

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016213.D
 Acq On : 07 Aug 2018 05:02
 Operator : SJ/JU
 Sample : J4331-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 07 07:05:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

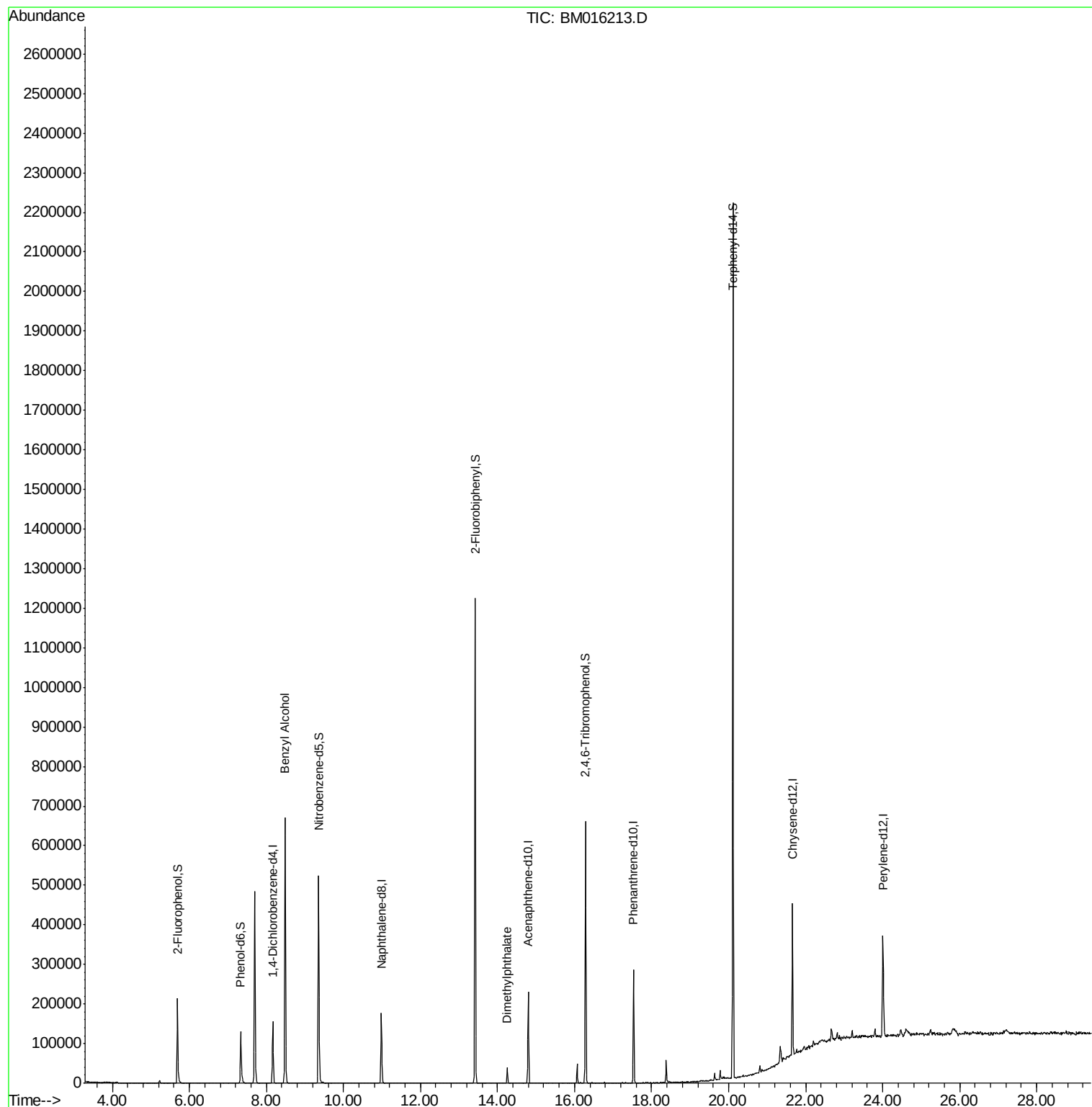
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	31510	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	123100	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	63998	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	136979	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	148191	20.00	ng	-0.05
86) Perylene-d12	24.01	264	158448	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	78148	41.20	ng	-0.05
7) Phenol-d6	7.33	99	58209	23.50	ng	-0.05
23) Nitrobenzene-d5	9.35	82	267090	100.92	ng	-0.07
41) 2,4,6-Tribromophenol	16.29	330	66149	81.49	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	481667	91.57	ng	-0.06
78) Terphenyl-d14	20.11	244	703570	99.38	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.49	79	4617	2.341	ng	# 36
49) Dimethylphthalate	14.25	163	22458	4.010	ng	# 98

