

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016225.D
 Acq On : 07 Aug 2018 20:17
 Operator : SJ/JU
 Sample : J4297-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Aug 08 02:24:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

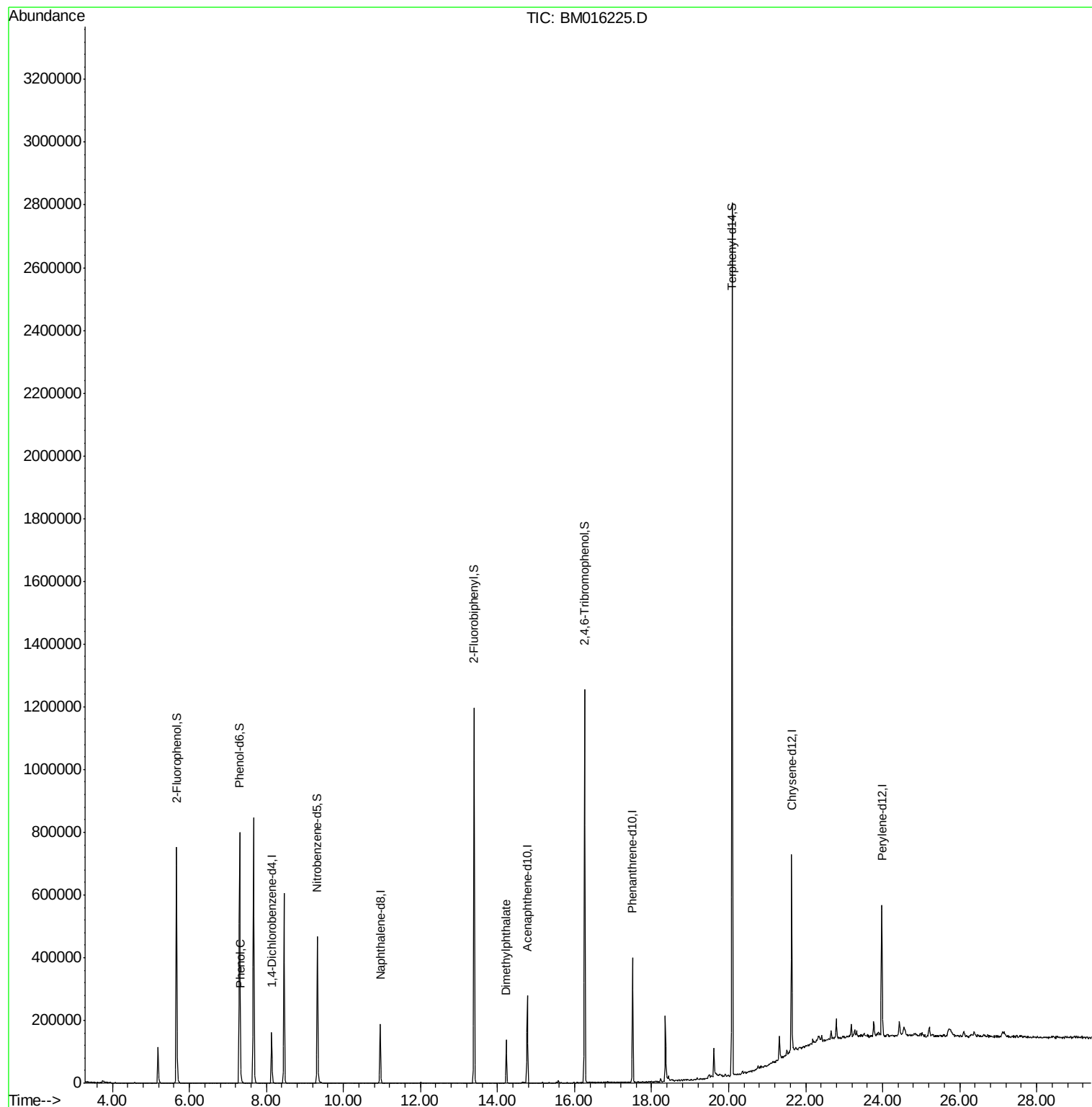
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32840	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	131350	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	77664	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	183853	20.00	ng	0.00
75) Chrysene-d12	21.64	240	238870	20.00	ng	0.00
86) Perylene-d12	23.98	264	258546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	248391	125.64	ng	0.00
7) Phenol-d6	7.30	99	319834	123.88	ng	0.00
23) Nitrobenzene-d5	9.32	82	231017	81.80	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	127315	129.25	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	463325	72.59	ng	0.00
78) Terphenyl-d14	20.09	244	947433	83.03	ng	0.00
Target Compounds						
10) Phenol	7.33	94	6454	2.500	ng	Qvalue
49) Dimethylphthalate	14.23	163	69667	10.250	ng	# 51

