

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

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 02:39:51 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

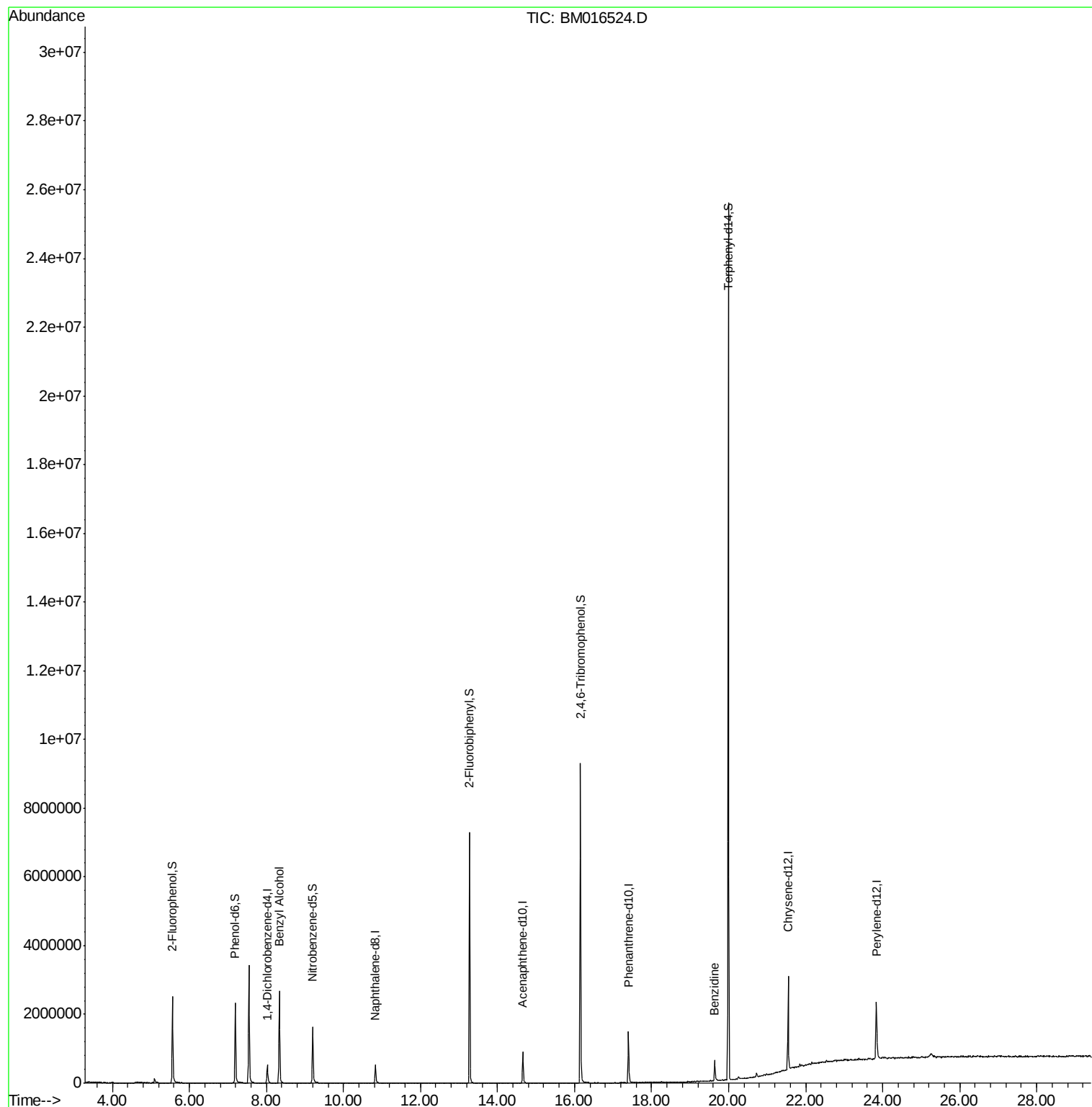
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	129165	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	371718	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	274114	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	923915	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1202420	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						
15) Benzyl Alcohol	8.33	79	18427	2.275	ng	Qvalue # 5
76) Benzidine	19.64	184	383919	16.603	ng	98

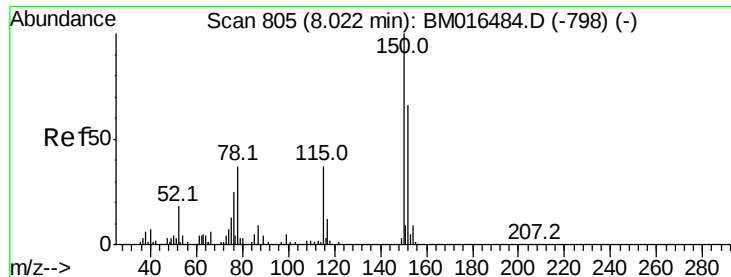
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