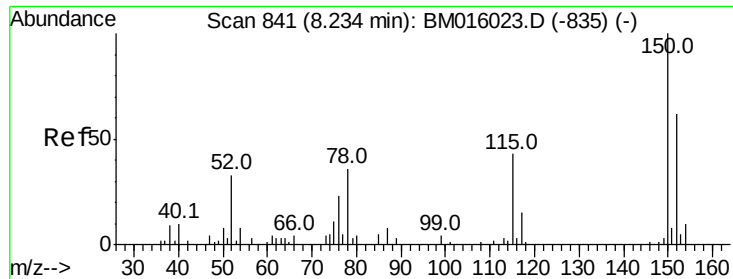
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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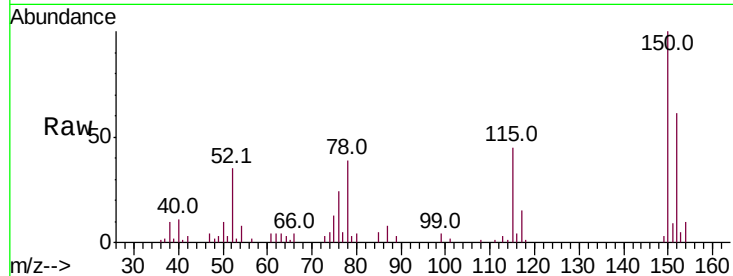


#1

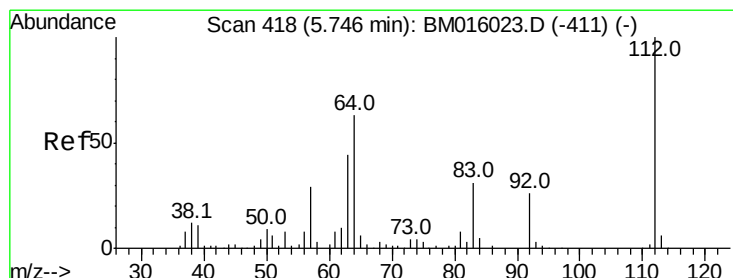
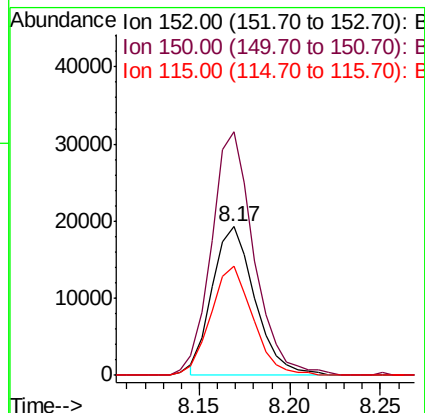
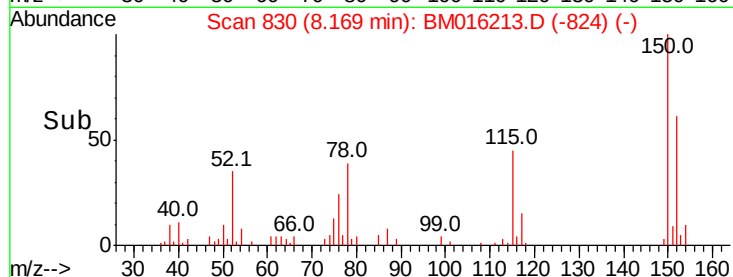
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.07 min
Lab File: BM016213.D
Acq: 07 Aug 2018 05:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 31510
Ion Ratio Lower Upper
152 100
150 164.0 119.5 179.3
115 73.2 43.0 64.4#



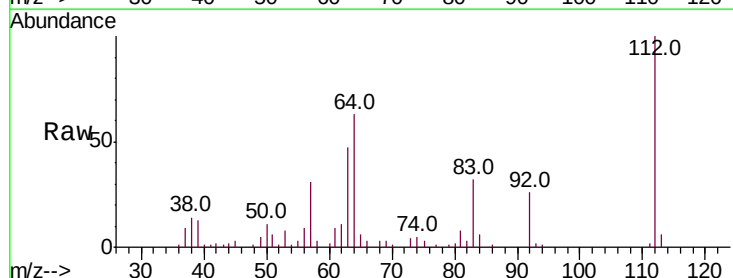
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



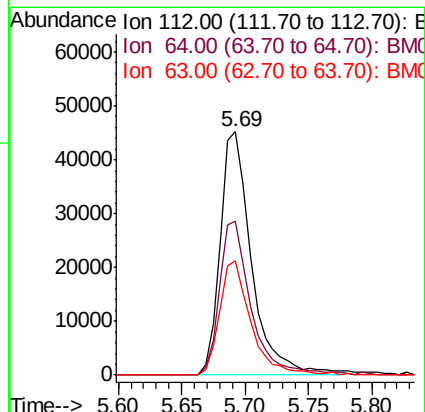
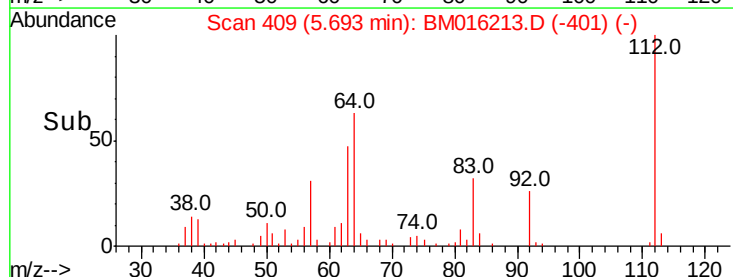
#5

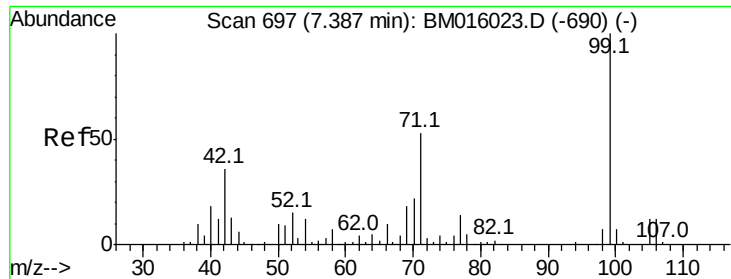
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016213.D
Acq: 07 Aug 2018 05:02