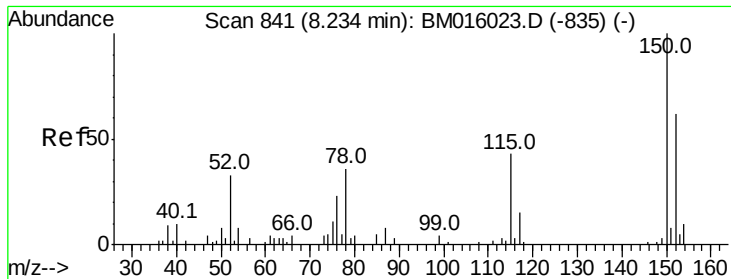
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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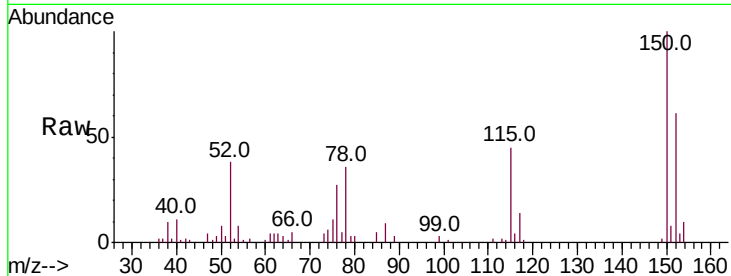


#1

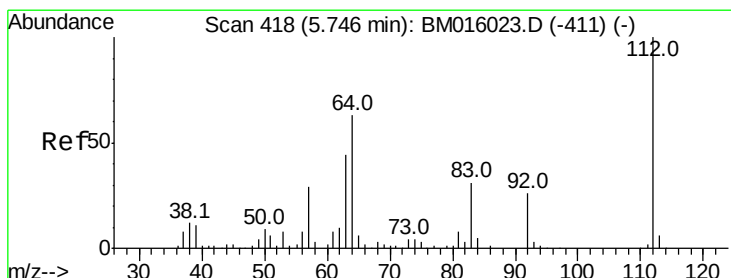
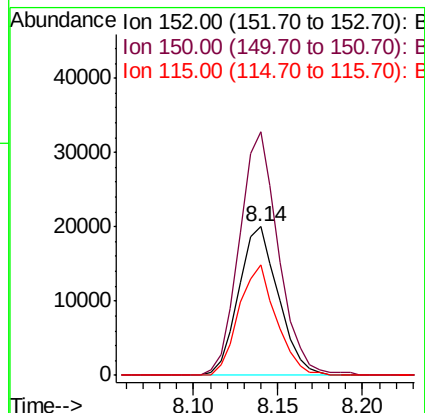
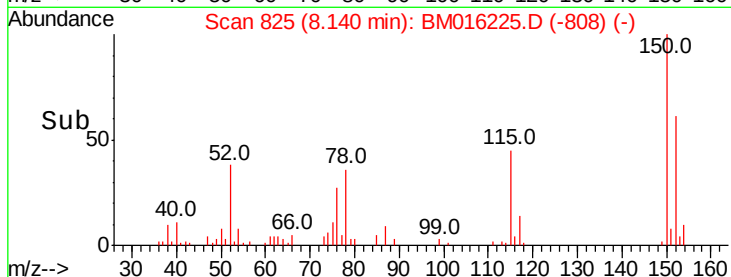
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Instrument :
BNA_M
ClientSampled :
TP-1

Tot Ion:152 Resp: 32840
Ion Ratio Lower Upper
152 100
150 163.9 119.5 179.3
115 74.5 43.0 64.4#



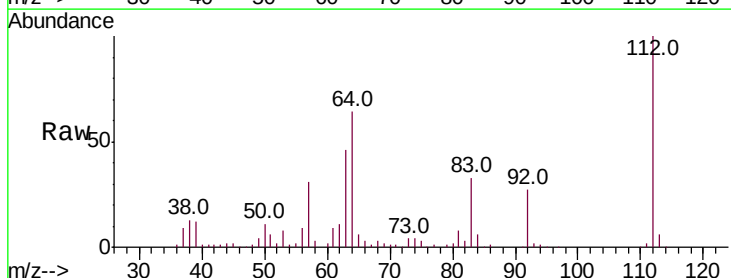
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



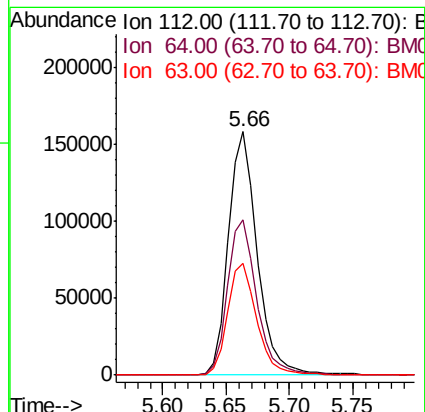
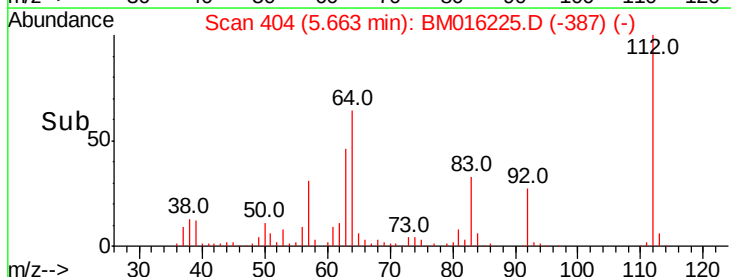
#5

