

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016515.D
 Acq On : 22 Aug 2018 11:36
 Operator : SJ/JU
 Sample : J4275-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 13:21:46 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

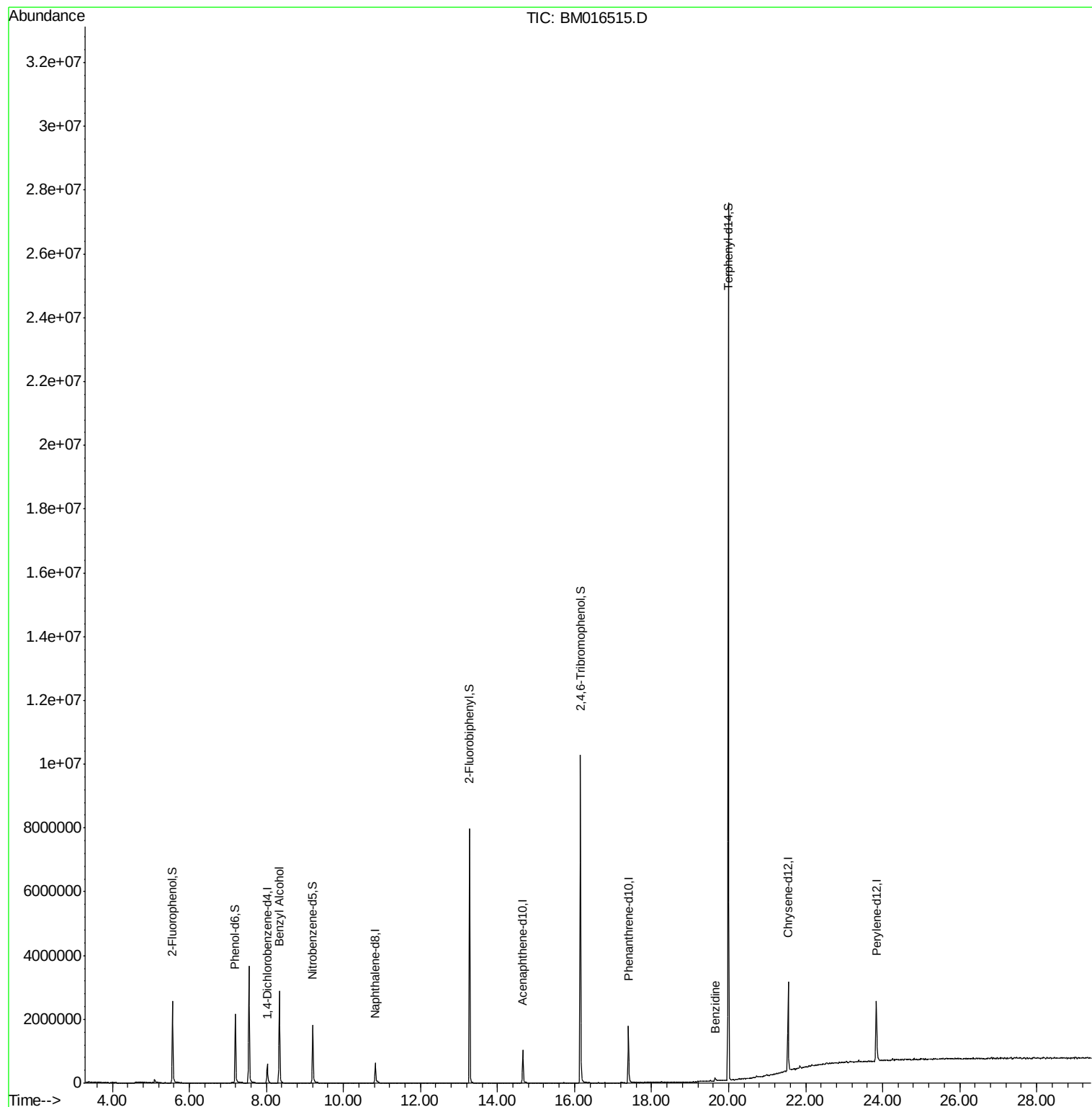
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	136187	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	417707	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	311849	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1064955	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1336409	20.00	ng	0.00
86) Perylene-d12	23.83	264	1485211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	839144	120.74	ng	0.00
7) Phenol-d6	7.19	99	888716	96.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	1008839	110.27	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1786602	204.94	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3634422	112.03	ng	0.00
78) Terphenyl-d14	19.99	244	9636923	152.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	20766	2.432	ng	Qvalue # 1
76) Benzidine	19.64	184	87448	3.403	ng	98