Tgt Ion:112 Resp: 78148
Ion Ratio Lower Upper
112 100
64 63.3 38.6 57.8#
63 46.8 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: N.D. ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

Instrument :

BNA_M

ClientSampled :

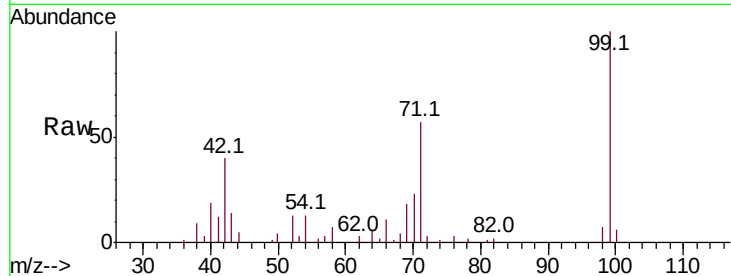
Tot Ion: 99 Resp: 58209

Ion Ratio Lower Upper

99 100

42 39.6 11.0 16.4#

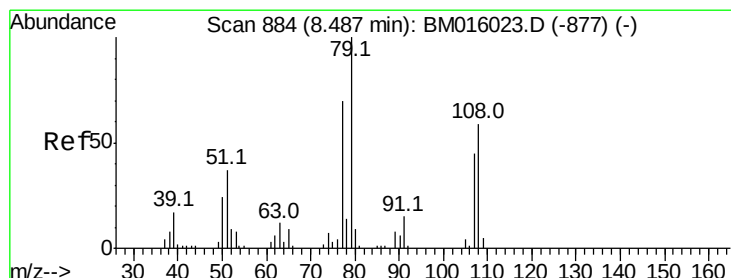
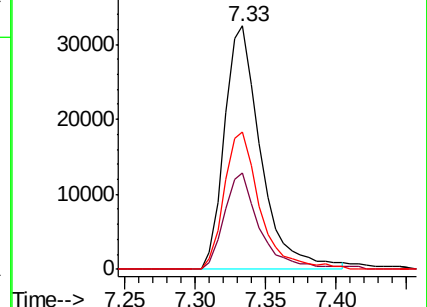
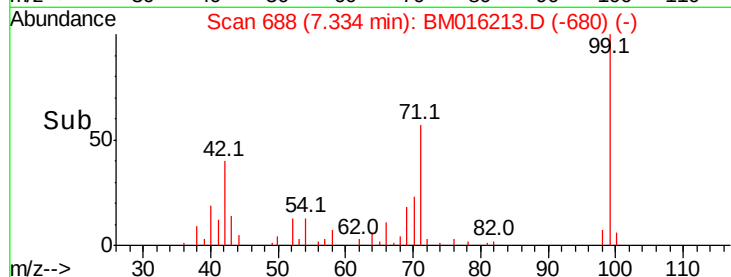
71 56.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#15

Benzyl Alcohol

Concen: 2.341 ng

RT: 8.49 min Scan# 884

Delta R.T. -0.00 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

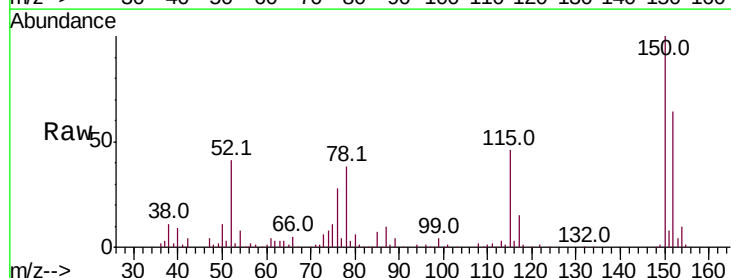
Tgt Ion: 79 Resp: 4617

Ion Ratio Lower Upper

79 100

108 69.9 65.0 97.4

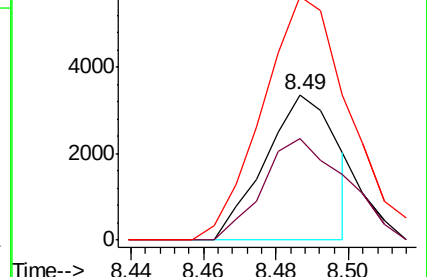
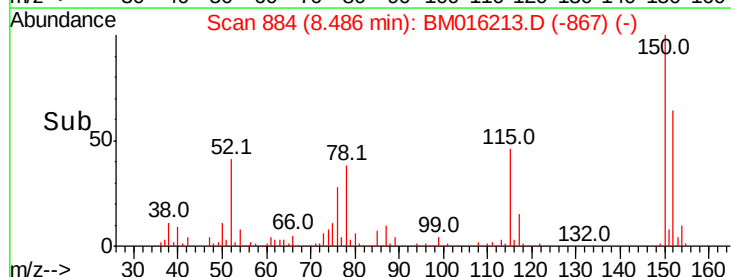
77 167.6 53.0 79.6#

