

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011161.D
 Acq On : 07 Aug 2017 20:30
 Operator : SJ/JU
 Sample : I4610-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-B

Quant Time: Aug 08 01:02:59 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

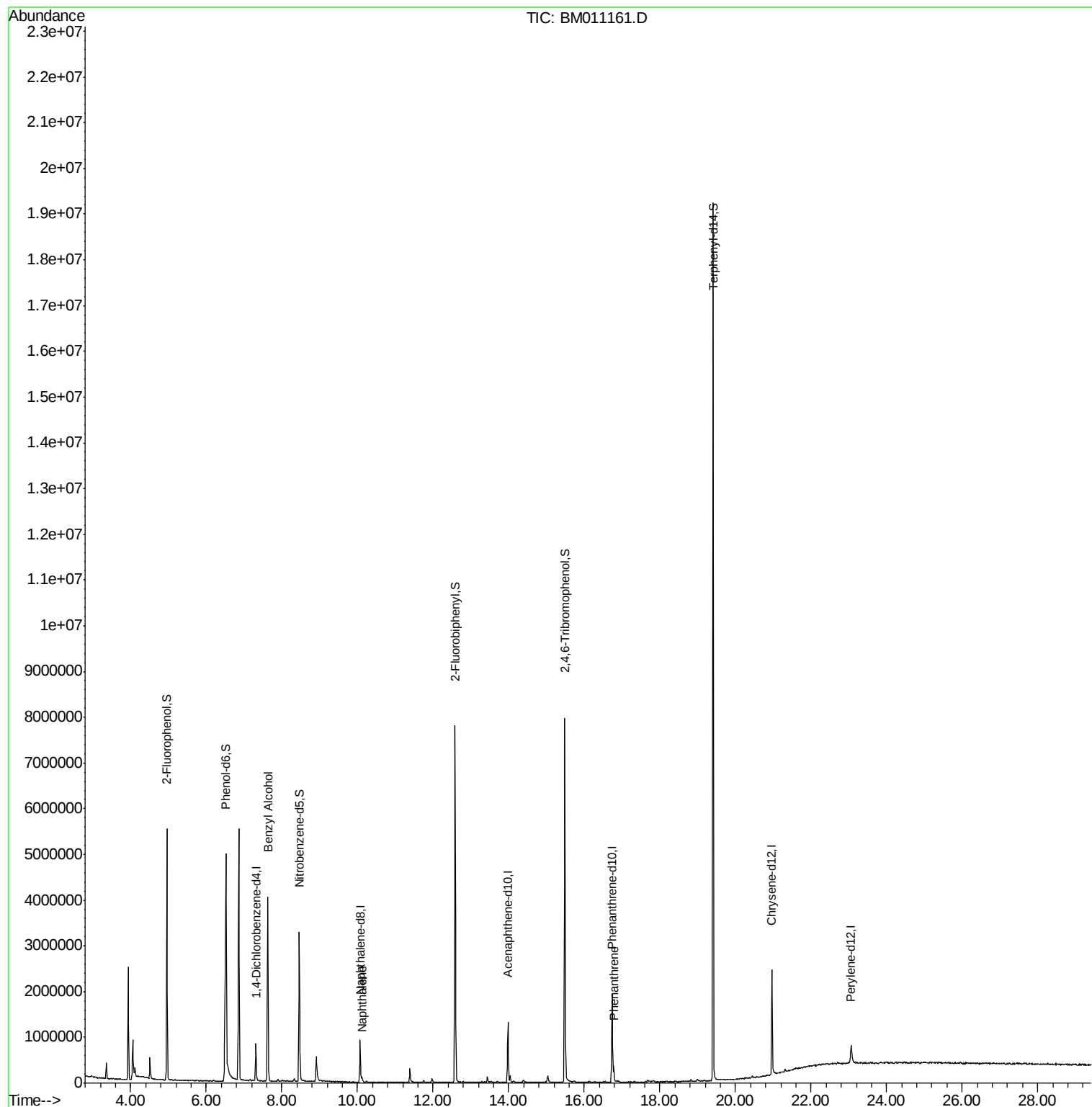
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	151387	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	540822	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	346038	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1066837	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1083947	20.00	ng	-0.06
86) Perylene-d12	23.05	264	169517	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1427593	159.41	ng	-0.07
7) Phenol-d6	6.52	99	1747903	137.37	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1792573	124.40	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1064193	191.88	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3248895	117.75	ng	-0.08
78) Terphenyl-d14	19.41	244	6935418	126.74	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.63	79	33419	2.74	ng	# 31
31) Naphthalene	10.12	128	59373	2.18	ng	# 93
70) Phenanthrene	16.78	178	181970	3.26	ng	96

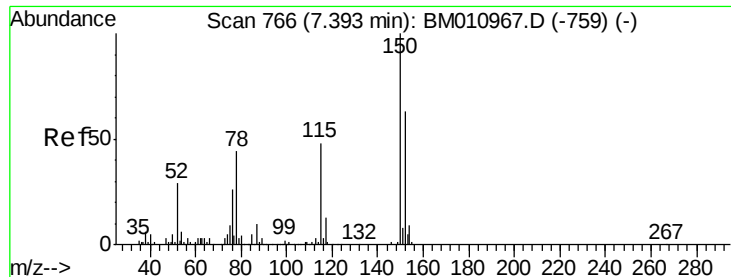
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 770

