

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016467.D
 Acq On : 18 Aug 2018 11:03
 Operator : SJ/JU
 Sample : J4521-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:16:31 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

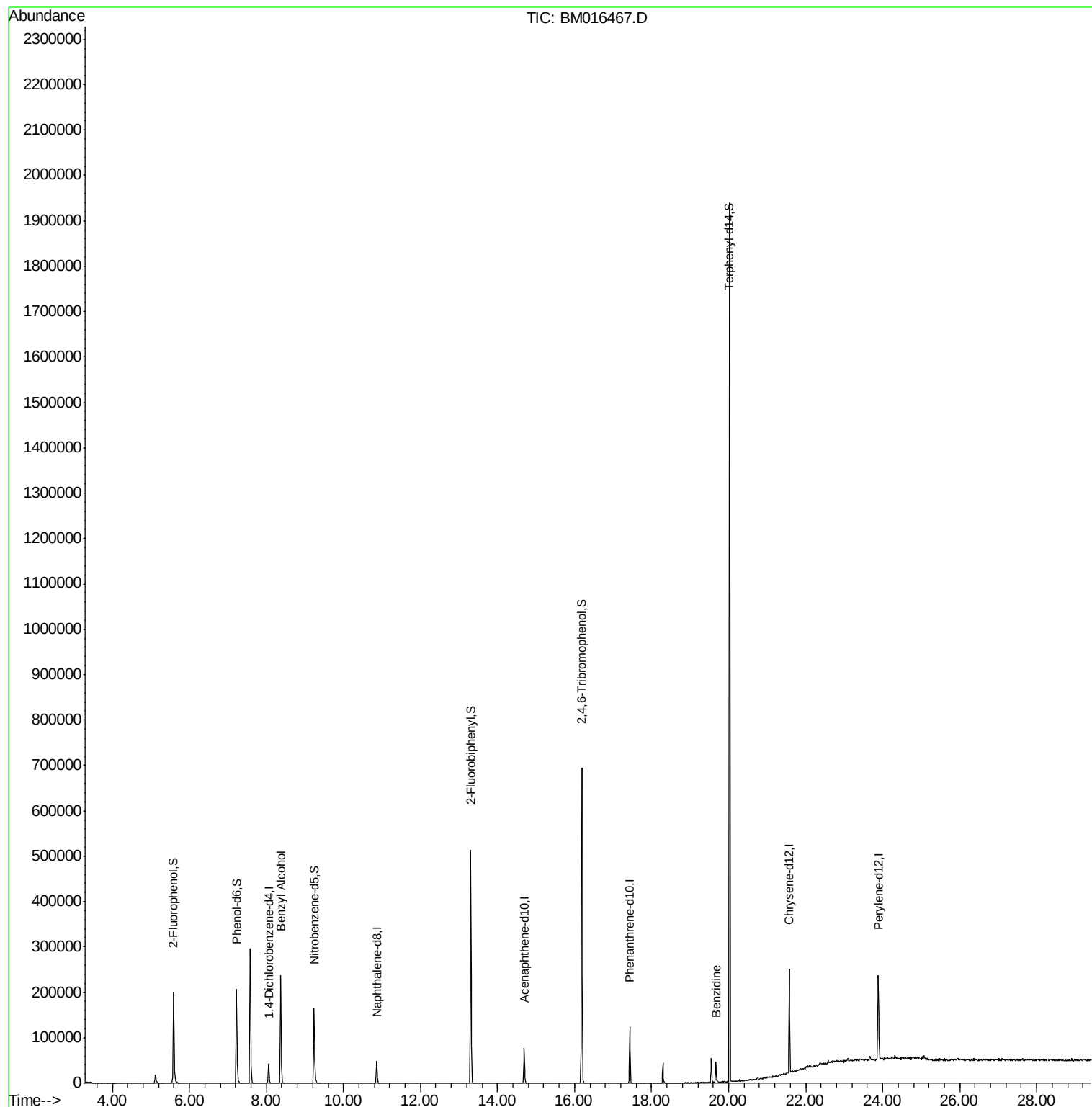
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	8767	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	30721	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	19946	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	55758	20.00	ng	0.00
75) Chrysene-d12	21.58	240	88838	20.00	ng	0.00
86) Perylene-d12	23.89	264	121421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	59118	113.32	ng	0.00
7) Phenol-d6	7.22	99	68414	97.57	ng	-0.01
23) Nitrobenzene-d5	9.24	82	74803	101.41	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	49757	165.16	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	164209	85.61	ng	-0.01
78) Terphenyl-d14	20.03	244	570435	97.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	1600	2.514	ng	Qvalue # 1
76) Benzidine	19.67	184	20193	10.328	ng	96

