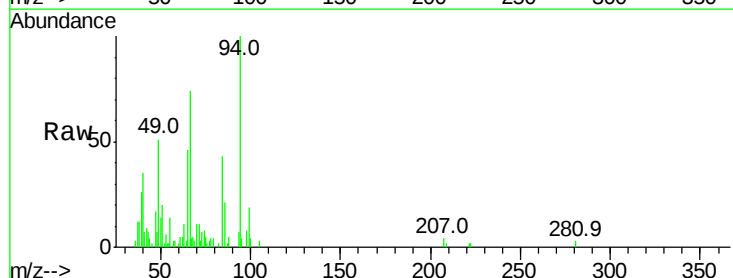
Tgt Ion: 94 Resp: 29725

Ion Ratio Lower Upper

94 100

65 45.9 18.8 58.8

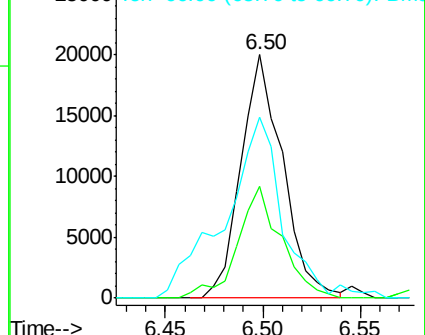
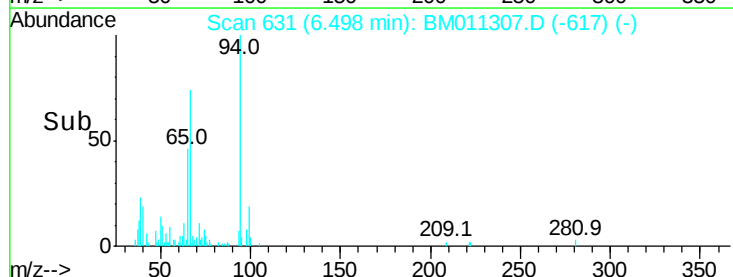
66 74.3 39.9 79.9

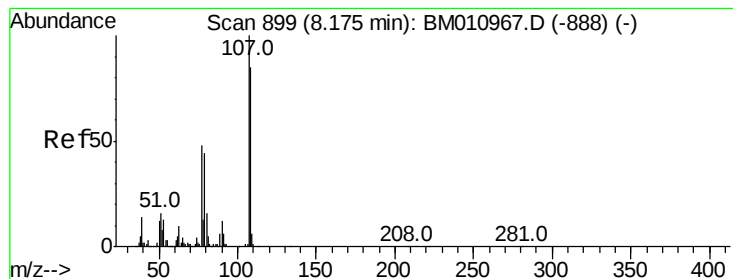


Abundance Ion 94.00 (93.70 to 94.70): BM011307.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM011307.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM011307.D (-617) (-)





#20

3+4-Methylphenols

Concen: 3.087 ng

RT: 8.05 min Scan# 895

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Instrument :

BNA_M

ClientSampleId :

A2882

Tot Ion:107 Resp: 25355

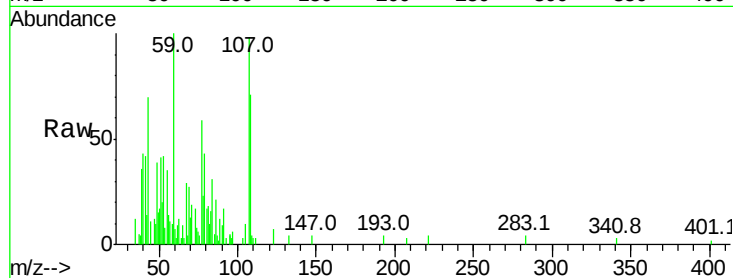
Ion Ratio Lower Upper

107 100

108 72.2 73.2 113.2#

77 59.8 10.7 50.7#

79 44.2 9.6 49.6

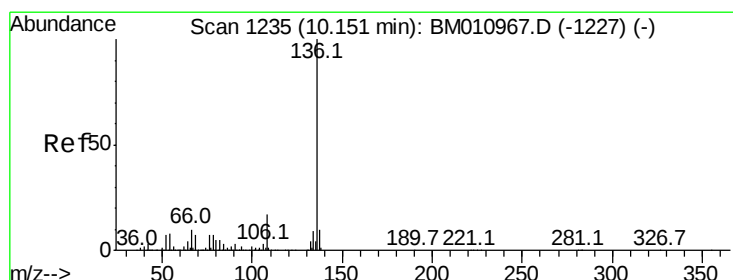
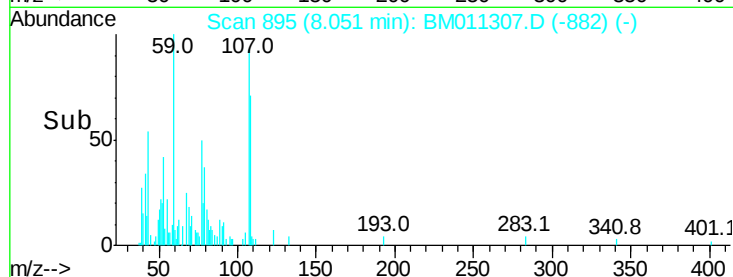
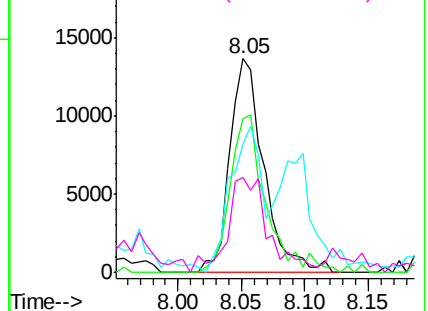


