

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016545.D
 Acq On : 23 Aug 2018 08:27
 Operator : SJ/JU
 Sample : PB112126BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Quant Time: Aug 23 11:33:21 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	157806	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	482552	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	367607	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1202747	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1437906	20.00	ng	0.00
86) Perylene-d12	23.83	264	1553792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	875909	108.77	ng	0.00
7) Phenol-d6	7.19	99	1047639	98.31	ng	-0.01
23) Nitrobenzene-d5	9.20	82	828828	78.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1267122	123.31	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3039816	79.49	ng	-0.01
78) Terphenyl-d14	19.99	244	7285678	107.24	ng	-0.01

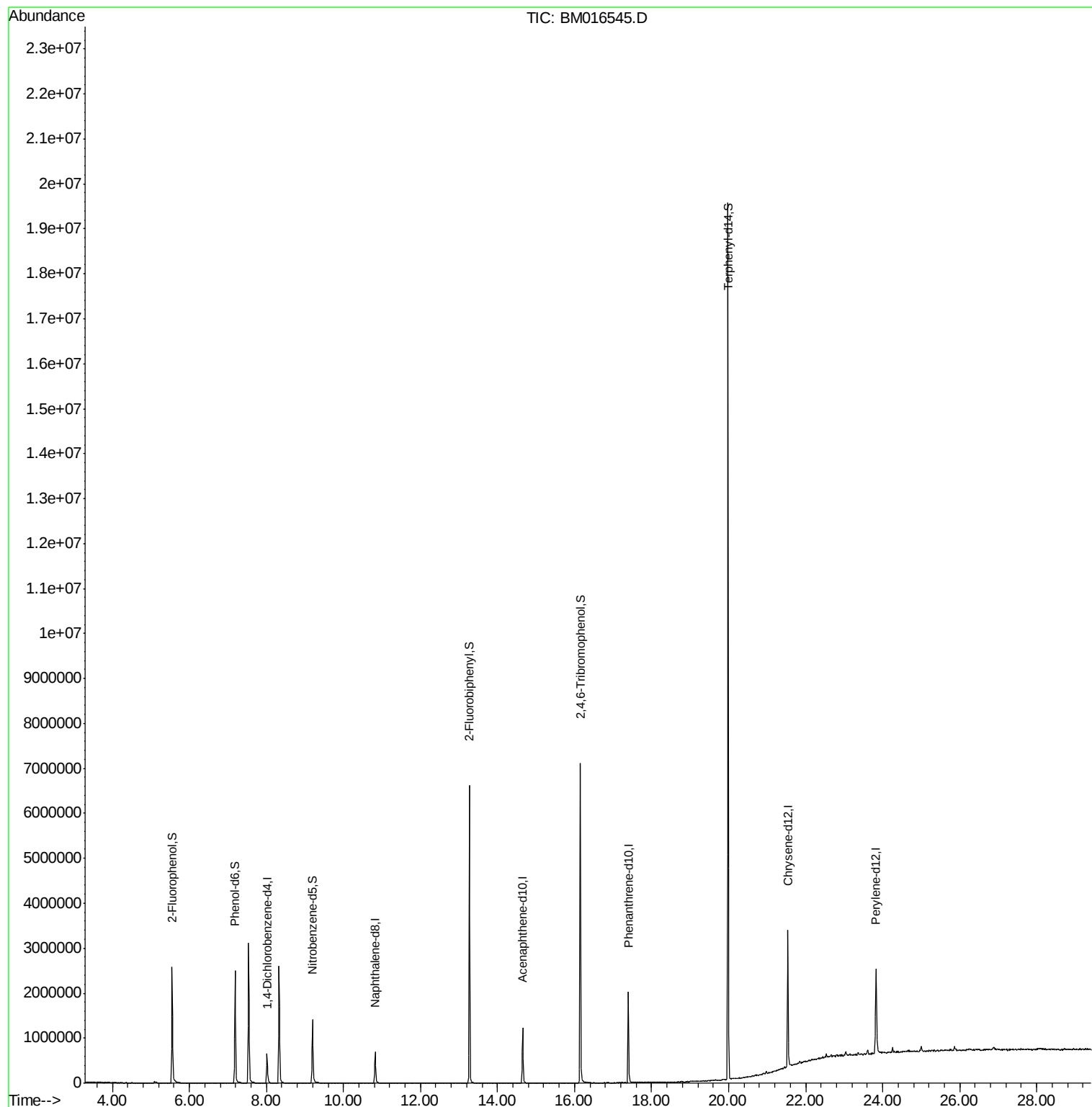
Target Compounds Qvalue

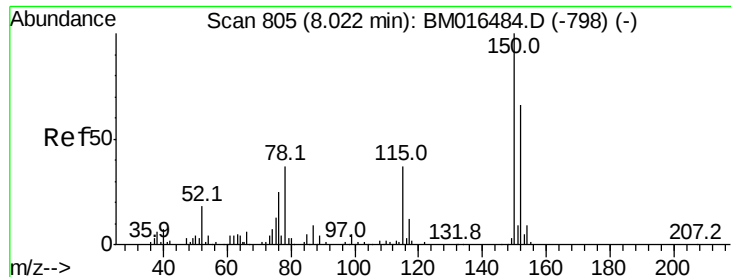
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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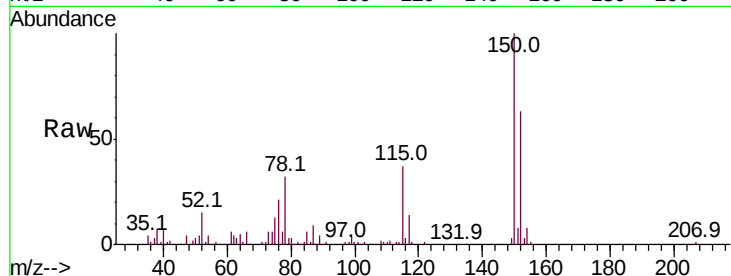


#1

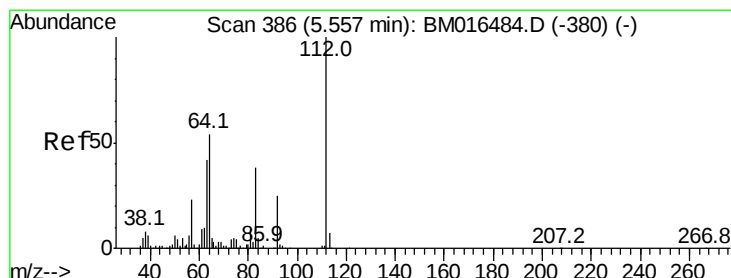
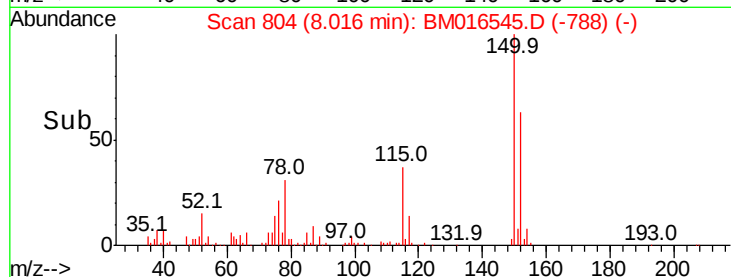
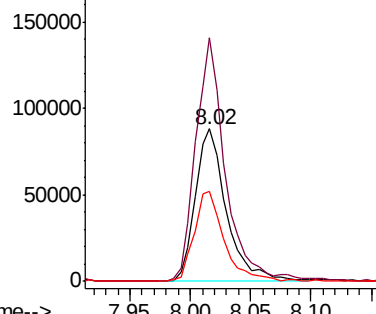
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016545.D
Acq: 23 Aug 2018 08:27

Instrument :
BNA_M
ClientSampleId :
PB112126BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	119.5	179.3
115	59.5	43.0	64.4



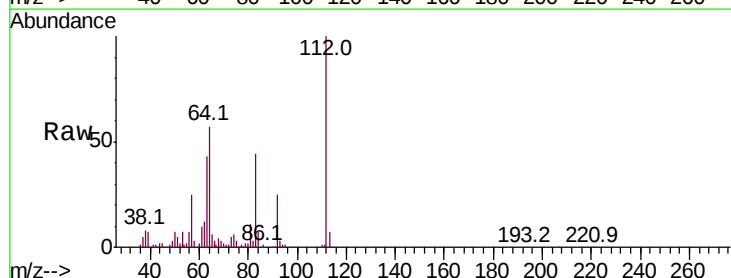
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



