

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016524.D
 Acq On : 22 Aug 2018 18:32
 Operator : SJ/JU
 Sample : J4275-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082018-D

Quant Time: Aug 23 03:24:06 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

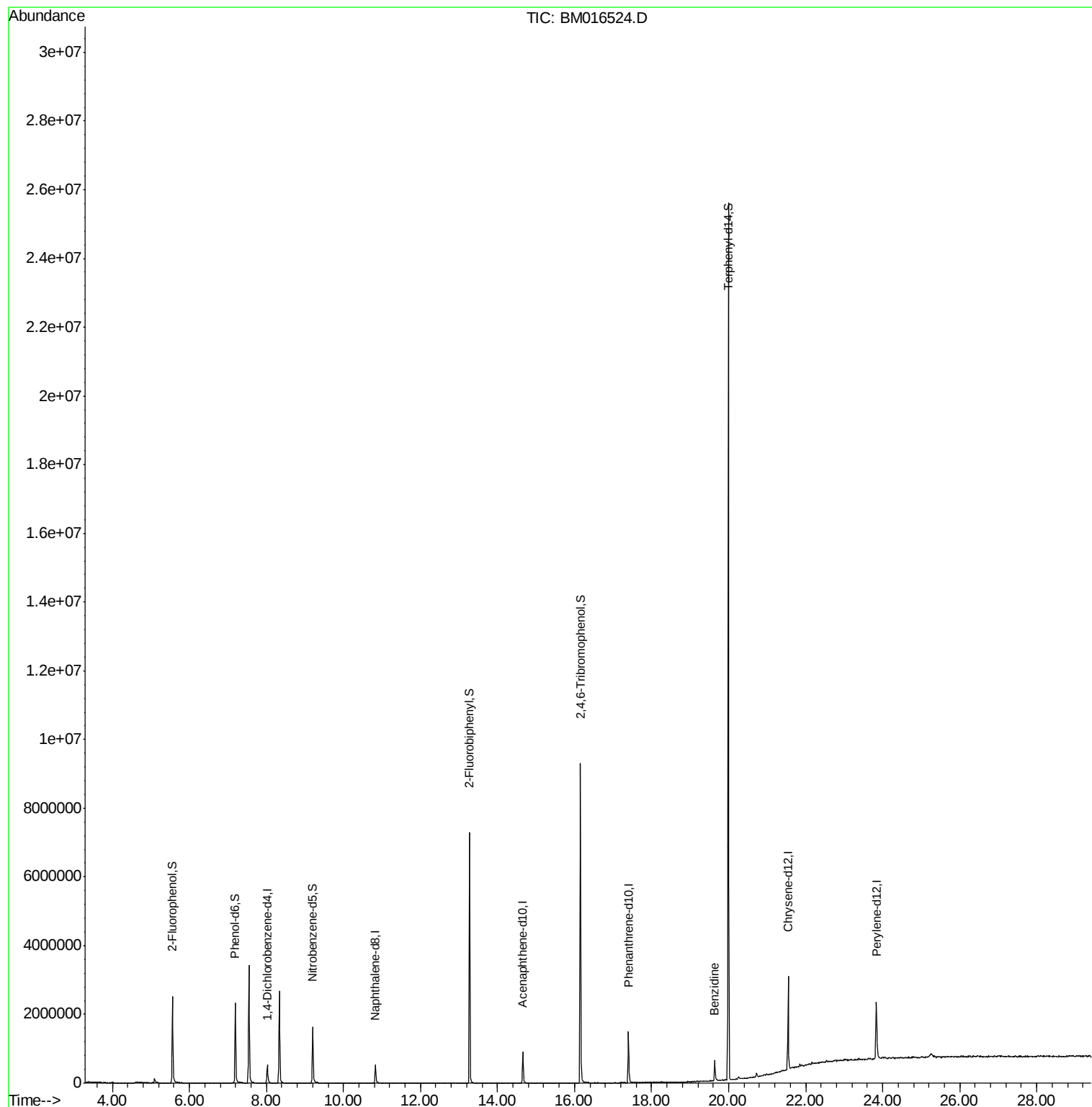
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	129165	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	371718	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	274114	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	923915	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1202420	20.00	ng	0.00
86) Perylene-d12	23.83	264	1355717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	894737	135.74	ng	0.00
7) Phenol-d6	7.19	99	955180	109.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	941636	115.66	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1604151	209.35	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3297916	115.65	ng	0.00
78) Terphenyl-d14	19.99	244	9350713	164.60	ng	0.00
Target Compounds						
76) Benzidine	19.64	184	383919	16.603	ng	Qvalue 98