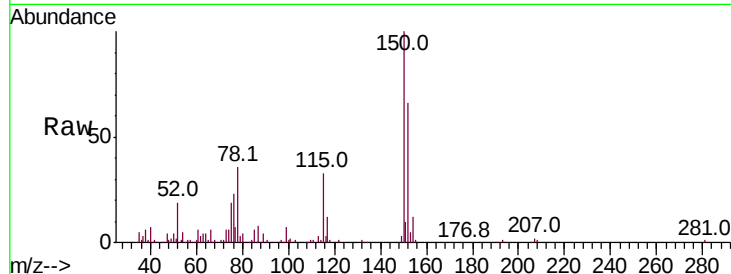


#1

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 :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	50.8	43.0	64.4

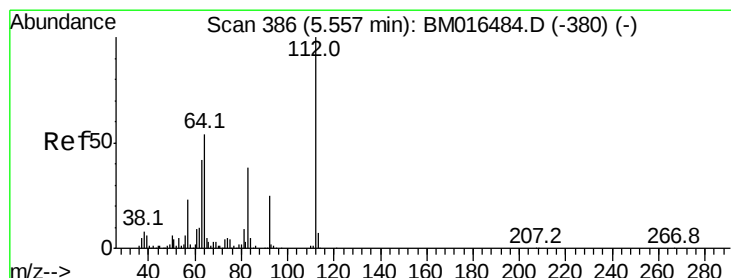
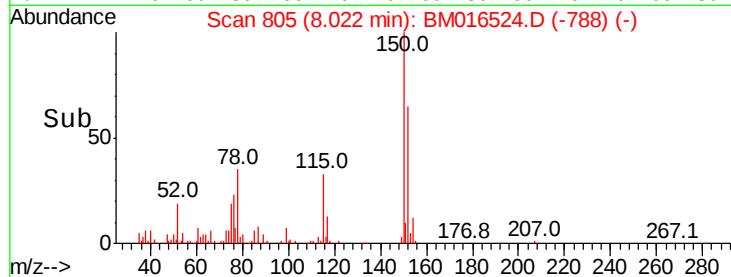
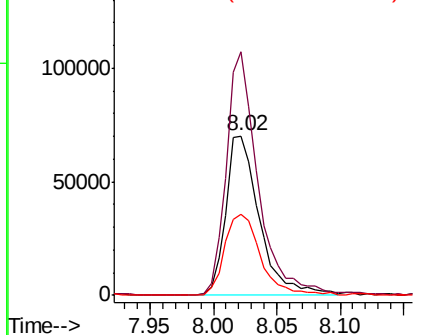


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

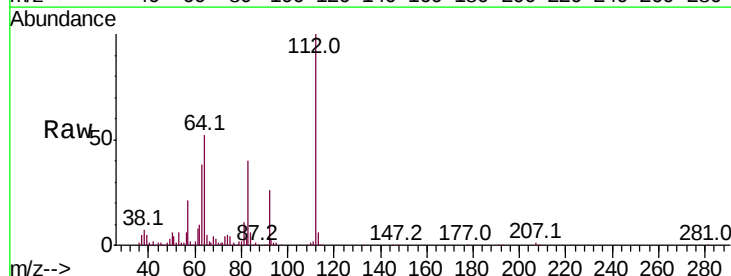
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below 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	Ratio	Lower	Upper
112	100		
64	52.2	38.6	57.8
63	38.2	19.3	28.9

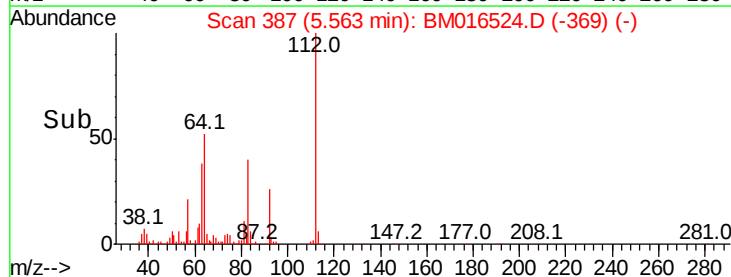
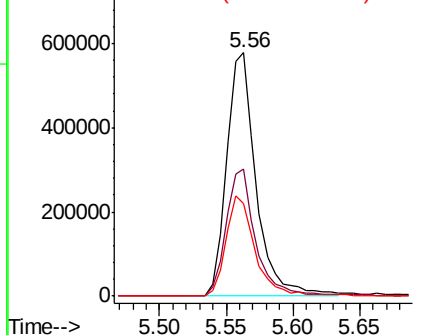


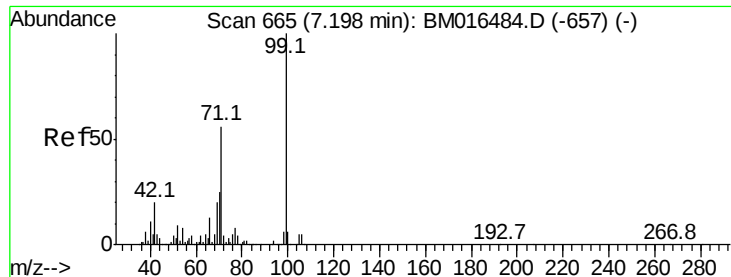
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: Below na

