

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016498.D
 Acq On : 21 Aug 2018 23:54
 Operator : SJ/JU
 Sample : J4271-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-082018-A

Quant Time: Aug 22 01:08:07 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

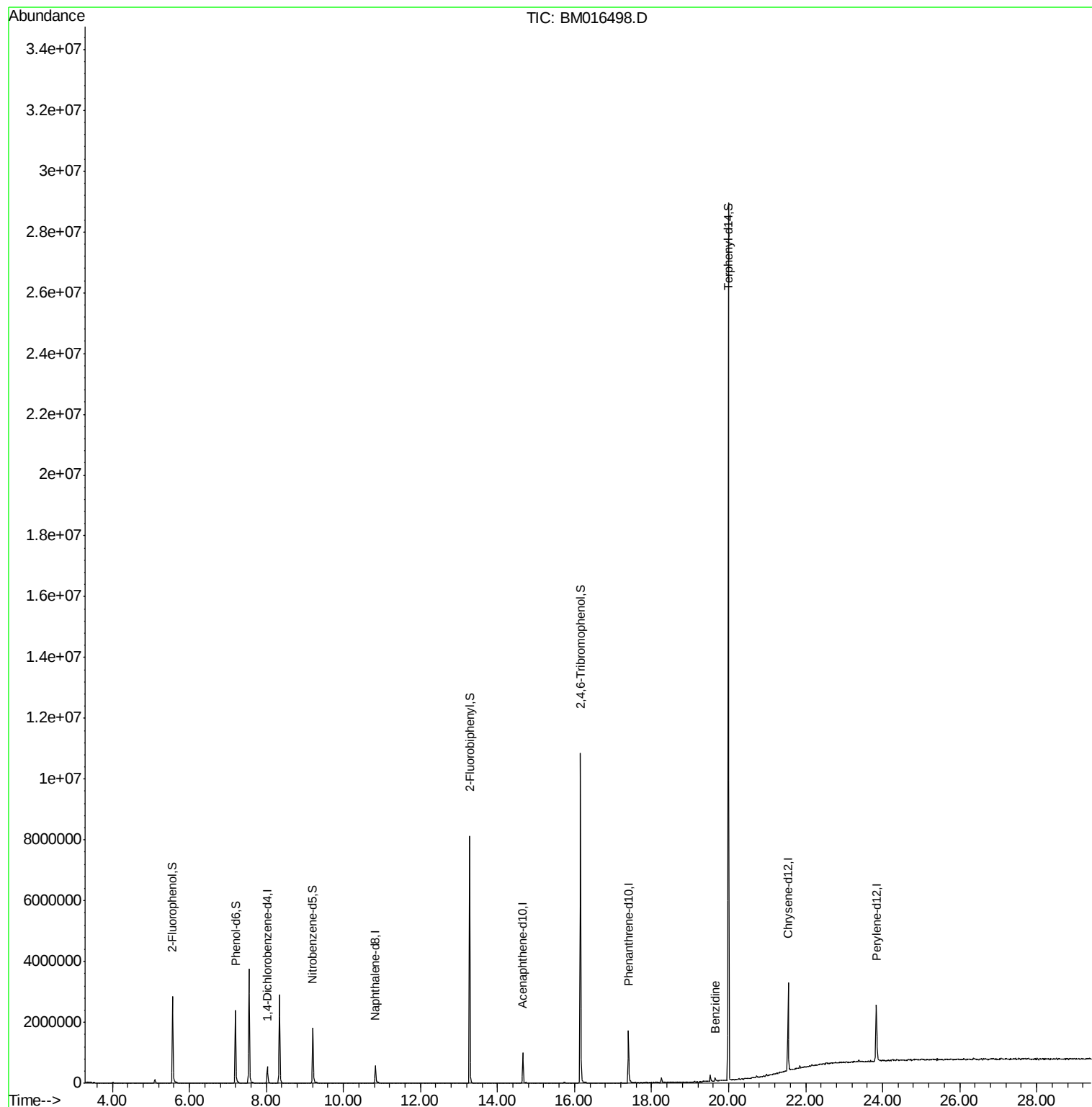
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	121706	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	387425	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	277891	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	969895	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1339788	20.00	ng	0.00
86) Perylene-d12	23.83	264	1512280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	919153	147.99	ng	0.00
7) Phenol-d6	7.20	99	1001954	121.91	ng	0.00
23) Nitrobenzene-d5	9.21	82	1058473	124.74	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1866748	240.31	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3625854	125.42	ng	0.00
78) Terphenyl-d14	19.99	244	10230135	161.61	ng	0.00
Target Compounds						
76) Benzidine	19.64	184	75822	2.943	ng	Qvalue # 91

