

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016552.D
 Acq On : 23 Aug 2018 12:40
 Operator : SJ/JU
 Sample : PB112169BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BL

Quant Time: Aug 23 14:08:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	127707	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	385805	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	294107	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	977745	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1200886	20.00	ng	0.00
86) Perylene-d12	23.82	264	1353927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	672495	103.19	ng	0.00
7) Phenol-d6	7.19	99	794322	92.11	ng	-0.01
23) Nitrobenzene-d5	9.20	82	637388	75.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	888559	108.08	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2257669	73.79	ng	-0.01
78) Terphenyl-d14	19.99	244	5566894	98.12	ng	-0.01

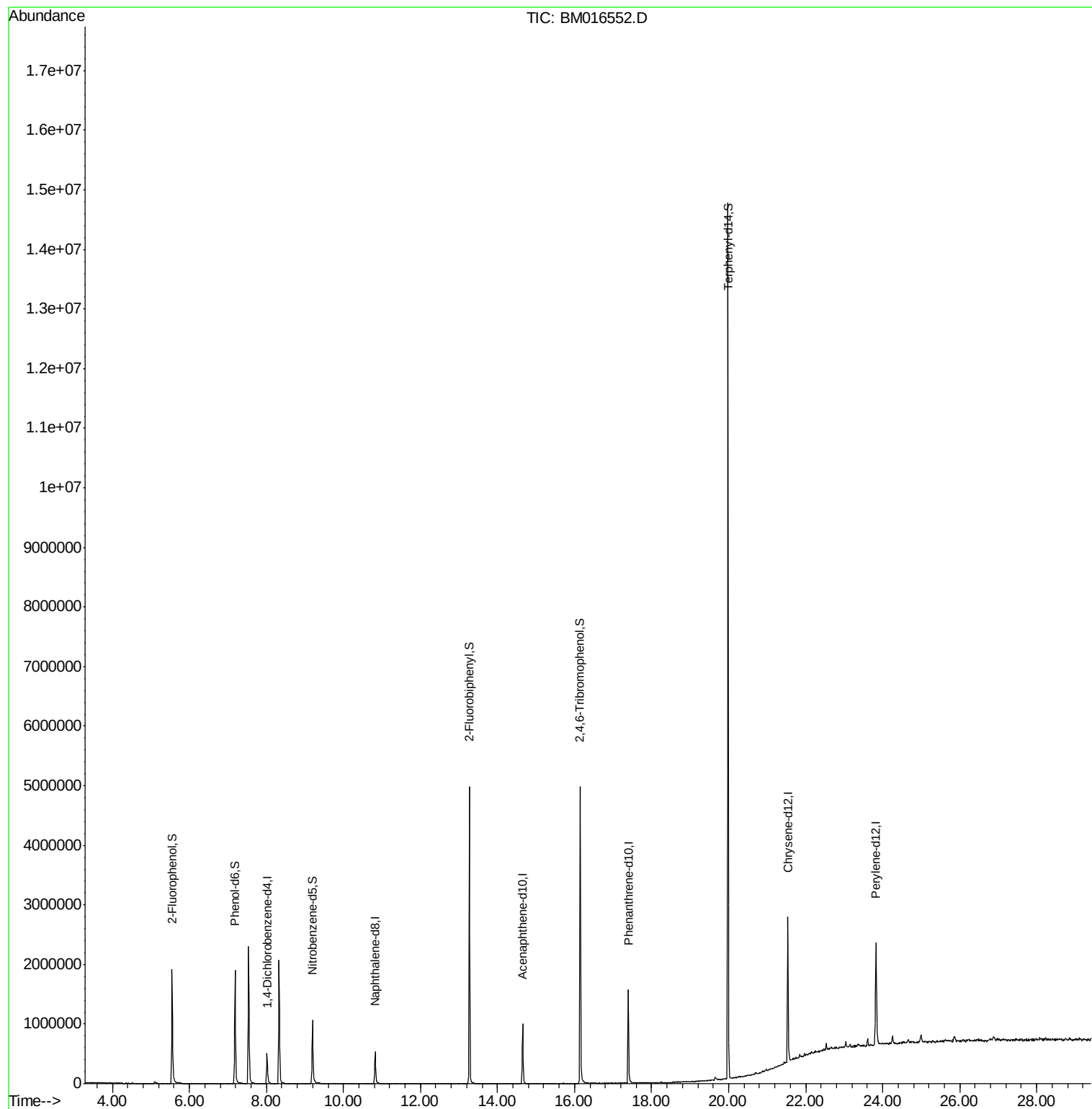
Target Compounds Qvalue

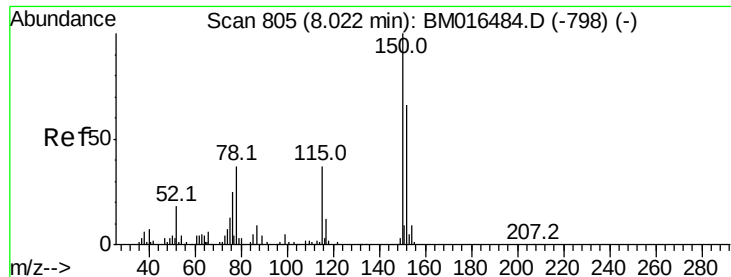
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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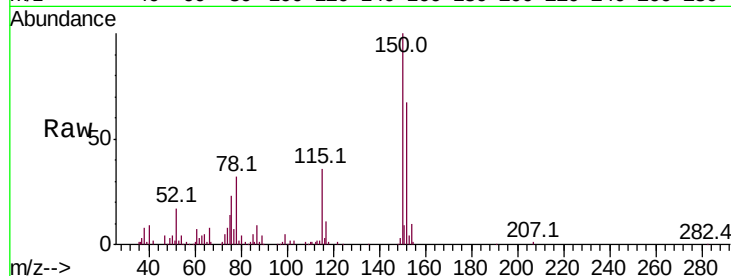


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016552.D
Acq: 23 Aug 2018 12:40

Instrument :
BNA_M
ClientSampleId :
PB112169BL

Tot Ion	152	Resp	127707
Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	54.8	43.0	64.4

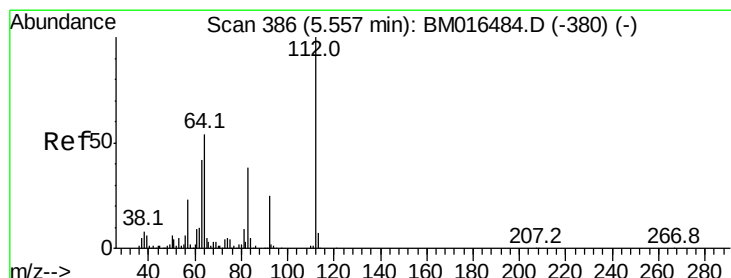
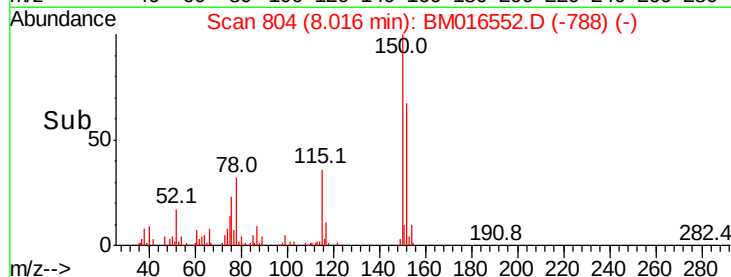
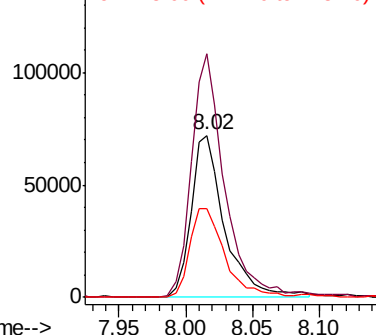


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

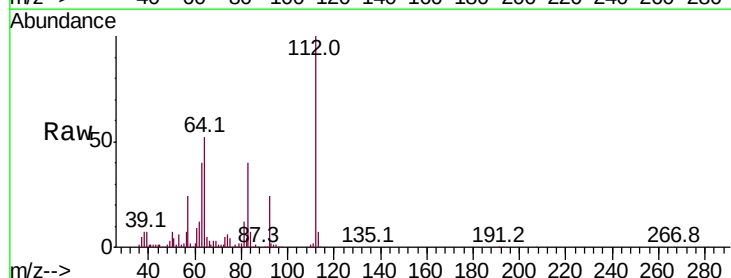
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.190 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016552.D
Acq: 23 Aug 2018 12:40

Tgt Ion	112	Resp	672495
Ion	Ratio	Lower	Upper
112	100		
64	52.4	38.6	57.8
63	40.1	19.3	28.9

