

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016494.D
 Acq On : 21 Aug 2018 21:29
 Operator : SJ/JU
 Sample : J4274-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-081718

Quant Time: Aug 22 00:02:28 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	138755	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	430696	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	295680	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	951061	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1206429	20.00	ng	0.00
86) Perylene-d12	23.83	264	1400250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	936914	132.32	ng	0.00
7) Phenol-d6	7.20	99	1040183	111.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	1079967	114.49	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1597504	193.27	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3398058	110.47	ng	0.00
78) Terphenyl-d14	19.99	244	9048109	158.74	ng	0.00

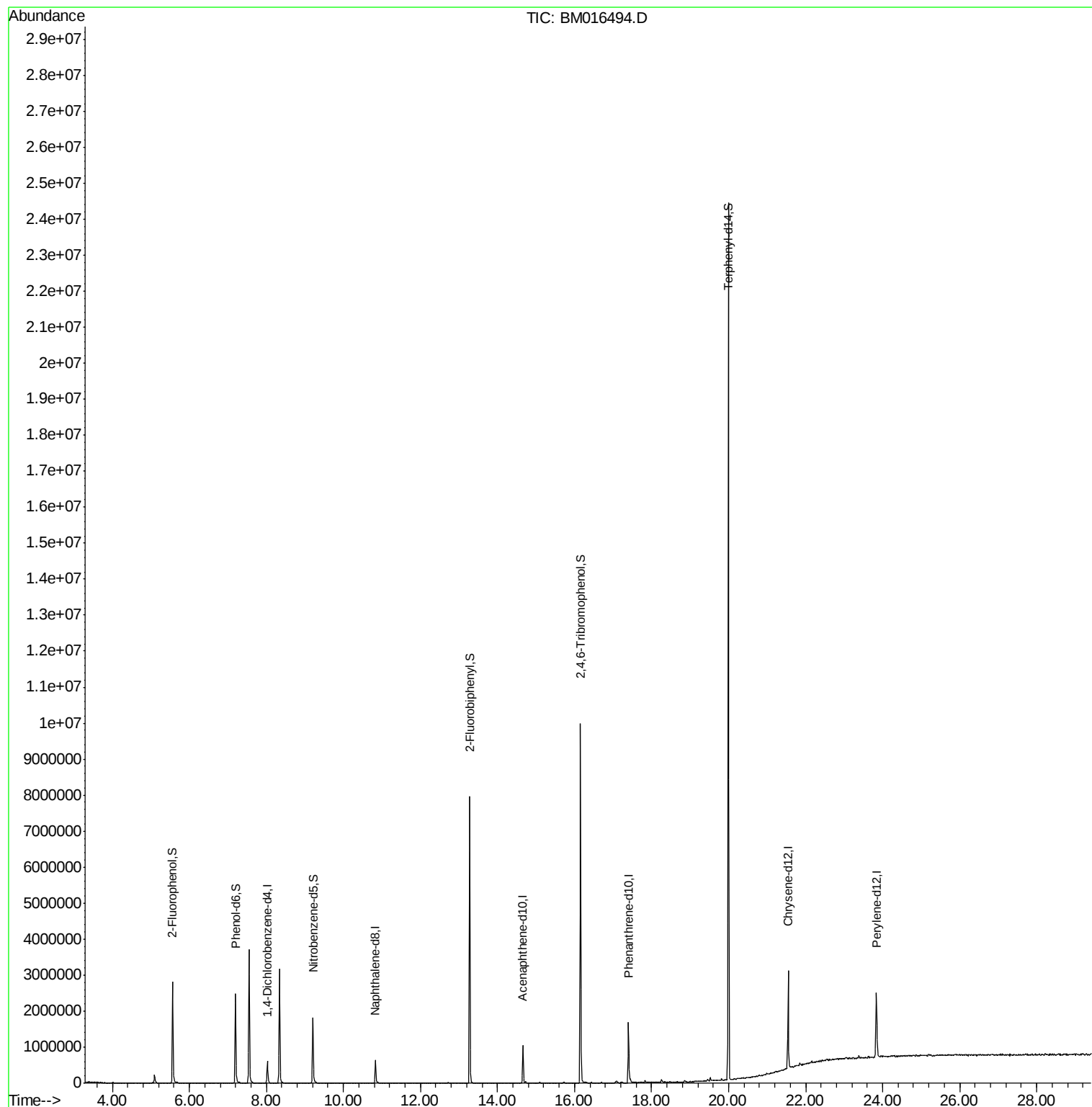
Target Compounds Qvalue

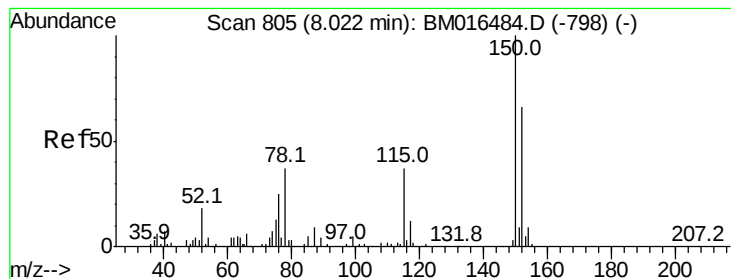
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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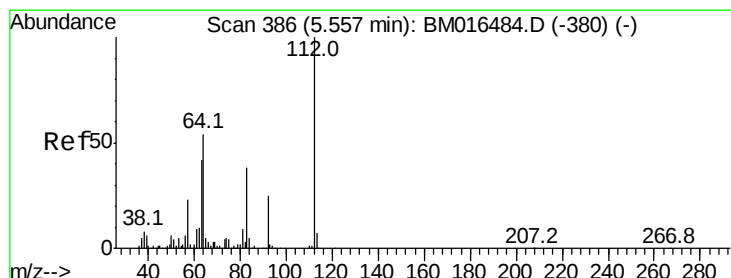
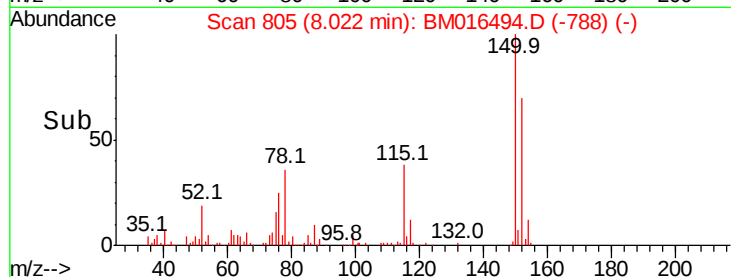
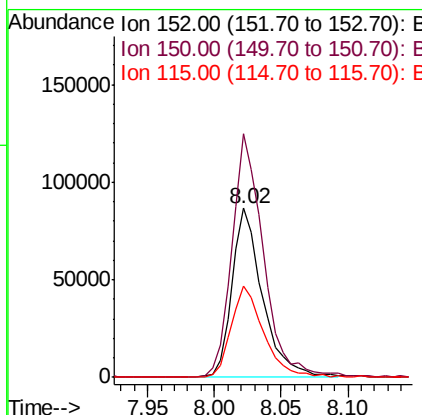
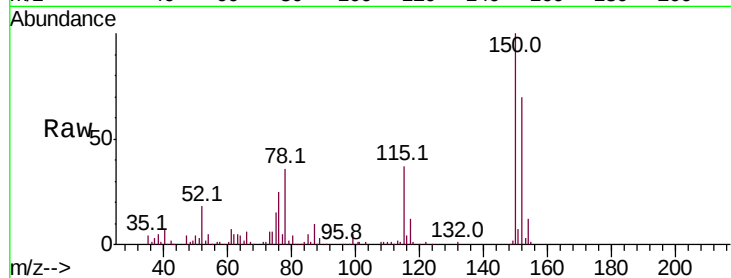


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

Instrument :
BNA_M
ClientSampleId :
HD-02-081718

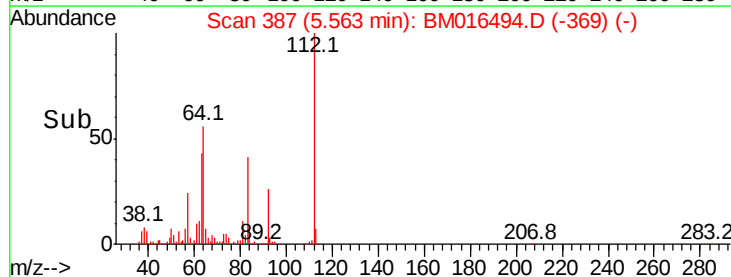
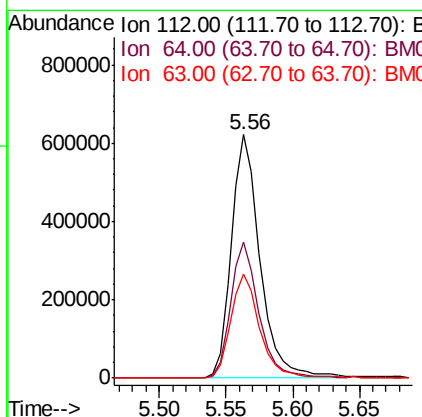
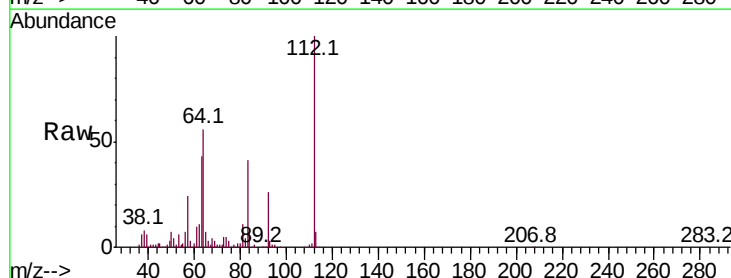
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	53.6	43.0	64.4