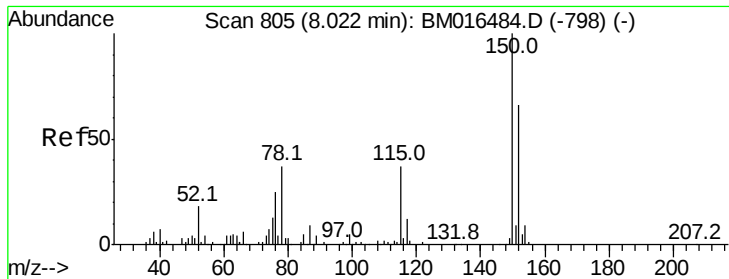
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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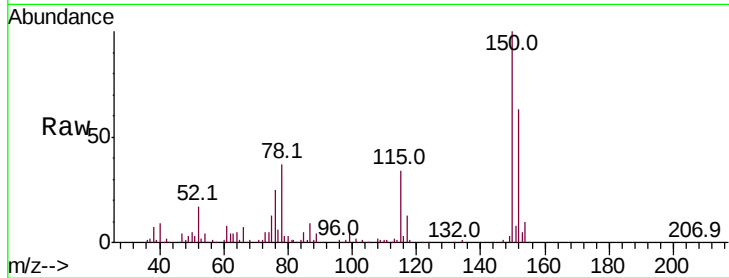


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Instrument :
BNA_M
ClientSampleId :
HR-06-082018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	119.5	179.3
115	53.8	43.0	64.4

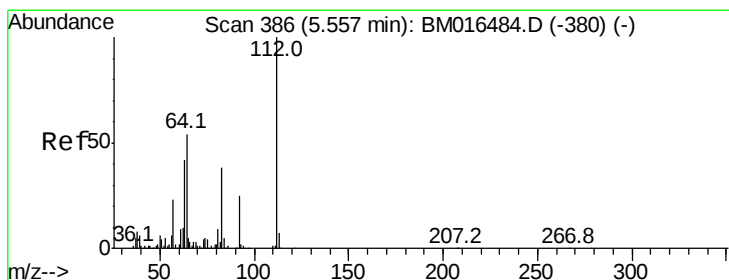
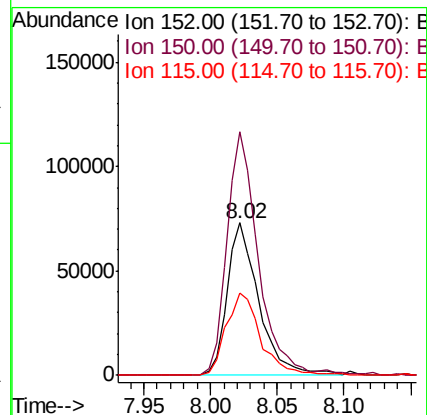
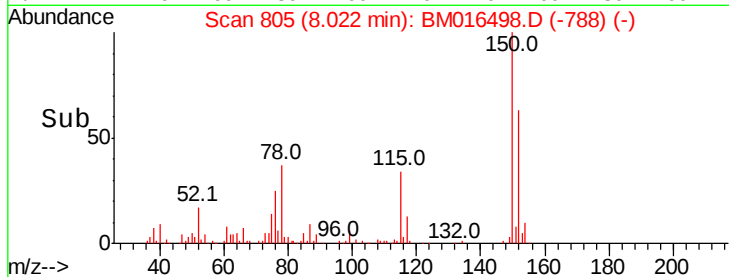


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

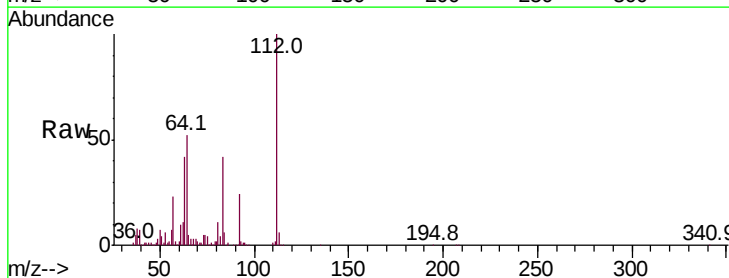
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	38.6	57.8
63	42.4	19.3	28.9