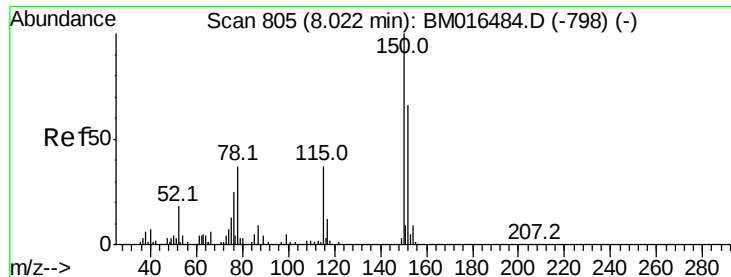
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 16:31:22 2018
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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: BM016524.D

Acq: 22 Aug 2018 18:32

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

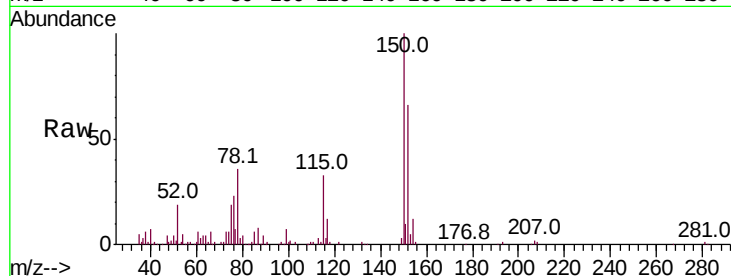
Tot Ion:152 Resp: 129165

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

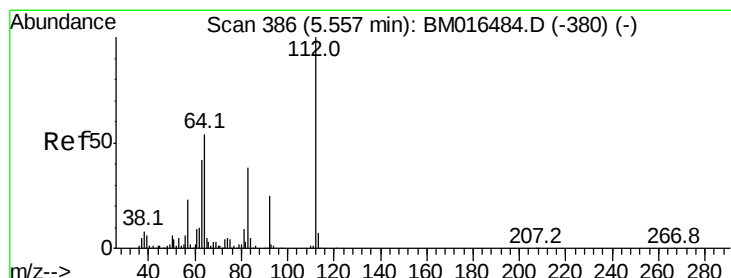
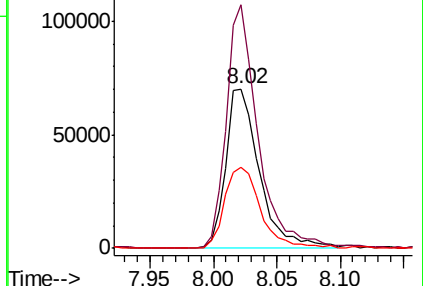
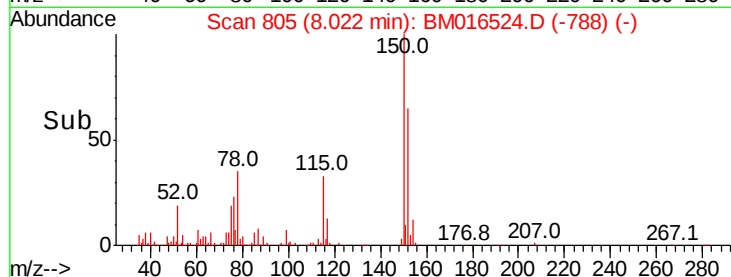
115 50.8 43.0 64.4



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: 135.742 ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

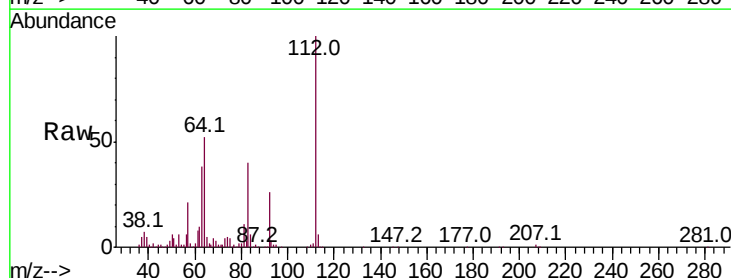
Tgt Ion:112 Resp: 894737

Ion Ratio Lower Upper

112 100

64 52.2 38.6 57.8

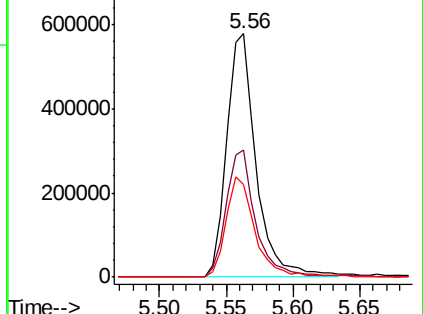
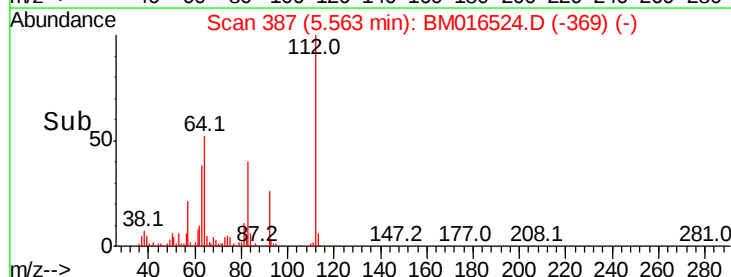
63 38.2 19.3 28.9#