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 :

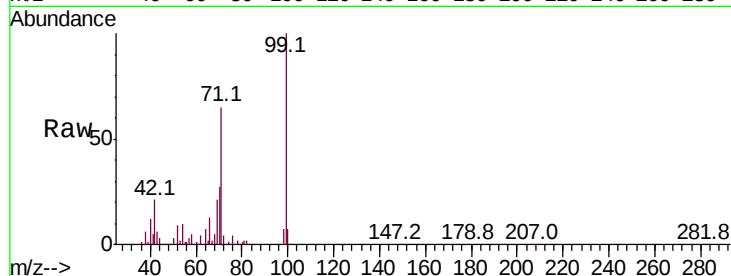
Tot Ion: 99 Resp: 955180

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

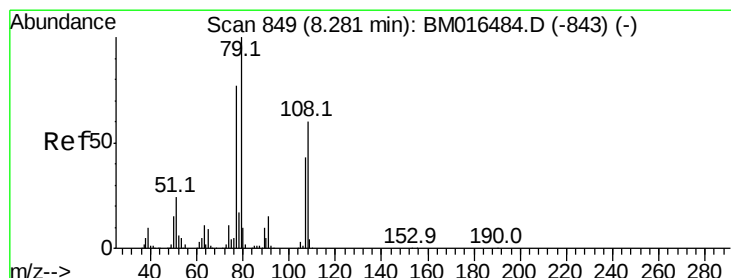
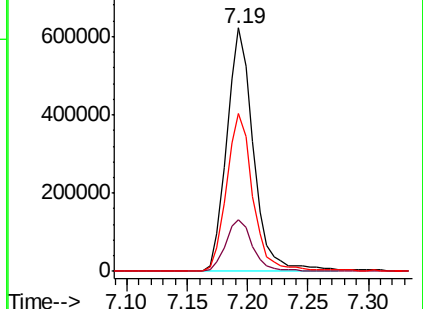
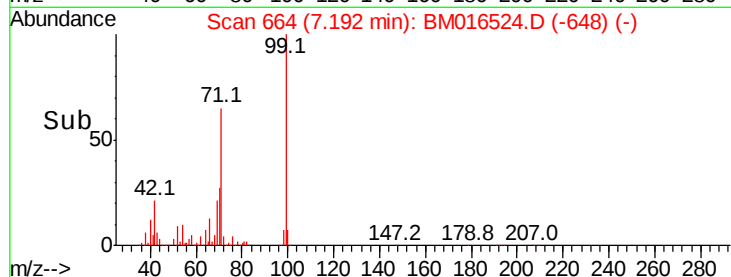
71 65.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016524.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016524.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016524.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.275 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

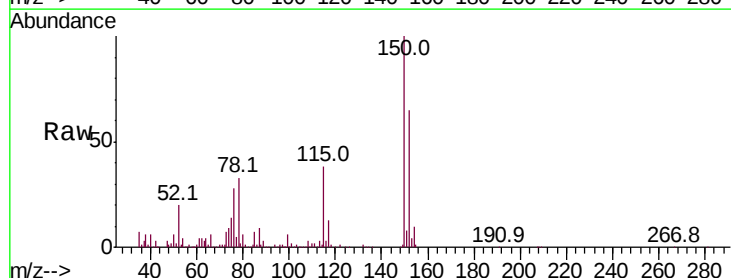
Tgt Ion: 79 Resp: 18427

Ion Ratio Lower Upper

79 100

108 109.3 65.0 97.4#

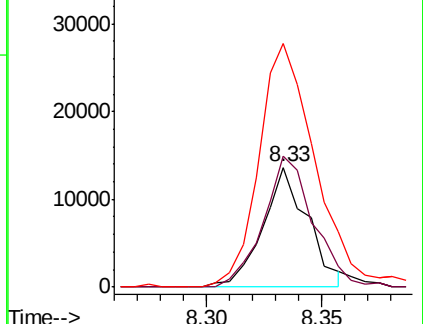
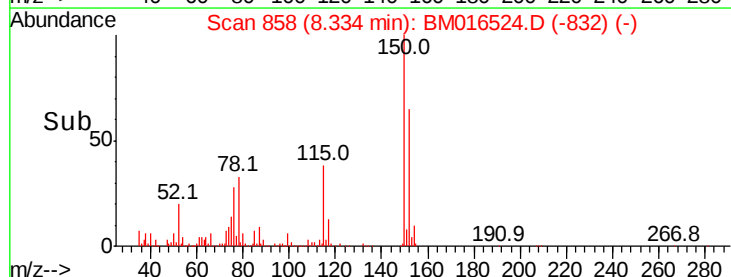
77 203.7 53.0 79.6#

