

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016584.D
 Acq On : 24 Aug 2018 12:39
 Operator : SJ/JU
 Sample : J4556-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20180534-AMENDED-COMPOSITE-(

Quant Time: Aug 24 23:05:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

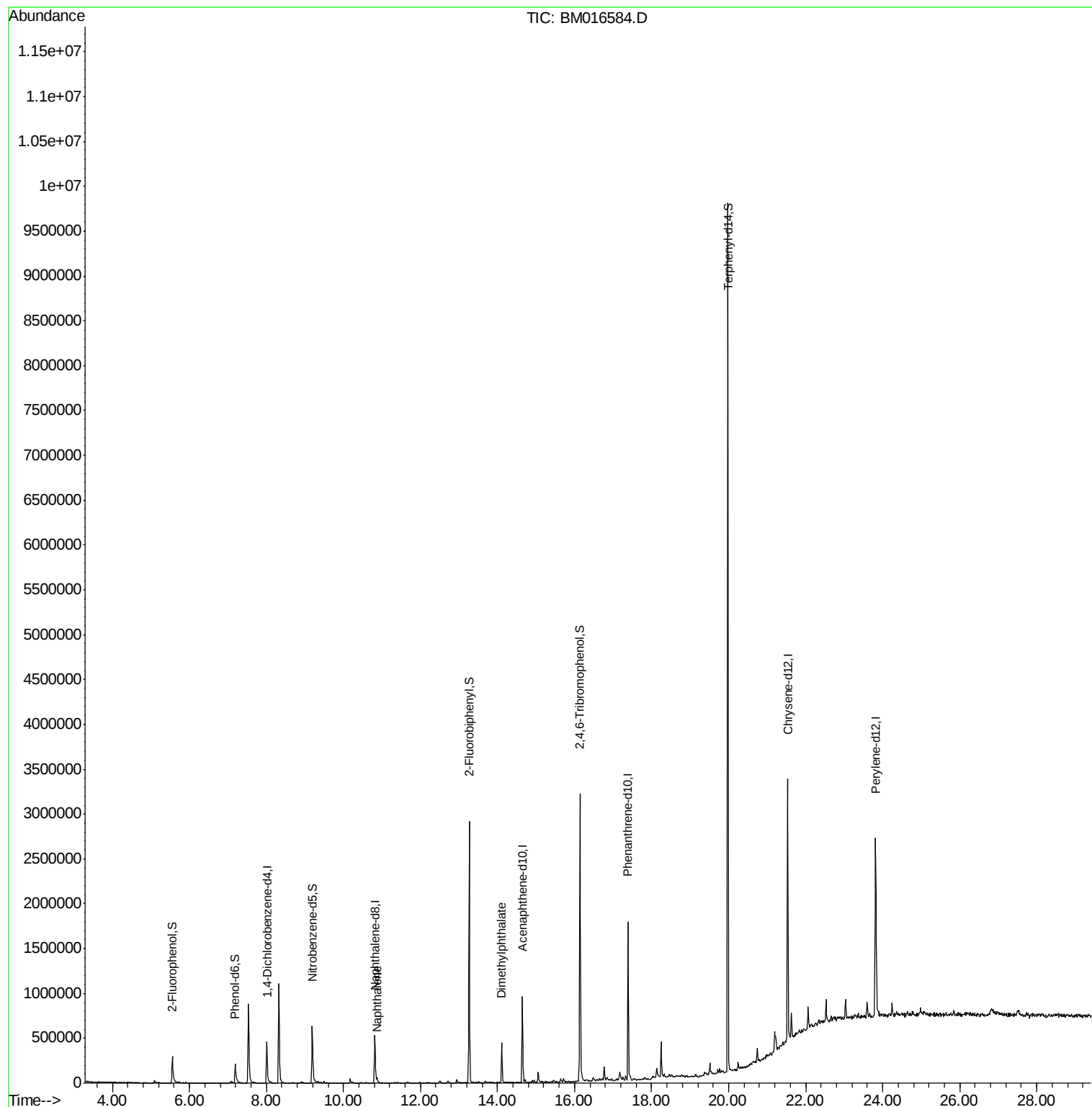
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	98296	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	359398	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	273978	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1001384	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1362267	20.00	ng	0.00
86) Perylene-d12	23.81	264	1555603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	129166	25.75	ng	0.00
7) Phenol-d6	7.19	99	97156	14.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	398195	50.59	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	551523	72.01	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1276785	44.79	ng	0.00
78) Terphenyl-d14	19.98	244	3666202	56.96	ng	0.00
Target Compounds						
31) Naphthalene	10.87	128	43157	2.520	ng	98
49) Dimethylphthalate	14.11	163	257506	9.783	ng	# 95