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Tgt Ion:136 Resp: 392320

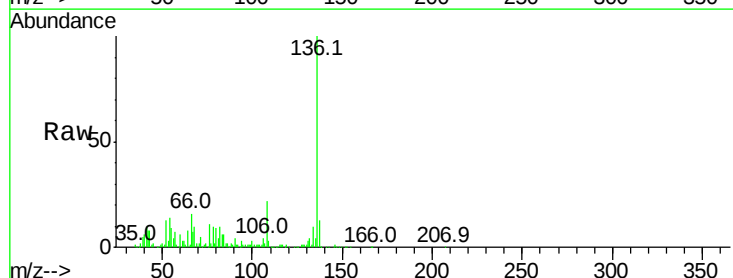
Ion Ratio Lower Upper

136 100

137 12.5 8.7 13.1

54 13.8 4.6 6.8#

68 10.1 3.7 5.5#

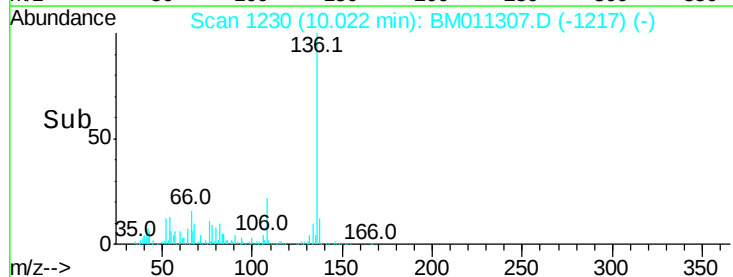
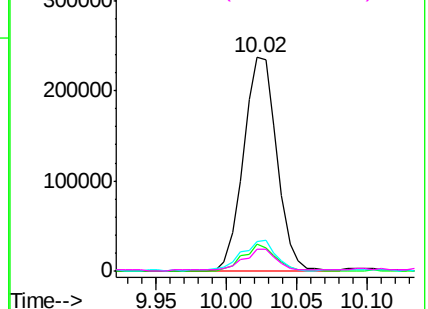


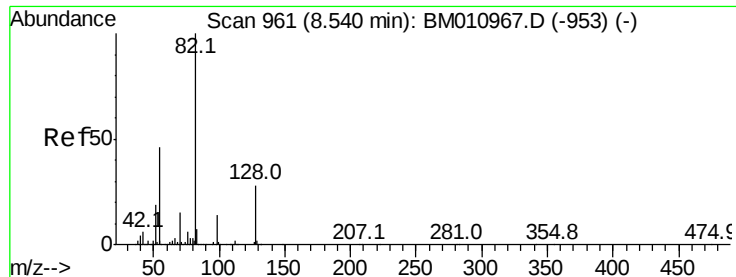
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM





#23

Nitrobenzene-d5

Concen: 46.471 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Instrument :

BNA_M

ClientSampleId :

A2882

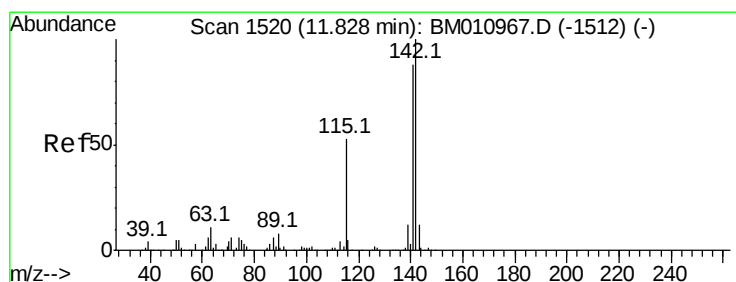
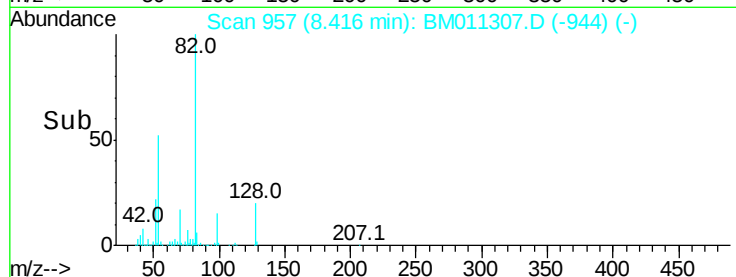
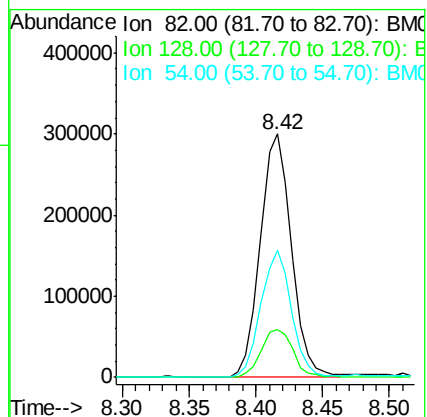
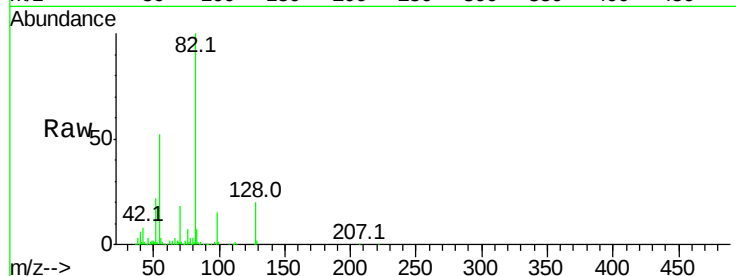
Tot Ion: 82 Resp: 485765

