

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081718\
 Data File : BM016455.D
 Acq On : 18 Aug 2018 01:57
 Operator : SJ/JU
 Sample : J4500-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-12

Quant Time: Aug 18 03:44:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

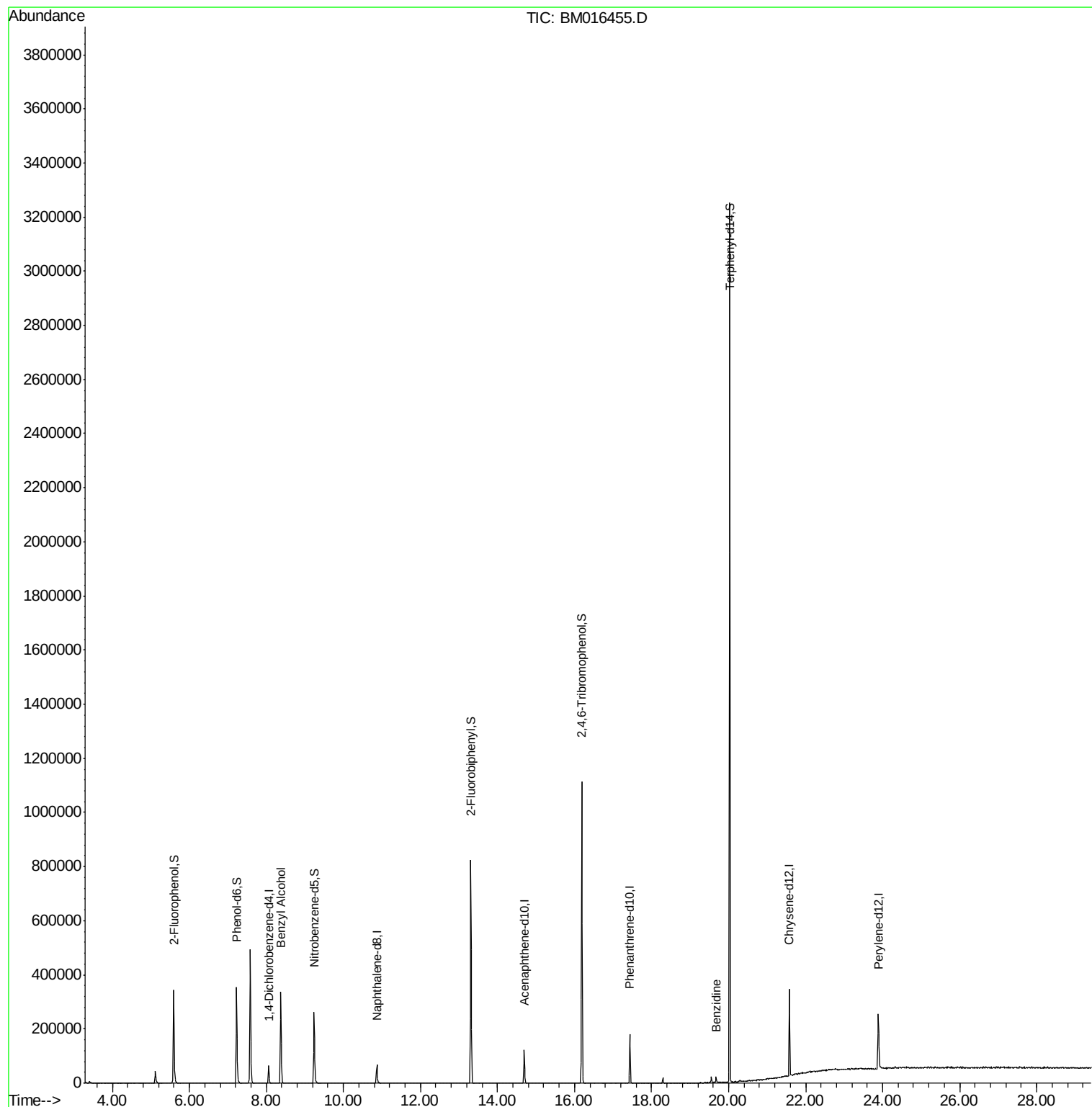
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	12405	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	43492	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	32346	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	85112	20.00	ng	0.00
75) Chrysene-d12	21.58	240	116976	20.00	ng	0.00
86) Perylene-d12	23.89	264	130033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	103418	140.10	ng	0.00
7) Phenol-d6	7.23	99	116291	117.21	ng	0.00
23) Nitrobenzene-d5	9.24	82	119748	114.67	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	103504	211.86	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	299918	96.42	ng	0.00
78) Terphenyl-d14	20.03	244	918548	118.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	2673	2.968	ng	Qvalue # 36
76) Benzidine	19.67	184	12332	4.790	ng	97