Delta R.T. -0.08 min

Lab File: BM011161.D

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PL-02-080317-B

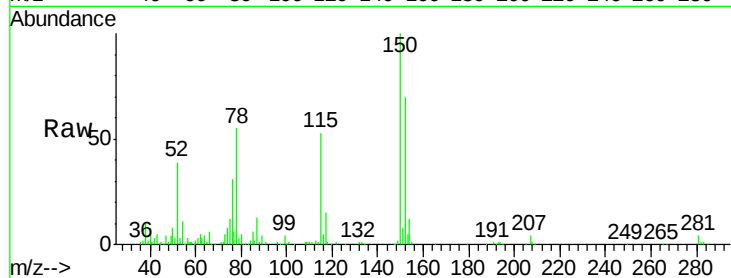
Tot Ion:152 Resp: 151387

Ion Ratio Lower Upper

152 100

150 142.2 119.5 179.3

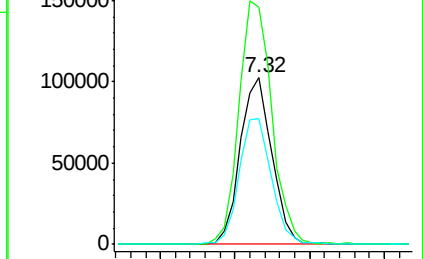
115 75.4 43.0 64.4#



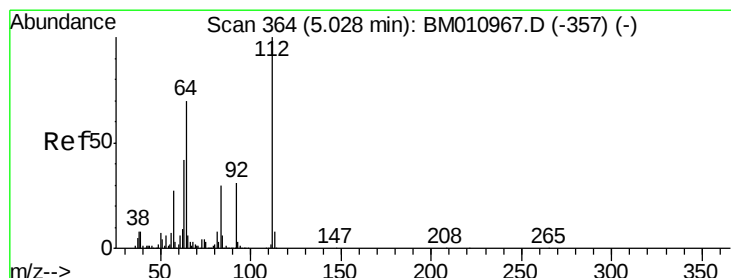
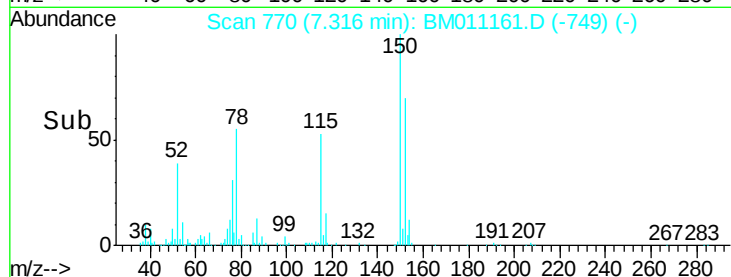
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 159.41 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011161.D

Acq: 07 Aug 2017 20:30

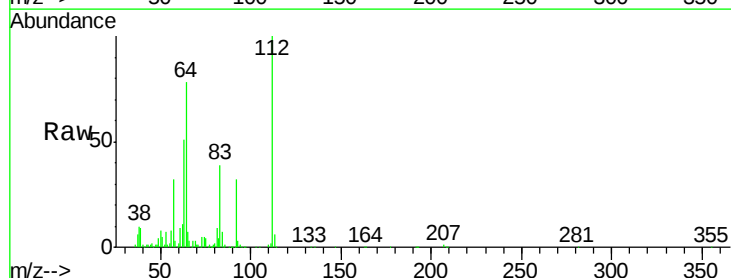
Tgt Ion:112 Resp: 1427593

Ion Ratio Lower Upper

112 100

64 78.2 38.6 57.8#

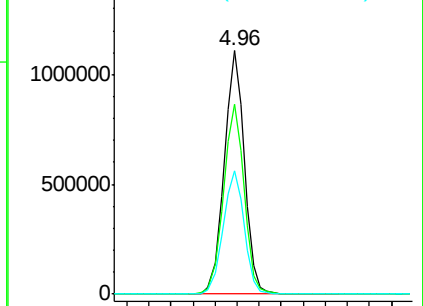
63 50.7 19.3 28.9#



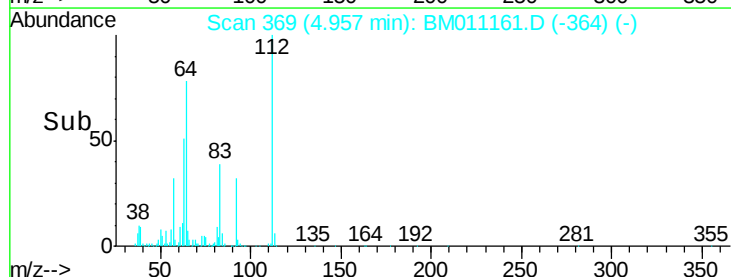
Abundance Ion 112.00 (111.70 to 112.70): E

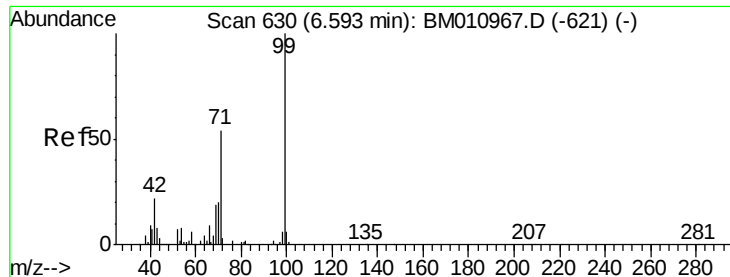
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 137.37 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011161.D

Acq: 07 Aug 2017 20:30

Instrument :

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ClientSampleId :