Ion Ratio Lower Upper

82 100

128 19.6 32.8 49.2#

54 52.4 40.6 60.8



#37

2-Methylnaphthalene

Concen: 3.240 ng

RT: 11.70 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

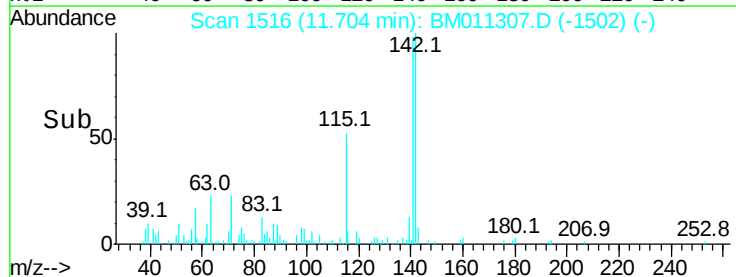
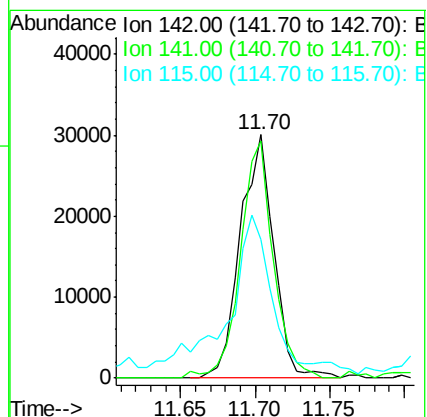
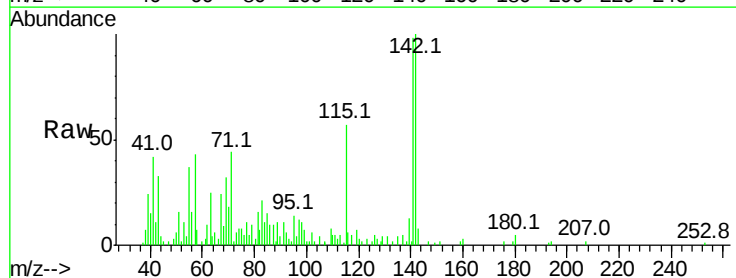
Tgt Ion: 142 Resp: 46974