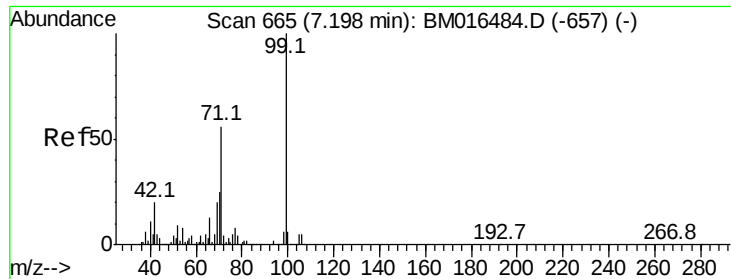


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 109.510 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

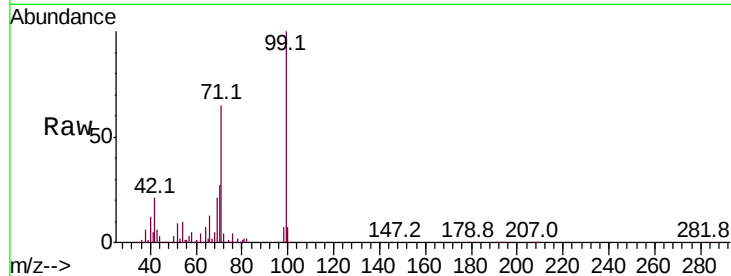
Tot Ion: 99 Resp: 955180

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

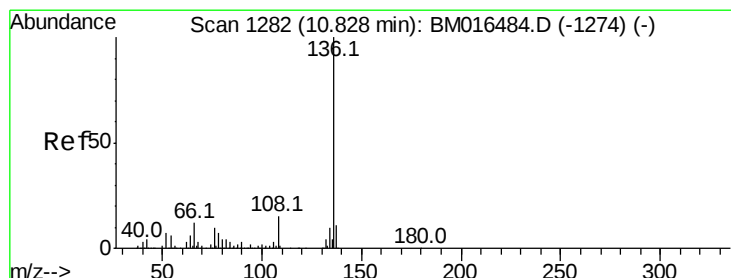
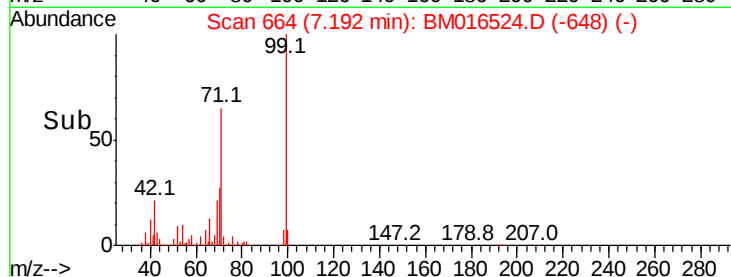
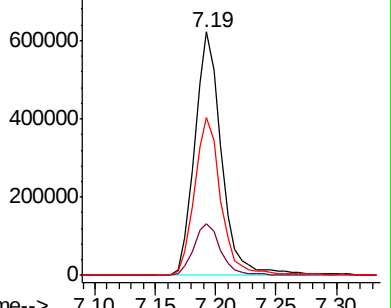
71 65.0 23.4 35.2#



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: BM016524.D

Acq: 22 Aug 2018 18:32

Tgt Ion: 136 Resp: 371718

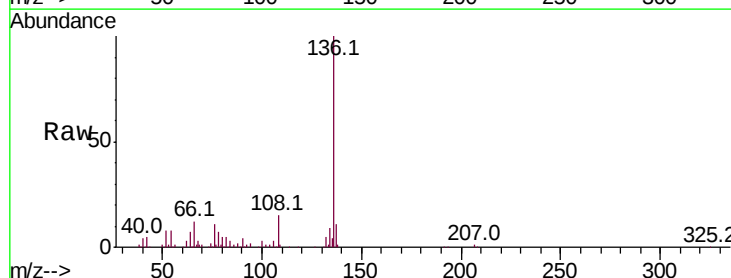
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.5 4.6 6.8#