PL-02-080317-B

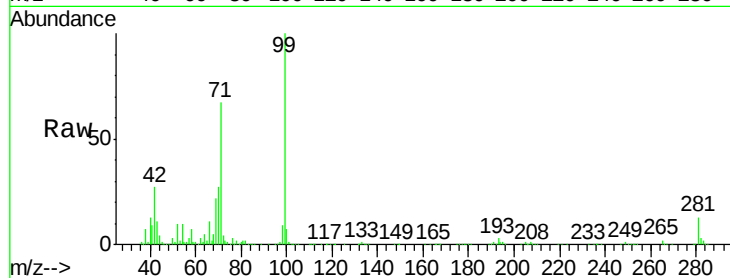
Tot Ion: 99 Resp: 1747903

Ion Ratio Lower Upper

99 100

42 27.4 11.0 16.4#

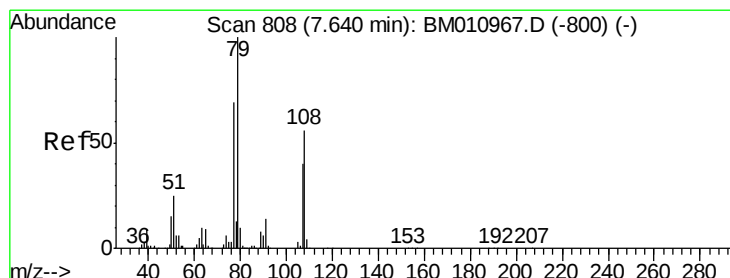
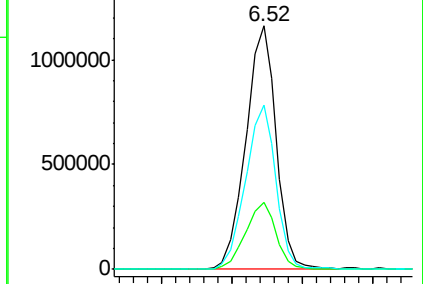
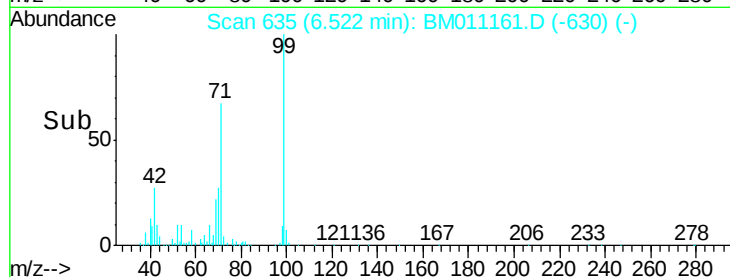
71 67.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011161.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011161.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011161.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.74 ng

RT: 7.63 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM011161.D

Acq: 07 Aug 2017 20:30

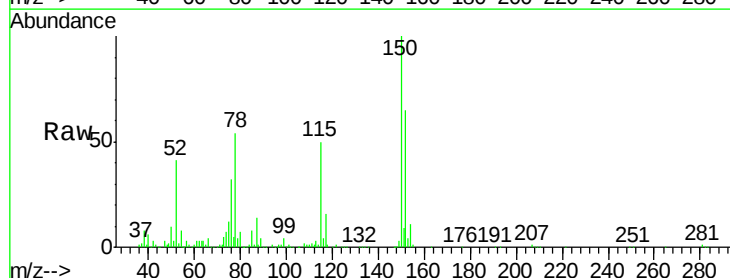
Tgt Ion: 79 Resp: 33419

Ion Ratio Lower Upper

79 100

108 43.9 65.0 97.4#

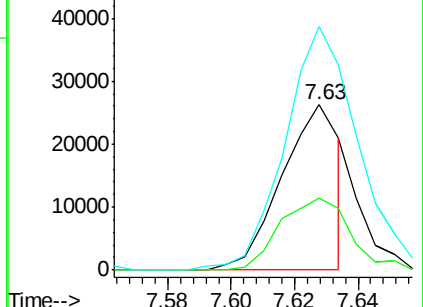
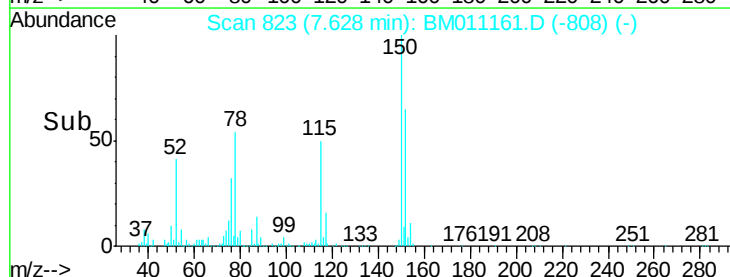
77 147.3 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011161.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011161.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011161.D (-808) (-)