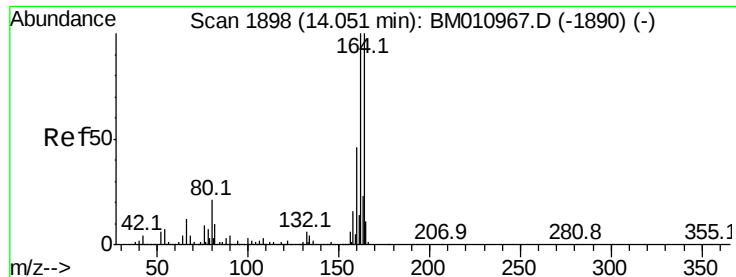
Ion Ratio Lower Upper

142 100

141 97.7 71.9 107.9

115 56.8 25.4 38.0#

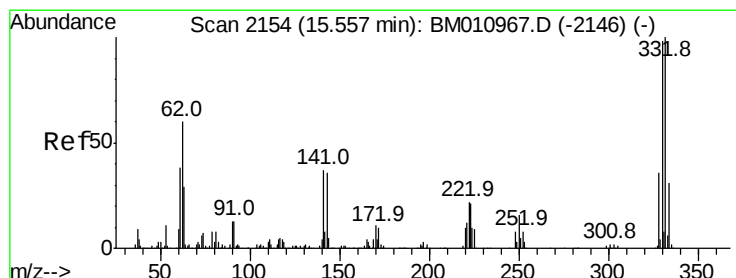
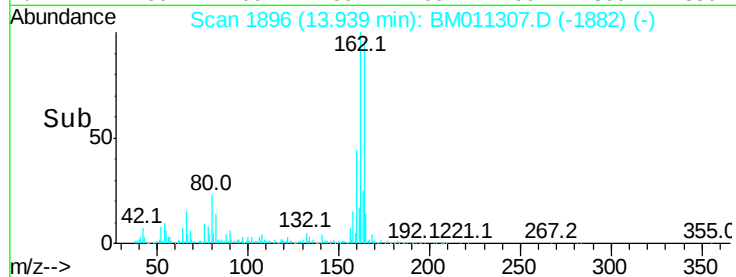
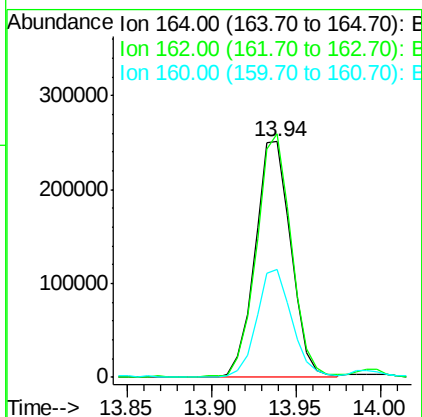
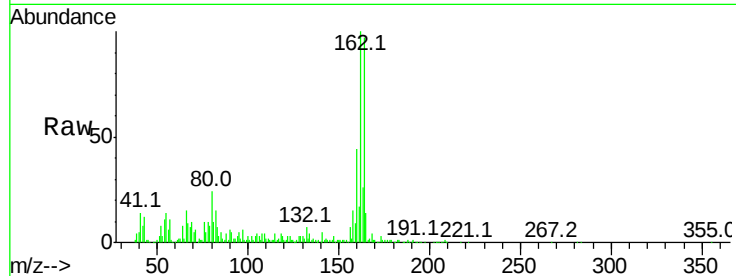




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

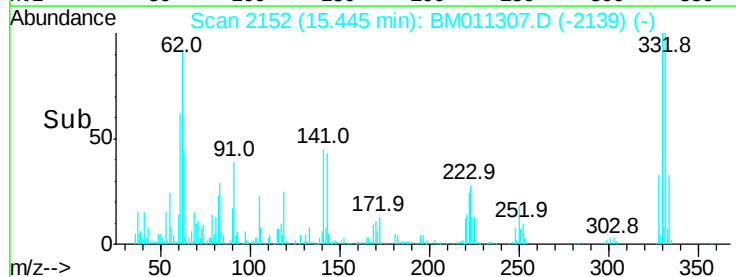
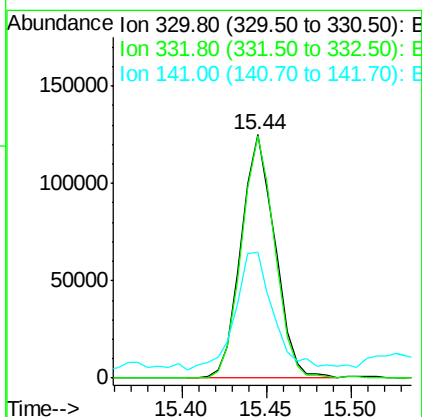
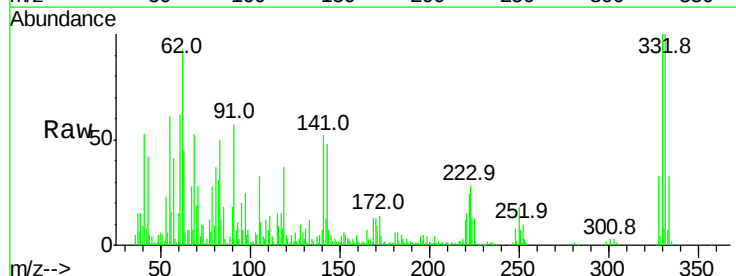
Instrument :
BNA_M
ClientSampleId :
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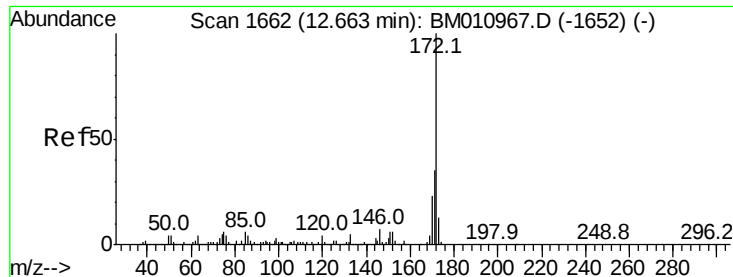
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.4	123.6
160	45.8	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 29.578 ng
RT: 15.44 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	54.0	0.0	0.0#



