

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016631.D
 Acq On : 28 Aug 2018 07:03
 Operator : SJ/JU
 Sample : PB112404BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 07:37:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

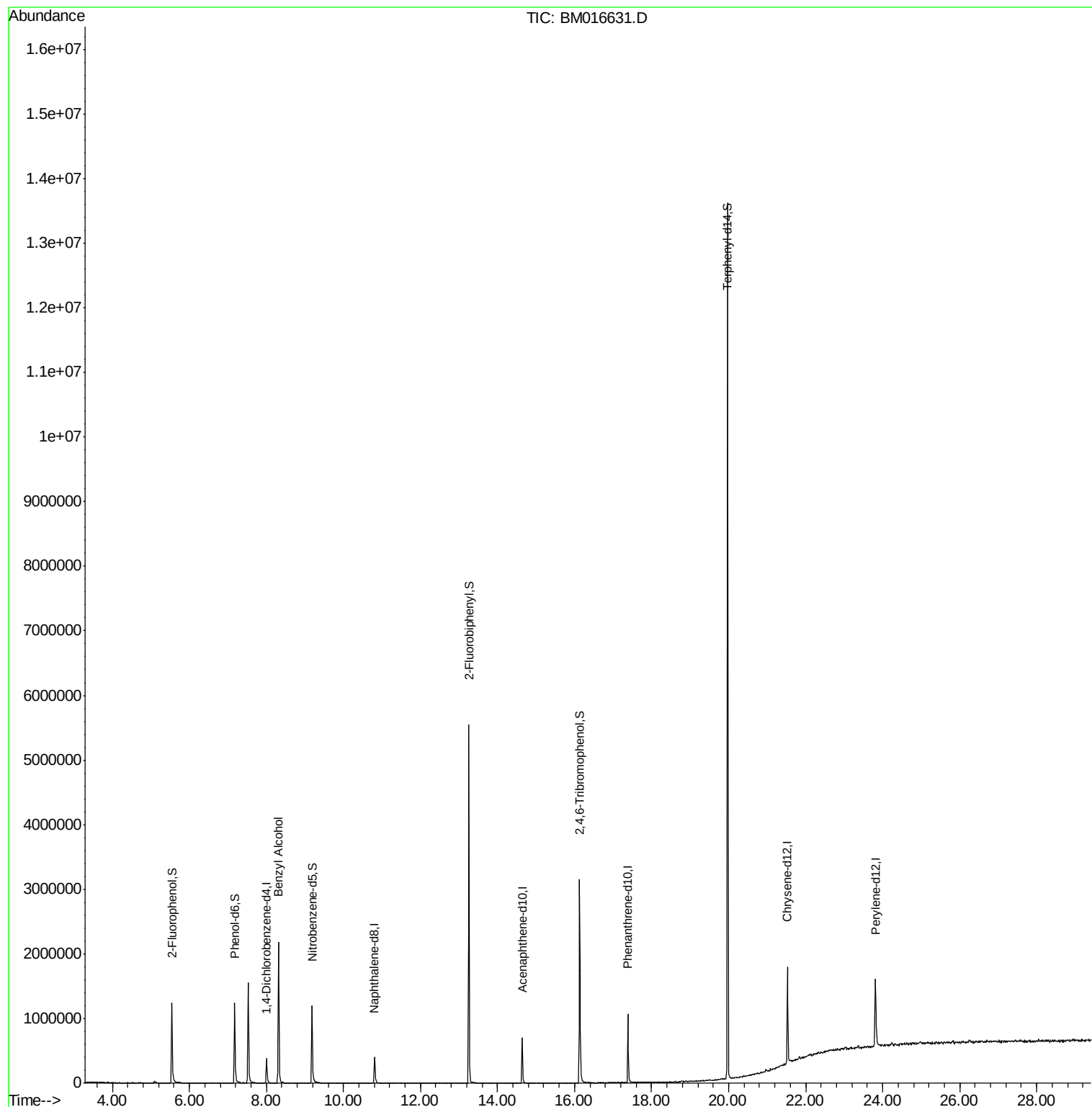
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	89735	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	289180	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	204787	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	652961	20.00	ng	0.00
75) Chrysene-d12	21.53	240	747936	20.00	ng	0.00
86) Perylene-d12	23.81	264	849038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	425457	92.91	ng	0.00
7) Phenol-d6	7.17	99	520518	85.90	ng	0.00
23) Nitrobenzene-d5	9.19	82	674932	106.57	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	527866	92.21	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2355460	110.56	ng	0.00
78) Terphenyl-d14	19.97	244	4967387	140.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.32	79	15238	2.708	ng	Qvalue # 1