68 3.0 3.7 5.5#

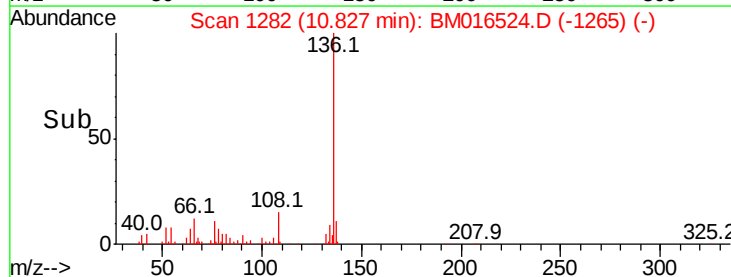
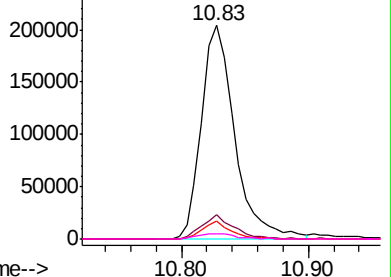


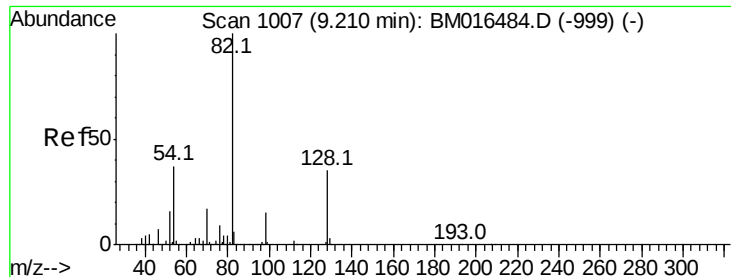
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

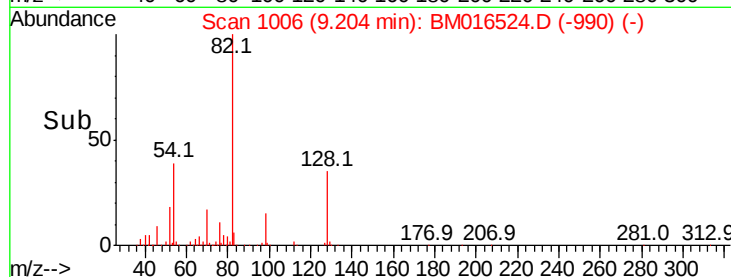
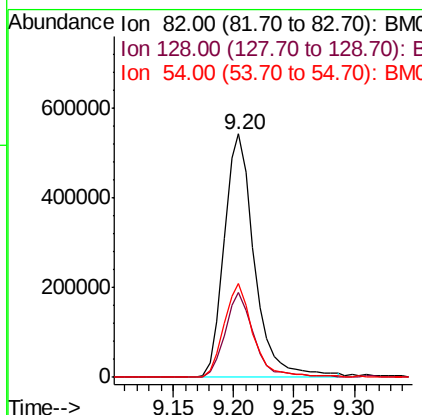
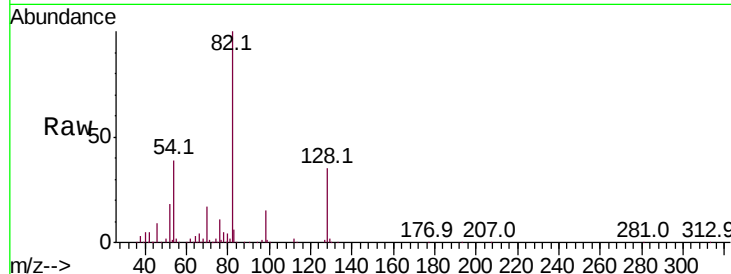




#23
Nitrobenzene-d5
Concen: 115.663 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016524.D
Acq: 22 Aug 2018 18:32

