

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016589.D
 Acq On : 24 Aug 2018 15:39
 Operator : SJ/JU
 Sample : J4556-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20180517-FIELD-BLANK

Quant Time: Aug 24 22:53:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	99633	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	343464	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	257130	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	845645	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1106370	20.00	ng	0.00
86) Perylene-d12	23.82	264	1301034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	209218	41.15	ng	0.00
7) Phenol-d6	7.19	99	141398	21.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	781607	103.90	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1268521	176.48	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2749358	102.78	ng	0.00
78) Terphenyl-d14	19.98	244	8102442	155.01	ng	0.00

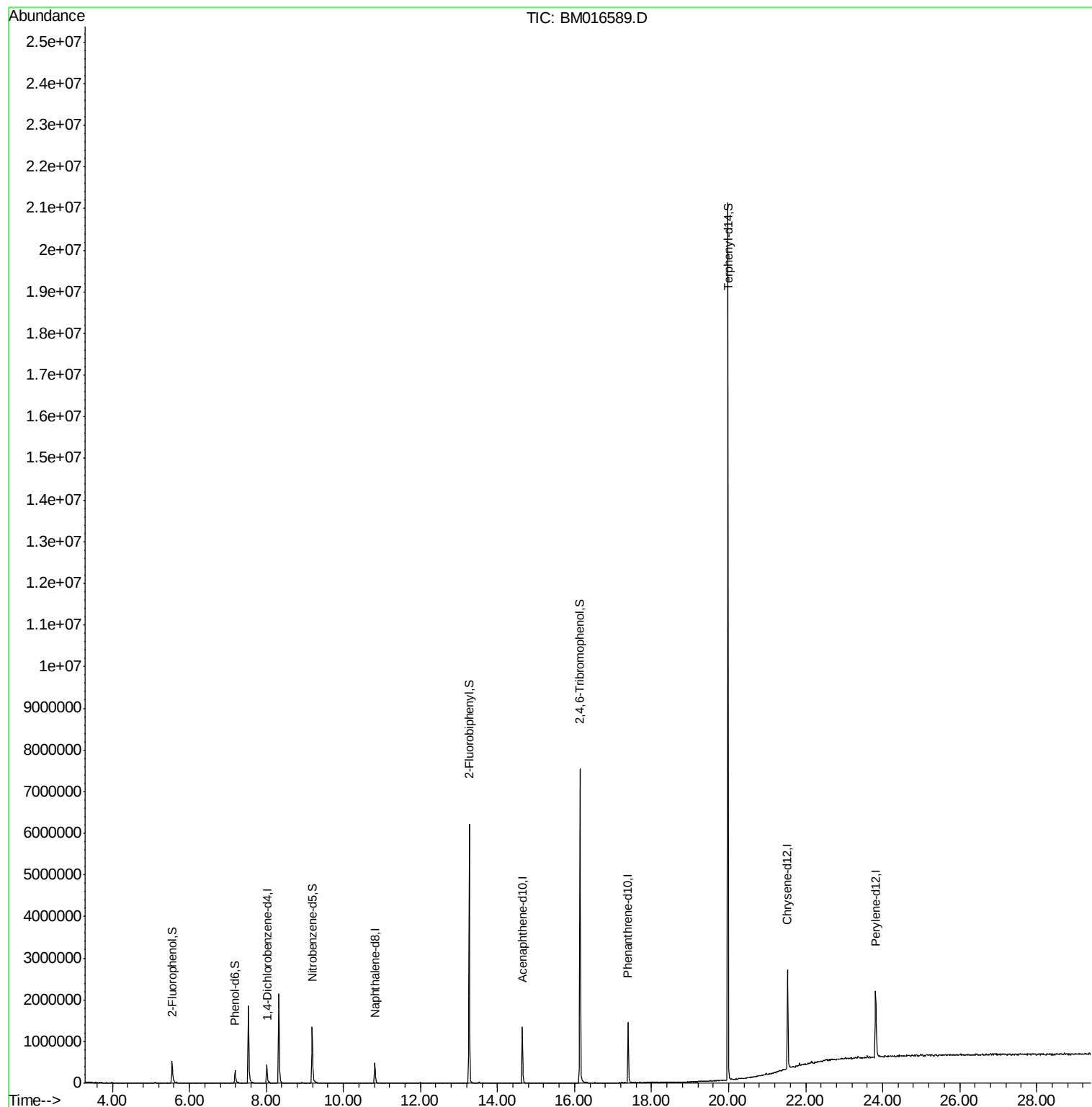
Target Compounds Qvalue

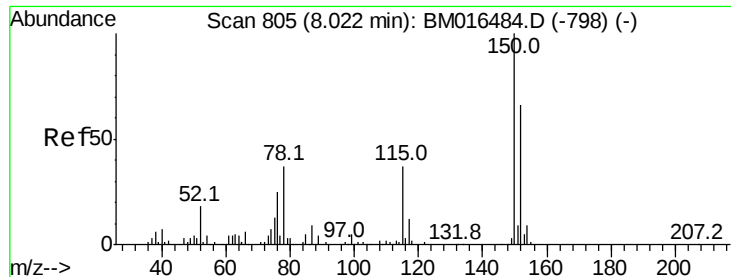
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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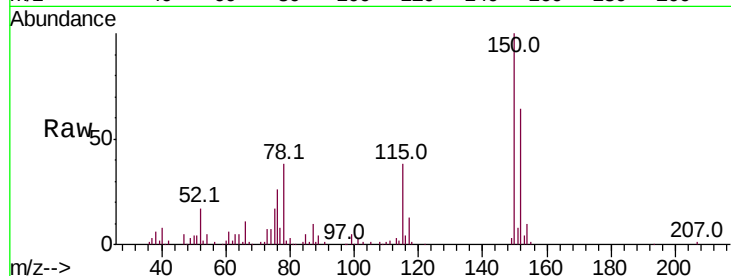


#1

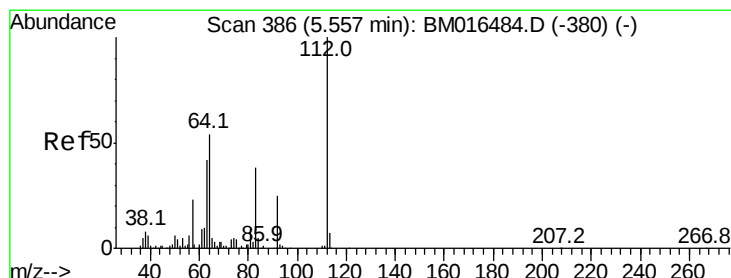
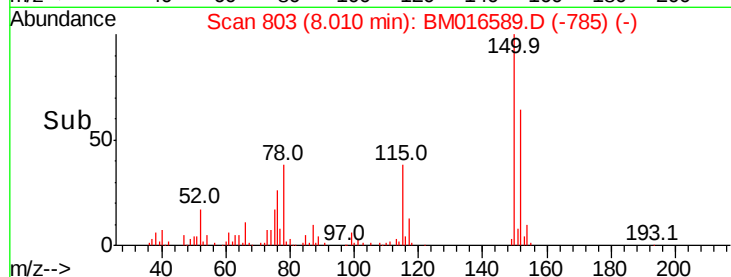
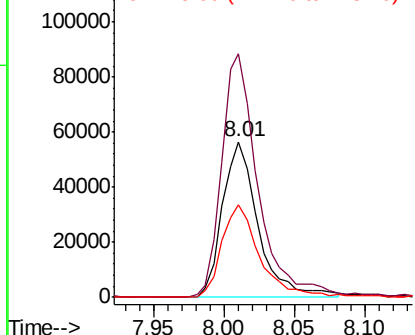
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

Instrument :
BNA_M
ClientSampleId :
20180517-FIELD-BLANK

Tot Ion:152 Resp: 99633
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 59.2 43.0 64.4



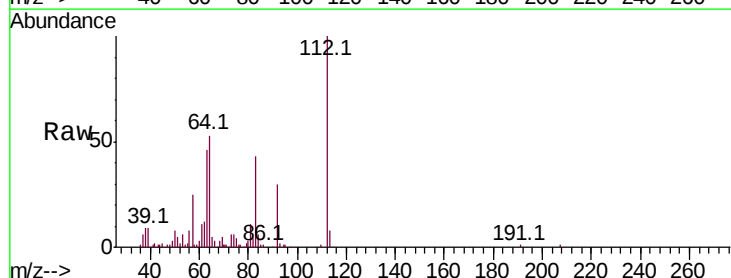
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