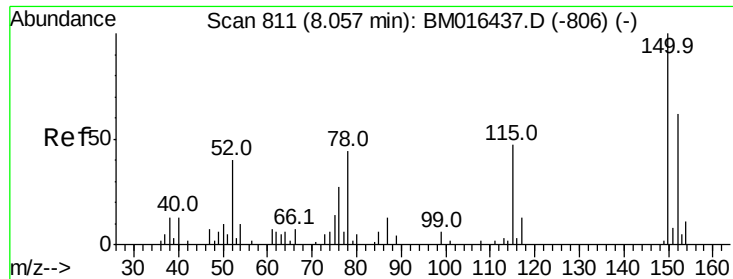
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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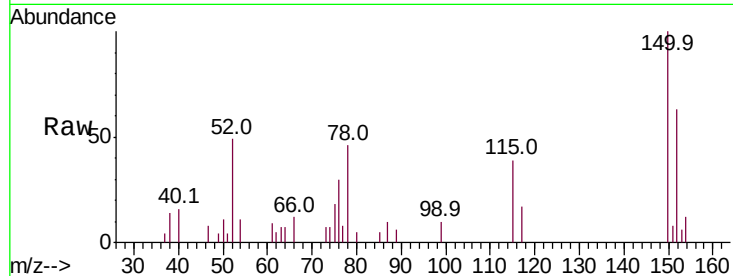


#1

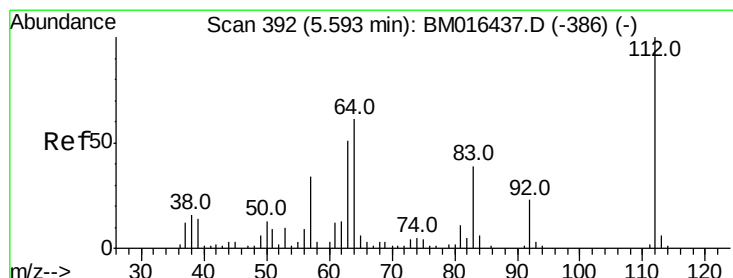
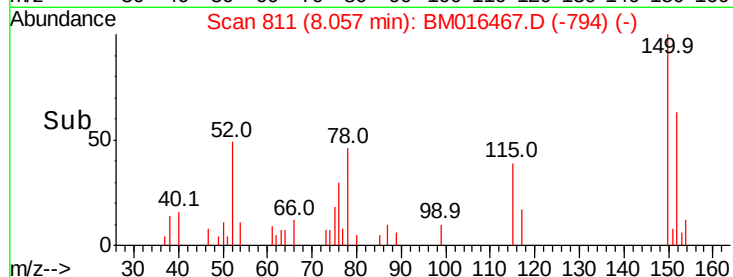
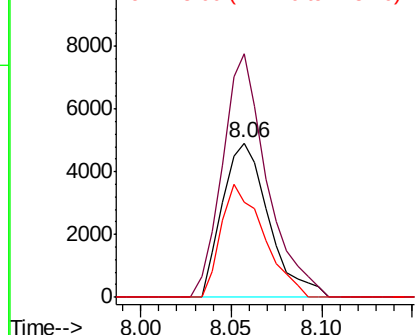
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016467.D
Acq: 18 Aug 2018 11:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 8767
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 62.1 43.0 64.4



