

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016525.D
 Acq On : 22 Aug 2018 19:09
 Operator : SJ/JU
 Sample : J4561-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

Quant Time: Aug 23 03:39:29 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

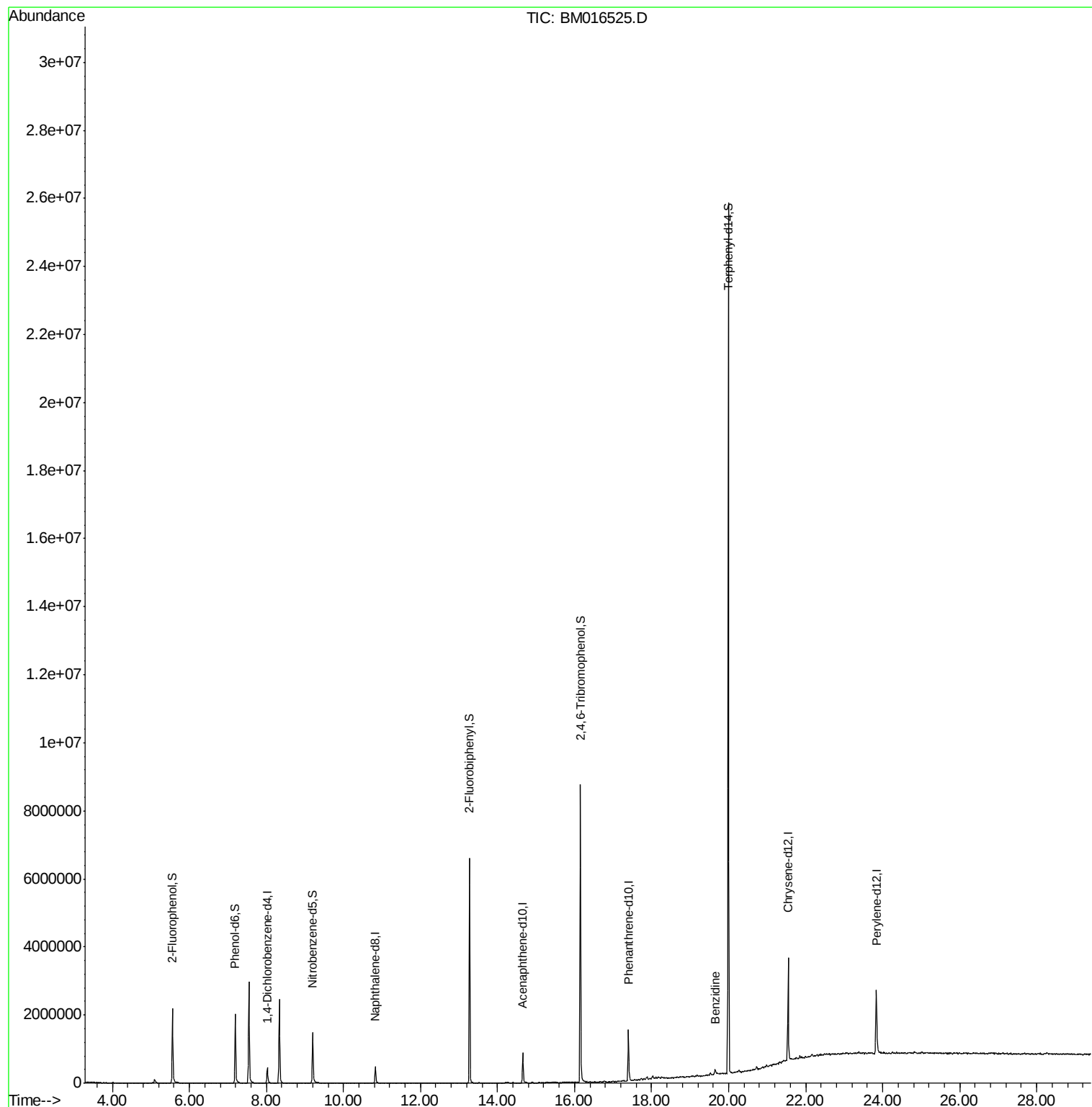
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	108441	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	334284	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	256023	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	923824	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1407757	20.00	ng	0.00
86) Perylene-d12	23.83	264	1491852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	746230	134.85	ng	0.00
7) Phenol-d6	7.19	99	816275	111.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	832135	113.66	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1515831	211.80	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3011107	113.05	ng	0.00
78) Terphenyl-d14	19.99	244	9885132	148.62	ng	0.00
Target Compounds						
76) Benzidine	19.64	184	129153	4.771	ng	Qvalue 95