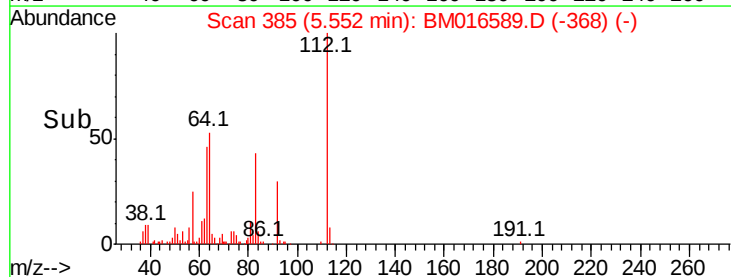
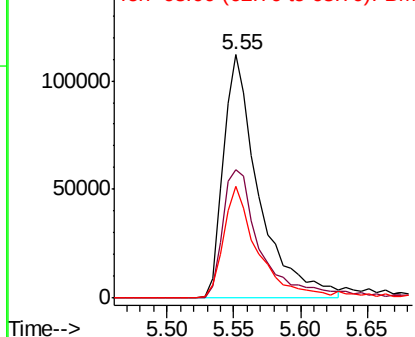
#5

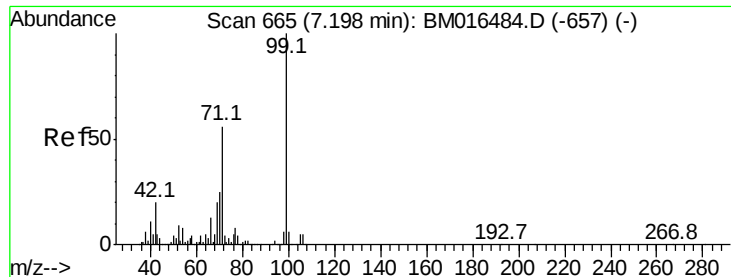
2-Fluorophenol
Concen: 41.149 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

Tgt Ion:112 Resp: 209218
Ion Ratio Lower Upper
112 100
64 52.7 38.6 57.8
63 46.0 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: 21.016 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016589.D

Acq: 24 Aug 2018 15:39

Instrument :

BNA_M

ClientSampleId :

20180517-FIELD-BLANK

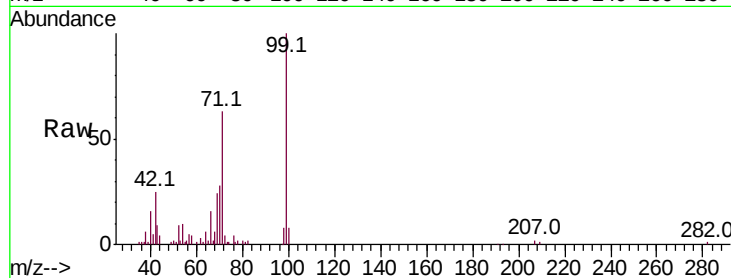
Tot Ion: 99 Resp: 141398

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 63.4 23.4 35.2#

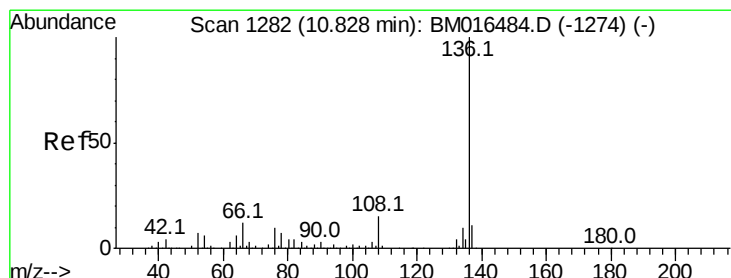
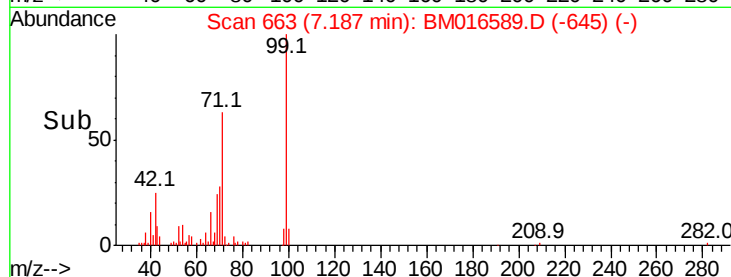
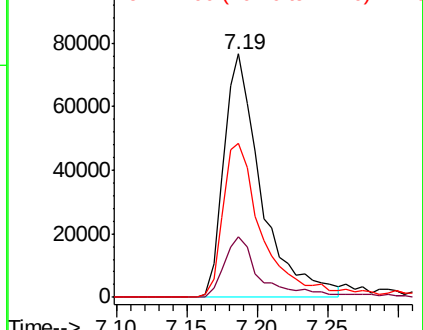