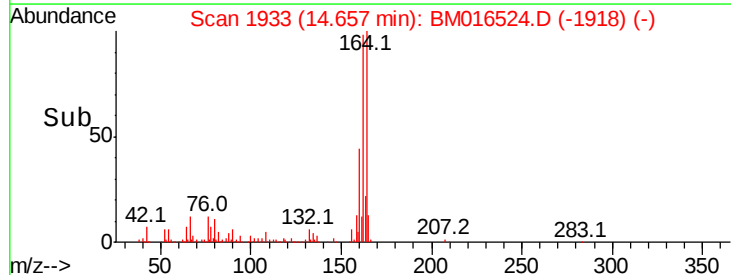
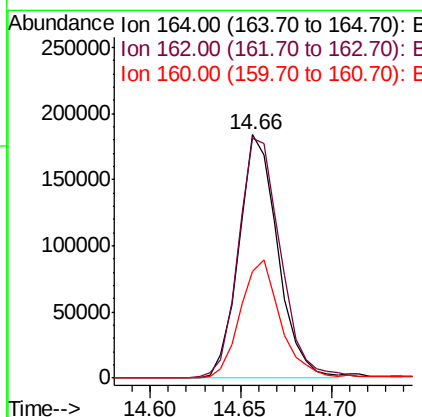
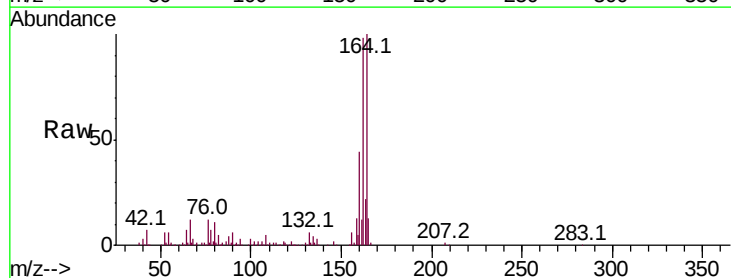
Instrument :
BNA_M
ClientSampled :
CL-01-082018-D

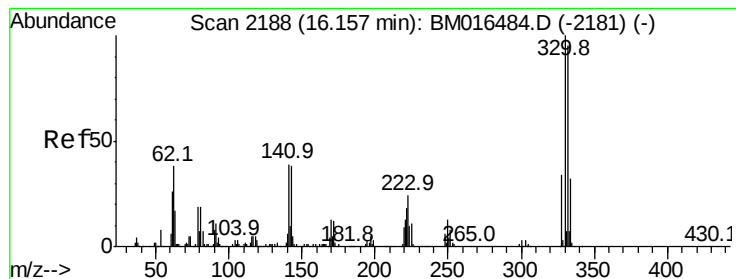
Tot Ion	82	Resp	941636
Ion Ratio	Lower	Upper	
82	100		
128	34.9	32.8	49.2
54	38.6	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016524.D
Acq: 22 Aug 2018 18:32

Tgt Ion	164	Resp	274114
Ion Ratio	Lower	Upper	
164	100		
162	98.3	82.4	123.6
160	43.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 209.347 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

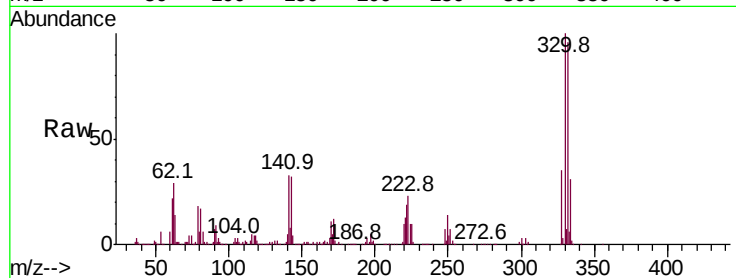
Tot Ion:330 Resp: 1604151

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

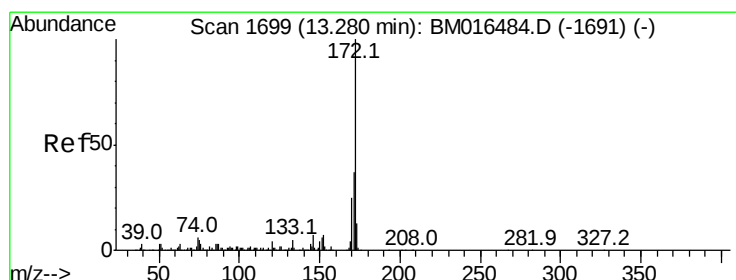
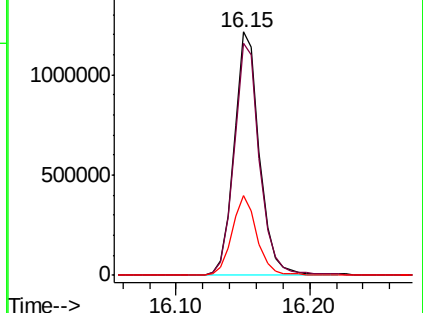
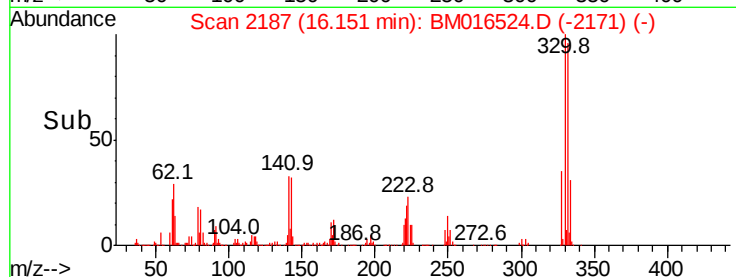
141 32.6 0.0 0.0#