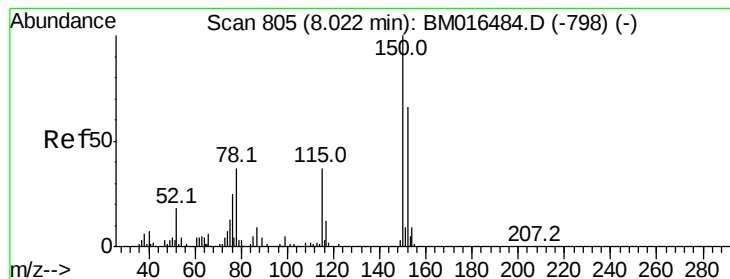
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016525.D

Acq: 22 Aug 2018 19:09

Instrument :

BNA_M

ClientSampleId :

H-R-P-T-WC-1-COMPOSITE

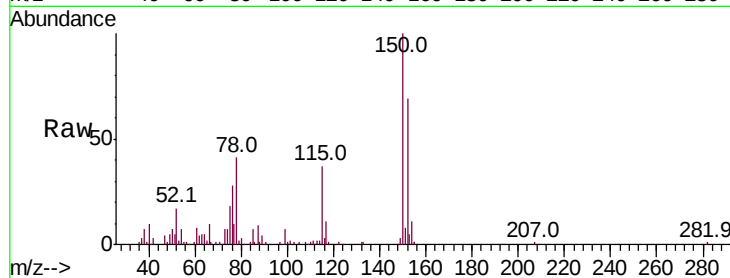
Tot Ion:152 Resp: 108441

Ion Ratio Lower Upper

152 100

150 145.2 119.5 179.3

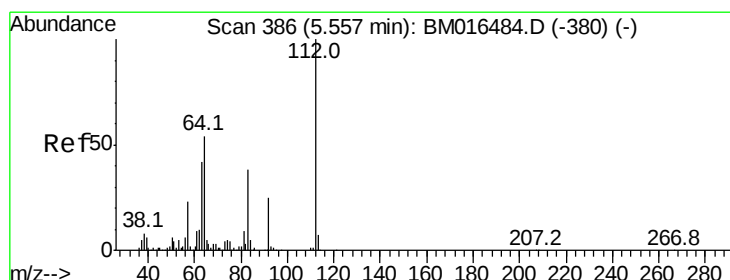
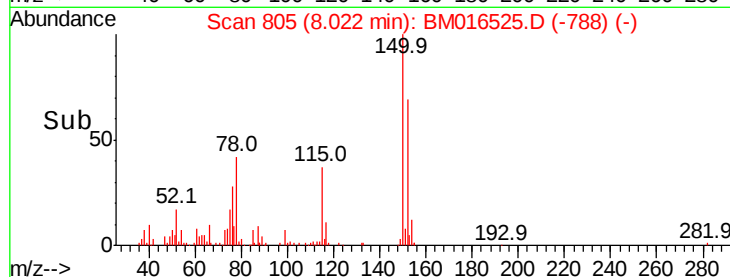
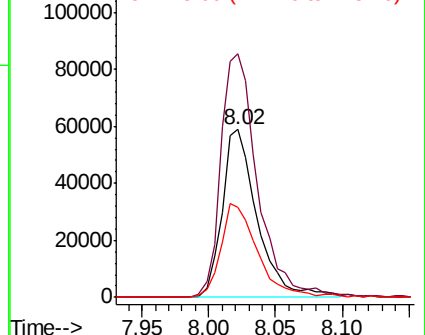
115 53.9 43.0 64.4



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: 134.848 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016525.D

