

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016681.D
 Acq On : 05 Sep 2018 20:55
 Operator : SJ/JU
 Sample : PB112623BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112623BL

Quant Time: Sep 06 04:25:23 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	7.96	152	63159	20.00	ng	-0.04
21) Naphthalene-d8	10.77	136	198786	20.00	ng	-0.04
38) Acenaphthene-d10	14.60	164	128642	20.00	ng	-0.04
63) Phenanthrene-d10	17.35	188	352139	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	394731	20.00	ng	-0.03
86) Perylene-d12	23.77	264	512206	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	456058	141.50	ng	-0.04
7) Phenol-d6	7.15	99	551855	129.39	ng	-0.04
23) Nitrobenzene-d5	9.15	82	502459	115.41	ng	-0.04
41) 2,4,6-Tribromophenol	16.10	330	529860	147.34	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	1491259	111.43	ng	-0.04
78) Terphenyl-d14	19.94	244	2653697	142.29	ng	-0.04

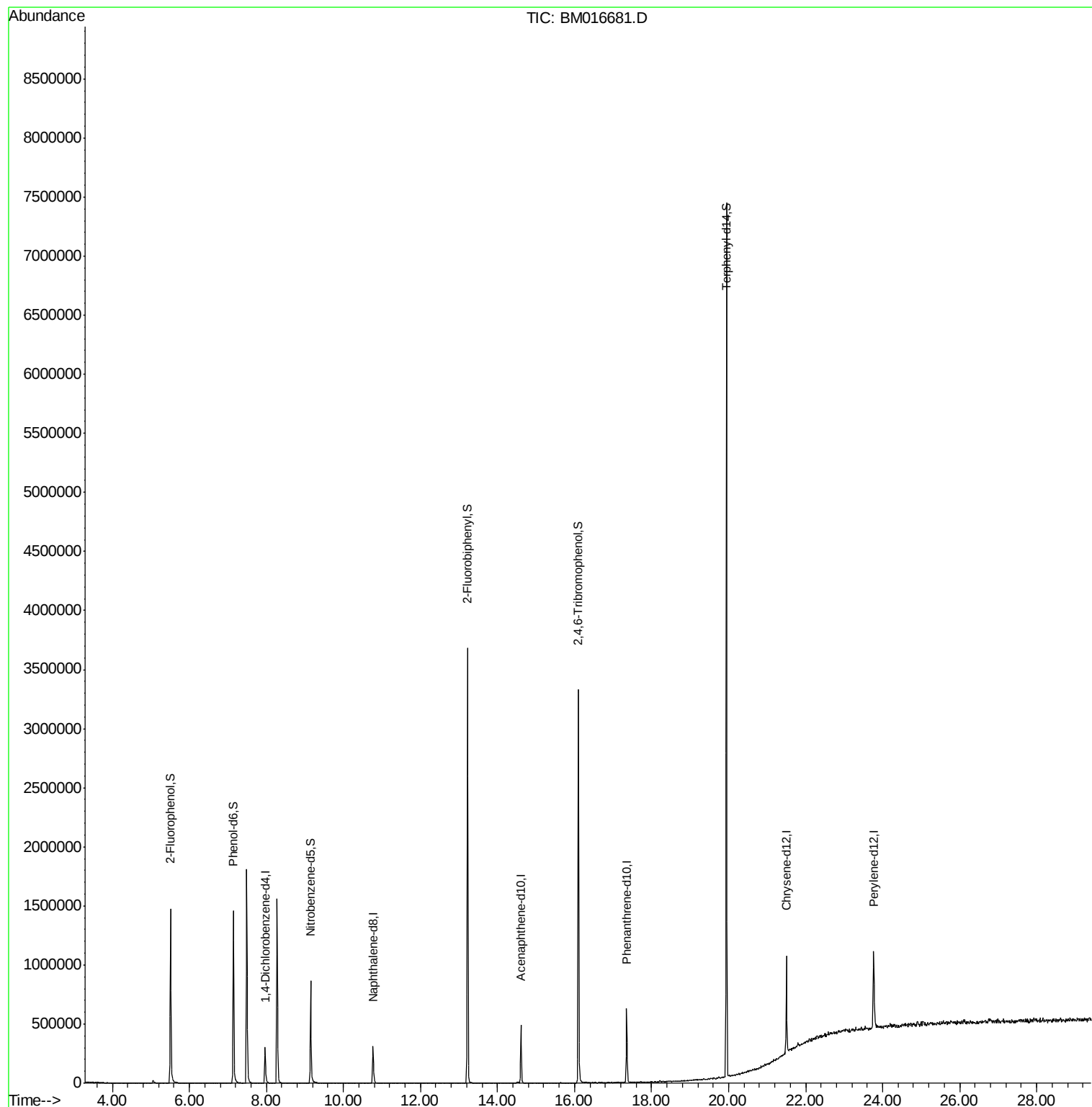
Target Compounds Qvalue

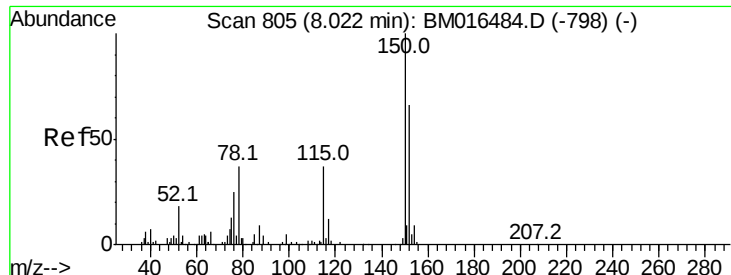
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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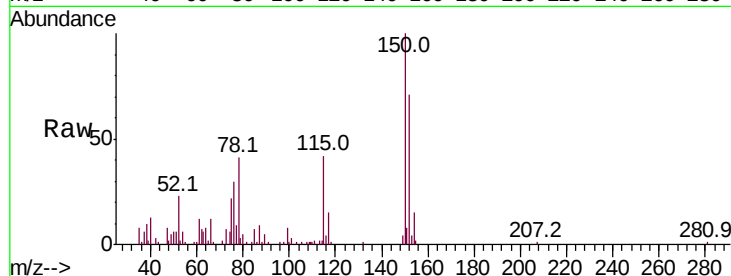


#1

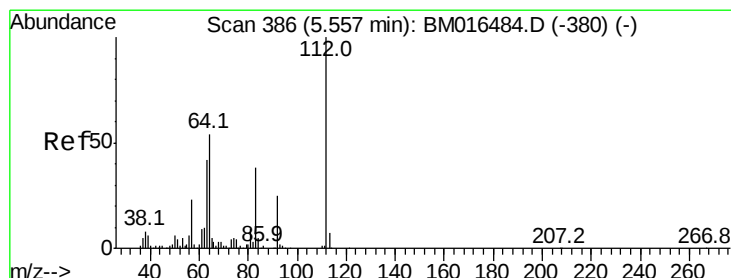
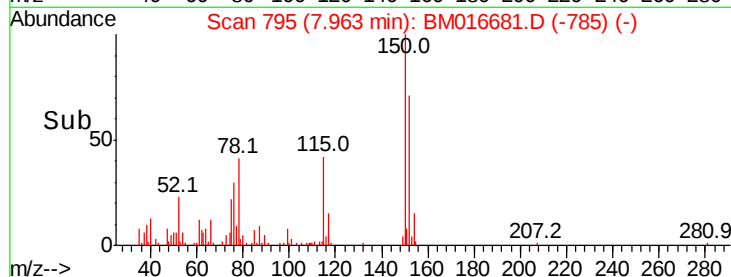
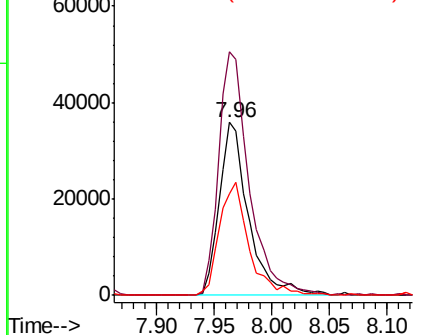
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.04 min
Lab File: BM016681.D
Acq: 05 Sep 2018 20:55

Instrument :
BNA_M
ClientSampleId :
PB112623BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.9	119.5	179.3
115	58.6	43.0	64.4



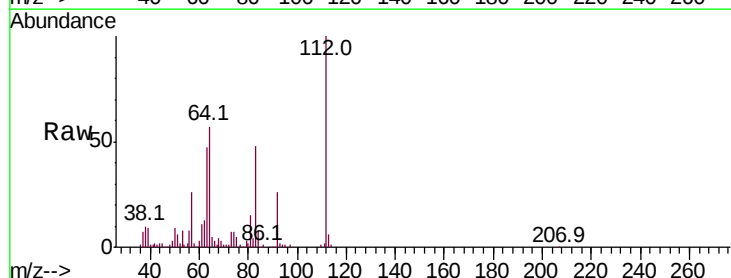
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