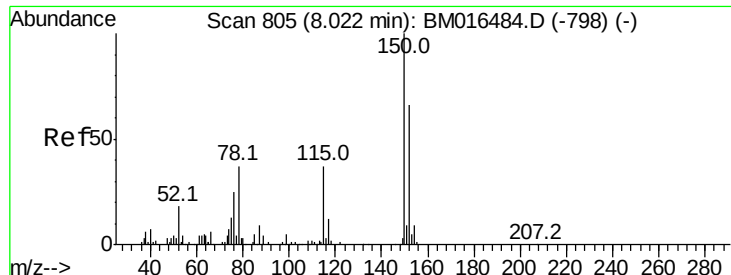
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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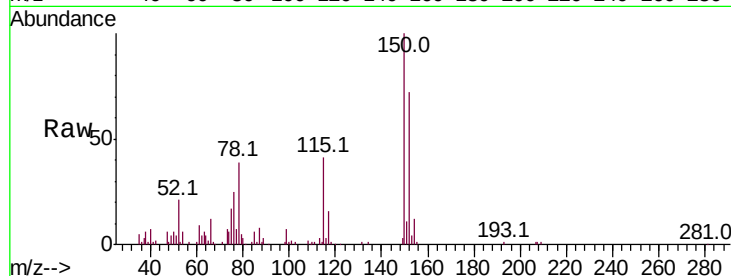


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.6	119.5	179.3
115	57.1	43.0	64.4

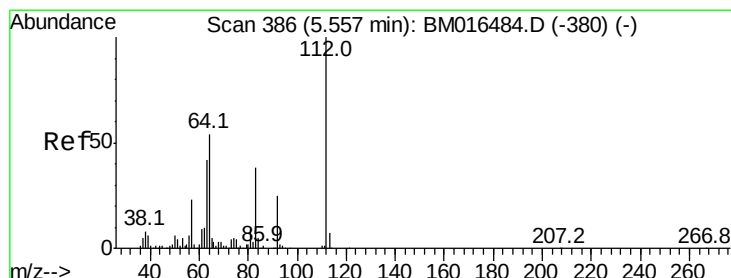
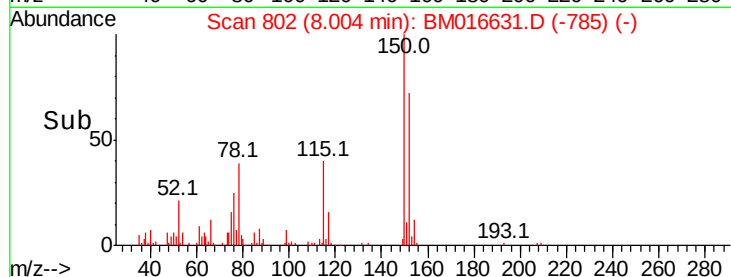
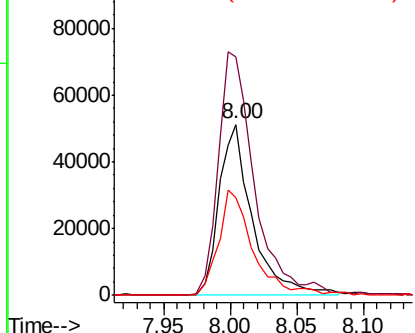


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

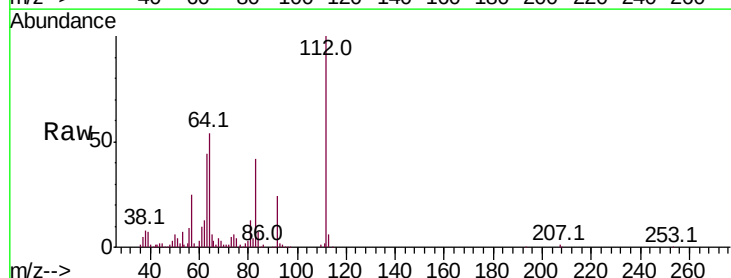
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.909 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	38.6	57.8
63	44.0	19.3	28.9

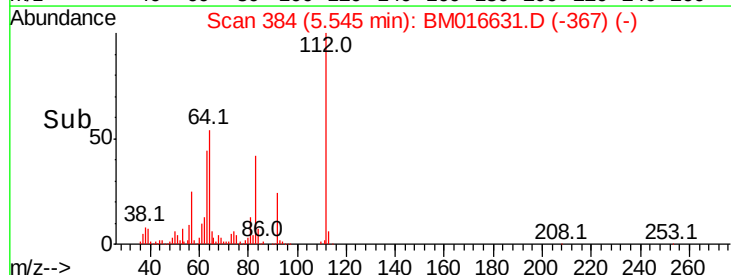
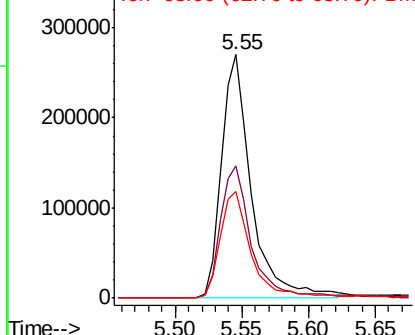