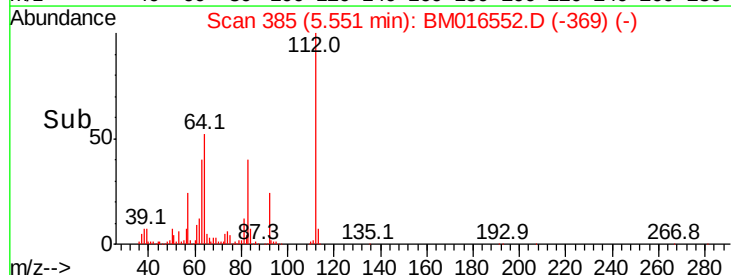
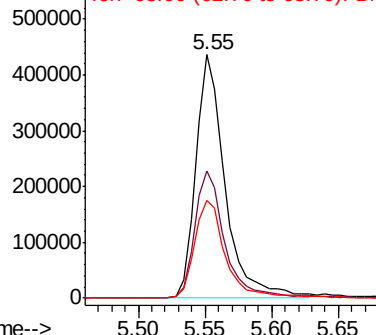


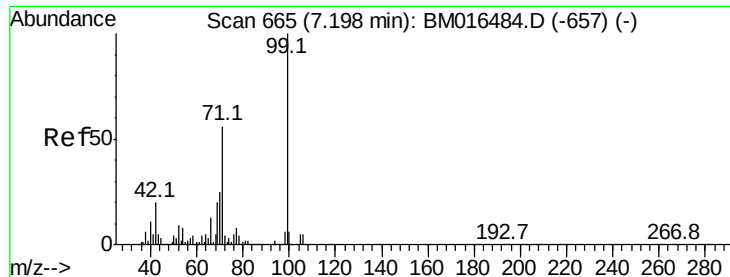
Abundance

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: 92.107 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

Instrument :

BNA_M

ClientSampleId :

PB112169BL

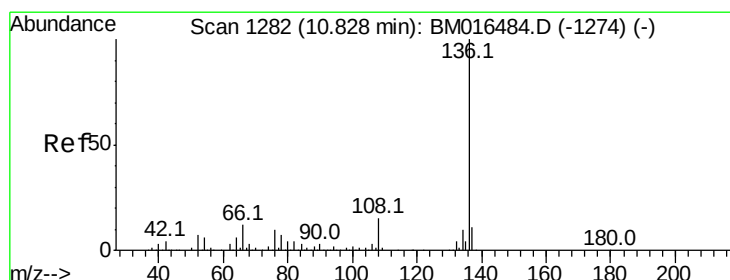
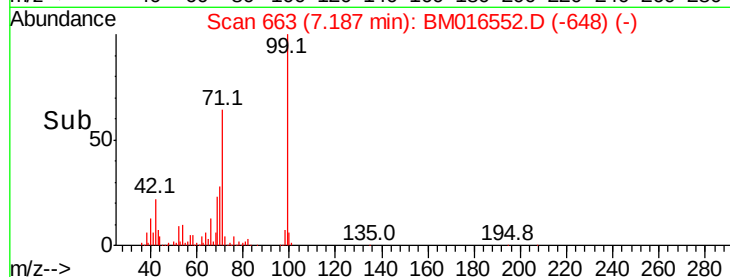
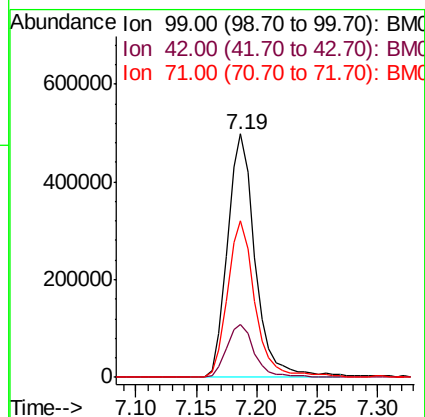
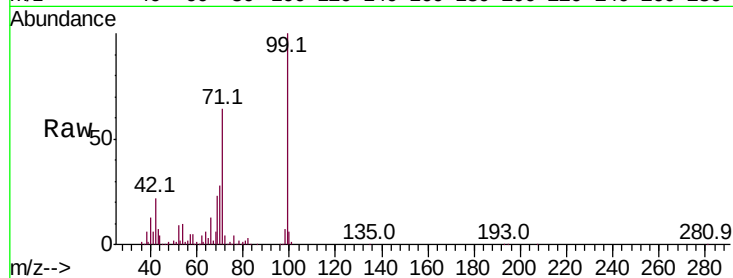
Tot Ion: 99 Resp: 794322

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 64.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