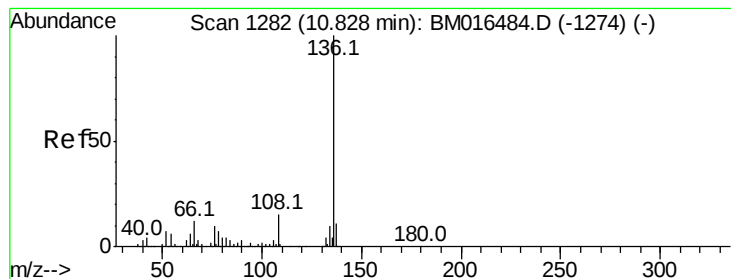


Abundance Ion 79.00 (78.70 to 79.70): BM016524.D (-832) (-)

Ion 108.00 (107.70 to 108.70): BM016524.D (-832) (-)

Ion 77.00 (76.70 to 77.70): BM016524.D (-832) (-)





#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

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 371718

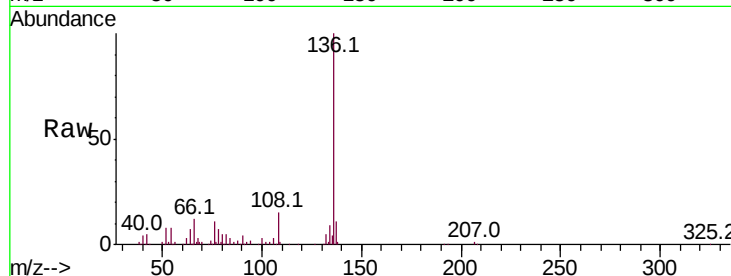
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.5 4.6 6.8#

68 3.0 3.7 5.5#



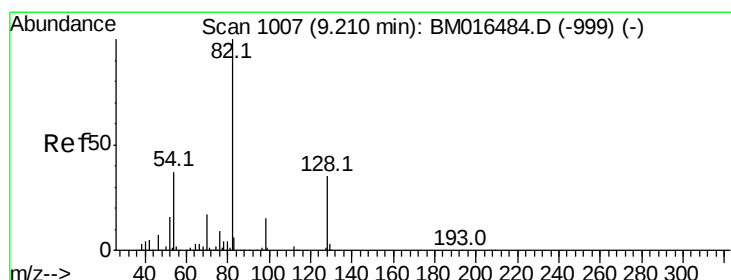
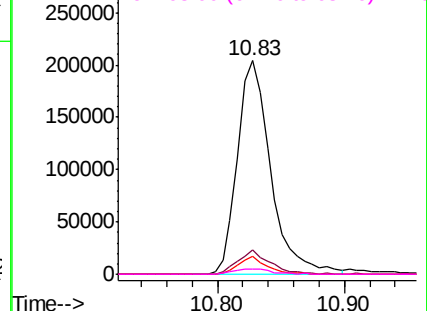
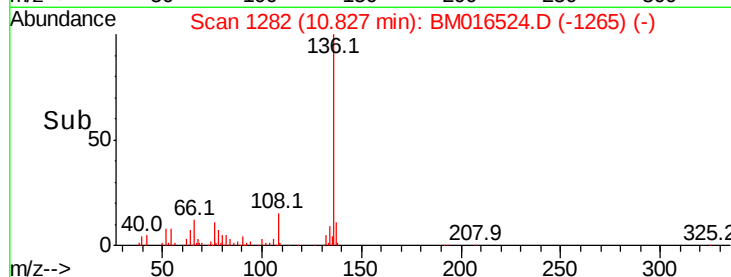
Abundance

Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

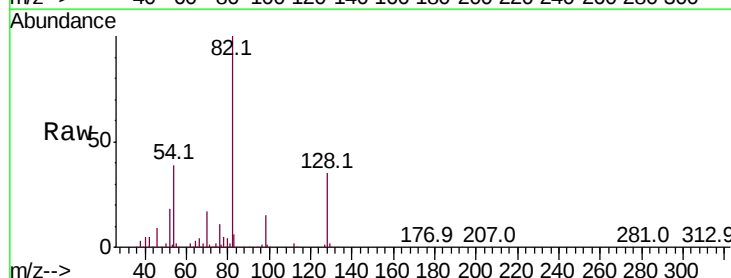
Tgt Ion: 82 Resp: 941636

Ion Ratio Lower Upper

82 100

128 34.9 32.8 49.2

54 38.6 40.6 60.8#

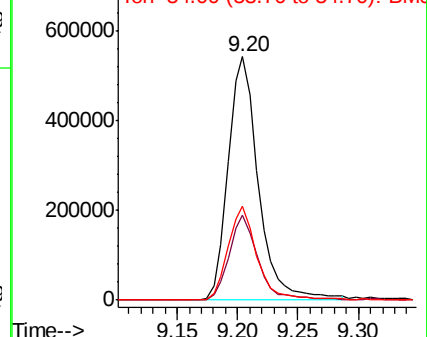
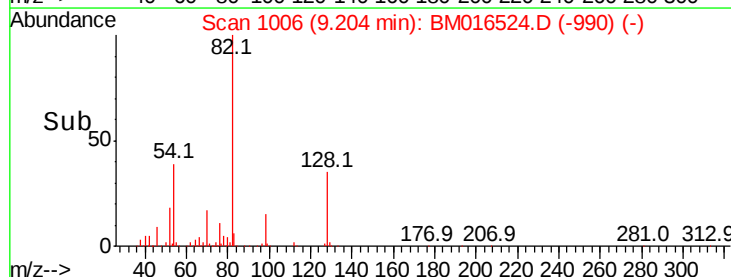


