

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016535.D
 Acq On : 23 Aug 2018 01:11
 Operator : SJ/JU
 Sample : J4525-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-D-S

Quant Time: Aug 23 04:01:21 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	105728	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	339917	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	266772	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	883877	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1249117	20.00	ng	0.00
86) Perylene-d12	23.83	264	1471033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	201028	37.26	ng	0.00
7) Phenol-d6	7.19	99	148194	20.76	ng	0.00
23) Nitrobenzene-d5	9.20	82	868884	116.71	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	840966	112.77	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3260418	117.48	ng	0.00
78) Terphenyl-d14	19.99	244	8129552	137.75	ng	0.00

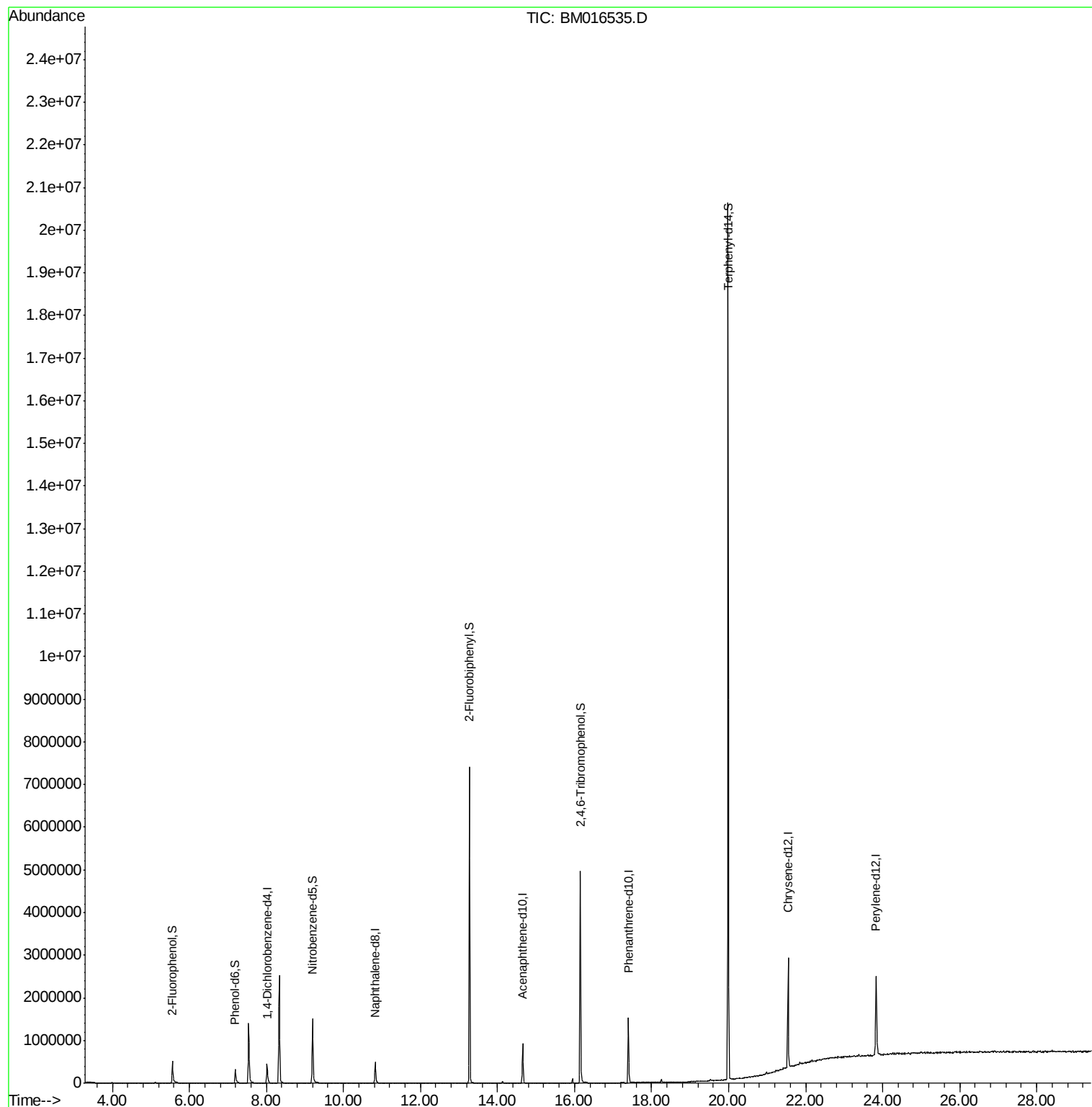
Target Compounds Qvalue

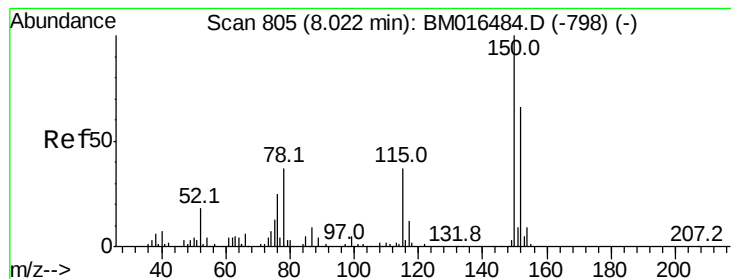
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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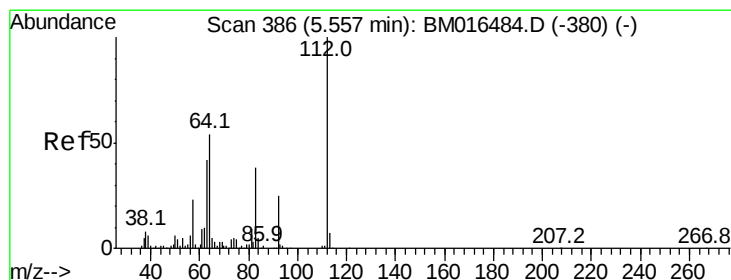
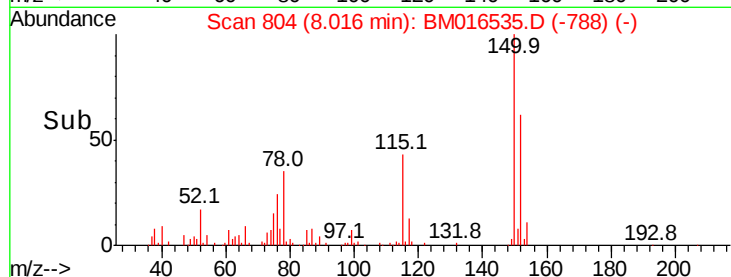
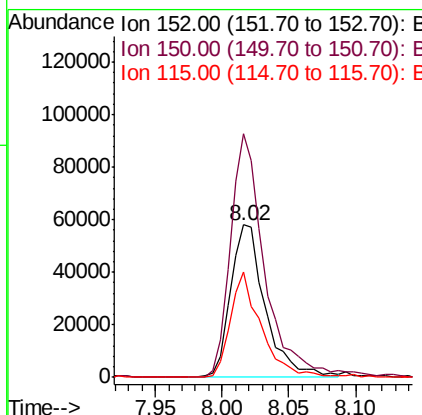
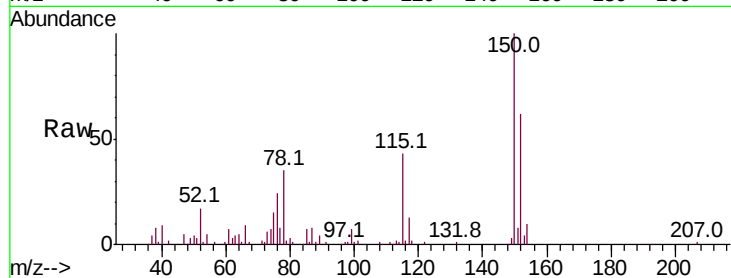


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016535.D
Acq: 23 Aug 2018 01:11

Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-D-S

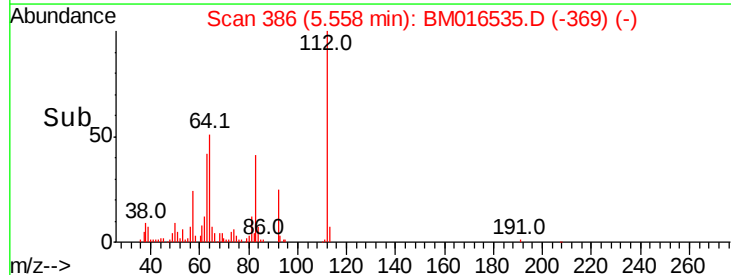
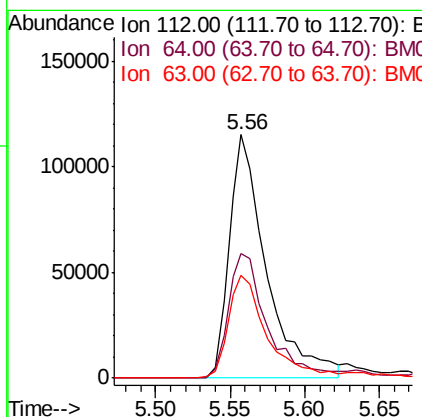
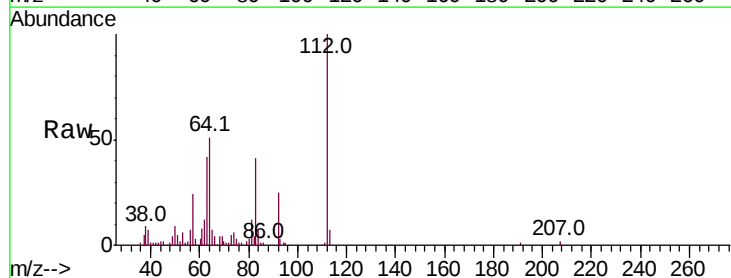
Tot Ion:152 Resp: 105728
Ion Ratio Lower Upper
152 100
150 160.0 119.5 179.3
115 69.5 43.0 64.4#