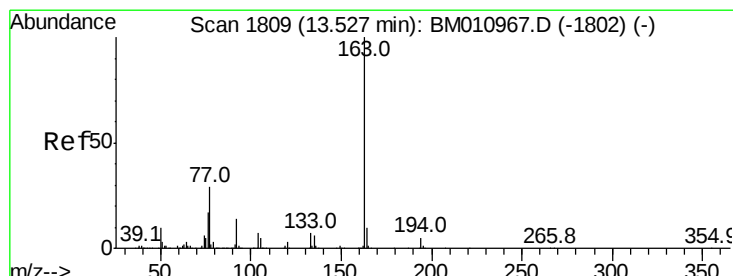
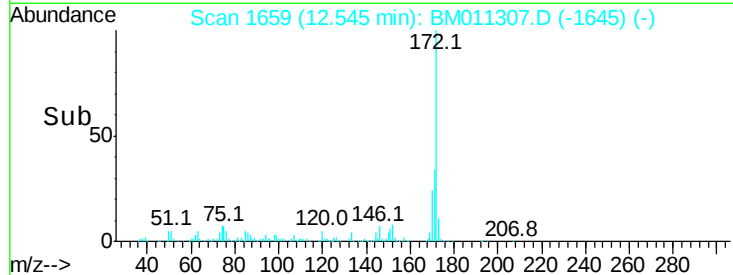
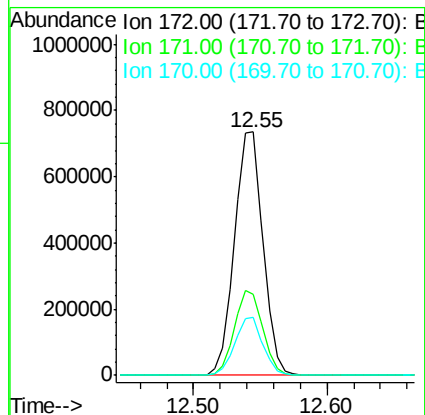
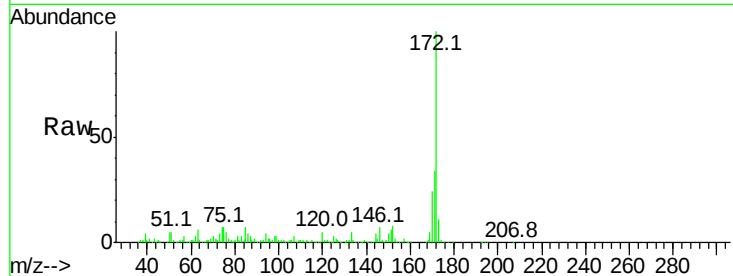


#44
 2-Fluorobiphenyl
 Concen: 37.283 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011307.D
 Acq: 19 Aug 2017 02:56

Instrument :
 BNA_M
 ClientSampleId :
 A2882

Tot Ion:172 Resp: 1099626

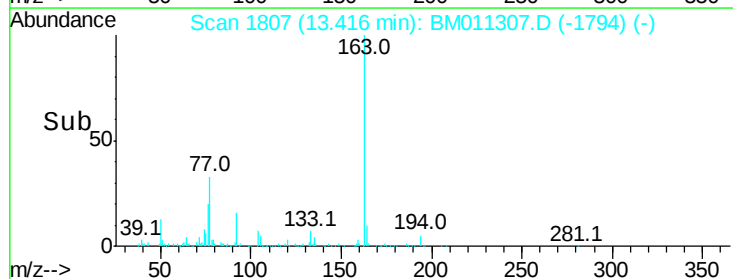
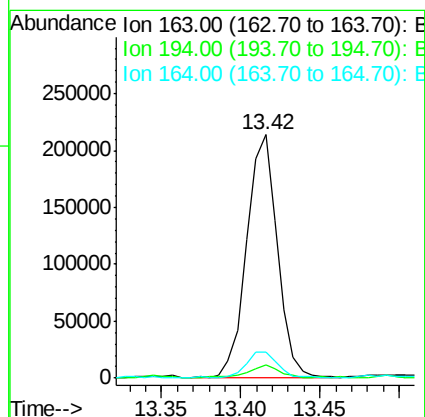
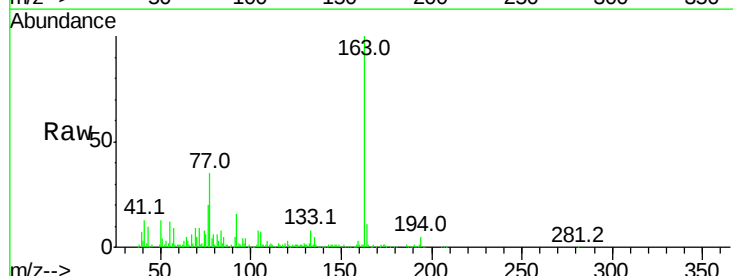
Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	23.7	18.8	28.2

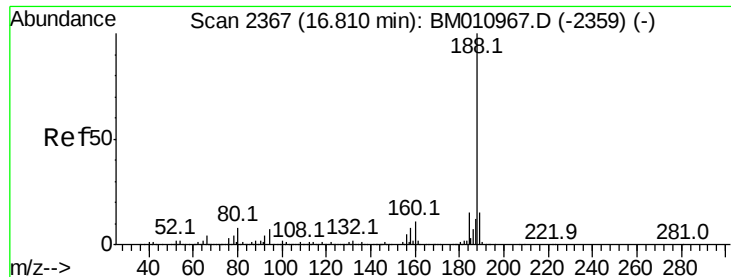


#49
 Dimethylphthalate
 Concen: 9.055 ng
 RT: 13.42 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BM011307.D
 Acq: 19 Aug 2017 02:56

