

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081718\
 Data File : BM016444.D
 Acq On : 17 Aug 2018 19:15
 Operator : SJ/JU
 Sample : J4269-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-081518-A

Quant Time: Aug 18 00:14:10 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

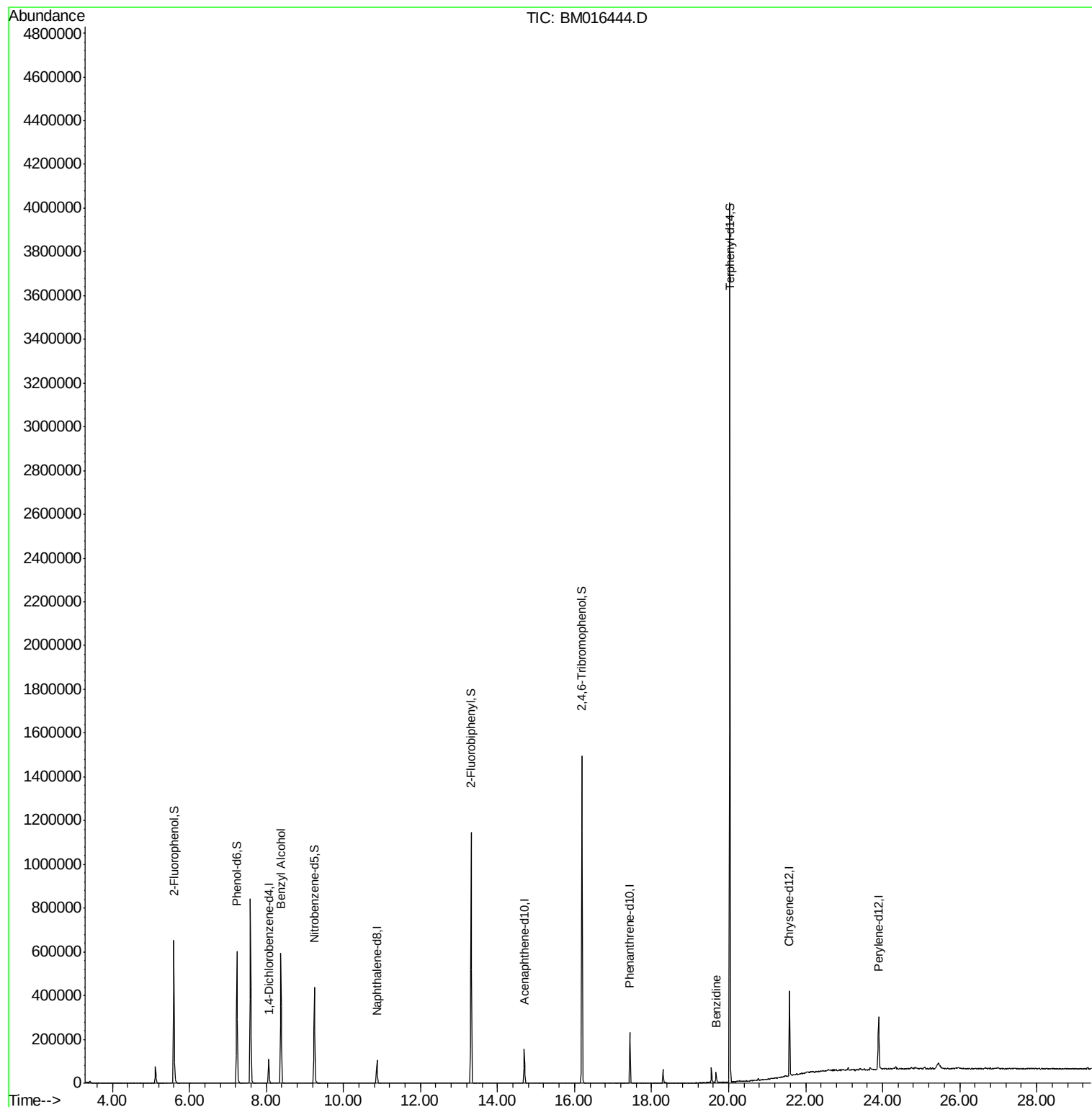
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20834	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	70299	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	39116	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	102015	20.00	ng	0.00
75) Chrysene-d12	21.58	240	144968	20.00	ng	0.00
86) Perylene-d12	23.89	264	151234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	188912	152.38	ng	0.00
7) Phenol-d6	7.23	99	203039	121.85	ng	0.00
23) Nitrobenzene-d5	9.25	82	197462	116.98	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	126848	214.71	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	394172	104.78	ng	0.00
78) Terphenyl-d14	20.03	244	1233694	128.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	4336	2.867	ng	Qvalue # 6
76) Benzidine	19.67	184	24758	7.760	ng	96