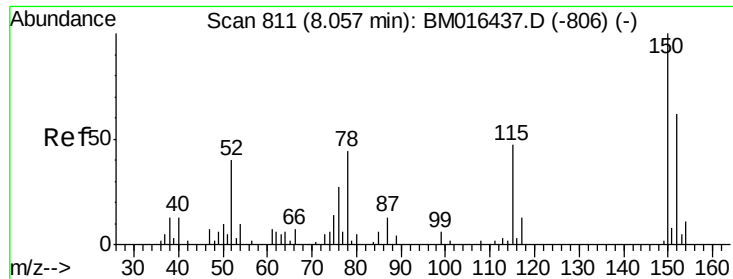
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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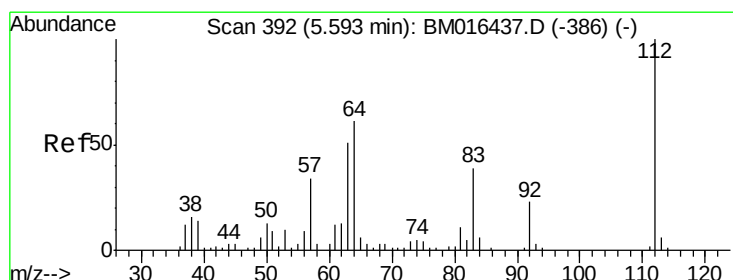
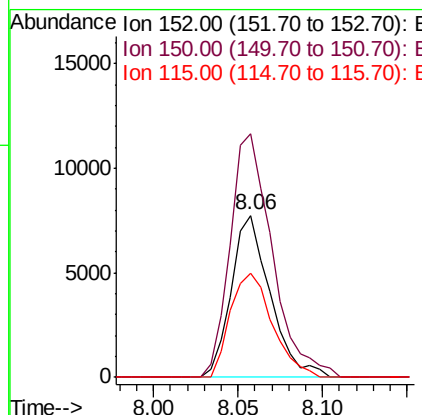
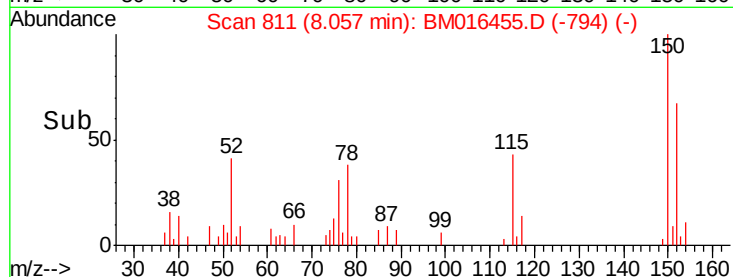
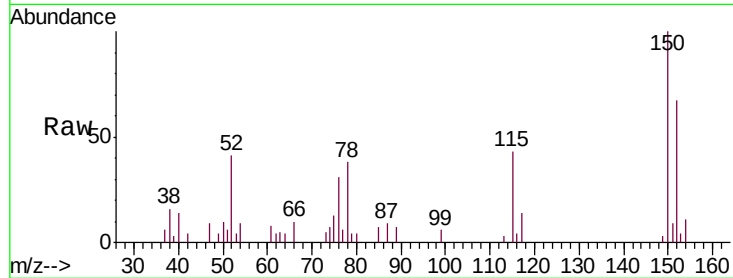




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

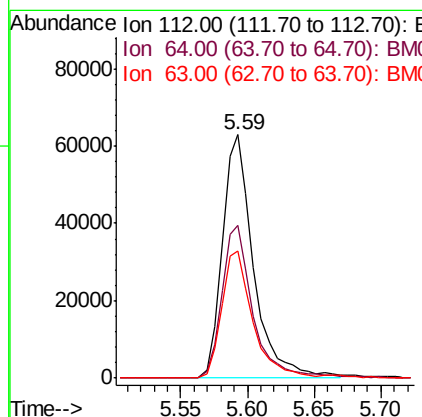
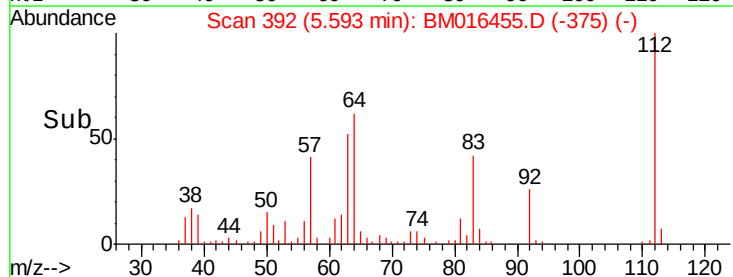
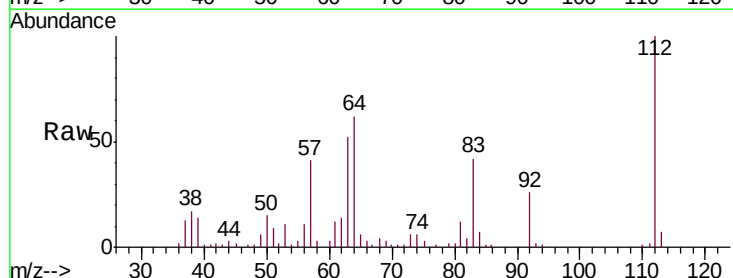
Instrument :
 BNA_M
 ClientSampleId :
 TP-12

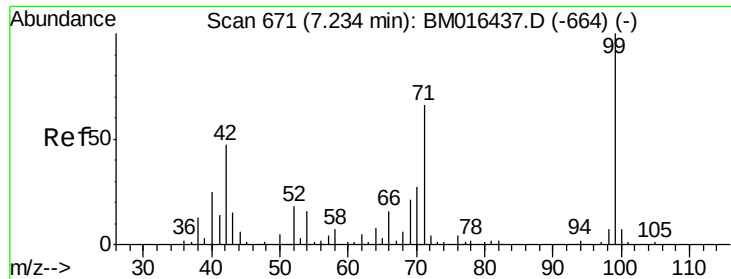
Tgt Ion:152 Resp: 12405
 Ion Ratio Lower Upper
 152 100
 150 150.3 119.5 179.3
 115 64.6 43.0 64.4#