Tgt Ion:163 Resp: 286514

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.7	4.1#
164	10.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Instrument :

BNA_M

ClientSampleId :

A2882

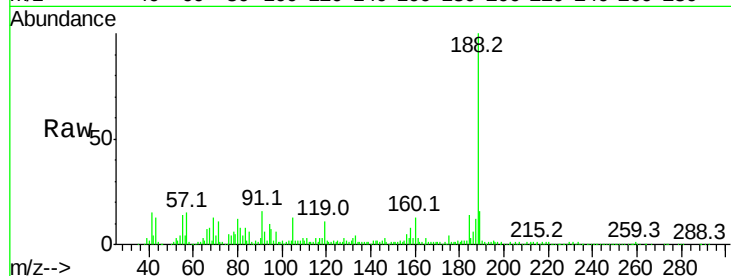
Tot Ion:188 Resp: 1009531

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

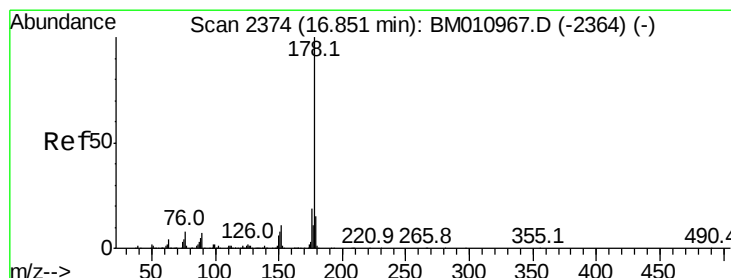
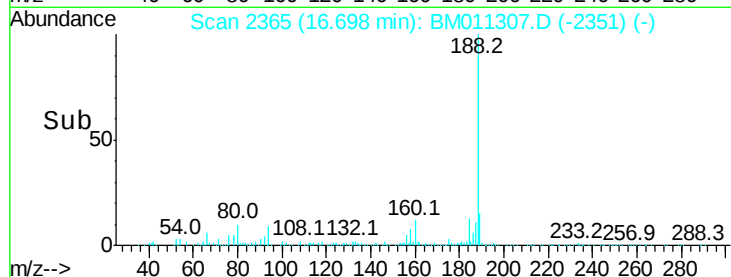
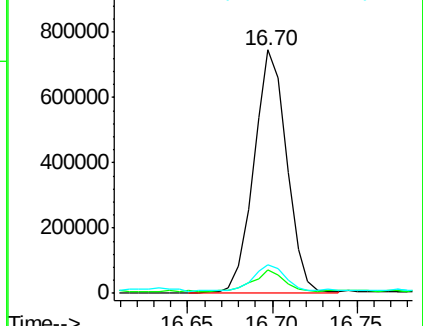
80 11.7 9.3 13.9



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



#70

Phenanthrene

Concen: 3.531 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.02 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

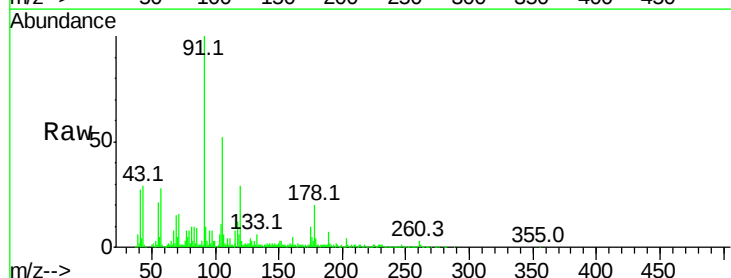
Tgt Ion:178 Resp: 186667

Ion Ratio Lower Upper

178 100

176 23.0 15.2 22.8#

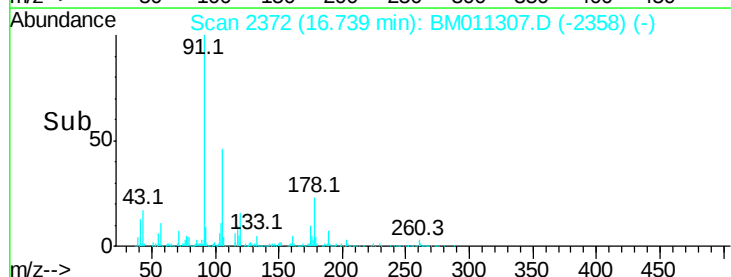
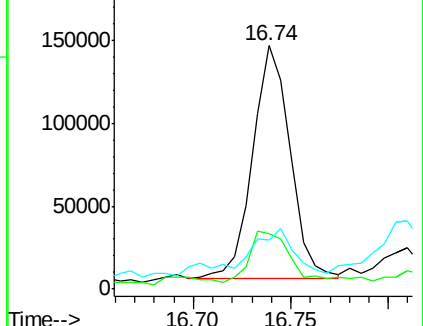
179 20.0 12.1 18.1#