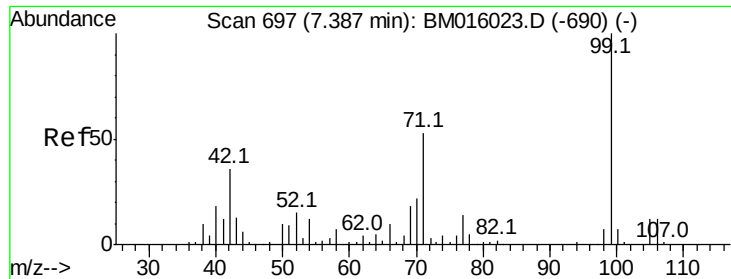
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:112 Resp: 248391
Ion Ratio Lower Upper
112 100
64 64.0 38.6 57.8#
63 46.2 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: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

Instrument :

BNA_M

ClientSampled :

TP-1

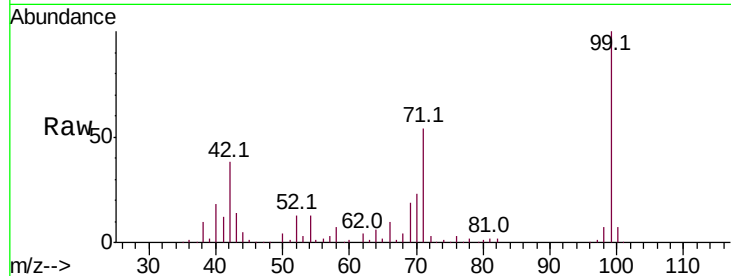
Tot Ion: 99 Resp: 319834

Ion Ratio Lower Upper

99 100

42 37.6 11.0 16.4#

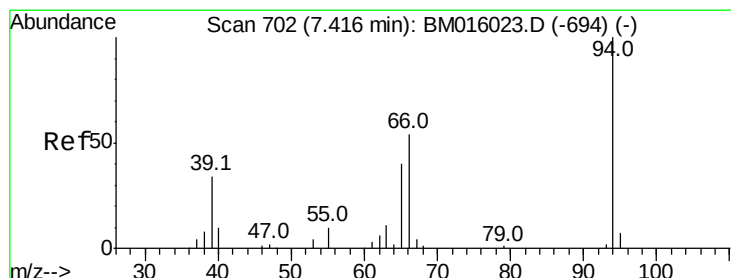
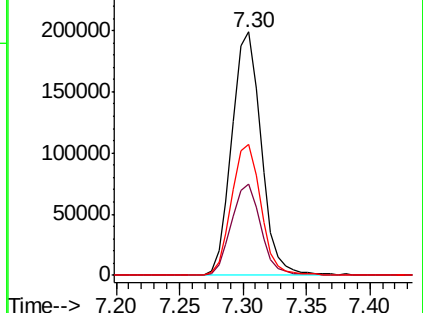
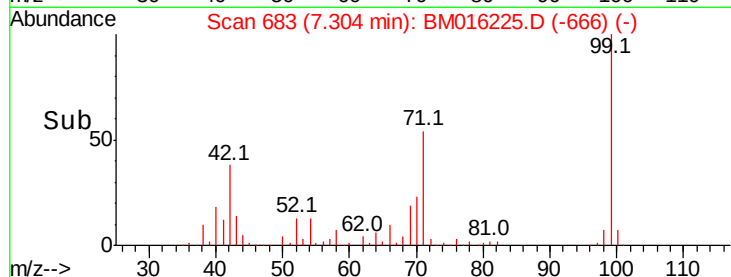
71 54.0 23.4 35.2#



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) (-)



#10

Phenol

Concen: 2.500 ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

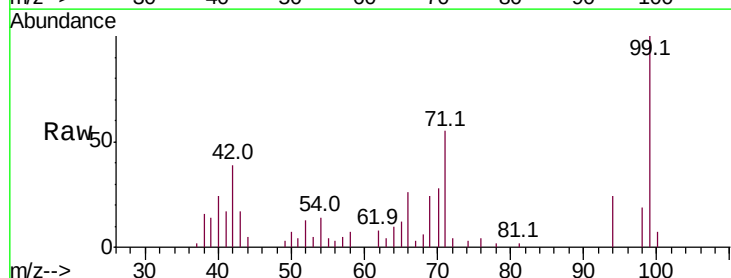
Tgt Ion: 94 Resp: 6454

Ion Ratio Lower Upper

94 100

65 51.1 18.8 58.8

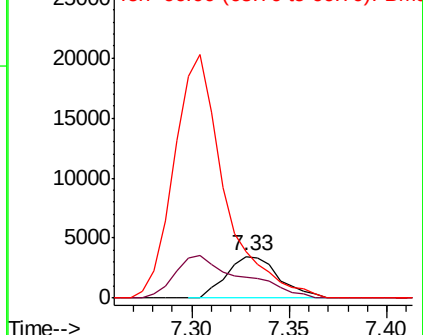
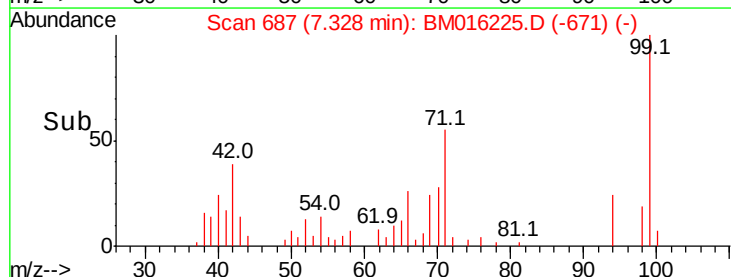
66 110.8 39.9 79.9#