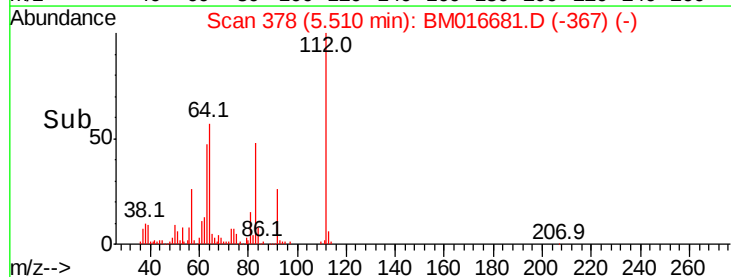
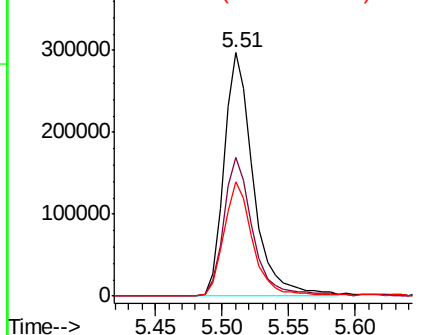
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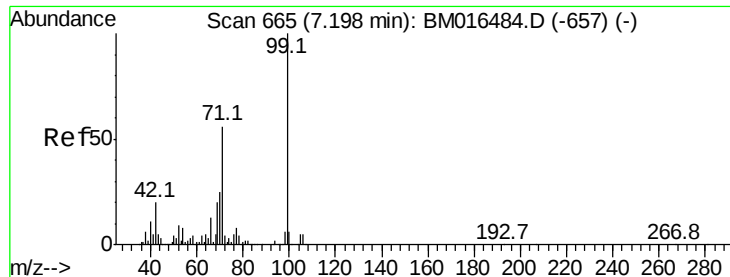
2-Fluorophenol
Concen: 141.498 ng
RT: 5.51 min Scan# 378
Delta R.T. -0.04 min
Lab File: BM016681.D
Acq: 05 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	38.6	57.8
63	47.1	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: 129.390 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016681.D

Acq: 05 Sep 2018 20:55

Instrument :

BNA_M

ClientSampleId :

PB112623BL

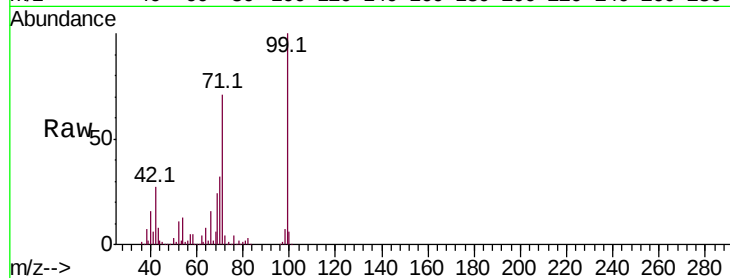
Tot Ion: 99 Resp: 551855

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

71 71.1 23.4 35.2#

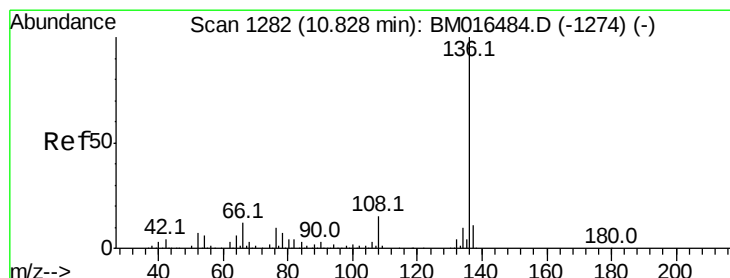
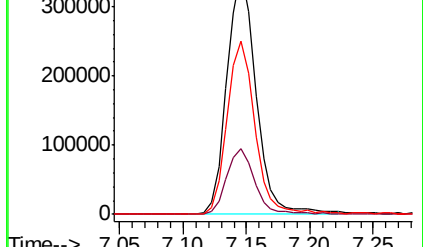
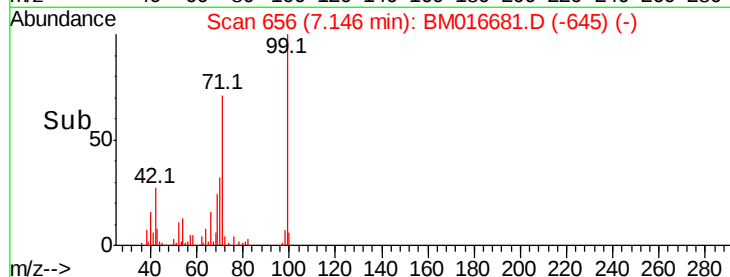