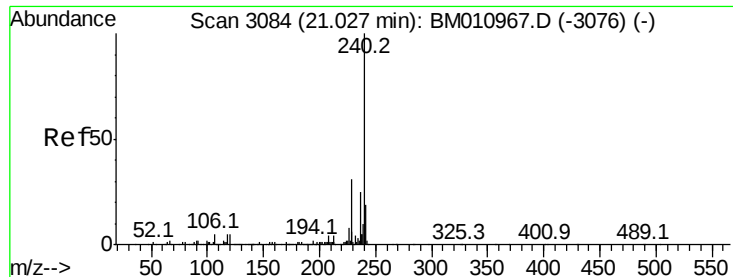


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

Instrument :

BNA_M

ClientSampleId :

A2882

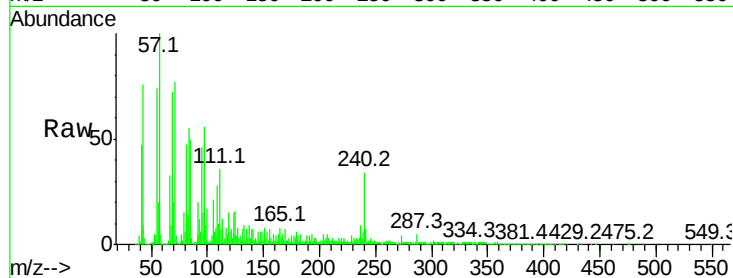
Tot Ion:240 Resp: 1817825

Ion Ratio Lower Upper

240 100

120 16.8 8.2 12.2#

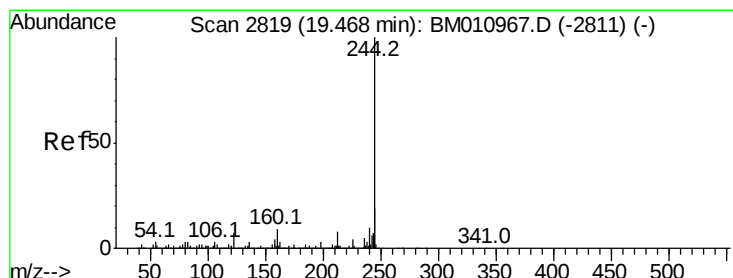
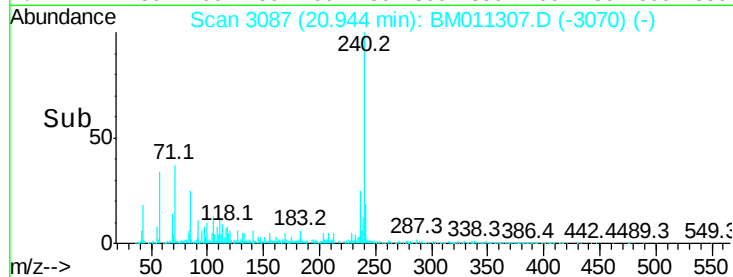
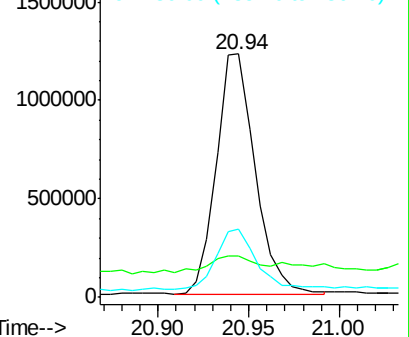
236 27.8 20.0 30.0



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: 26.862 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011307.D

Acq: 19 Aug 2017 02:56

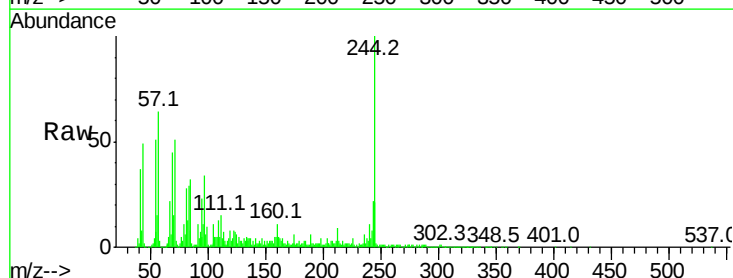
Tgt Ion:244 Resp: 2465139

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

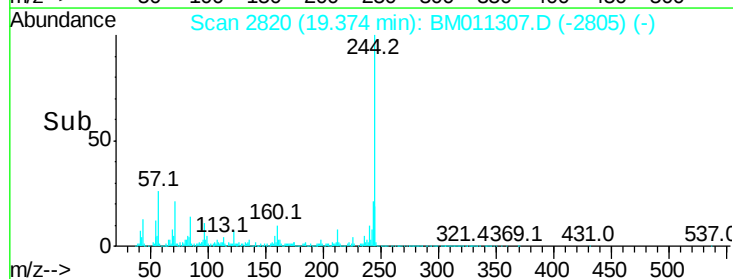
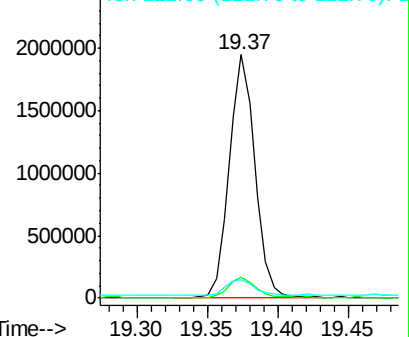
122 7.8 6.2 9.4