Acq: 22 Aug 2018 19:09

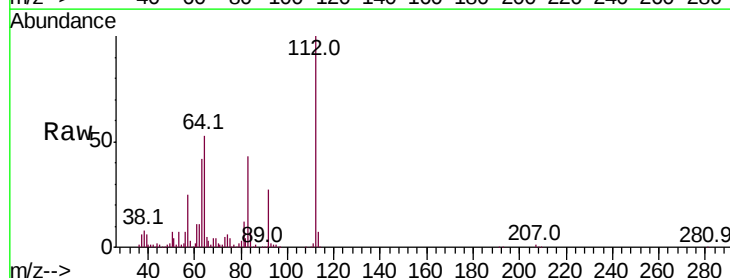
Tgt Ion:112 Resp: 746230

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

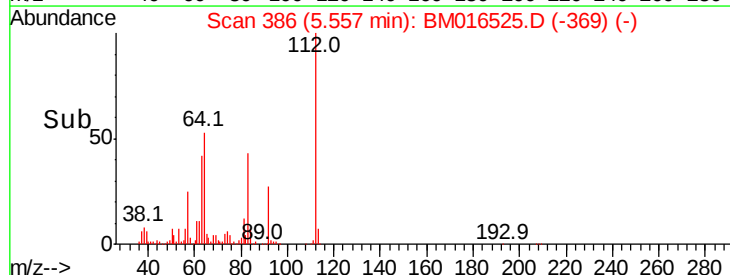
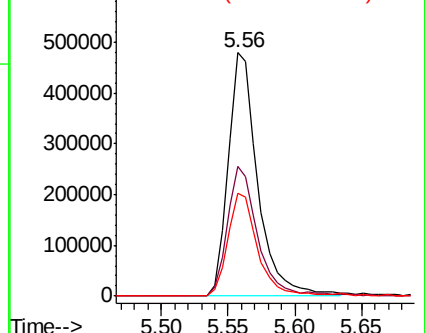
63 42.3 19.3 28.9#

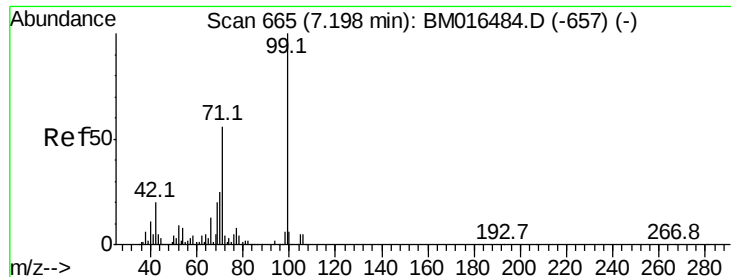


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 111.469 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016525.D

Acq: 22 Aug 2018 19:09

Instrument :

BNA_M

ClientSampleId :

H-R-P-T-WC-1-COMPOSITE

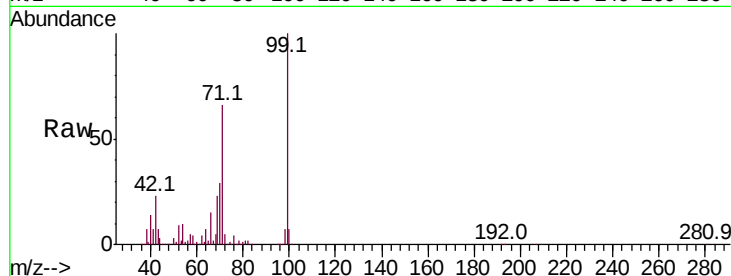
Tot Ion: 99 Resp: 816275

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

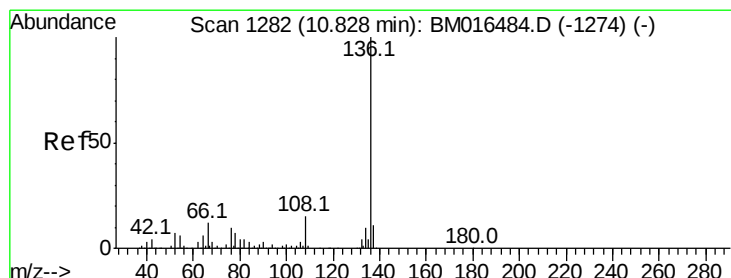
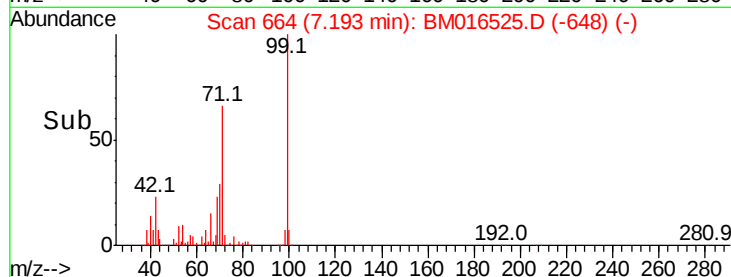
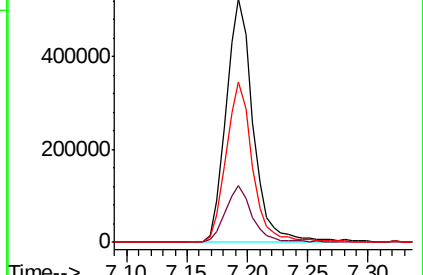
71 65.9 23.4 35.2#



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: BM016525.D

Acq: 22 Aug 2018 19:09

Tgt Ion: 136 Resp: 334284

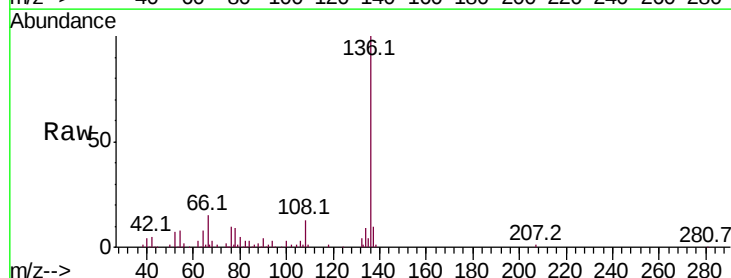
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 8.0 4.6 6.8#