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BM016681.D

Acq: 05 Sep 2018 20:55

Tgt Ion: 136 Resp: 198786

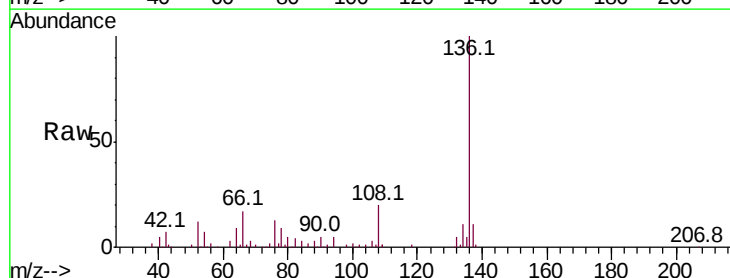
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.9 4.6 6.8#

68 3.5 3.7 5.5#



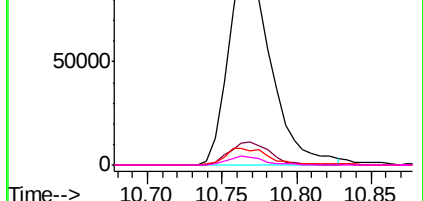
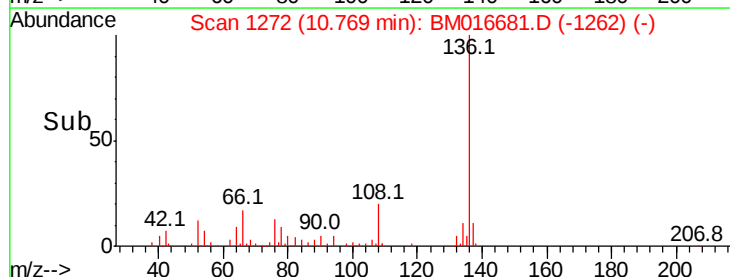
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

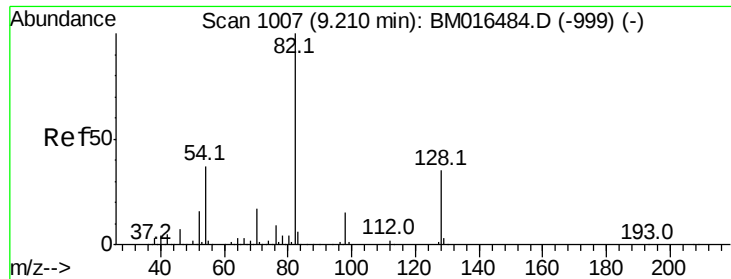
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

Time-->

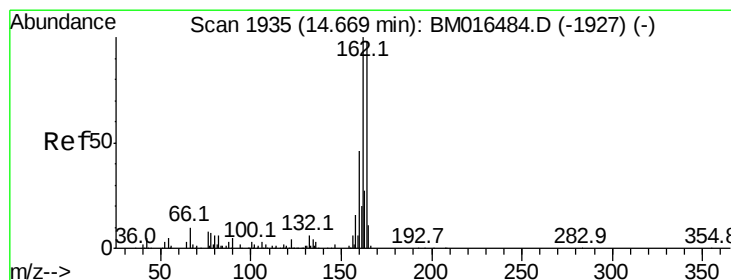
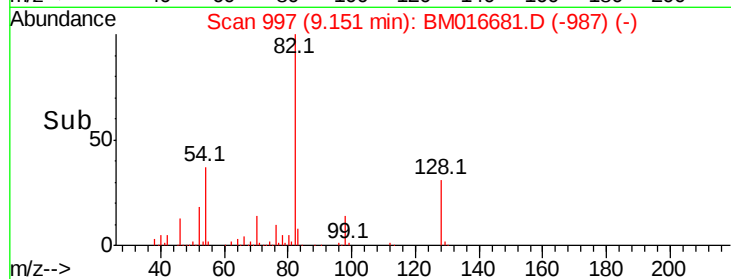
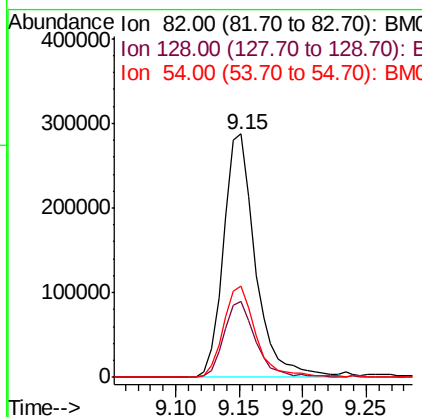
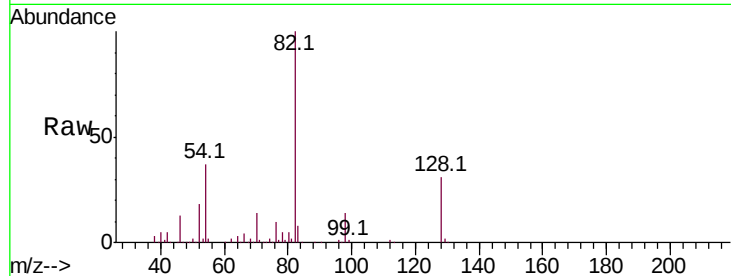