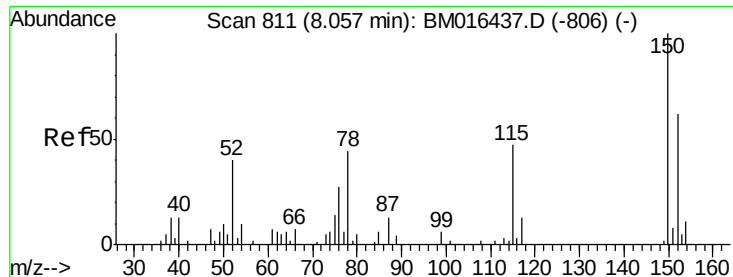
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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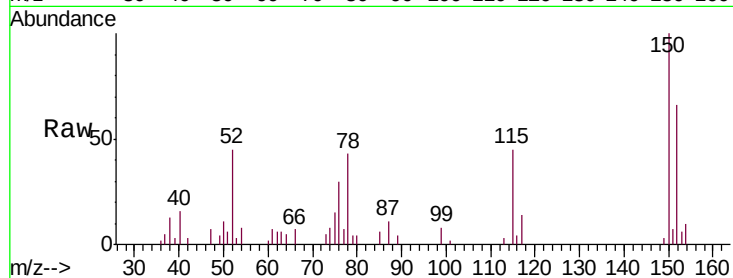


#1

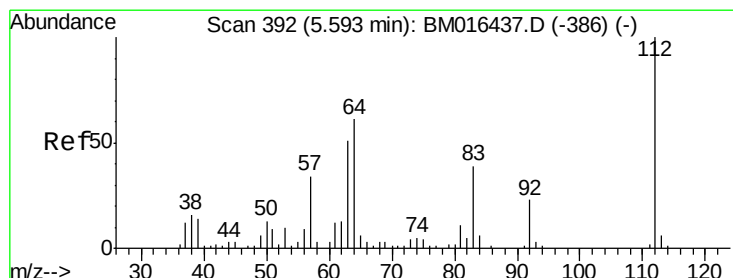
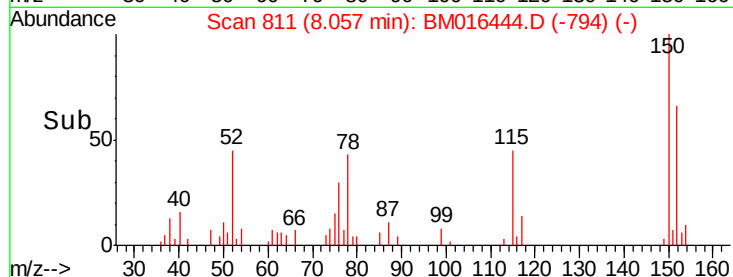
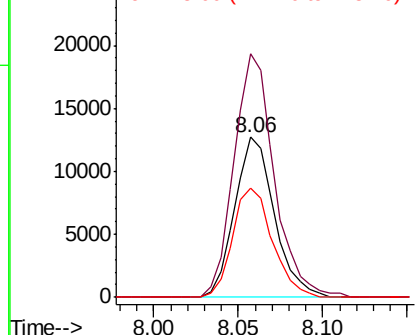
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016444.D
Acq: 17 Aug 2018 19:15

Instrument :
BNA_M
ClientSampleId :
AU-06-081518-A

Tgt Ion:152 Resp: 20834
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 68.3 43.0 64.4#



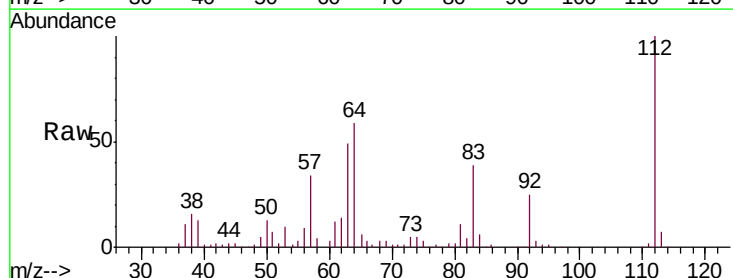
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



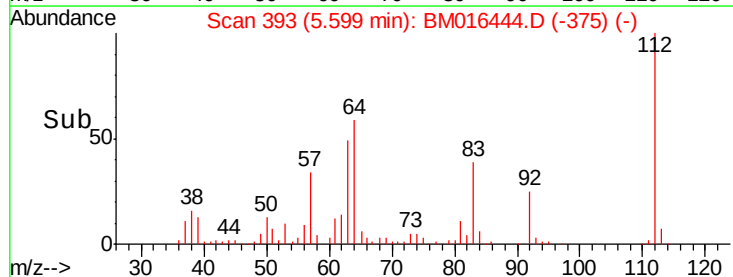
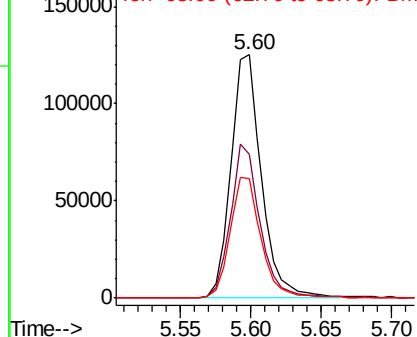
#5

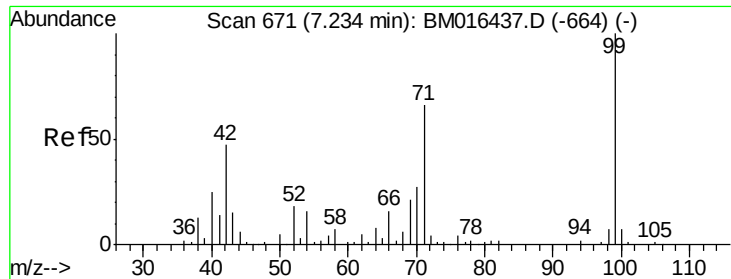
2-Fluorophenol
Concen: N.D. ng
RT: 5.60 min Scan# 393
Delta R.T. 0.01 min
Lab File: BM016444.D
Acq: 17 Aug 2018 19:15

