

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090618\
 Data File : BM016688.D
 Acq On : 06 Sep 2018 17:11
 Operator : SJ/JU
 Sample : PB112623BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112623BL

Quant Time: Sep 07 06:45:47 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	52815	20.00	ng	-0.04
21) Naphthalene-d8	10.76	136	164205	20.00	ng	-0.05
38) Acenaphthene-d10	14.60	164	113108	20.00	ng	-0.04
63) Phenanthrene-d10	17.35	188	409639	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	650824	20.00	ng	-0.04
86) Perylene-d12	23.76	264	667626	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	384800	142.77	ng	-0.04
7) Phenol-d6	7.15	99	458764	128.63	ng	-0.04
23) Nitrobenzene-d5	9.15	82	418212	116.29	ng	-0.05
41) 2,4,6-Tribromophenol	16.10	330	574566	181.72	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	1221212	103.78	ng	-0.05
78) Terphenyl-d14	19.94	244	4551434	148.02	ng	-0.04

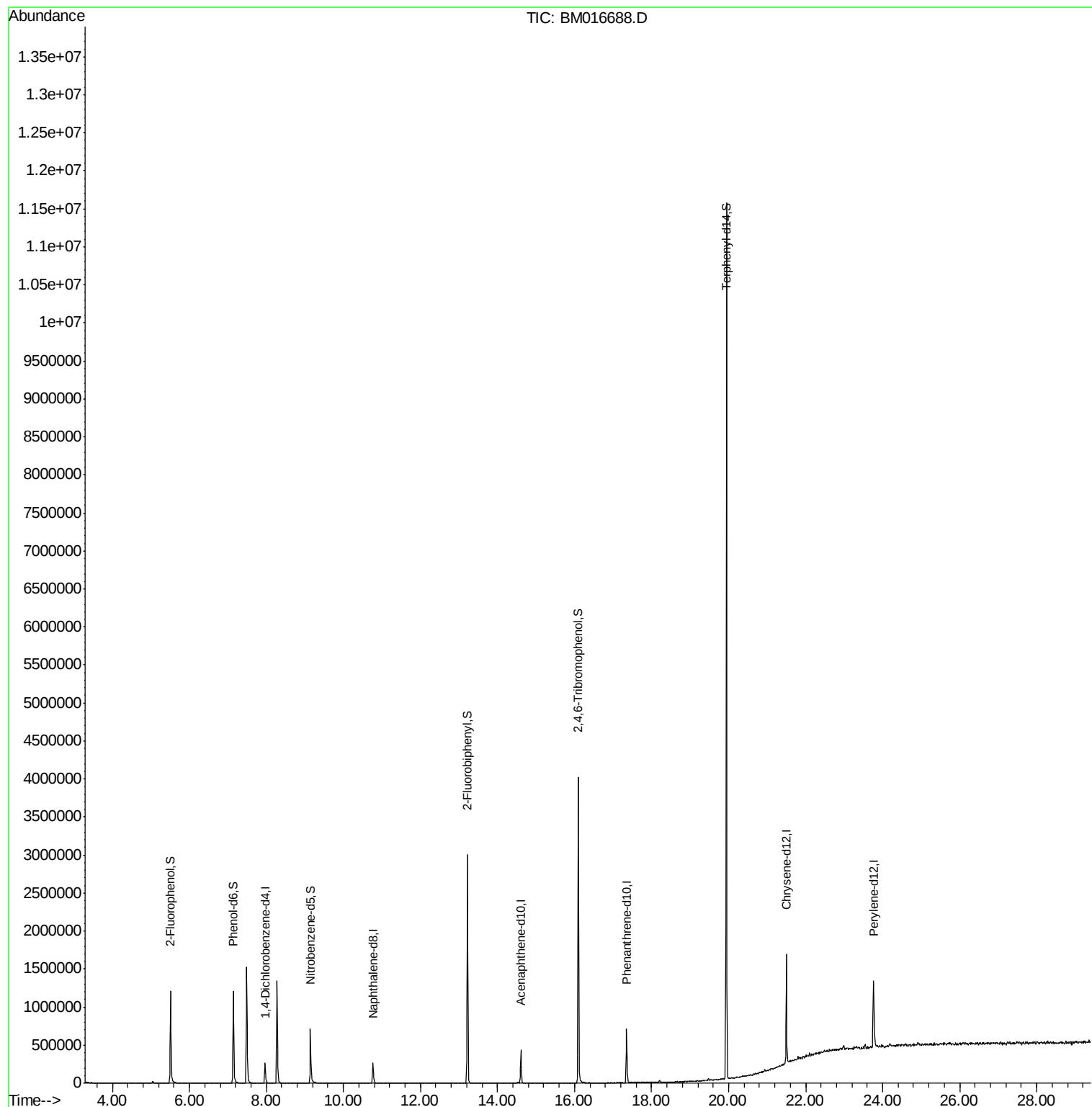
Target Compounds Qvalue

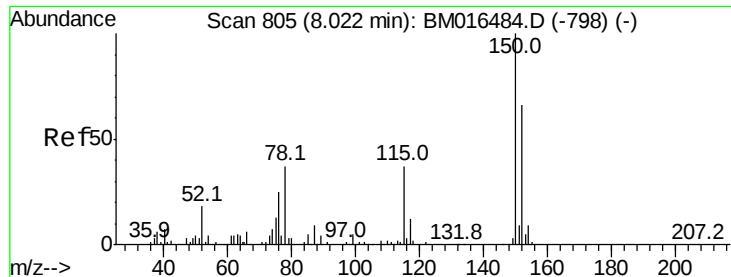
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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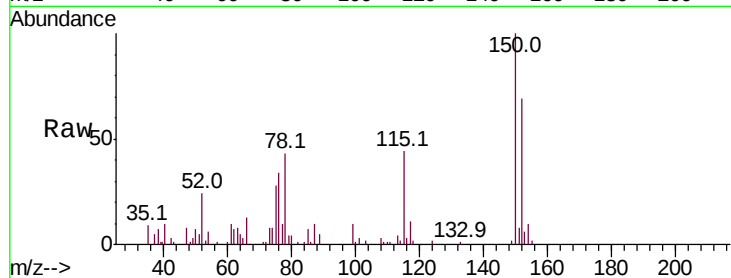


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.04 min
Lab File: BM016688.D
Acq: 06 Sep 2018 17:11

Instrument :
BNA_M
ClientSampleId :
PB112623BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.5	119.5	179.3
115	63.4	43.0	64.4

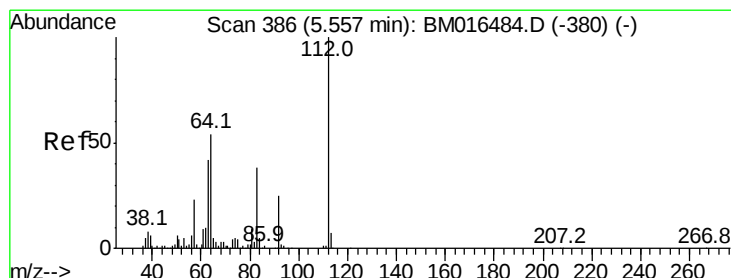
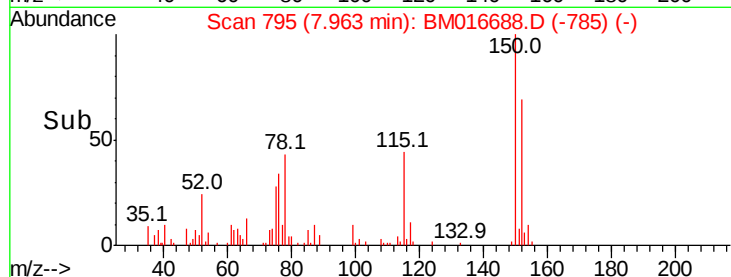
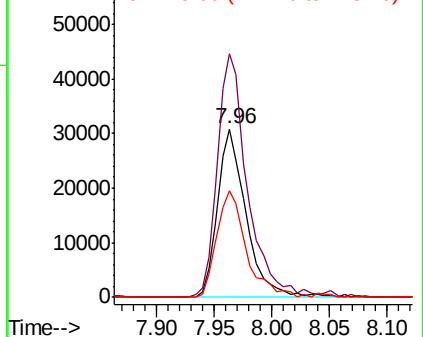


