

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016670.D
 Acq On : 05 Sep 2018 14:16
 Operator : SJ/JU
 Sample : PB112616BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112616BL

Quant Time: Sep 05 17:05:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 16:42:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	64117	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	210668	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	140082	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	415584	20.00	ng	0.00
75) Chrysene-d12	21.50	240	508926	20.00	ng	0.00
86) Perylene-d12	23.77	264	645877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	399394	122.07	ng	0.00
7) Phenol-d6	7.15	99	474394	109.57	ng	0.00
23) Nitrobenzene-d5	9.15	82	419925	91.01	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	476424	121.66	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	1270821	87.20	ng	0.00
78) Terphenyl-d14	19.94	244	2645456	110.02	ng	0.00

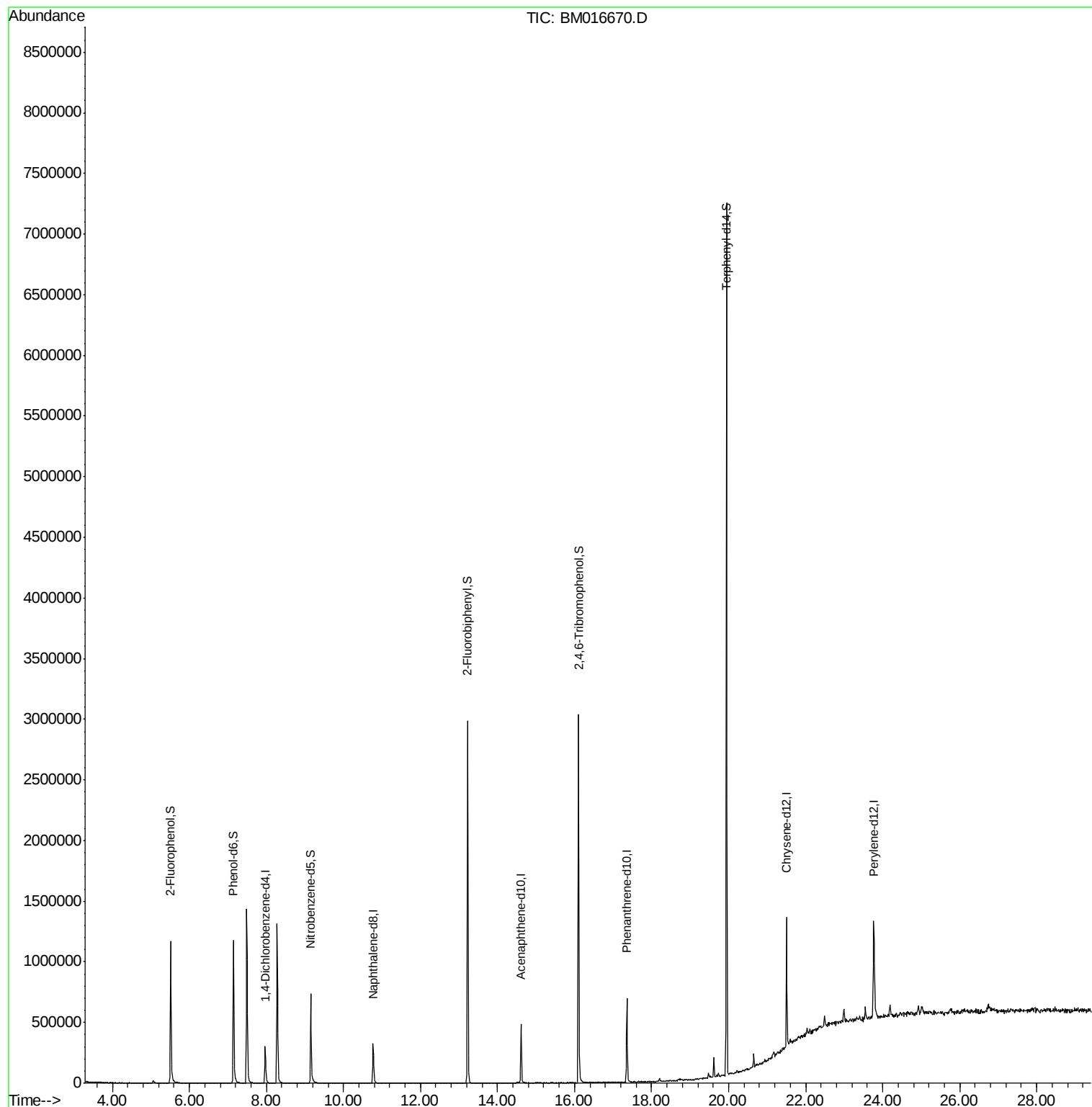
Target Compounds Qvalue

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

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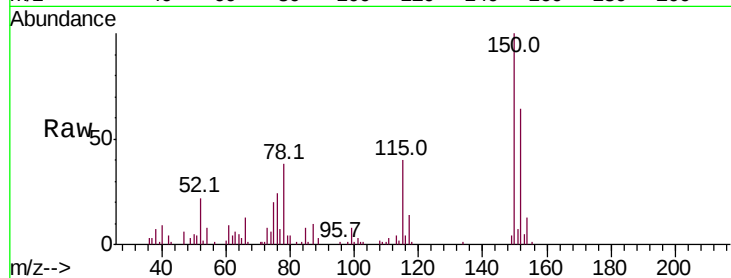


#1

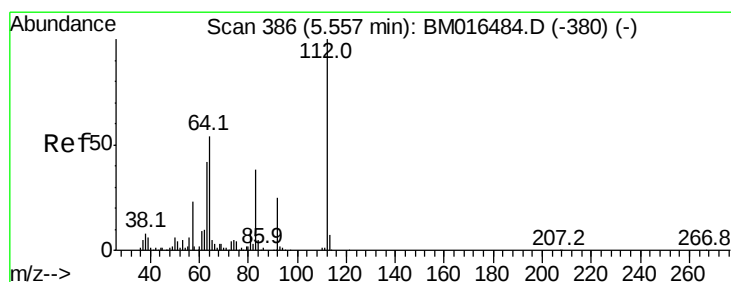
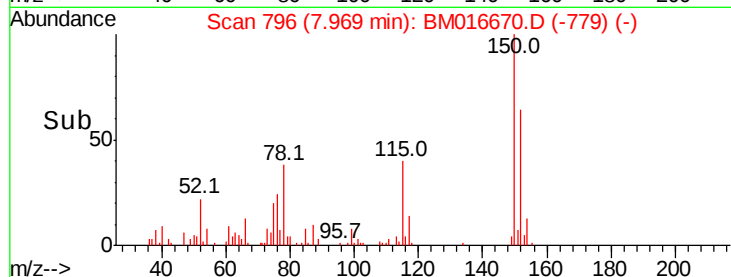
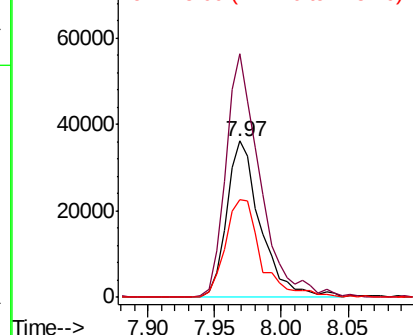
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

Instrument :
 BNA_M
 ClientSampleId :
 PB112616BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	62.2	43.0	64.4



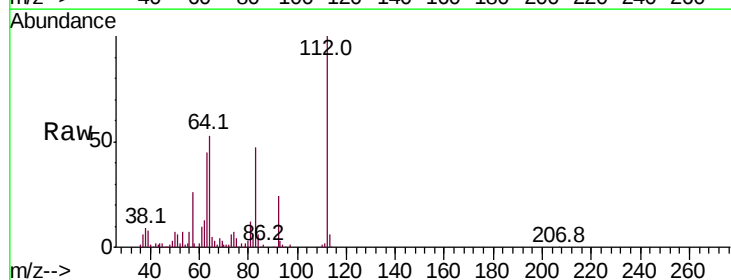
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



