

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016496.D
 Acq On : 21 Aug 2018 22:42
 Operator : SJ/JU
 Sample : J4277-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081718-B

Quant Time: Aug 22 00:21:44 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	140351	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	447275	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	316904	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1013206	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1261773	20.00	ng	0.00
86) Perylene-d12	23.83	264	1421237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1075494	150.16	ng	0.00
7) Phenol-d6	7.20	99	1159656	122.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	1240053	126.59	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1991345	224.79	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4272703	129.60	ng	0.00
78) Terphenyl-d14	19.99	244	9982051	167.44	ng	0.00

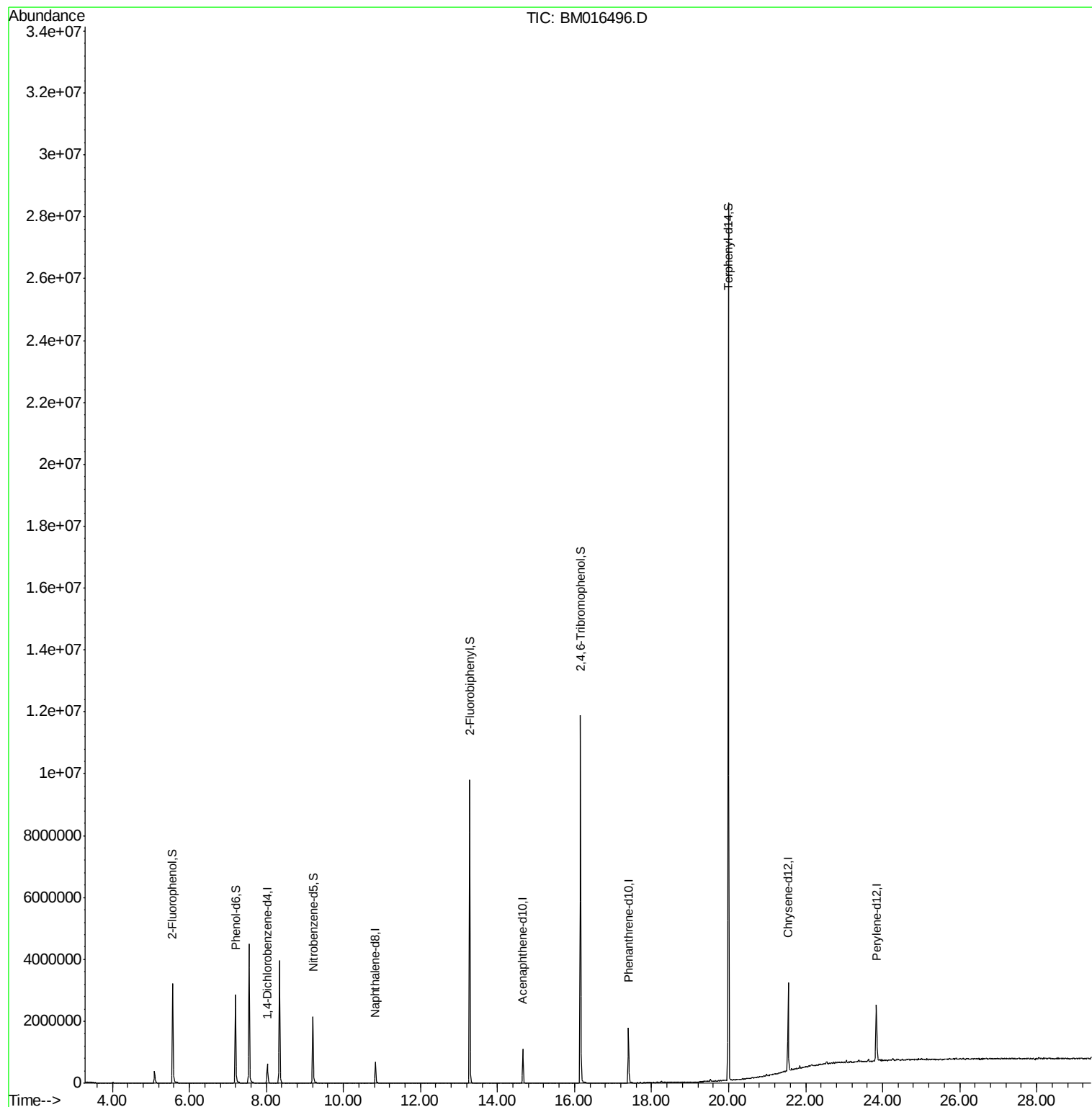
Target Compounds Qvalue

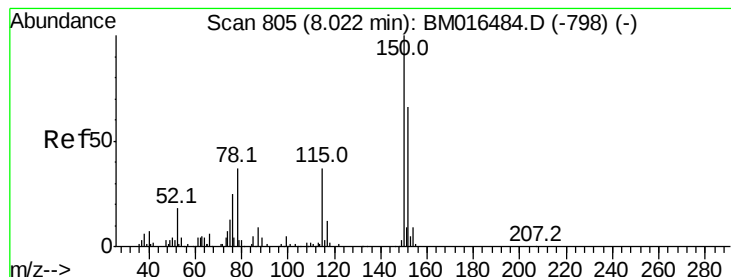
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016496.D

Acq: 21 Aug 2018 22:42

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-B

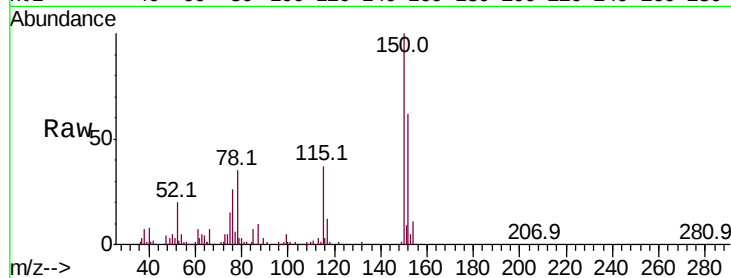
Tot Ion:152 Resp: 140351

Ion Ratio Lower Upper

152 100

150 160.5 119.5 179.3

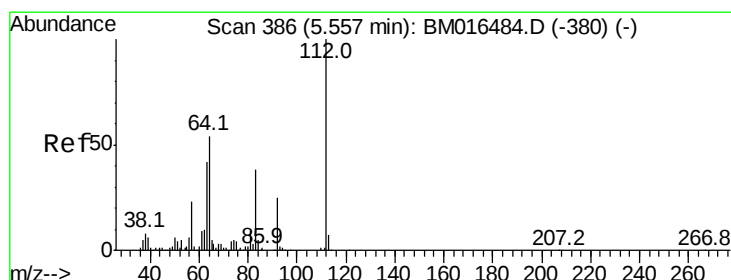
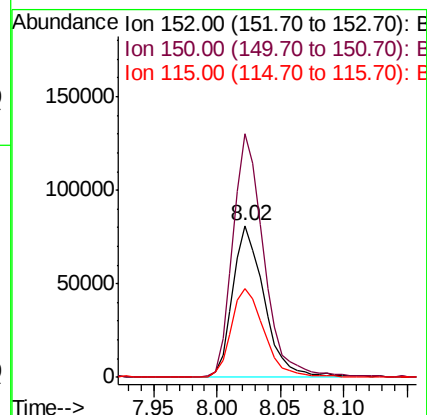
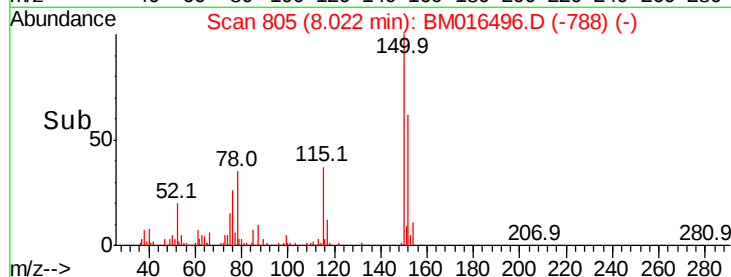
115 58.9 43.0 64.4



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: Below ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016496.D