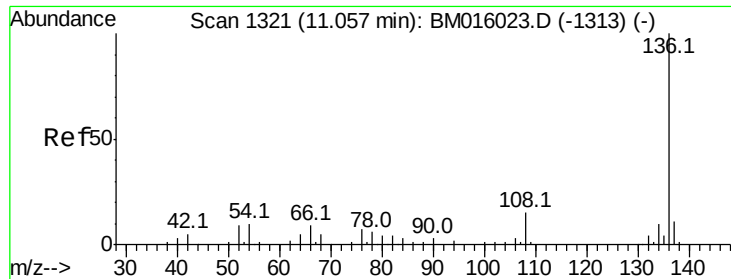


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

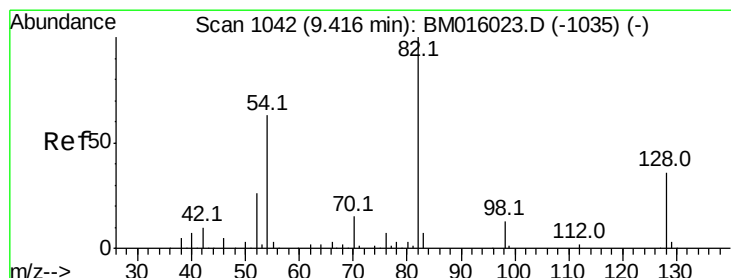
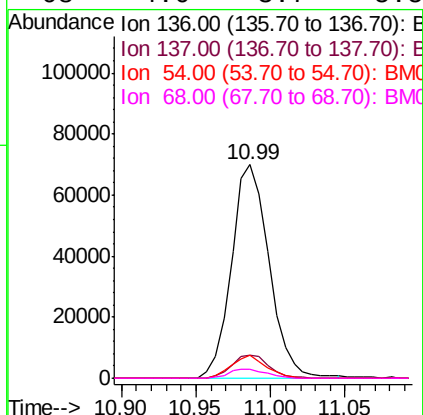
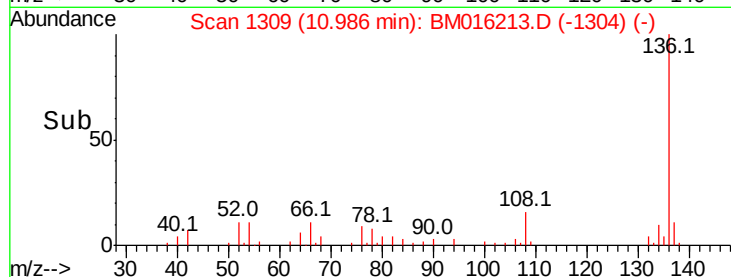
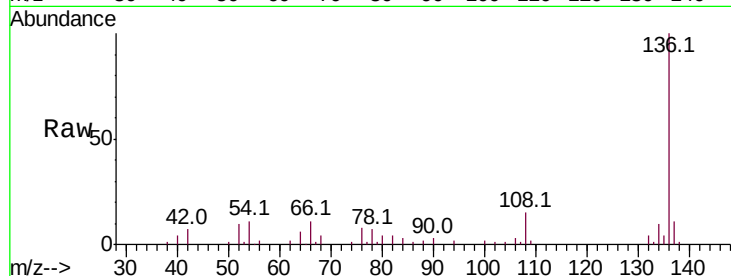




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.07 min
Lab File: BM016213.D
Acq: 07 Aug 2018 05:02

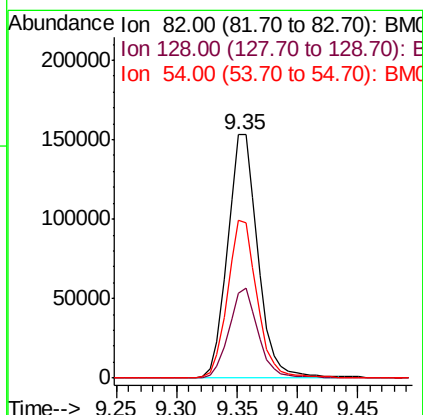
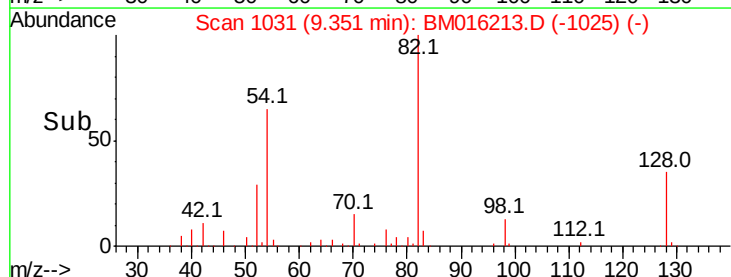
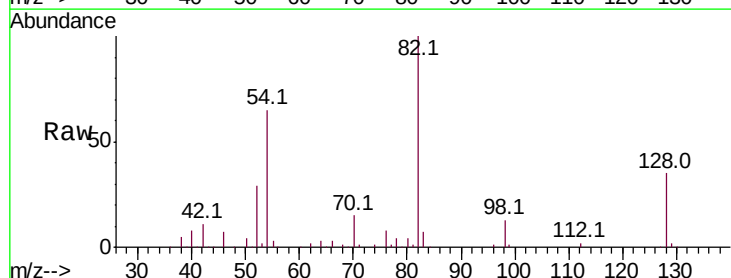
Instrument :
BNA_M
ClientSampleId :