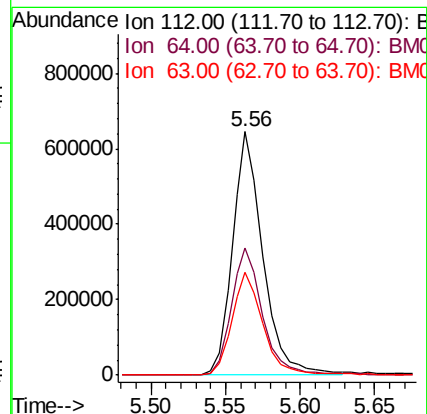
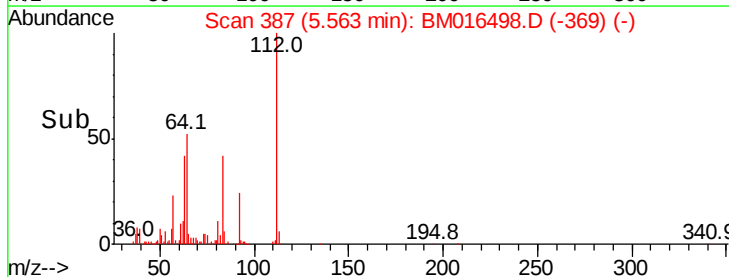


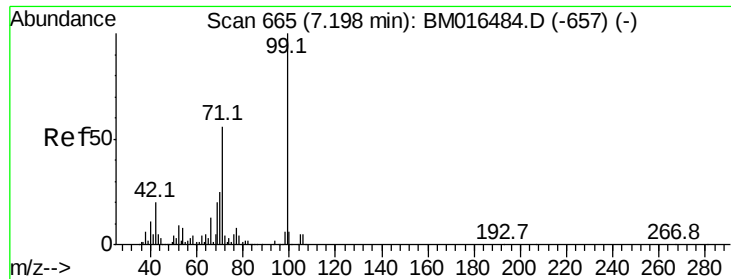
Abundance

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: BM016498.D

Acq: 21 Aug 2018 23:54

Instrument :

BNA_M

ClientSampleId :

HR-06-082018-A

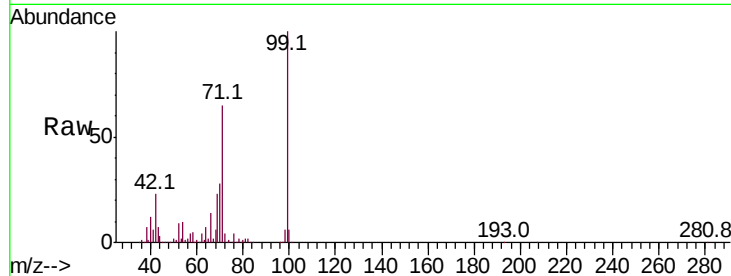
Tot Ion: 99 Resp: 1001954

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

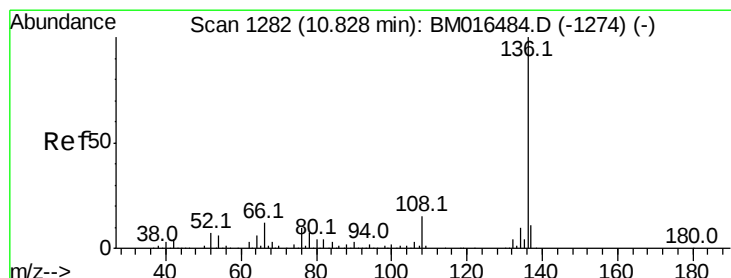
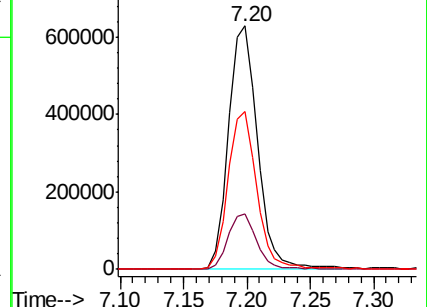
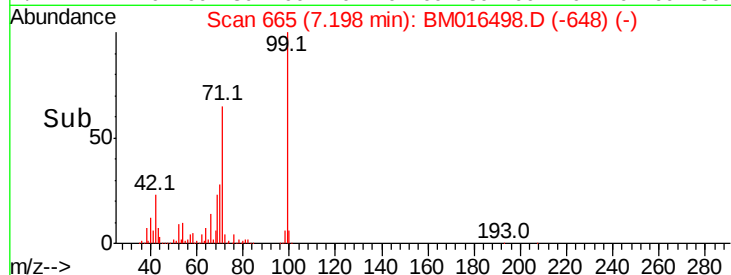
71 64.9 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