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	38.6	57.8
63	42.6	19.3	28.9





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

Instrument :

BNA_M

ClientSampleId :

HD-02-081718

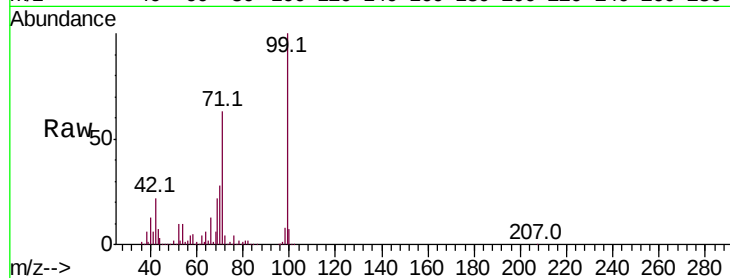
Tot Ion: 99 Resp: 1040183

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

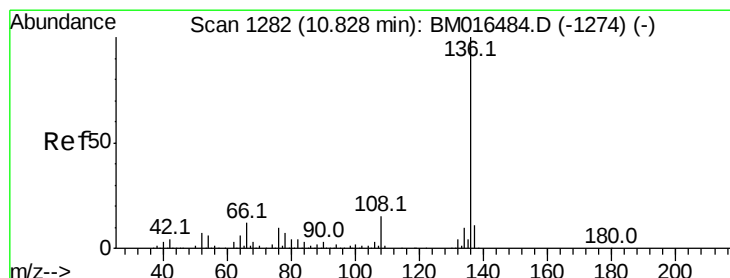
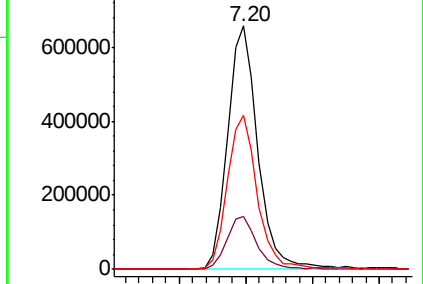
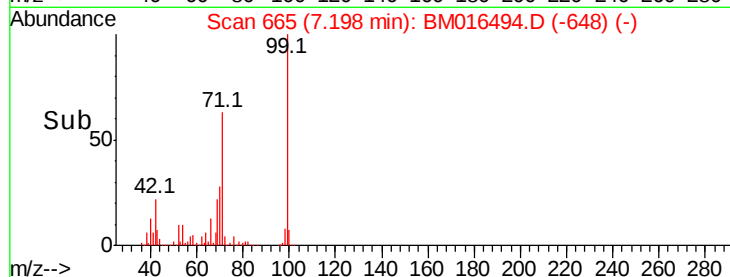
71 63.4 23.4 35.2#



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: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

Tgt Ion: 136 Resp: 430696

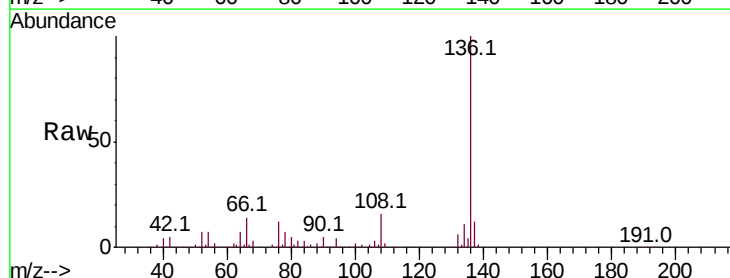
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 6.8 4.6 6.8