#23
 Nitrobenzene-d5
 Concen: 115.409 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.04 min
 Lab File: BM016681.D
 Acq: 05 Sep 2018 20:55

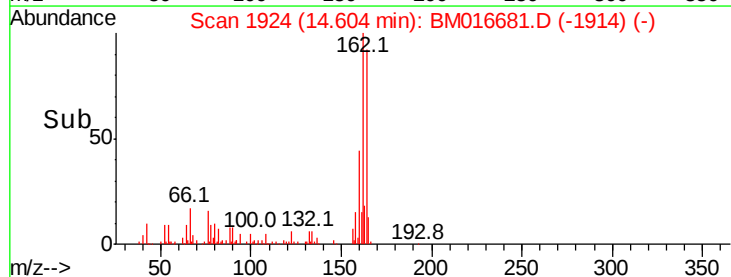
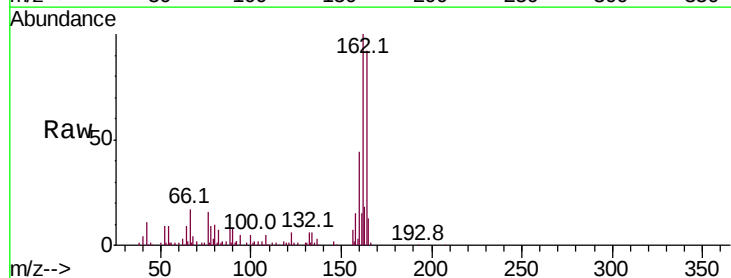
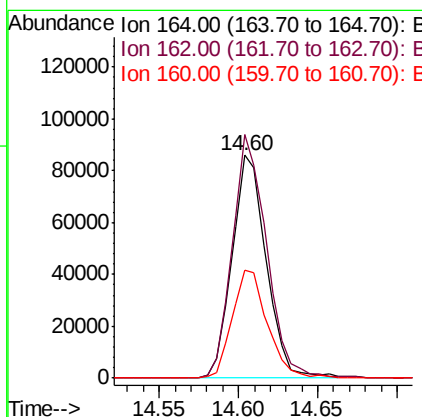
Instrument :
 BNA_M
 ClientSampleId :
 PB112623BL

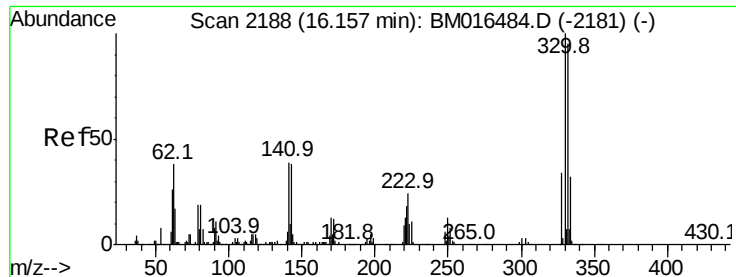
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	37.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1924
 Delta R.T. -0.04 min
 Lab File: BM016681.D
 Acq: 05 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.4	123.6
160	48.2	35.8	53.6