Tgt Ion: 136 Resp: 387425

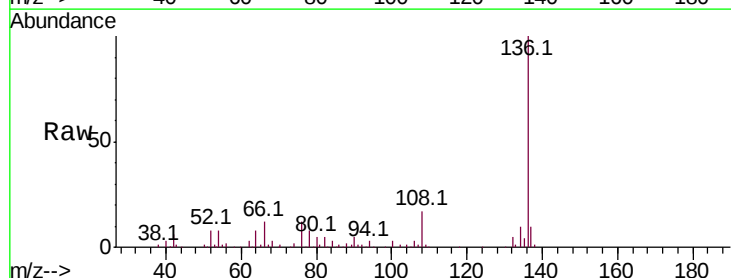
Ion Ratio Lower Upper

136 100

137 9.6 8.7 13.1

54 8.3 4.6 6.8#

68 3.2 3.7 5.5#

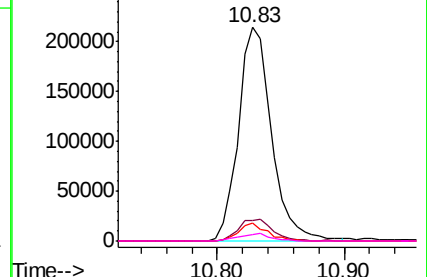
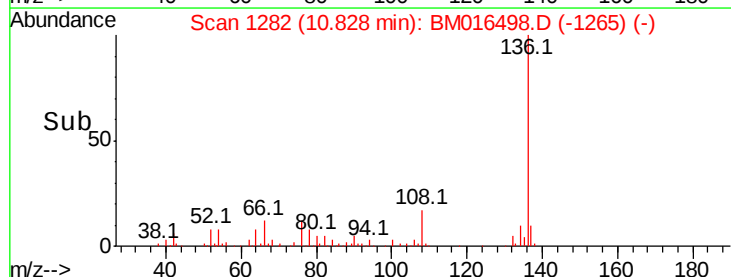


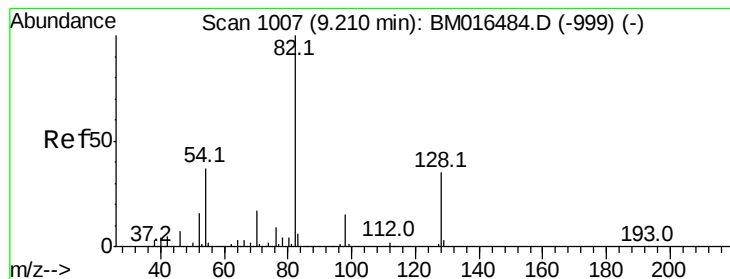
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: Below na

RT: 9.21 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

Instrument :

BNA_M

ClientSampleId :

HR-06-082018-A

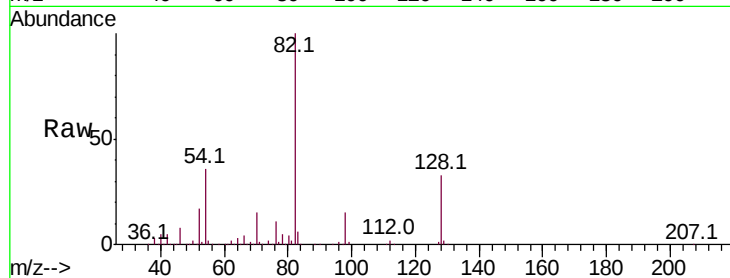
Tot Ion: 82 Resp: 1058473

Ion Ratio Lower Upper

82 100

128 32.6 32.8 49.2#

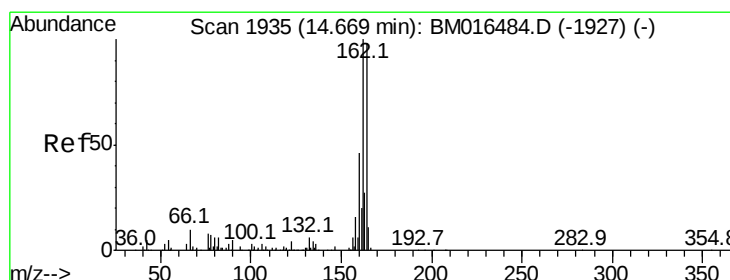
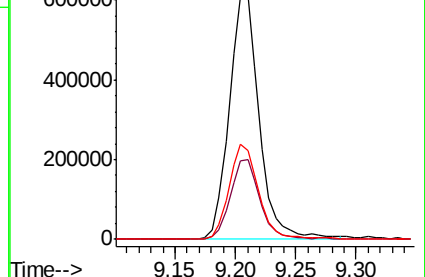
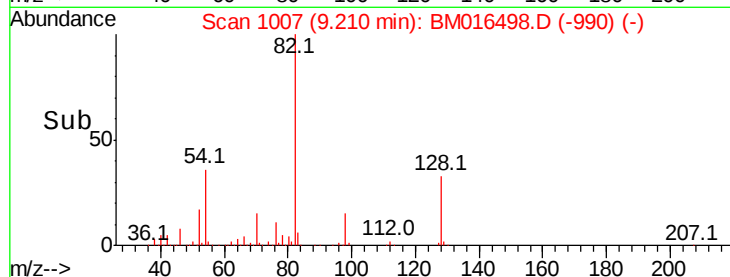
54 36.4 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016498.D (-1918) (-)