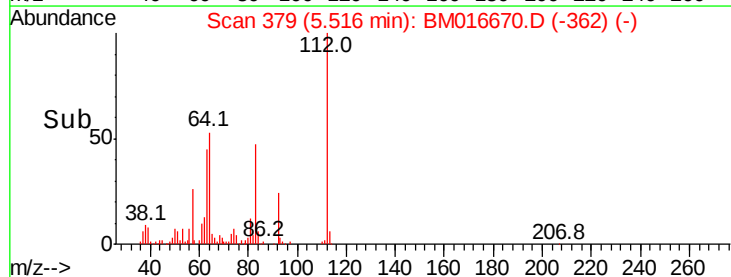
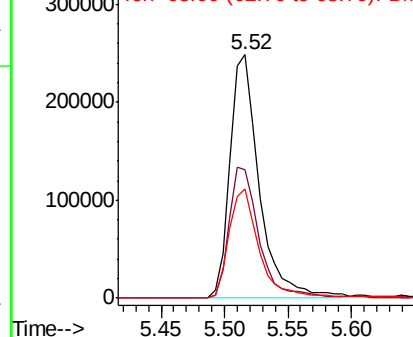
#5

2-Fluorophenol
 Concen: 122.065 ng
 RT: 5.52 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	38.6	57.8
63	44.7	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





#7

Phenol-d6

Concen: 109.567 ng

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM016670.D

Acq: 05 Sep 2018 14:16

Instrument :

BNA_M

ClientSampleId :

PB112616BL

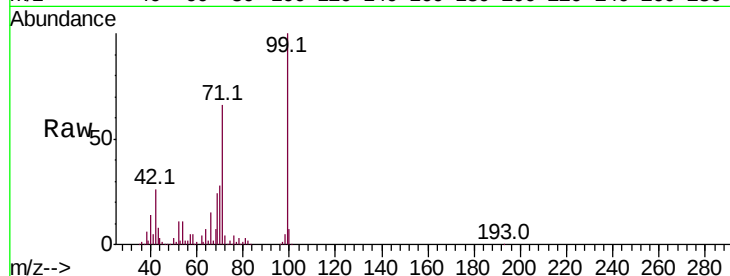
Tot Ion: 99 Resp: 474394

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

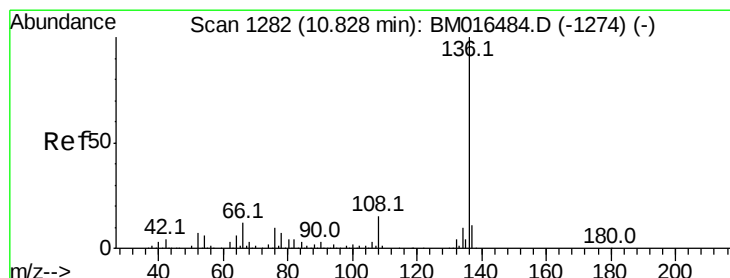
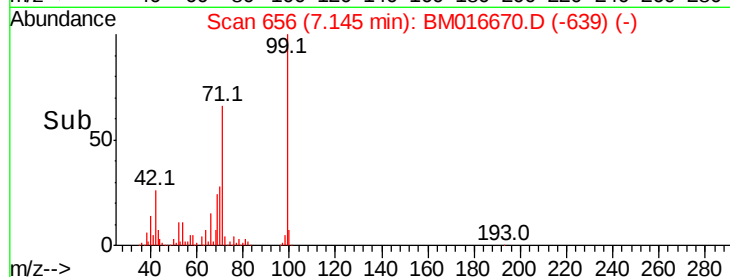
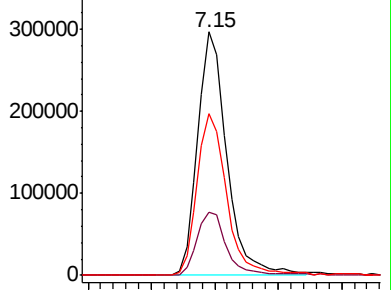
71 66.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016670.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM016670.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM016670.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM016670.D

Acq: 05 Sep 2018 14:16

Tgt Ion: 136 Resp: 210668

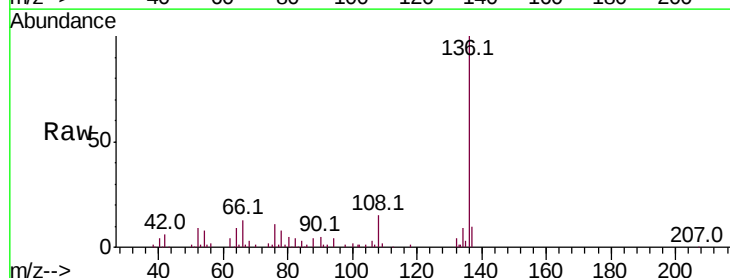
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 7.7 4.6 6.8#