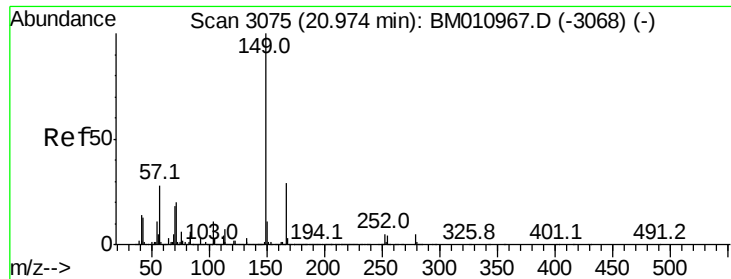


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

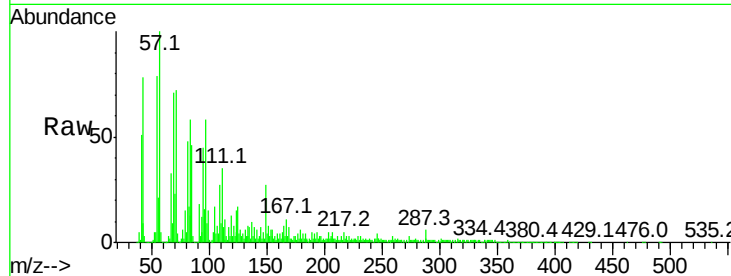




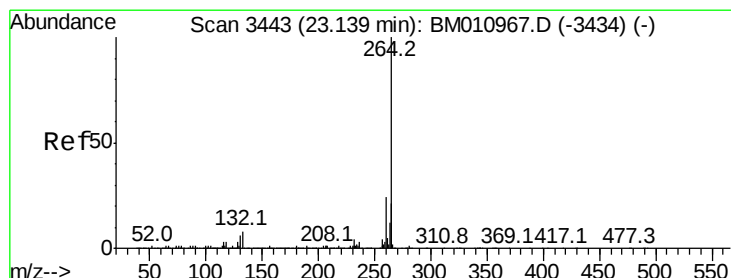
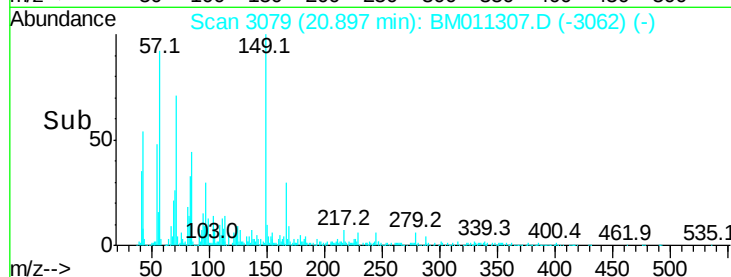
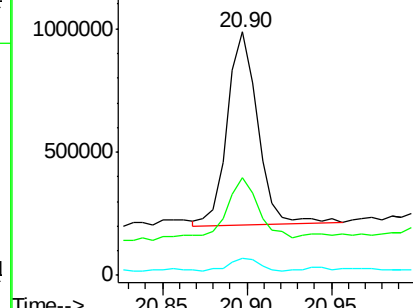
#83
Bis(2-ethylhexyl)phthalate
Concen: 17.331 ng
RT: 20.90 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

Instrument :
BNA_M
ClientSampleId :
A2882

Tot Ion:149 Resp: 979296
Ion Ratio Lower Upper
149 100
167 39.9 22.4 33.6#
279 7.0 3.4 5.0#

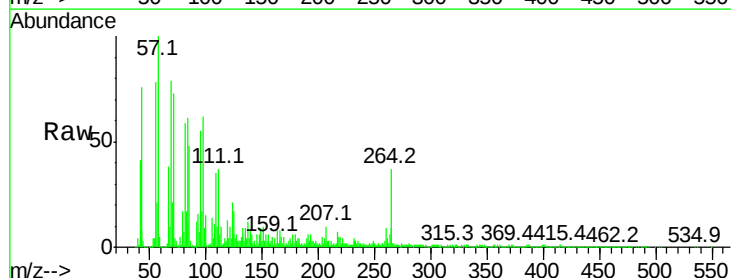


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3443
Delta R.T. 0.02 min
Lab File: BM011307.D
Acq: 19 Aug 2017 02:56

Tgt Ion:264 Resp: 1637372
Ion Ratio Lower Upper
264 100
260 25.1 18.6 27.8
265 23.9 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