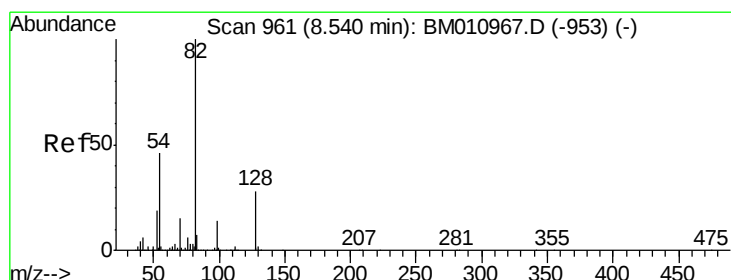
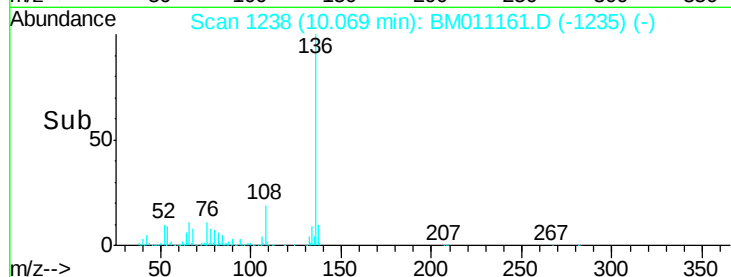
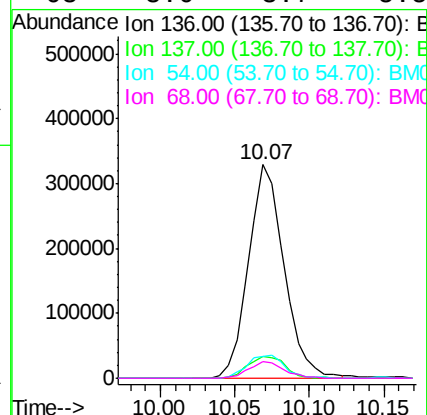
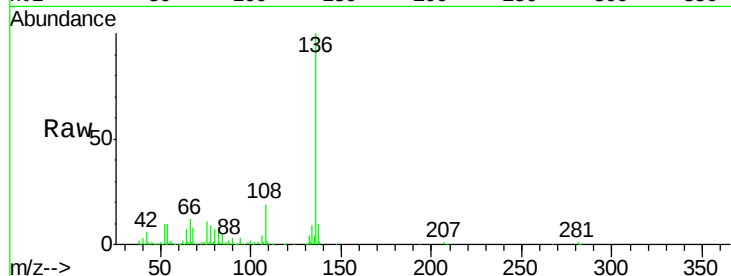




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

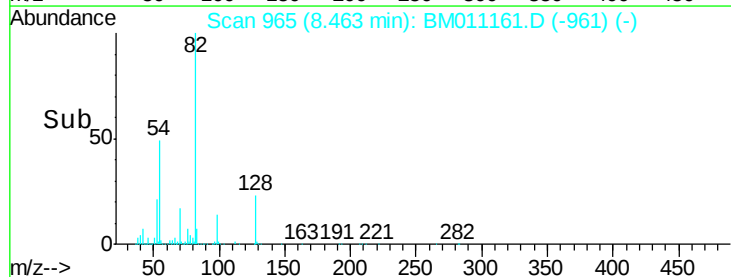
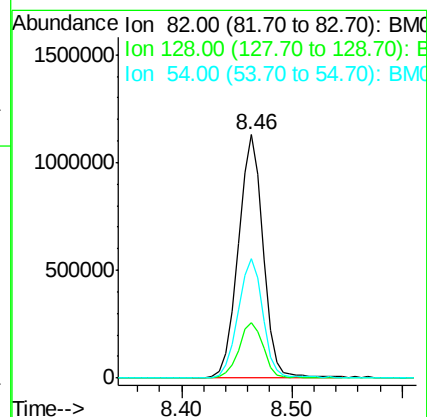
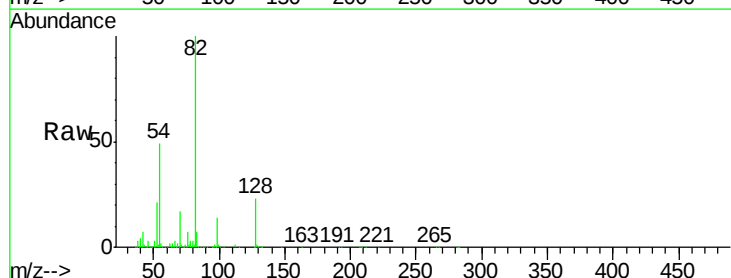
Instrument :
BNA_M
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PL-02-080317-B

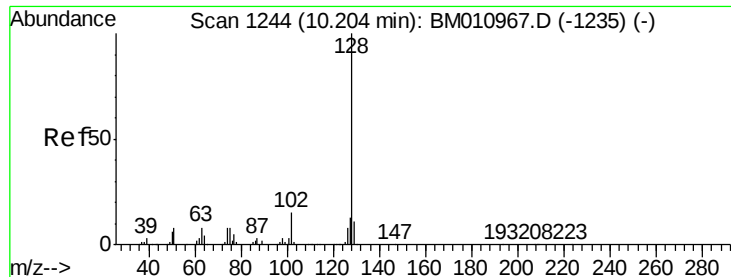
Tot Ion:136	Resp: 540822
Ion Ratio	Lower Upper
136 100	
137 10.3	8.7 13.1
54 10.4	4.6 6.8#
68 8.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 124.40 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion: 82	Resp: 1792573
Ion Ratio	Lower Upper
82 100	
128 22.9	32.8 49.2#
54 49.2	40.6 60.8