Ion 128.00 (127.70 to 128.70): BM016498.D (-1918) (-)

Ion 54.00 (53.70 to 54.70): BM016498.D (-1918) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016498.D

Acq: 21 Aug 2018 23:54

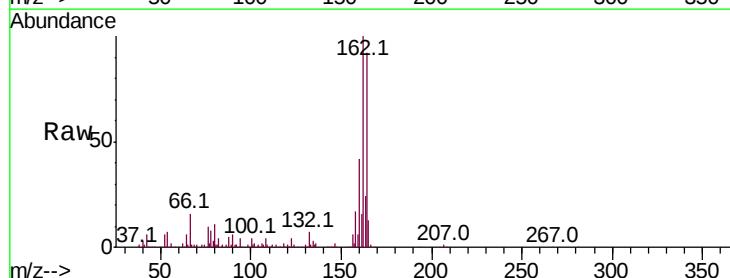
Tgt Ion:164 Resp: 277891

Ion Ratio Lower Upper

164 100

162 108.6 82.4 123.6

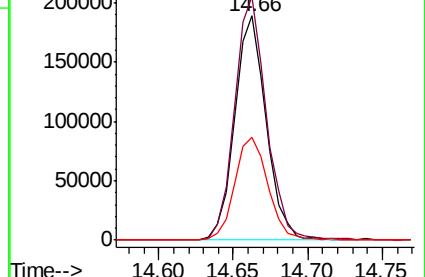
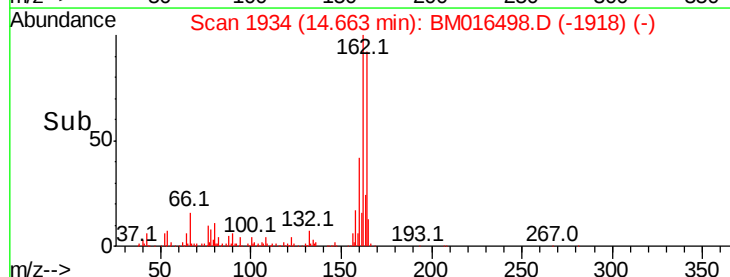
160 46.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016498.D (-1918) (-)

Ion 162.00 (161.70 to 162.70): BM016498.D (-1918) (-)

Ion 160.00 (159.70 to 160.70): BM016498.D (-1918) (-)

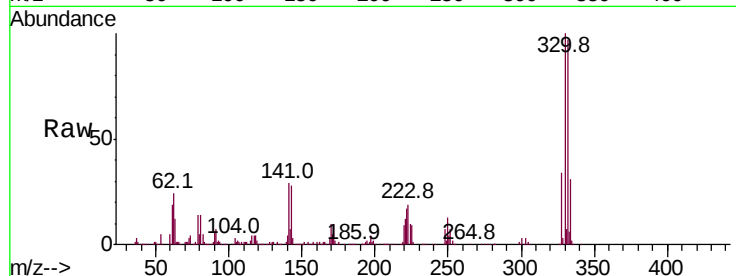




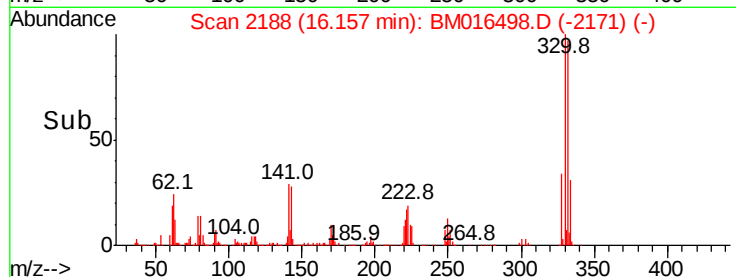
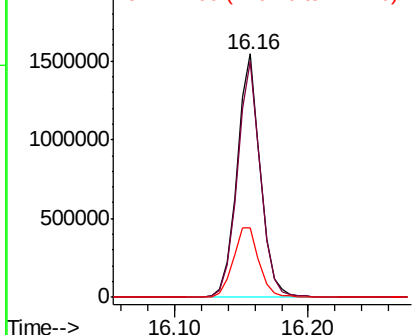
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Instrument :
BNA_M
ClientSampleId :
HR-06-082018-A

Tot Ion:330 Resp: 1866748
Ion Ratio Lower Upper
330 100
332 96.3 0.0 0.0#
141 32.1 0.0 0.0#