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: 115.647 ng

RT: 13.27 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

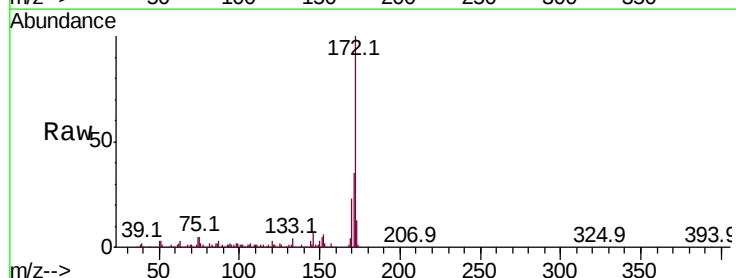
Tgt Ion:172 Resp: 3297916

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

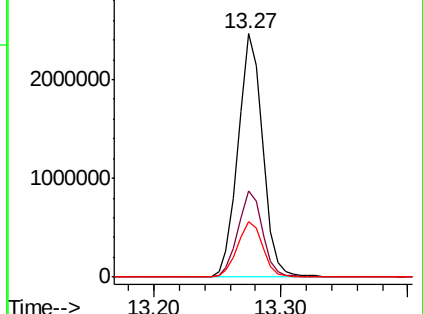
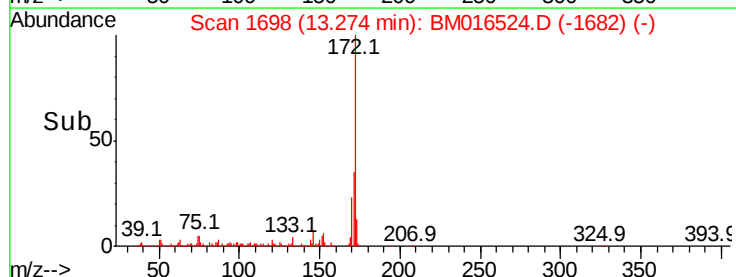
170 23.0 18.8 28.2

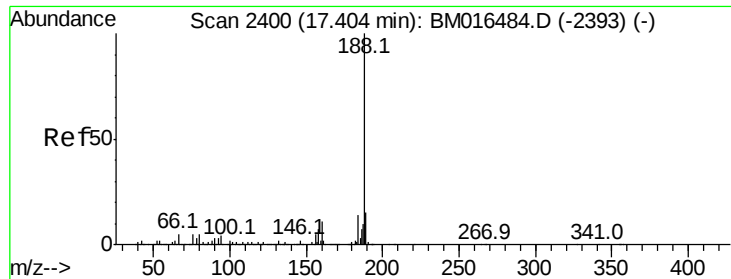


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM016524.D

Acq: 22 Aug 2018 18:32

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

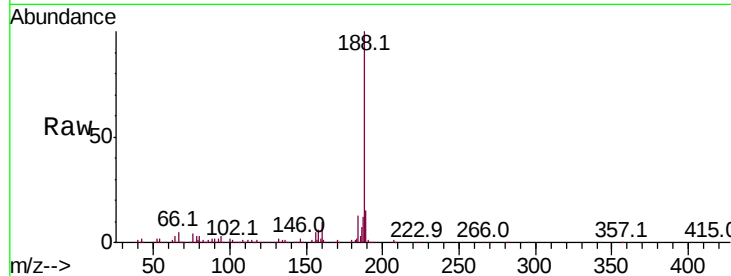
Tot Ion:188 Resp: 923915

Ion Ratio Lower Upper

188 100

94 2.5 8.7 13.1#

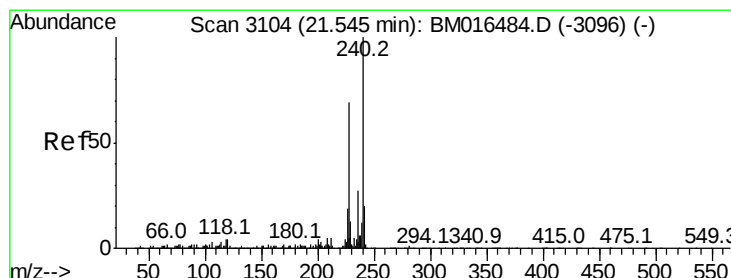
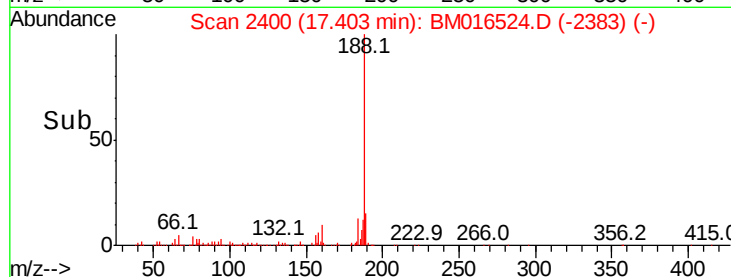
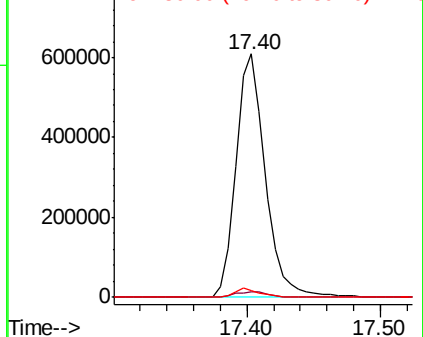
80 3.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