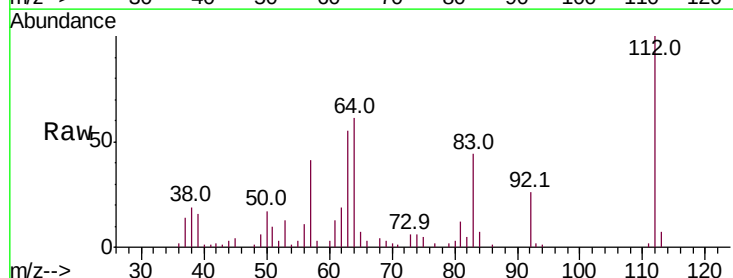
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



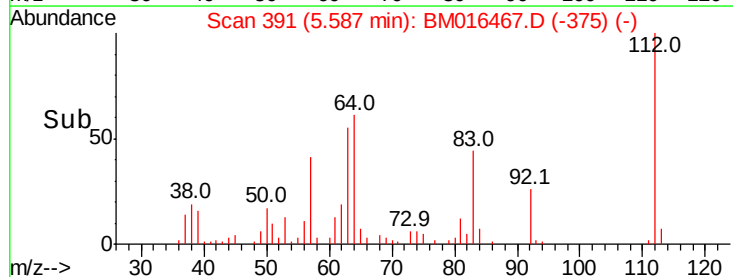
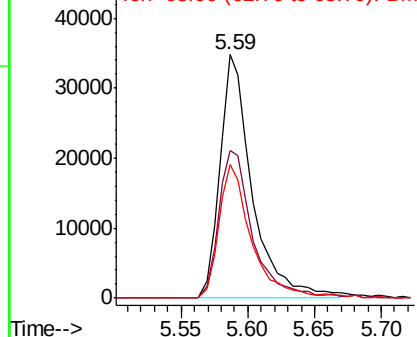
#5

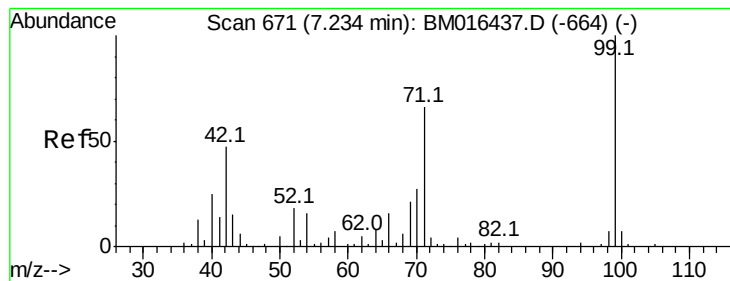
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016467.D
Acq: 18 Aug 2018 11:03

Tgt Ion:112 Resp: 59118
Ion Ratio Lower Upper
112 100
64 60.7 38.6 57.8#
63 55.0 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: N.D. ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016467.D

Acq: 18 Aug 2018 11:03

Instrument :

BNA_M

ClientSampleId :