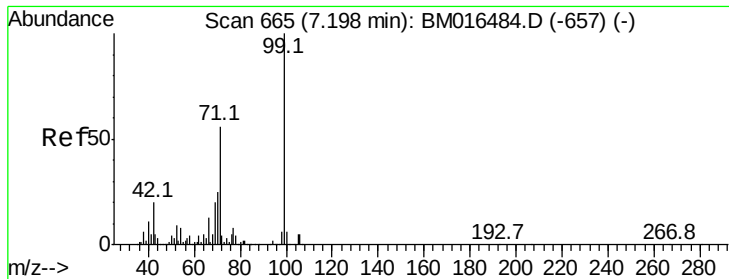
Abundance

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: 85.899 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

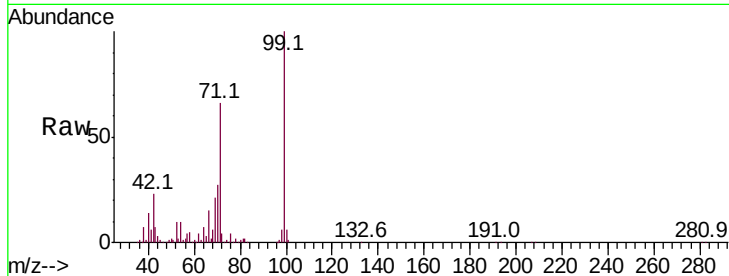
Tot Ion: 99 Resp: 520518

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

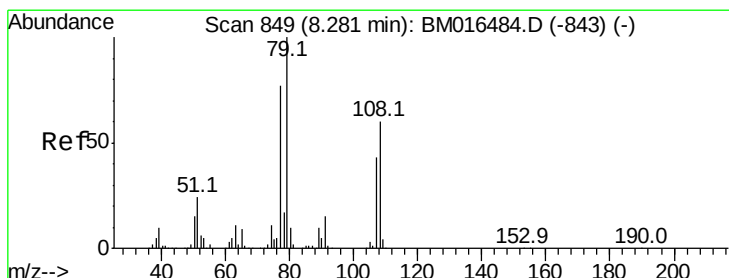
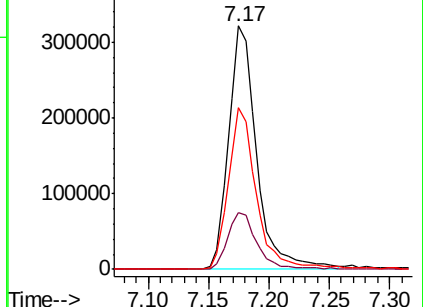
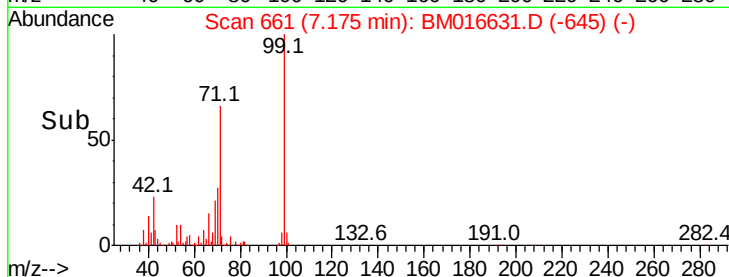
71 66.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.708 ng