68 3.0 3.7 5.5#

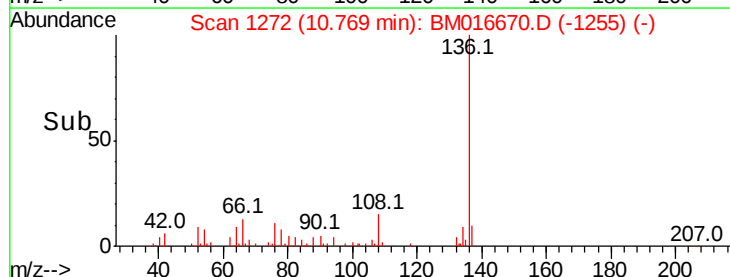
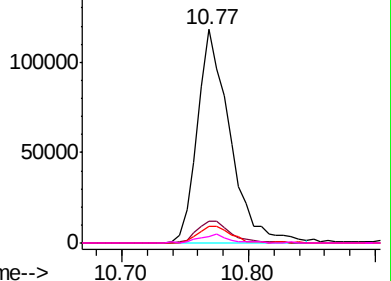


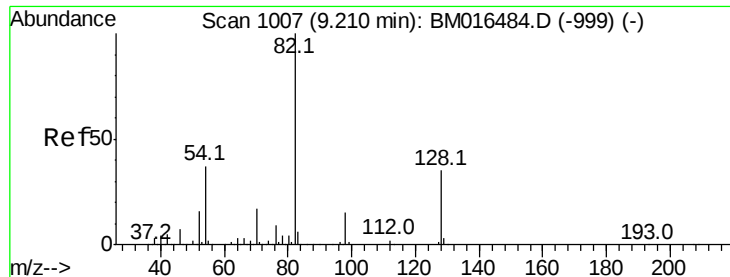
Abundance Ion 136.00 (135.70 to 136.70): BM016670.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM016670.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM016670.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM016670.D (-1255) (-)

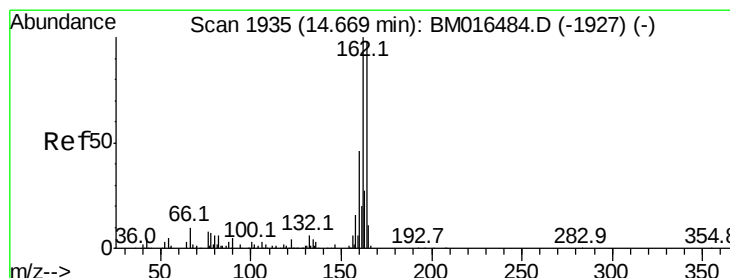
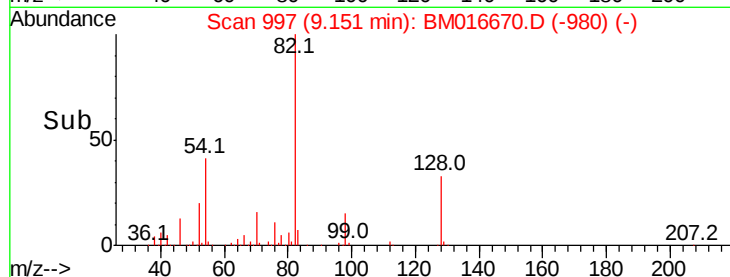
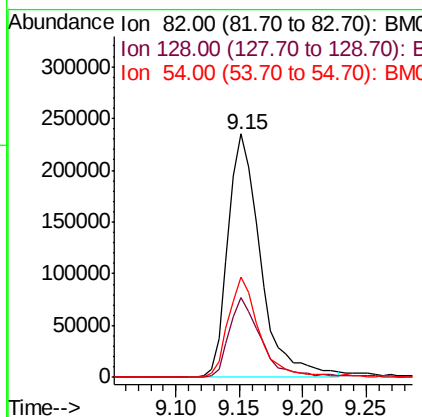
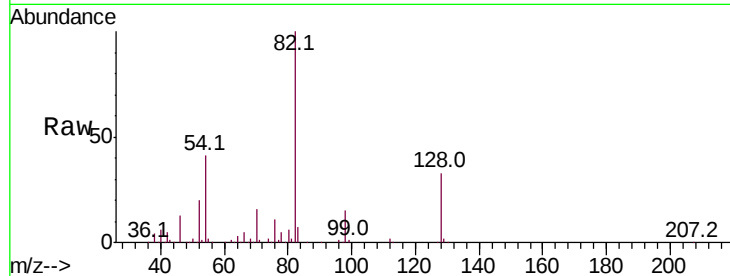