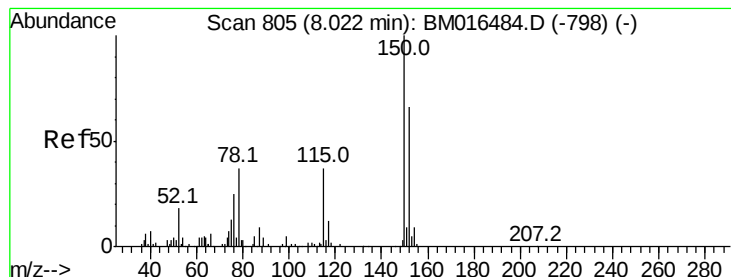
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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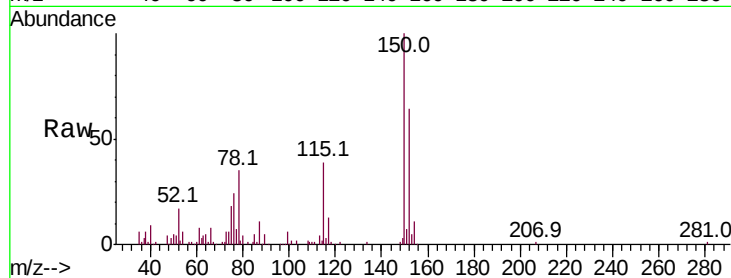


#1

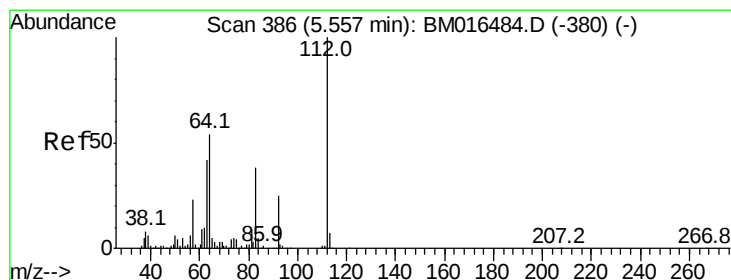
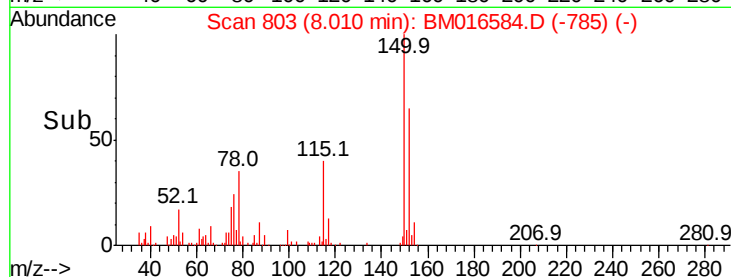
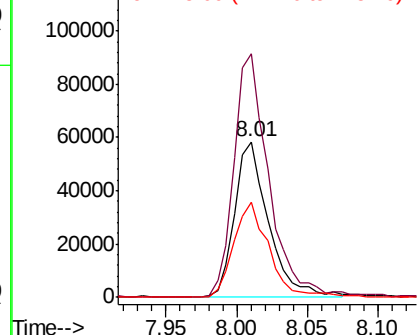
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Instrument :
BNA_M
ClientSampleId :
20180534-AMENDED-COMPOSITE-(-)

Tot Ion:152 Resp: 98296
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 61.3 43.0 64.4



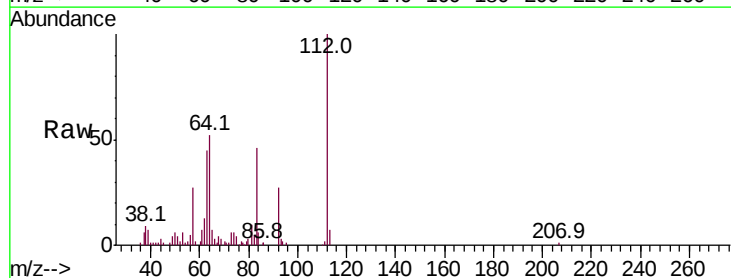
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



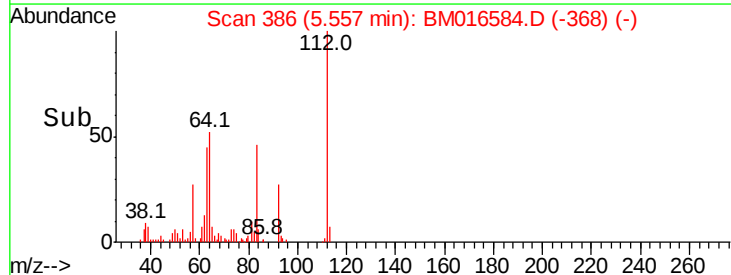
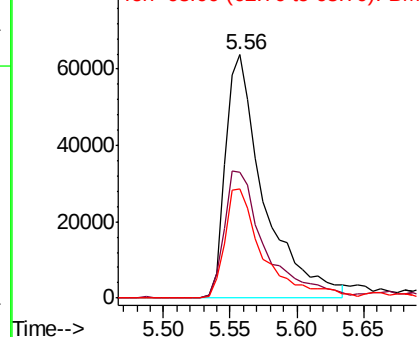
#5

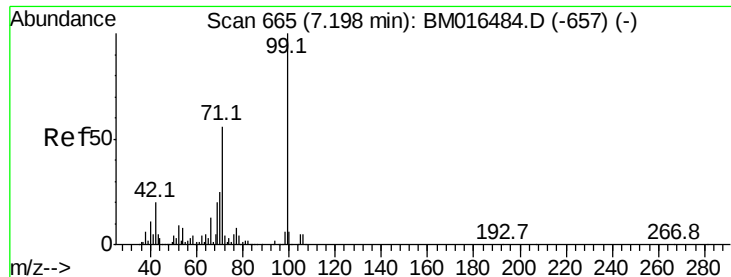
2-Fluorophenol
Concen: 25.750 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Tgt Ion:112 Resp: 129166
Ion Ratio Lower Upper
112 100
64 51.9 38.6 57.8
63 45.0 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: 14.637 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016584.D