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016589.D

Acq: 24 Aug 2018 15:39

Tgt Ion: 136 Resp: 343464

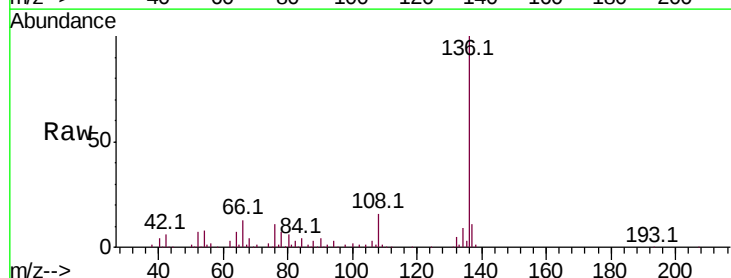
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.4 4.6 6.8#

68 3.7 3.7 5.5



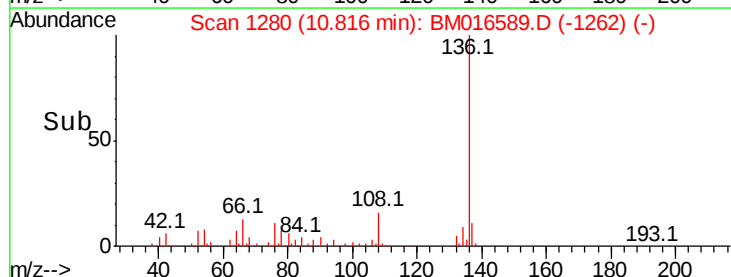
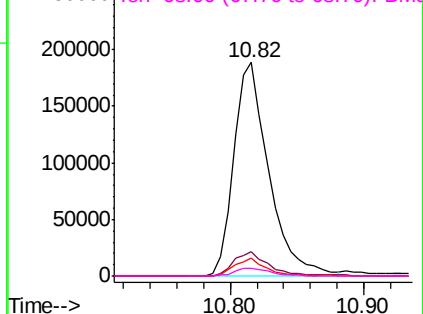
Abundance

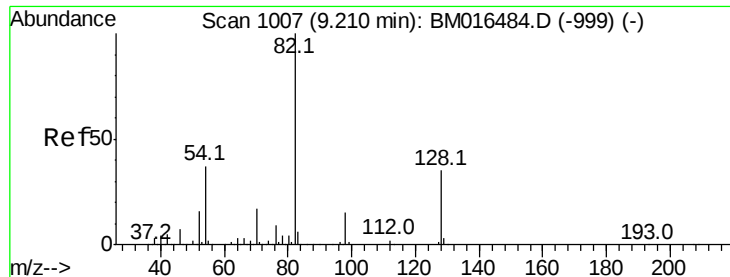
Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

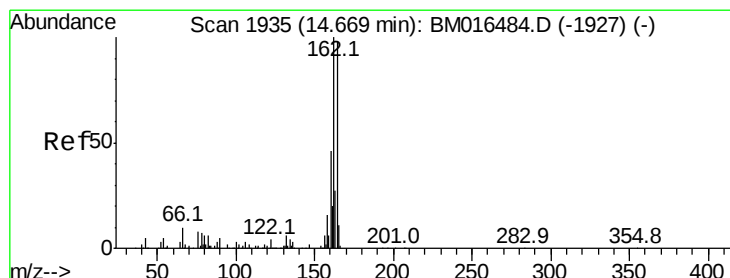
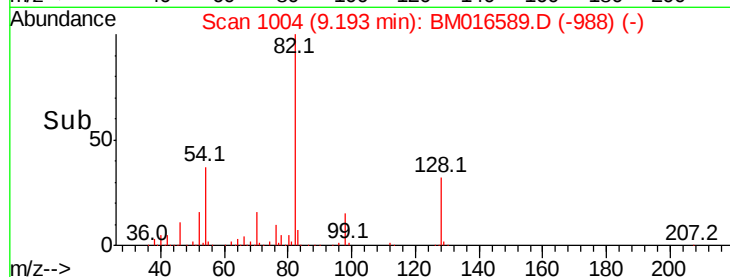
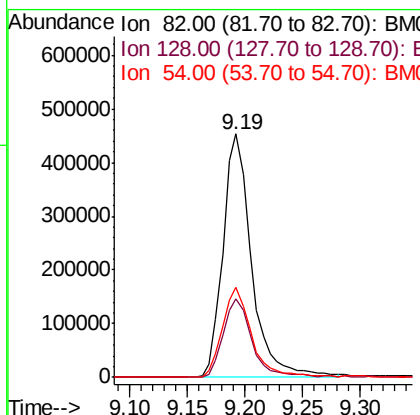
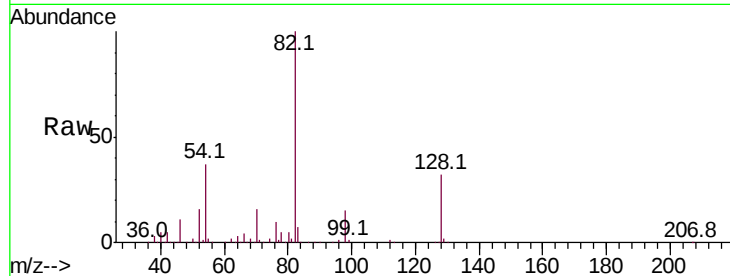