#23
 Nitrobenzene-d5
 Concen: 91.012 ng
 RT: 9.15 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

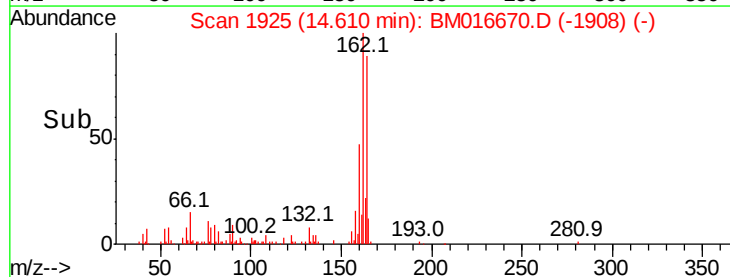
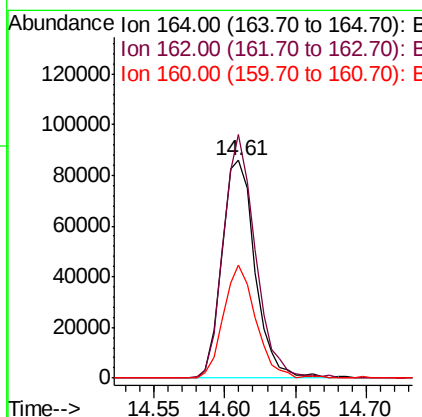
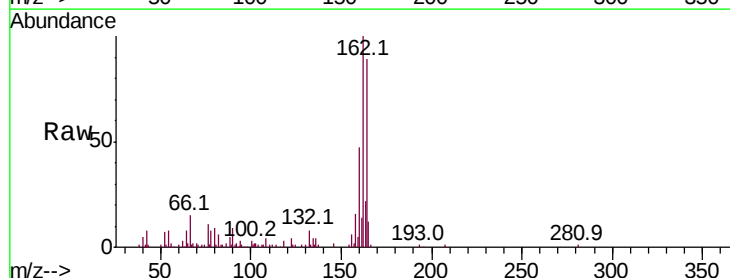
Instrument :
 BNA_M
 ClientSampleID :
 PB112616BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.8	49.2
54	41.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.0	82.4	123.6
160	52.1	35.8	53.6

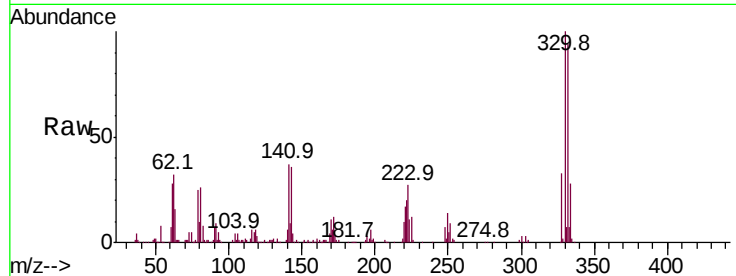




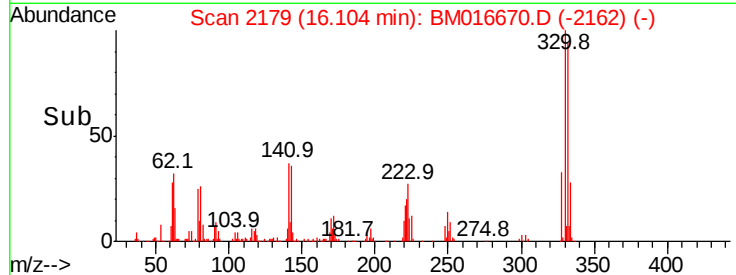
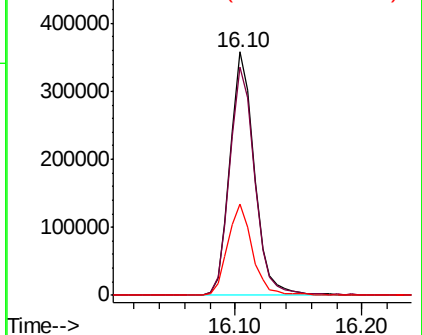
#41
 2,4,6-Tribromophenol
 Concen: 121.664 ng
 RT: 16.10 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