Acq: 21 Aug 2018 22:42

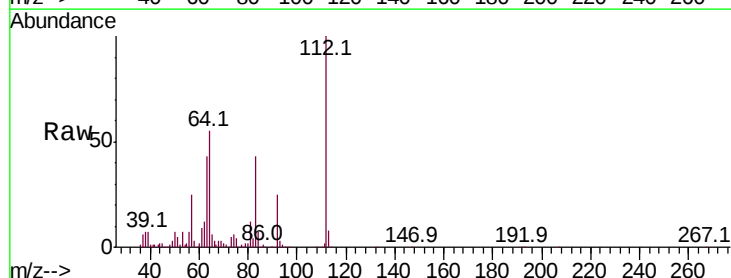
Tgt Ion:112 Resp: 1075494

Ion Ratio Lower Upper

112 100

64 55.0 38.6 57.8

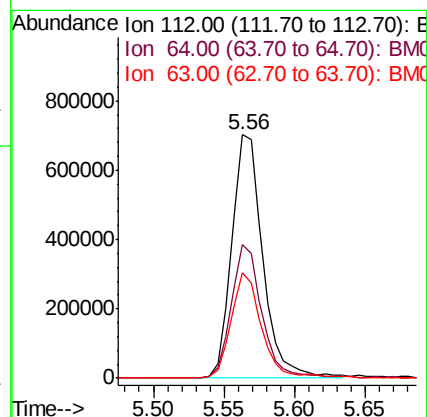
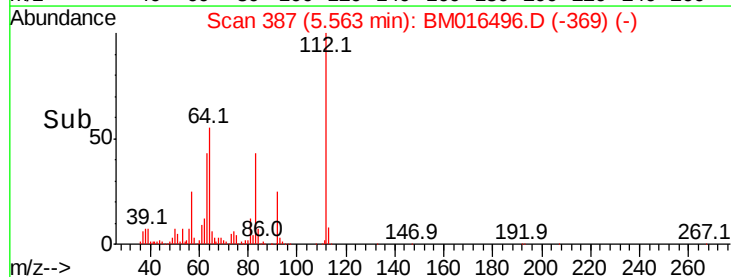
63 43.1 19.3 28.9#

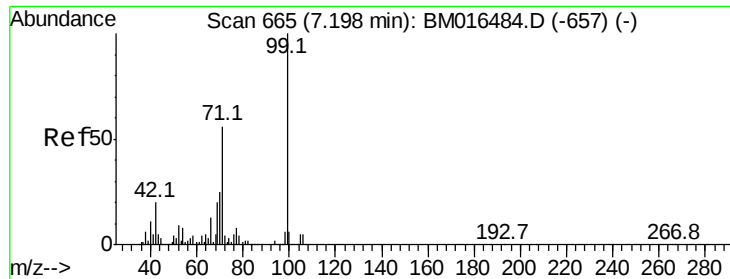


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016496.D

Acq: 21 Aug 2018 22:42

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-B

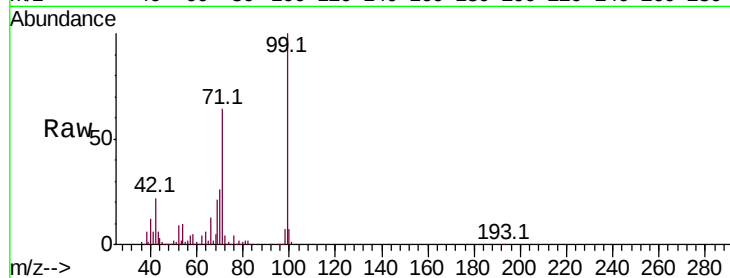
Tot Ion: 99 Resp: 1159656

Ion Ratio Lower Upper

99 100

42 21.5 11.0 16.4#

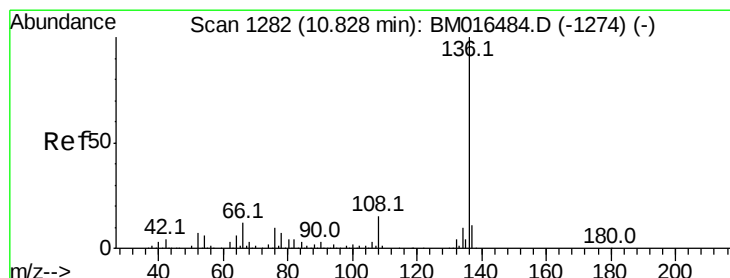
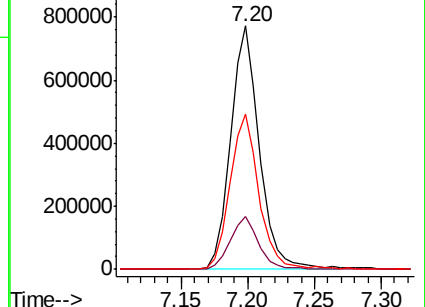
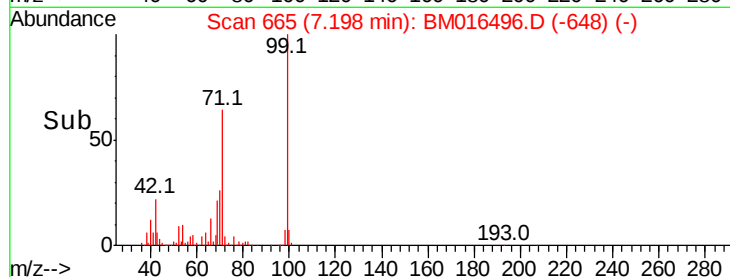
71 63.7 23.4 35.2#