68 2.8 3.7 5.5#

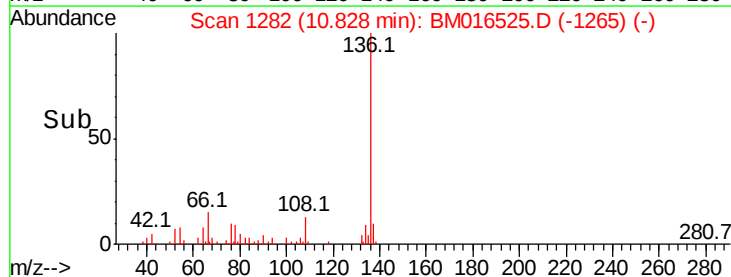
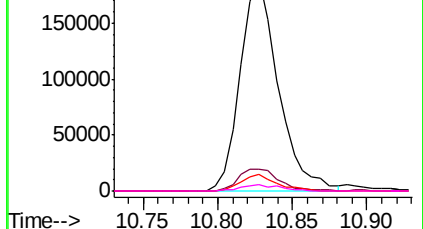


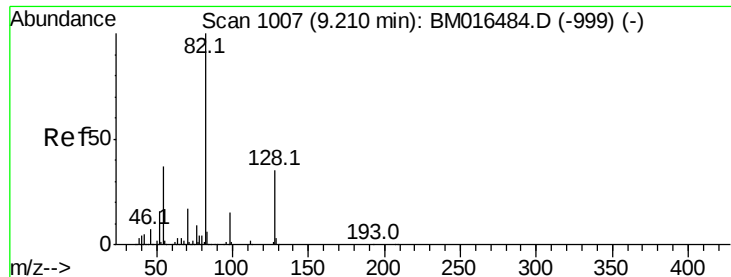
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

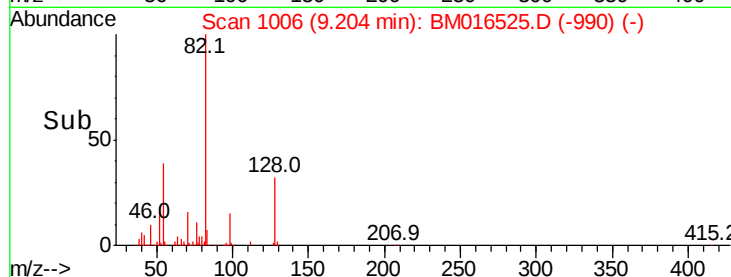
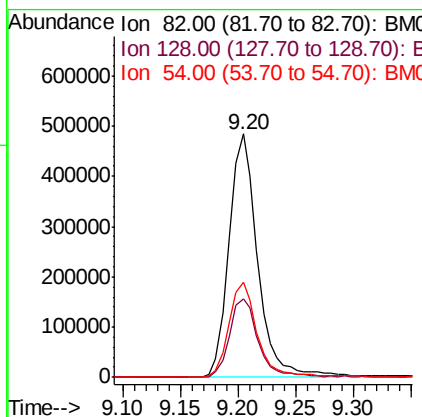
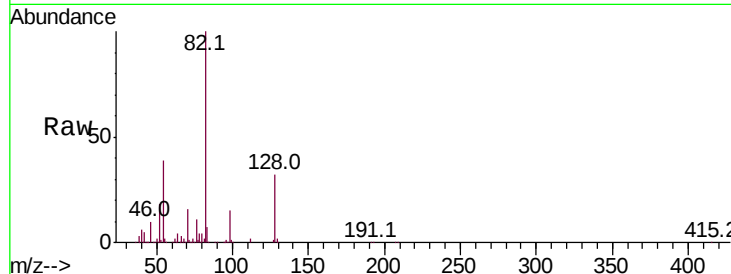




#23
Nitrobenzene-d5
Concen: 113.659 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