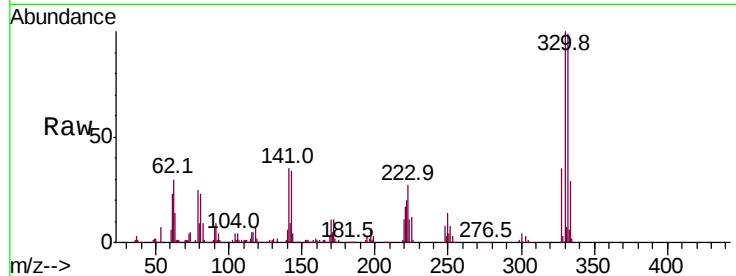




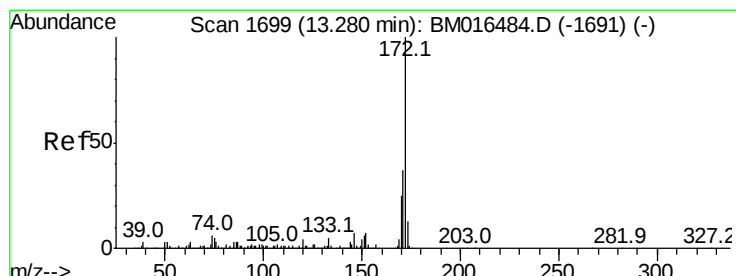
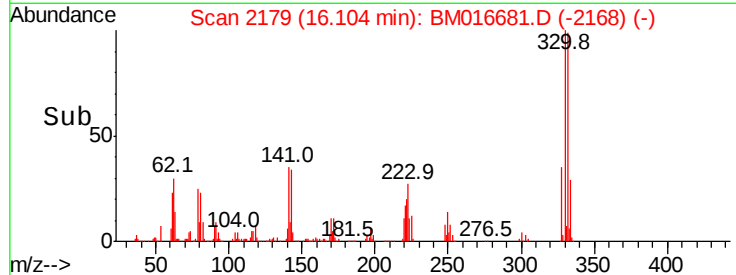
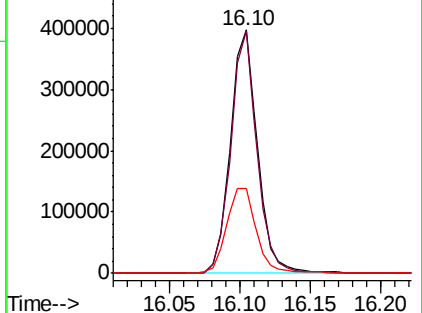
#41
 2,4,6-Tribromophenol
 Concen: 147.343 ng
 RT: 16.10 min Scan# 2179
 Delta R.T. -0.04 min
 Lab File: BM016681.D
 Acq: 05 Sep 2018 20:55

Instrument :
 BNA_M
 ClientSampleID :
 PB112623BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.7	0.0	0.0#

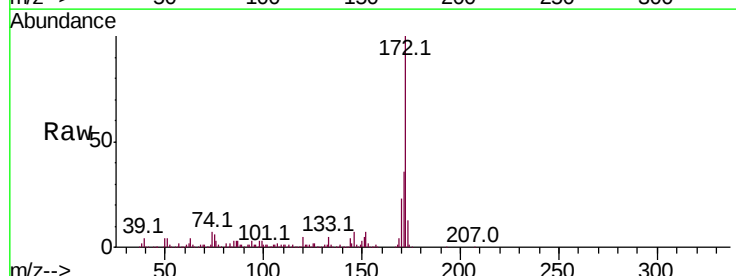


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

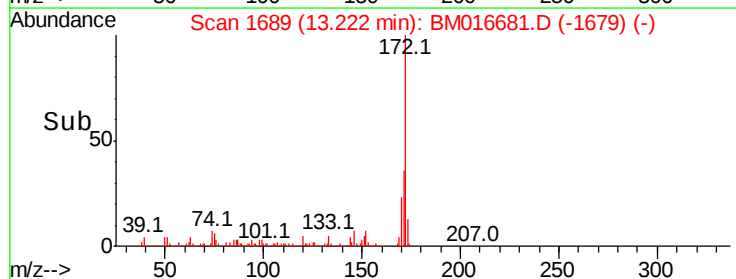
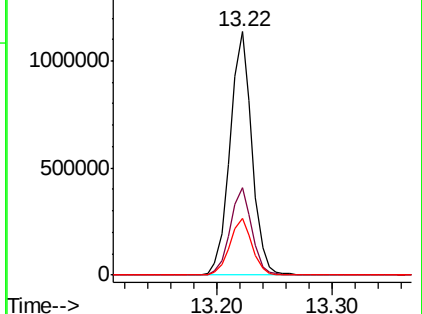


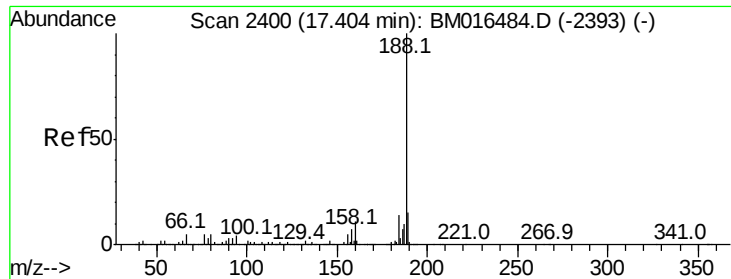
#44
 2-Fluorobiphenyl
 Concen: 111.428 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.04 min
 Lab File: BM016681.D
 Acq: 05 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.3	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