#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Tgt Ion:112 Resp: 103418
 Ion Ratio Lower Upper
 112 100
 64 62.5 38.6 57.8#
 63 52.5 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Instrument :

BNA_M

ClientSampled :

TP-12

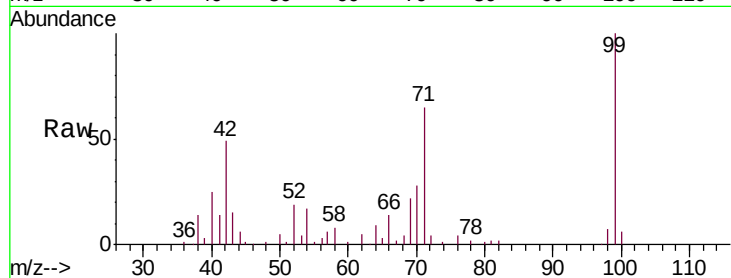
Tgt Ion: 99 Resp: 116291

Ion Ratio Lower Upper

99 100

42 49.0 11.0 16.4#

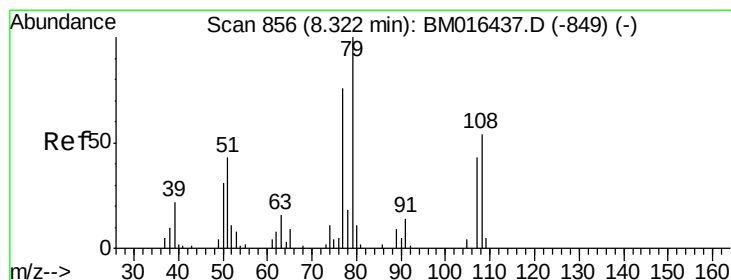
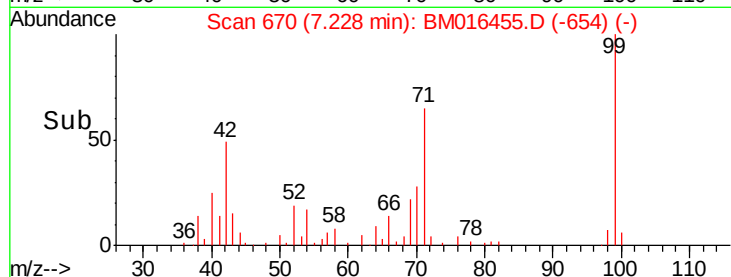
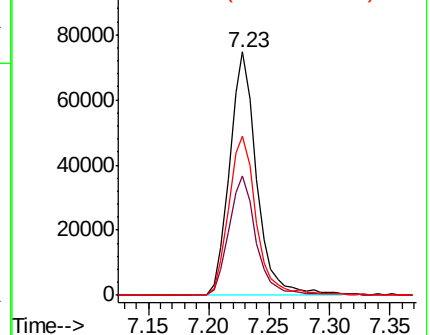
71 65.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#15

Benzyl Alcohol

Concen: 2.968 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.05 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

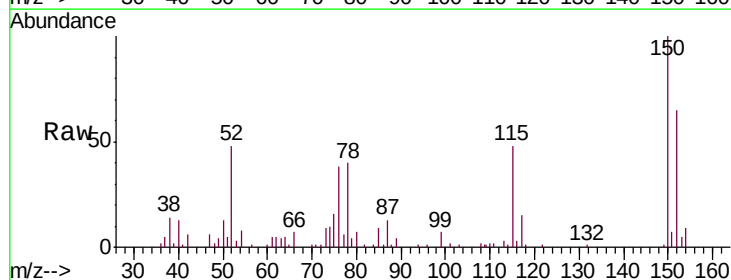
Tgt Ion: 79 Resp: 2673

Ion Ratio Lower Upper

79 100

108 63.1 65.0 97.4#

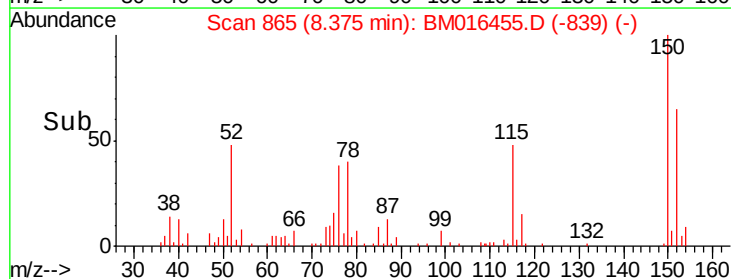
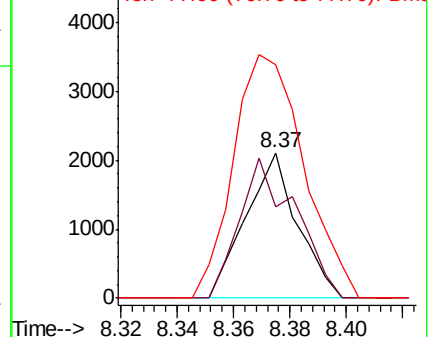
77 160.7 53.0 79.6#