Acq: 24 Aug 2018 12:39

Instrument :

BNA_M

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-

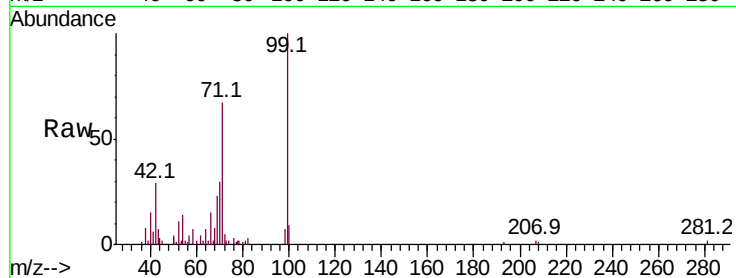
Tot Ion: 99 Resp: 97156

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

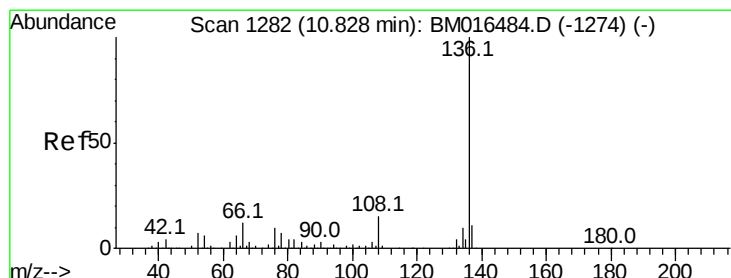
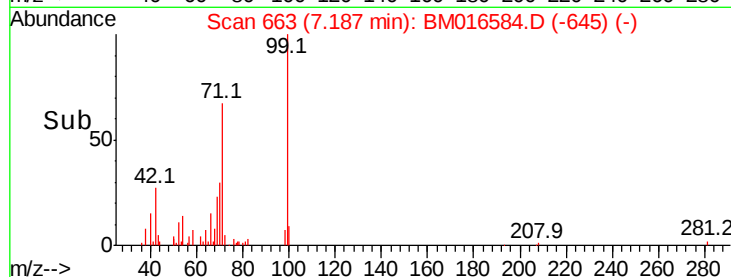
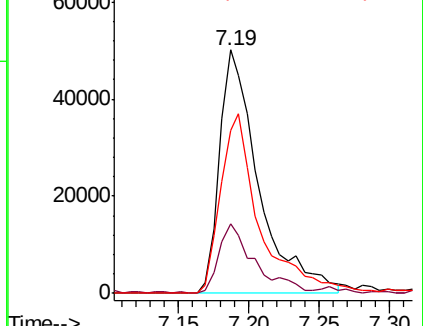
71 67.0 23.4 35.2#



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: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016584.D

Acq: 24 Aug 2018 12:39

Tgt Ion: 136 Resp: 359398

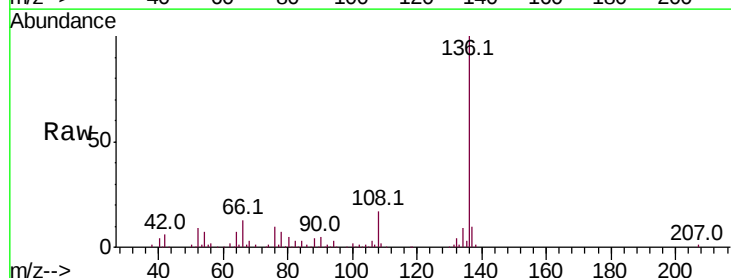
Ion Ratio Lower Upper

136 100

137 9.6 8.7 13.1

54 6.7 4.6 6.8

68 3.3 3.7 5.5#

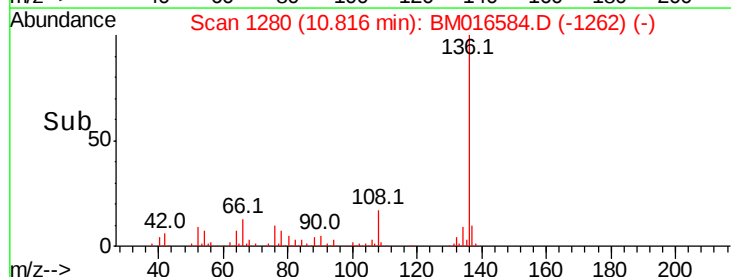
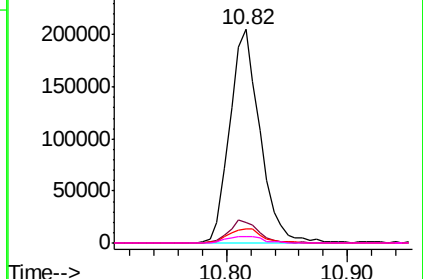


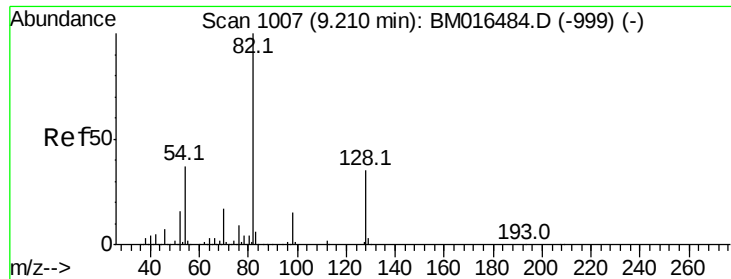
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