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

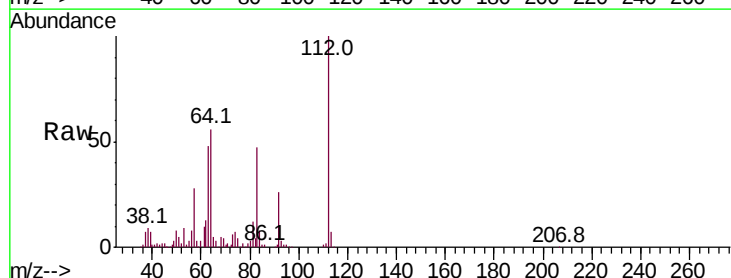
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.772 ng
RT: 5.51 min Scan# 378
Delta R.T. -0.04 min
Lab File: BM016688.D
Acq: 06 Sep 2018 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	38.6	57.8
63	47.6	19.3	28.9

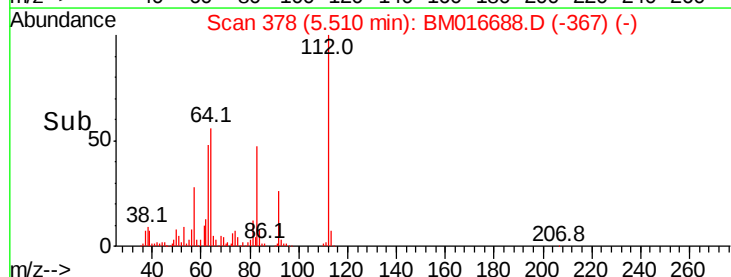
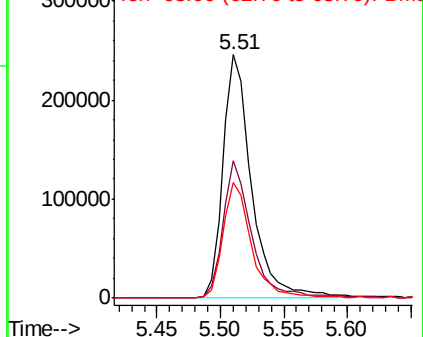


Abundance

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: 128.631 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016688.D

Acq: 06 Sep 2018 17:11

Instrument :

BNA_M

ClientSampleId :

PB112623BL

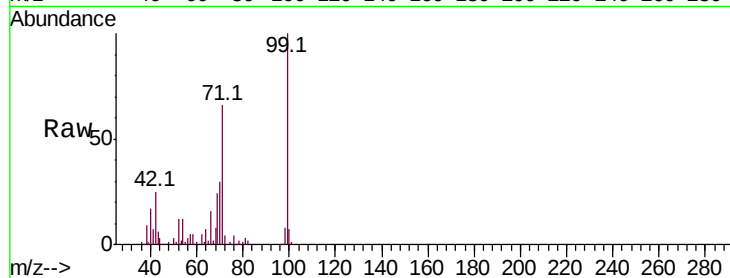
Tot Ion: 99 Resp: 458764

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

71 65.5 23.4 35.2#

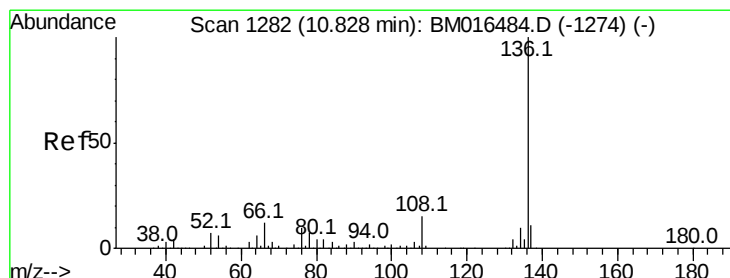
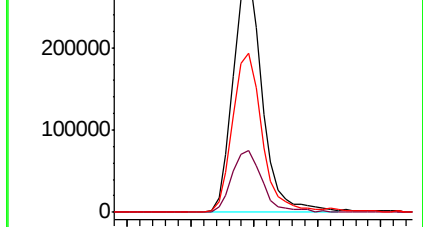
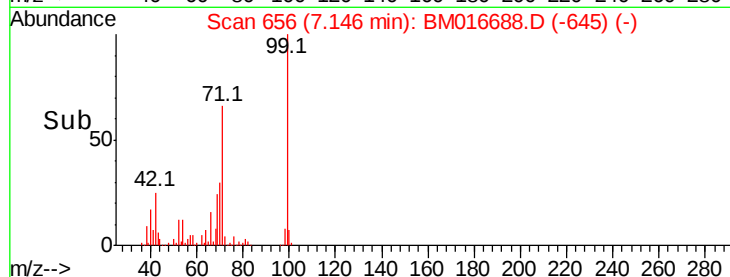