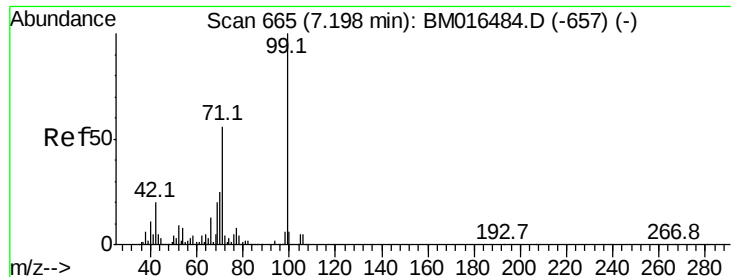


#5

2-Fluorophenol
Concen: 37.259 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016535.D
Acq: 23 Aug 2018 01:11

Tgt Ion:112 Resp: 201028
Ion Ratio Lower Upper
112 100
64 51.0 38.6 57.8
63 42.1 19.3 28.9#





#7

Phenol-d6

Concen: 20.756 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-S

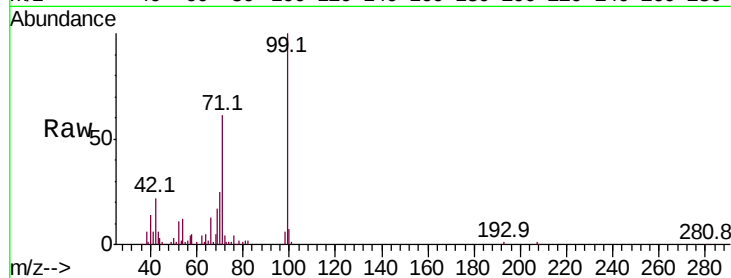
Tot Ion: 99 Resp: 148194

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

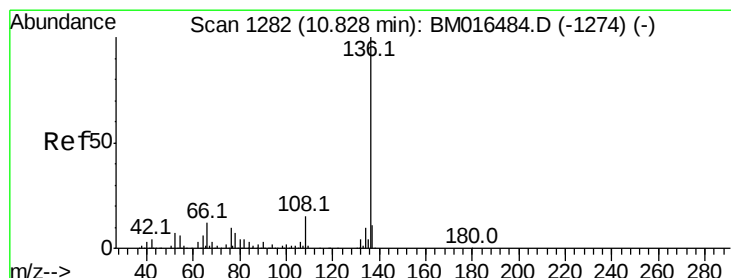
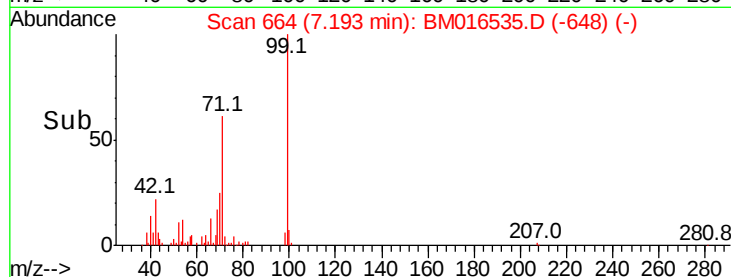
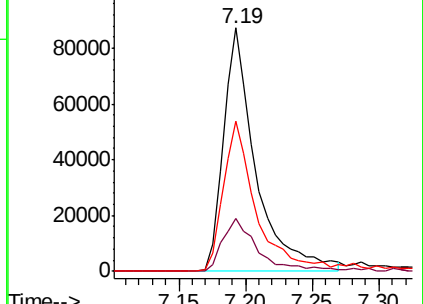
71 61.4 23.4 35.2#