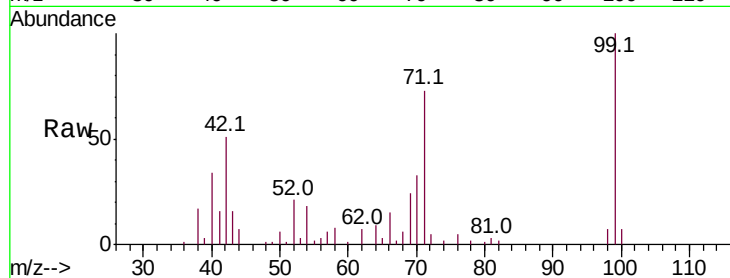
Tot Ion: 99 Resp: 68414

Ion Ratio Lower Upper

99 100

42 50.9 11.0 16.4#

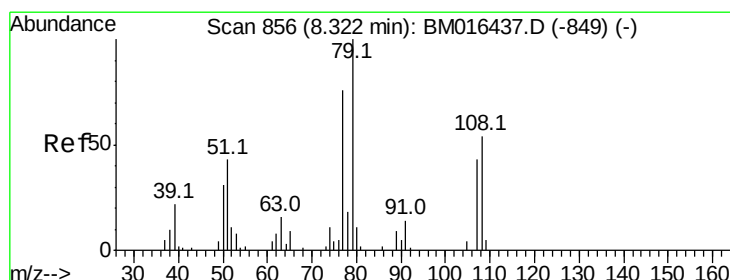
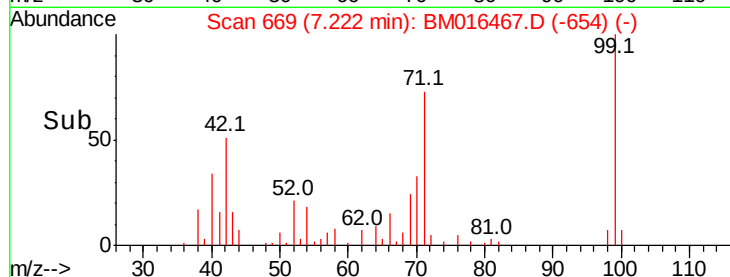
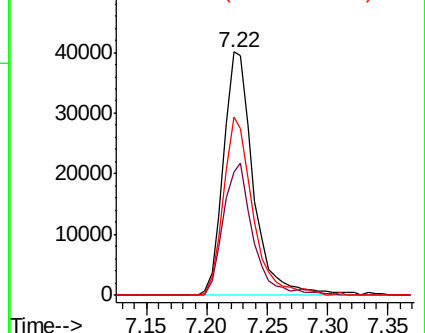
71 73.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016467.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016467.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016467.D (-664) (-)



#15

Benzyl Alcohol

Concen: 2.514 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.05 min

Lab File: BM016467.D

Acq: 18 Aug 2018 11:03

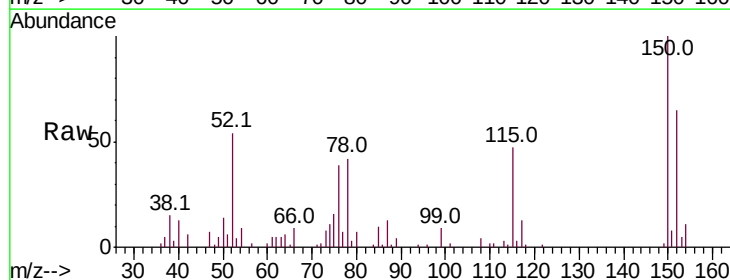
Tgt Ion: 79 Resp: 1600

Ion Ratio Lower Upper

79 100

108 148.5 65.0 97.4#

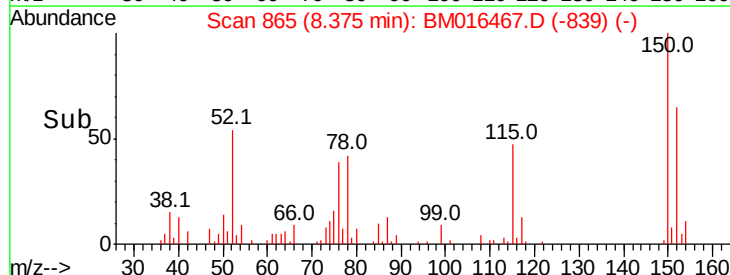
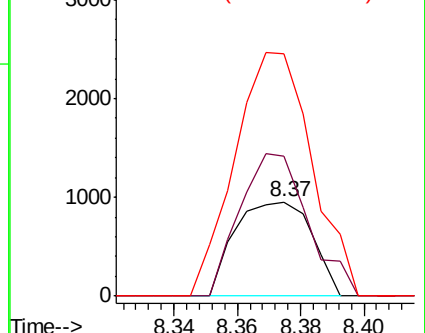
77 258.8 53.0 79.6#