68 3.2 3.7 5.5#

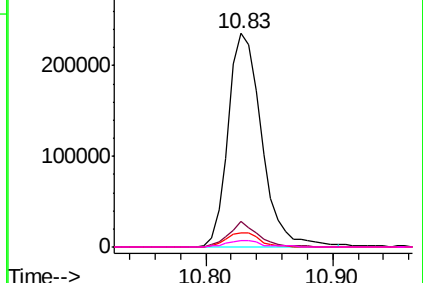
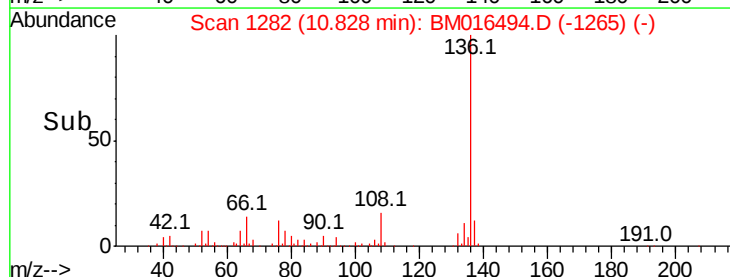


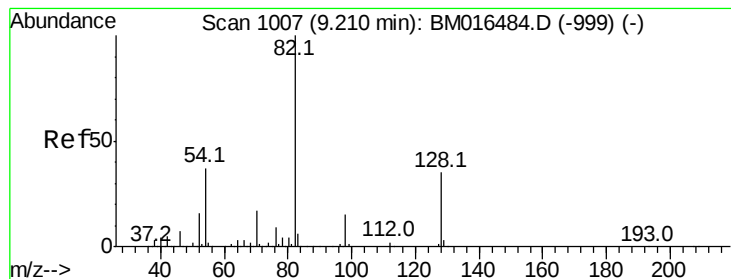
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: N.D. ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

Instrument :

BNA_M

ClientSampleId :

HD-02-081718

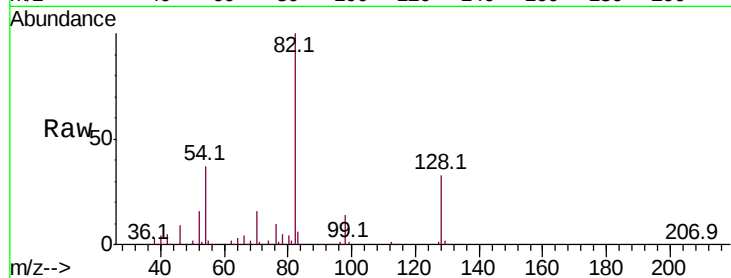
Tot Ion: 82 Resp: 1079967

Ion Ratio Lower Upper

82 100

128 32.9 32.8 49.2

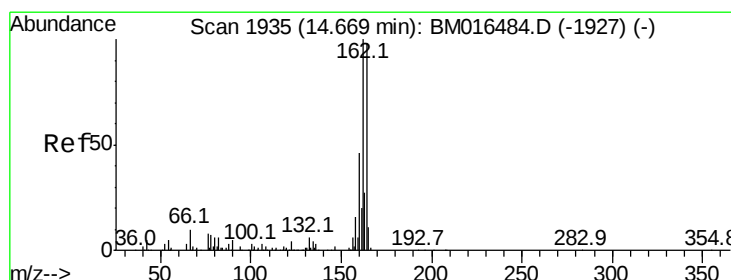
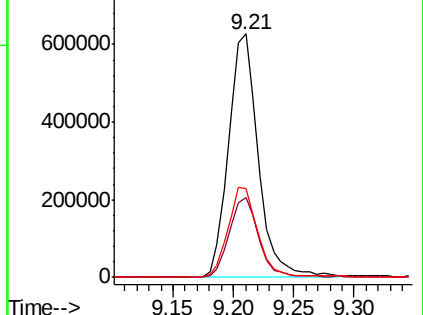
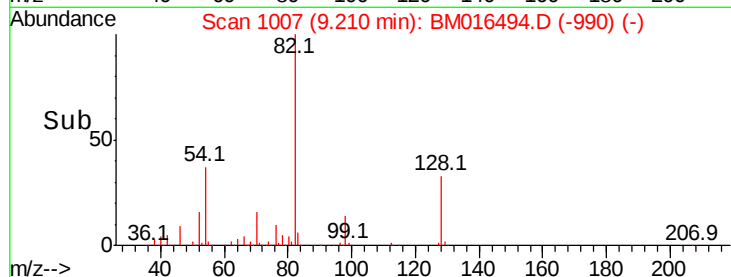
54 36.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016494.D (-1918) (-)