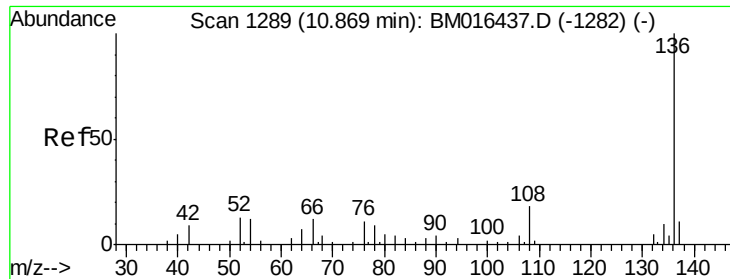


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

Ion 108.00 (107.70 to 108.70): BM016437.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM016437.D (-849) (-)

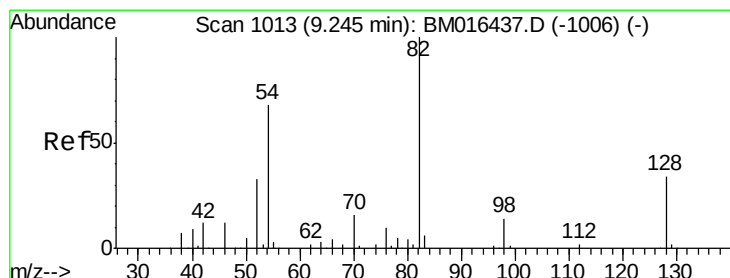
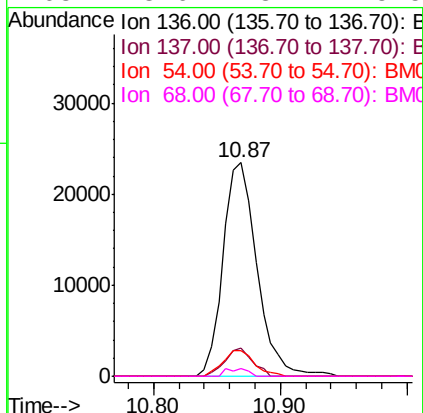
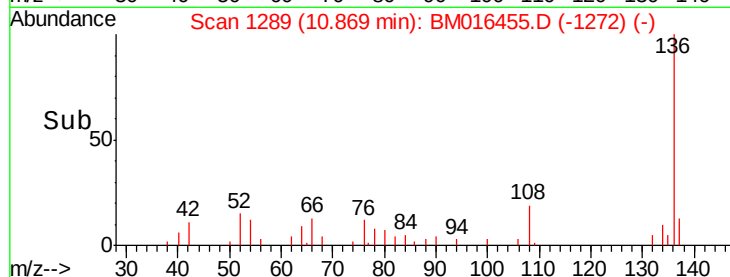
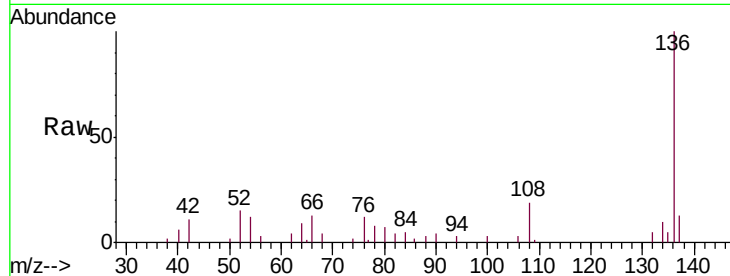




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

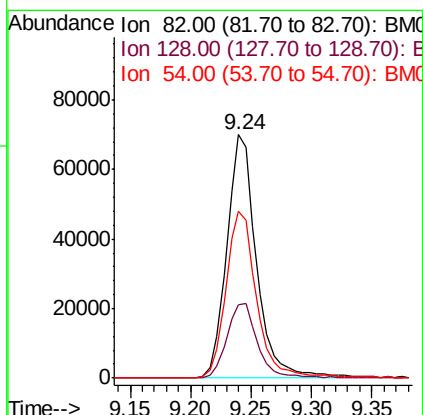
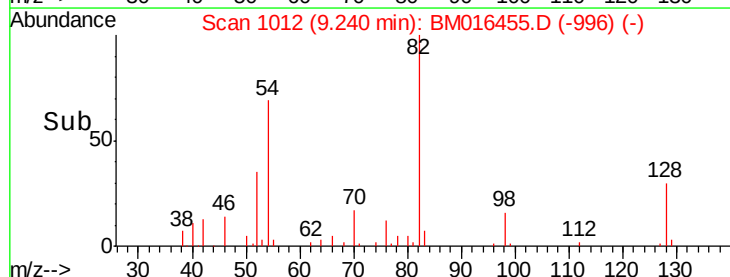
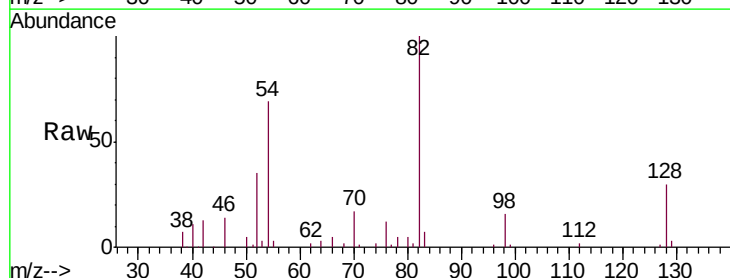
Instrument :
BNA_M
ClientSampleId :
TP-12