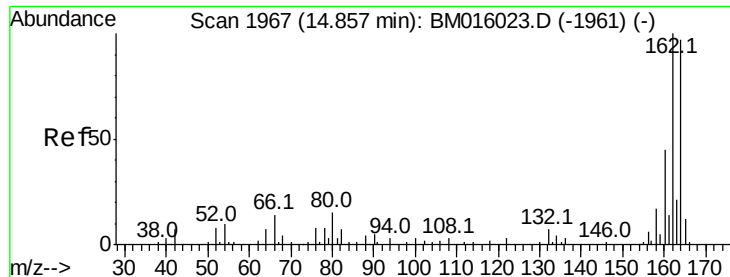
Tot Ion:	136	Resp:	123100
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.6	4.6	6.8#
68	4.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.07 min
Lab File: BM016213.D
Acq: 07 Aug 2018 05:02

Tgt Ion:	82	Resp:	267090
Ion	Ratio	Lower	Upper
82	100		
128	35.1	32.8	49.2
54	64.8	40.6	60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

Instrument :

BNA_M

ClientSampleId :

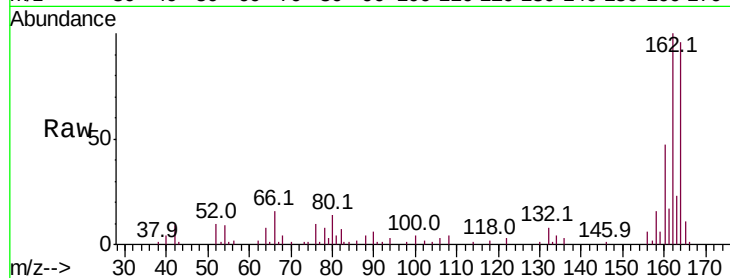
Tot Ion:164 Resp: 63998

Ion Ratio Lower Upper

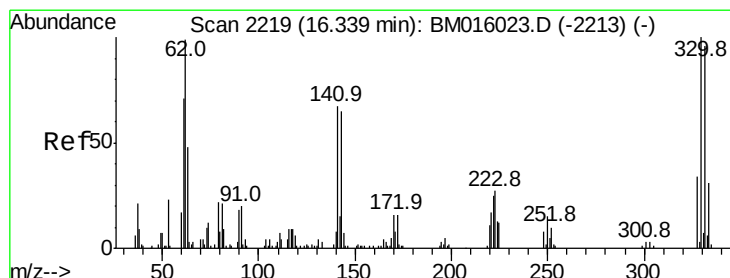
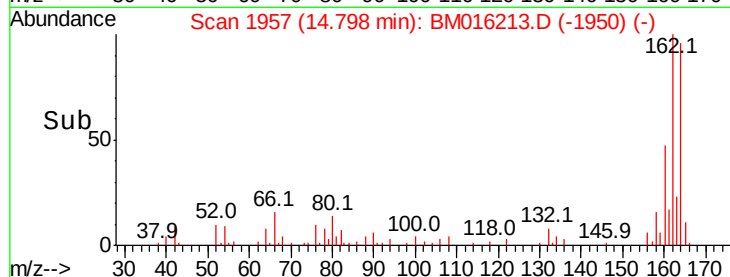
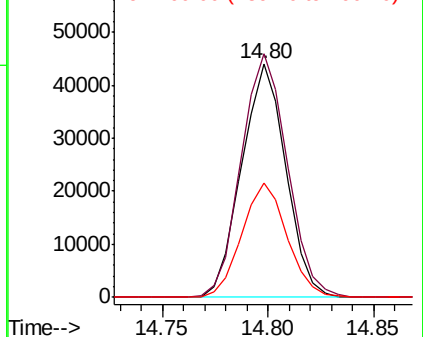
164 100

162 104.1 82.4 123.6

160 49.0 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: 16.29 min Scan# 2210

Delta R.T. -0.05 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

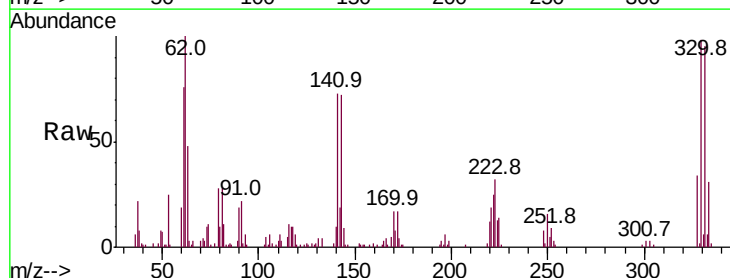
Tgt Ion:330 Resp: 66149

Ion Ratio Lower Upper

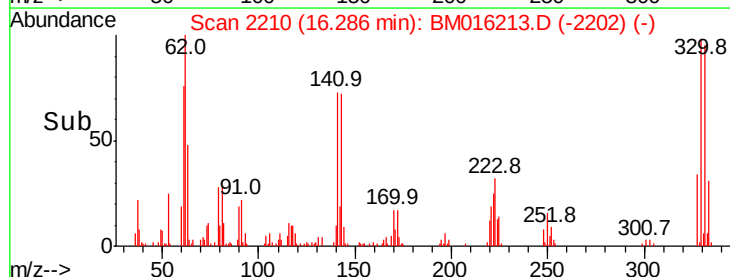
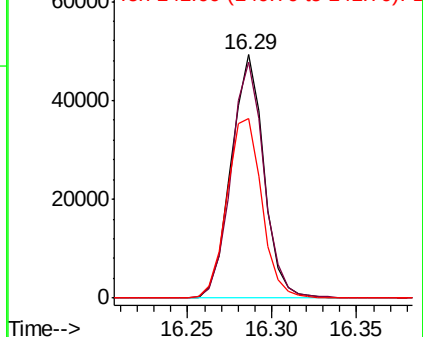
330 100