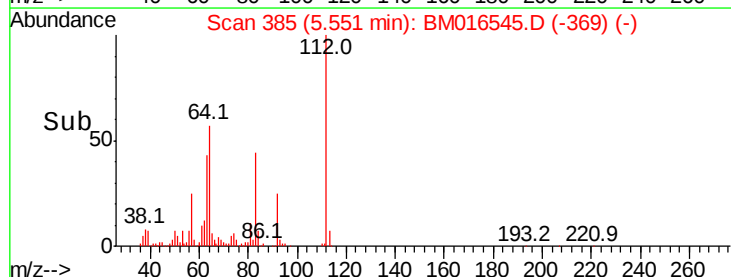
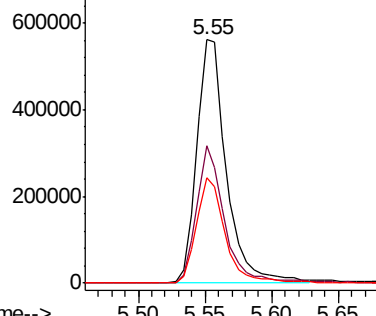
#5

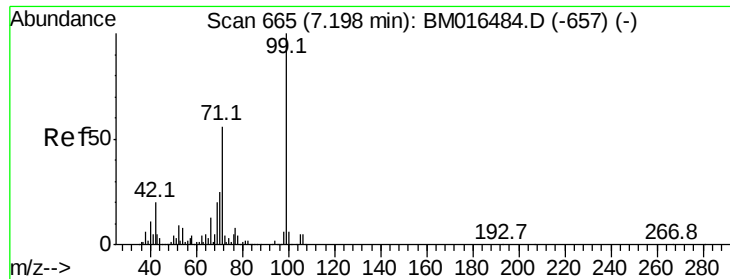
2-Fluorophenol
Concen: 108.768 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016545.D
Acq: 23 Aug 2018 08:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	38.6	57.8
63	43.3	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: 98.311 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016545.D

Acq: 23 Aug 2018 08:27

Instrument :

BNA_M

ClientSampleId :

PB112126BL

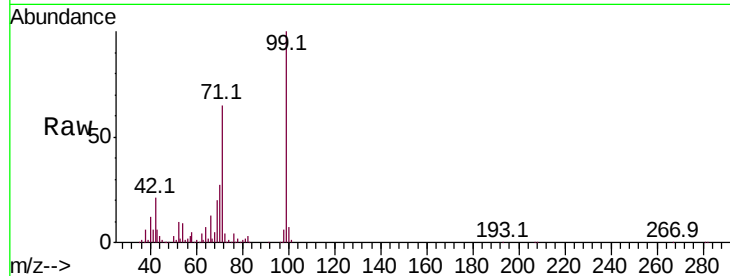
Tot Ion: 99 Resp: 1047639

Ion Ratio Lower Upper

99 100

42 21.0 11.0 16.4#

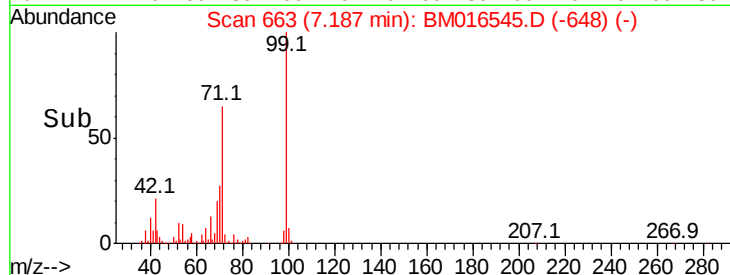
71 65.3 23.4 35.2#



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) (-)



Abundance Ion 99.00 (98.70 to 99.70): BM016545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016545.D (-648) (-)

Abundance Ion 99.00 (98.70 to 99.70): BM016545.D (-648) (-)

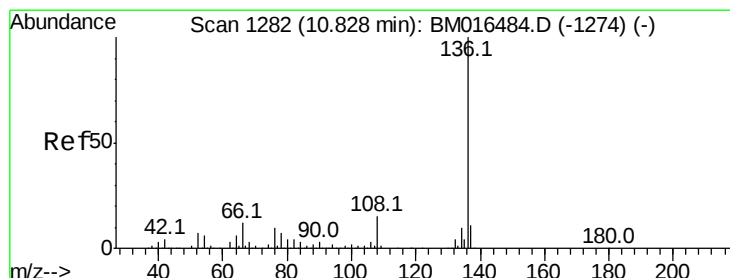
Ion 42.00 (41.70 to 42.70): BM016545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016545.D (-648) (-)

Abundance Ion 99.00 (98.70 to 99.70): BM016545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016545.D

Acq: 23 Aug 2018 08:27

Tgt Ion: 136 Resp: 482552

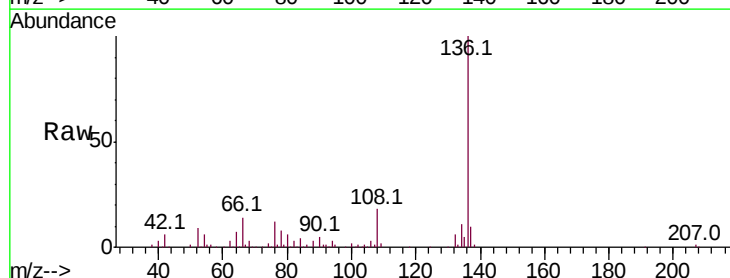
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 6.0 4.6 6.8