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: BM016496.D

Acq: 21 Aug 2018 22:42

Tgt Ion: 136 Resp: 447275

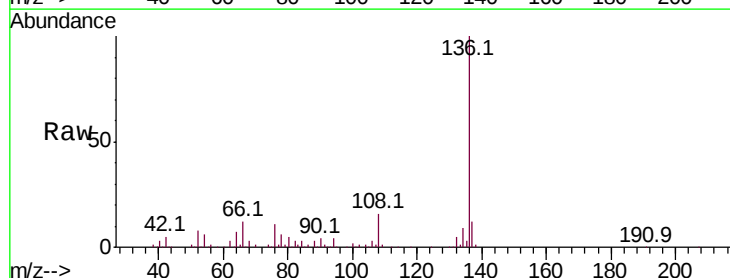
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 6.4 4.6 6.8

68 2.6 3.7 5.5#

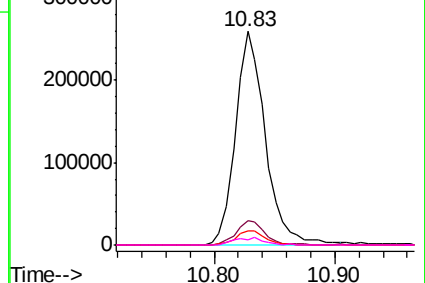
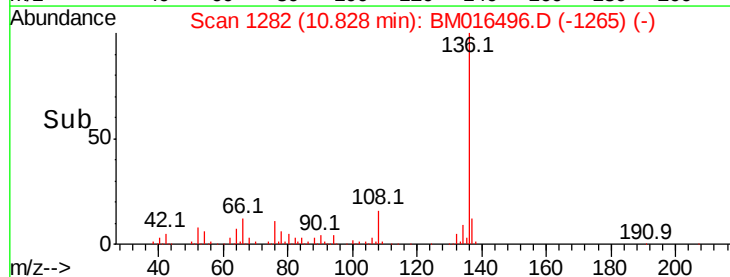


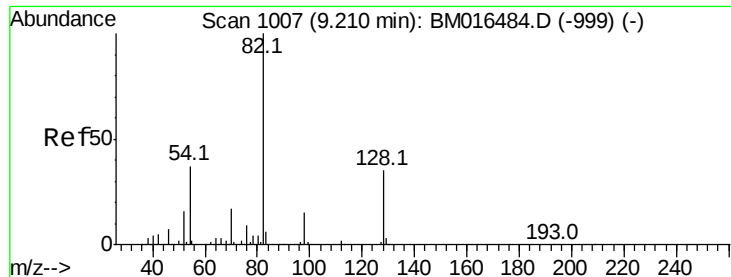
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