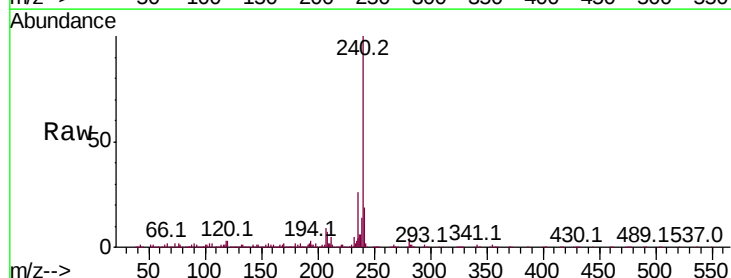
Tgt Ion:240 Resp: 1202420

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

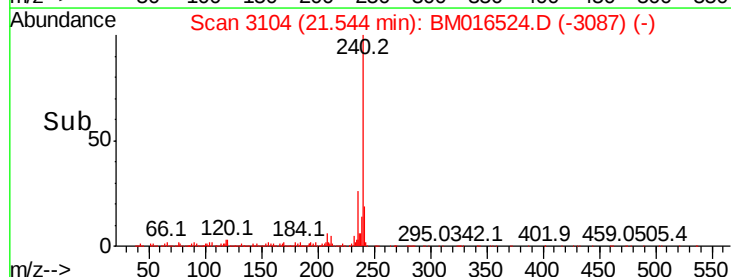
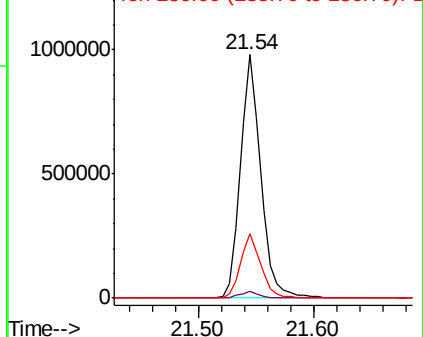
236 26.4 20.0 30.0