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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: 10.76 min Scan# 1271

Delta R.T. -0.05 min

Lab File: BM016688.D

Acq: 06 Sep 2018 17:11

Tgt Ion: 136 Resp: 164205

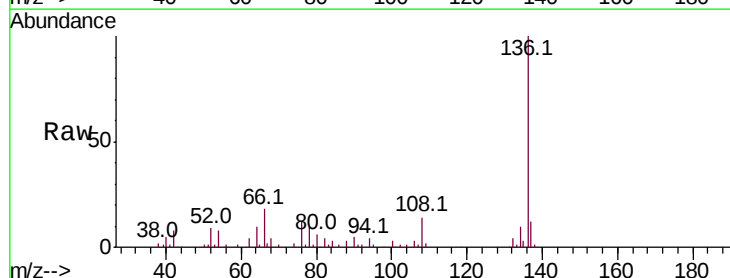
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 8.3 4.6 6.8#

68 4.1 3.7 5.5



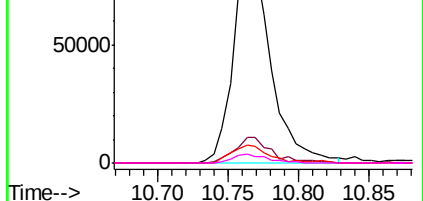
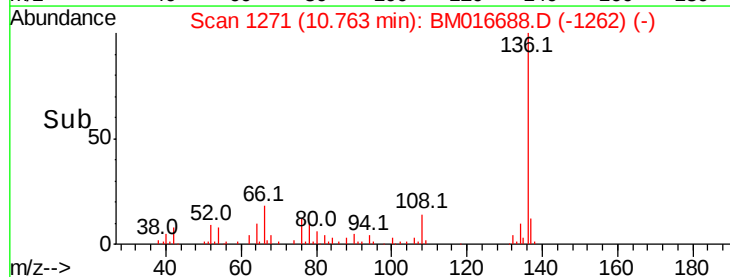
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

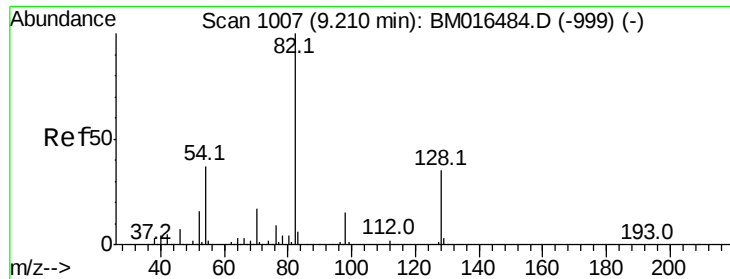
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

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

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

Time-->

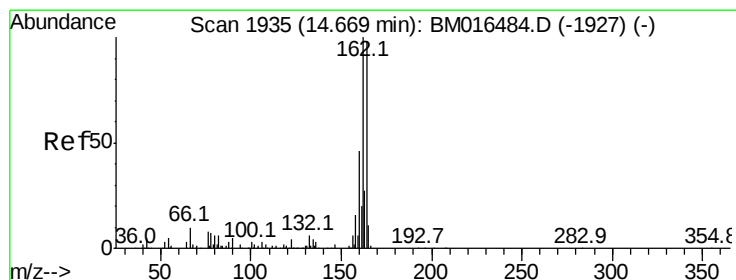
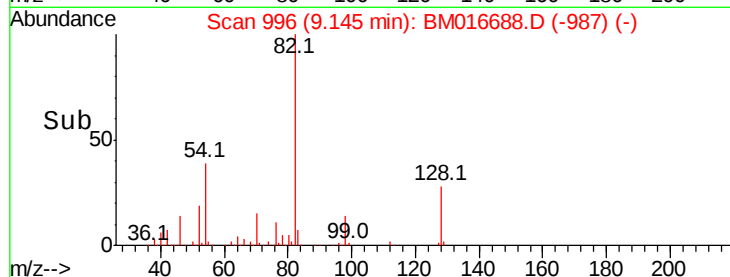
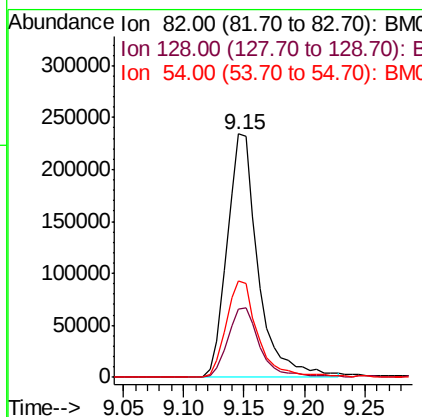
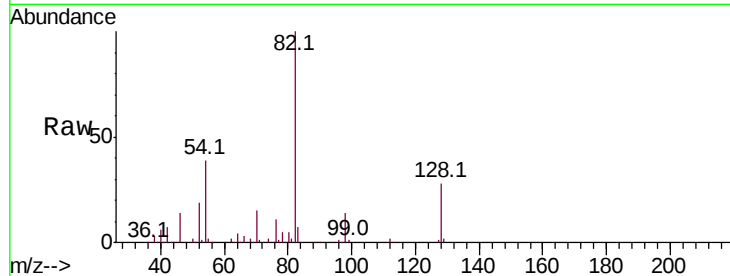