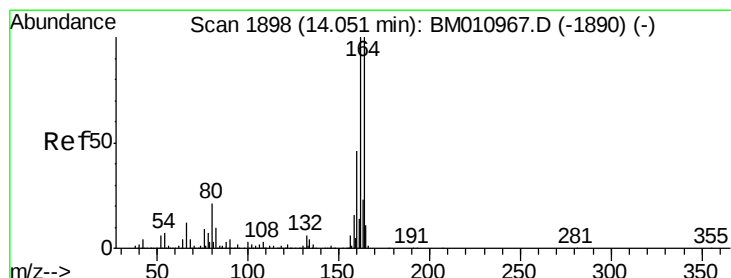
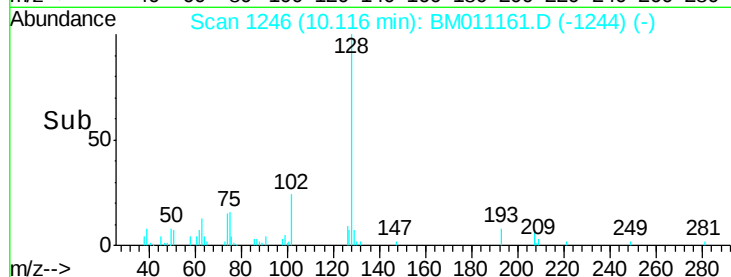
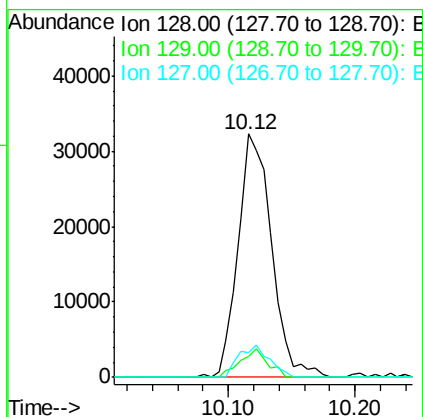
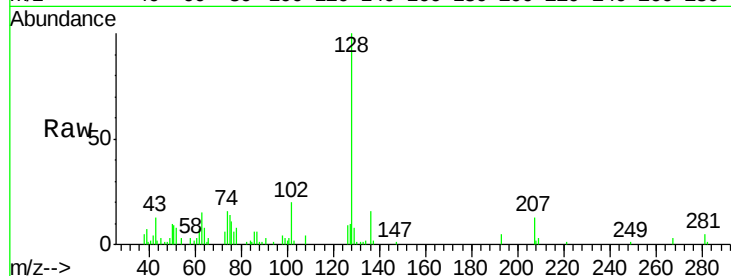




#31
Naphthalene
Concen: 2.18 ng
RT: 10.12 min Scan# 1246
Delta R.T. -0.09 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

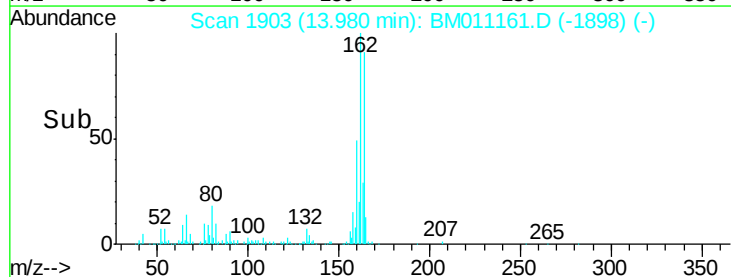
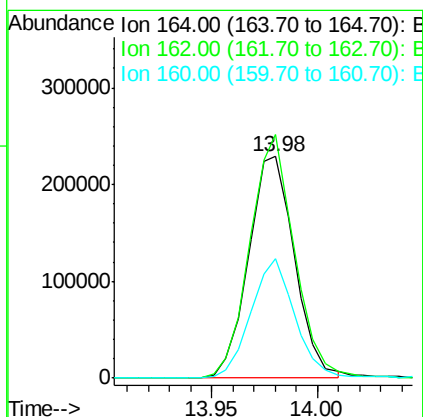
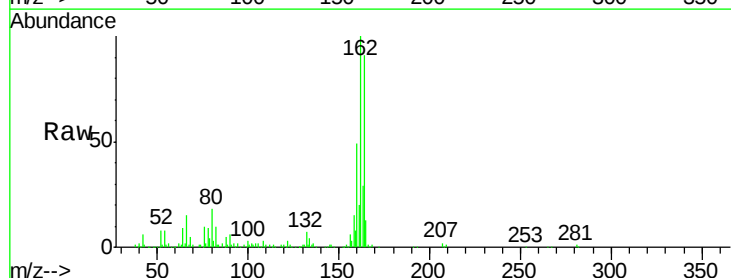
Instrument :
BNA_M
ClientSampleId :
PL-02-080317-B

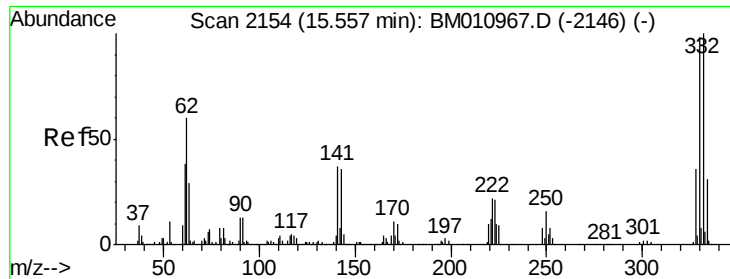
Tot Ion:128 Resp: 59373
Ion Ratio Lower Upper
128 100
129 8.4 8.9 13.3#
127 10.4 10.4 15.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:164 Resp: 346038
Ion Ratio Lower Upper
164 100
162 109.8 82.4 123.6
160 53.6 35.8 53.6