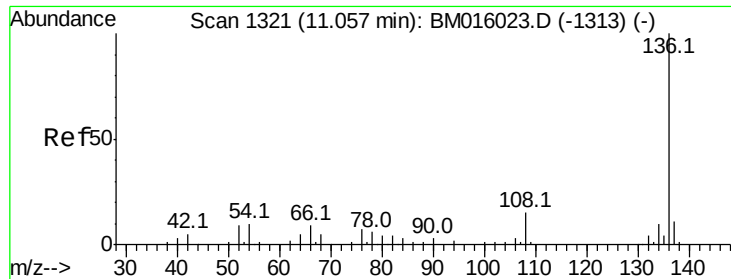


Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM016023.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM016023.D (-694) (-)

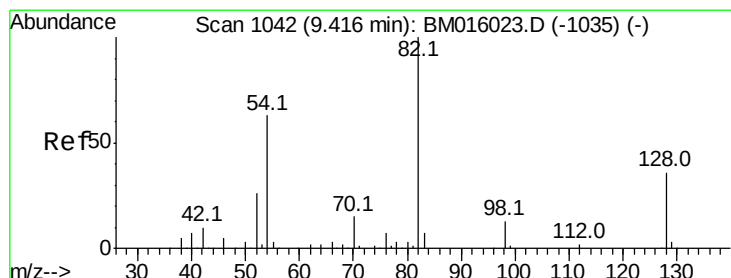
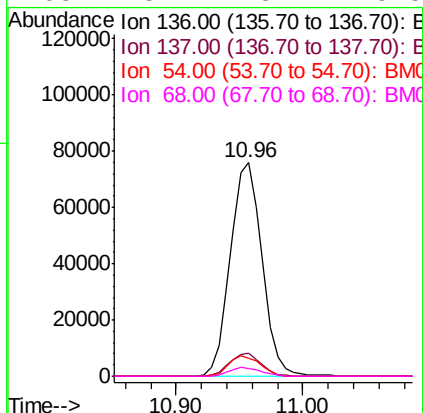
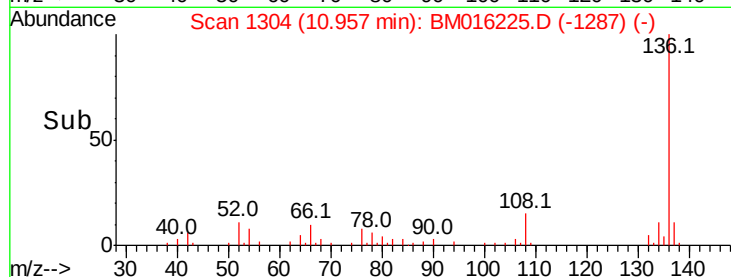
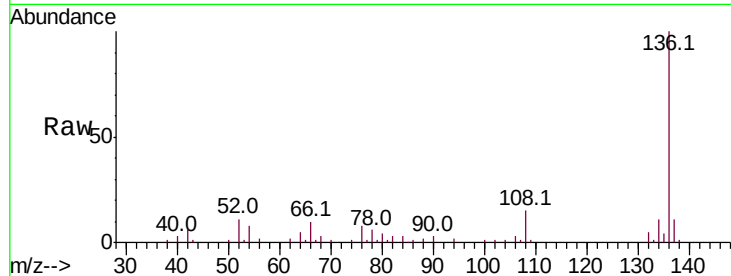




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

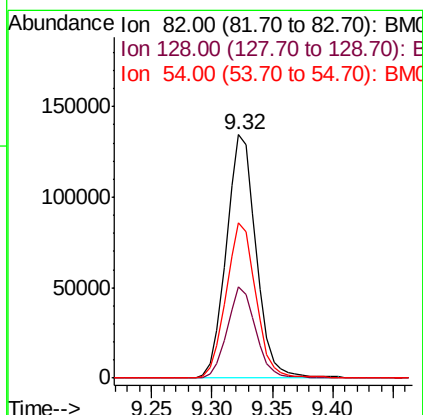
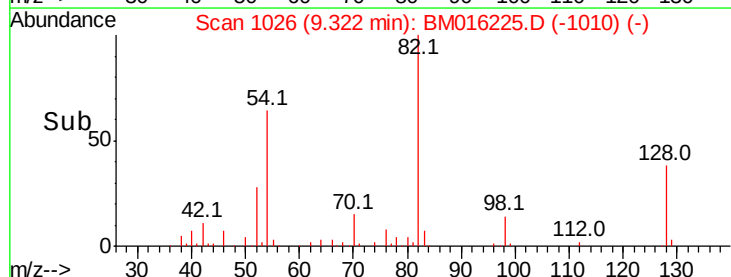
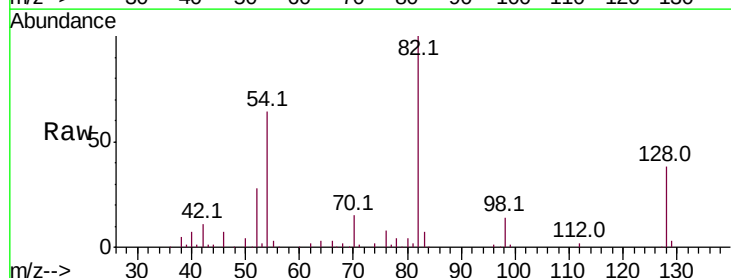
Instrument :
BNA_M
ClientSampled :
TP-1