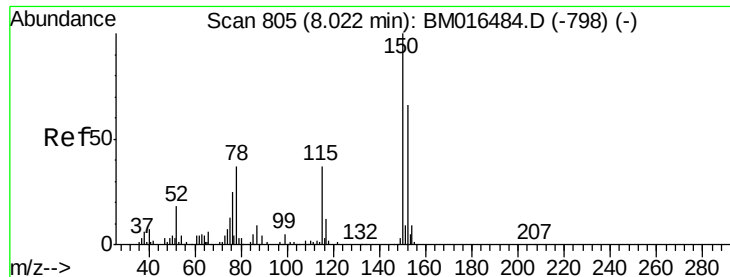
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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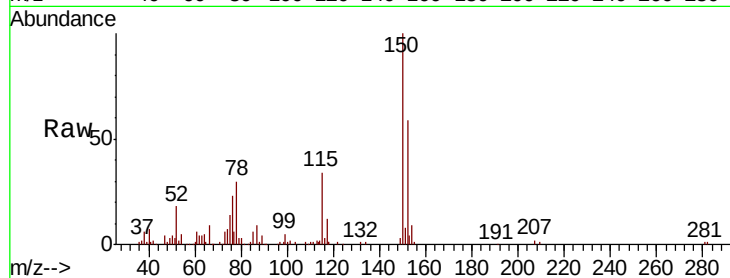


#1

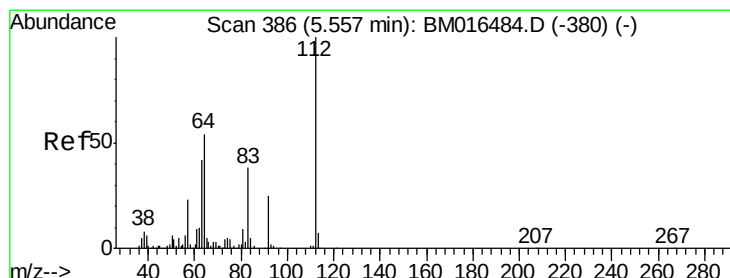
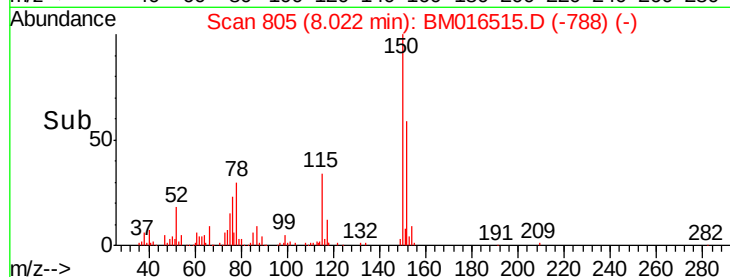
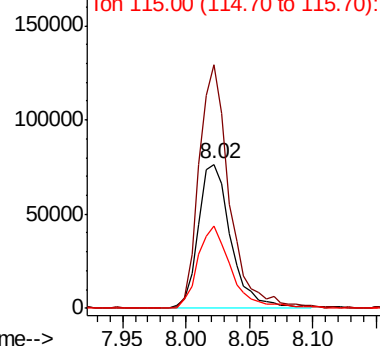
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.6	119.5	179.3
115	57.4	43.0	64.4



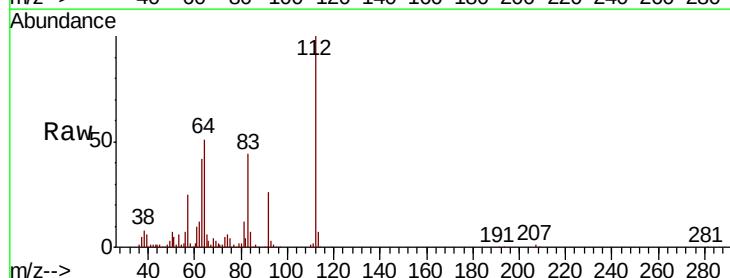
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



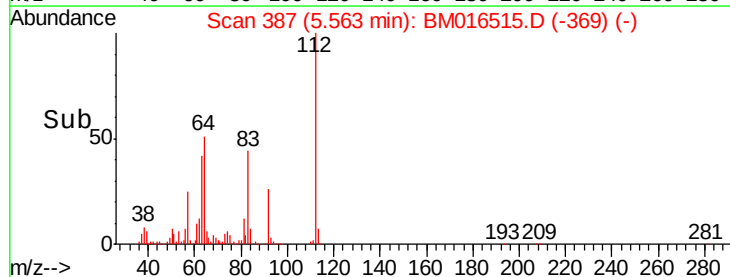
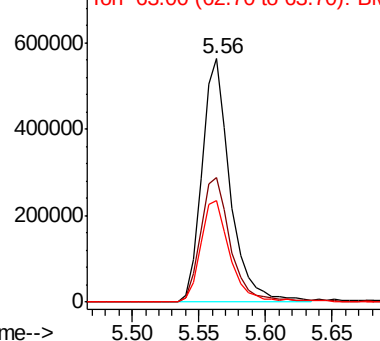
#5

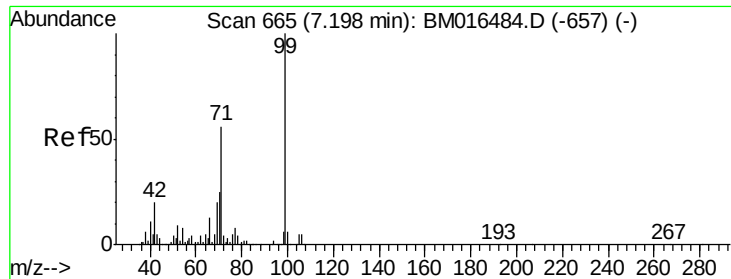
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	38.6	57.8
63	41.9	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: BM016515.D