Ion 128.00 (127.70 to 128.70): BM016494.D (-1918) (-)

Ion 54.00 (53.70 to 54.70): BM016494.D (-1918) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

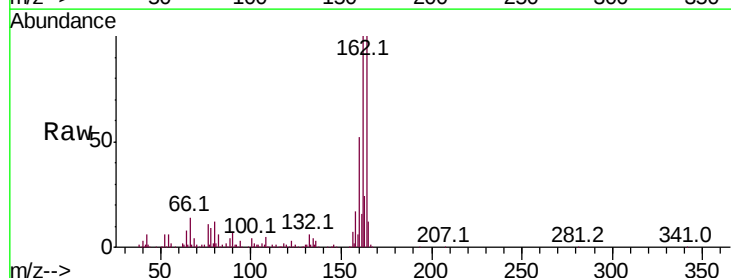
Tgt Ion:164 Resp: 295680

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

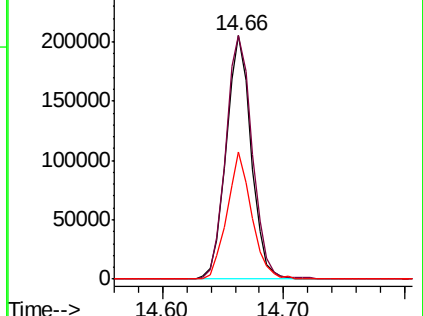
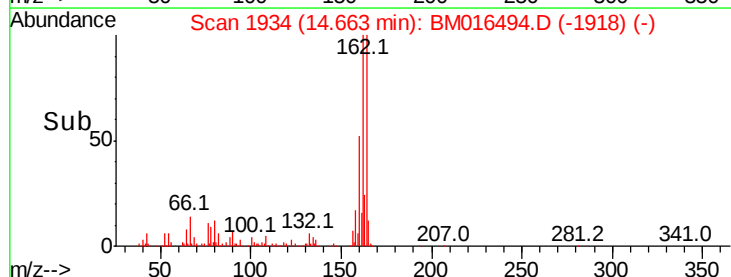
160 52.4 35.8 53.6

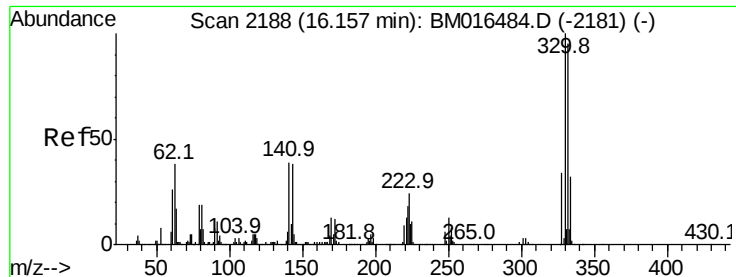


Abundance Ion 164.00 (163.70 to 164.70): BM016494.D (-1918) (-)

Ion 162.00 (161.70 to 162.70): BM016494.D (-1918) (-)

Ion 160.00 (159.70 to 160.70): BM016494.D (-1918) (-)