#23
Nitrobenzene-d5
Concen: 103.904 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

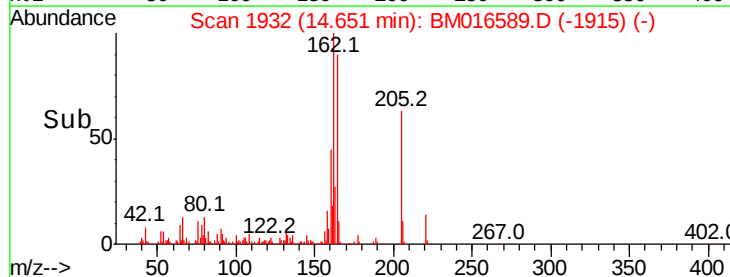
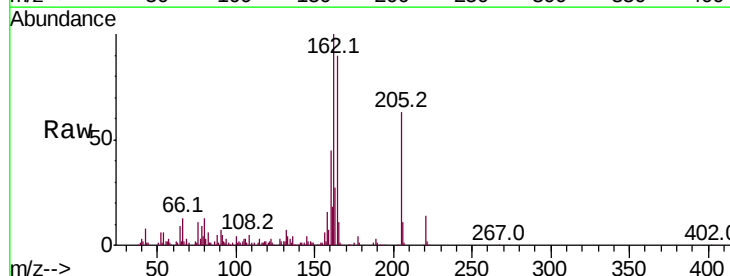
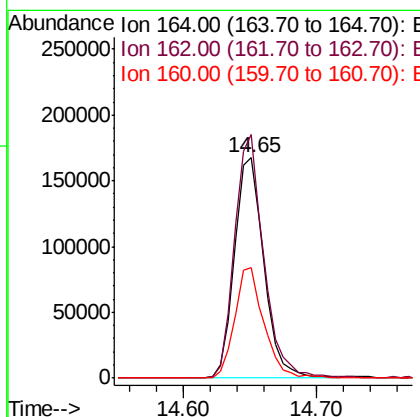
Instrument :
BNA_M
ClientSampleId :
20180517-FIELD-BLANK

Tot Ion	82	Resp	781607
Ion	Ratio	Lower	Upper
82	100		
128	32.1	32.8	49.2#
54	37.0	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

Tgt Ion	164	Resp	257130
Ion	Ratio	Lower	Upper
164	100		
162	110.7	82.4	123.6
160	50.3	35.8	53.6