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# 1281

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

Tgt Ion: 136 Resp: 339917

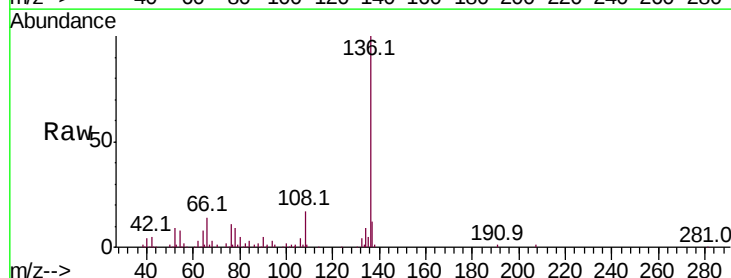
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 8.5 4.6 6.8#

68 3.3 3.7 5.5#

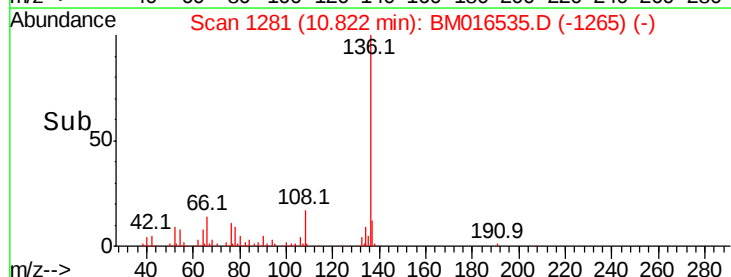
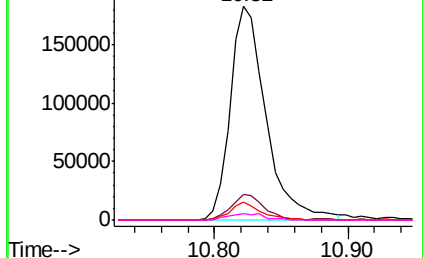


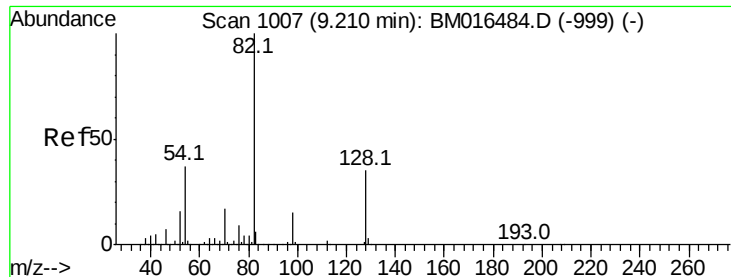
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: 116.712 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-S

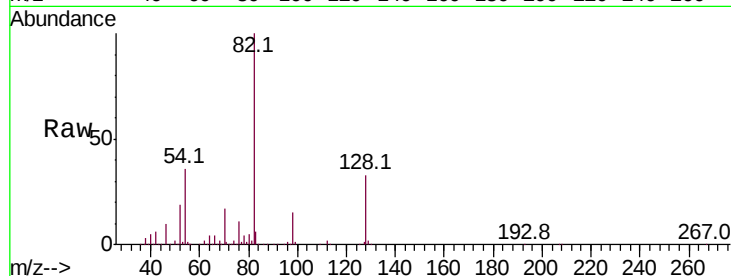
Tot Ion: 82 Resp: 868884

Ion Ratio Lower Upper

82 100

128 33.0 32.8 49.2

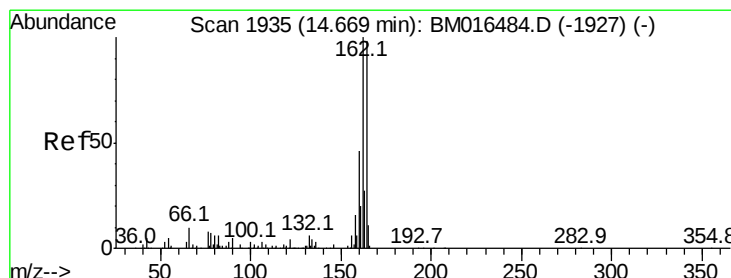
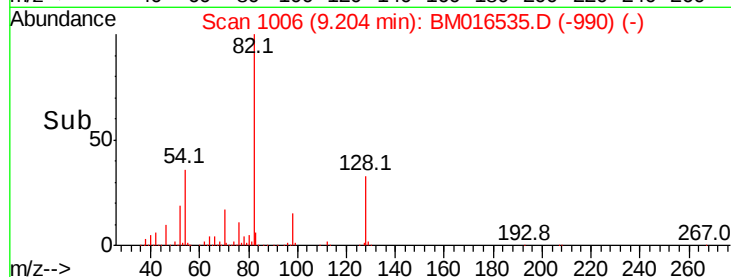
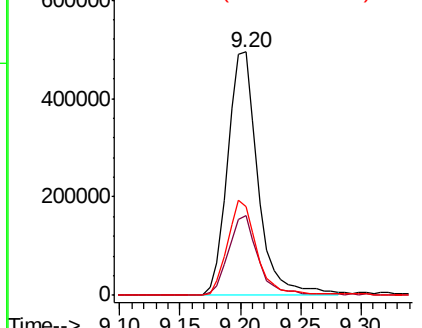
54 36.5 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016535.D (-1918) (-)