Abundance

Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

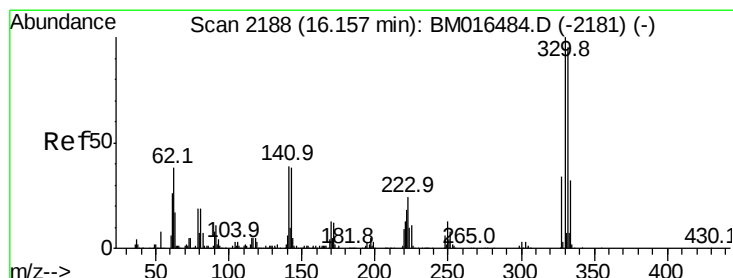
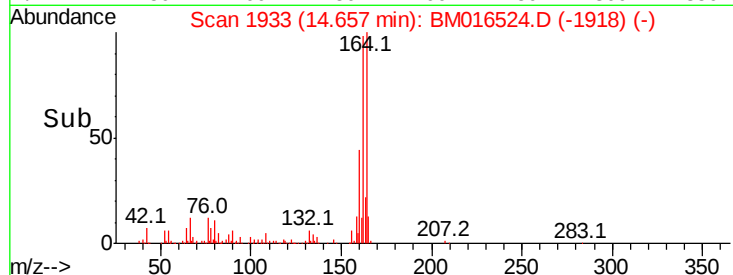
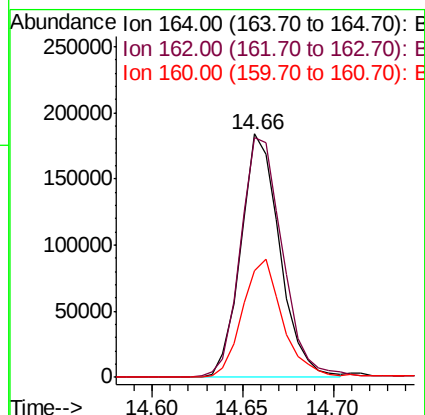
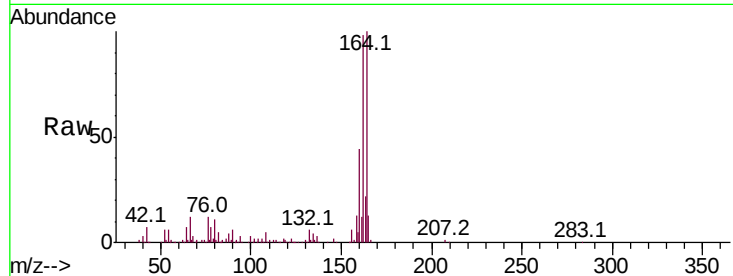




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016524.D
 Acq: 22 Aug 2018 18:32

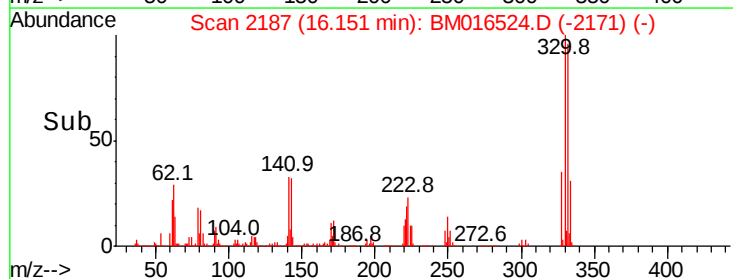
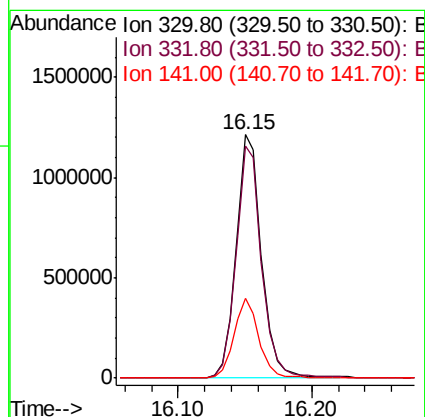
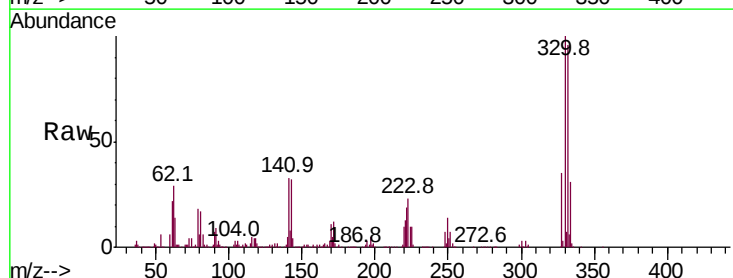
Instrument :
 BNA_M
 ClientSampleId :