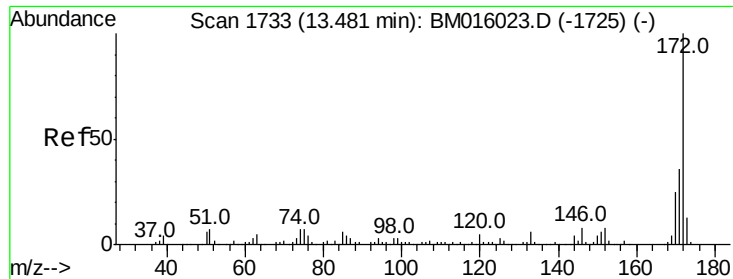
332 98.0 0.0 0.0#

141 78.9 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

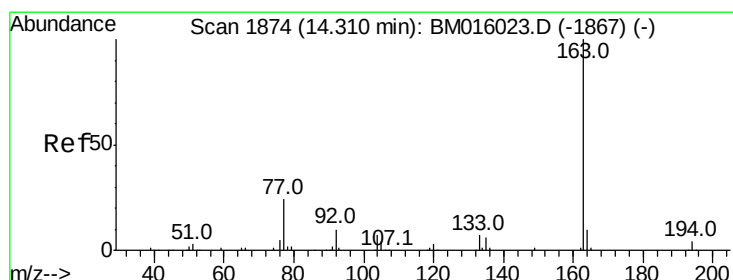
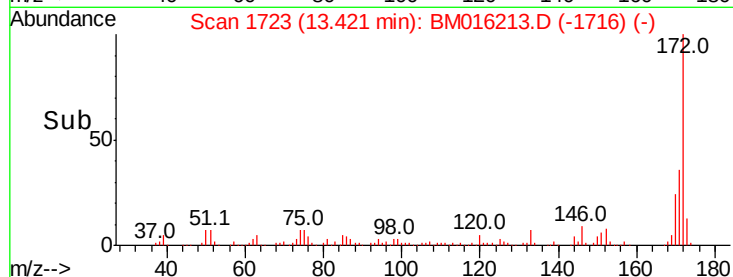
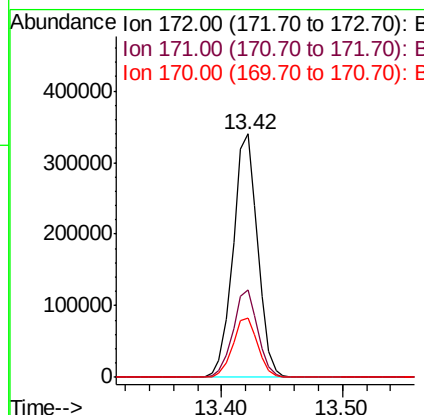
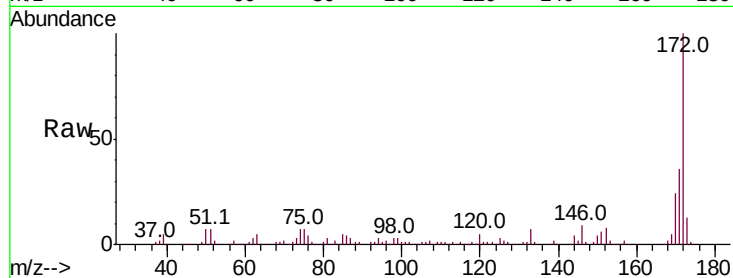




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016213.D
 Acq: 07 Aug 2018 05:02

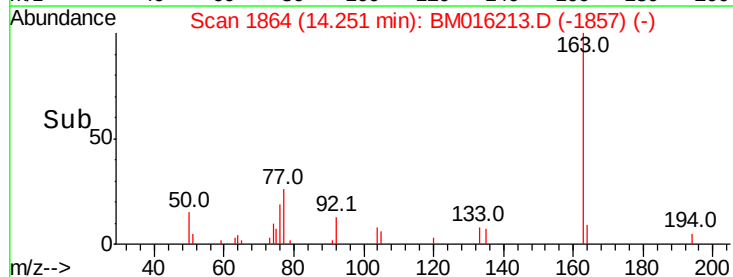
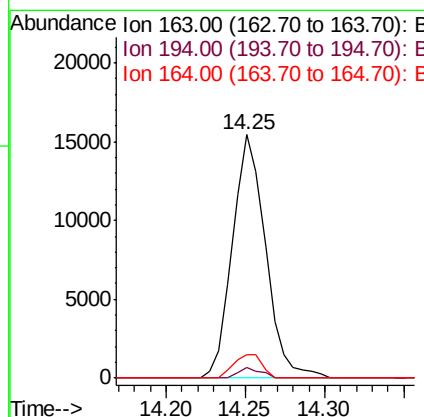
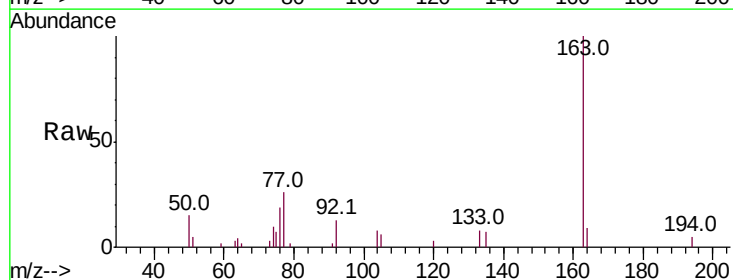
Instrument :
 BNA_M
 ClientSampleId :