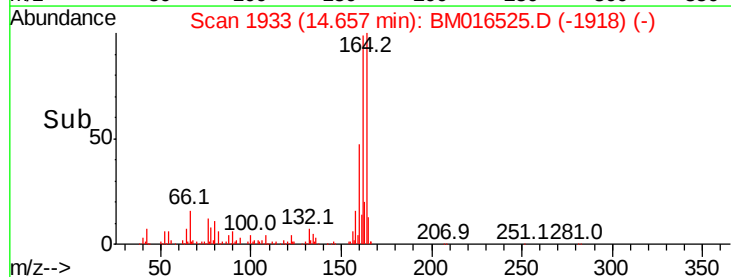
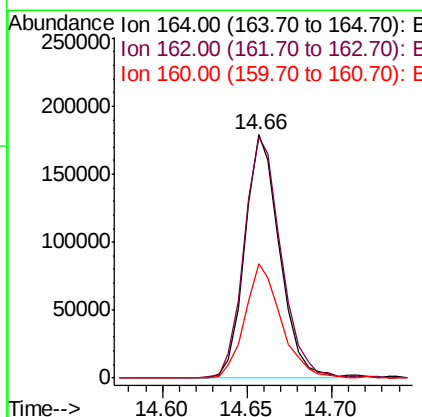
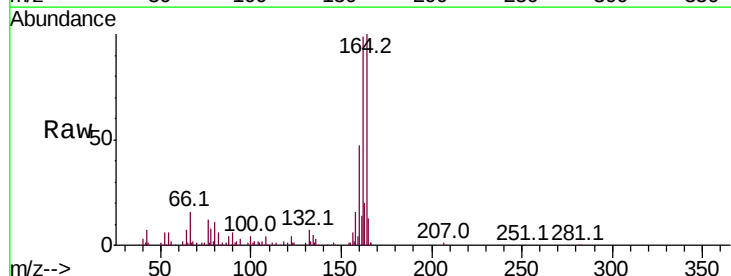
Instrument :
BNA_M
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

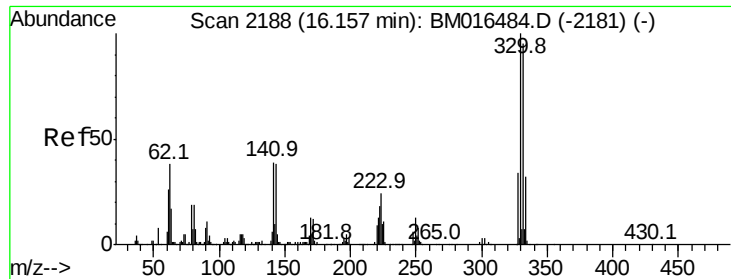
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	38.9	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	47.0	35.8	53.6

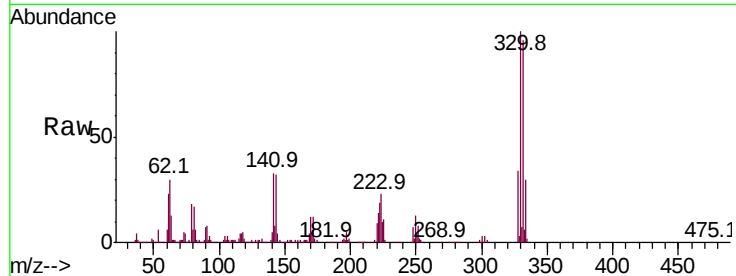




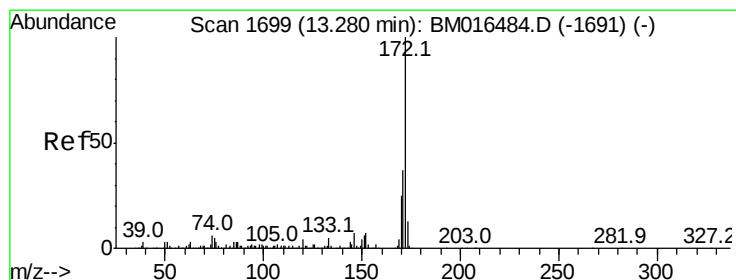
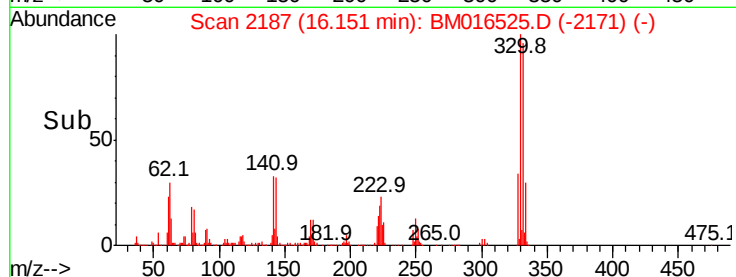
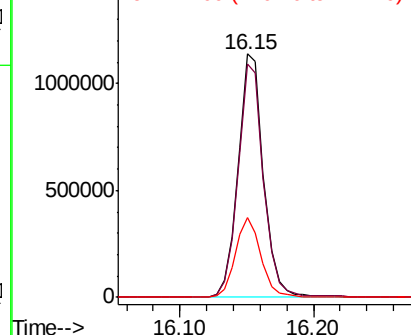
#41
 2,4,6-Tribromophenol
 Concen: 211.799 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016525.D
 Acq: 22 Aug 2018 19:09