RT: 8.32 min Scan# 855

Delta R.T. 0.05 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

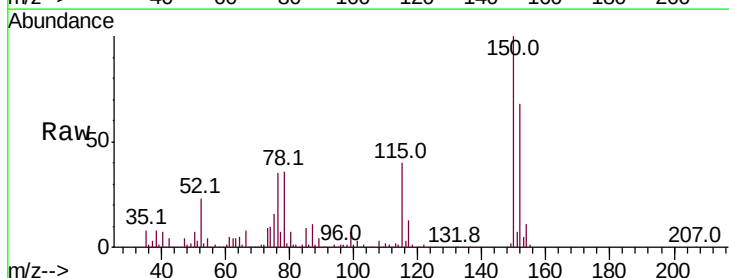
Tgt Ion: 79 Resp: 15238

Ion Ratio Lower Upper

79 100

108 132.0 65.0 97.4#

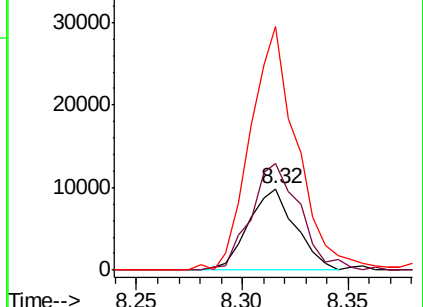
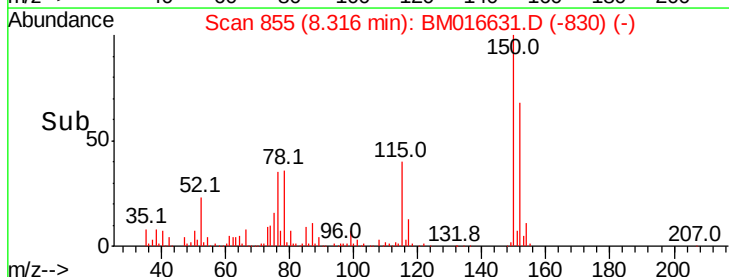
77 300.2 53.0 79.6#

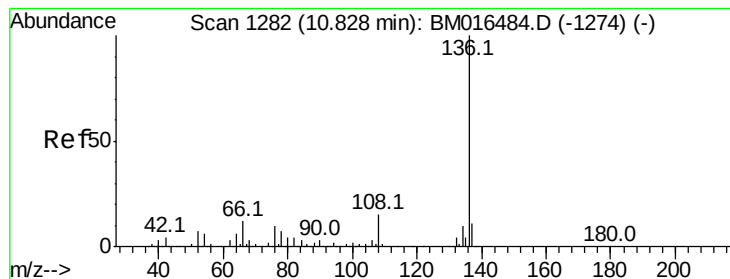


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 289180

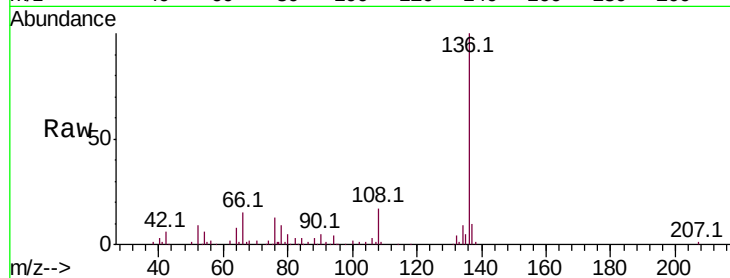
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.9 4.6 6.8

68 2.4 3.7 5.5#

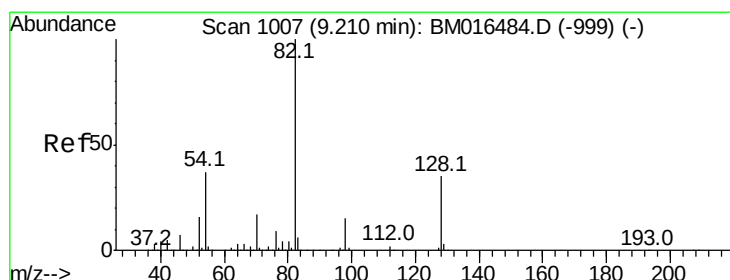
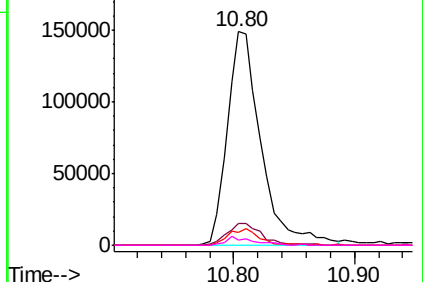
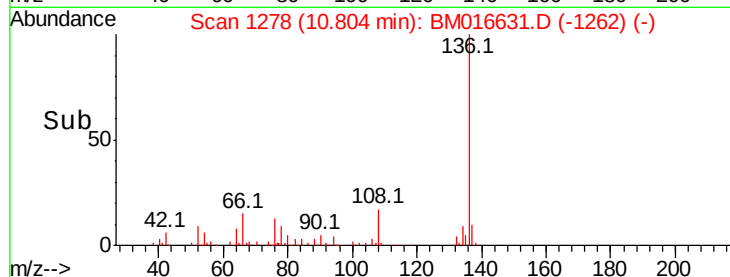


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.566 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