Acq: 22 Aug 2018 11:36

Instrument :

BNA_M

ClientSampleId :

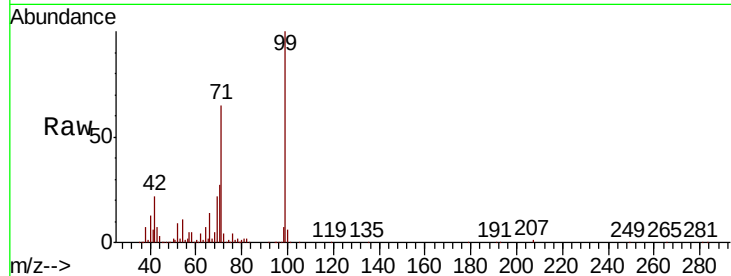
Tot Ion: 99 Resp: 888716

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 65.3 23.4 35.2#

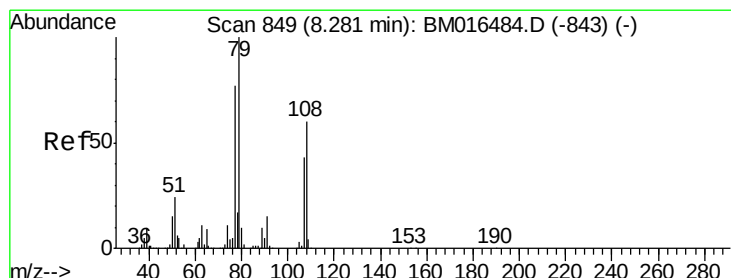
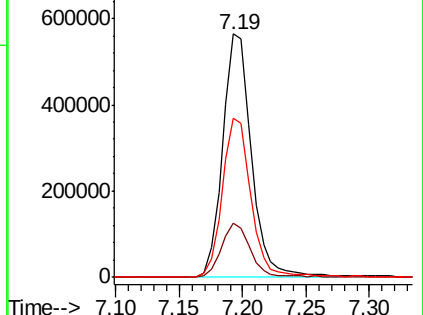
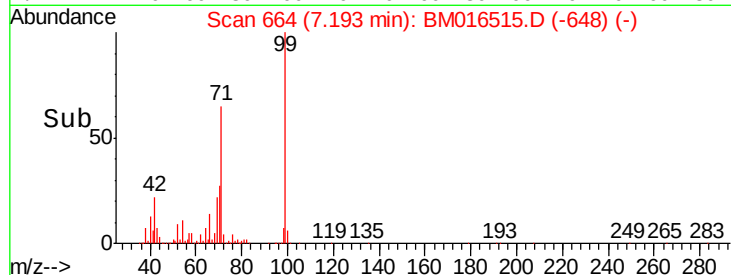


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

Time-->



#15

Benzyl Alcohol

Concen: 2.432 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016515.D

Acq: 22 Aug 2018 11:36

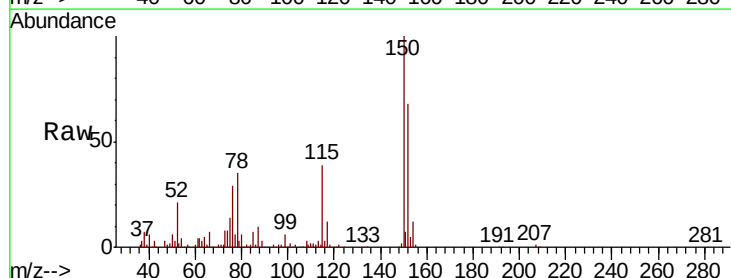
Tgt Ion: 79 Resp: 20766

Ion Ratio Lower Upper

79 100

108 103.5 65.0 97.4#

77 219.1 53.0 79.6#

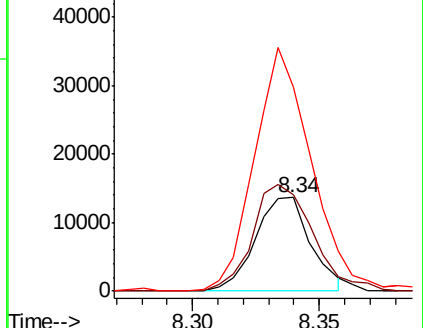
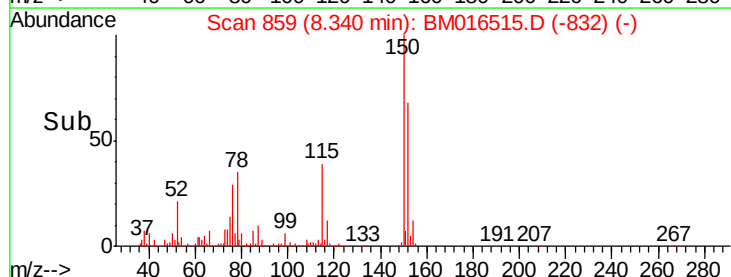