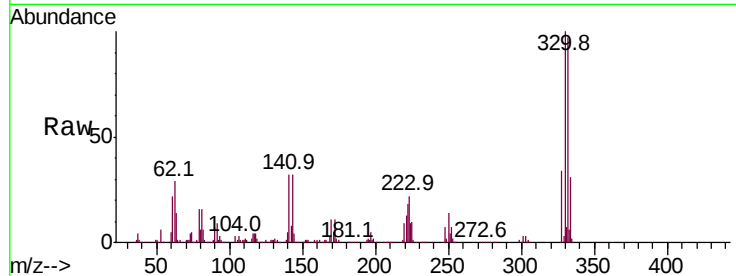




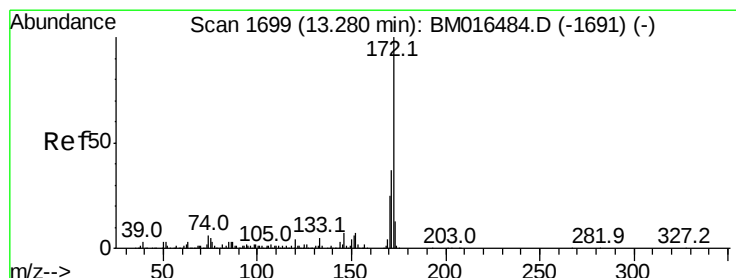
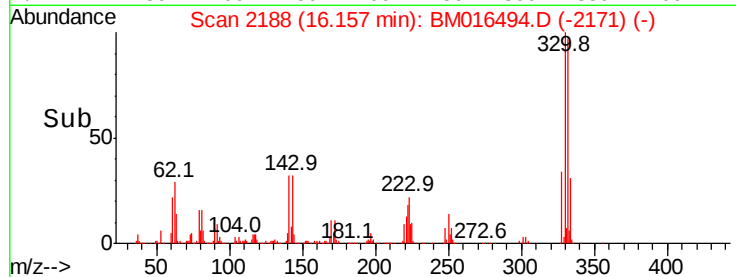
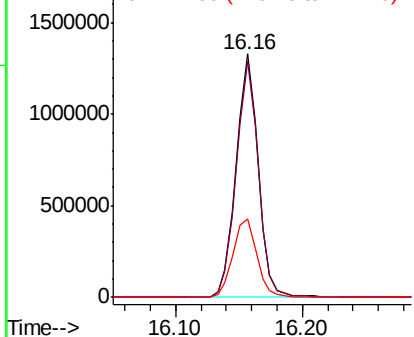
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

Instrument :
BNA_M
ClientSampleId :
HD-02-081718

Tot Ion:330 Resp: 1597504
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 34.9 0.0 0.0#

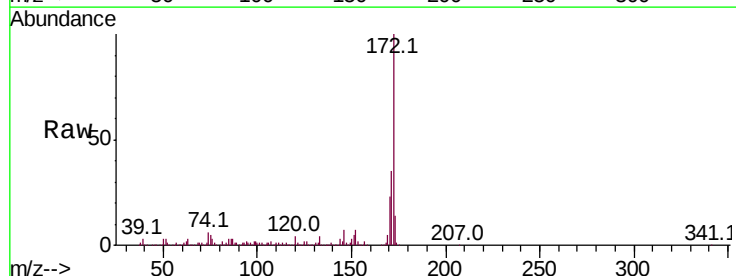


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

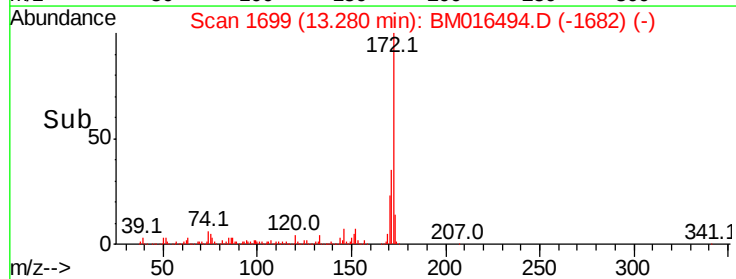
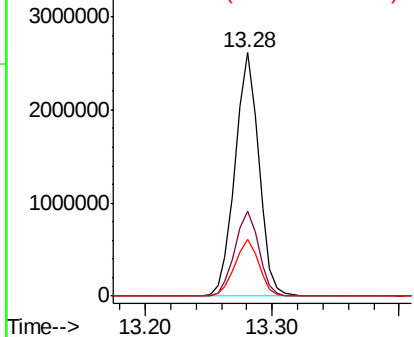


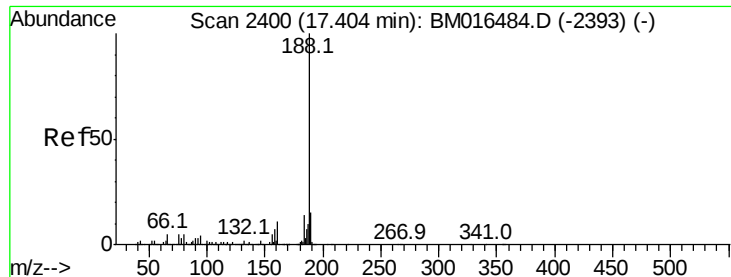
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

Tgt Ion:172 Resp: 3398058
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.3 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