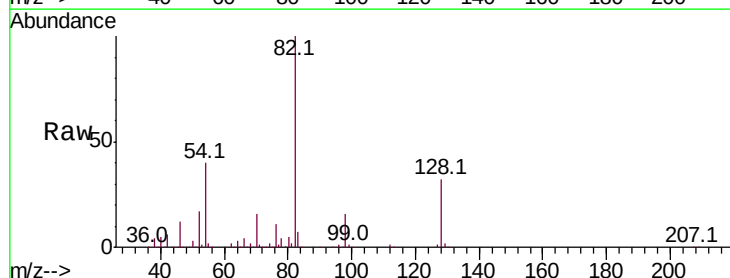
Tgt Ion: 82 Resp: 674932

Ion Ratio Lower Upper

82 100

128 31.8 32.8 49.2#

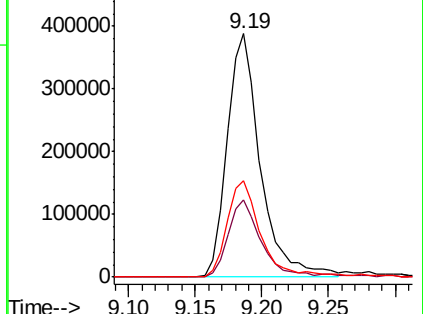
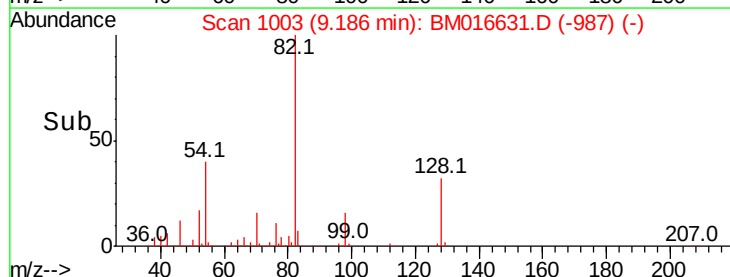
54 39.8 40.6 60.8#

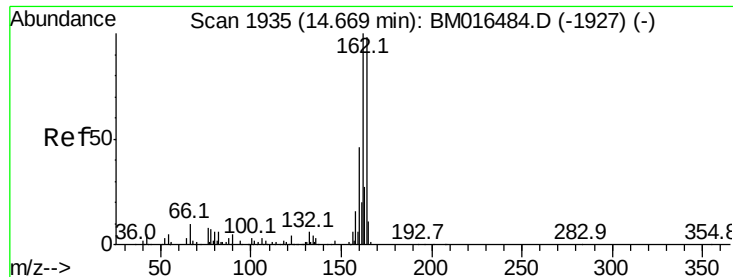


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 204787

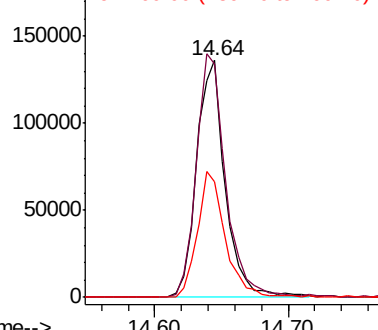
Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.4	123.6
160	48.9	35.8	53.6

Abundance

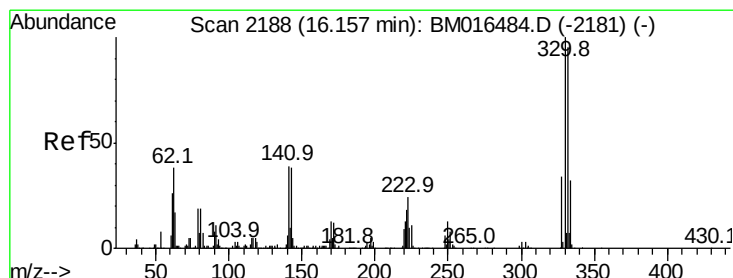
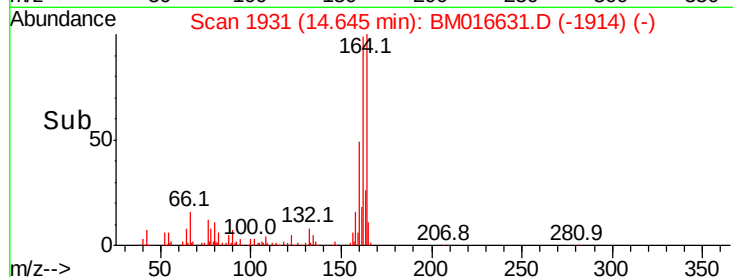
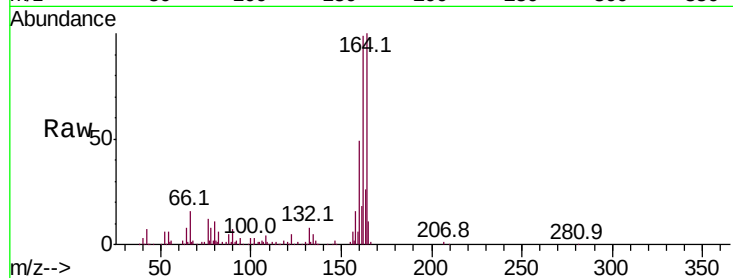
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 92.209 ng