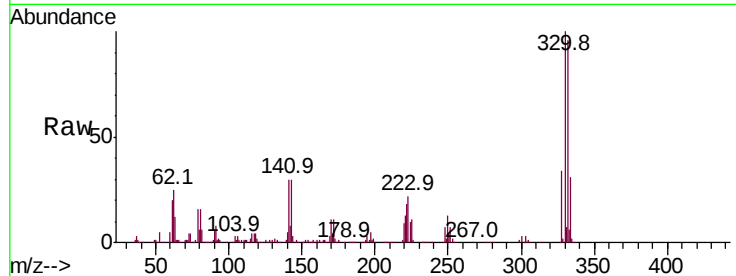




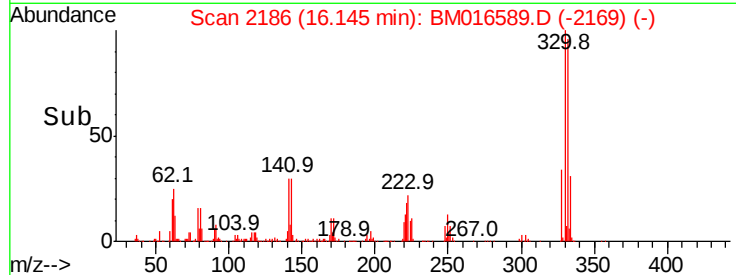
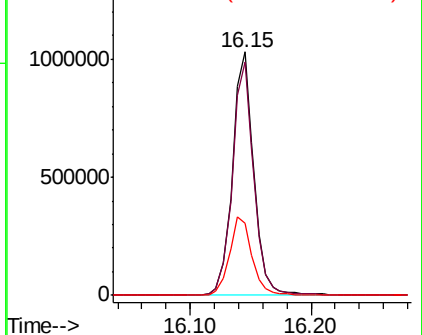
#41
 2,4,6-Tribromophenol
 Concen: 176.481 ng
 RT: 16.15 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BM016589.D
 Acq: 24 Aug 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :
 20180517-FIELD-BLANK

Tot Ion:330 Resp: 1268521
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 34.5 0.0 0.0#

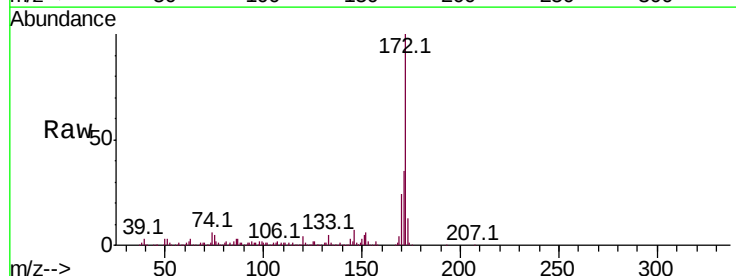


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

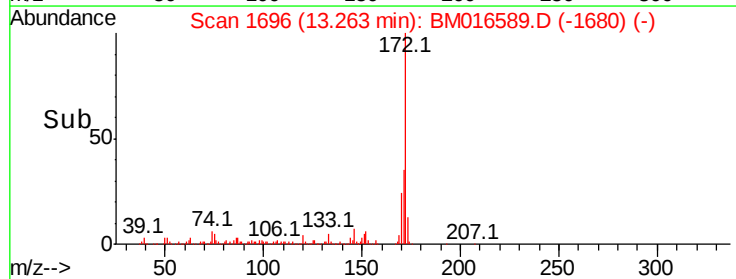
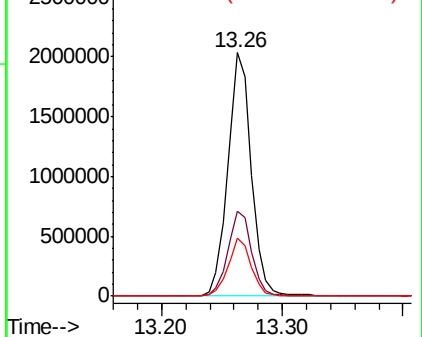


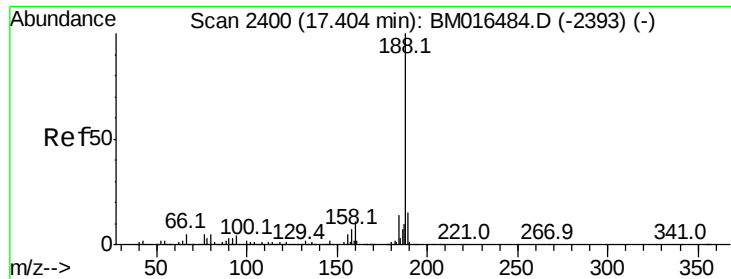
#44
 2-Fluorobiphenyl
 Concen: 102.779 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM016589.D
 Acq: 24 Aug 2018 15:39

Tgt Ion:172 Resp: 2749358
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.7 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