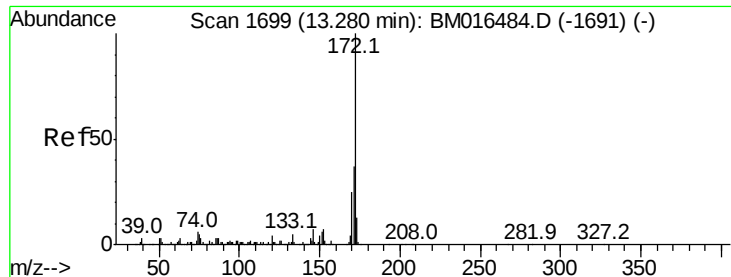
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	82.4	123.6
160	43.6	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016524.D
 Acq: 22 Aug 2018 18:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	32.6	0.0	0.0#

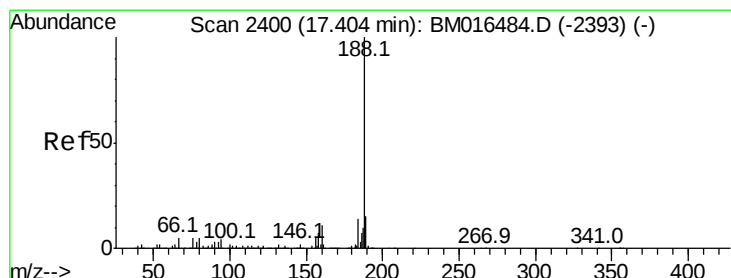
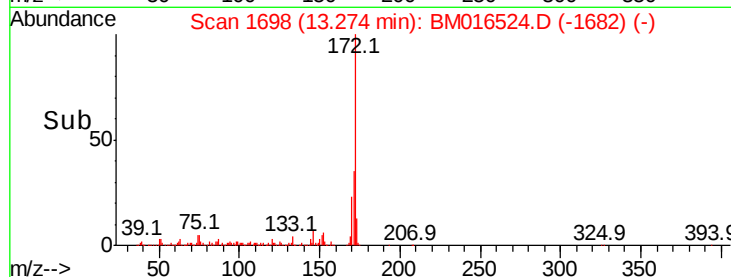
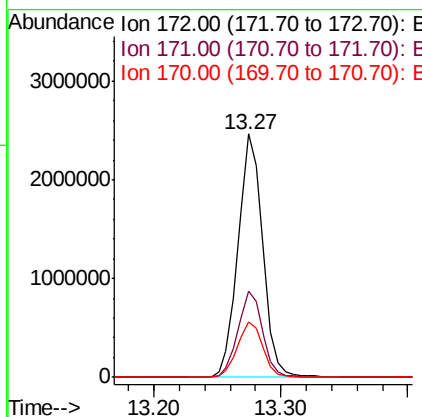
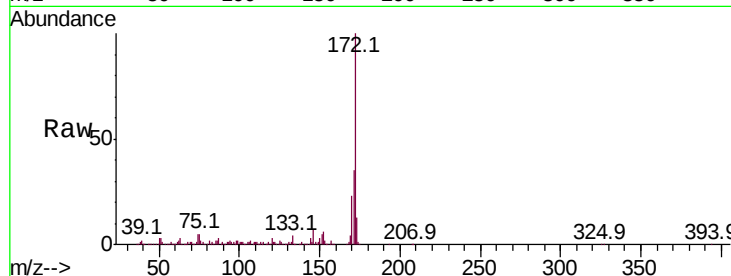




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016524.D
Acq: 22 Aug 2018 18:32