Ion 128.00 (127.70 to 128.70): BM016535.D (-1918) (-)

Ion 54.00 (53.70 to 54.70): BM016535.D (-1918) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

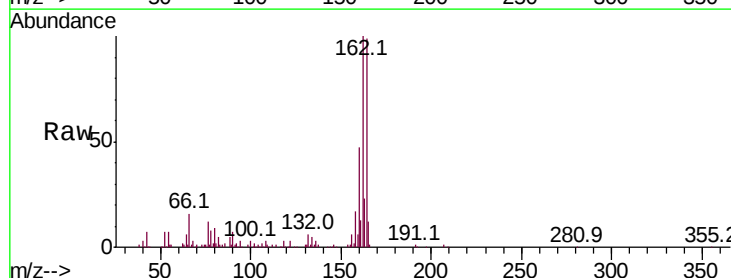
Tgt Ion: 164 Resp: 266772

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

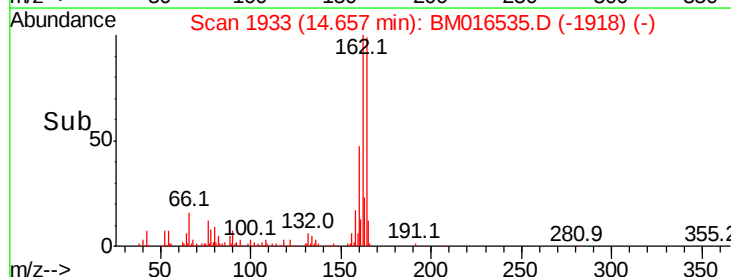
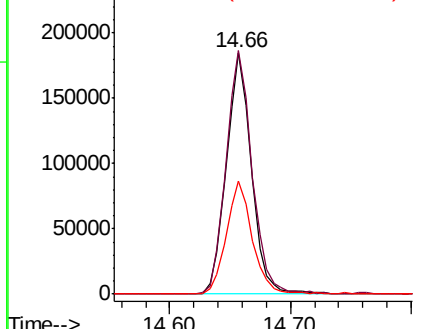
160 47.0 35.8 53.6

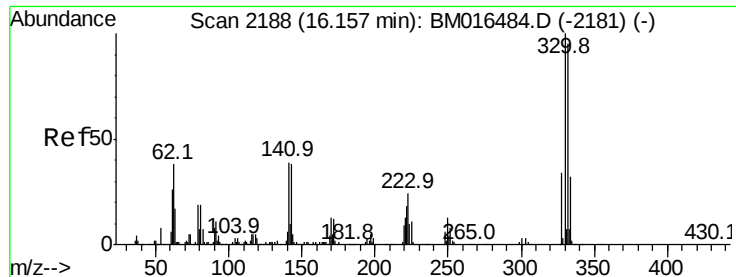


Abundance Ion 164.00 (163.70 to 164.70): BM016535.D (-1918) (-)

Ion 162.00 (161.70 to 162.70): BM016535.D (-1918) (-)

Ion 160.00 (159.70 to 160.70): BM016535.D (-1918) (-)