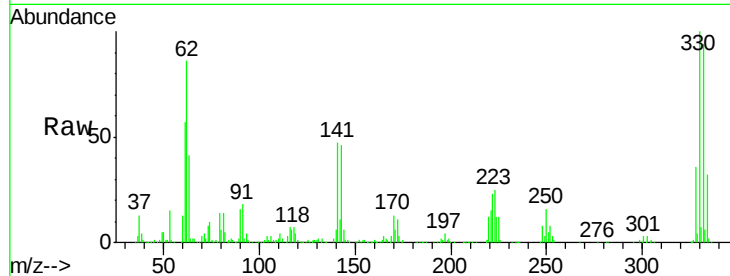




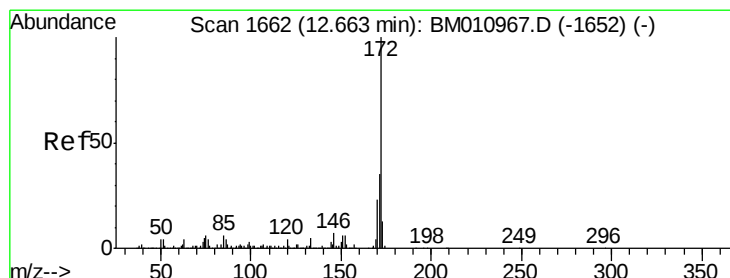
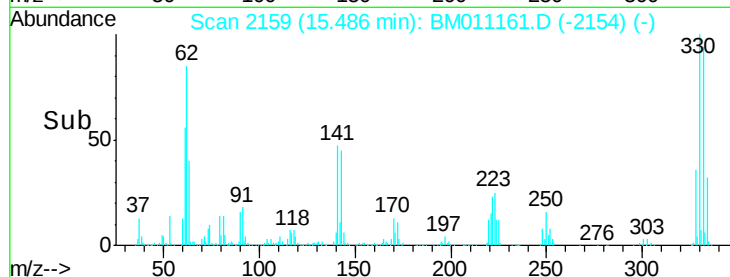
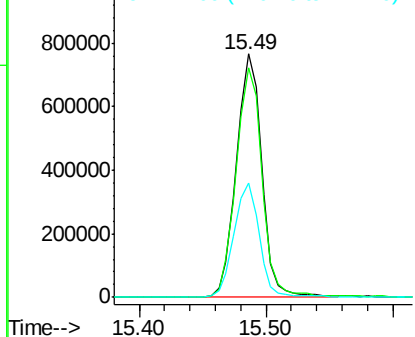
#41
 2,4,6-Tribromophenol
 Concen: 191.88 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011161.D
 Acq: 07 Aug 2017 20:30

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-B

Tot Ion:330 Resp: 1064193
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 47.0 0.0 0.0#

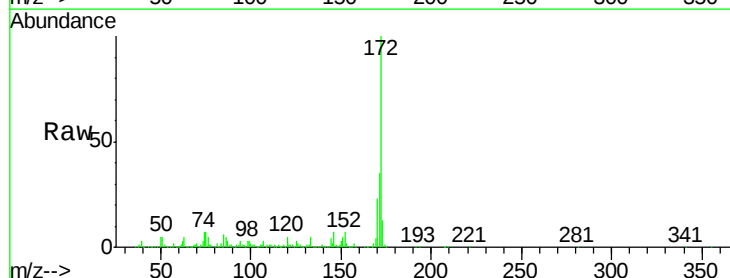


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

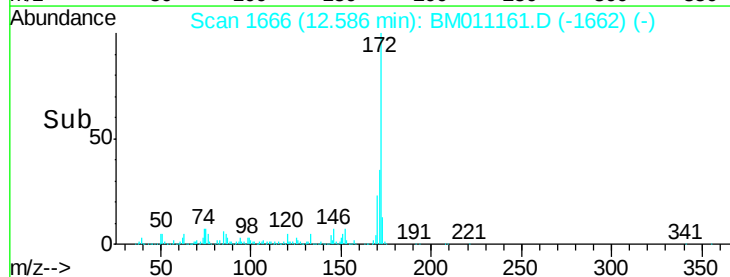
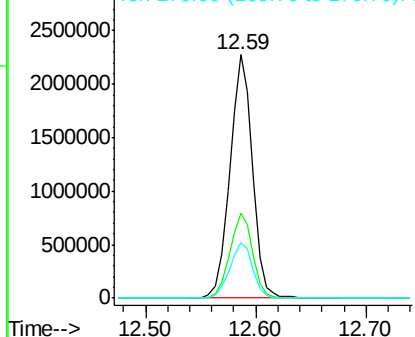


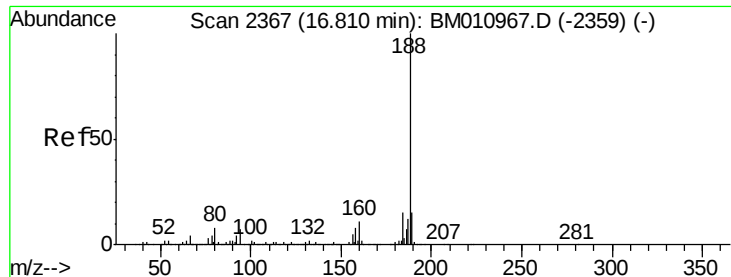
#44
 2-Fluorobiphenyl
 Concen: 117.75 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011161.D
 Acq: 07 Aug 2017 20:30

Tgt Ion:172 Resp: 3248895
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 22.9 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