68 3.5 3.7 5.5#

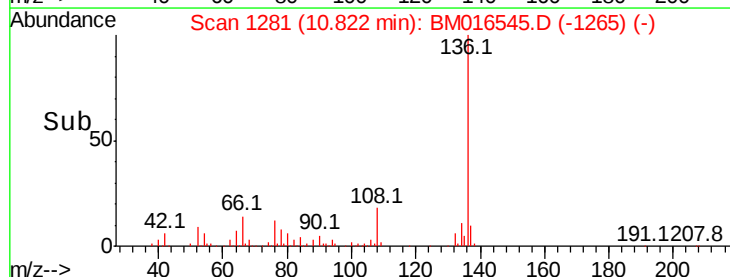


Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)



Abundance Ion 136.00 (135.70 to 136.70): BM016545.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016545.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016545.D (-1265) (-)

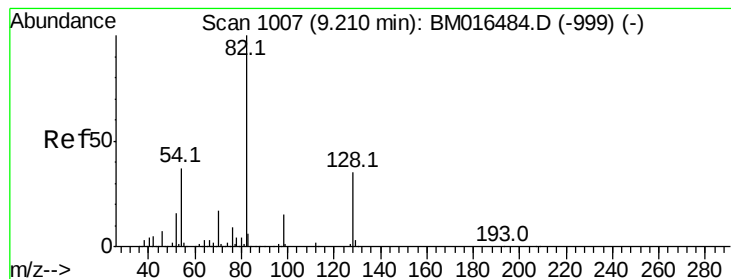
Ion 68.00 (67.70 to 68.70): BM016545.D (-1265) (-)

Abundance Ion 136.00 (135.70 to 136.70): BM016545.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016545.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016545.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016545.D (-1265) (-)



#23

Nitrobenzene-d5

Concen: 78.424 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016545.D

Acq: 23 Aug 2018 08:27

Instrument :

BNA_M

ClientSampleId :

PB112126BL

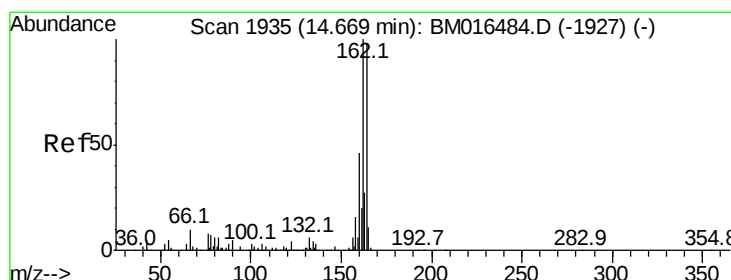
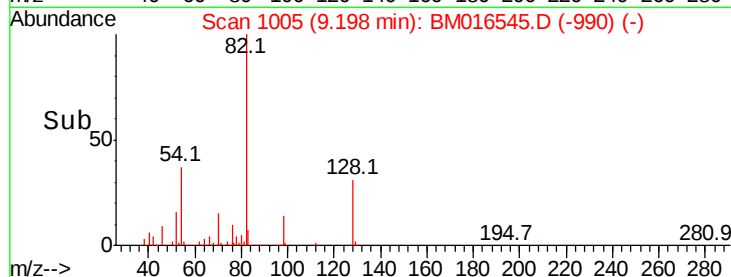
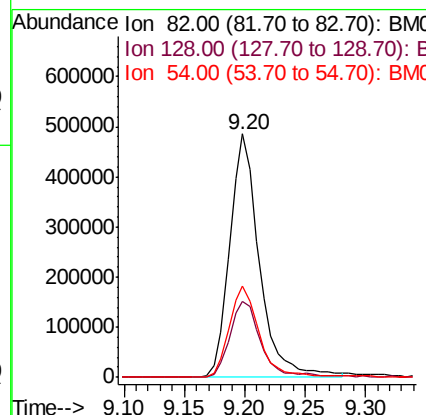
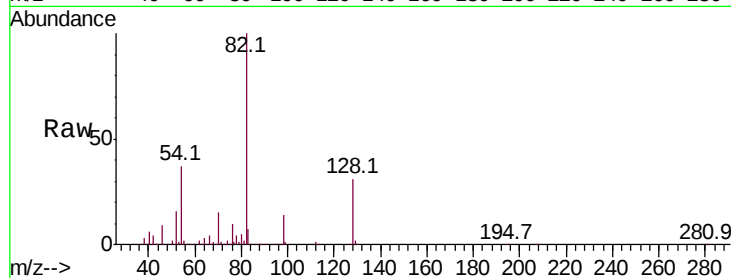
Tot Ion: 82 Resp: 828828