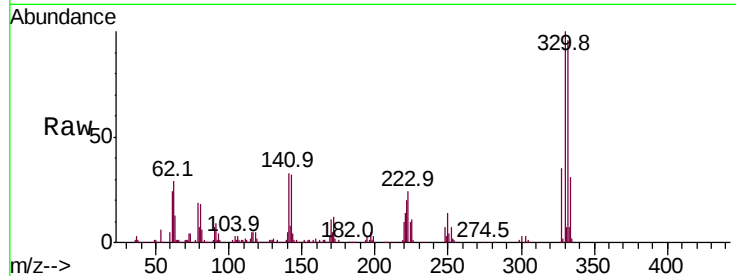




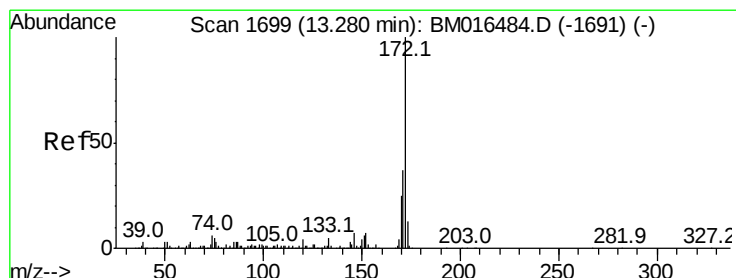
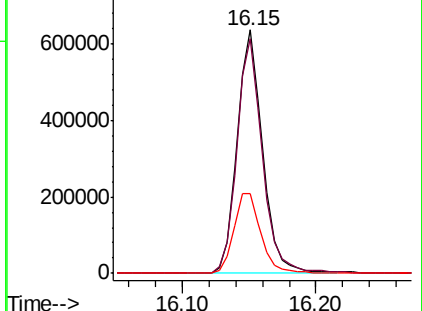
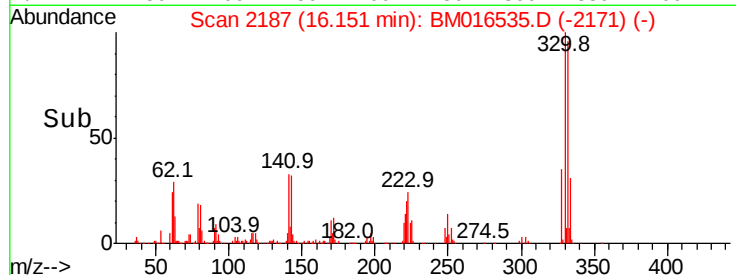
#41
 2,4,6-Tribromophenol
 Concen: 112.769 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016535.D
 Acq: 23 Aug 2018 01:11

Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	35.3	0.0	0.0#

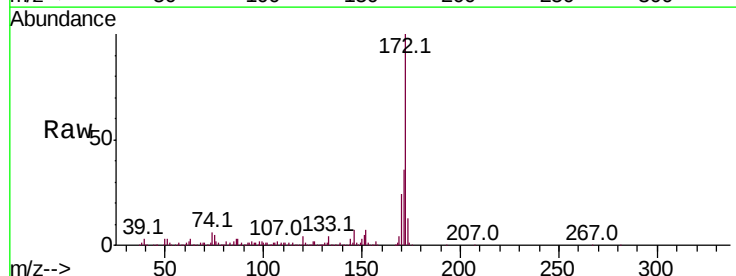


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

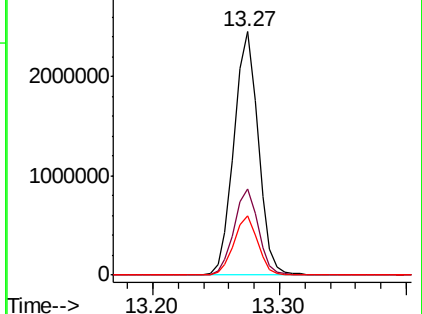
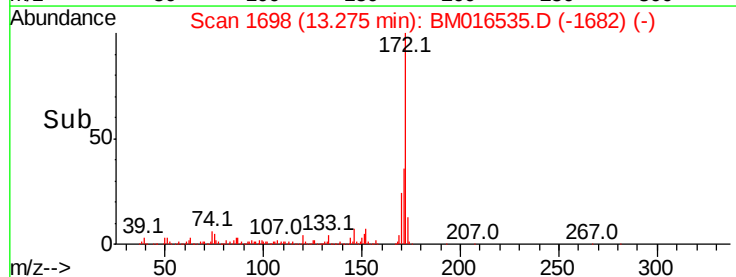


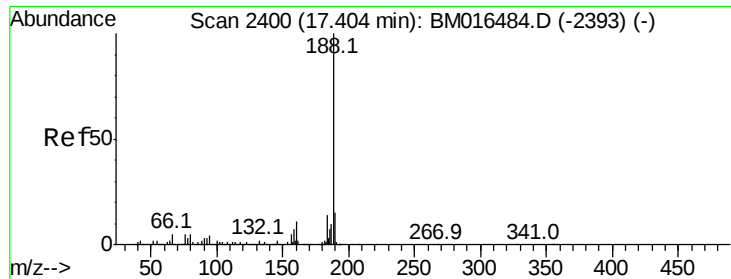
#44
 2-Fluorobiphenyl
 Concen: 117.478 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016535.D
 Acq: 23 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.2	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