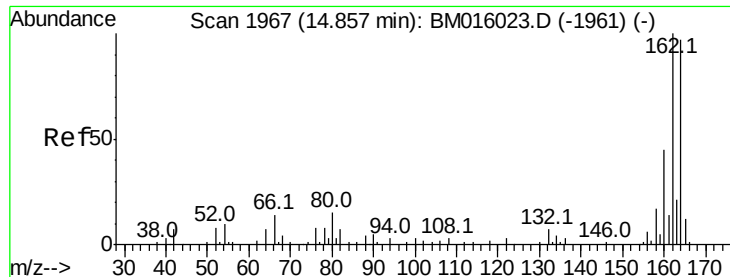
Tot Ion:136 Resp: 131350
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.4 4.6 6.8#
68 3.4 3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion: 82 Resp: 231017
Ion Ratio Lower Upper
82 100
128 37.7 32.8 49.2
54 64.0 40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

TP-1

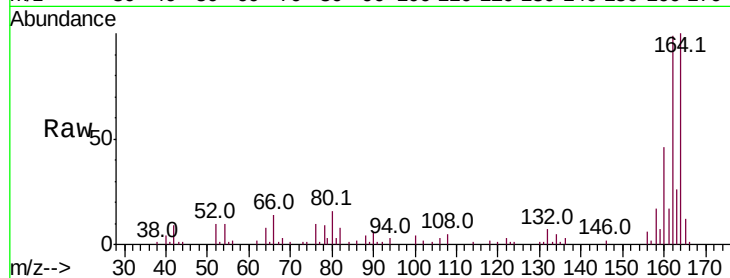
Tot Ion:164 Resp: 77664

Ion Ratio Lower Upper

164 100

162 99.2 82.4 123.6

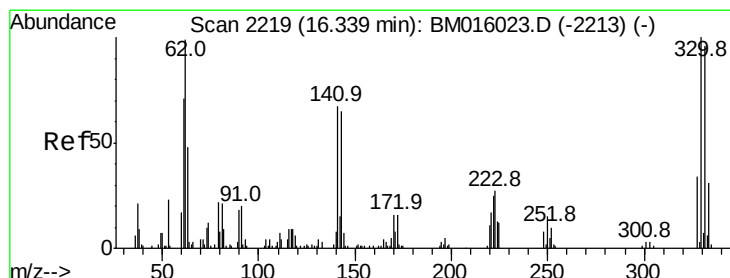
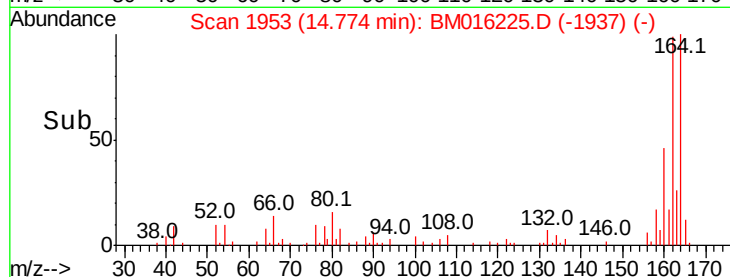
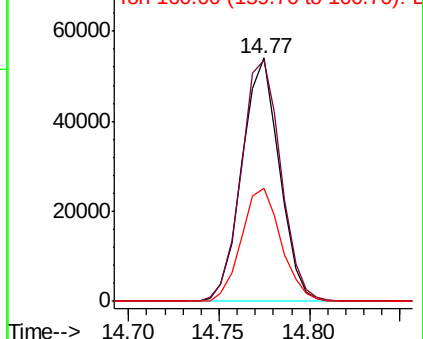
160 46.2 35.8 53.6



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: 16.26 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

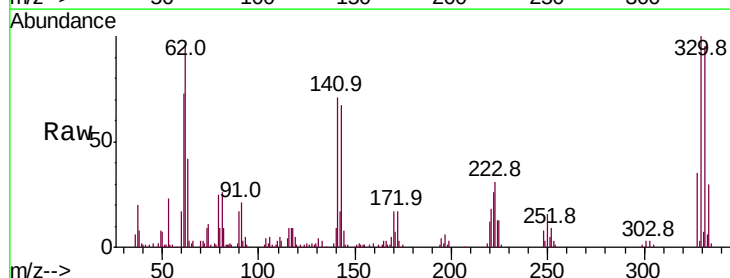
Tgt Ion:330 Resp: 127315

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

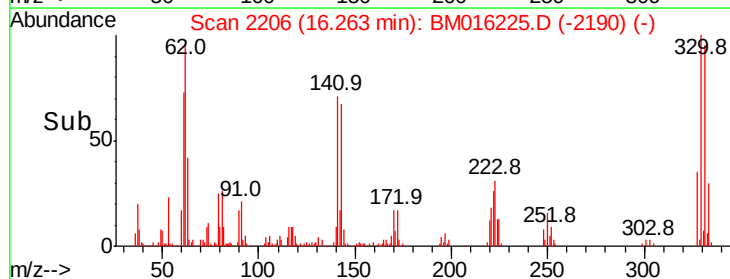
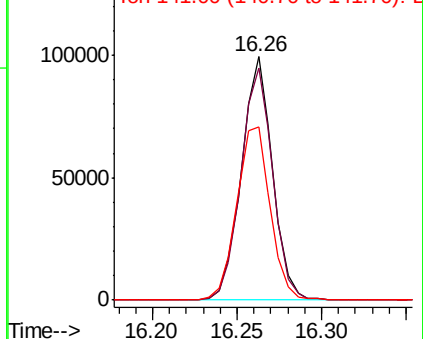
141 76.7 0.0 0.0#