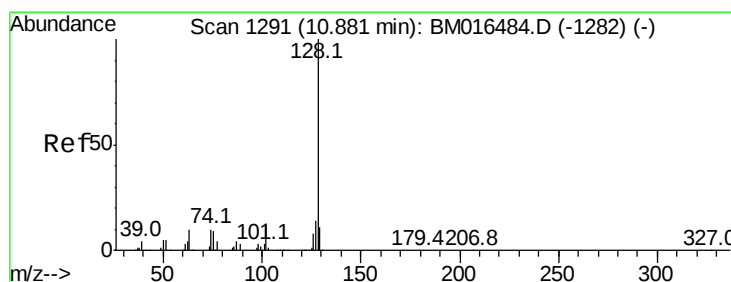
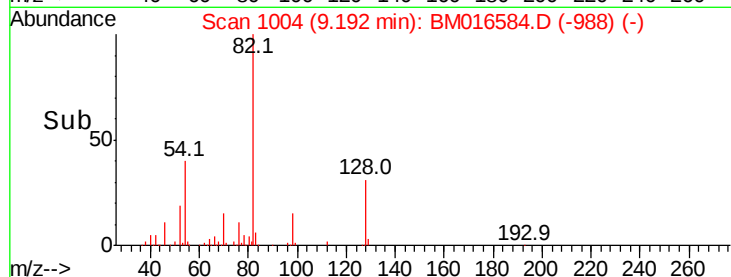
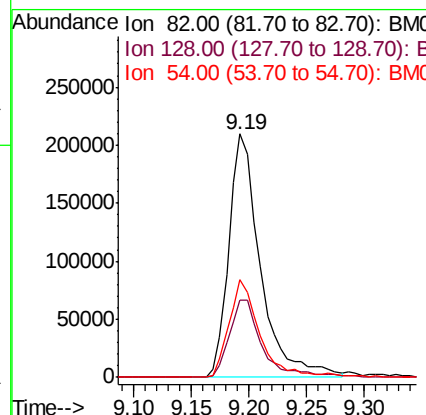
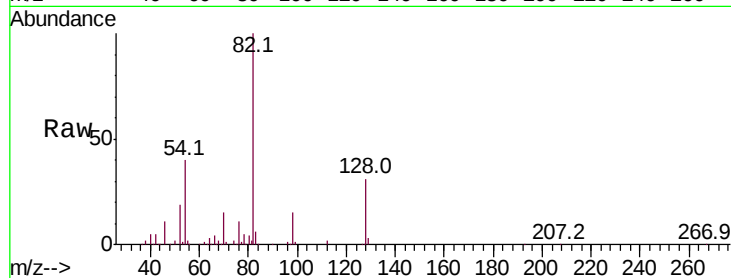




#23
Nitrobenzene-d5
Concen: 50.588 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

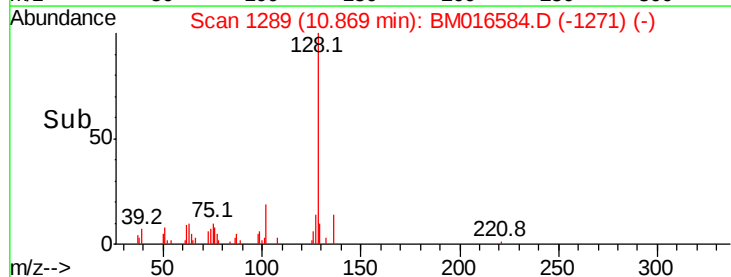
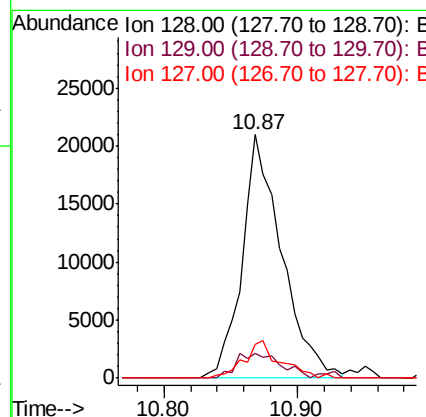
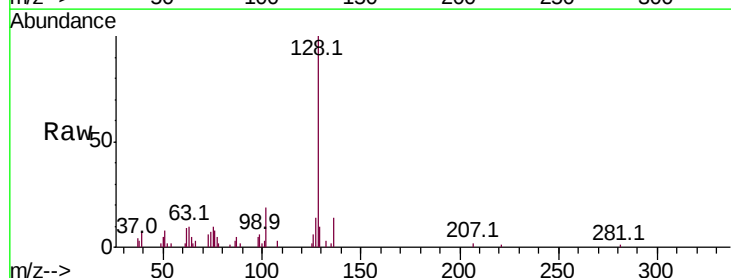
Instrument :
BNA_M
ClientSampleId :
20180534-AMENDED-COMPOSITE-(-)