Tgt Ion:112 Resp: 188912
Ion Ratio Lower Upper
112 100
64 59.1 38.6 57.8#
63 49.2 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: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM016444.D

Acq: 17 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

AU-06-081518-A

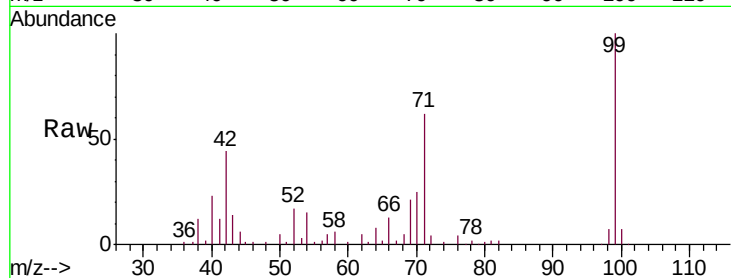
Tgt Ion: 99 Resp: 203039

Ion Ratio Lower Upper

99 100

42 43.6 11.0 16.4#

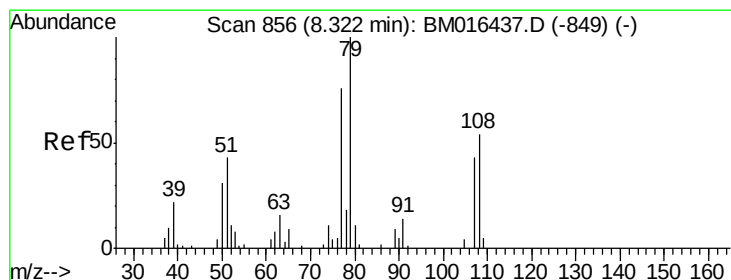
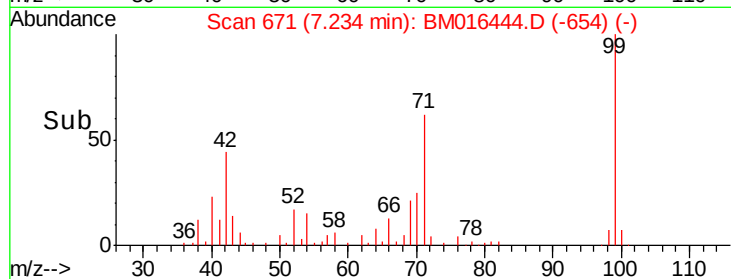
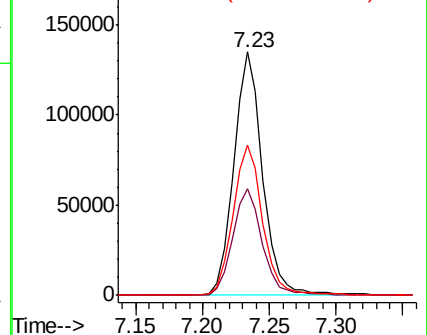
71 61.9 23.4 35.2#



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: 2.867 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.05 min

Lab File: BM016444.D

Acq: 17 Aug 2018 19:15

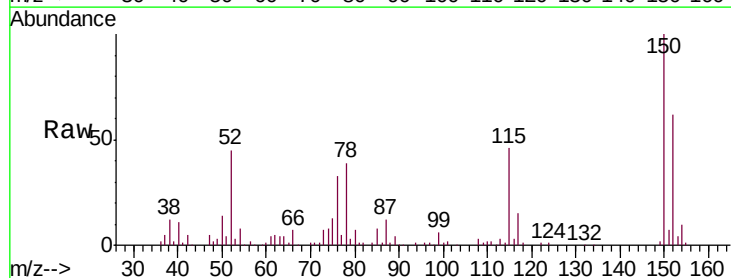
Tgt Ion: 79 Resp: 4336

Ion Ratio Lower Upper

79 100

108 111.6 65.0 97.4#

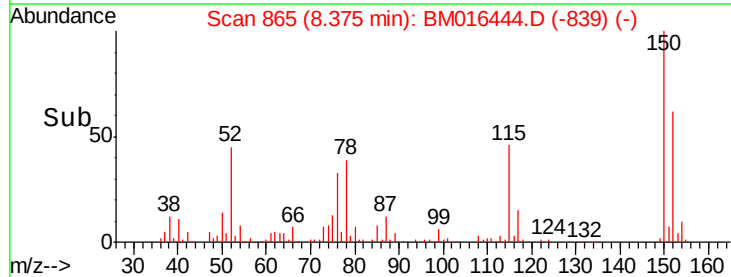
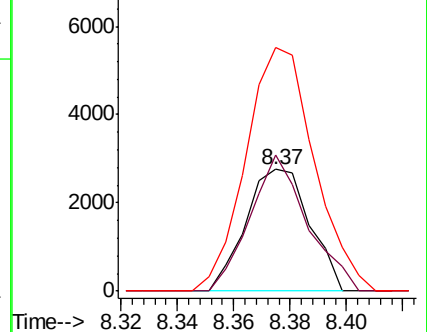
77 200.0 53.0 79.6#

