

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016534.D
 Acq On : 23 Aug 2018 00:35
 Operator : SJ/JU
 Sample : J4525-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 23 03:58:17 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	106614	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	347403	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	264062	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	864661	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1179183	20.00	ng	0.00
86) Perylene-d12	23.83	264	1372023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	216695	39.83	ng	0.00
7) Phenol-d6	7.19	99	155666	21.62	ng	-0.01
23) Nitrobenzene-d5	9.20	82	885755	116.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	792243	107.33	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3244936	118.12	ng	0.00
78) Terphenyl-d14	19.99	244	7466514	134.02	ng	-0.01

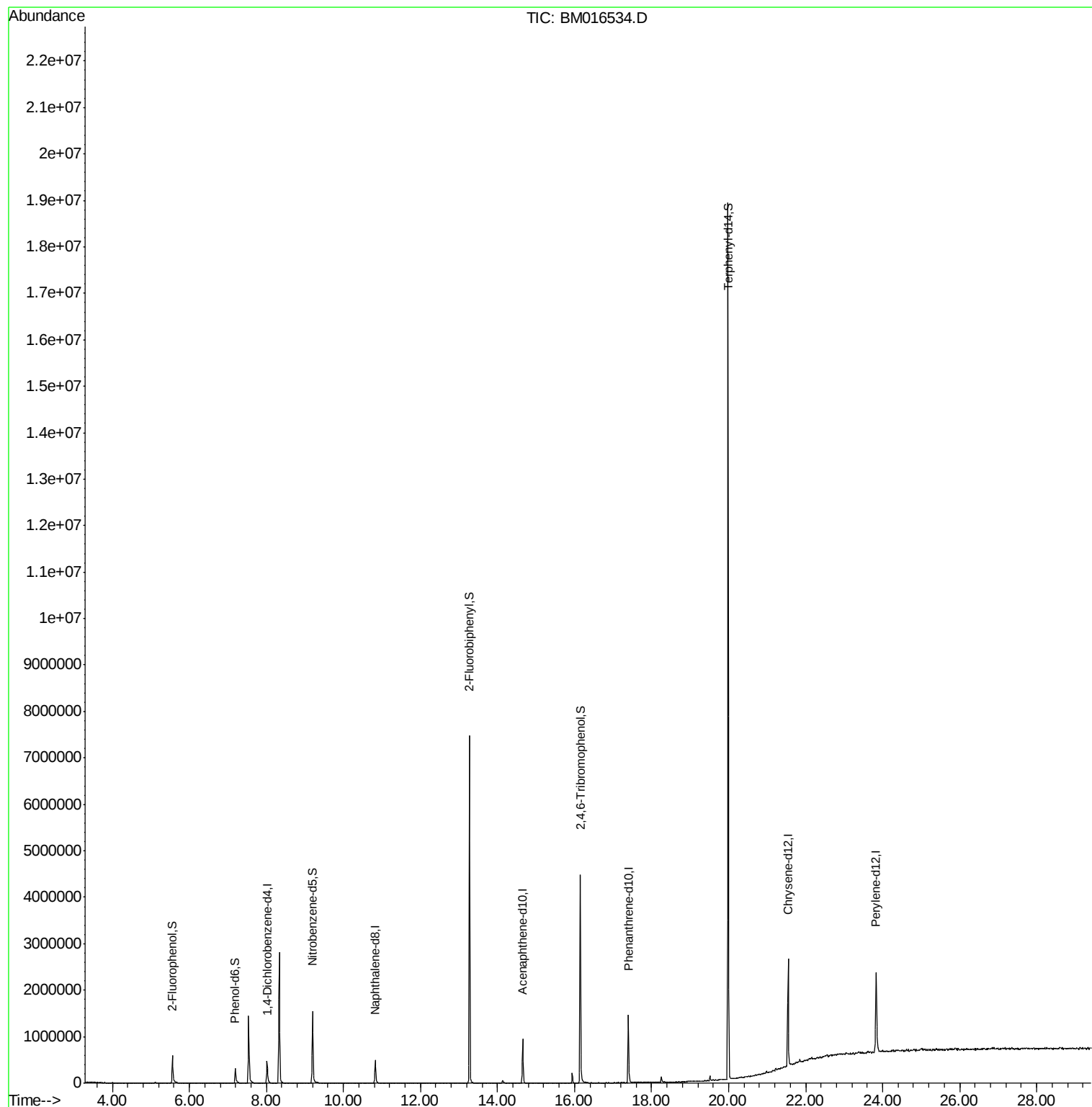
Target Compounds Qvalue

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

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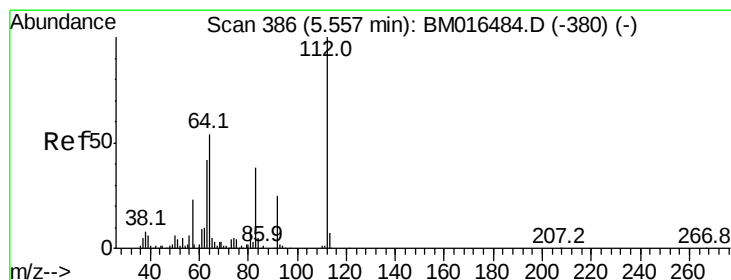
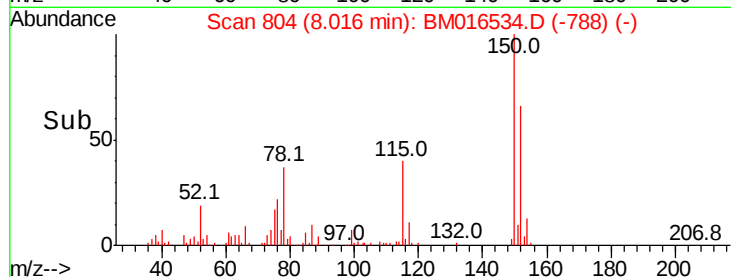
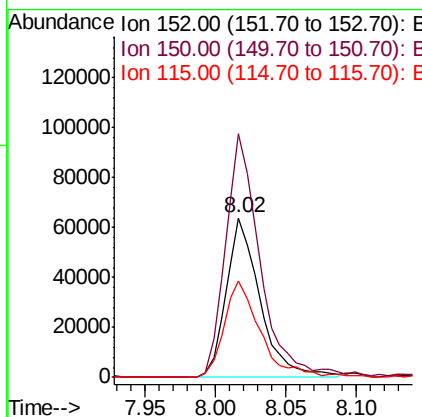
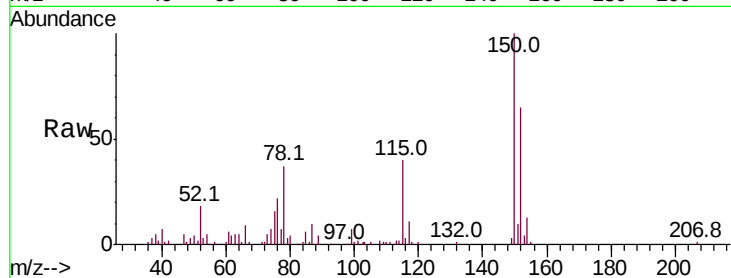


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

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

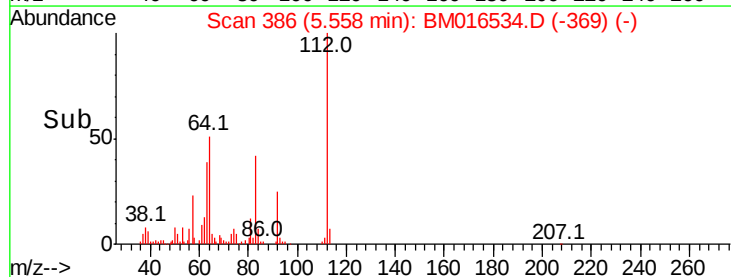
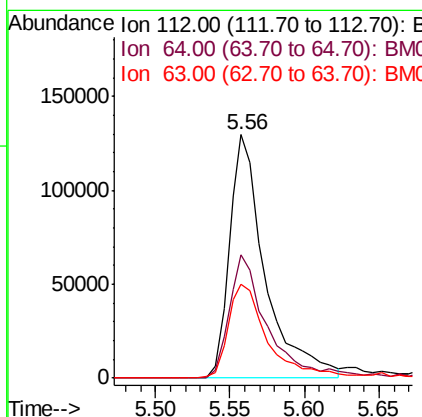
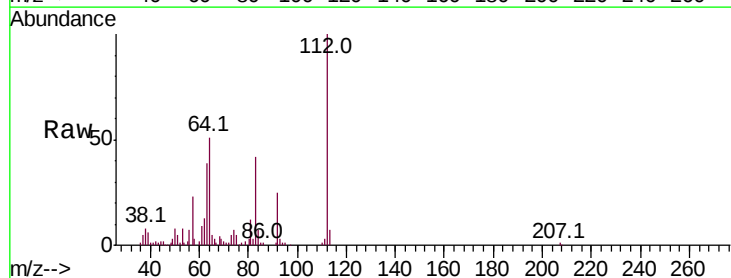
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	60.5	43.0	64.4