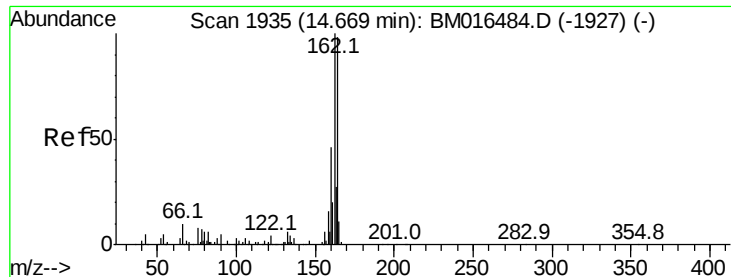
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.5	32.8	49.2#
54	40.4	40.6	60.8#



#31
Naphthalene
Concen: 2.520 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	13.7	10.4	15.6

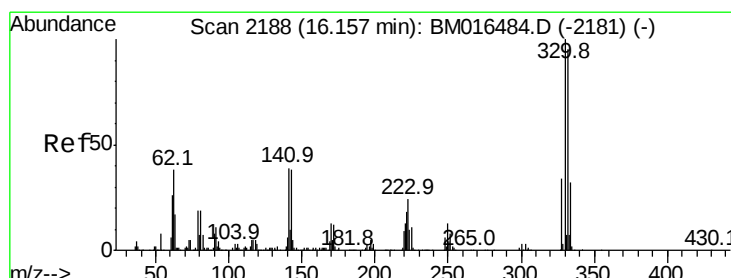
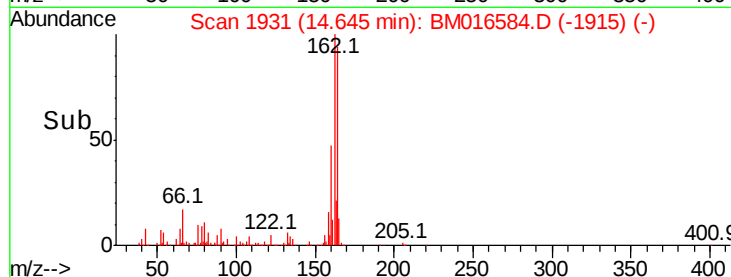
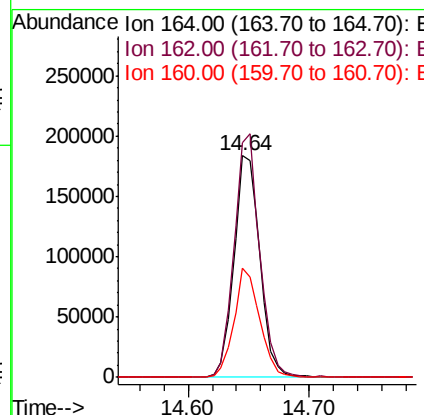
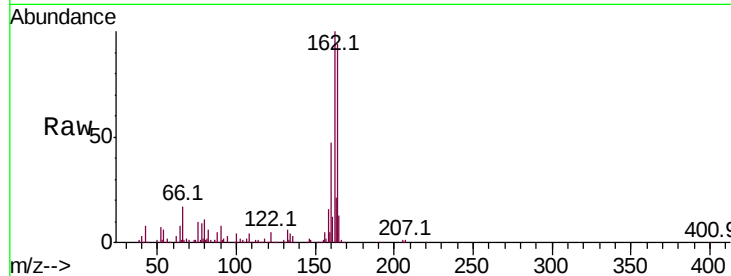




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM016584.D
 Acq: 24 Aug 2018 12:39

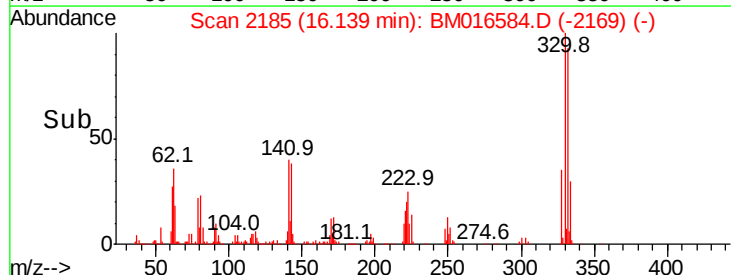
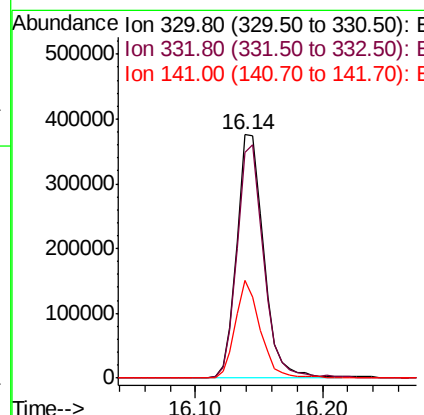
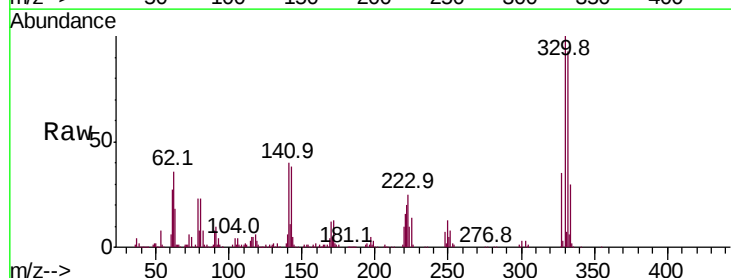
Instrument :
 BNA_M
 ClientSampleId :
 20180534-AMENDED-COMPOSITE-(-