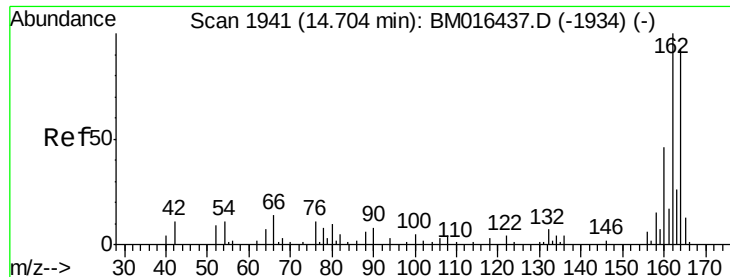
Tgt Ion: 136 Resp: 43492
Ion Ratio Lower Upper
136 100
137 13.1 8.7 13.1#
54 11.8 4.6 6.8#
68 3.6 3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

Tgt Ion: 82 Resp: 119748
Ion Ratio Lower Upper
82 100
128 30.2 32.8 49.2#
54 68.8 40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Instrument :

BNA_M

ClientSampleId :

TP-12

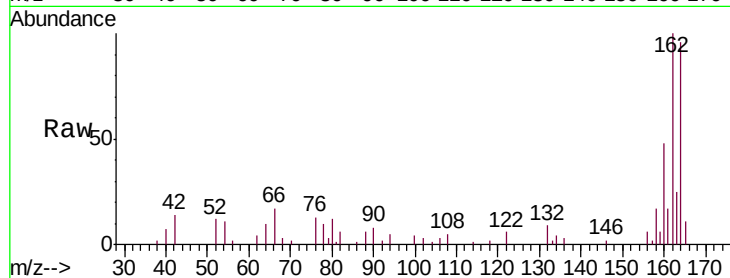
Tgt Ion:164 Resp: 32346

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

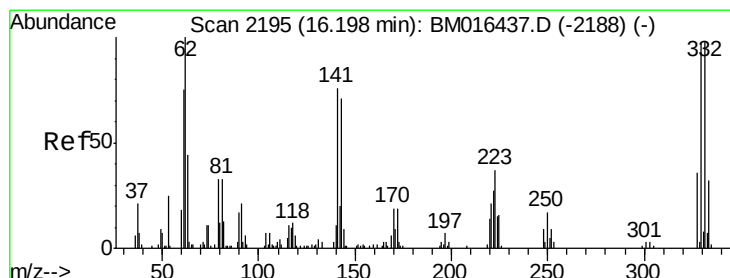
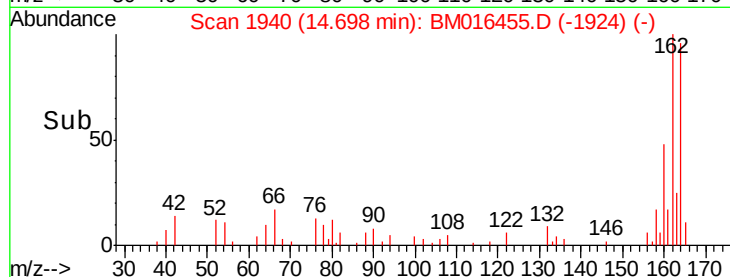
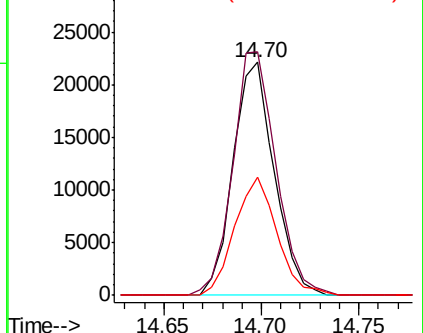
160 50.5 35.8 53.6



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: 16.19 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

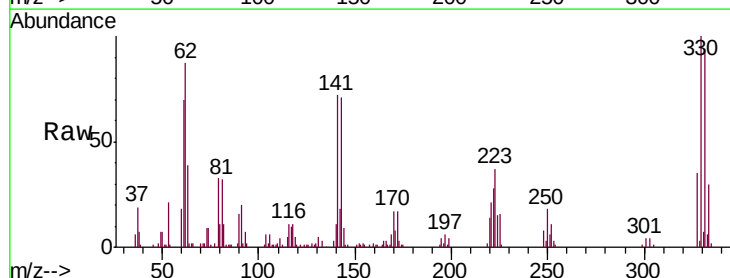
Tgt Ion:330 Resp: 103504

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

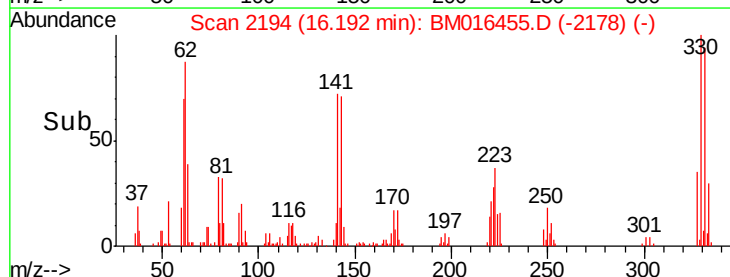
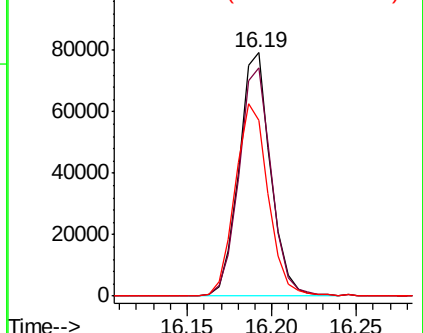
141 82.4 0.0 0.0#