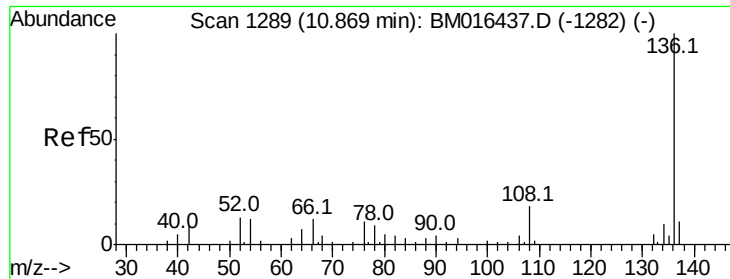


Abundance Ion 79.00 (78.70 to 79.70): BM016467.D (-849) (-)

Ion 108.00 (107.70 to 108.70): BM016467.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM016467.D (-849) (-)

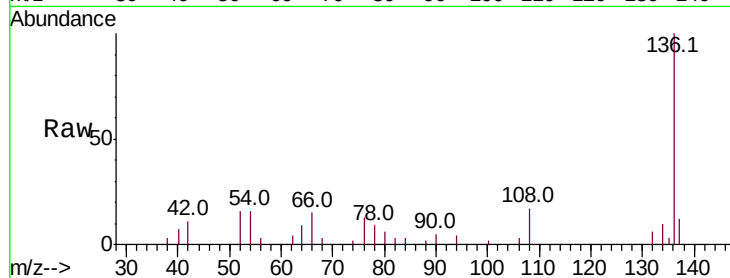




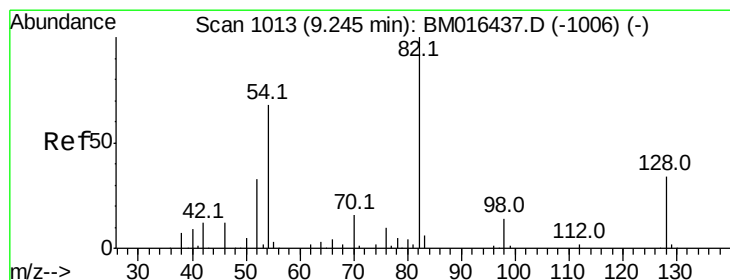
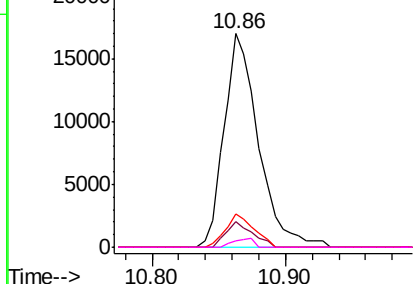
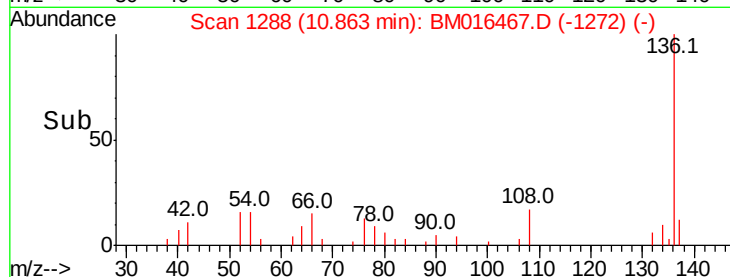
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016467.D
Acq: 18 Aug 2018 11:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	30721
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.7 13.1
54	15.7	4.6 6.8#
68	3.2	3.7 5.5#