Tgt Ion: 136 Resp: 385805

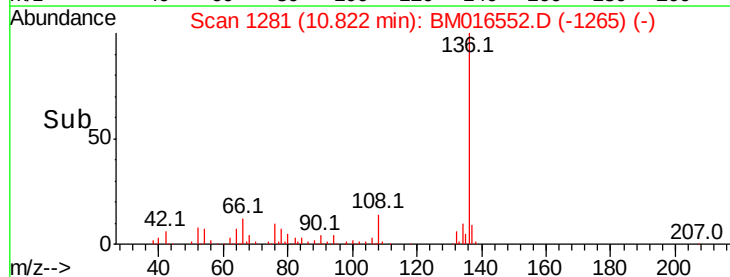
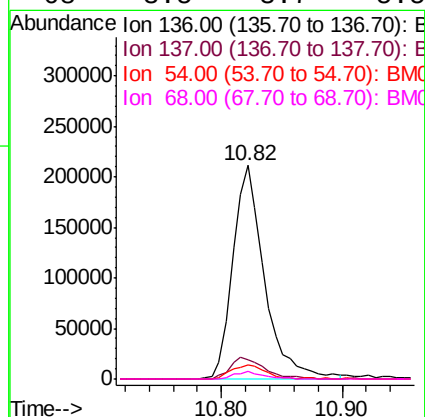
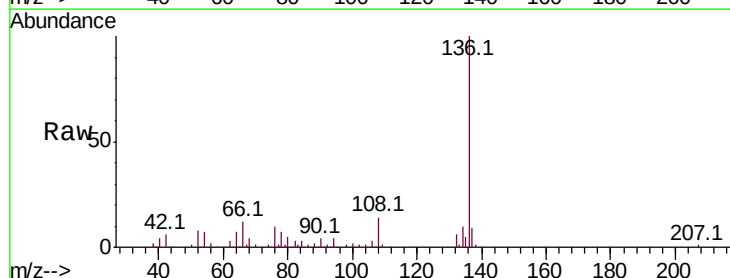
Ion Ratio Lower Upper

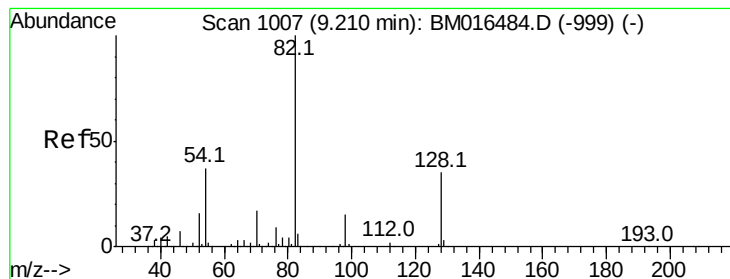
136 100

137 9.1 8.7 13.1

54 6.6 4.6 6.8

68 3.5 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 75.433 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

Instrument :

BNA_M

ClientSampleId :

PB112169BL

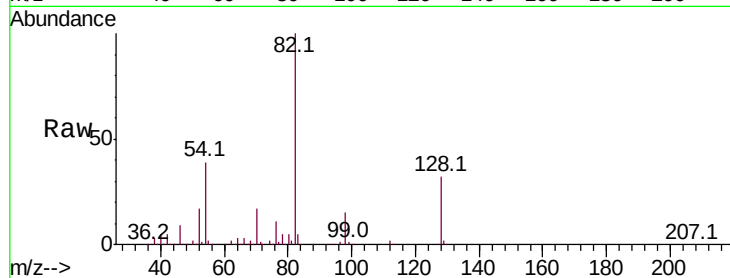
Tot Ion: 82 Resp: 637388

Ion Ratio Lower Upper

82 100

128 32.0 32.8 49.2#

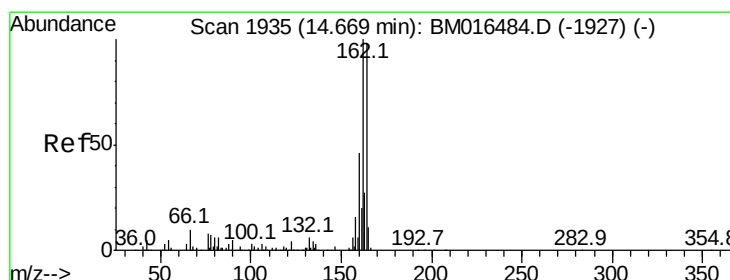
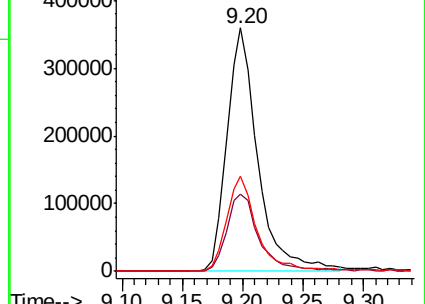
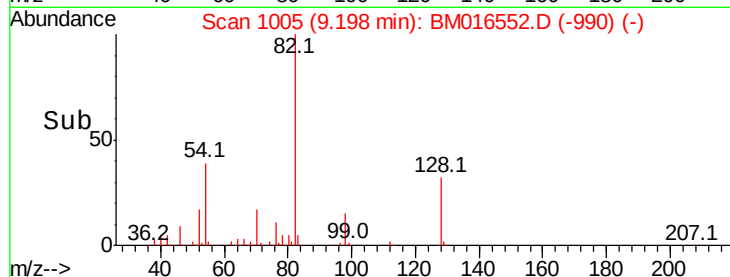
54 39.0 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