Instrument :
 BNA_M
 ClientSampleId :
 PB112616BL

Tot Ion:330 Resp: 476424
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 37.8 0.0 0.0#

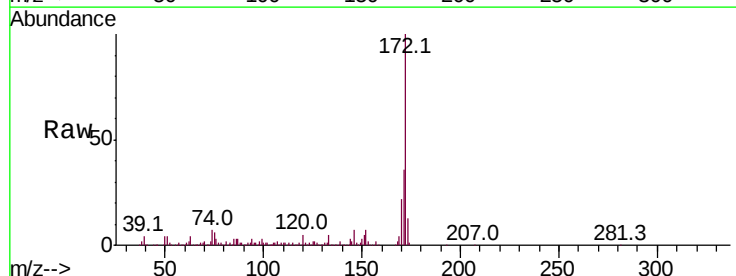


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

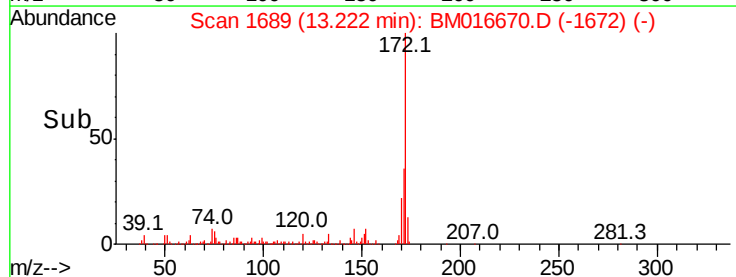
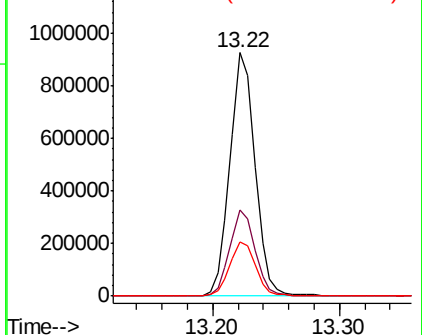


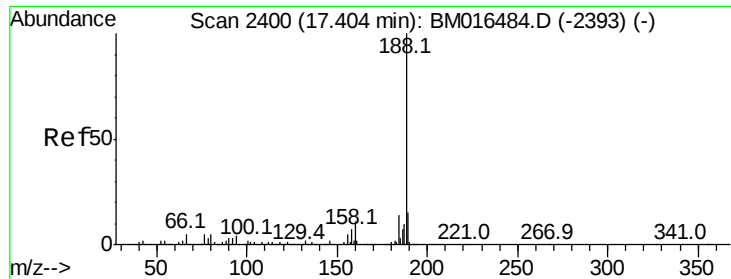
#44
 2-Fluorobiphenyl
 Concen: 87.202 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM016670.D
 Acq: 05 Sep 2018 14:16

Tgt Ion:172 Resp: 1270821
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 22.5 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