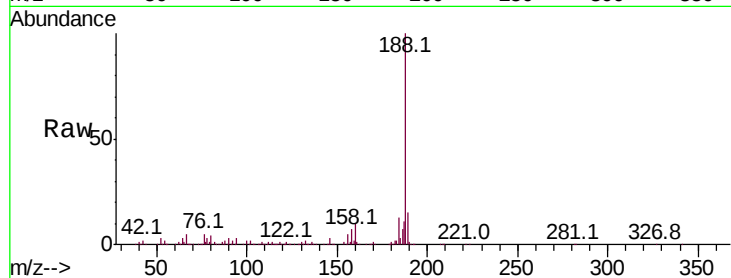




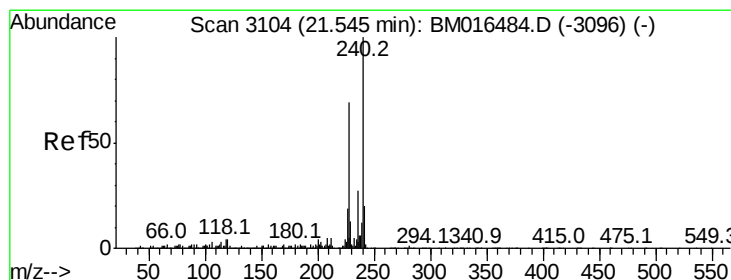
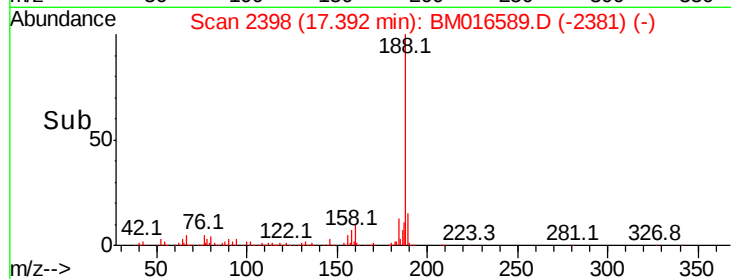
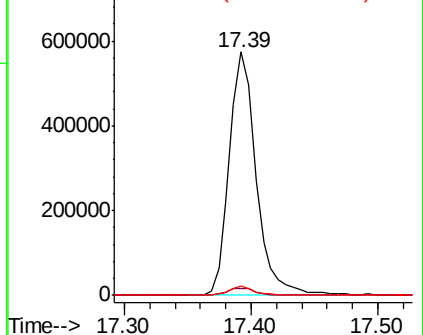
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

Instrument :
BNA_M
ClientSampleId :
20180517-FIELD-BLANK

Tot Ion:188 Resp: 845645
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 3.8 9.3 13.9#

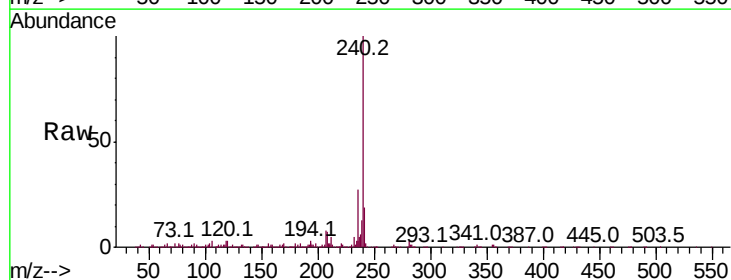


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

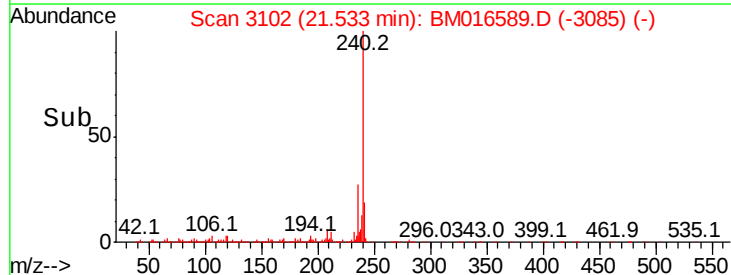
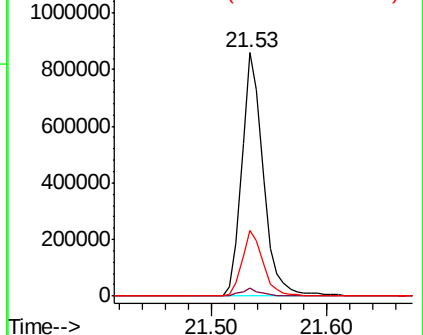