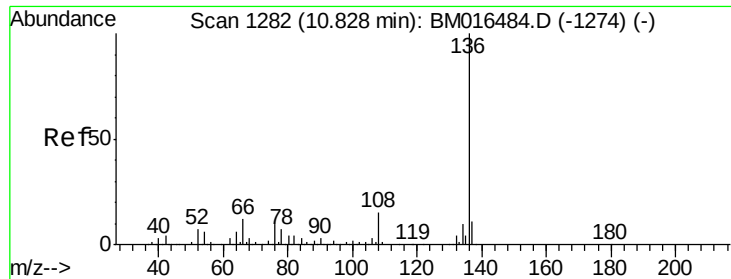
Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

Time-->

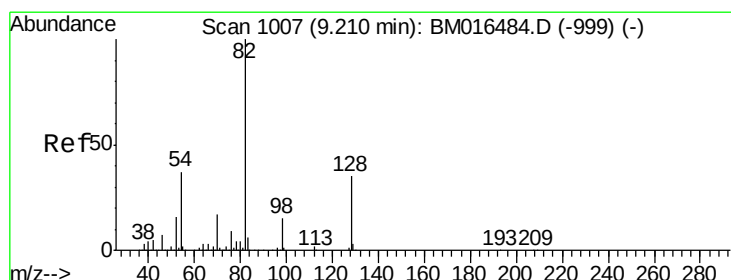
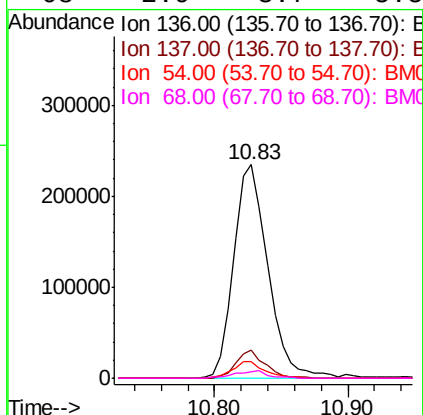
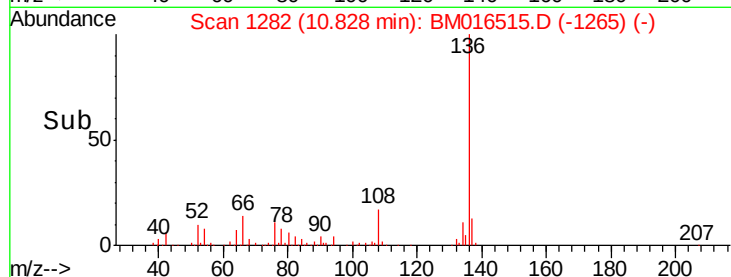
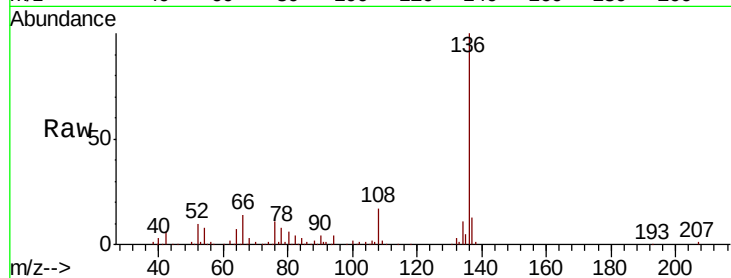




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

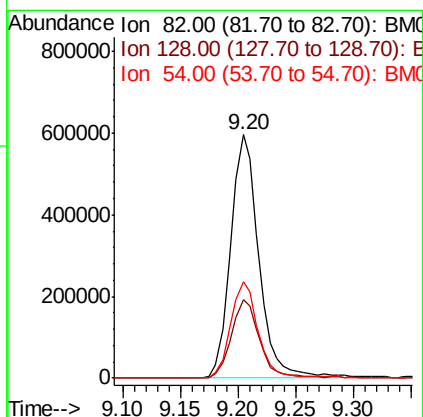
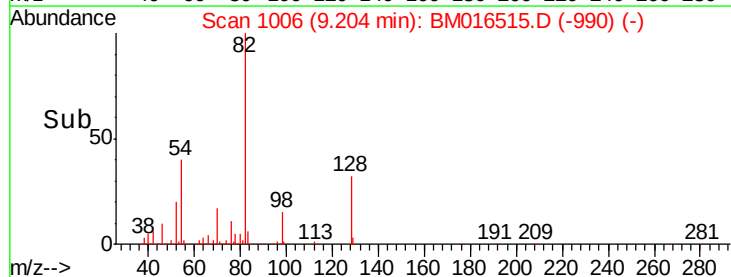
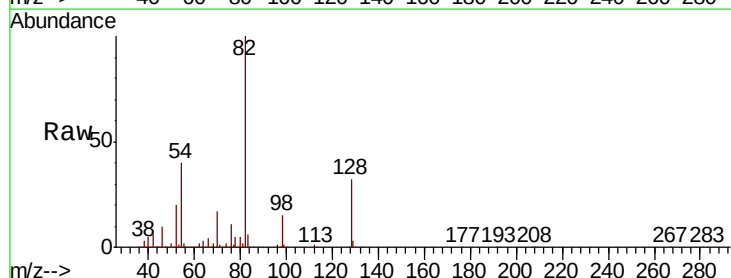
Instrument :
BNA_M
ClientSampleId :