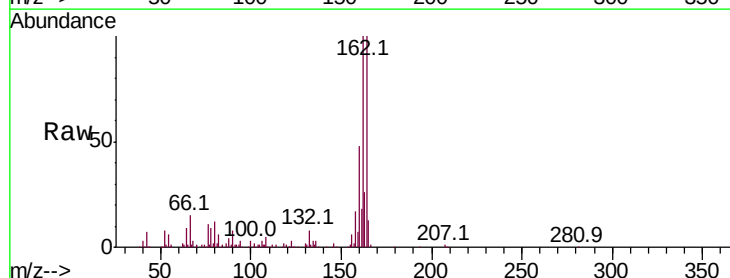
Tgt Ion:164 Resp: 294107

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

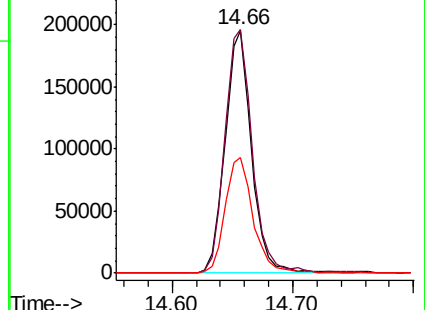
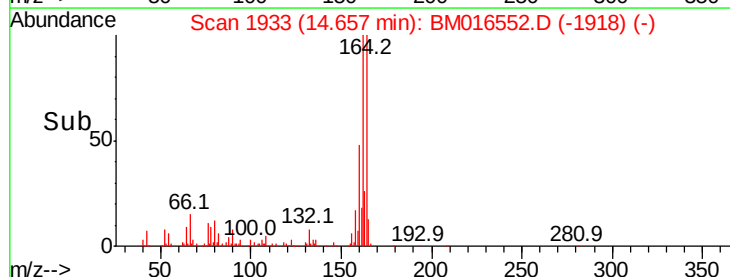
160 47.7 35.8 53.6

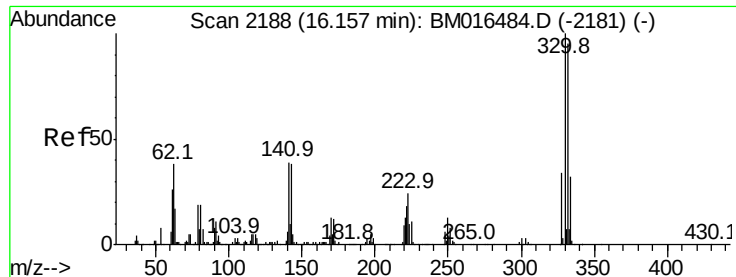


Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

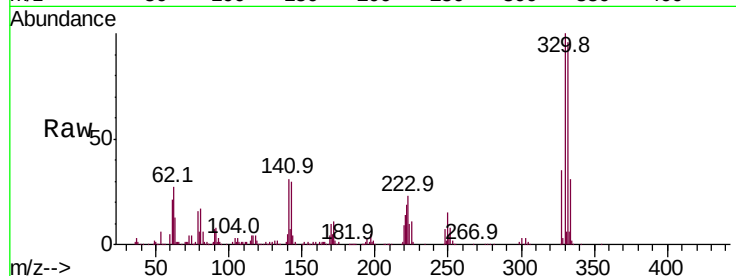




#41
 2,4,6-Tribromophenol
 Concen: 108.077 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016552.D
 Acq: 23 Aug 2018 12:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	34.5	0.0	0.0#