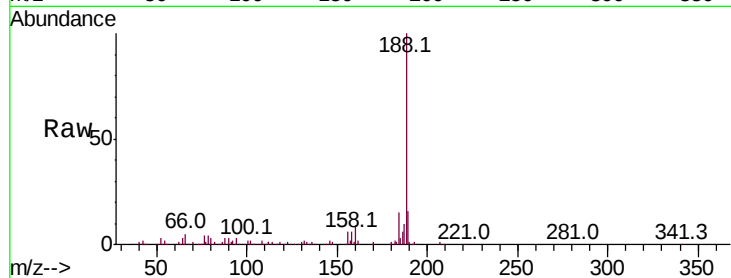




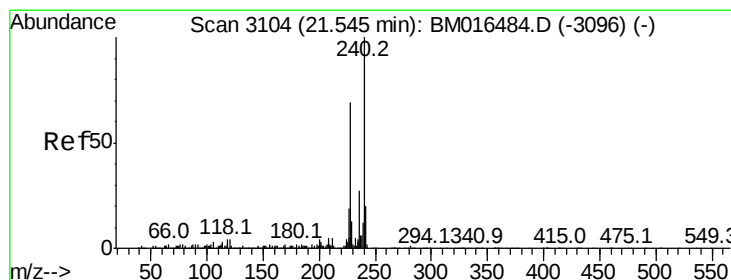
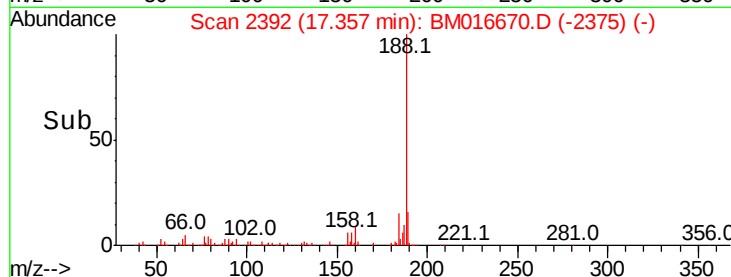
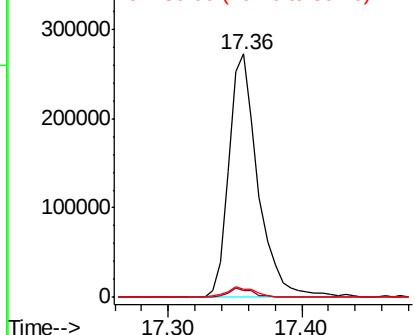
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM016670.D
Acq: 05 Sep 2018 14:16

Instrument :
BNA_M
ClientSampleId :
PB112616BL

Tot Ion:188 Resp: 415584
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.3 9.3 13.9#

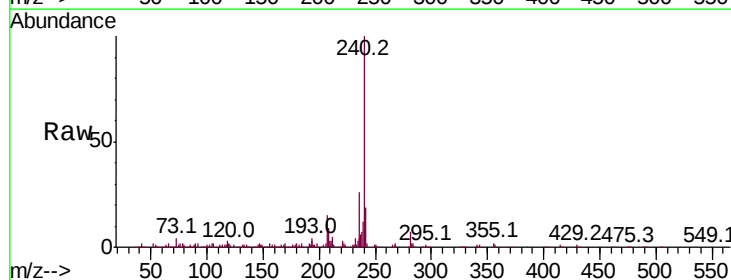


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

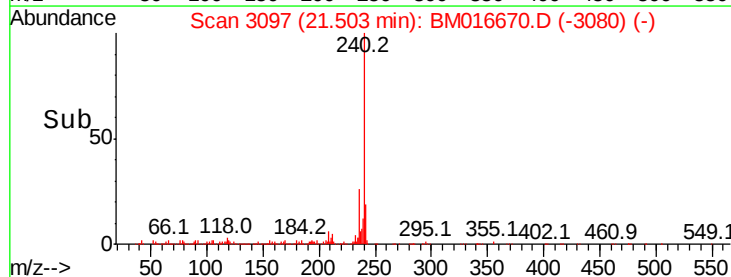
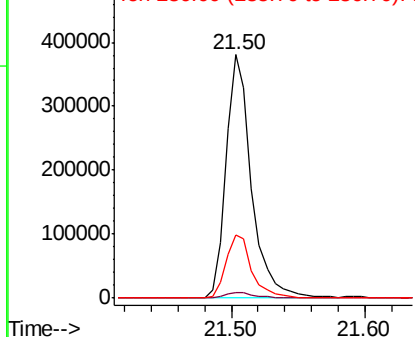