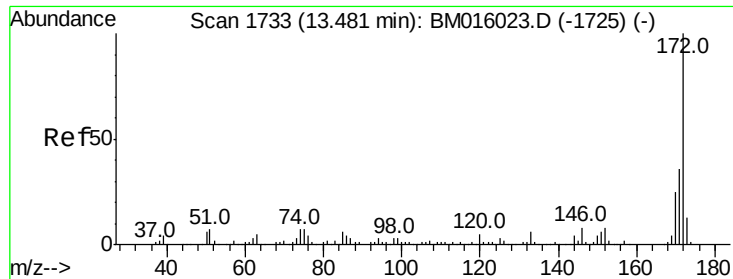


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

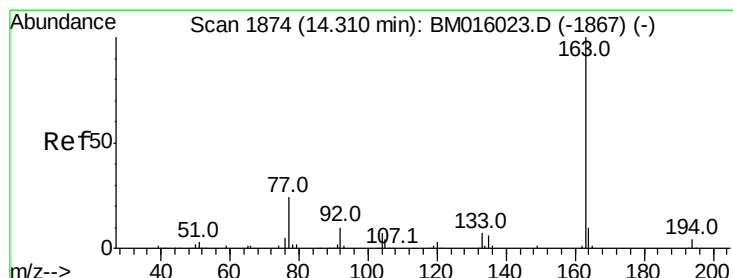
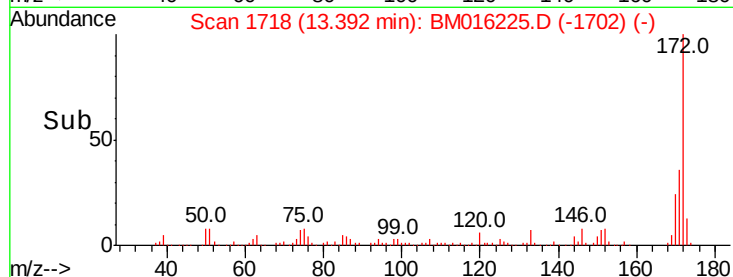
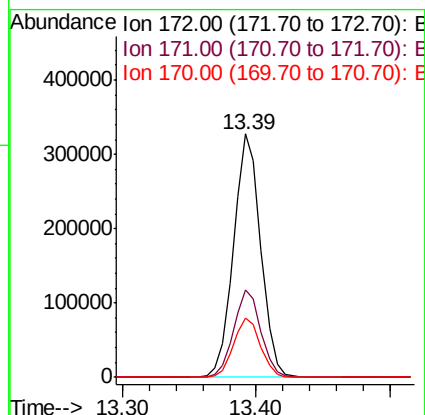
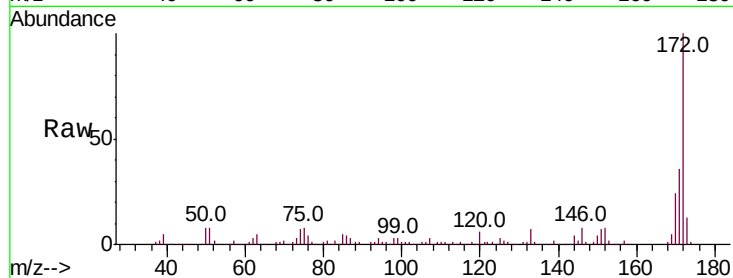




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

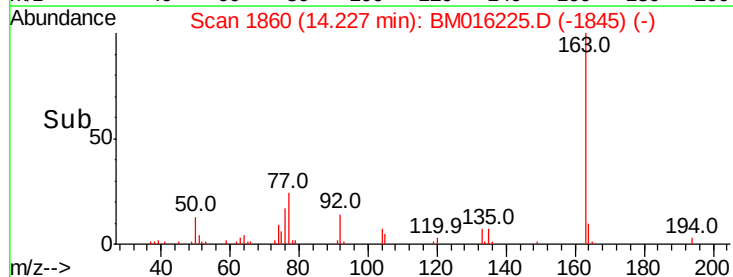
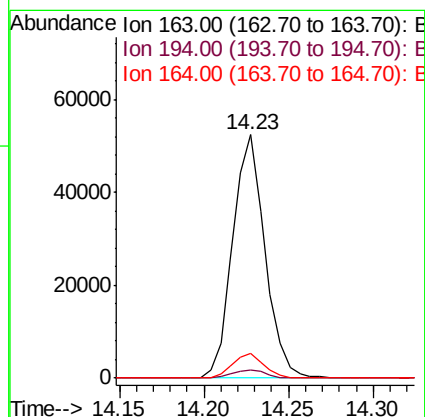
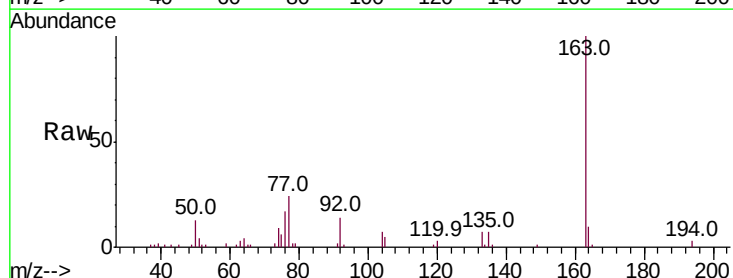
Instrument :
BNA_M
ClientSampled :
TP-1