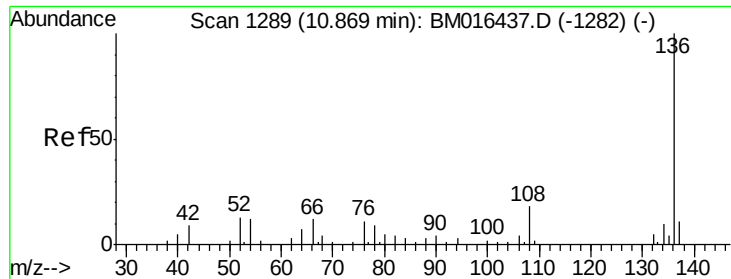


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

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

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

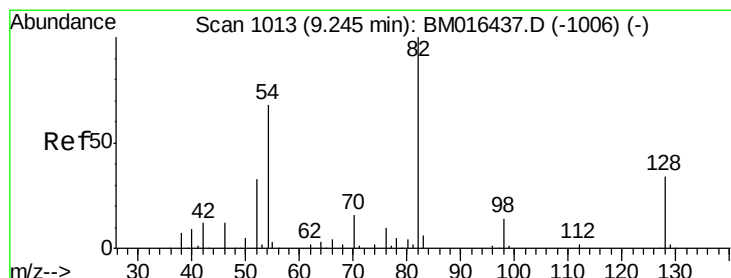
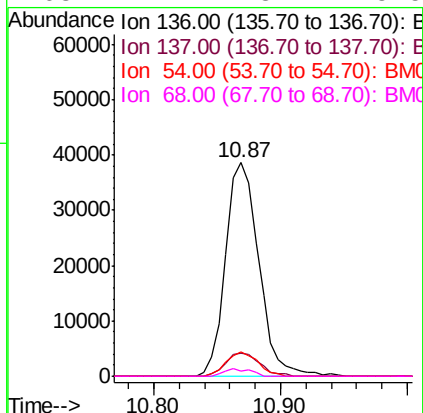
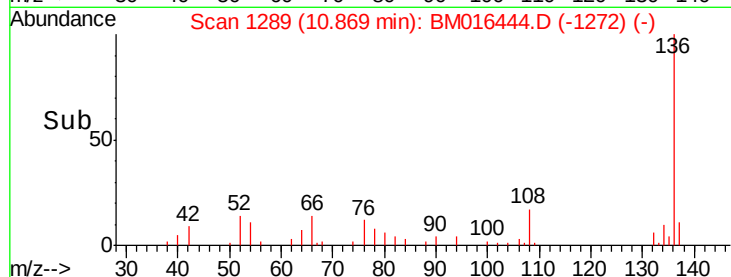
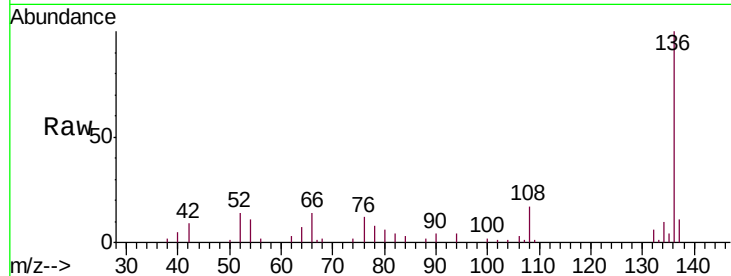




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016444.D
Acq: 17 Aug 2018 19:15

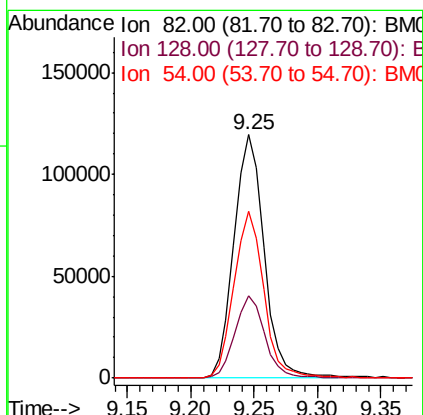
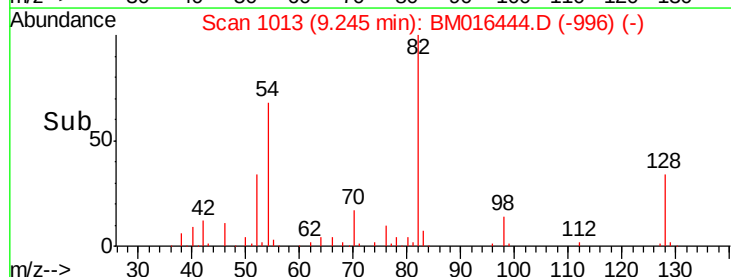
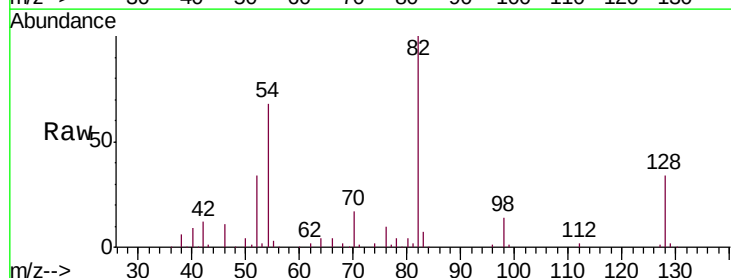
Instrument :
BNA_M
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AU-06-081518-A