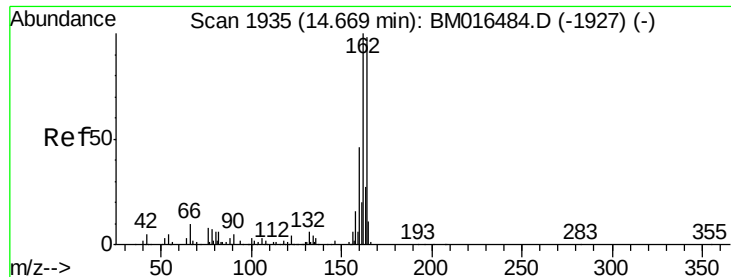
Tot Ion:136	Resp:	417707
Ion	Ratio	Lower Upper
136	100	
137	13.2	8.7 13.1#
54	8.1	4.6 6.8#
68	2.9	3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion: 82	Resp:	1008839
Ion	Ratio	Lower Upper
82	100	
128	32.2	32.8 49.2#
54	39.7	40.6 60.8#

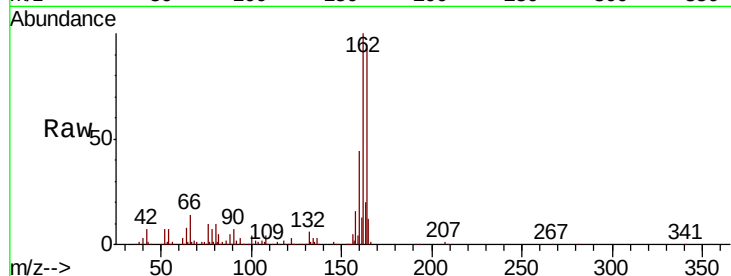




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.4	123.6
160	46.9	35.8	53.6

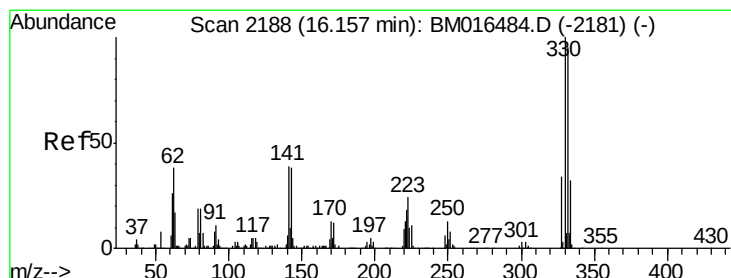
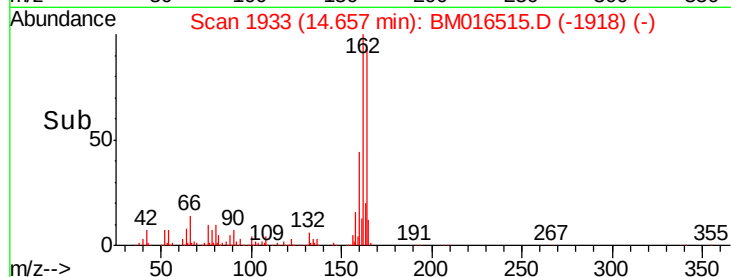
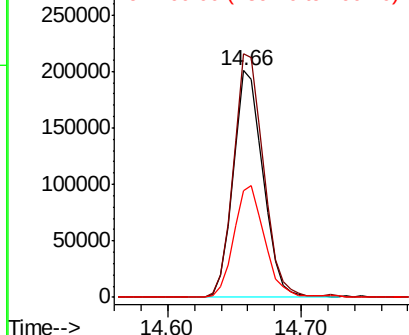


Abundance

Ion 164.00 (163.70 to 164.70): E

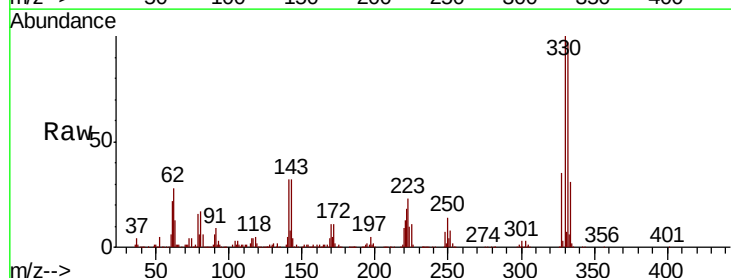
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	32.2	0.0	0.0#

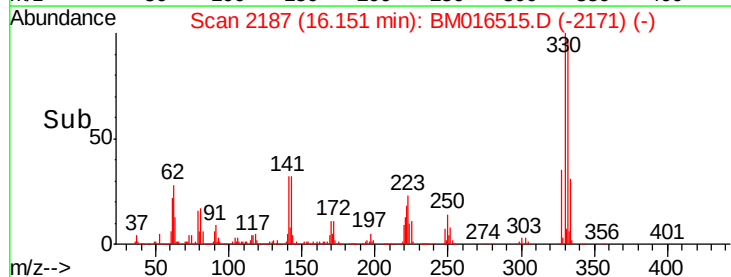
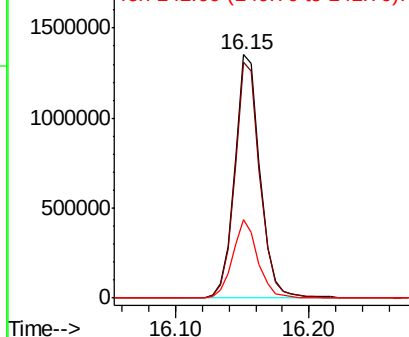