Instrument :
 BNA_M
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

Tot Ion:330 Resp: 1515831
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 33.1 0.0 0.0#

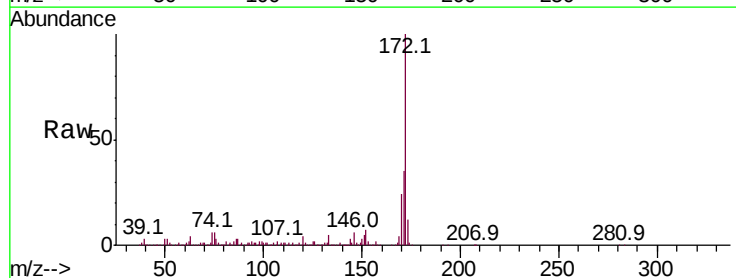


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

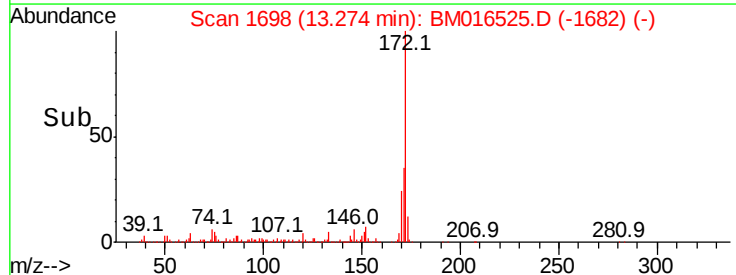
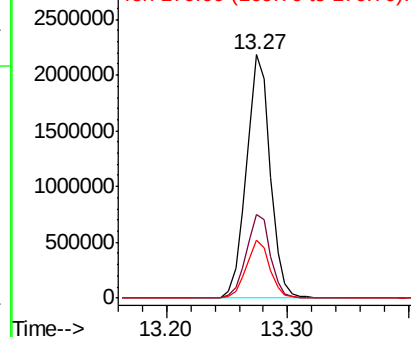


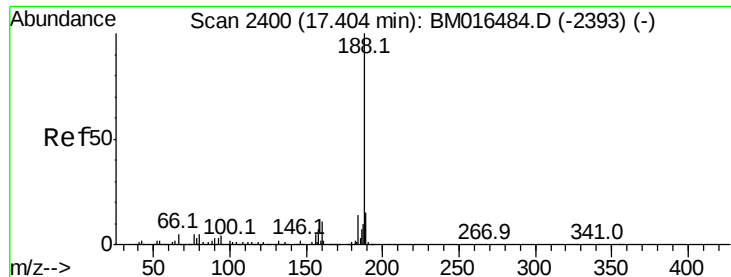
#44
 2-Fluorobiphenyl
 Concen: 113.050 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016525.D
 Acq: 22 Aug 2018 19:09

Tgt Ion:172 Resp: 3011107
 Ion Ratio Lower Upper
 172 100
 171 34.5 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

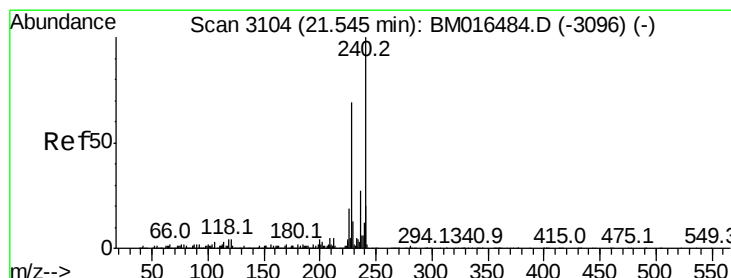
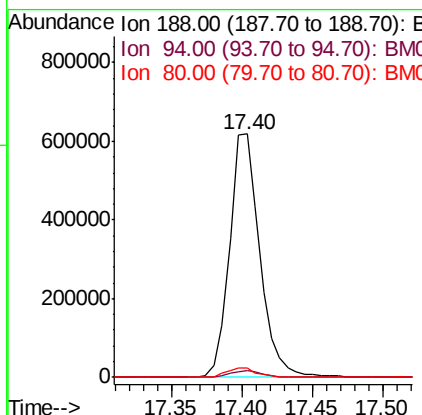
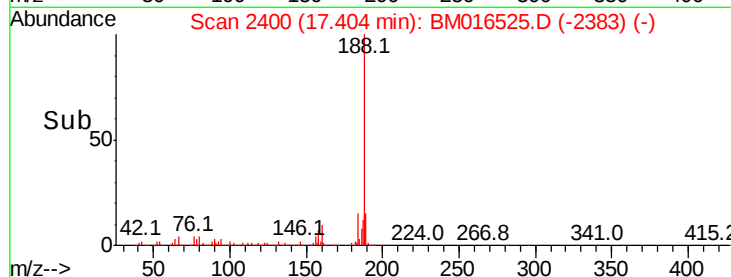
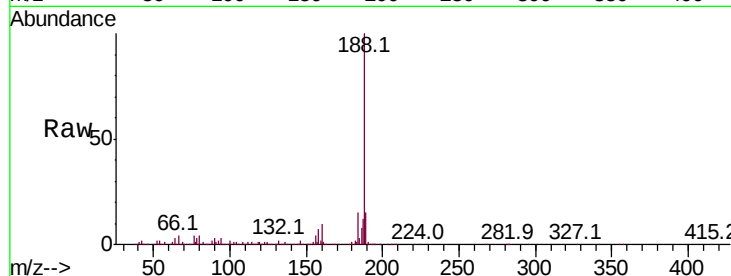