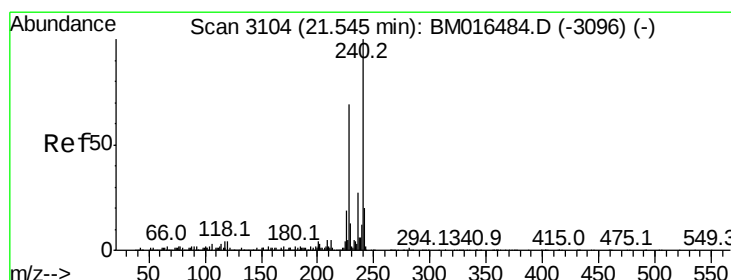
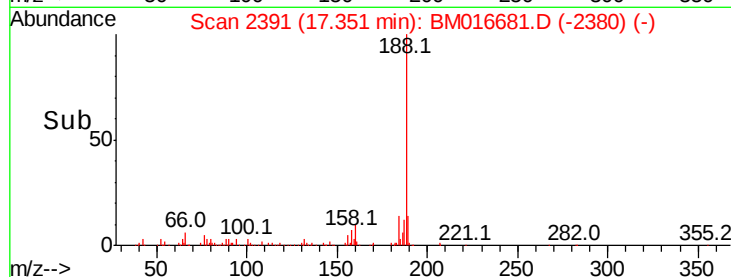
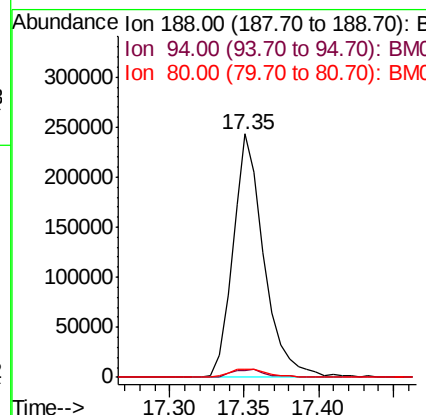
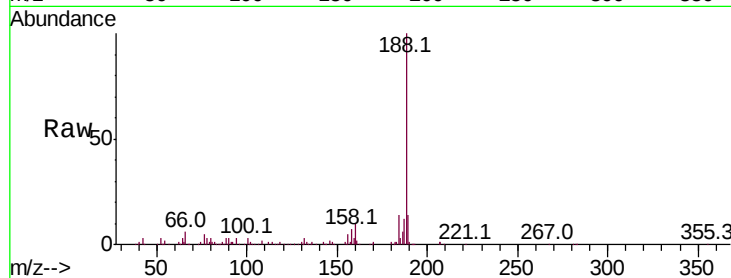




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2391
Delta R.T. -0.04 min
Lab File: BM016681.D
Acq: 05 Sep 2018 20:55

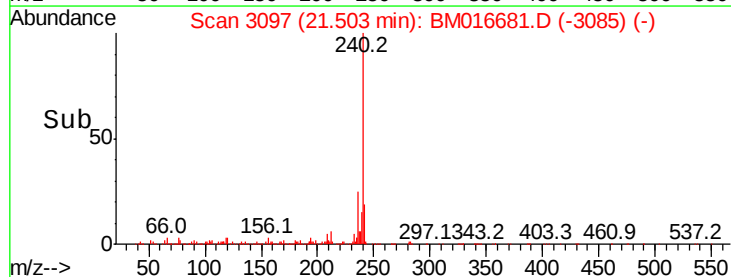
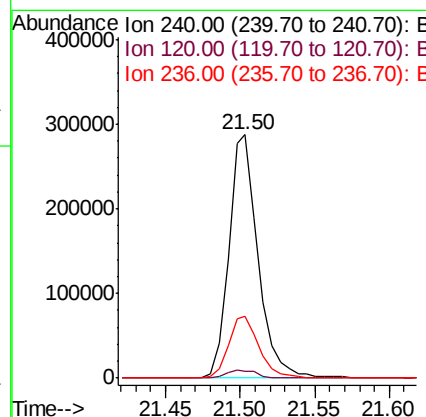
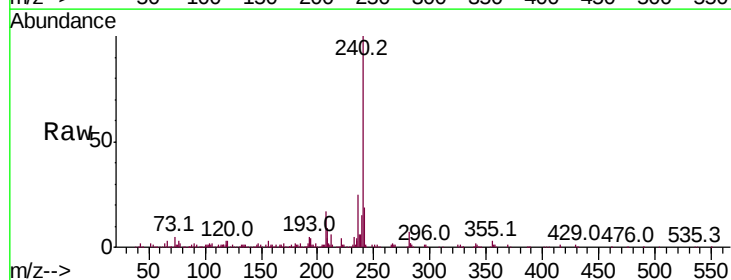
Instrument :
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ClientSampleId :
PB112623BL