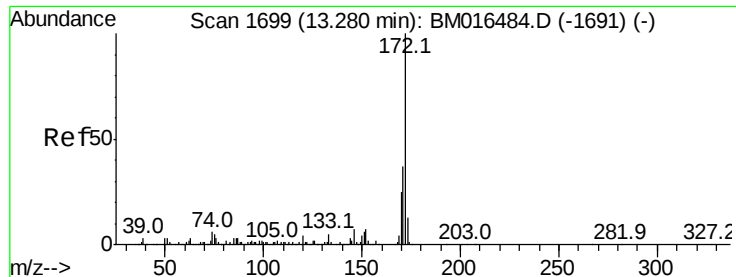
Tot Ion:164 Resp: 273978
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.4 123.6
 160 49.4 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 72.011 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BM016584.D
 Acq: 24 Aug 2018 12:39

Tgt Ion:330 Resp: 551523
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 37.5 0.0 0.0#

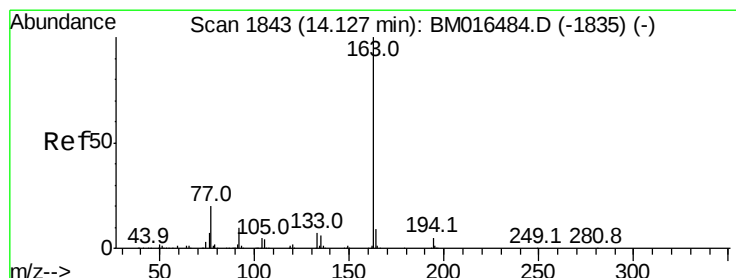
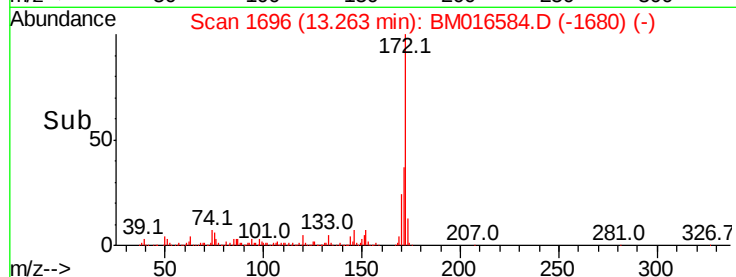
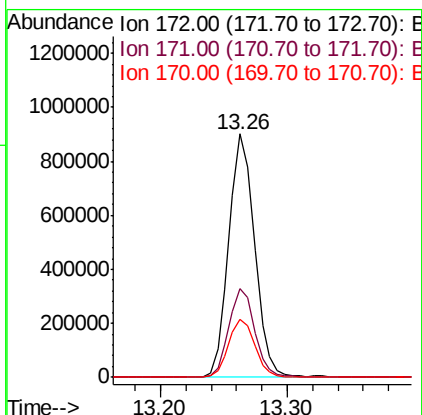
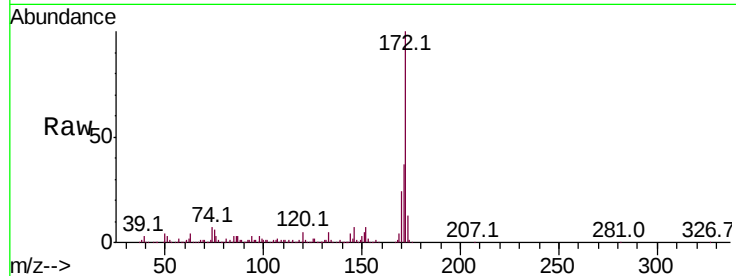




#44
2-Fluorobiphenyl
Concen: 44.795 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

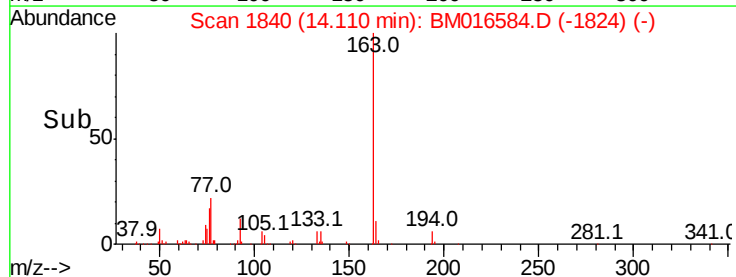
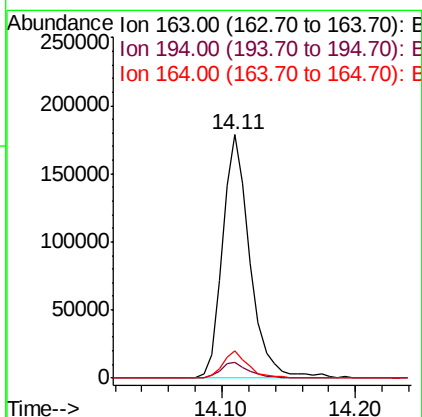
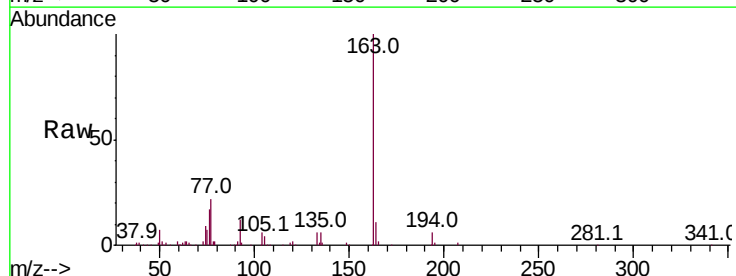
Instrument :
BNA_M
ClientSampleId :
20180534-AMENDED-COMPOSITE-(-