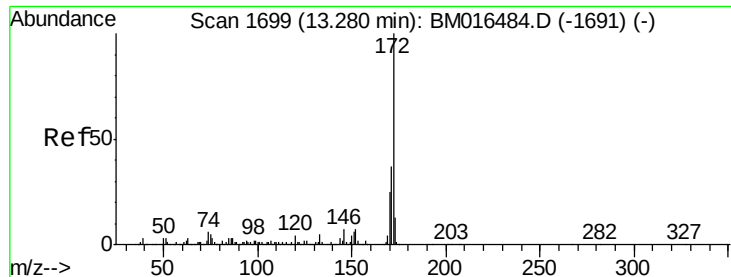
Abundance

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

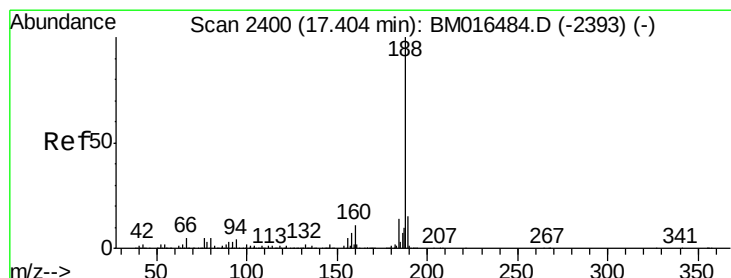
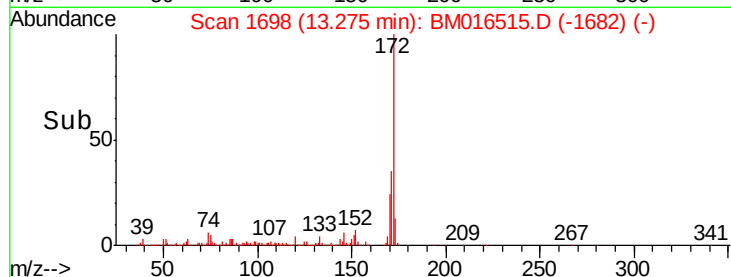
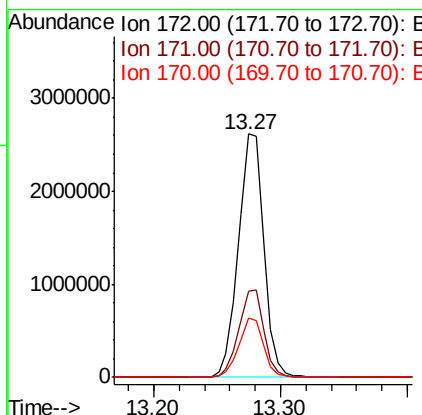
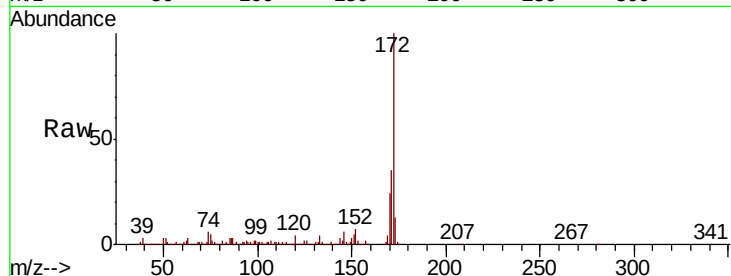




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

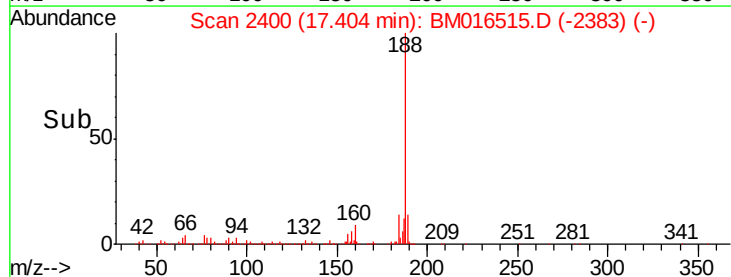
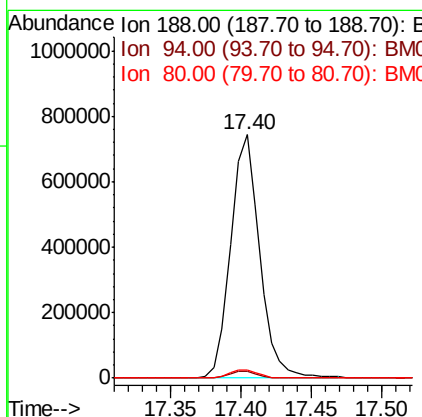
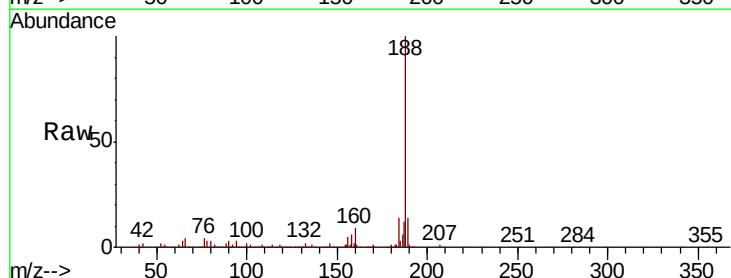
Instrument :
BNA_M
ClientSampleId :