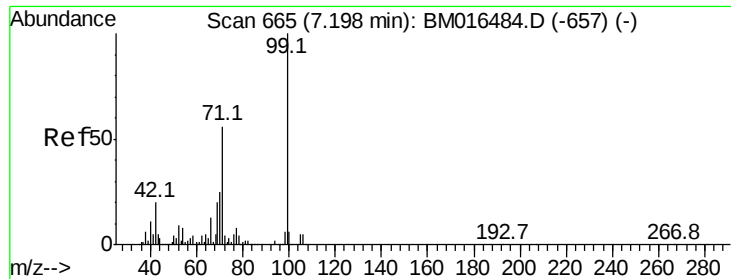


#5

2-Fluorophenol
Concen: 39.829 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	38.6	57.8
63	38.8	19.3	28.9





#7

Phenol-d6

Concen: 21.622 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016534.D

Acq: 23 Aug 2018 00:35

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-B

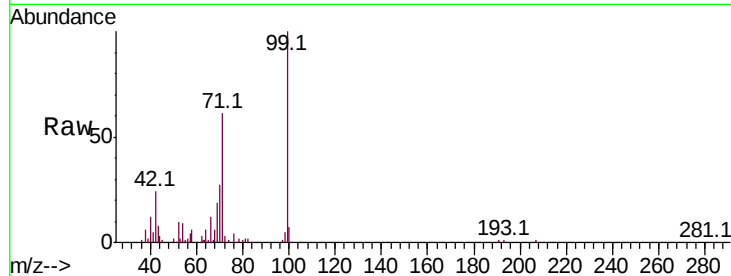
Tot Ion: 99 Resp: 155666

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

71 60.9 23.4 35.2#

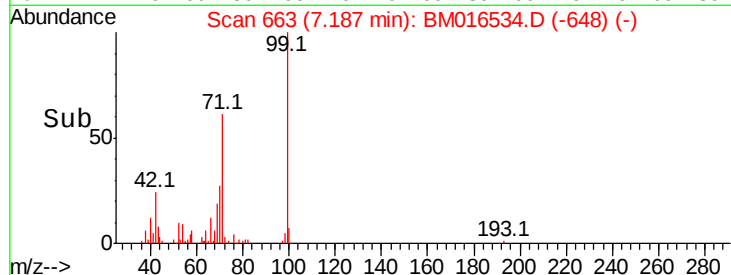


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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

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

Time-->



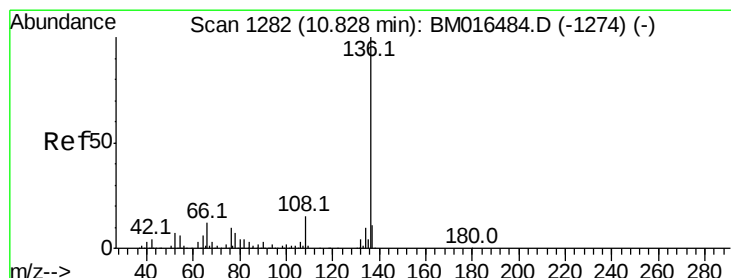
Abundance

Ion 99.00 (98.70 to 99.70): BM016534.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016534.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016534.D (-648) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016534.D