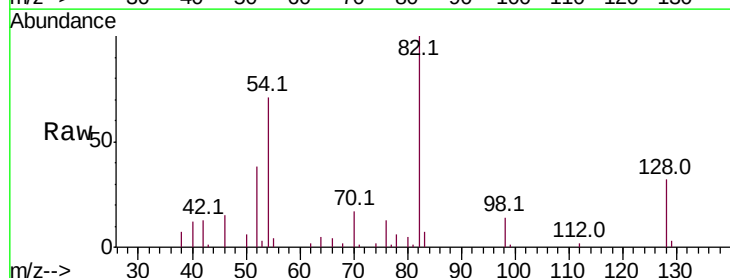


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

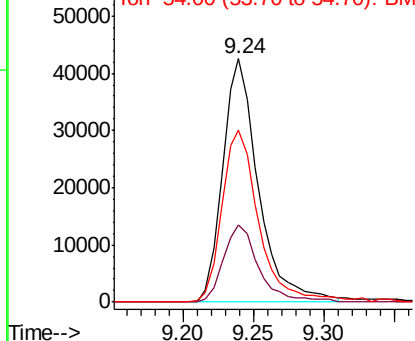
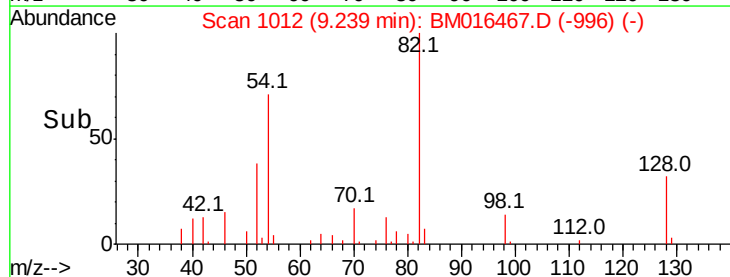


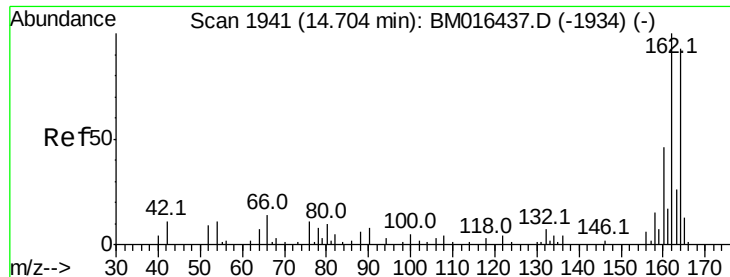
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016467.D
Acq: 18 Aug 2018 11:03

Tgt Ion: 82	Resp:	74803
Ion Ratio	Lower	Upper
82	100	
128	31.8	32.8 49.2#
54	70.9	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