Ion Ratio Lower Upper

82 100

128 31.3 32.8 49.2#

54 37.3 40.6 60.8#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016545.D

Acq: 23 Aug 2018 08:27

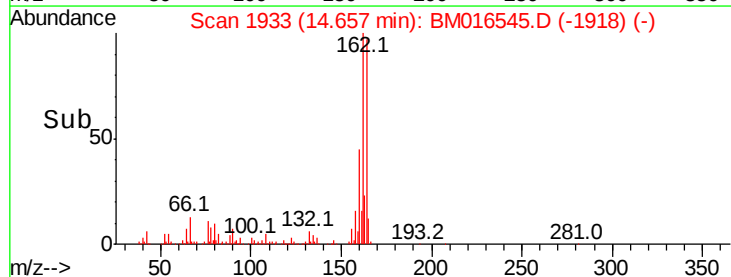
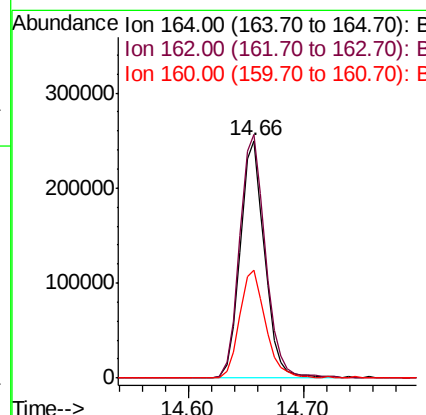
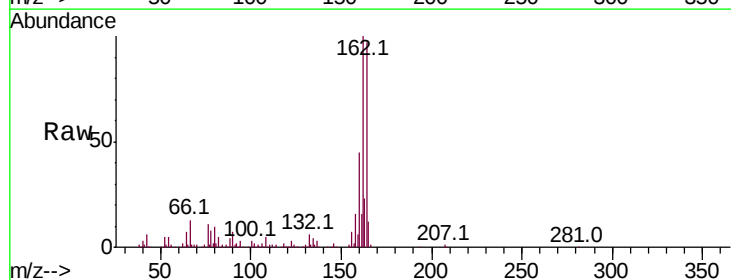
Tgt Ion: 164 Resp: 367607