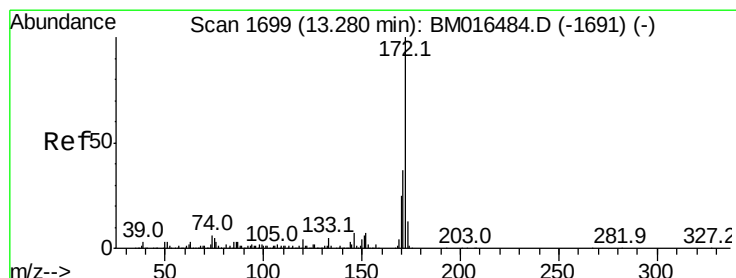
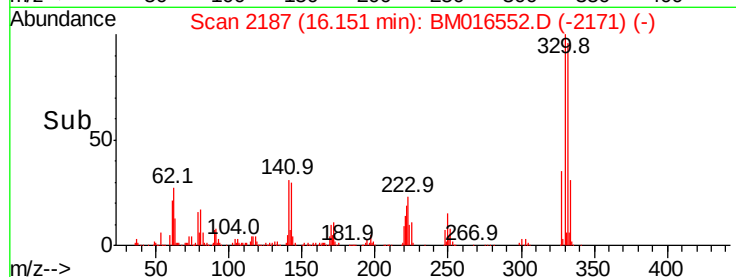
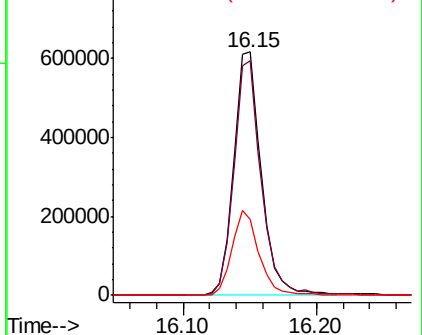


Abundance

Ion 329.80 (329.50 to 330.50): E

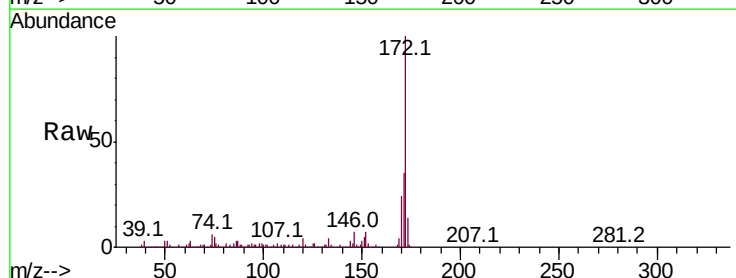
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.787 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016552.D
 Acq: 23 Aug 2018 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.9	18.8	28.2

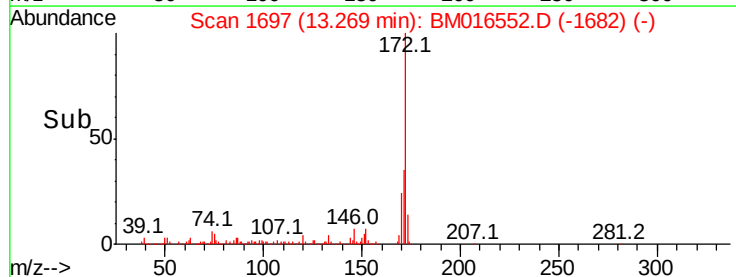
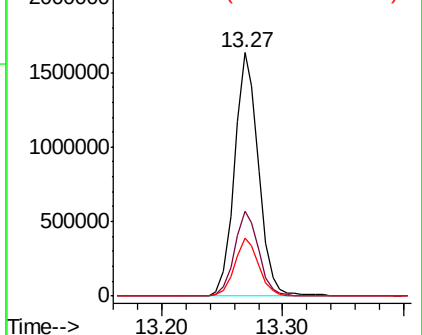