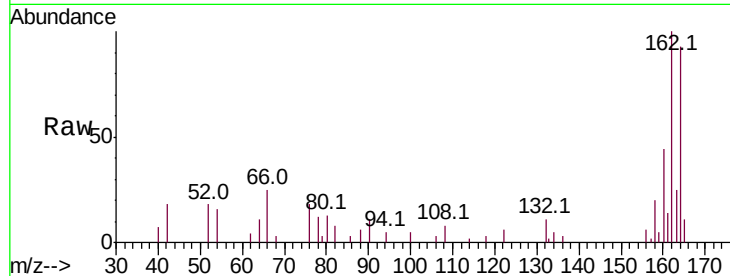




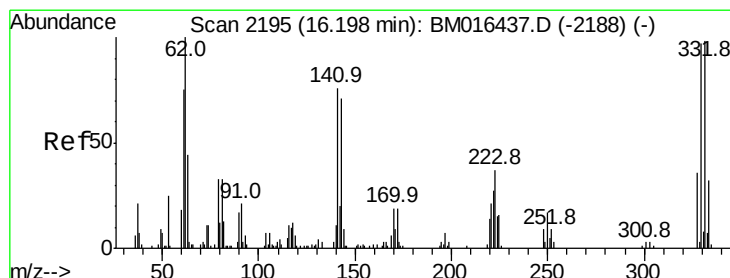
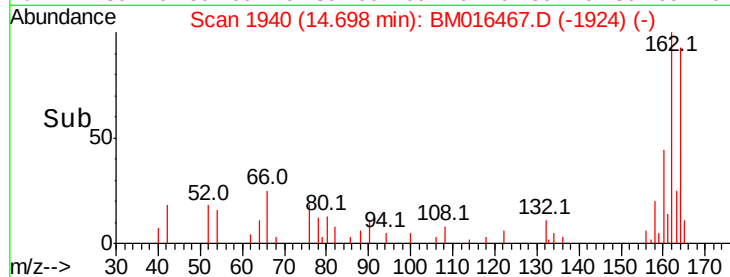
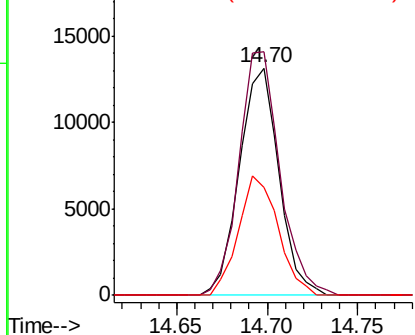
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM016467.D
 Acq: 18 Aug 2018 11:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	47.5	35.8	53.6

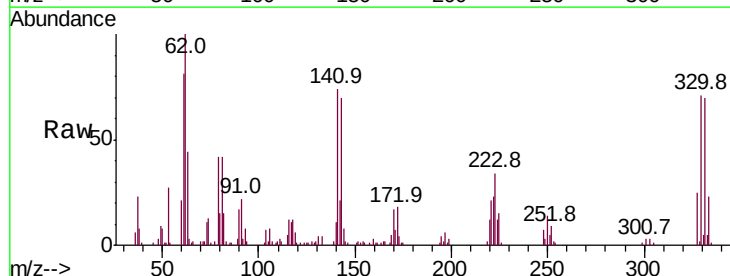


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

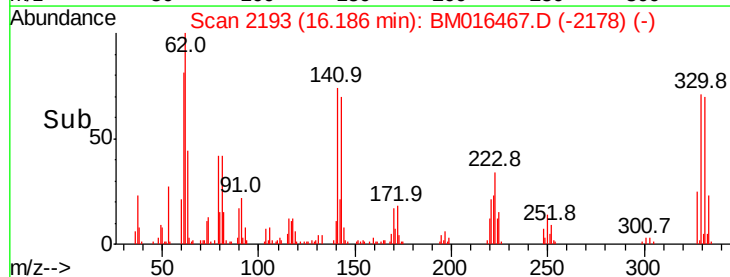
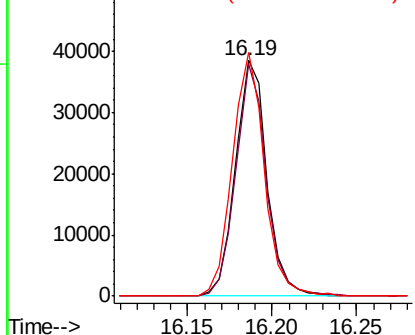


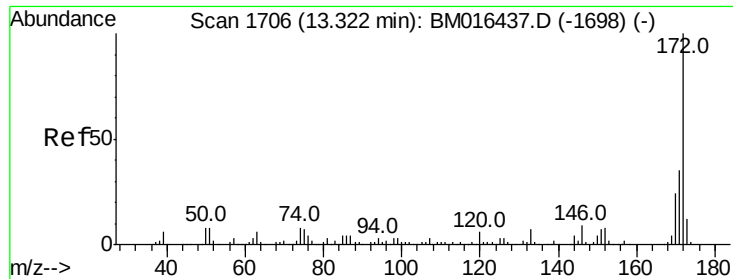
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016467.D
 Acq: 18 Aug 2018 11:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	104.7	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