#23
 Nitrobenzene-d5
 Concen: 116.288 ng
 RT: 9.15 min Scan# 996
 Delta R.T. -0.05 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

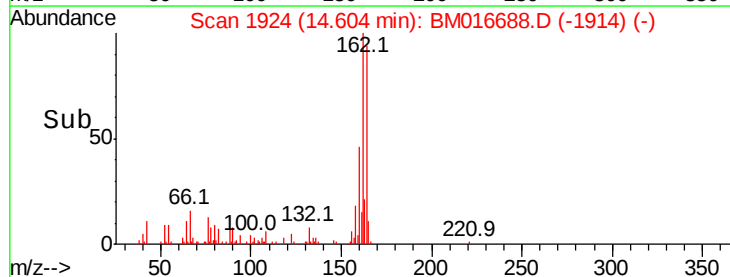
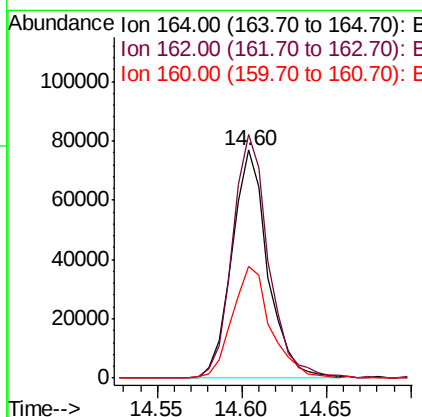
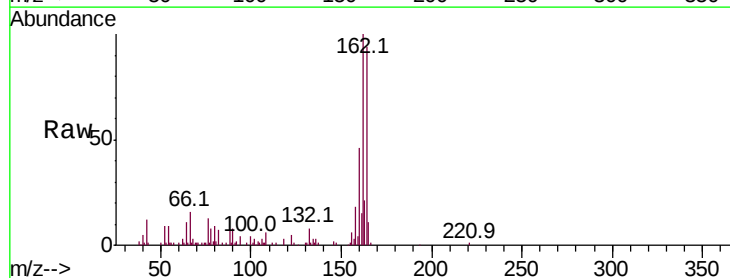
Instrument :
 BNA_M
 ClientSampleId :
 PB112623BL

Tot Ion	82	Resp	418212
Ion Ratio	Lower	Upper	
82	100		
128	28.2	32.8	49.2#
54	39.4	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: BM016688.D
 Acq: 06 Sep 2018 17:11

Tgt Ion	164	Resp	113108
Ion Ratio	Lower	Upper	
164	100		
162	106.7	82.4	123.6
160	49.2	35.8	53.6