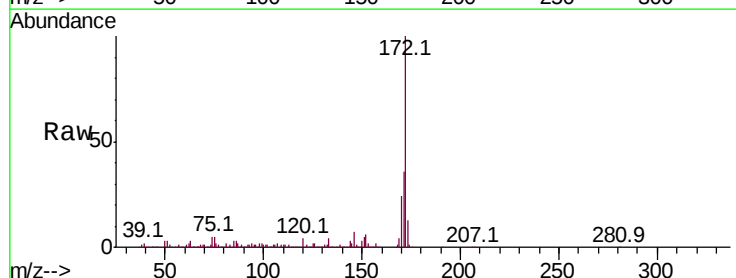


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

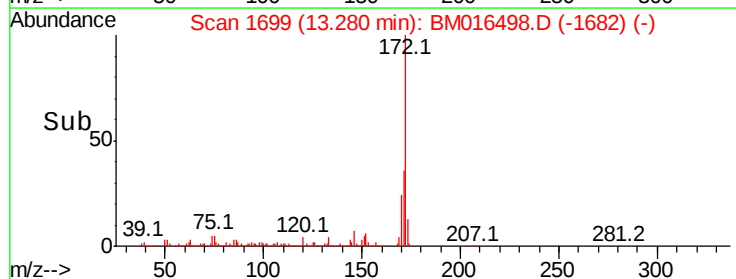
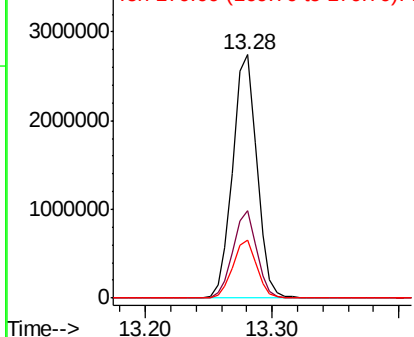


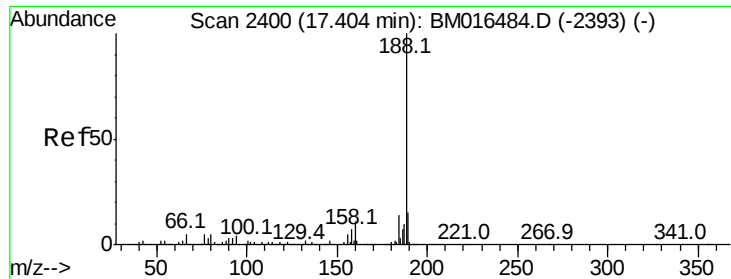
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion:172 Resp: 3625854
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.6 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

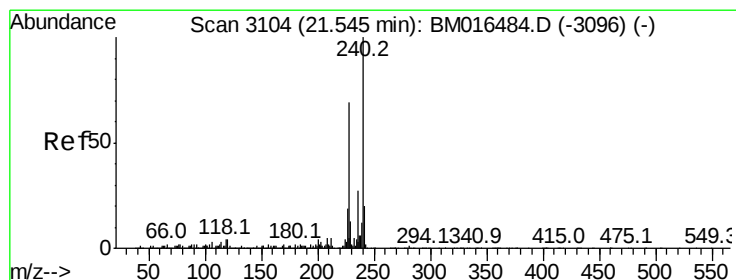
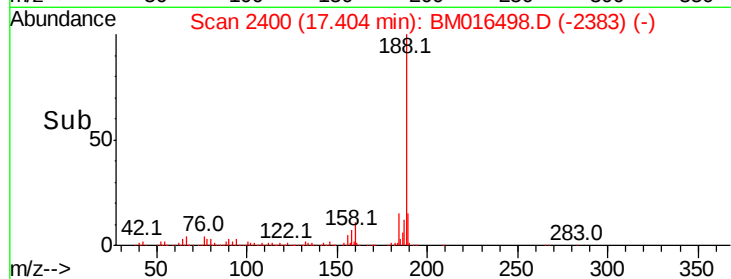
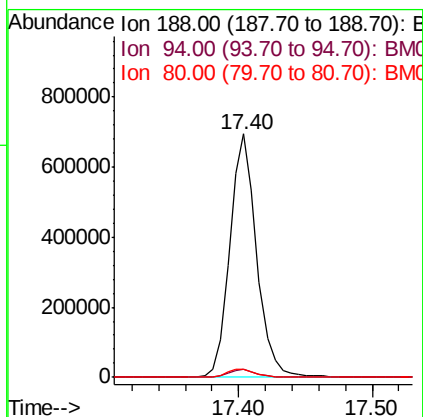
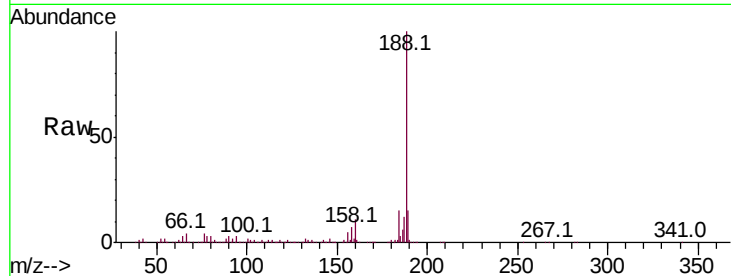