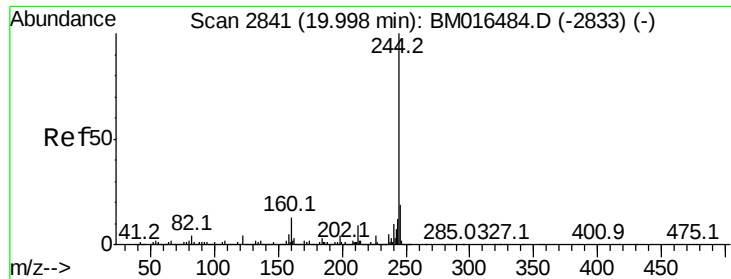
Tot Ion:188 Resp: 352139
Ion Ratio Lower Upper
188 100
94 2.6 8.7 13.1#
80 3.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3097
Delta R.T. -0.03 min
Lab File: BM016681.D
Acq: 05 Sep 2018 20:55

Tgt Ion:240 Resp: 394731
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 142.293 ng

RT: 19.94 min Scan# 2832

Delta R.T. -0.04 min

Lab File: BM016681.D

Acq: 05 Sep 2018 20:55

Instrument :

BNA_M

ClientSampleId :

PB112623BL

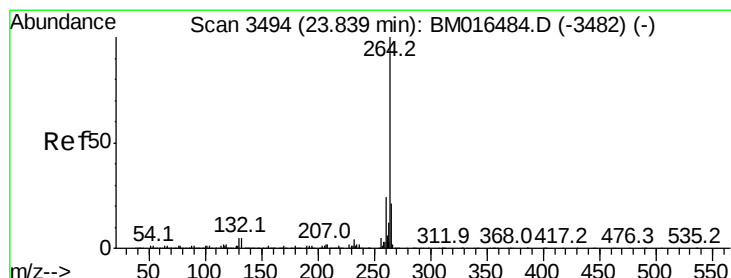
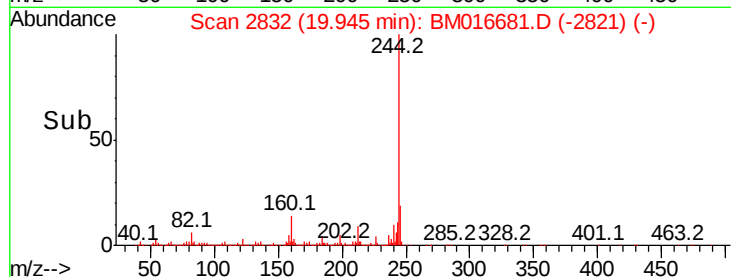
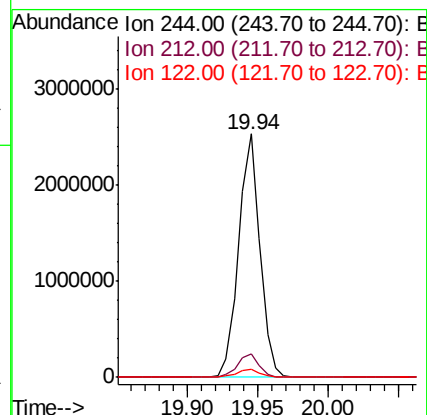
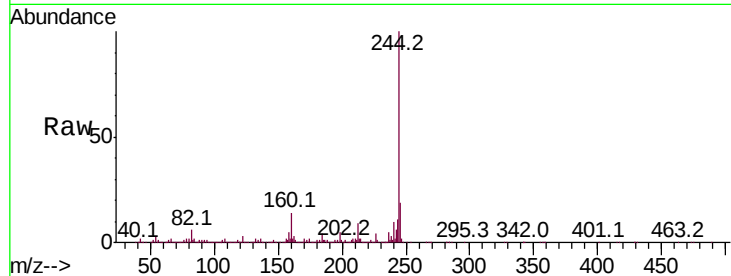
Tot Ion:244 Resp: 2653697

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

122 3.3 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.77 min Scan# 3482

Delta R.T. -0.05 min

Lab File: BM016681.D

Acq: 05 Sep 2018 20:55

Tgt Ion:264 Resp: 512206

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.1 17.3 25.9