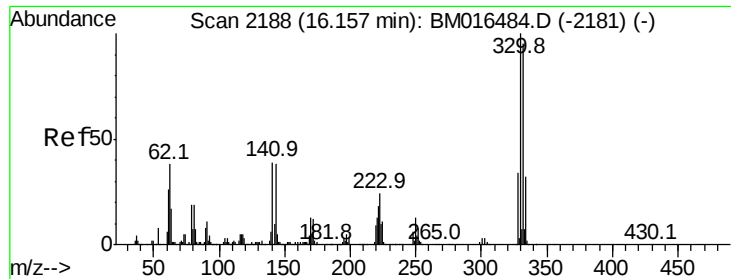
Ion Ratio Lower Upper

164 100

162 102.6 82.4 123.6

160 45.7 35.8 53.6

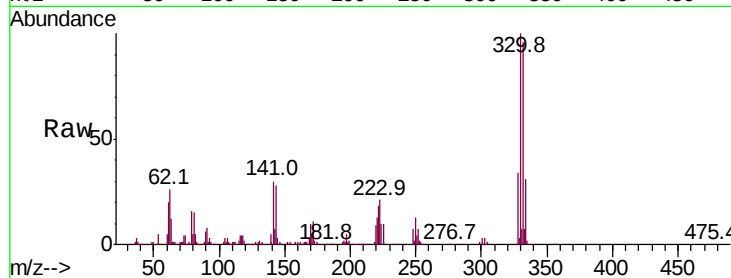




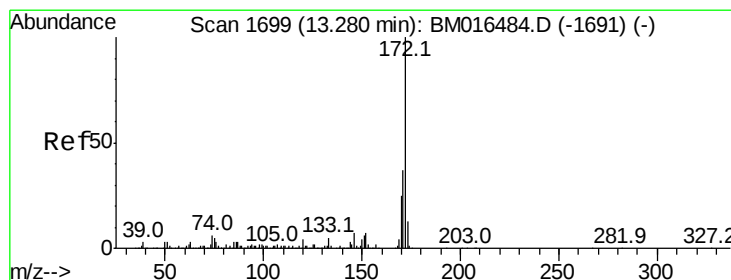
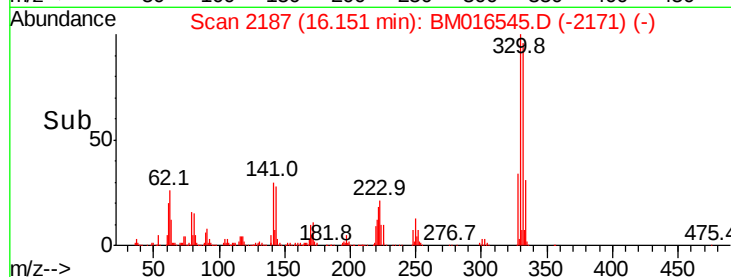
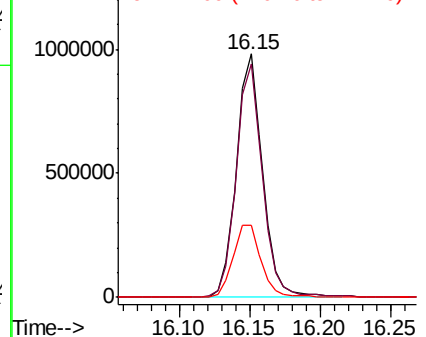
#41
 2,4,6-Tribromophenol
 Concen: 123.307 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016545.D
 Acq: 23 Aug 2018 08:27

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Tot Ion:330 Resp: 1267122
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 32.4 0.0 0.0#

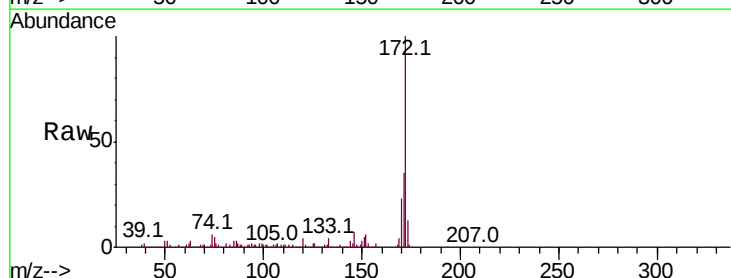


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

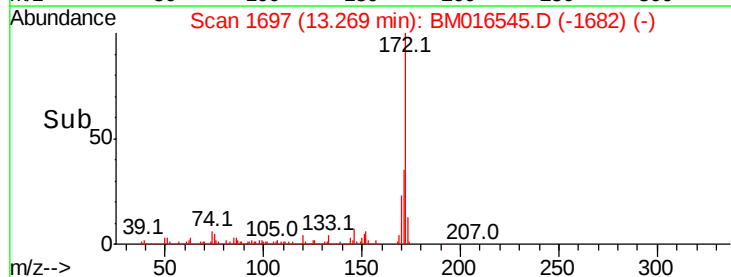
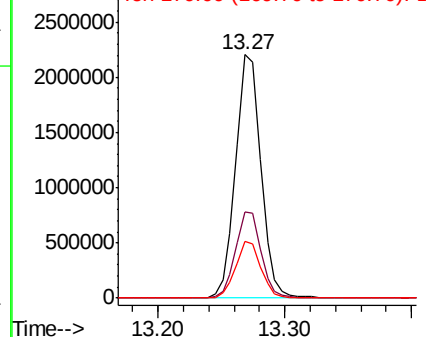


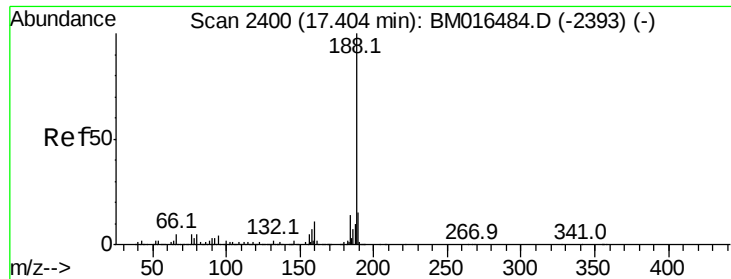
#44
 2-Fluorobiphenyl
 Concen: 79.485 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016545.D
 Acq: 23 Aug 2018 08:27

Tgt Ion:172 Resp: 3039816
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.1 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