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

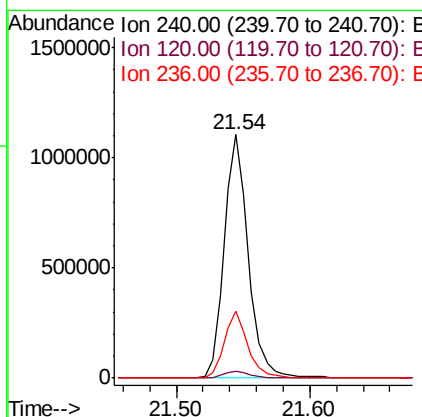
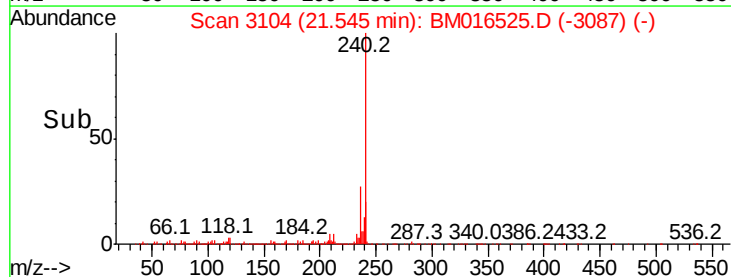
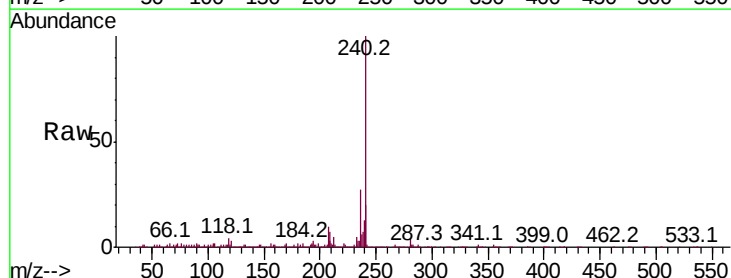
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H-R-P-T-WC-1-COMPOSITE

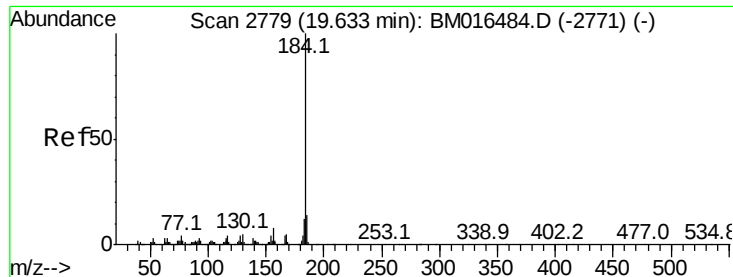
Tot Ion:188 Resp: 923824
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:240 Resp: 1407757
Ion Ratio Lower Upper
240 100
120 3.0 8.2 12.2#
236 27.3 20.0 30.0





#76

Benzidine

Concen: 4.771 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016525.D

Acq: 22 Aug 2018 19:09

Instrument :

BNA_M

ClientSampleId :