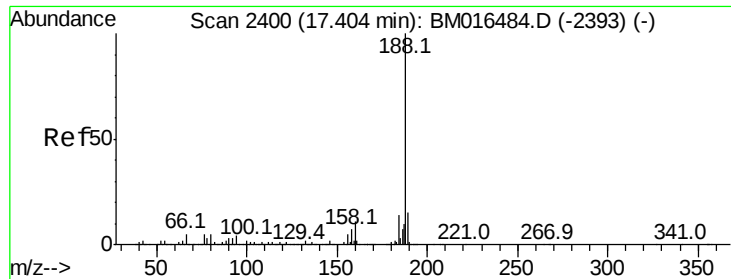
Tot Ion:172 Resp: 1276785
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 18.8 28.2



#49
Dimethylphthalate
Concen: 9.783 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Tgt Ion:163 Resp: 257506
Ion Ratio Lower Upper
163 100
194 6.3 2.7 4.1#
164 11.4 8.2 12.2

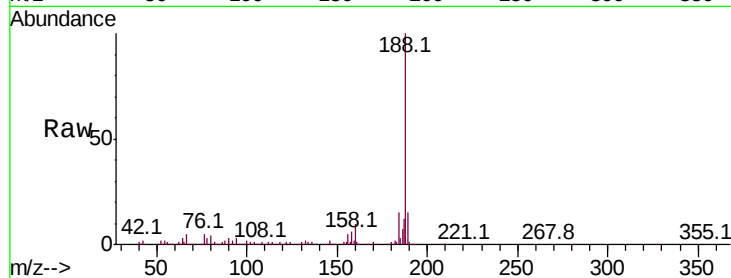




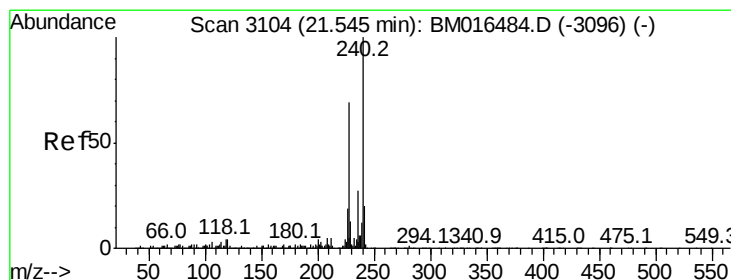
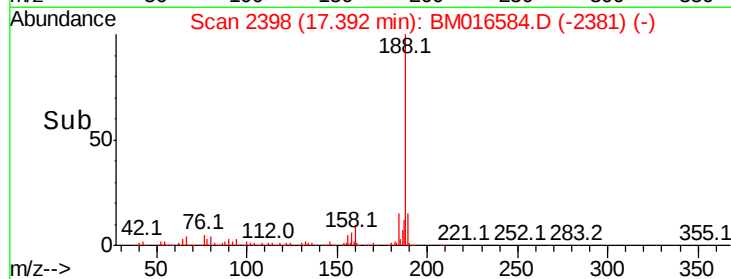
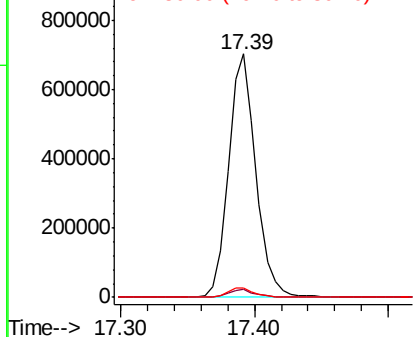
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Instrument :
BNA_M
ClientSampleId :
20180534-AMENDED-COMPOSITE-(-)

Tot Ion:188 Resp: 1001384
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.8 9.3 13.9#

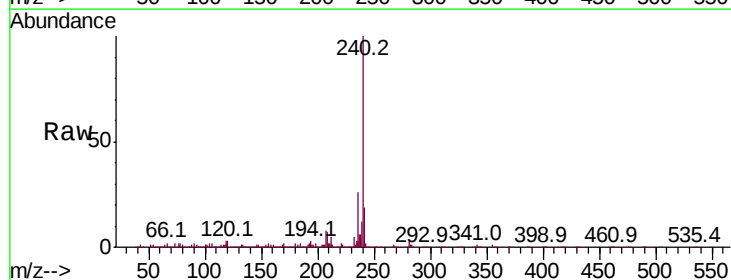


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

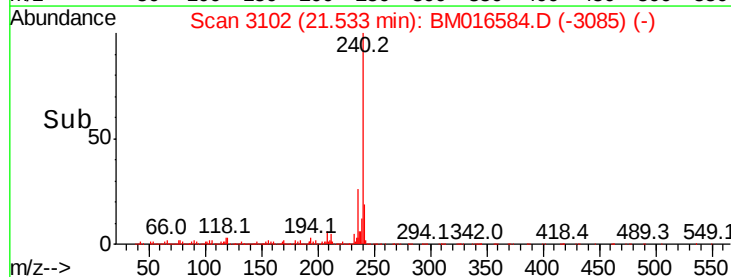
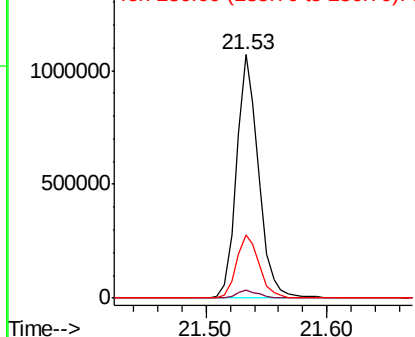