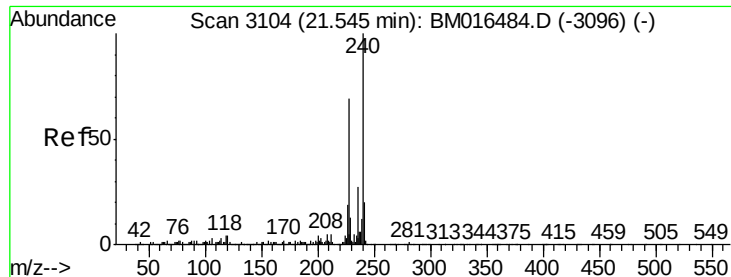
Tot Ion:172 Resp: 3634422
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion:188 Resp: 1064955
Ion Ratio Lower Upper
188 100
94 2.7 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: BM016515.D

Acq: 22 Aug 2018 11:36

Instrument :

BNA_M

ClientSampleId :

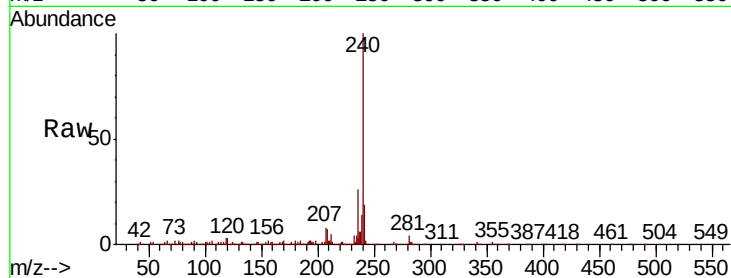
Tot Ion:240 Resp: 1336409

Ion Ratio Lower Upper

240 100

120 2.6 8.2 12.2#

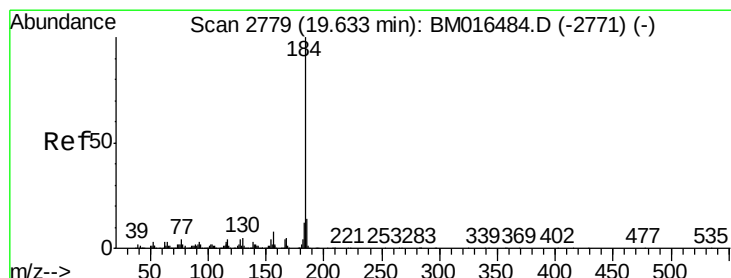
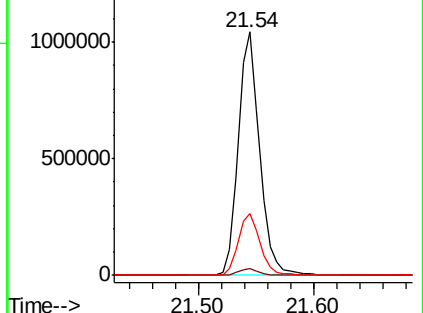
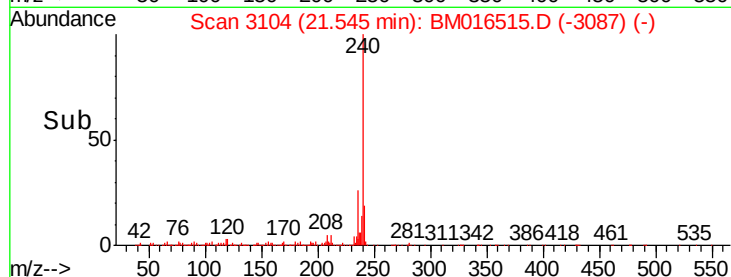
236 25.5 20.0 30.0



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: 3.403 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016515.D