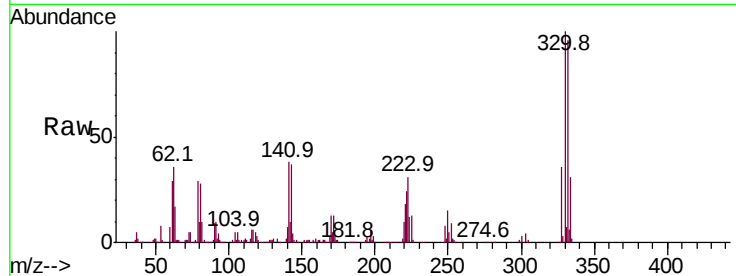




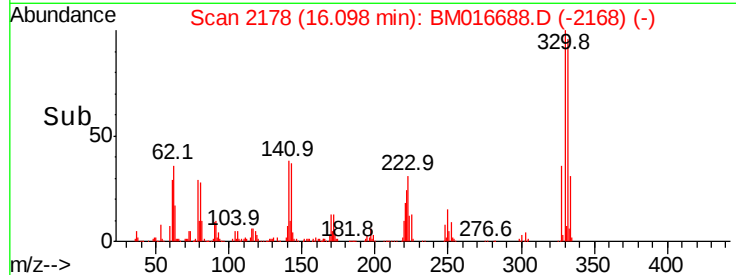
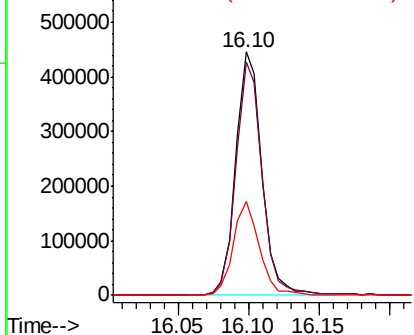
#41
 2,4,6-Tribromophenol
 Concen: 181.718 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.04 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

Instrument :
 BNA_M
 ClientSampleId :
 PB112623BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.8	0.0	0.0#

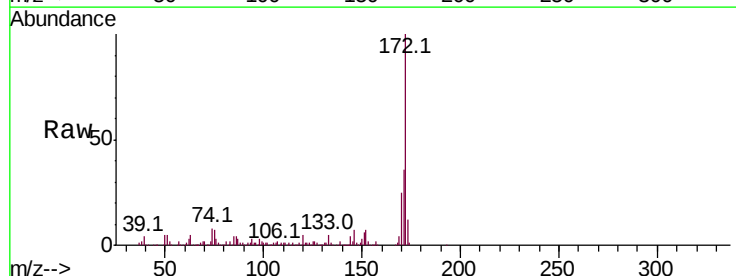


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

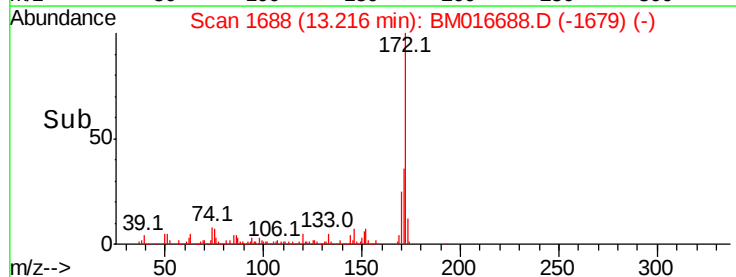
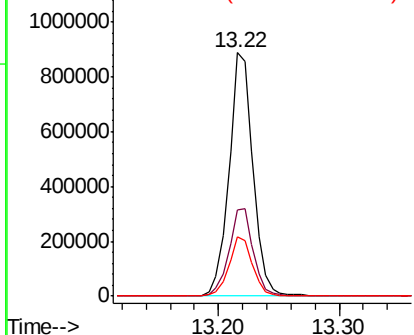


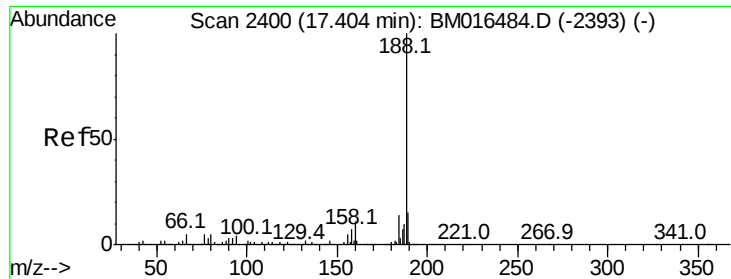
#44
 2-Fluorobiphenyl
 Concen: 103.782 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.05 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.5	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