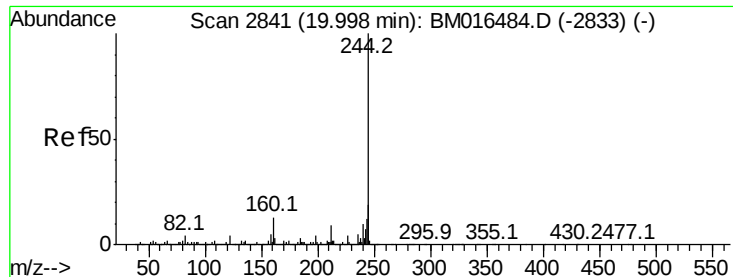
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM016670.D
Acq: 05 Sep 2018 14:16

Tgt Ion:240 Resp: 508926
Ion Ratio Lower Upper
240 100
120 3.1 8.2 12.2#
236 25.9 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: 110.022 ng

RT: 19.94 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM016670.D

Acq: 05 Sep 2018 14:16

Instrument :

BNA_M

ClientSampleId :

PB112616BL

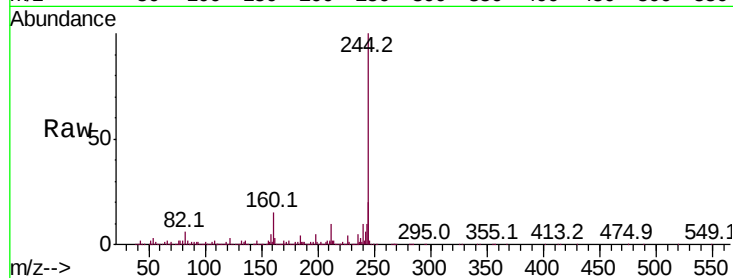
Tot Ion:244 Resp: 2645456

Ion Ratio Lower Upper

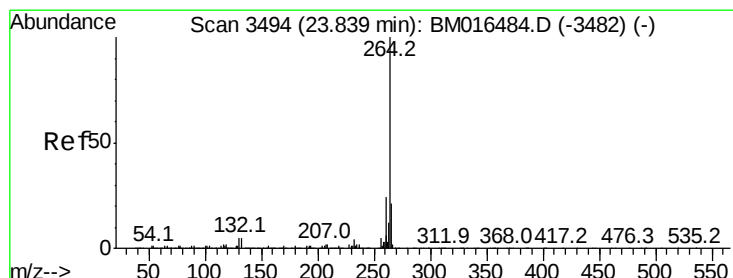
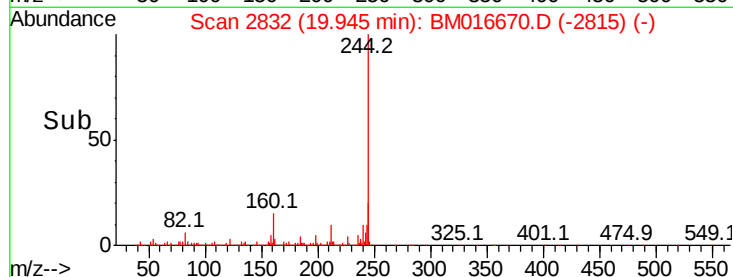
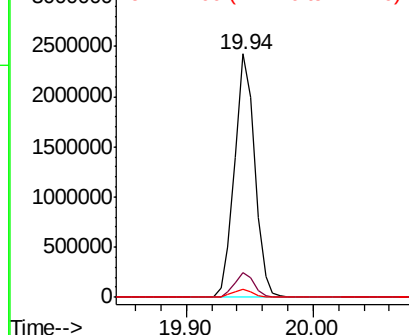
244 100

212 10.0 4.9 7.3#

122 3.5 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: 23.77 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BM016670.D

Acq: 05 Sep 2018 14:16

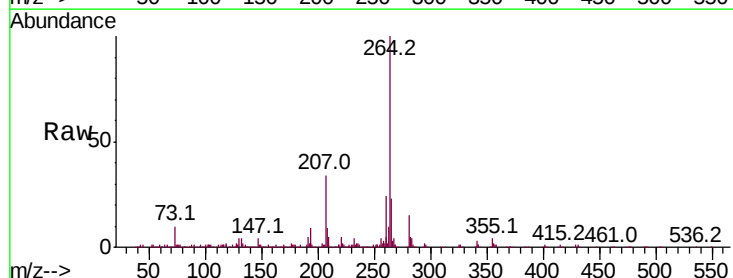
Tgt Ion:264 Resp: 645877

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.5 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