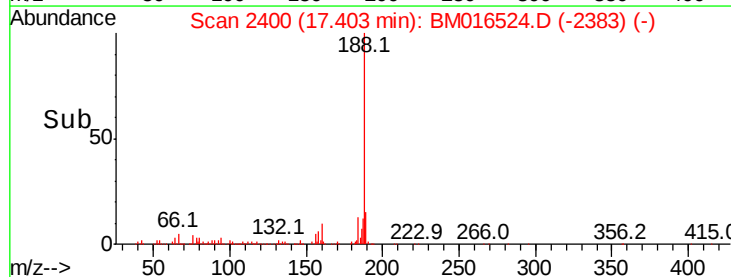
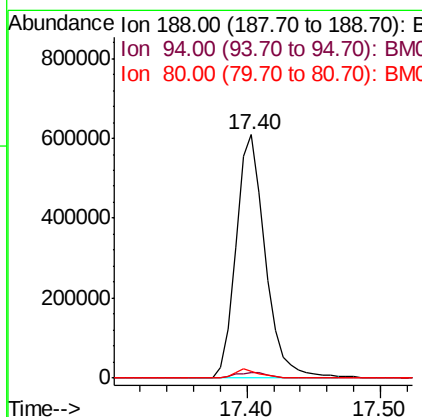
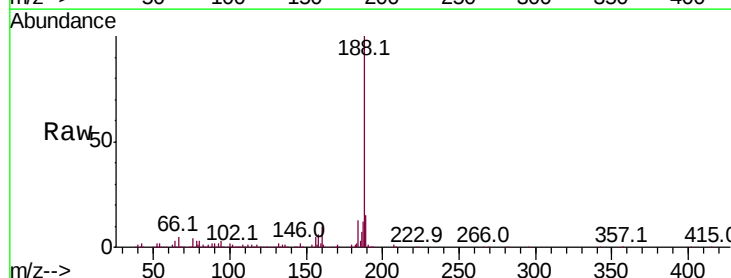
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3297916
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.0 18.8 28.2



#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

Tgt Ion:188 Resp: 923915
Ion Ratio Lower Upper
188 100
94 2.5 8.7 13.1#
80 3.1 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: BM016524.D

Acq: 22 Aug 2018 18:32

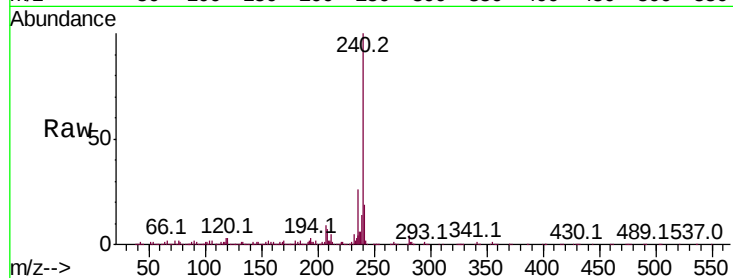
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1202420

Ion	Ratio	Lower	Upper
240	100		
120	3.0	8.2	12.2#
236	26.4	20.0	30.0

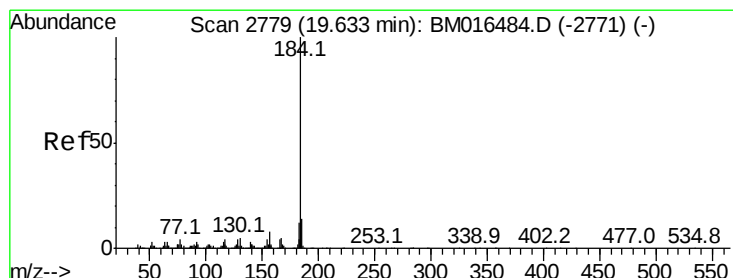
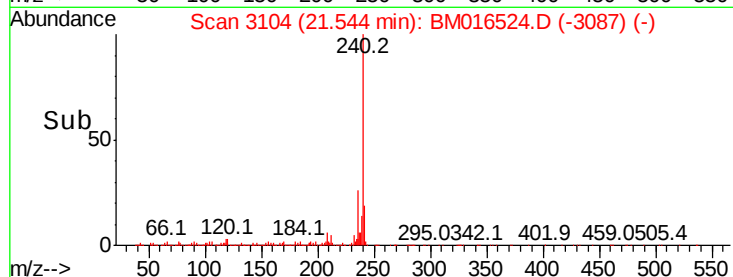
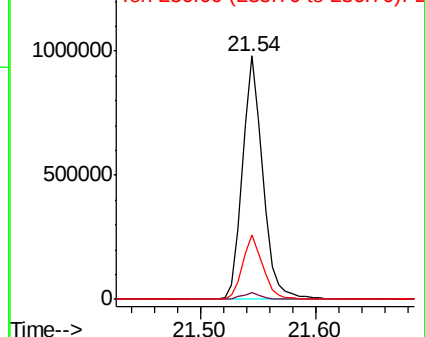