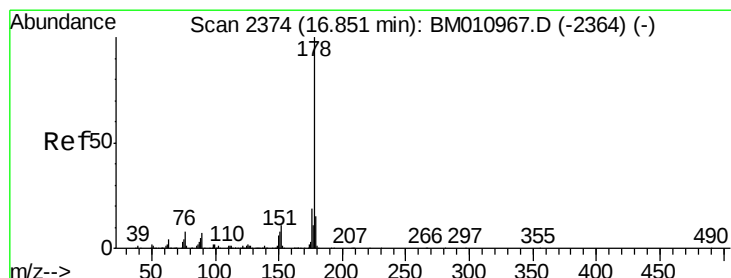
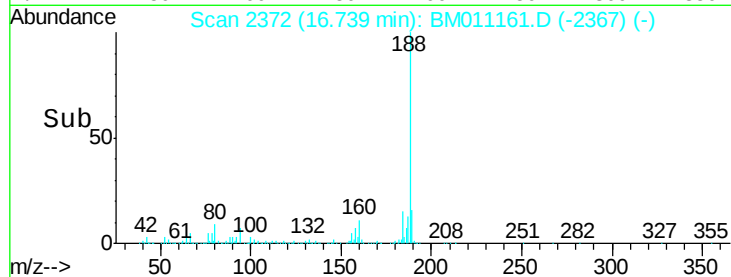
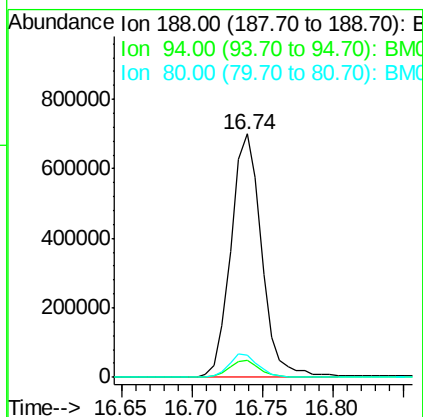
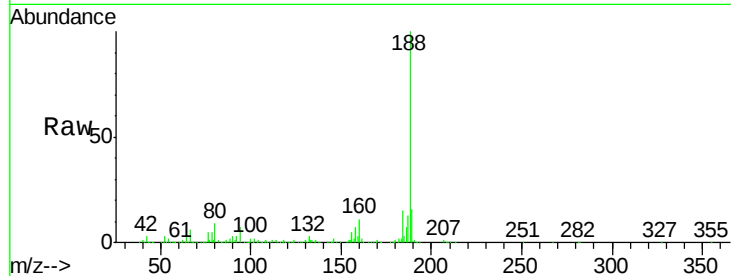




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

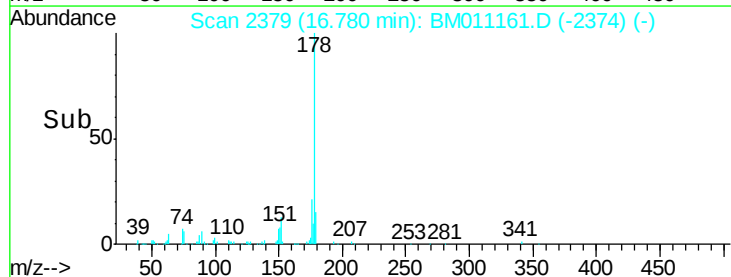
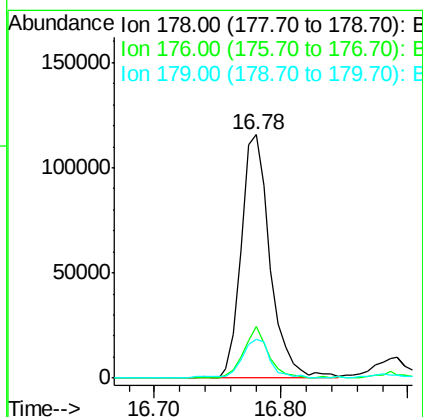
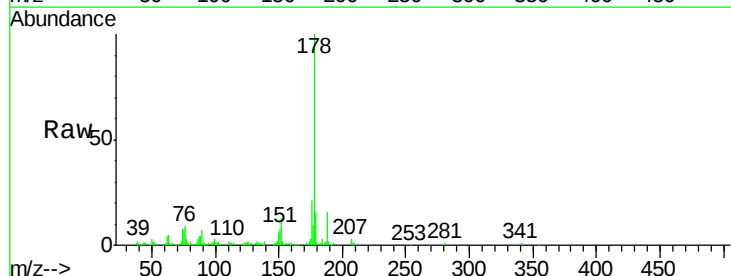
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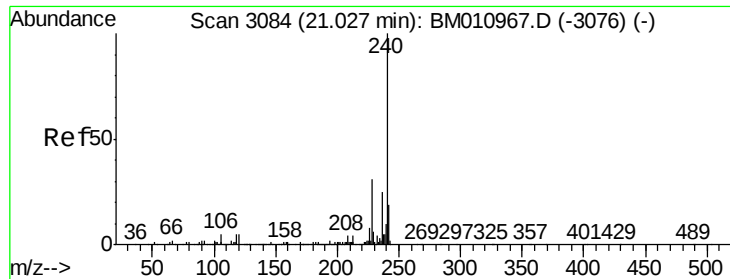
Tot Ion:188 Resp: 1066837
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 9.0 9.3 13.9#



#70
Phenanthrene
Concen: 3.26 ng
RT: 16.78 min Scan# 2379
Delta R.T. -0.07 min
Lab File: BM011161.D
Acq: 07 Aug 2017 20:30

Tgt Ion:178 Resp: 181970
Ion Ratio Lower Upper
178 100
176 21.1 15.2 22.8
179 16.1 12.1 18.1