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

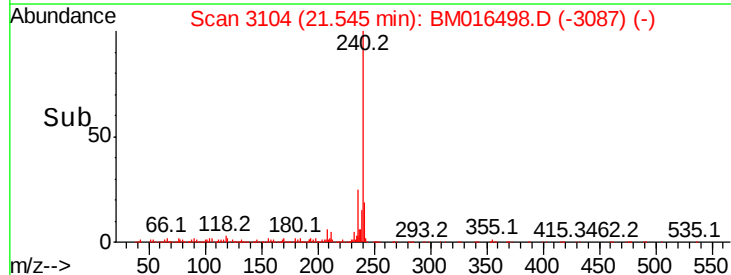
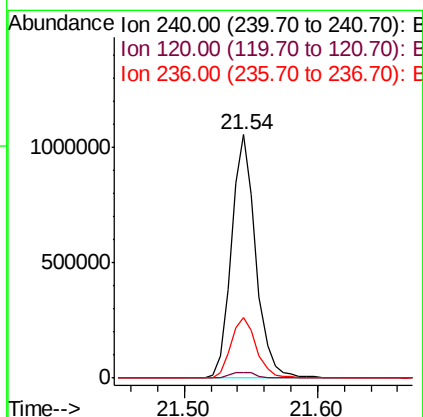
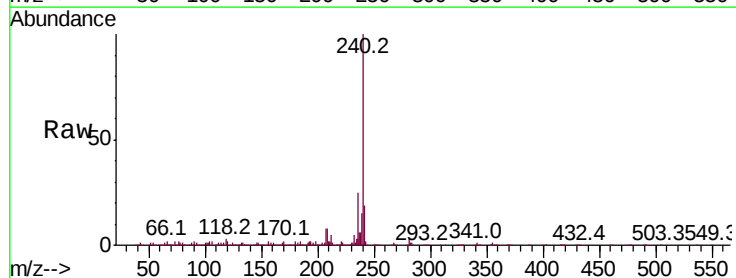
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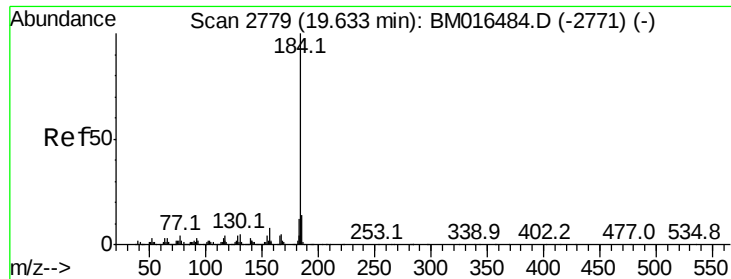
Tot Ion:188 Resp: 969895
Ion Ratio Lower Upper
188 100
94 3.2 8.7 13.1#
80 3.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion:240 Resp: 1339788
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 25.1 20.0 30.0