RT: 16.13 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Tgt Ion:330 Resp: 527866

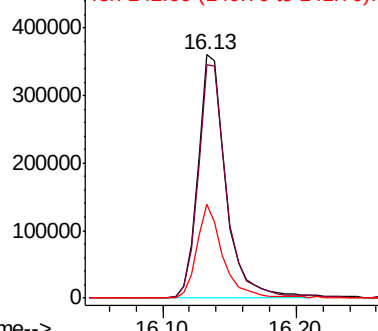
Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.1	0.0	0.0#

Abundance

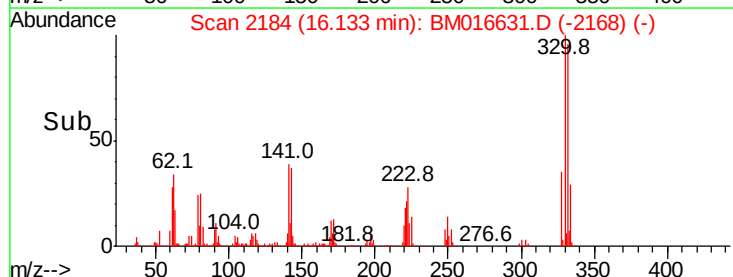
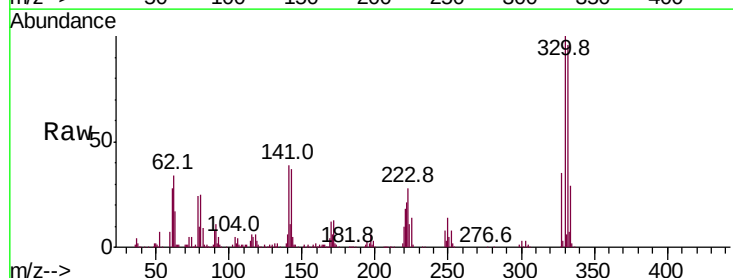
Ion 329.80 (329.50 to 330.50): E

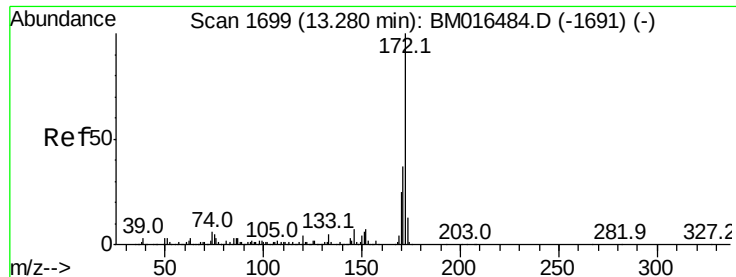
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

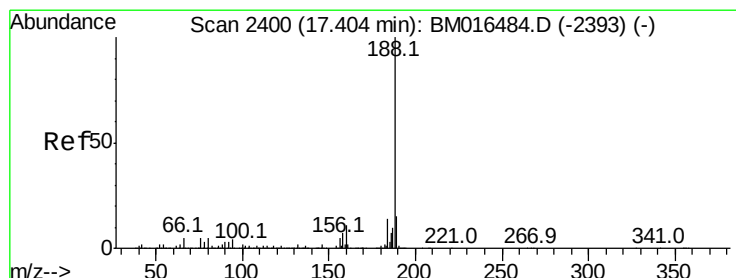
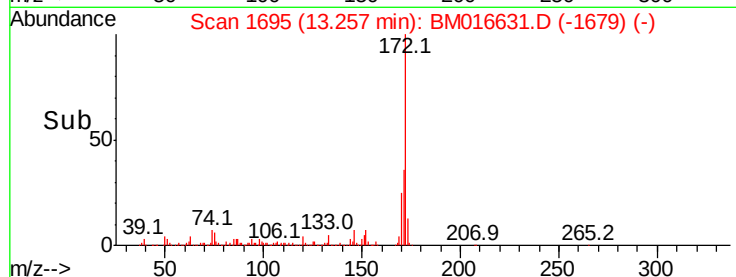
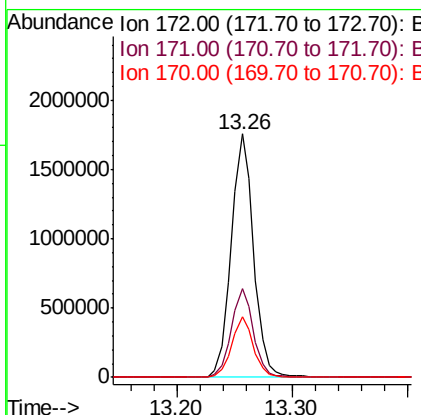
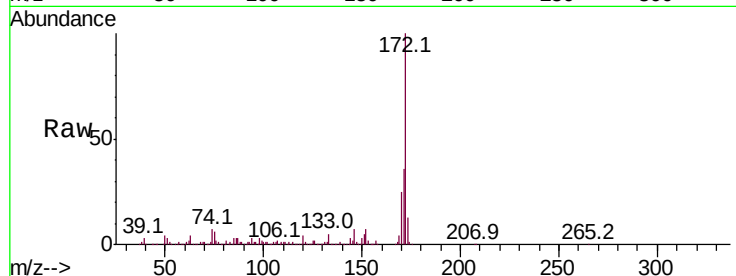