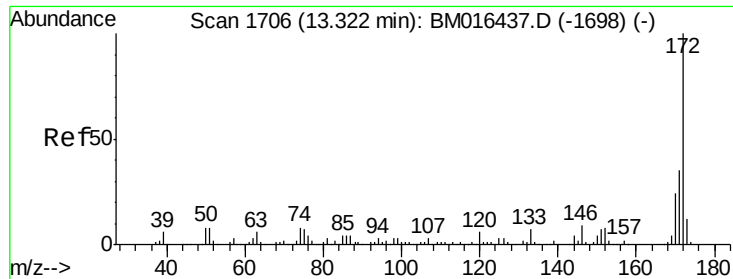


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

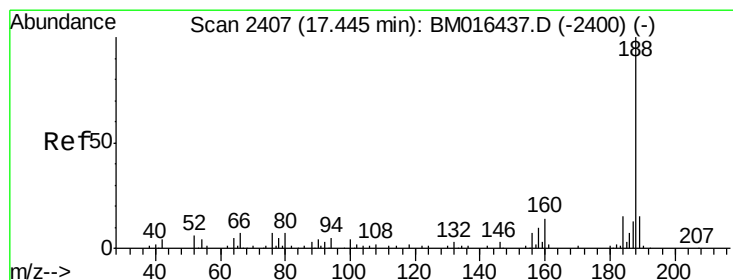
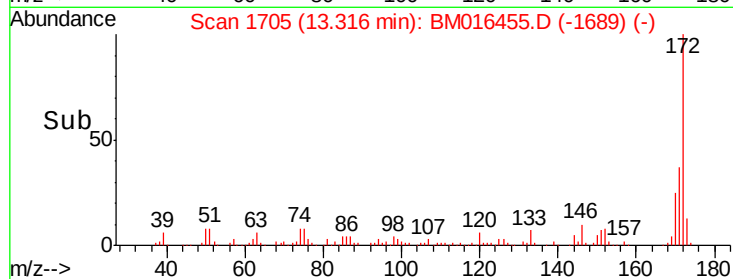
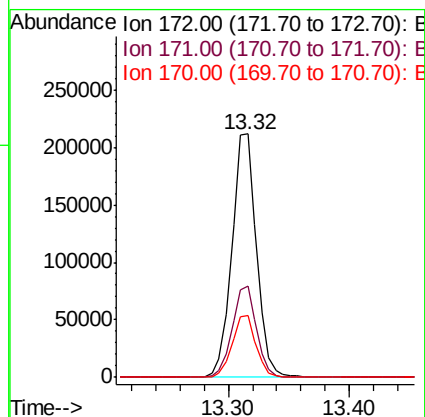
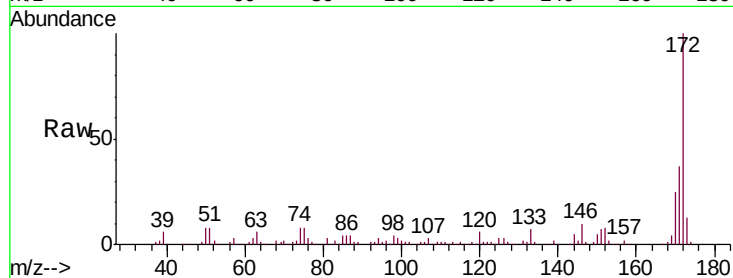




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

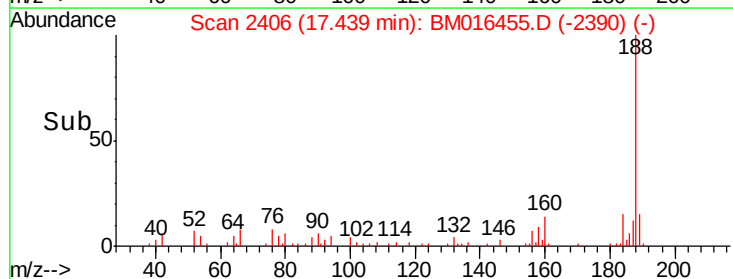
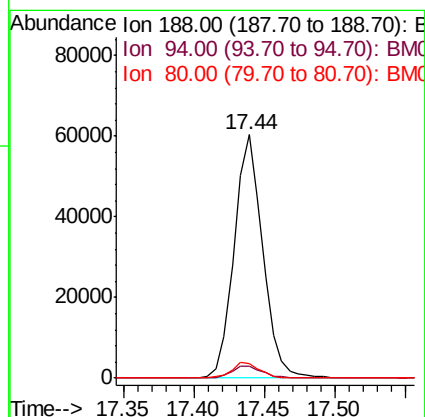
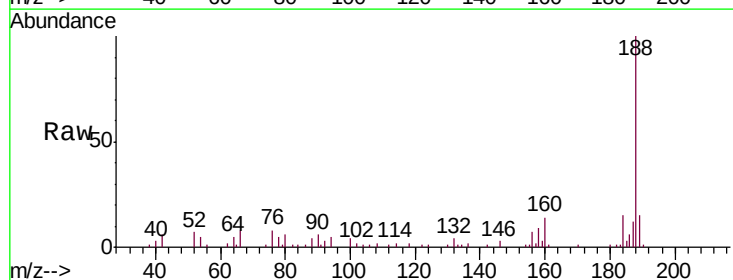
Instrument :
 BNA_M
 ClientSampled :
 TP-12