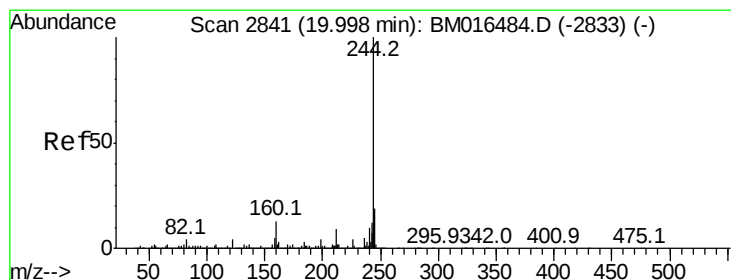
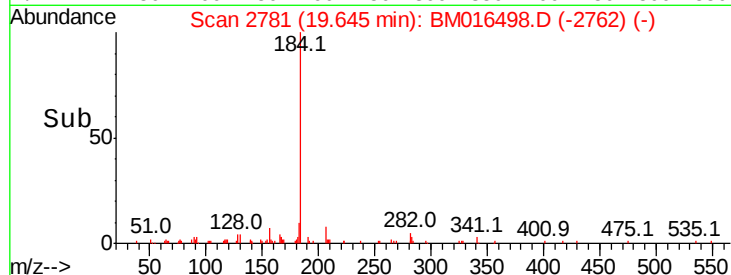
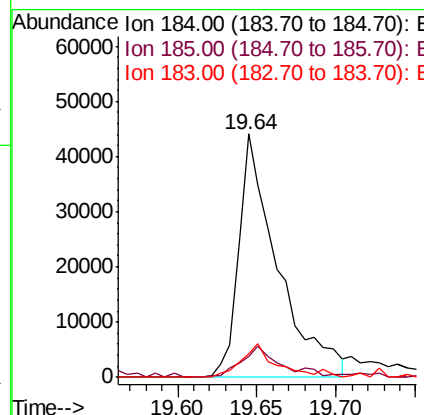
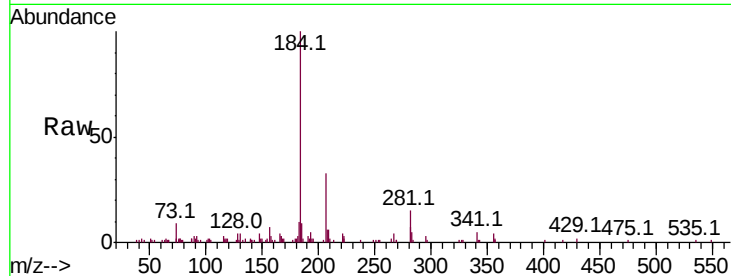




#76
Benzidine
Concen: 2.943 ng
RT: 19.64 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

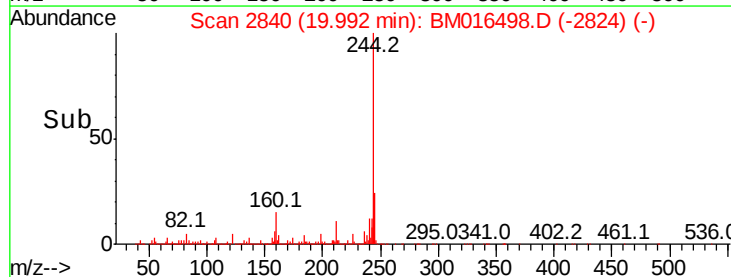
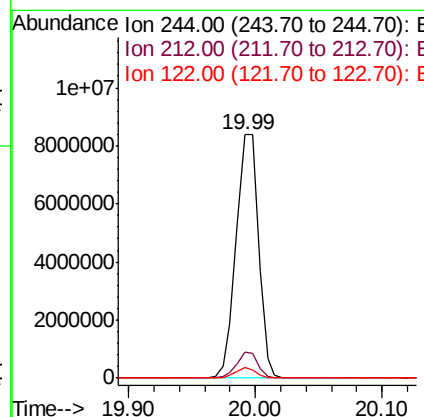
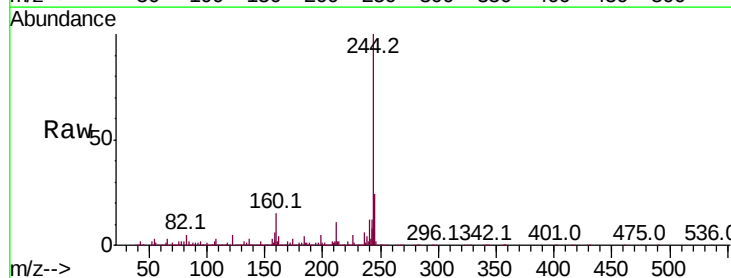
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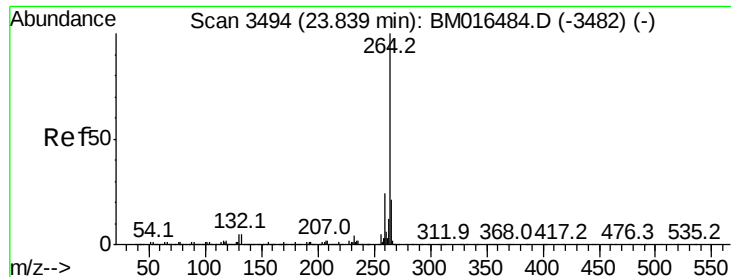
Tot Ion:184 Resp: 75822
Ion Ratio Lower Upper
184 100
185 8.7 11.3 16.9#
183 9.7 8.9 13.3



#78
Terphenyl-d14
Concen: Below ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016498.D
Acq: 21 Aug 2018 23:54

Tgt Ion:244 Resp:10230135
Ion Ratio Lower Upper
244 100
212 10.9 4.9 7.3#
122 4.6 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016498.D
 Acq: 21 Aug 2018 23:54

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-082018-A

Tot Ion: 264 Resp: 1512280

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.7	17.3	25.9