Acq: 23 Aug 2018 00:35

Tgt Ion: 136 Resp: 347403

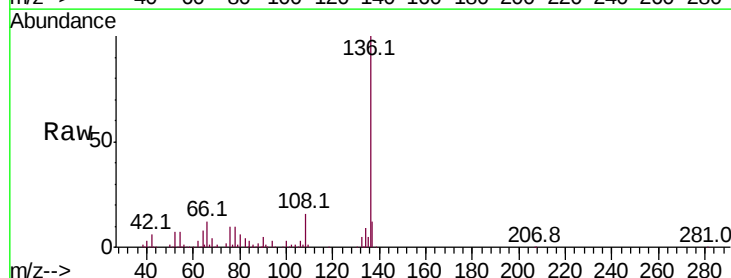
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 6.8 4.6 6.8#

68 4.3 3.7 5.5



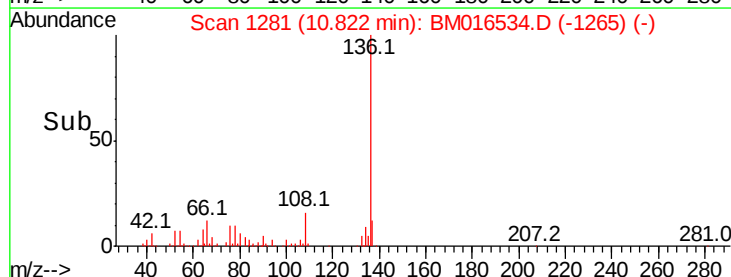
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

Time-->



Abundance

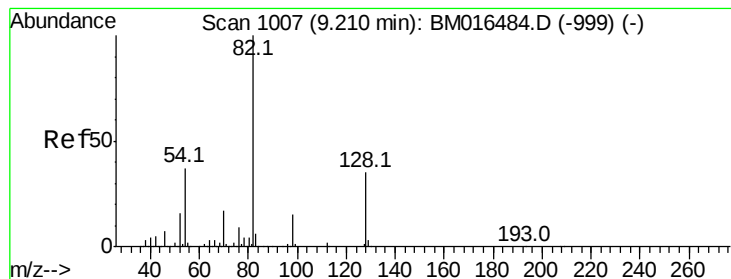
Ion 136.00 (135.70 to 136.70): BM016534.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016534.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016534.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016534.D (-1265) (-)