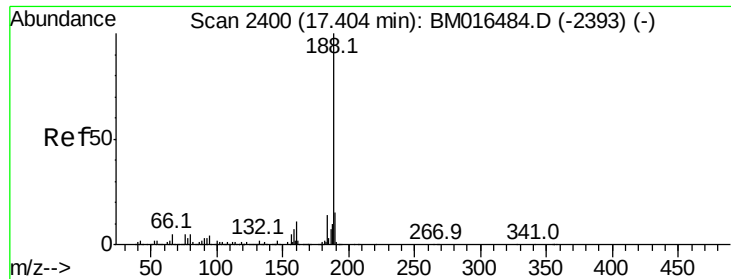
Abundance

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

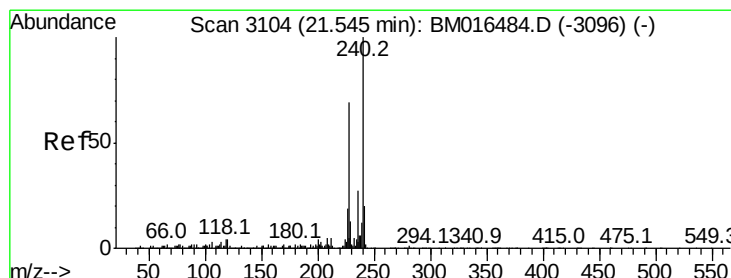
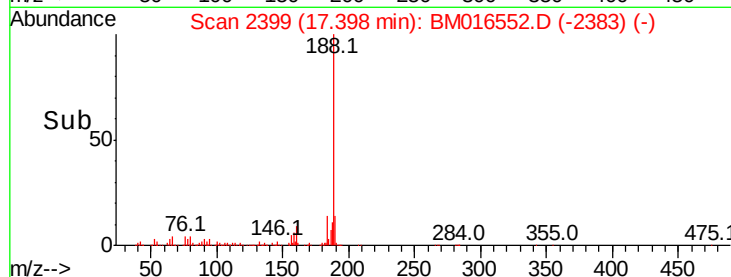
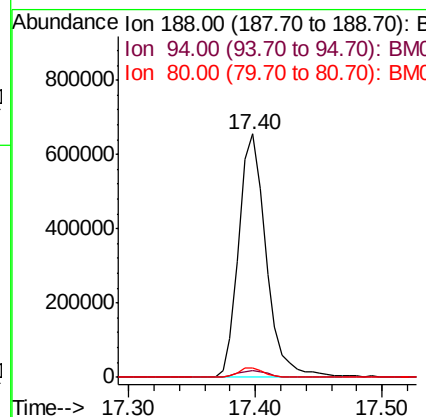
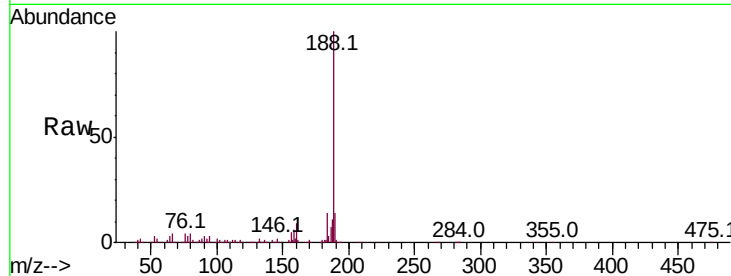




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016552.D
Acq: 23 Aug 2018 12:40

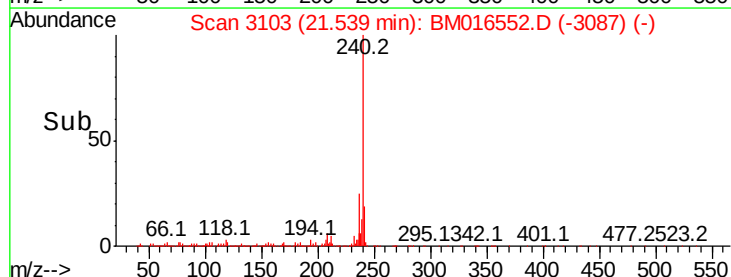
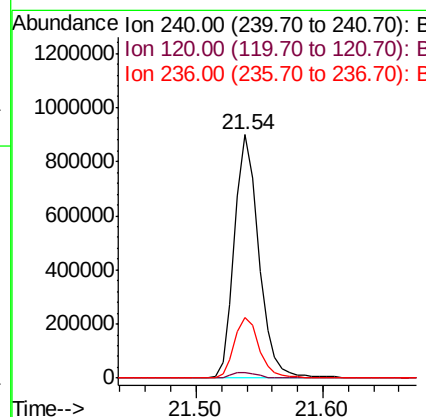
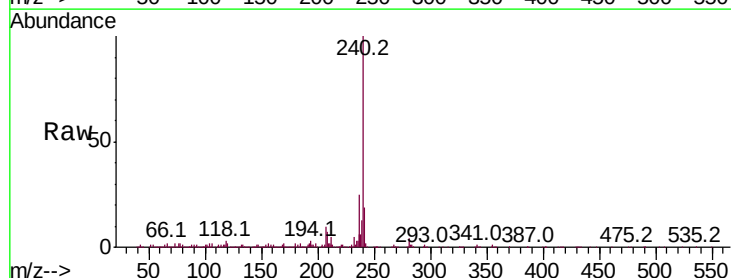
Instrument :
BNA_M
ClientSampleId :
PB112169BL