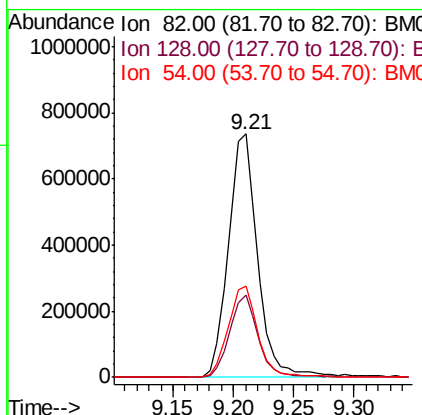
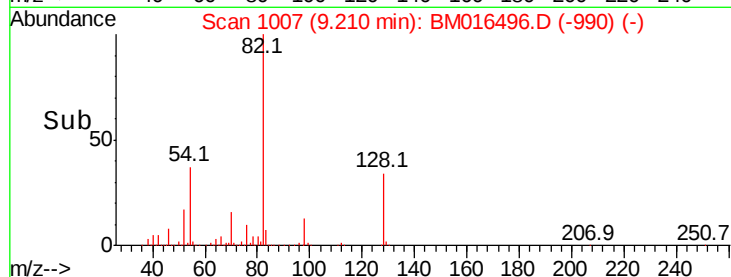
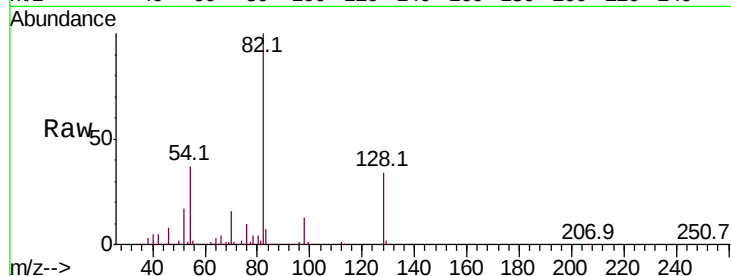




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

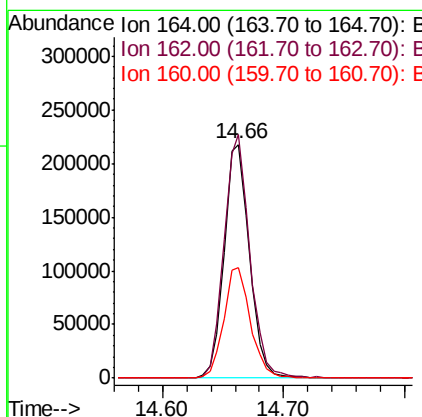
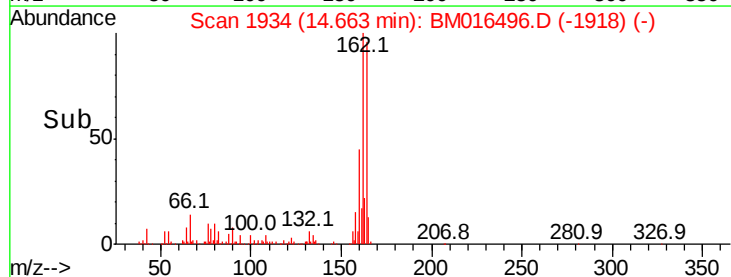
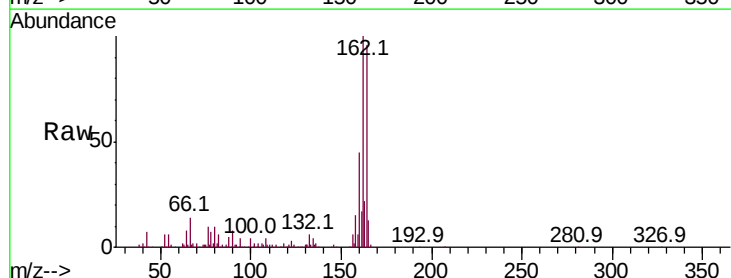
Instrument :
BNA_M
ClientSampleId :
OR-03-081718-B

Tot Ion: 82 Resp: 1240053
Ion Ratio Lower Upper
82 100
128 33.9 32.8 49.2
54 37.5 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

Tgt Ion:164 Resp: 316904
Ion Ratio Lower Upper
164 100
162 104.1 82.4 123.6
160 47.3 35.8 53.6