Time-->



#23

Nitrobenzene-d5

Concen: 116.414 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016534.D

Acq: 23 Aug 2018 00:35

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-B

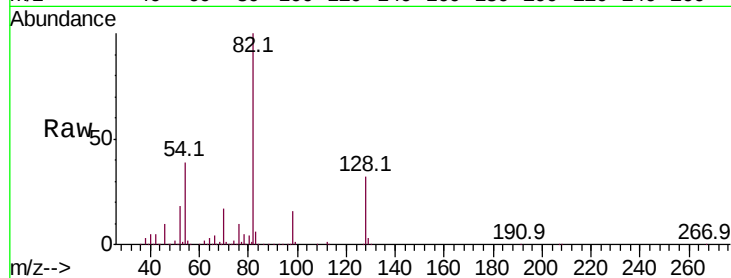
Tot Ion: 82 Resp: 885755

Ion Ratio Lower Upper

82 100

128 32.4 32.8 49.2#

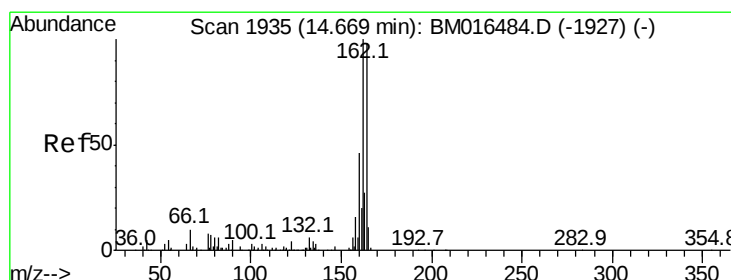
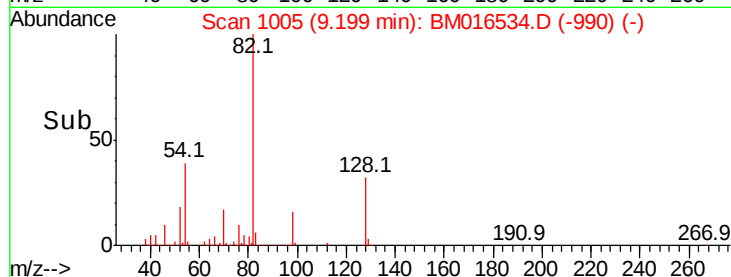
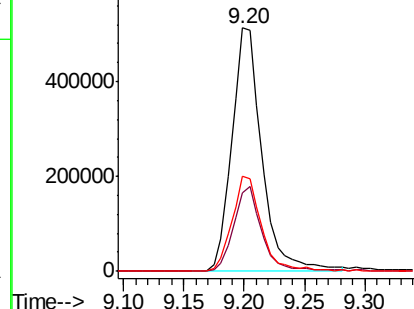
54 38.9 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016534.D

Acq: 23 Aug 2018 00:35

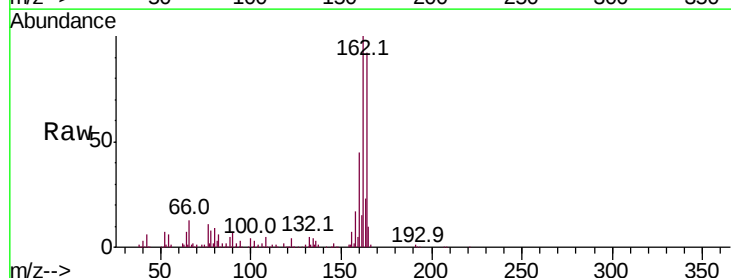
Tgt Ion: 164 Resp: 264062

Ion Ratio Lower Upper

164 100

162 109.1 82.4 123.6

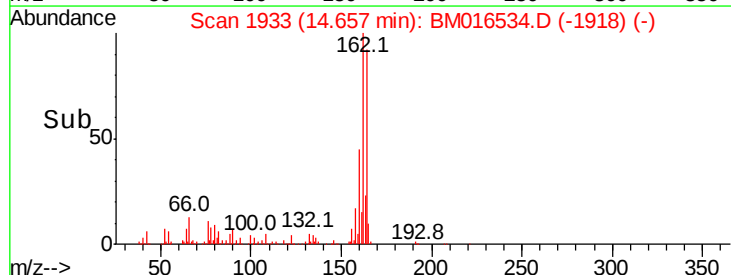
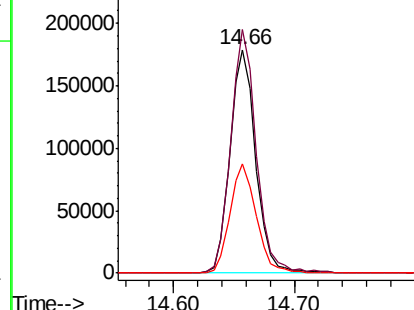
160 49.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