#44
2-Fluorobiphenyl
Concen: 110.560 ng
RT: 13.26 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

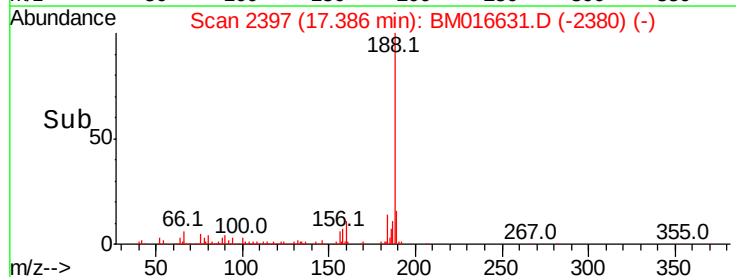
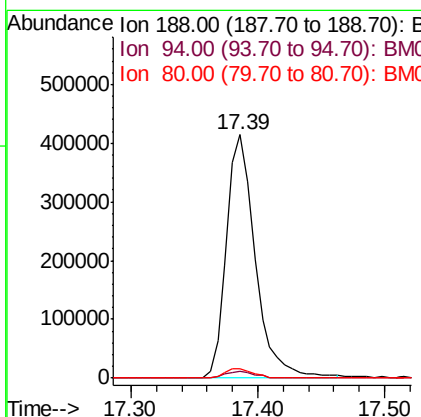
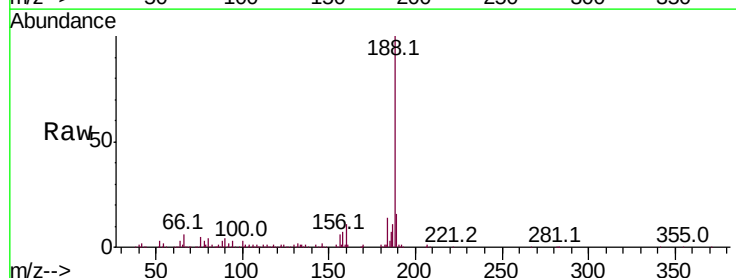
Instrument :
BNA_M
ClientSampleId :

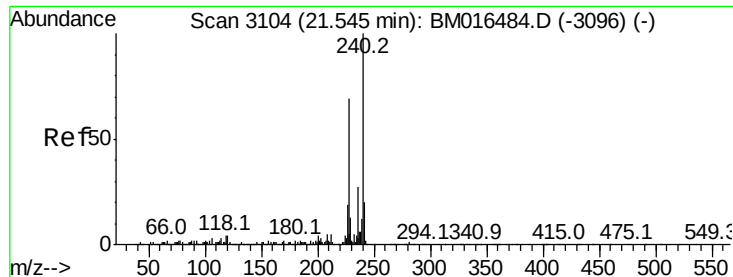
Tot Ion:172 Resp: 2355460
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Tgt Ion:188 Resp: 652961
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.7 9.3 13.9#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