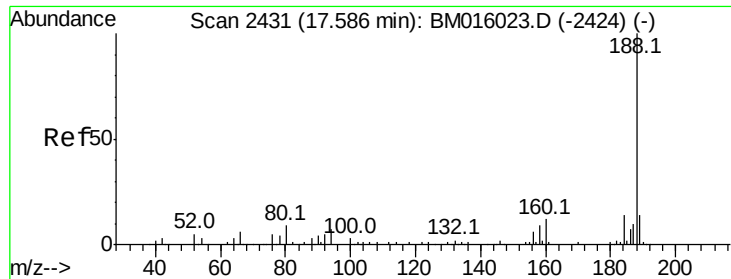
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.1	18.8	28.2



#49
 Dimethylphthalate
 Concen: 4.010 ng
 RT: 14.25 min Scan# 1864
 Delta R.T. -0.06 min
 Lab File: BM016213.D
 Acq: 07 Aug 2018 05:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.5	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

Instrument :

BNA_M

ClientSampleId :

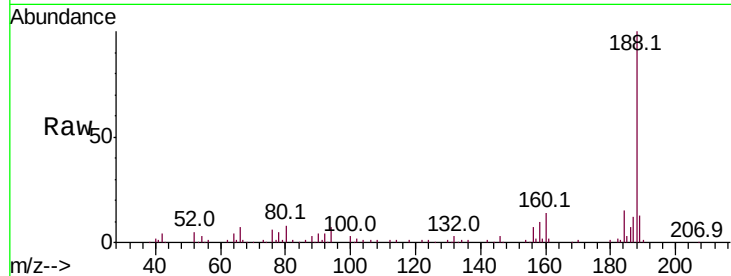
Tot Ion:188 Resp: 136979

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

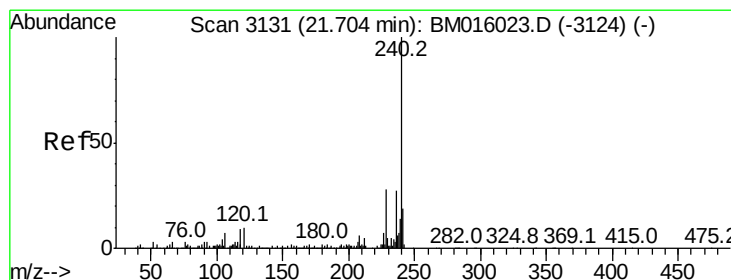
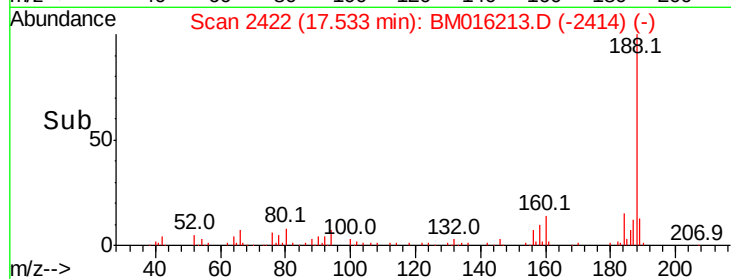
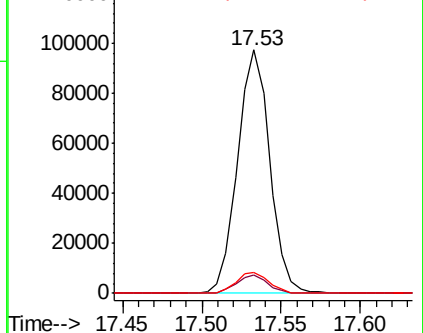
80 8.3 9.3 13.9#