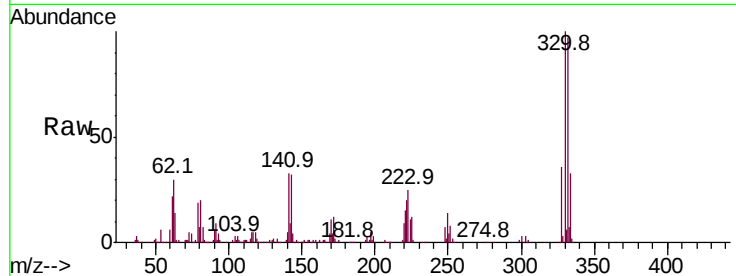




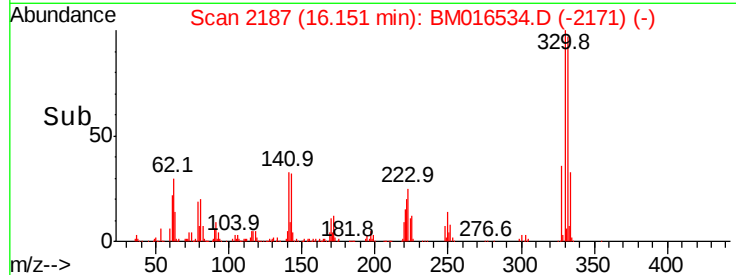
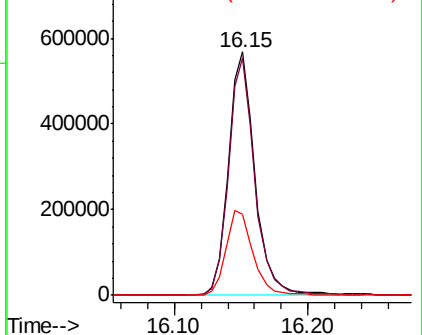
#41
2,4,6-Tribromophenol
Concen: 107.326 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	35.9	0.0	0.0#

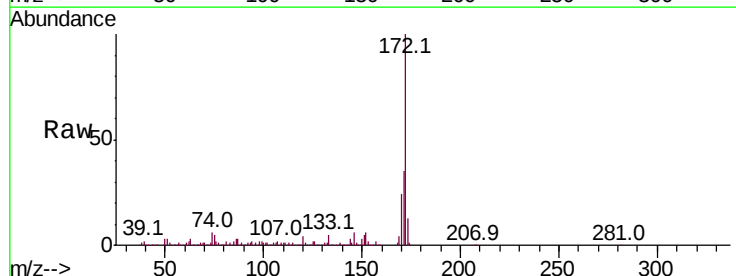


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

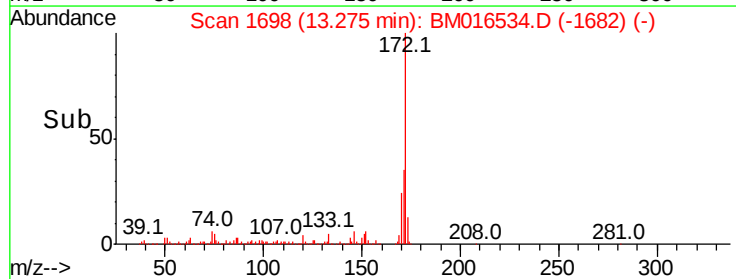
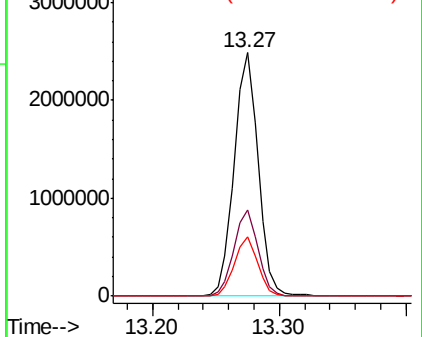


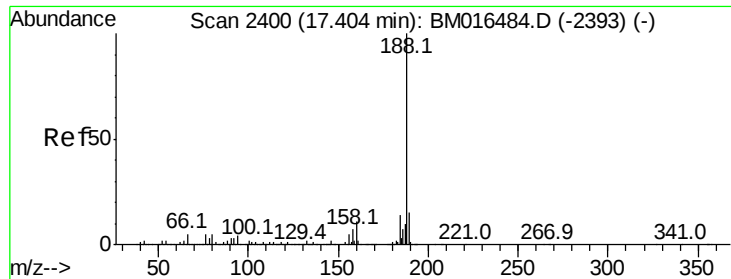
#44
2-Fluorobiphenyl
Concen: 118.120 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