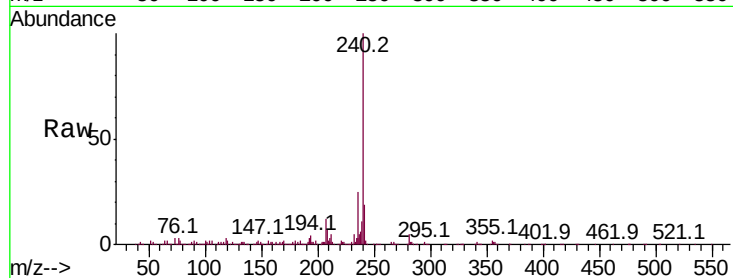
Tot Ion:240 Resp: 747936

Ion Ratio Lower Upper

240 100

120 2.1 8.2 12.2#

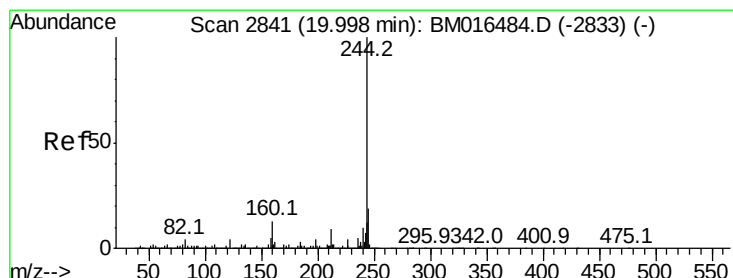
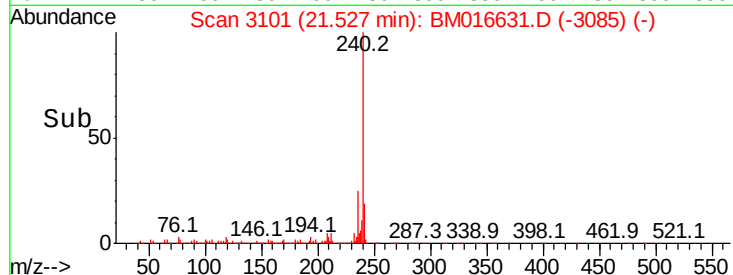
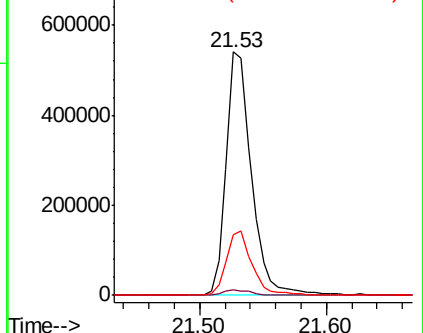
236 25.1 20.0 30.0



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: 140.571 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

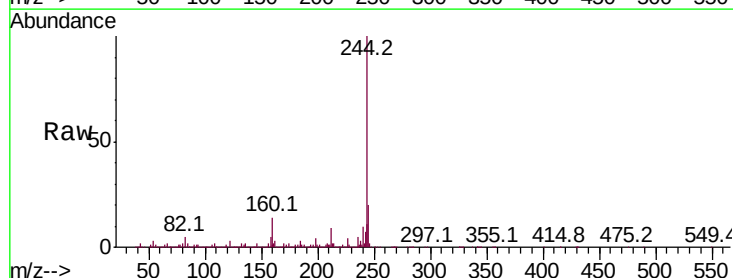
Tgt Ion:244 Resp: 4967387

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

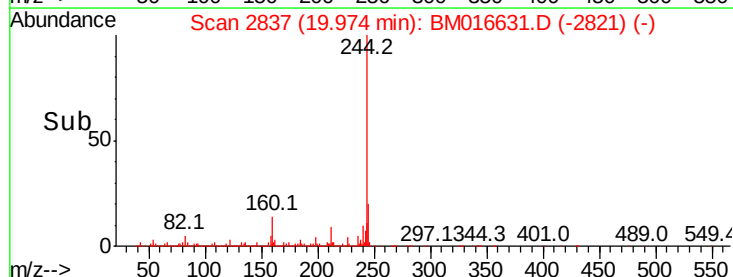
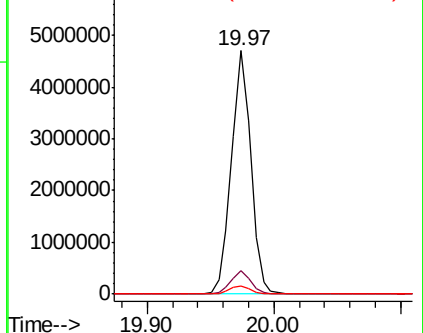
122 3.2 6.2 9.4#

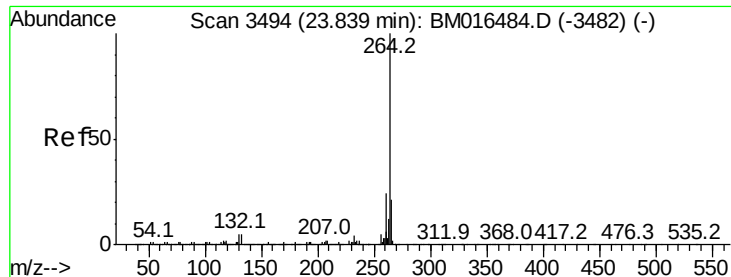


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	27.8
265	23.1	17.3	25.9