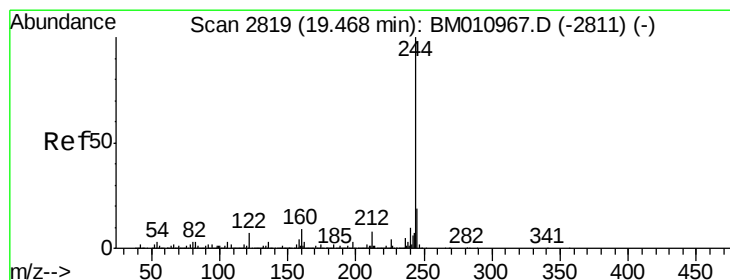
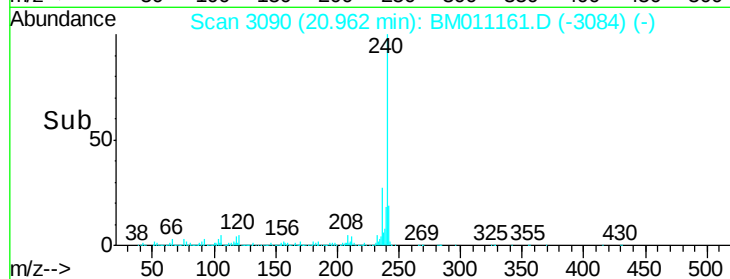
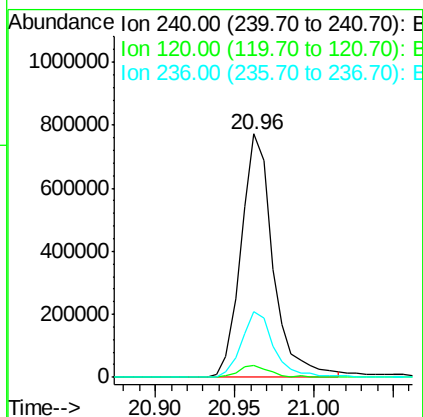
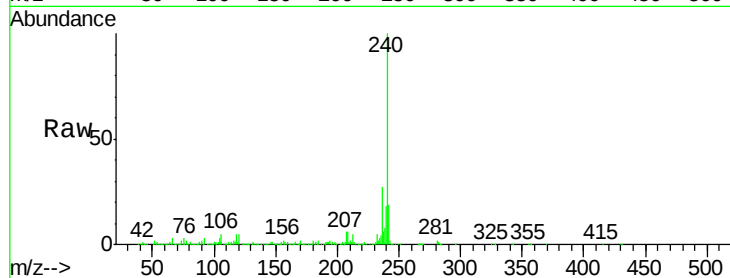




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.06 min
 Lab File: BM011161.D
 Acq: 07 Aug 2017 20:30

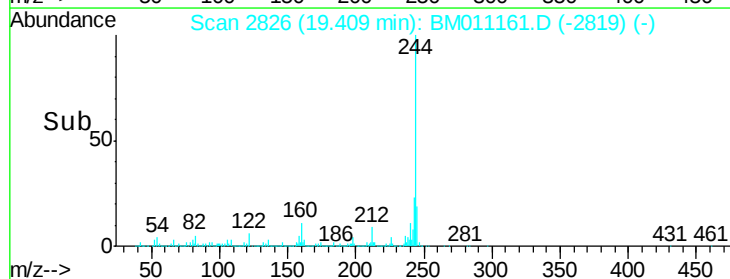
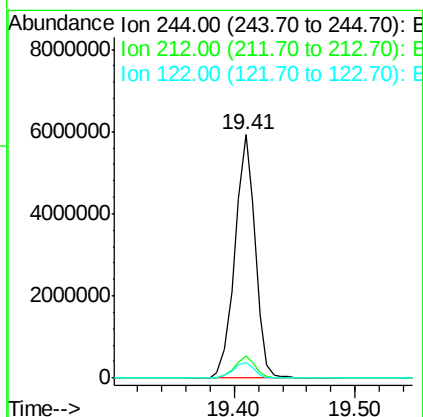
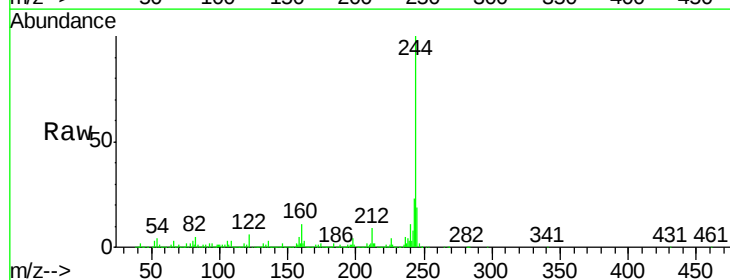
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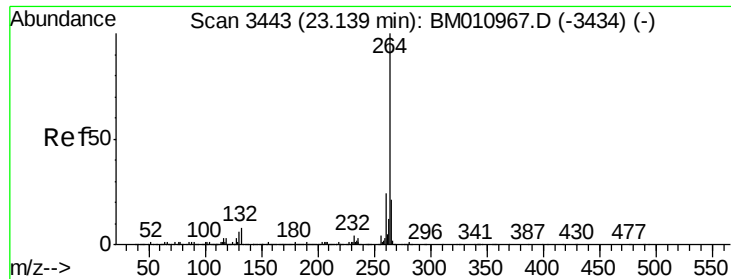
Tot Ion:240 Resp: 1083947
 Ion Ratio Lower Upper
 240 100
 120 5.0 8.2 12.2#
 236 27.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 126.74 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011161.D
 Acq: 07 Aug 2017 20:30

Tgt Ion:244 Resp: 6935418
 Ion Ratio Lower Upper
 244 100
 212 8.9 4.9 7.3#
 122 6.4 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011161.D
 Acq: 07 Aug 2017 20:30

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
264	100		
260	33.7	18.6	27.8#
265	22.8	17.3	25.9