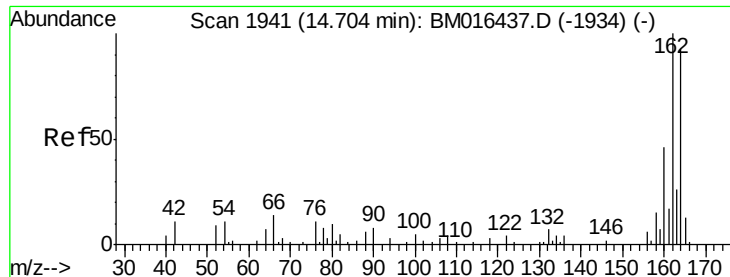
Tgt Ion: 136 Resp: 70299
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.2 4.6 6.8#
68 2.4 3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM016444.D
Acq: 17 Aug 2018 19:15

Tgt Ion: 82 Resp: 197462
Ion Ratio Lower Upper
82 100
128 33.8 32.8 49.2
54 68.3 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: BM016444.D

Acq: 17 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

AU-06-081518-A

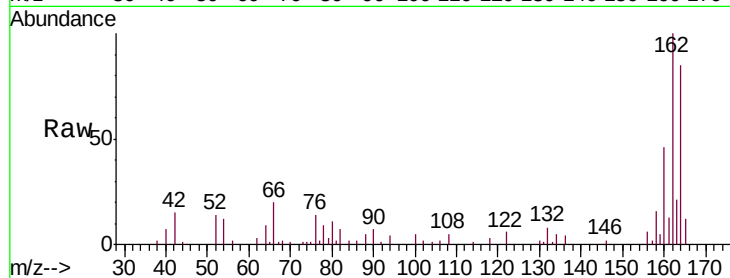
Tgt Ion:164 Resp: 39116

Ion Ratio Lower Upper

164 100

162 117.1 82.4 123.6

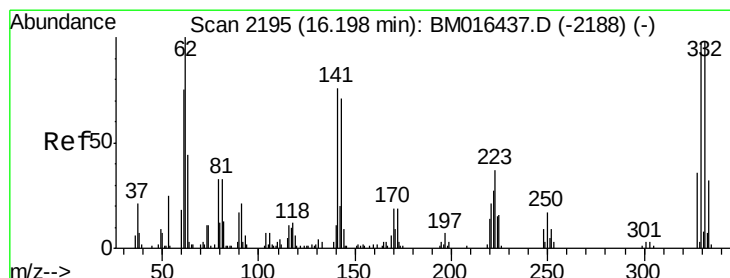
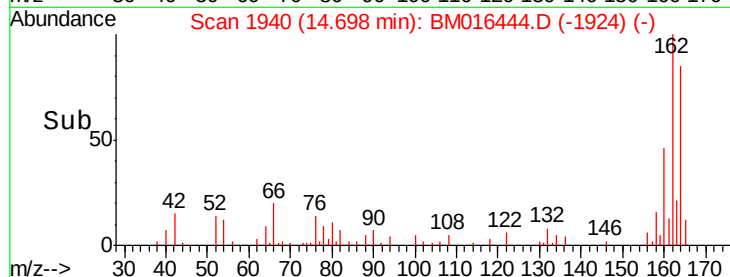
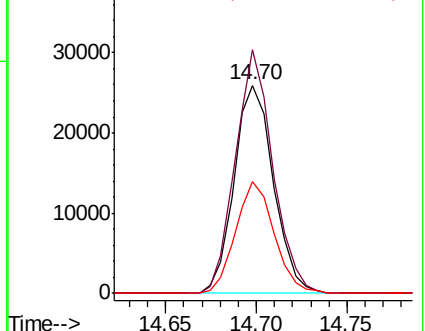
160 53.5 35.8 53.6



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: BM016444.D

Acq: 17 Aug 2018 19:15

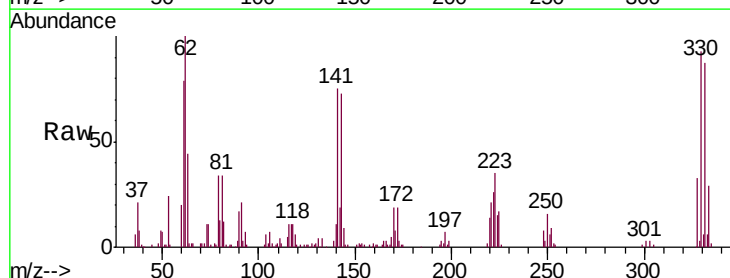
Tgt Ion:330 Resp: 126848

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

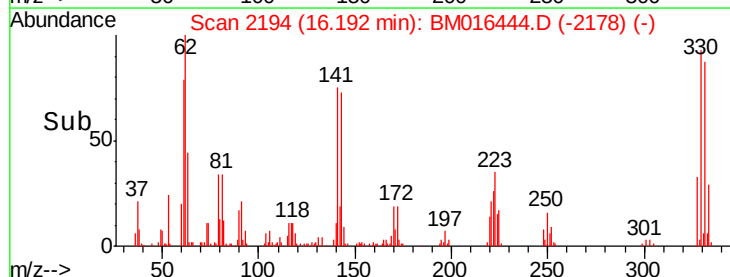
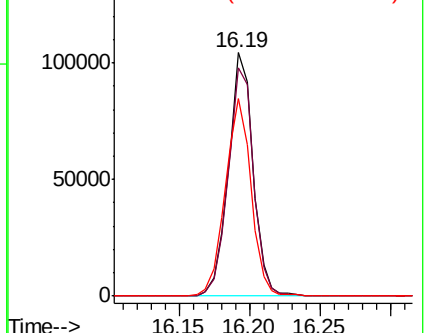
141 85.2 0.0 0.0#