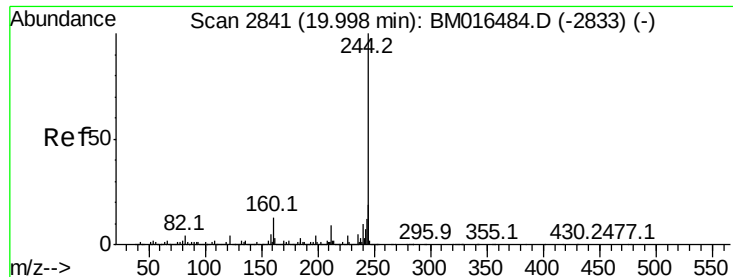
Tot Ion:188 Resp: 977745
Ion Ratio Lower Upper
188 100
94 2.7 8.7 13.1#
80 3.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016552.D
Acq: 23 Aug 2018 12:40

Tgt Ion:240 Resp: 1200886
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 98.117 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

Instrument :

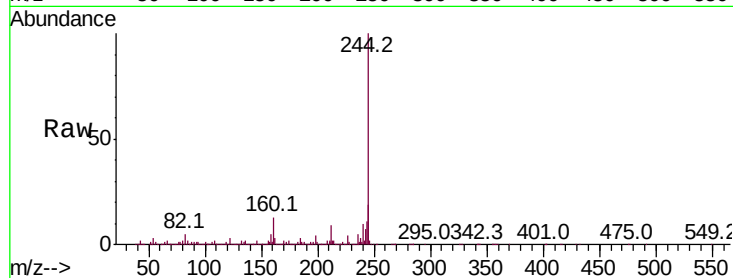
BNA_M

ClientSampleId :

PB112169BL

Tot Ion:244 Resp: 5566894

Ion	Ratio	Lower	Upper
244	100		
212	9.3	4.9	7.3#
122	3.4	6.2	9.4#

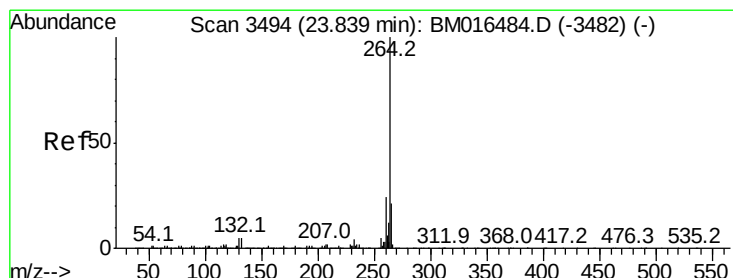
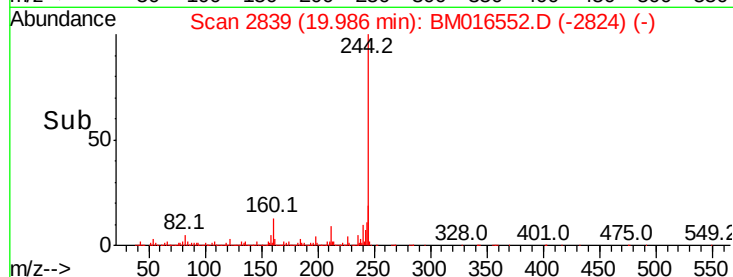
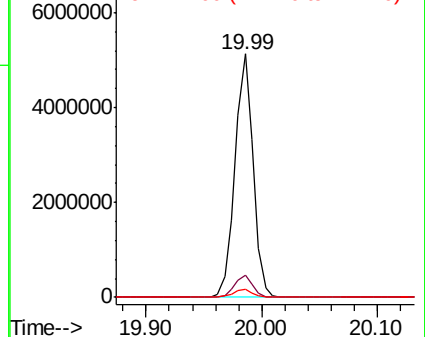


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 23.82 min Scan# 3491

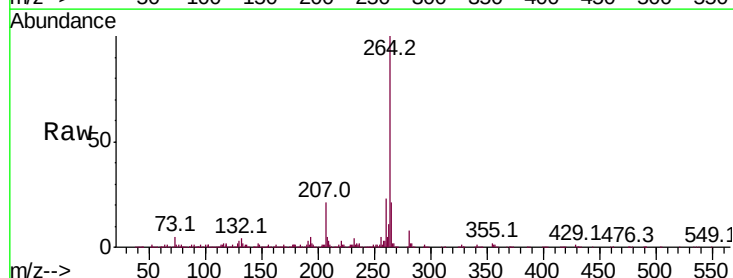
Delta R.T. -0.02 min

Lab File: BM016552.D

Acq: 23 Aug 2018 12:40

Tgt Ion:264 Resp: 1353927

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.3	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