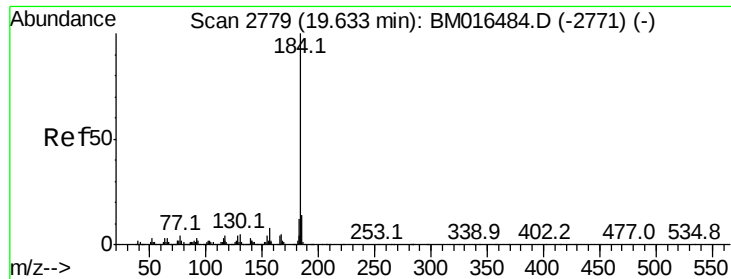


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

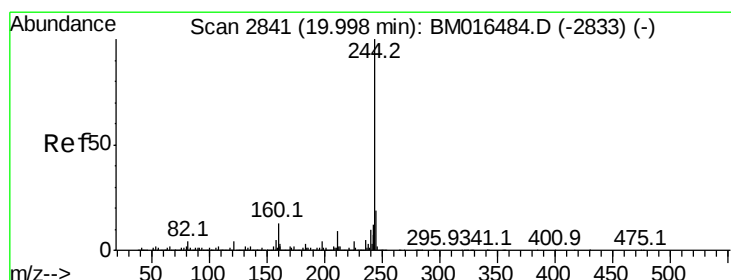
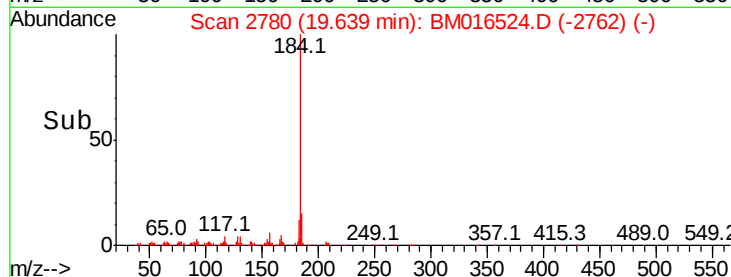
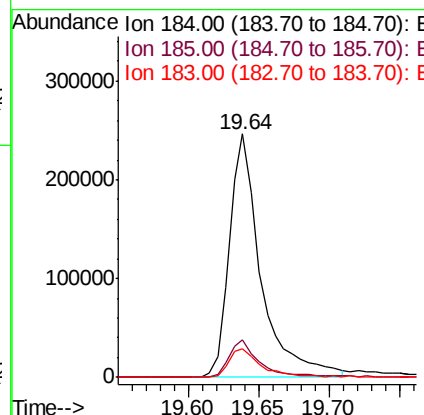
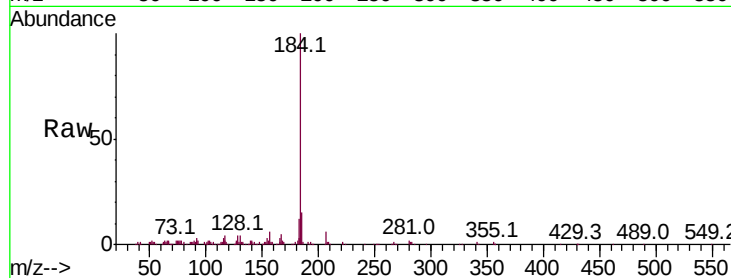




#76
Benzidine
Concen: 16.603 ng
RT: 19.64 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BM016524.D
Acq: 22 Aug 2018 18:32

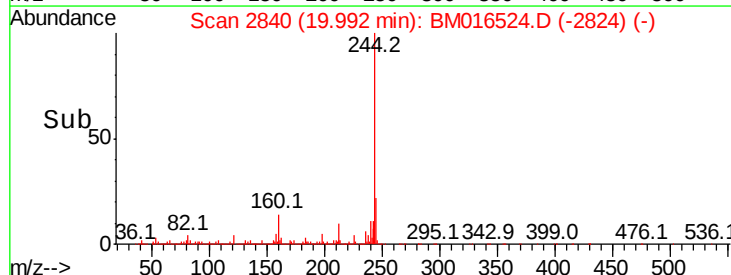
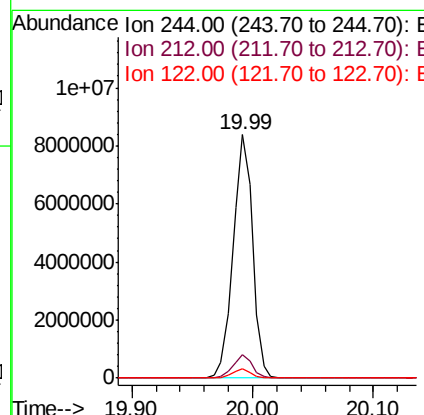
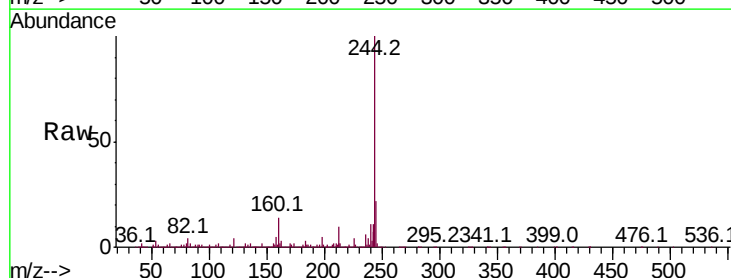
Instrument :
BNA_M
ClientSampleId :
CL-01-082018-D

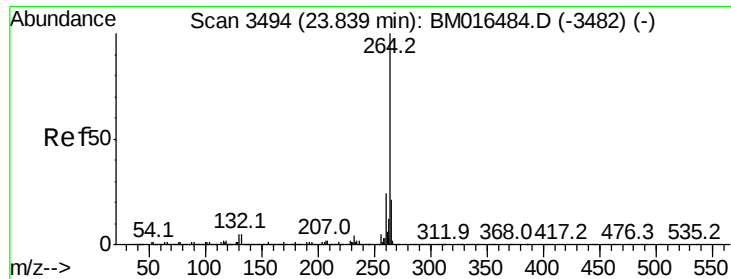
Tot Ion:184 Resp: 383919
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 11.5 8.9 13.3



#78
Terphenyl-d14
Concen: 164.597 ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016524.D
Acq: 22 Aug 2018 18:32

Tgt Ion:244 Resp: 9350713
Ion Ratio Lower Upper
244 100
212 9.9 4.9 7.3#
122 3.8 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: BM016524.D
Acq: 22 Aug 2018 18:32

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-D

Tot Ion:264 Resp: 1355717

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.9	17.3	25.9