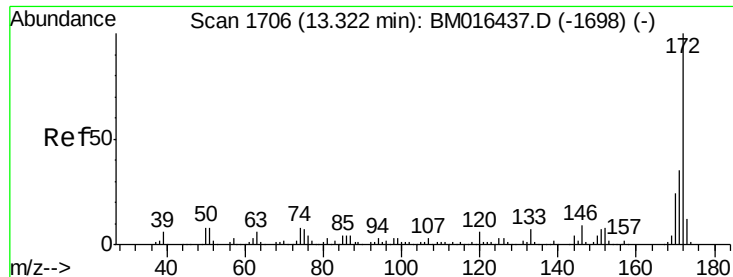


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

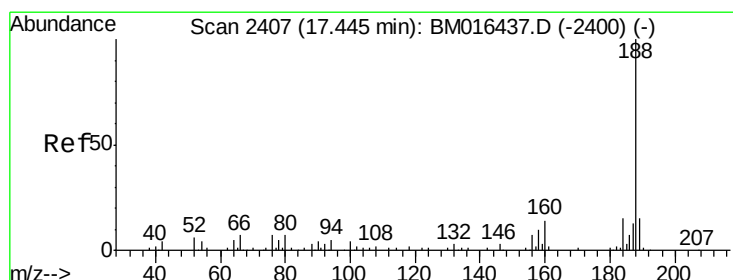
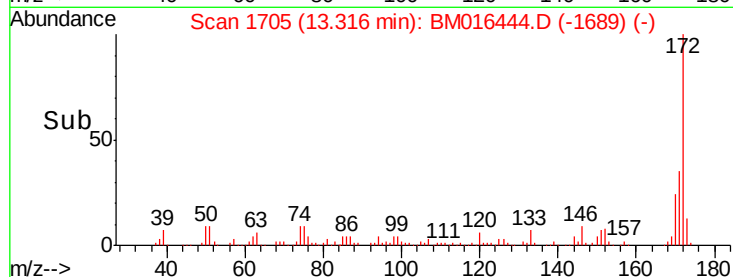
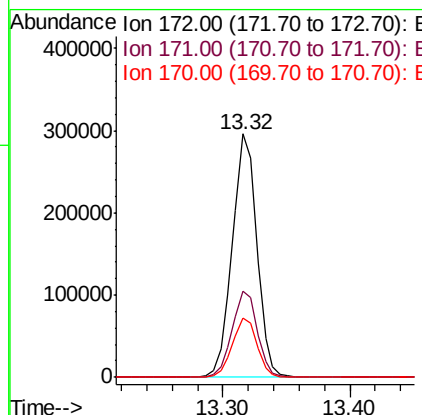
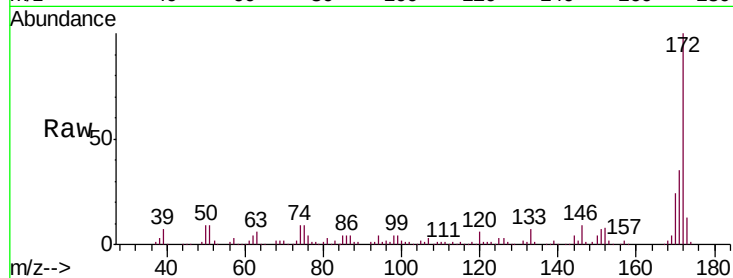




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016444.D
 Acq: 17 Aug 2018 19:15

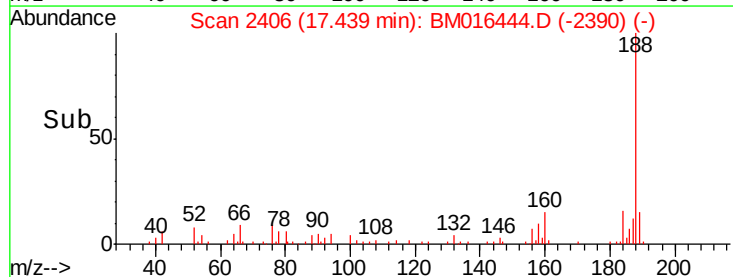
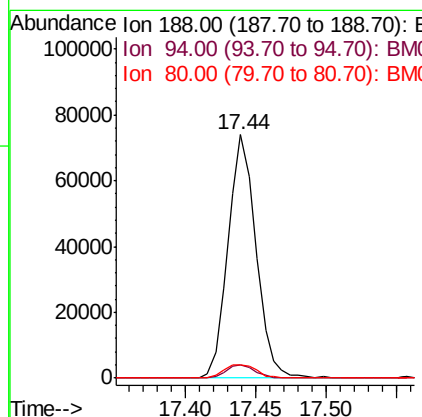
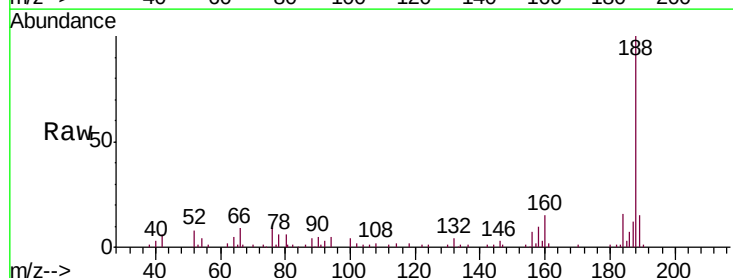
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-081518-A