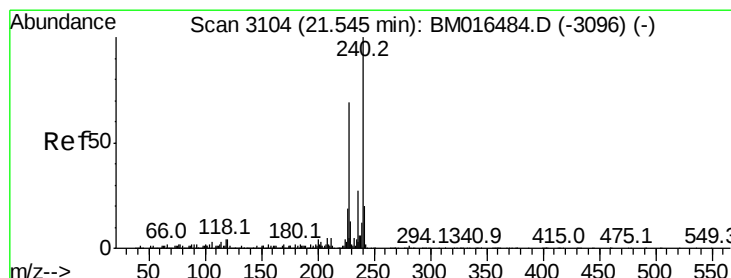
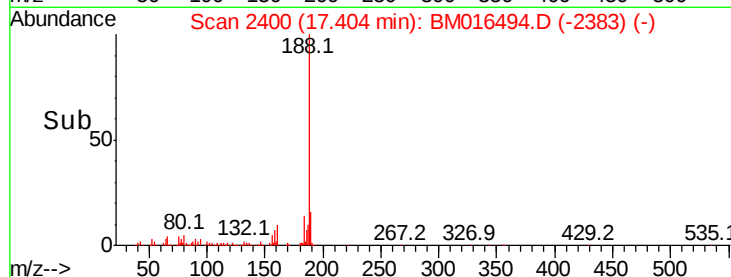
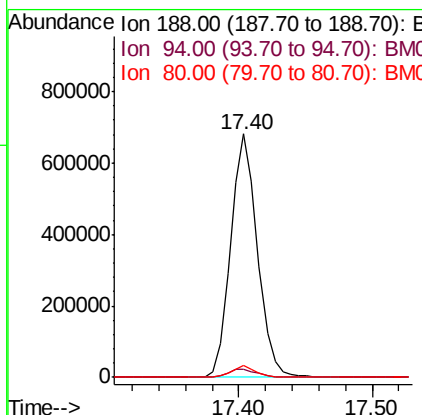
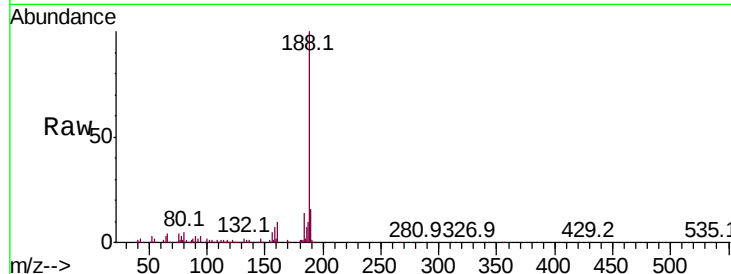




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

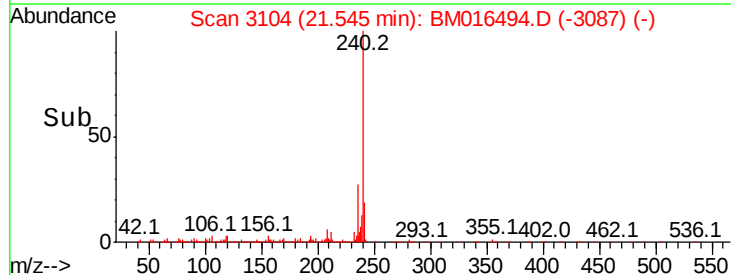
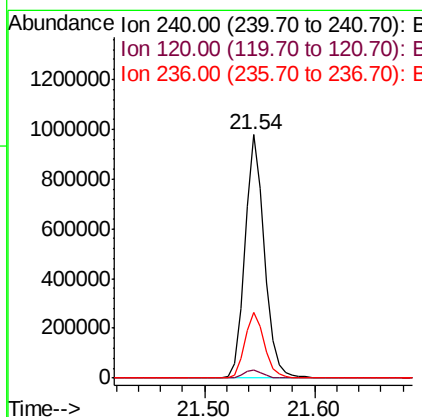
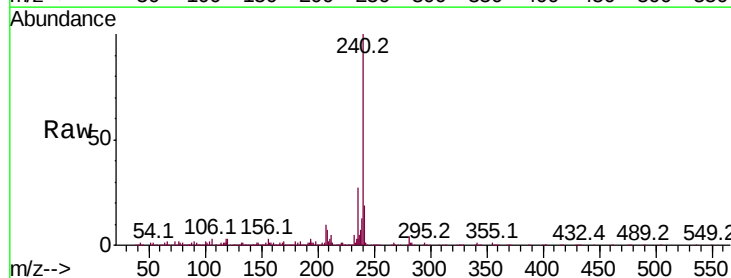
Instrument :
BNA_M
ClientSampleId :
HD-02-081718