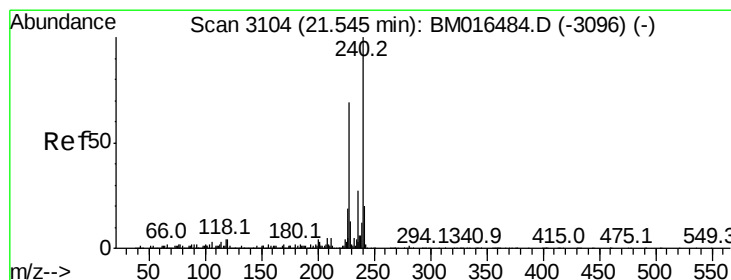
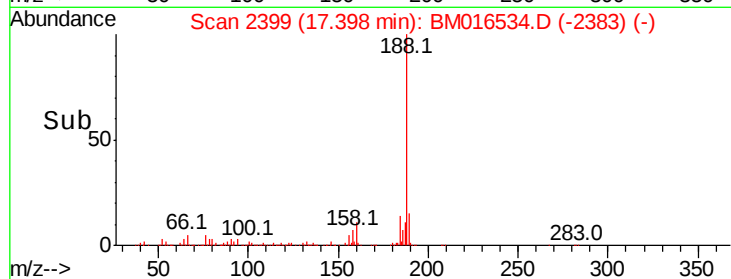
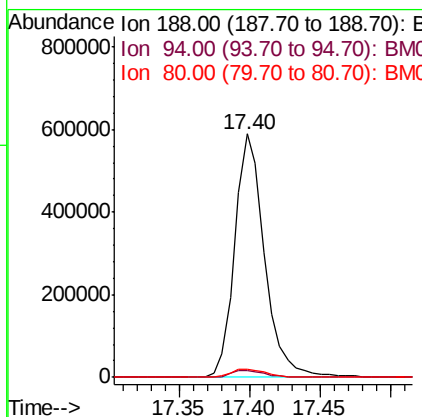
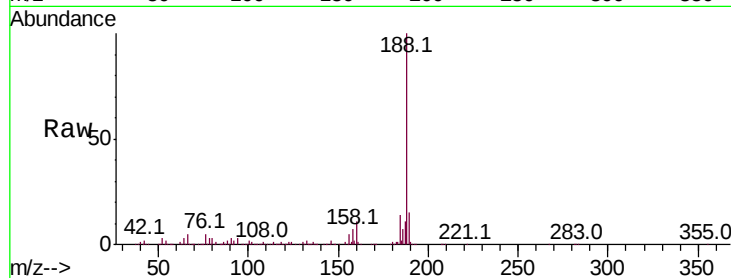




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

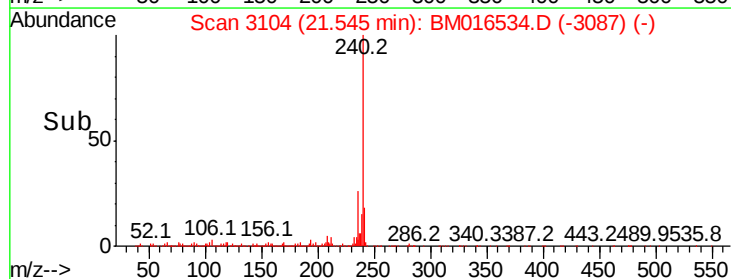
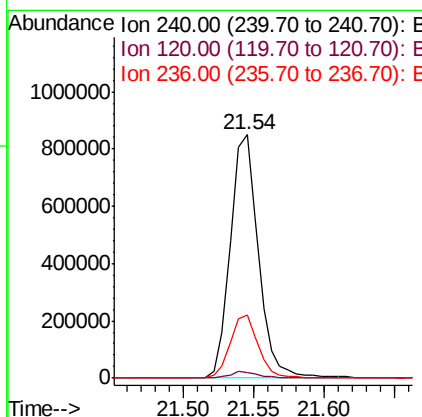
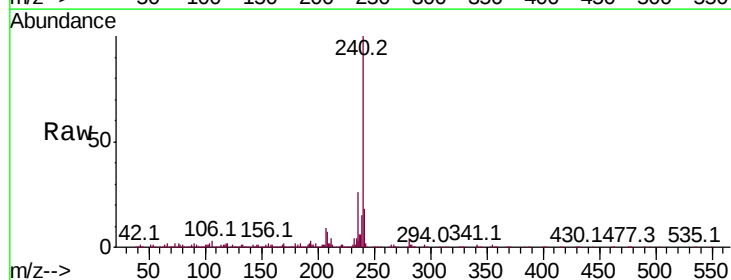
Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-D-B