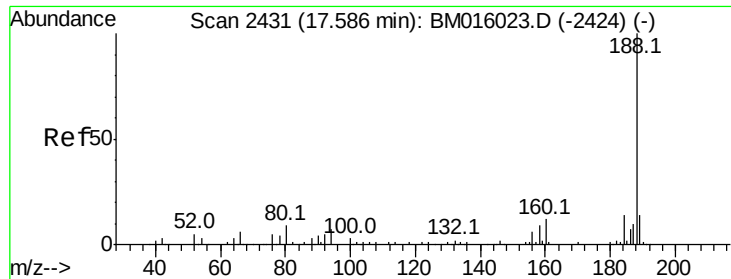
Tot Ion:172 Resp: 463325
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.5 18.8 28.2



#49
Dimethylphthalate
Concen: 10.250 ng
RT: 14.23 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:163 Resp: 69667
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

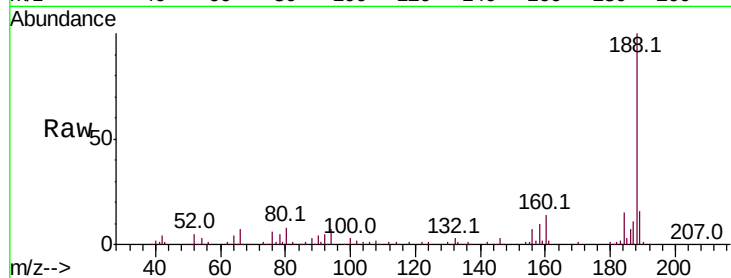




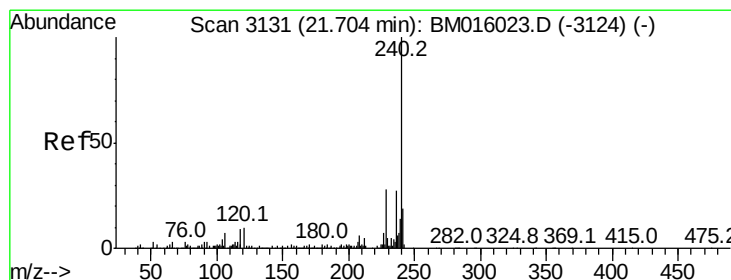
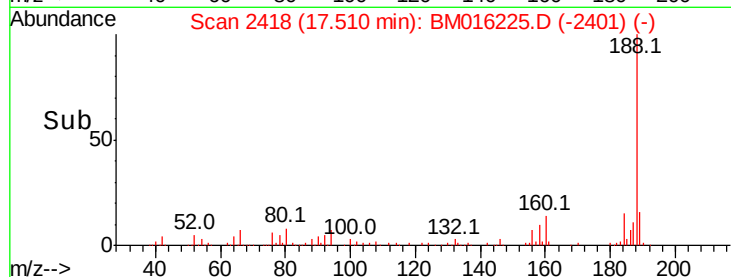
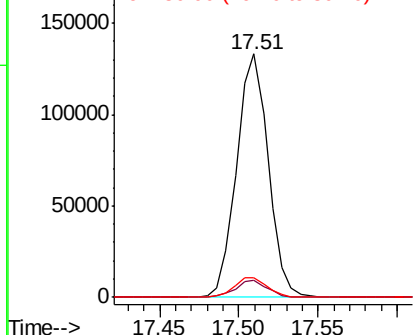
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Instrument :
BNA_M
ClientSampleId :
TP-1

Tot Ion:188 Resp: 183853
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 7.9 9.3 13.9#