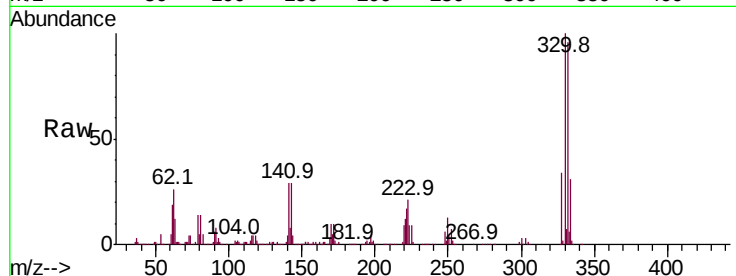




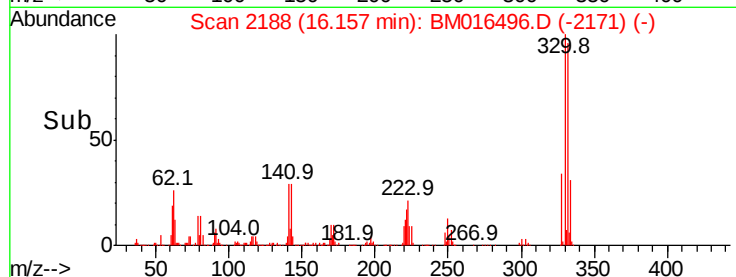
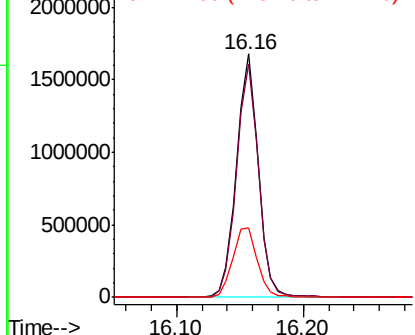
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

Instrument :
BNA_M
ClientSampleId :
OR-03-081718-B

Tot Ion:330 Resp: 1991345
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 32.4 0.0 0.0#

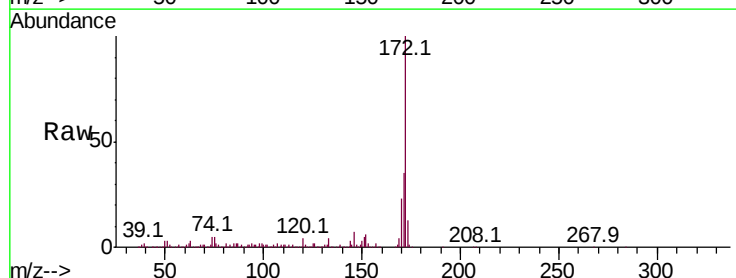


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

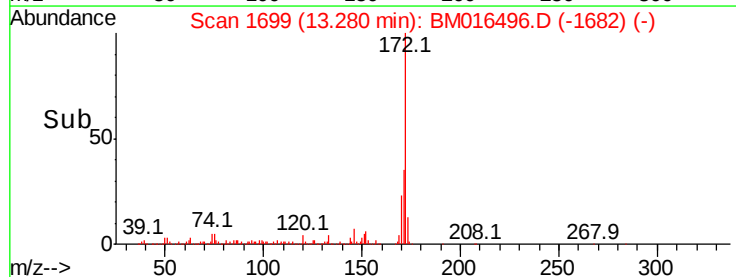
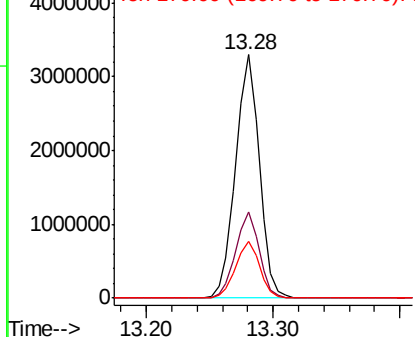


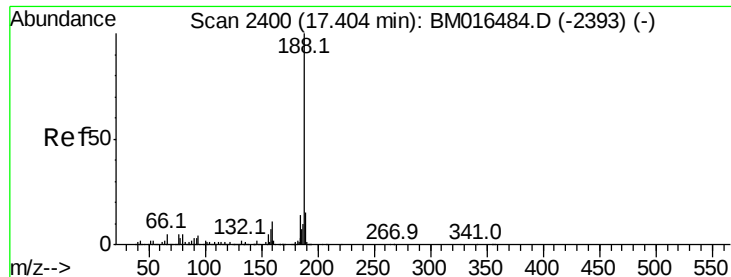
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

Tgt Ion:172 Resp: 4272703
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.4 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