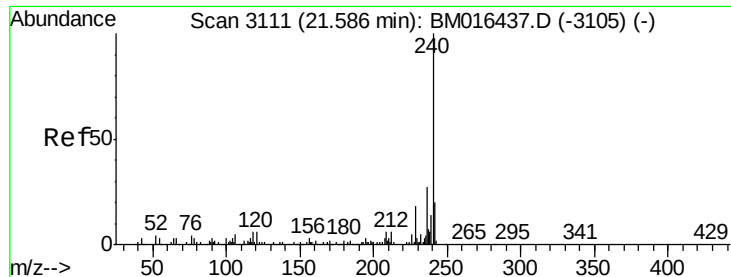
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.3	18.8	28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016444.D
 Acq: 17 Aug 2018 19:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	5.6	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: BM016444.D

Acq: 17 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

AU-06-081518-A

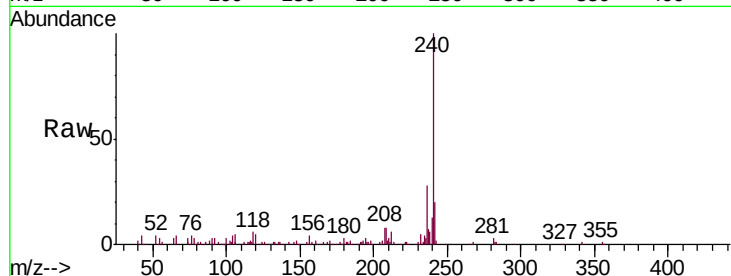
Tgt Ion:240 Resp: 144968

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

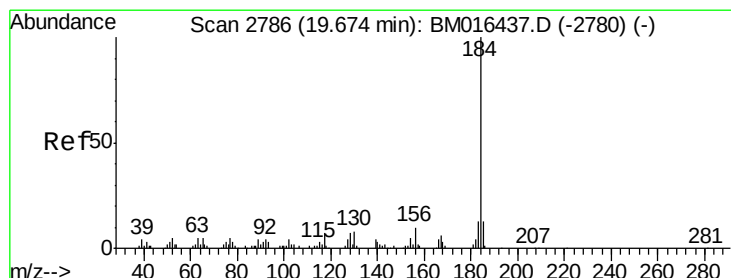
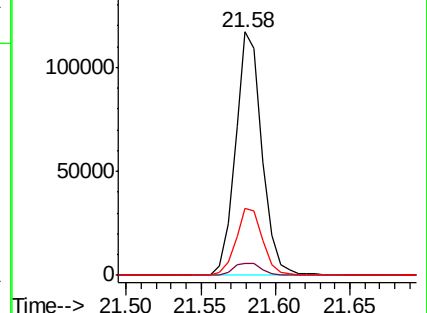
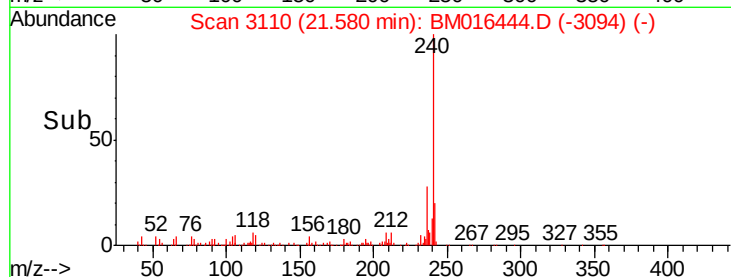
236 27.6 20.0 30.0