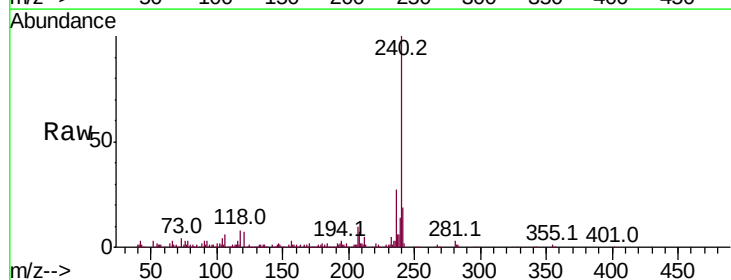


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

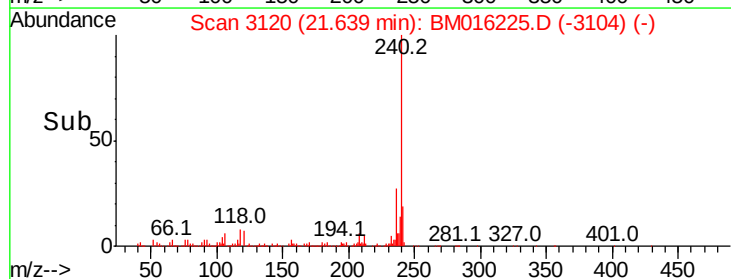
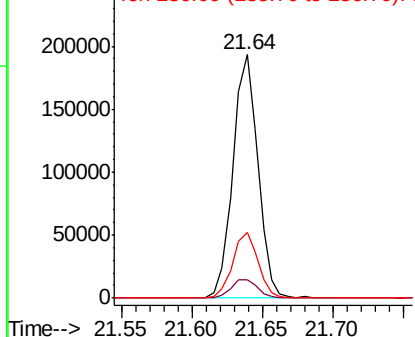


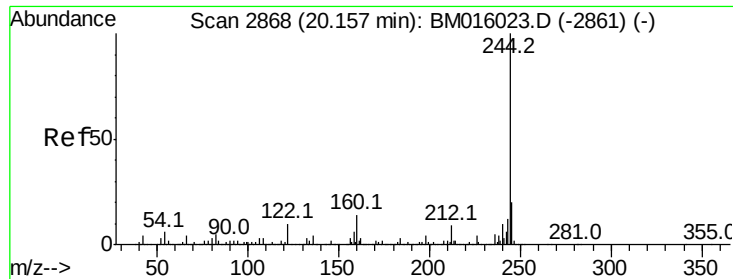
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:240 Resp: 238870
Ion Ratio Lower Upper
240 100
120 7.4 8.2 12.2#
236 26.8 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: Below na

RT: 20.09 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

Instrument :

BNA_M

ClientSampled :

TP-1

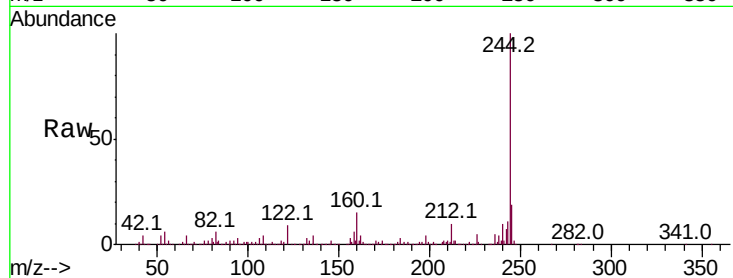
Tot Ion:244 Resp: 947433

Ion Ratio Lower Upper

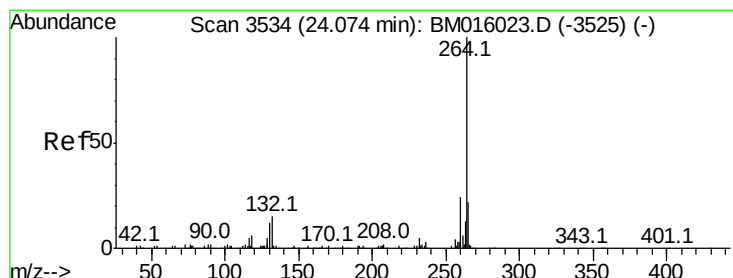
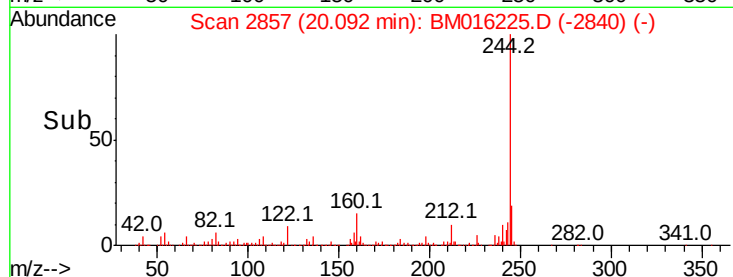
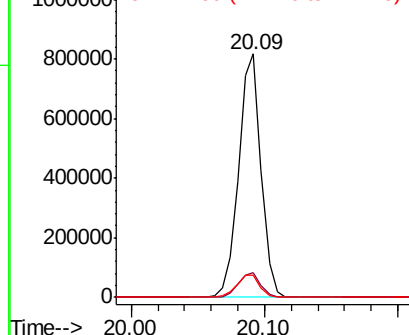
244 100

212 10.0 4.9 7.3#

122 8.9 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: 23.98 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM016225.D

Acq: 07 Aug 2018 20:17

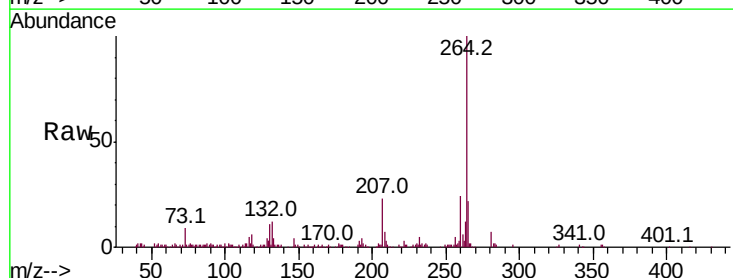
Tgt Ion:264 Resp: 258546

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.3 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