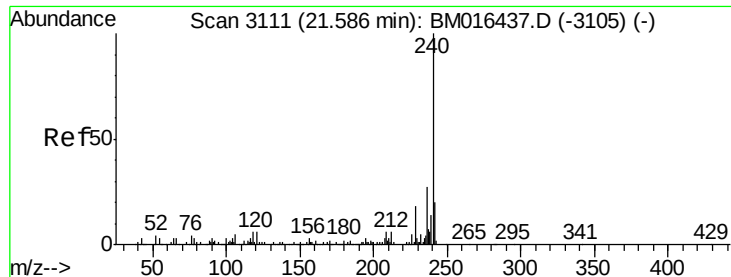
Tgt Ion:172 Resp: 299918
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.5 42.7
 170 25.2 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016455.D
 Acq: 18 Aug 2018 01:57

Tgt Ion:188 Resp: 85112
 Ion Ratio Lower Upper
 188 100
 94 4.8 8.7 13.1#
 80 5.7 9.3 13.9#

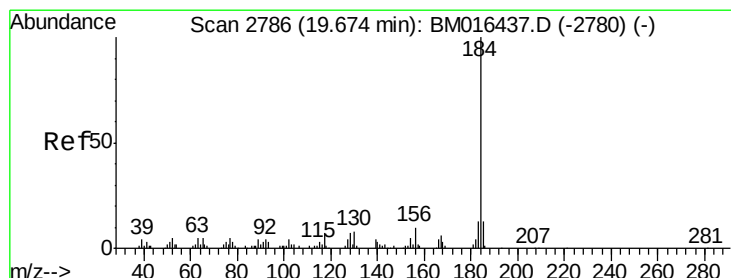
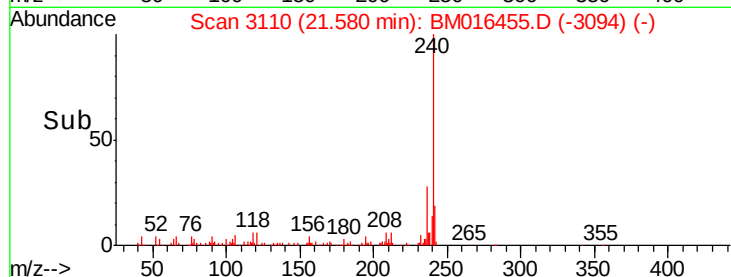
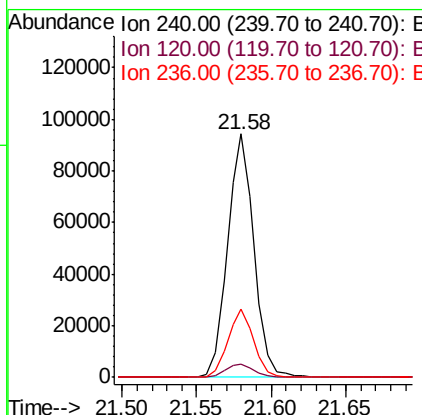
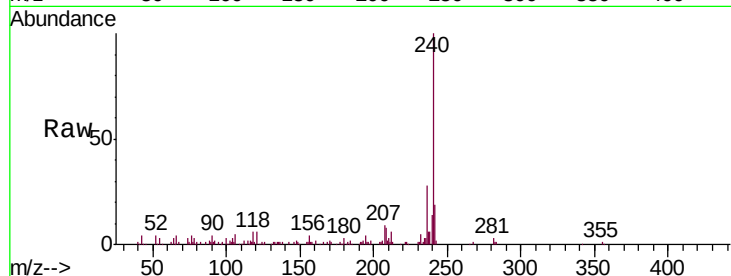




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

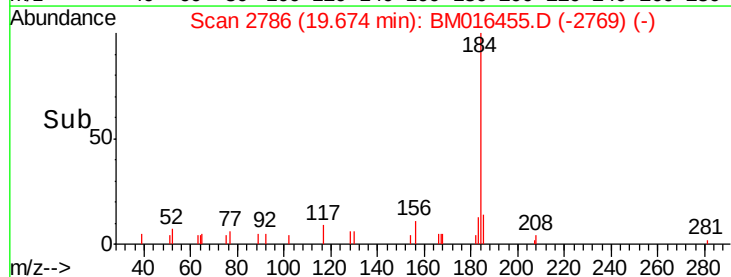
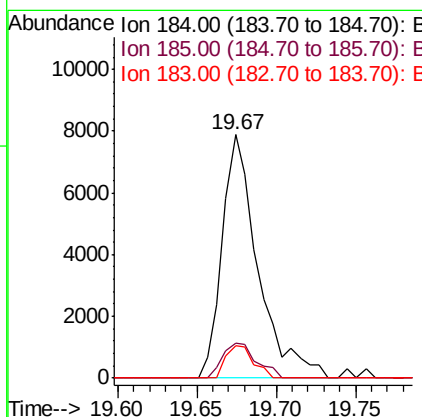
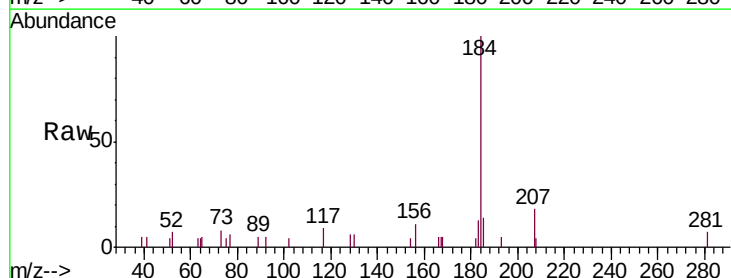
Instrument :
BNA_M
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TP-12