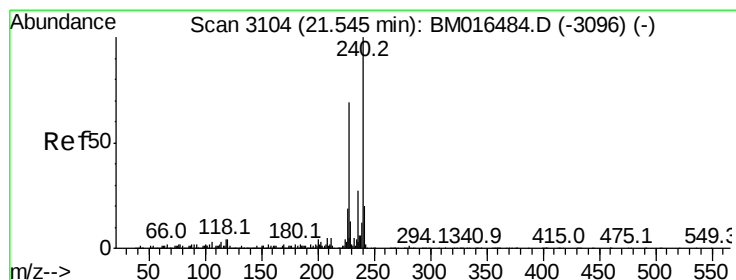
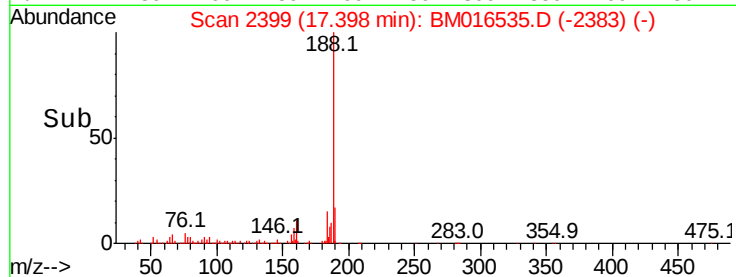
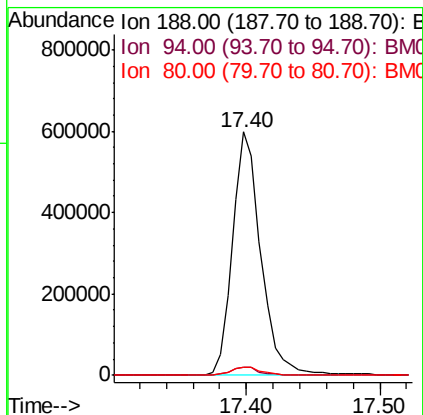
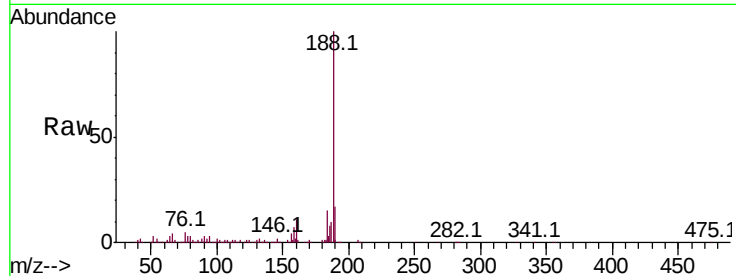




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016535.D
Acq: 23 Aug 2018 01:11

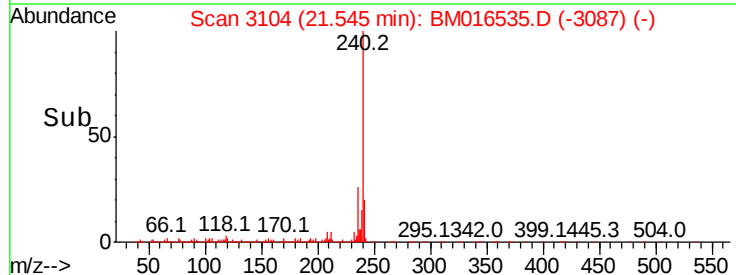
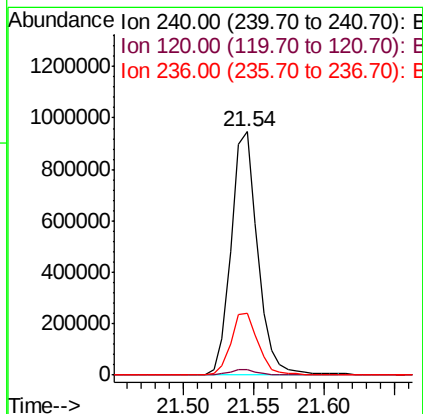
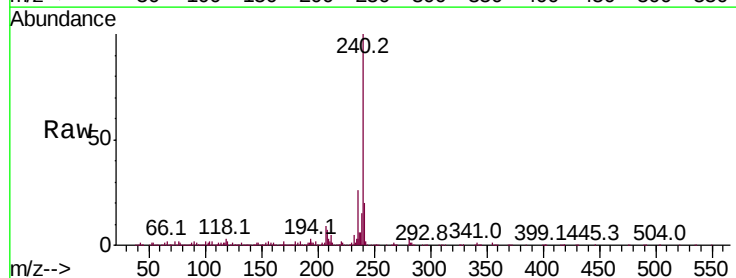
Instrument :
BNA_M
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081518-TIPC-F-D-S