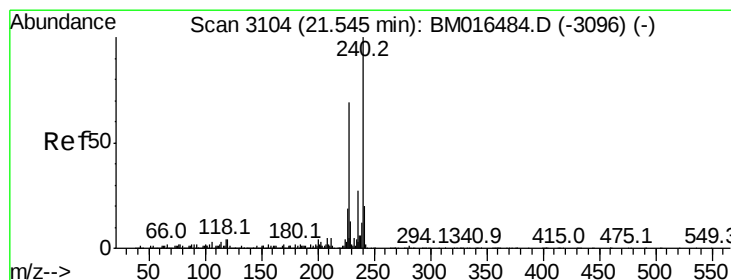
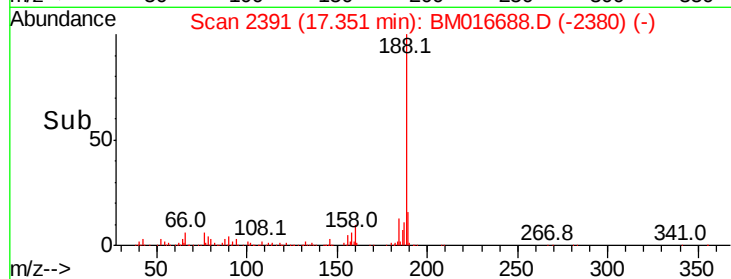
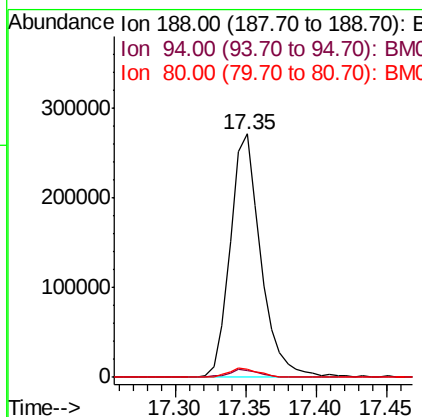
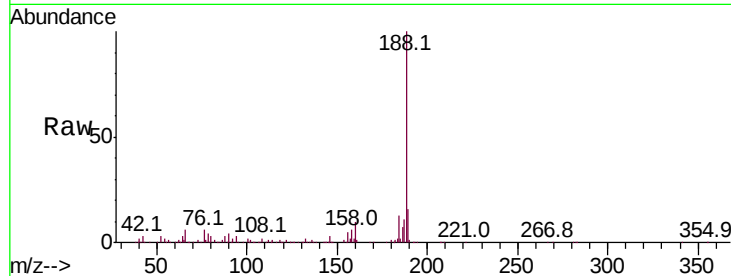




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2391
 Delta R.T. -0.04 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

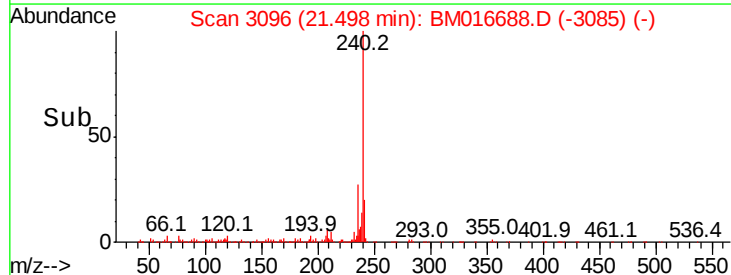
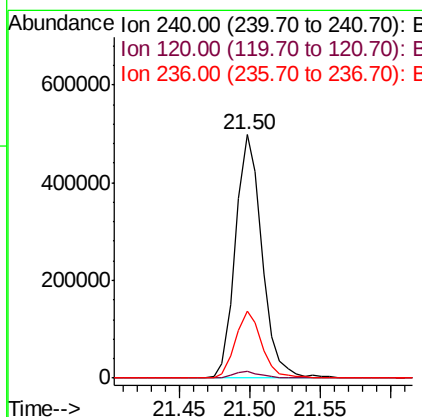
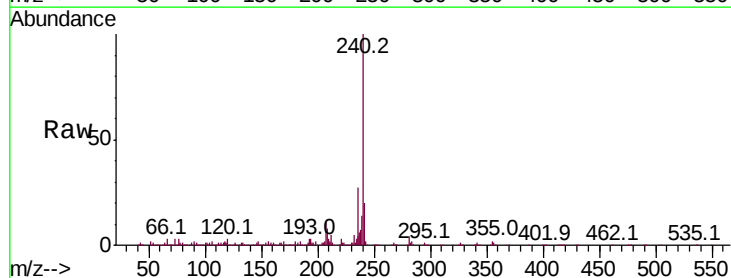
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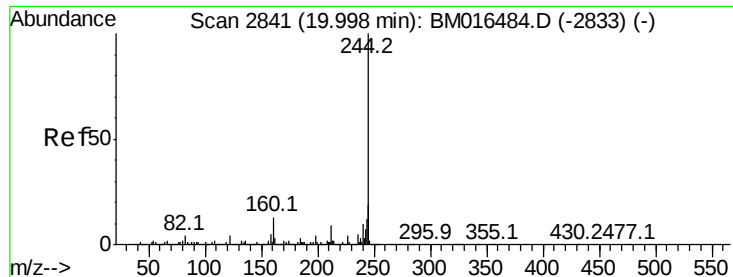
Tot Ion:188 Resp: 409639
 Ion Ratio Lower Upper
 188 100
 94 2.8 8.7 13.1#
 80 3.2 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.04 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