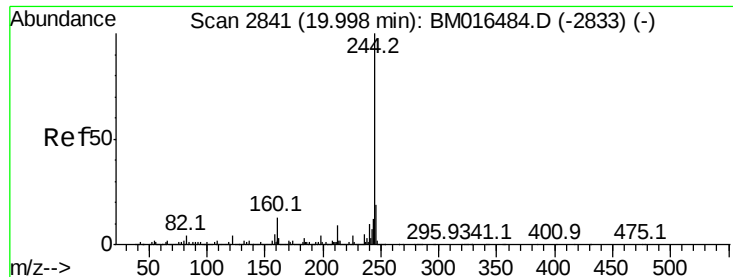
Tot Ion:188 Resp: 864661
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016534.D
Acq: 23 Aug 2018 00:35

Tgt Ion:240 Resp: 1179183
Ion Ratio Lower Upper
240 100
120 2.3 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 134.020 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016534.D

Acq: 23 Aug 2018 00:35

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-D-B

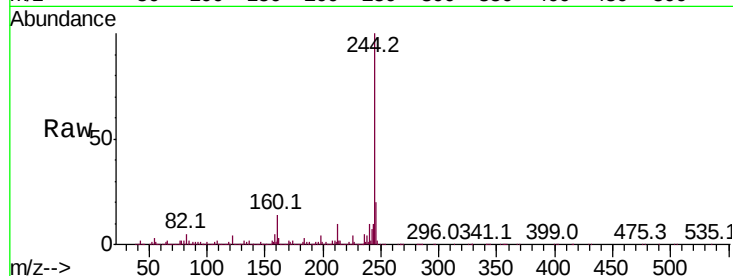
Tot Ion:244 Resp: 7466514

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

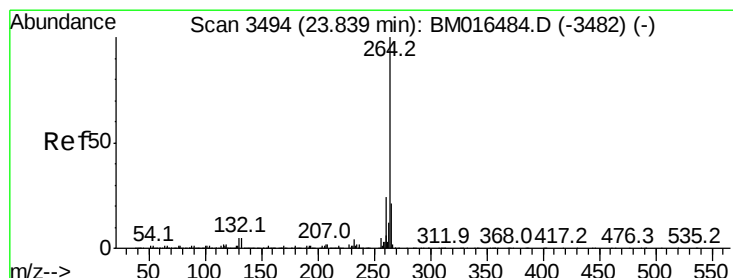
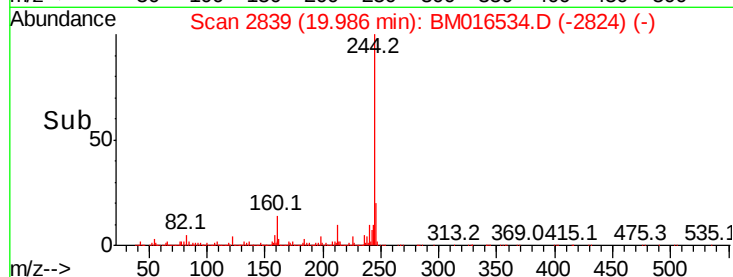
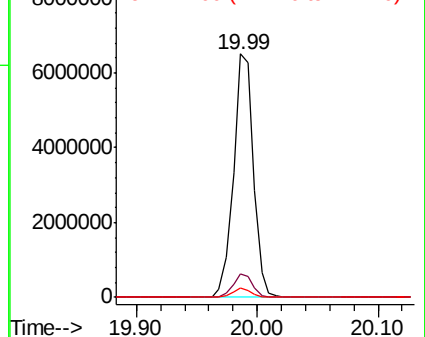
122 3.8 6.2 9.4#



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: BM016534.D

Acq: 23 Aug 2018 00:35

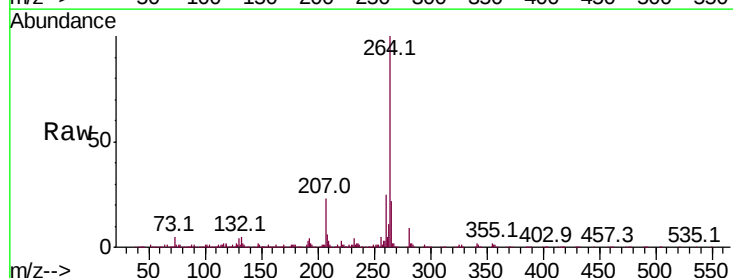
Tgt Ion:264 Resp: 1372023

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 21.9 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