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: 7.760 ng

RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016444.D

Acq: 17 Aug 2018 19:15

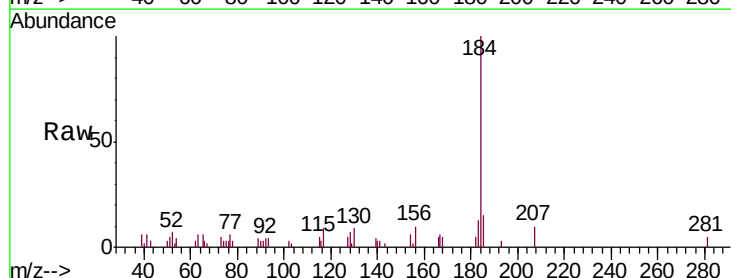
Tgt Ion:184 Resp: 24758

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

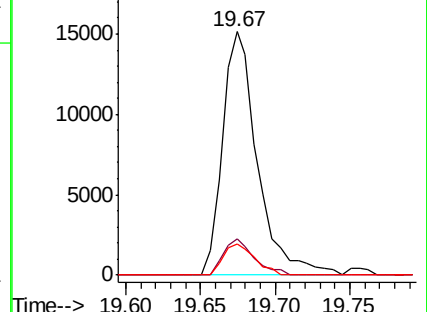
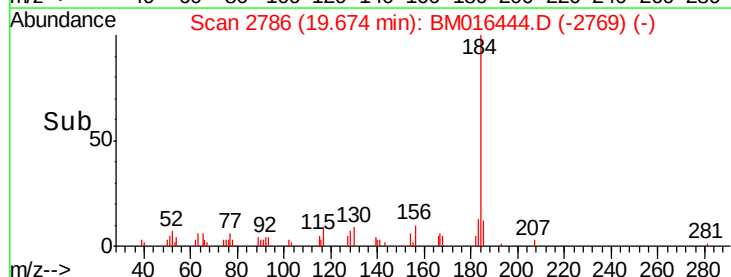
183 13.0 8.9 13.3

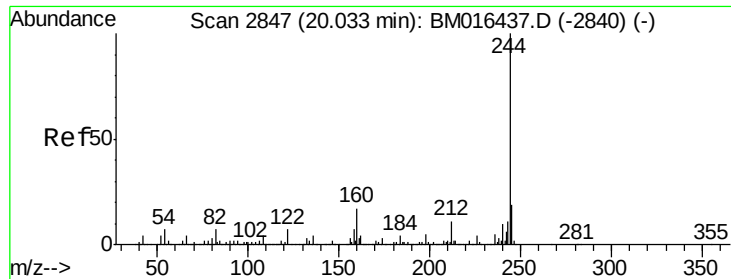


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BM016444.D

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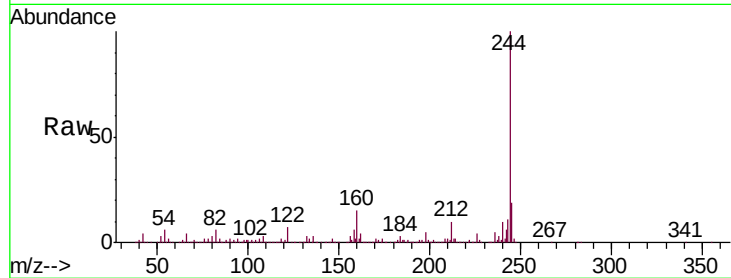
Tgt Ion:244 Resp: 1233694

Ion Ratio Lower Upper

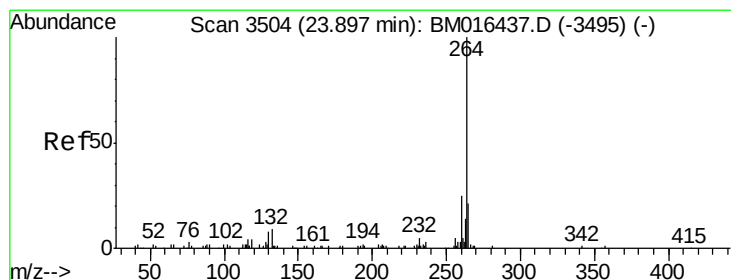
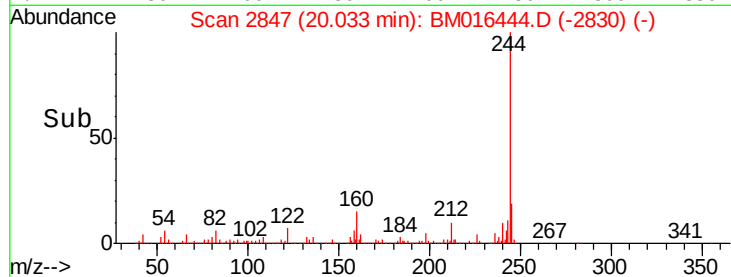
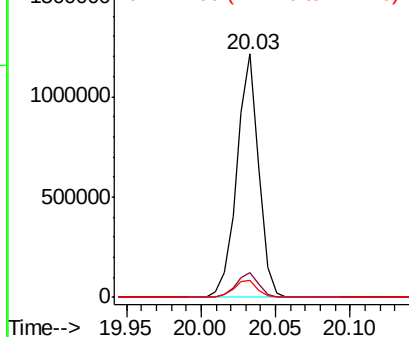
244 100

212 10.1 4.9 7.3#

122 6.9 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: 23.89 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM016444.D

Acq: 17 Aug 2018 19:15

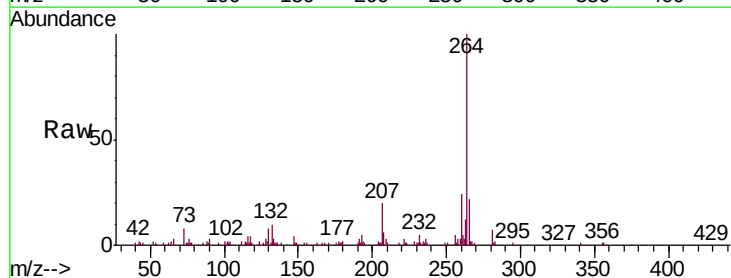
Tgt Ion:264 Resp: 151234

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.0 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