Acq: 22 Aug 2018 11:36

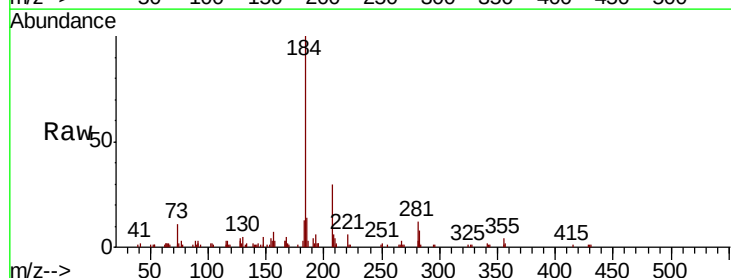
Tgt Ion:184 Resp: 87448

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

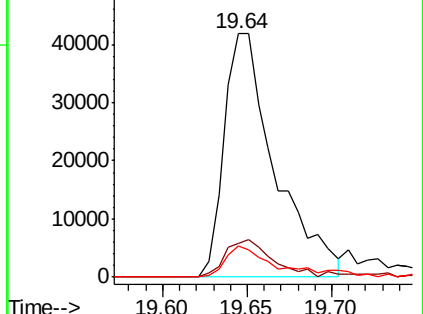
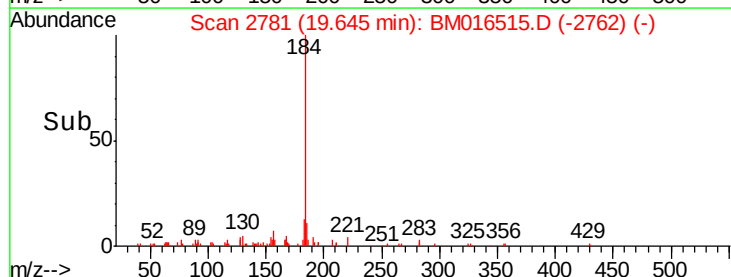
183 12.8 8.9 13.3

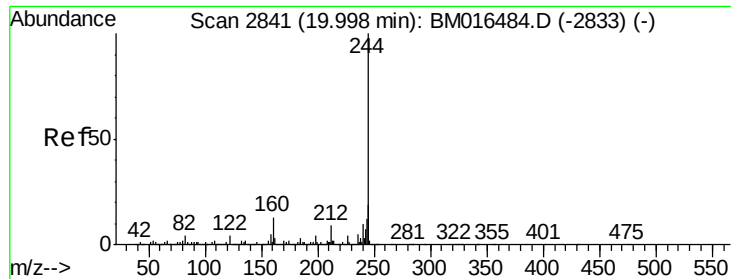


Abundance Ion 184.00 (183.70 to 184.70): E

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: BM016515.D

Acq: 22 Aug 2018 11:36

Instrument :

BNA_M

ClientSampleId :

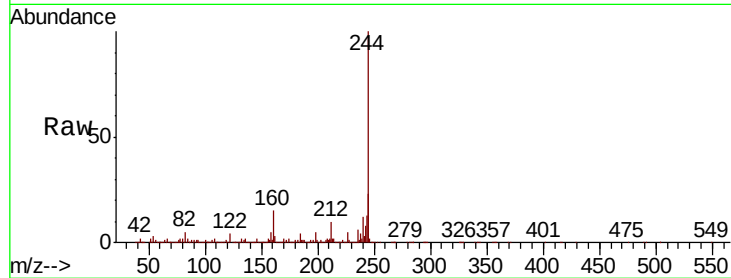
Tot Ion:244 Resp: 9636923

Ion Ratio Lower Upper

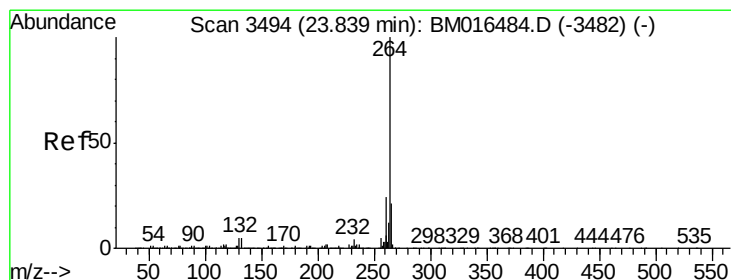
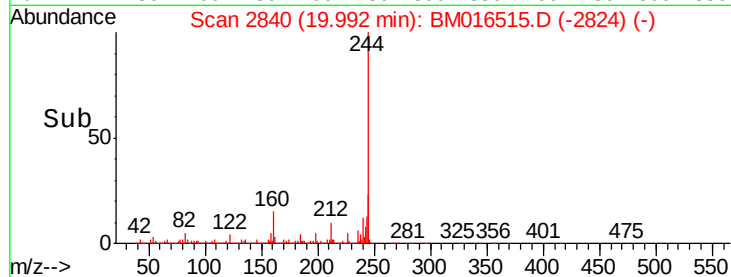
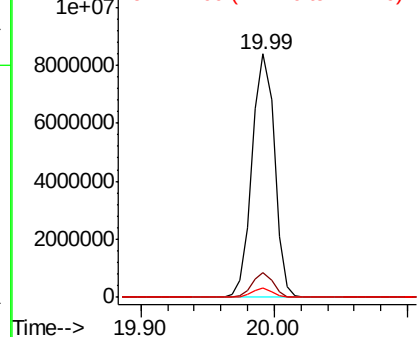
244 100

212 10.4 4.9 7.3#

122 3.9 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: BM016515.D

Acq: 22 Aug 2018 11:36

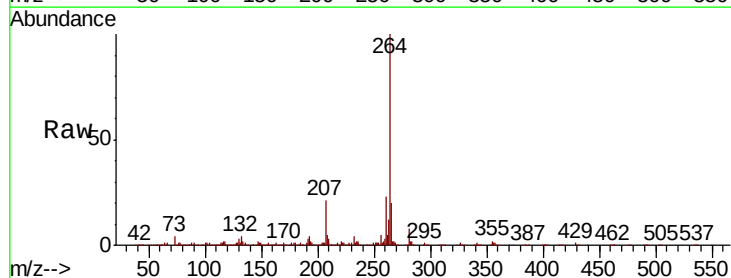
Tgt Ion:264 Resp: 1485211

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 20.0 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