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: 21.66 min Scan# 3123

Delta R.T. -0.05 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

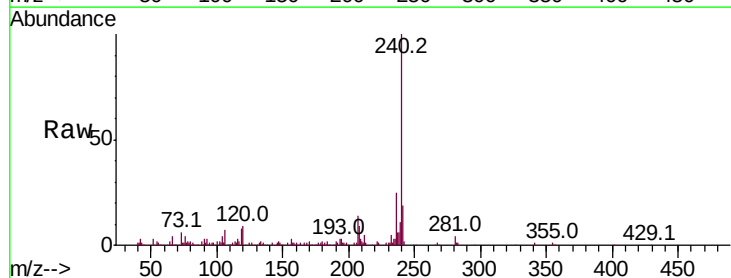
Tgt Ion:240 Resp: 148191

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

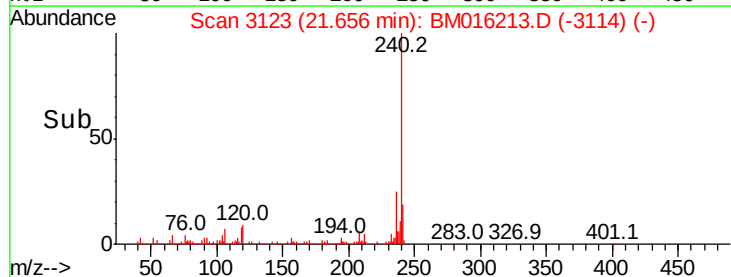
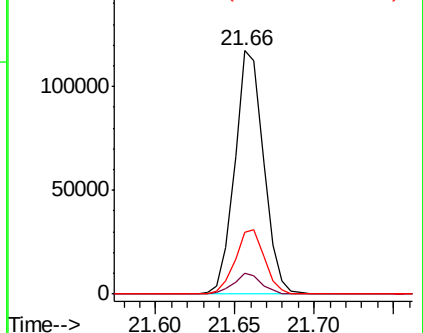
236 25.4 20.0 30.0

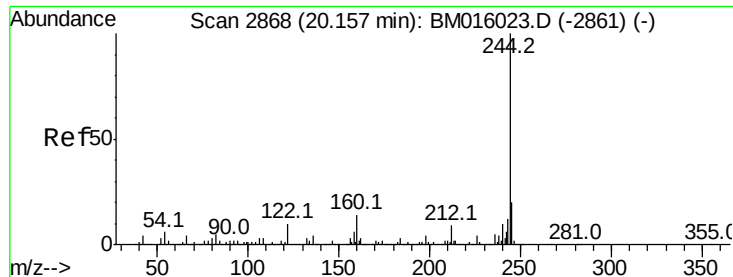


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.11 min Scan# 2860

Delta R.T. -0.05 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

Instrument :

BNA_M

ClientSampleId :

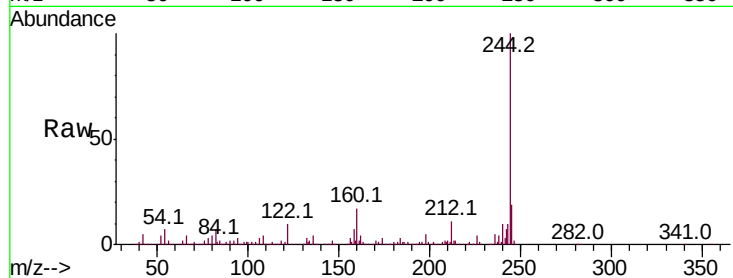
Tot Ion:244 Resp: 703570

Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	9.5	6.2	9.4#

244 100

212 10.5 4.9 7.3#

122 9.5 6.2 9.4#

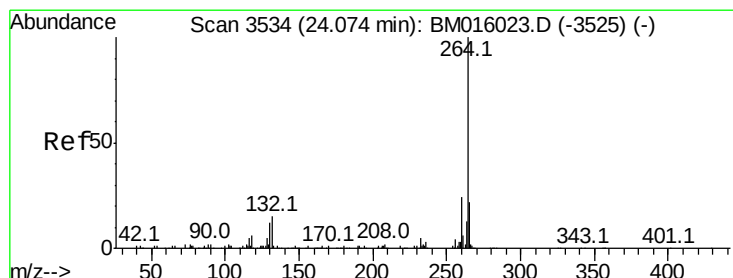
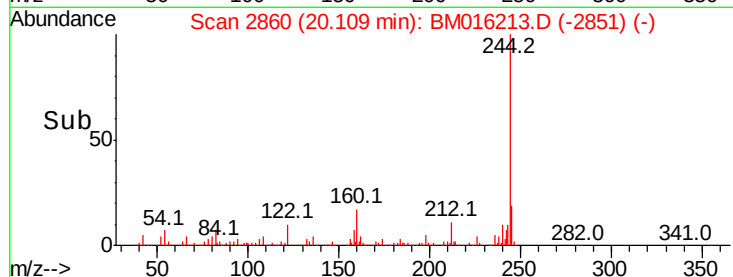
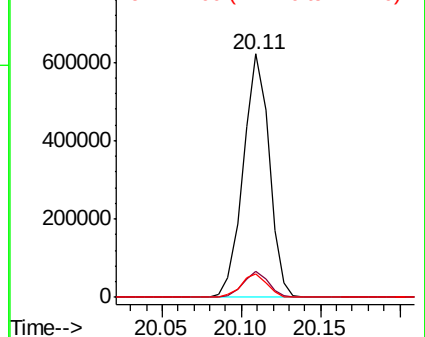


Abundance

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: 24.01 min Scan# 3523

Delta R.T. -0.07 min

Lab File: BM016213.D

Acq: 07 Aug 2018 05:02

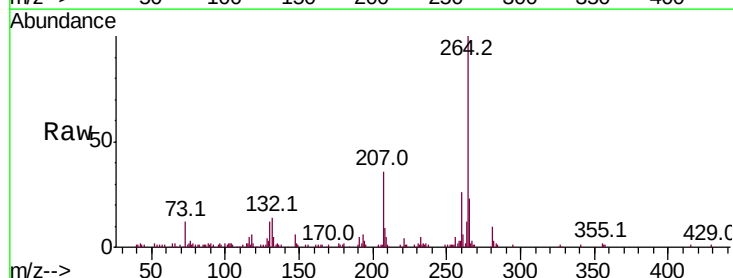
Tgt Ion:264 Resp: 158448

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.6	27.8
265	22.6	17.3	25.9

264 100

260 26.1 18.6 27.8

265 22.6 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