H-R-P-T-WC-1-COMPOSITE

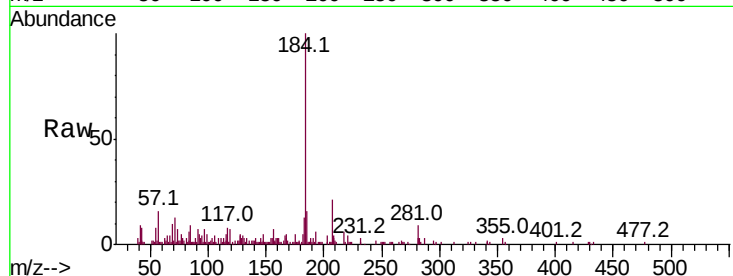
Tot Ion:184 Resp: 129153

Ion Ratio Lower Upper

184 100

185 16.3 11.3 16.9

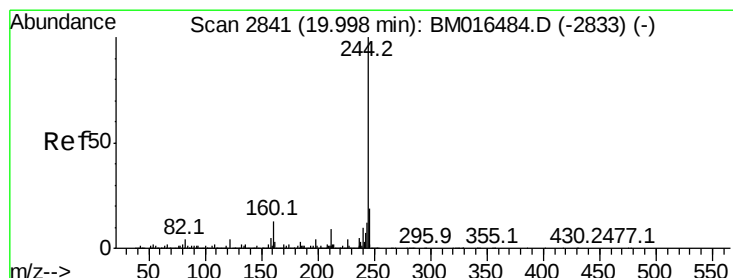
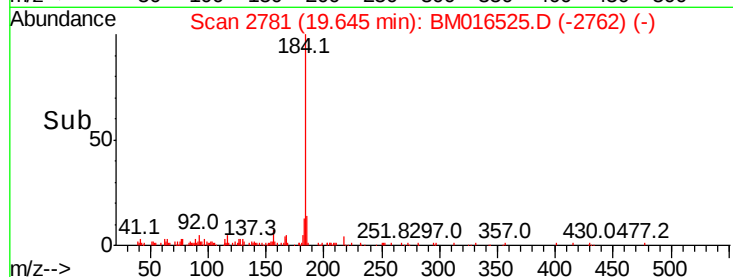
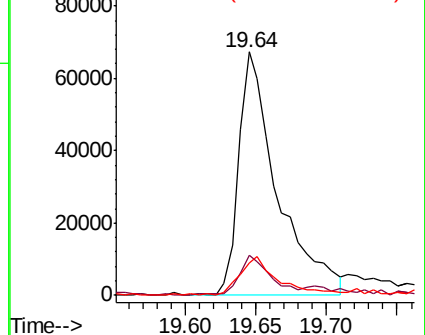
183 13.2 8.9 13.3



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: 148.623 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016525.D

Acq: 22 Aug 2018 19:09

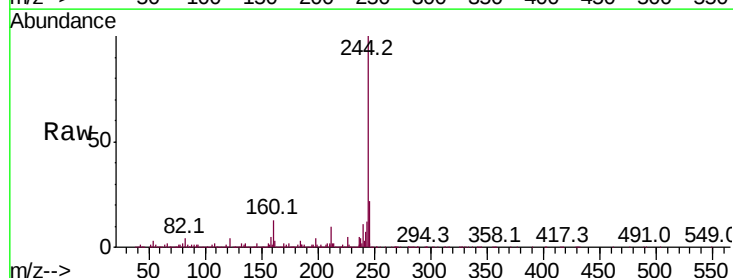
Tgt Ion:244 Resp: 9885132

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

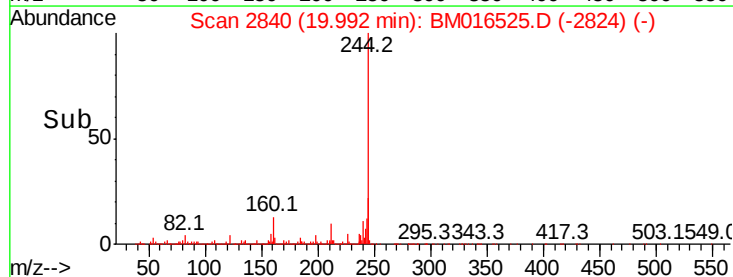
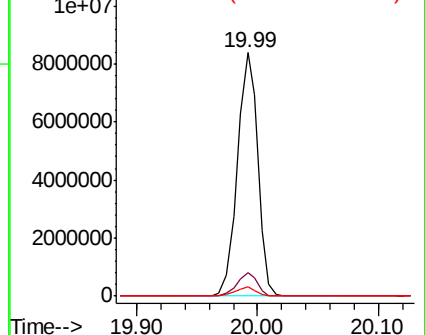
122 3.8 6.2 9.4#

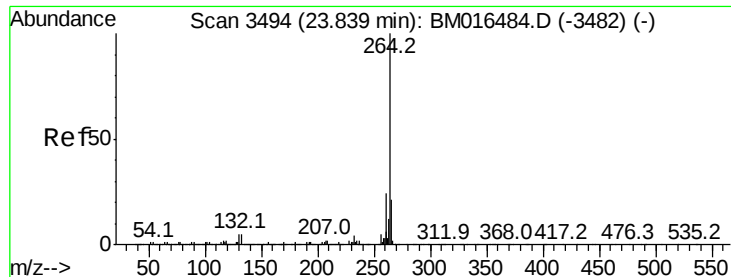


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

Tot Ion:264 Resp: 1491852

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	22.7	17.3	25.9