Tgt Ion:240 Resp: 650824
 Ion Ratio Lower Upper
 240 100
 120 2.5 8.2 12.2#
 236 27.3 20.0 30.0

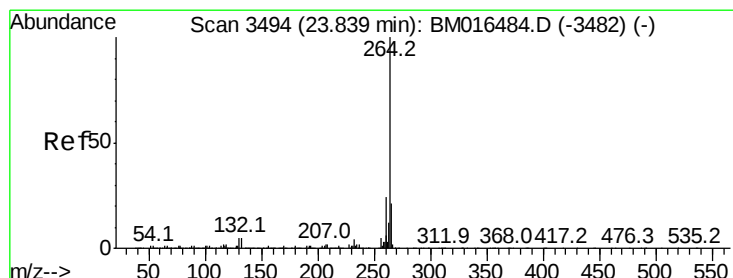
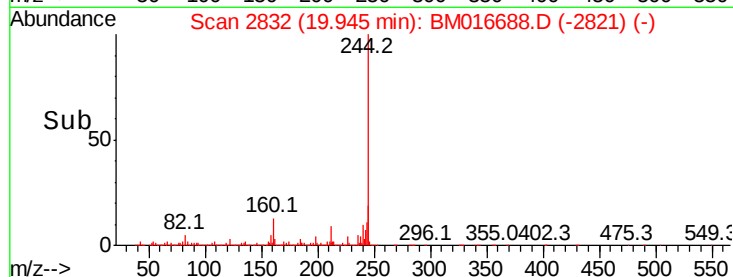
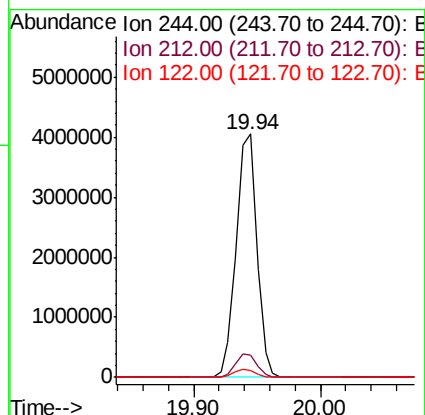
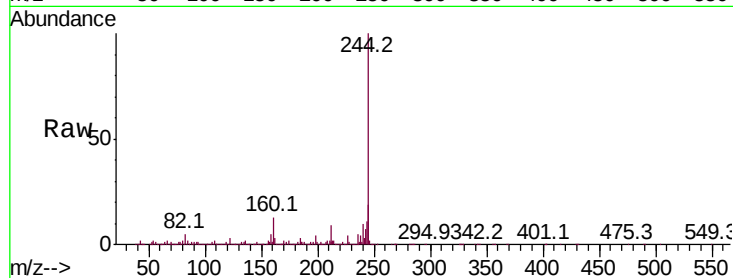




#78
 Terphenyl-d14
 Concen: 148.019 ng
 RT: 19.94 min Scan# 2832
 Delta R.T. -0.04 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

Instrument :
 BNA_M
 ClientSampleID :
 PB112623BL

Tot Ion:244 Resp: 4551434
 Ion Ratio Lower Upper
 244 100
 212 9.3 4.9 7.3#
 122 2.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.76 min Scan# 3481
 Delta R.T. -0.05 min
 Lab File: BM016688.D
 Acq: 06 Sep 2018 17:11

Tgt Ion:264 Resp: 667626
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.4 17.3 25.9