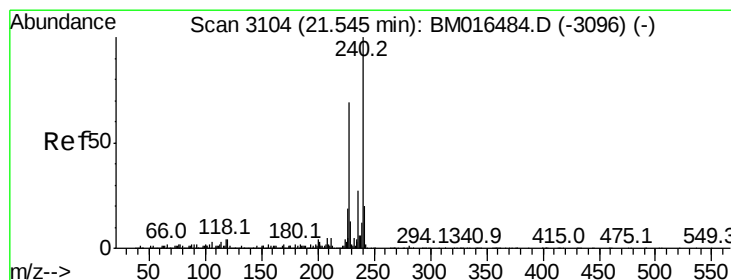
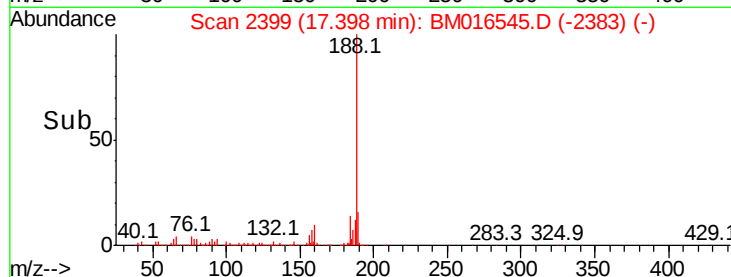
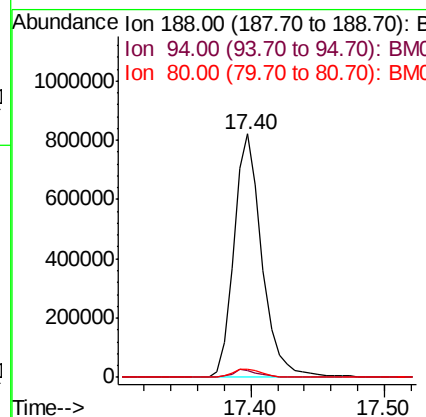
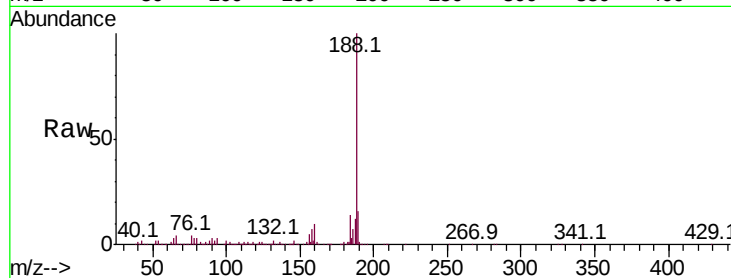




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016545.D
Acq: 23 Aug 2018 08:27

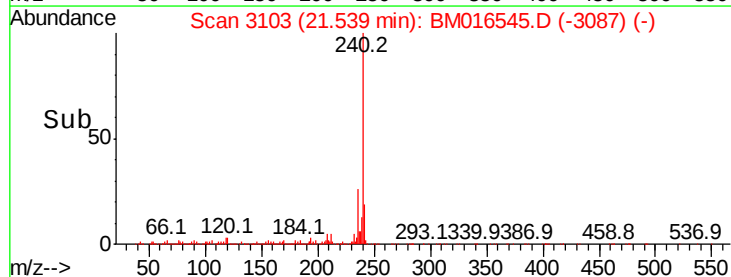
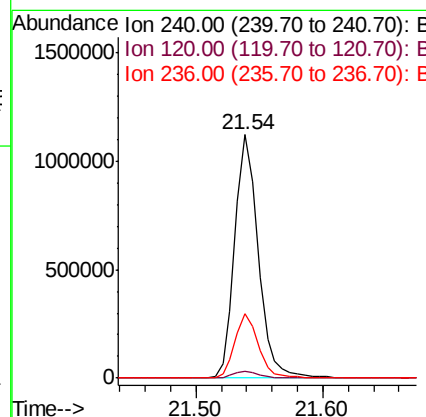
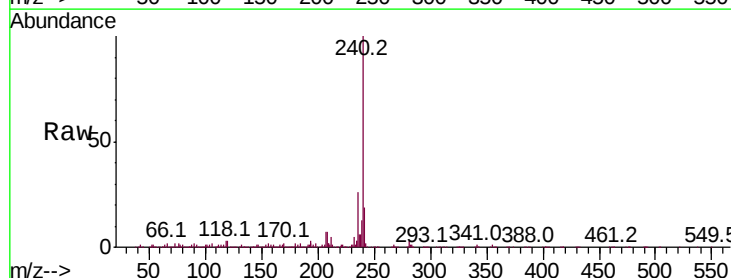
Instrument :
BNA_M
ClientSampleId :
PB112126BL