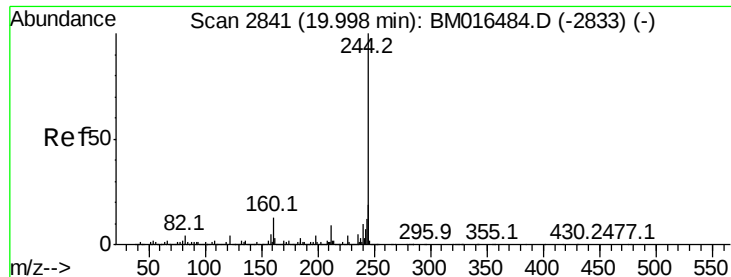
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016589.D
Acq: 24 Aug 2018 15:39

Tgt Ion:240 Resp: 1106370
Ion Ratio Lower Upper
240 100
120 3.1 8.2 12.2#
236 27.2 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: 155.006 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016589.D

Acq: 24 Aug 2018 15:39

Instrument :

BNA_M

ClientSampleId :

20180517-FIELD-BLANK

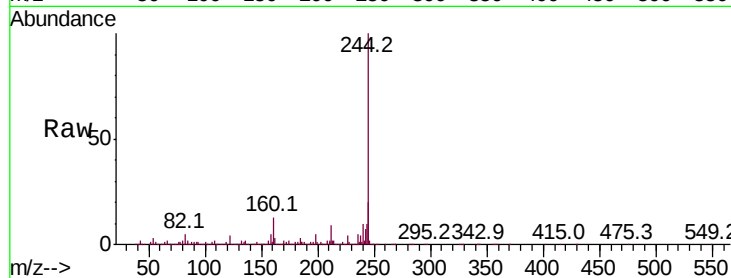
Tot Ion:244 Resp: 8102442

Ion Ratio Lower Upper

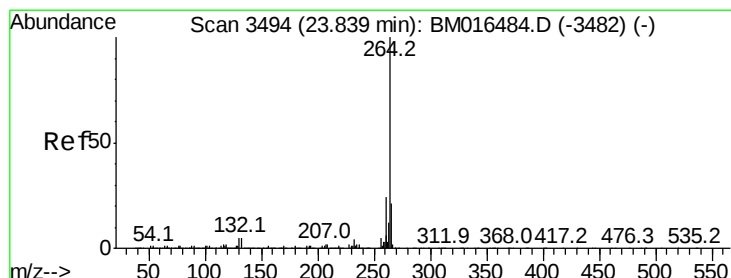
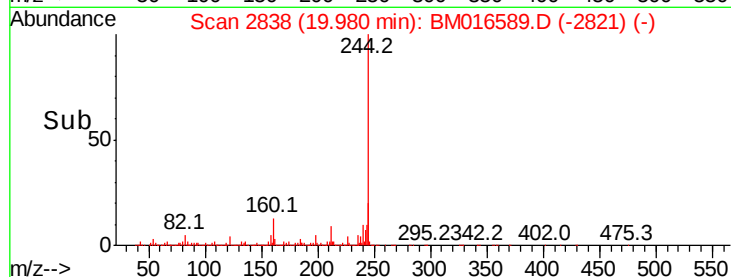
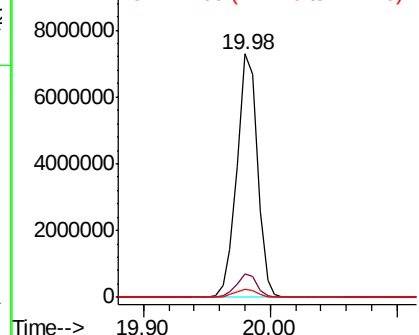
244 100

212 9.4 4.9 7.3#

122 3.5 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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# 3490

Delta R.T. -0.00 min

Lab File: BM016589.D

Acq: 24 Aug 2018 15:39

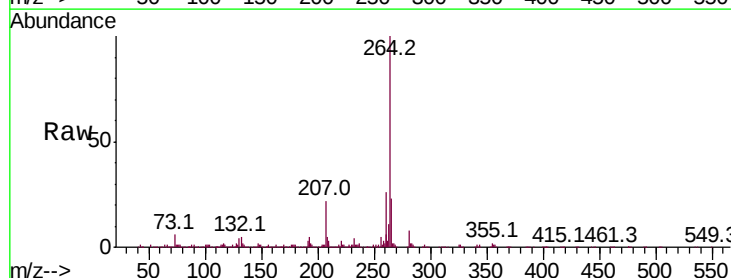
Tgt Ion:264 Resp: 1301034

Ion Ratio Lower Upper

264 100

260 25.7 18.6 27.8

265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