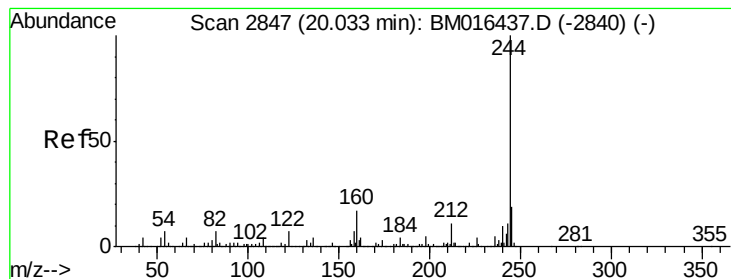
Tgt Ion: 240 Resp: 116976
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 28.2 20.0 30.0



#76
Benzidine
Concen: 4.790 ng
RT: 19.67 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM016455.D
Acq: 18 Aug 2018 01:57

Tgt Ion: 184 Resp: 12332
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 13.2 8.9 13.3





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

Instrument :

BNA_M

ClientSampleId :

TP-12

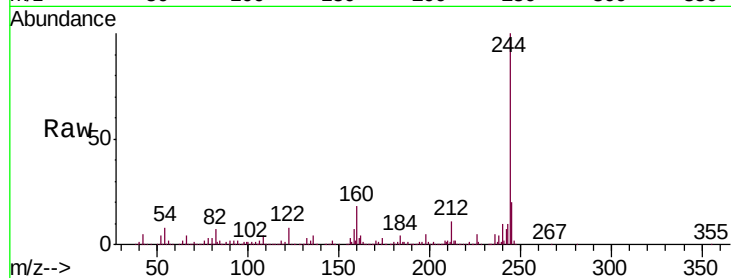
Tgt Ion:244 Resp: 918548

Ion Ratio Lower Upper

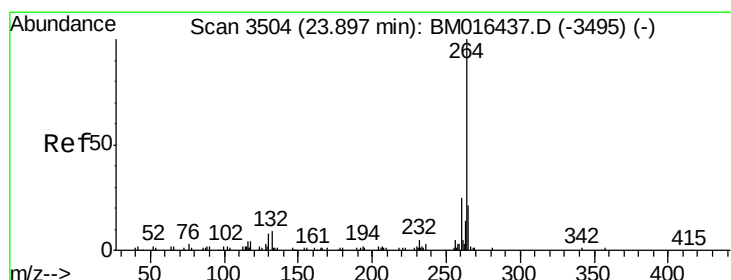
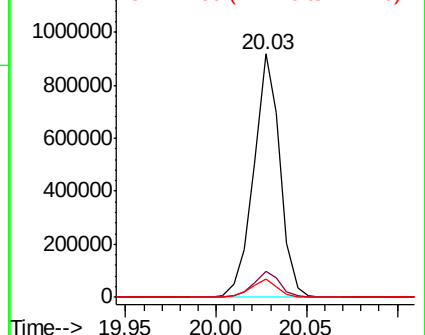
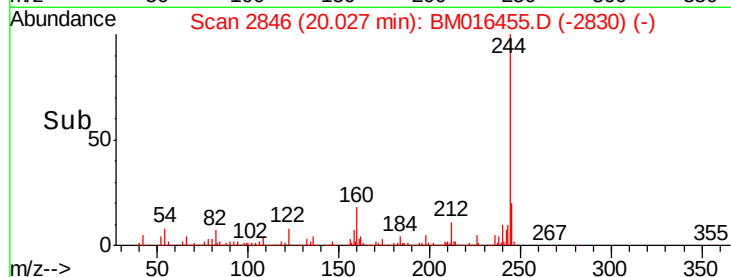
244 100

212 10.9 4.9 7.3#

122 7.7 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: 23.89 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM016455.D

Acq: 18 Aug 2018 01:57

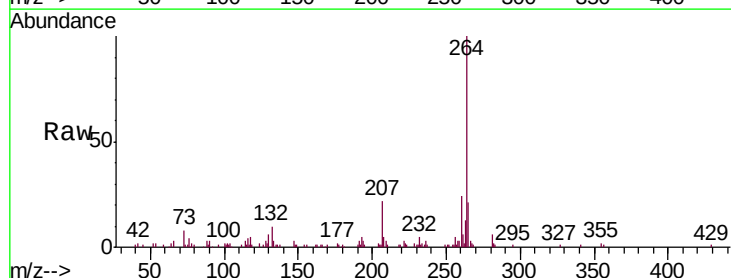
Tgt Ion:264 Resp: 130033

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.1 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