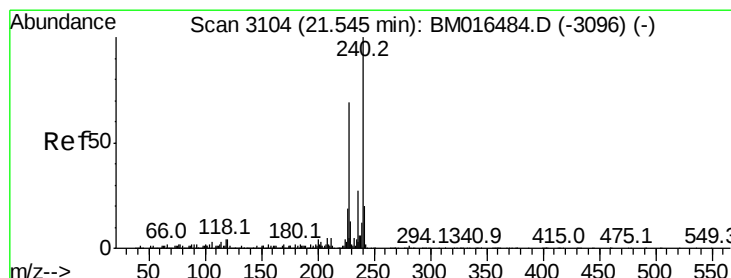
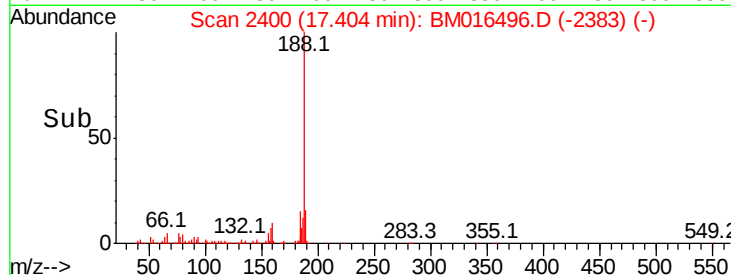
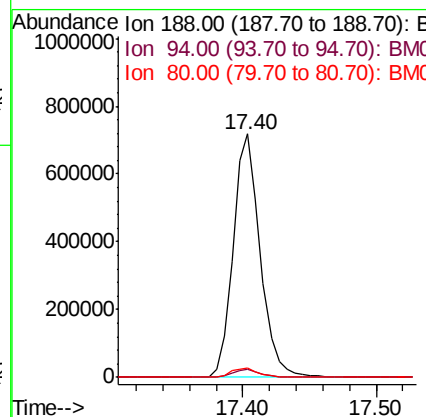
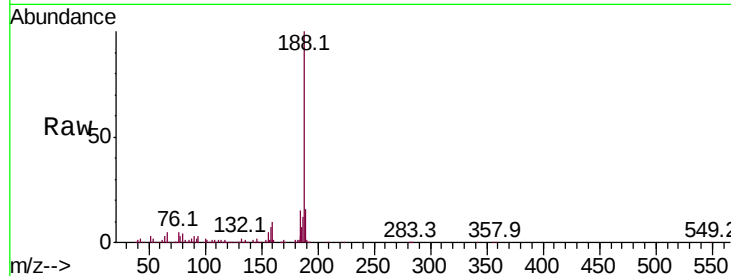




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

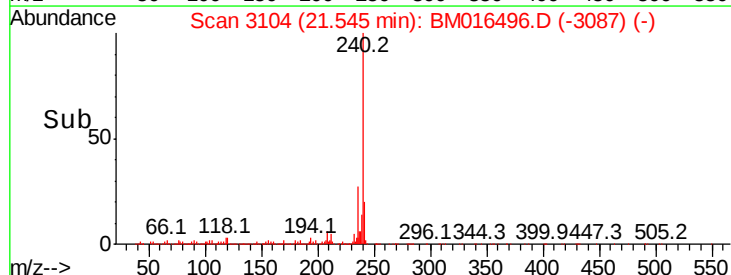
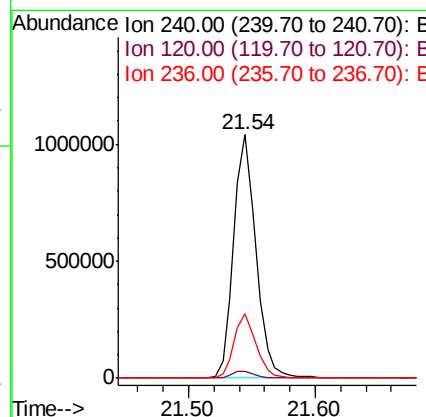
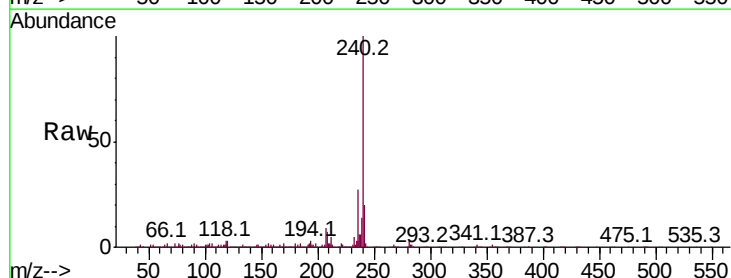
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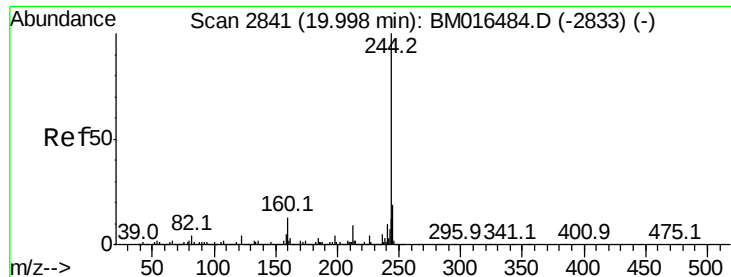
Tot Ion:188 Resp: 1013206
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016496.D
Acq: 21 Aug 2018 22:42