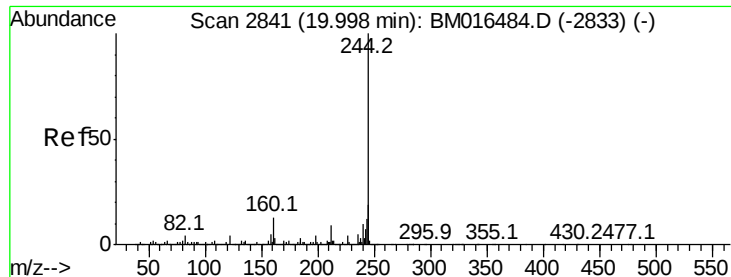
Tot Ion:188 Resp: 883877
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016535.D
Acq: 23 Aug 2018 01:11

Tgt Ion:240 Resp: 1249117
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 137.751 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-S

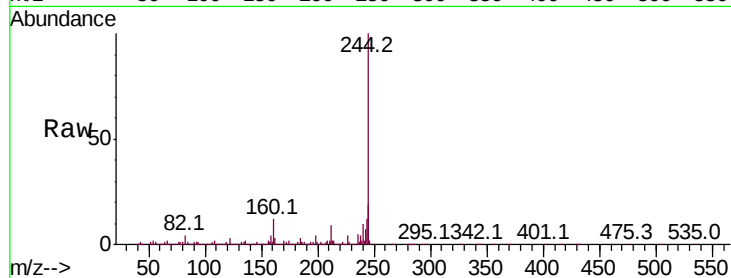
Tot Ion:244 Resp: 8129552

Ion Ratio Lower Upper

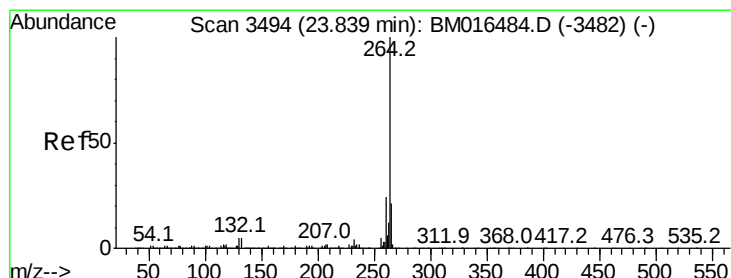
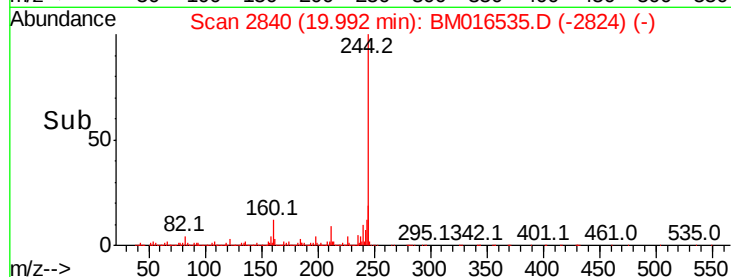
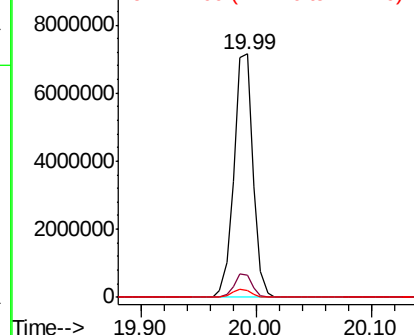
244 100

212 9.2 4.9 7.3#

122 3.0 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: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

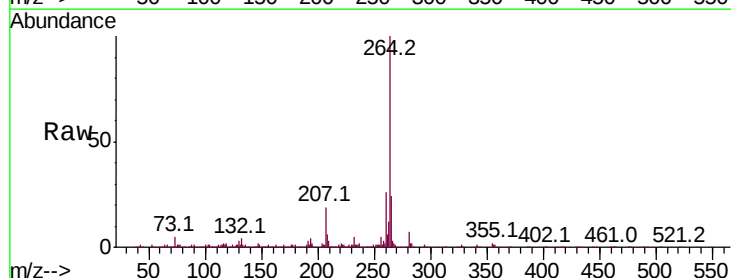
Tgt Ion:264 Resp: 1471033

Ion Ratio Lower Upper

264 100

260 25.5 18.6 27.8

265 24.1 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