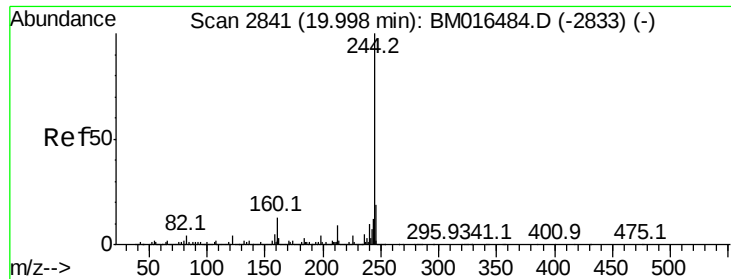
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016584.D
Acq: 24 Aug 2018 12:39

Tgt Ion:240 Resp: 1362267
Ion Ratio Lower Upper
240 100
120 3.4 8.2 12.2#
236 25.9 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





#78

Terphenyl-d14

Concen: 56.962 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016584.D

Acq: 24 Aug 2018 12:39

Instrument :

BNA_M

ClientSampleId :

20180534-AMENDED-COMPOSITE-(-)

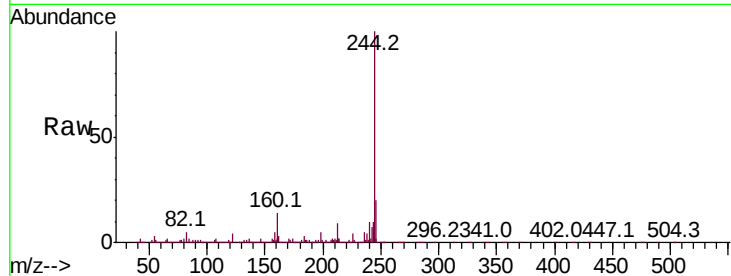
Tot Ion:244 Resp: 3666202

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

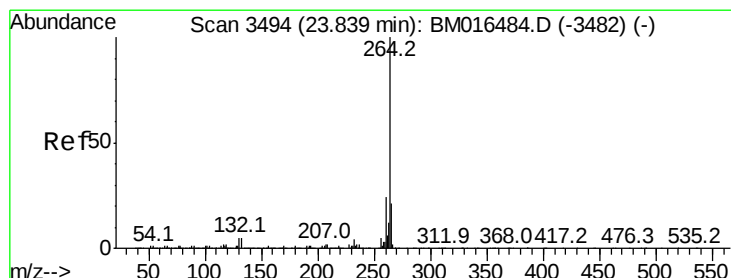
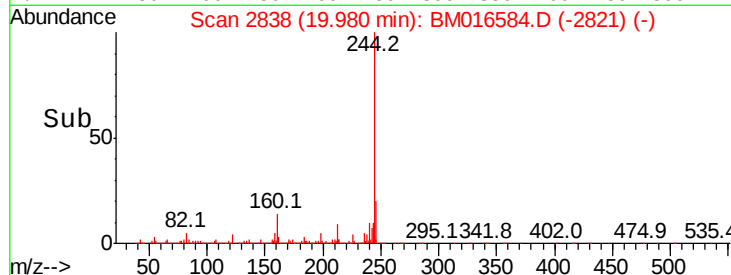
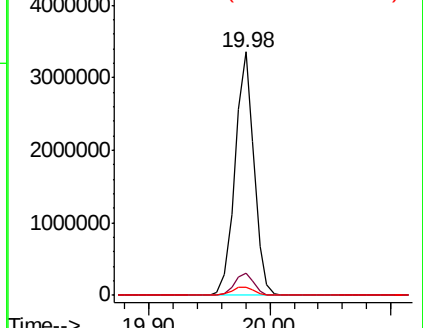
122 3.6 6.2 9.4#



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: 23.81 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016584.D

Acq: 24 Aug 2018 12:39

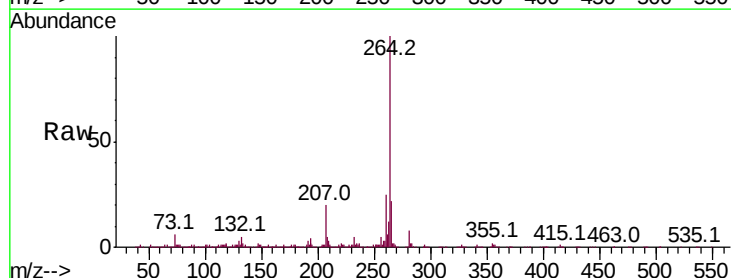
Tgt Ion:264 Resp: 1555603

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 21.9 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