Tgt Ion:240 Resp: 1261773
Ion Ratio Lower Upper
240 100
120 2.9 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016496.D

Acq: 21 Aug 2018 22:42

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-B

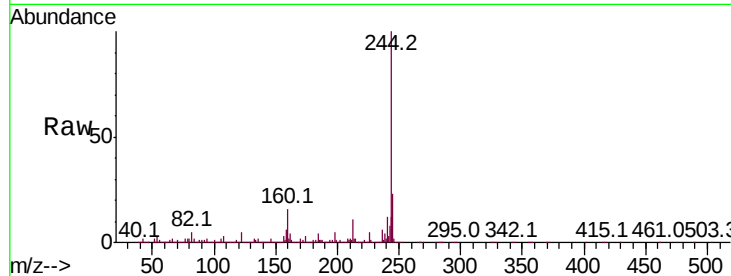
Tot Ion:244 Resp: 9982051

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

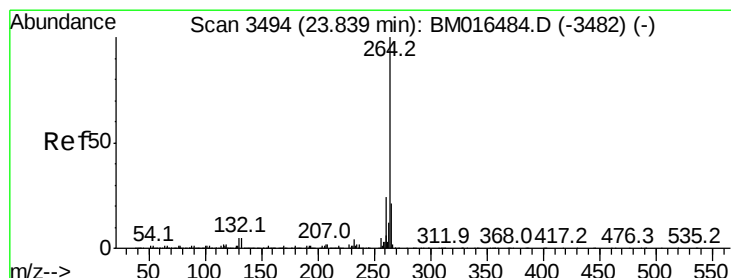
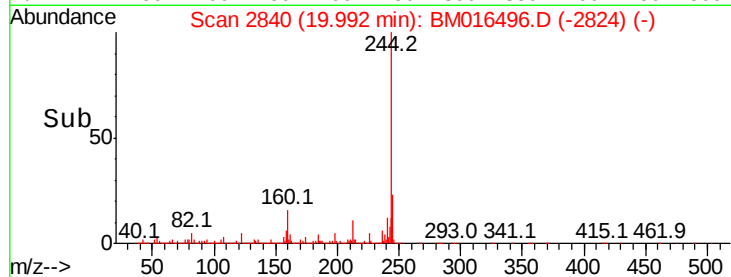
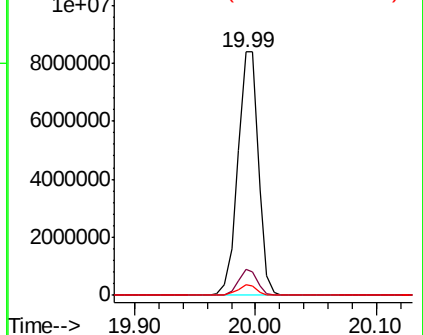
122 4.6 6.2 9.4#



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: BM016496.D

Acq: 21 Aug 2018 22:42

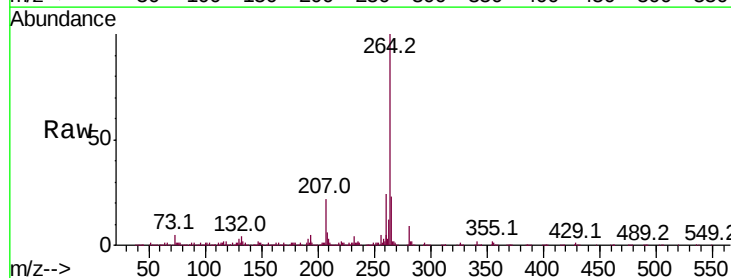
Tgt Ion:264 Resp: 1421237

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.6 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