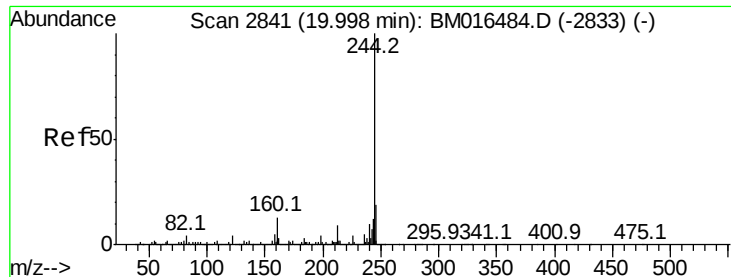
Tot Ion:188 Resp: 951061
Ion Ratio Lower Upper
188 100
94 3.4 8.7 13.1#
80 4.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016494.D
Acq: 21 Aug 2018 21:29

Tgt Ion:240 Resp: 1206429
Ion Ratio Lower Upper
240 100
120 3.2 8.2 12.2#
236 26.8 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

Instrument :

BNA_M

ClientSampled :

HD-02-081718

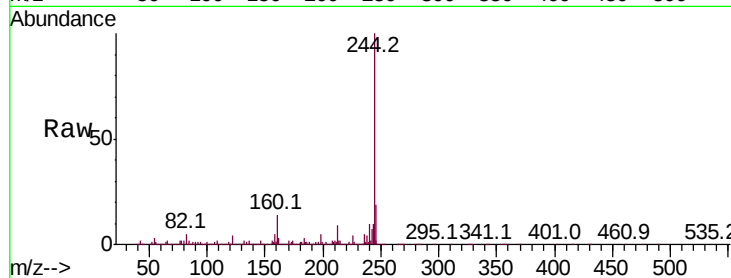
Tot Ion:244 Resp: 9048109

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

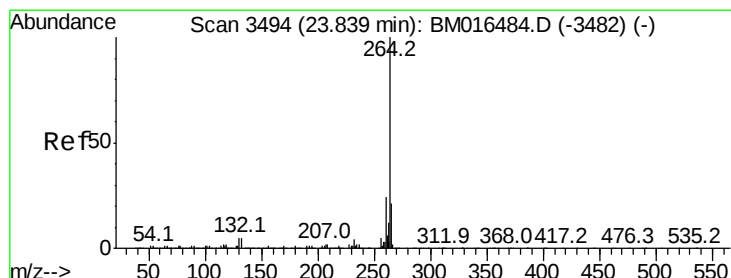
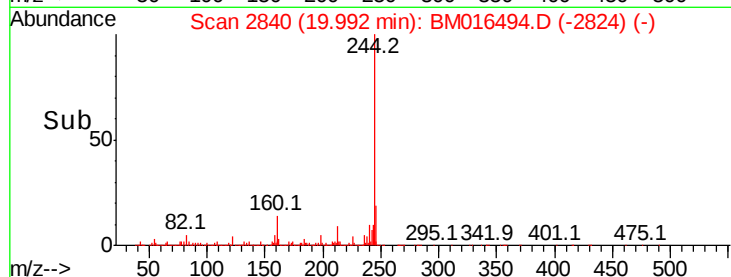
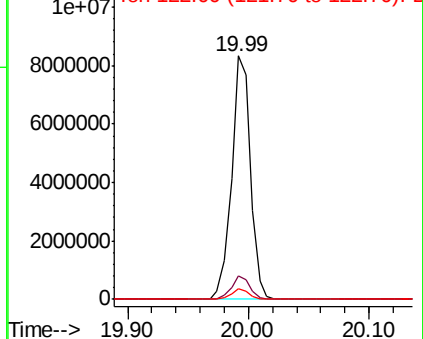
122 4.2 6.2 9.4#



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# 3493

Delta R.T. -0.01 min

Lab File: BM016494.D

Acq: 21 Aug 2018 21:29

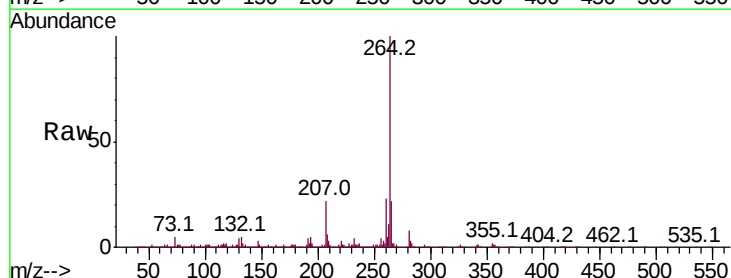
Tgt Ion:264 Resp: 1400250

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.2 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