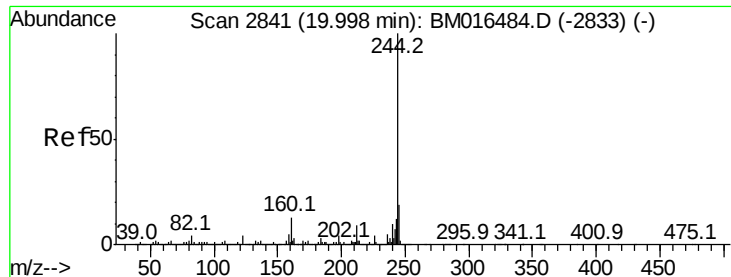
Tot Ion:188 Resp: 1202747
Ion Ratio Lower Upper
188 100
94 2.7 8.7 13.1#
80 3.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016545.D
Acq: 23 Aug 2018 08:27

Tgt Ion:240 Resp: 1437906
Ion Ratio Lower Upper
240 100
120 2.9 8.2 12.2#
236 26.5 20.0 30.0





#78

Terphenyl-d14

Concen: 107.244 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016545.D

Acq: 23 Aug 2018 08:27

Instrument :

BNA_M

ClientSampleId :

PB112126BL

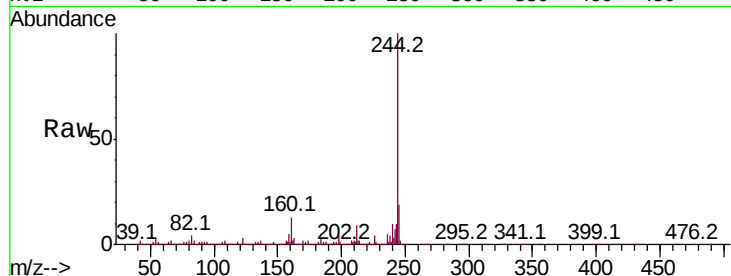
Tot Ion:244 Resp: 7285678

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

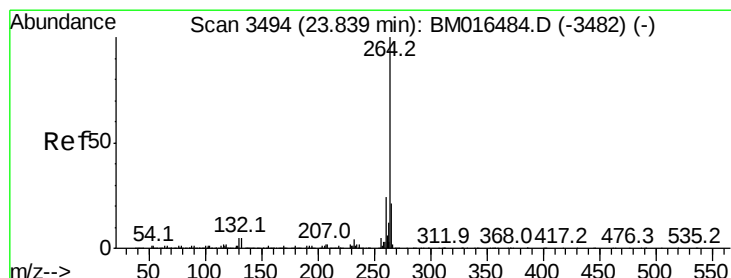
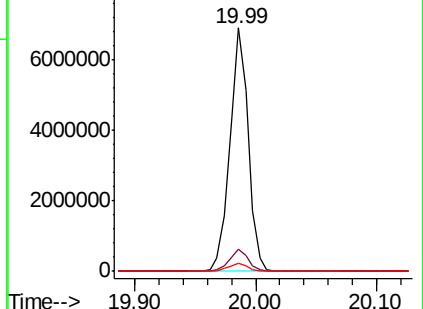
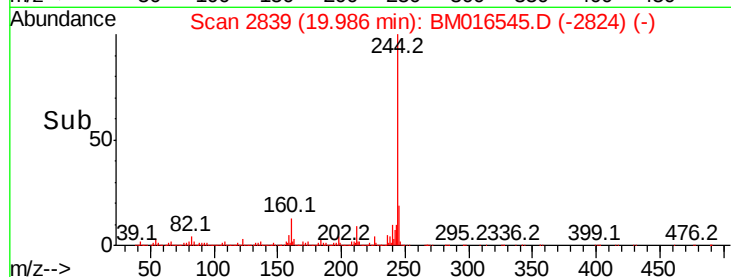
122 3.4 6.2 9.4#



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: BM016545.D

Acq: 23 Aug 2018 08:27

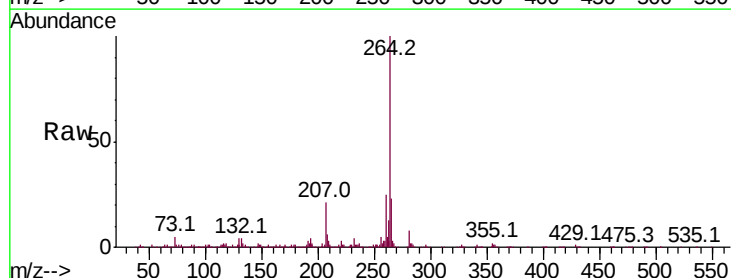
Tgt Ion:264 Resp: 1553792

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 22.8 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