Abundance

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

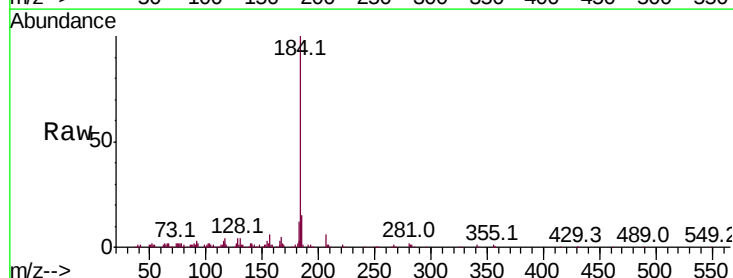
Delta R.T. 0.01 min

Lab File: BM016524.D

Acq: 22 Aug 2018 18:32

Tgt Ion:184 Resp: 383919

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.3	16.9
183	11.5	8.9	13.3

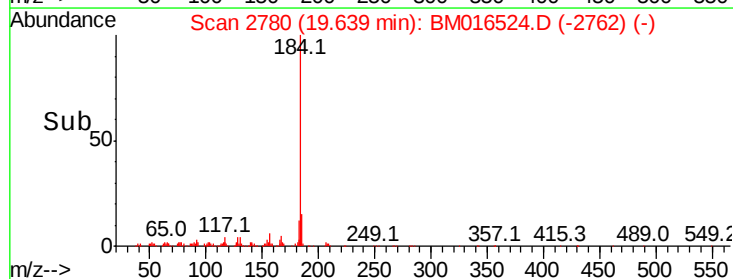
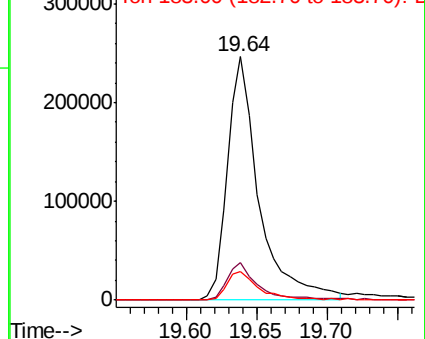


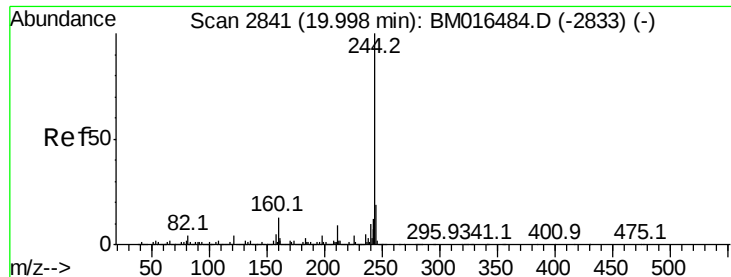
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

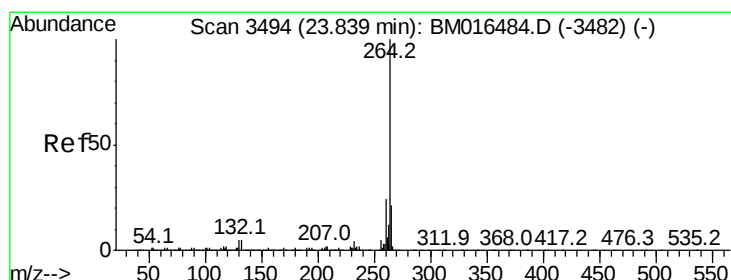
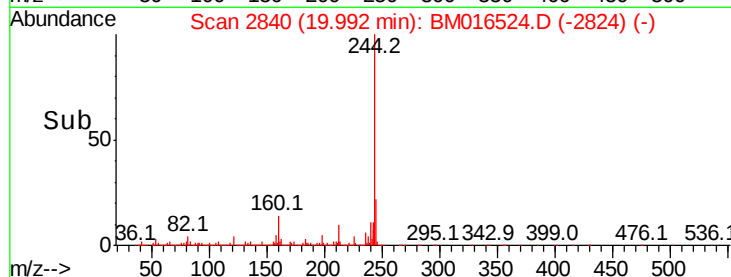
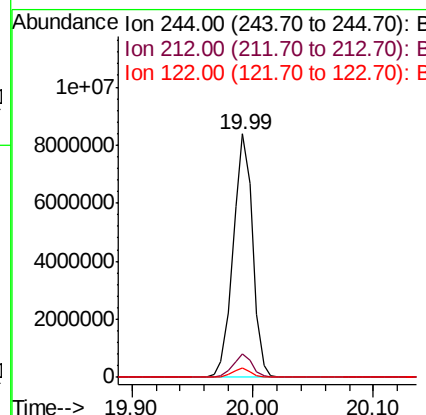
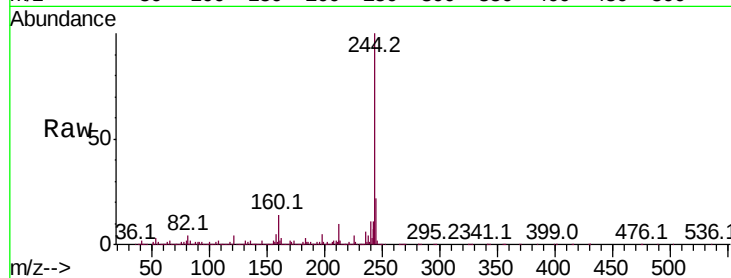




#78
 Terphenyl-d14
 Concen: Below na
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016524.D
 Acq: 22 Aug 2018 18:32

Instrument :
 BNA_M
 ClientSampleId :

Tot 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
 Perylene-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

Tgt Ion:264 Resp: 1355717
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 22.9 17.3 25.9