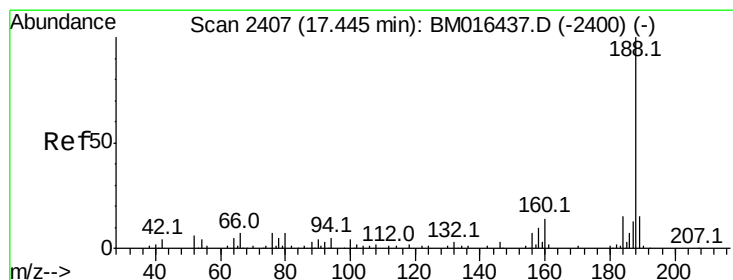
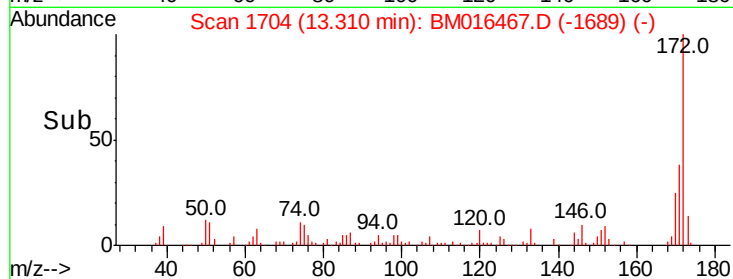
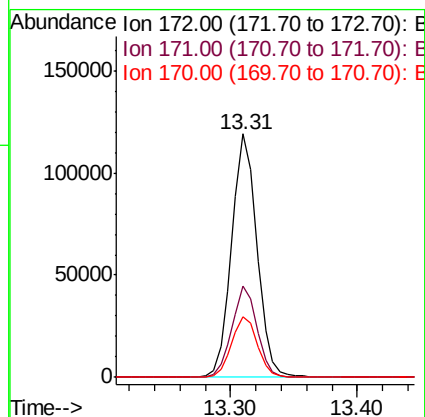
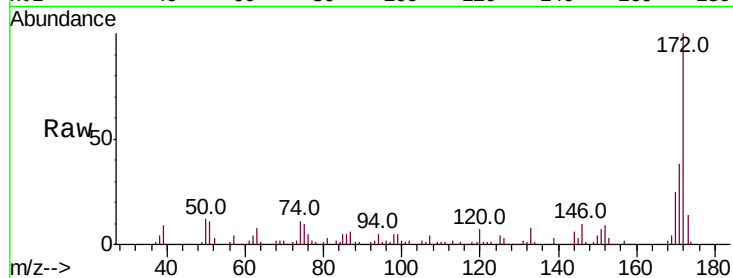




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016467.D
 Acq: 18 Aug 2018 11:03

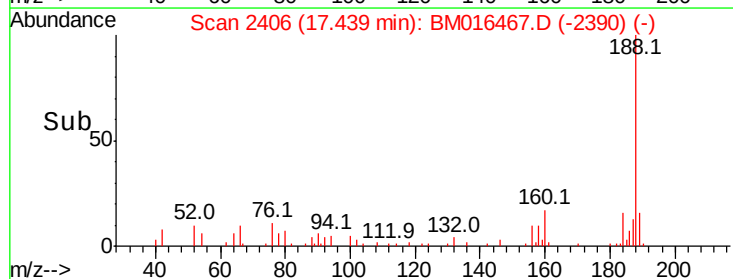
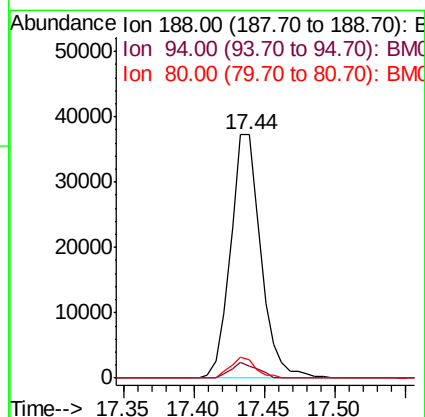
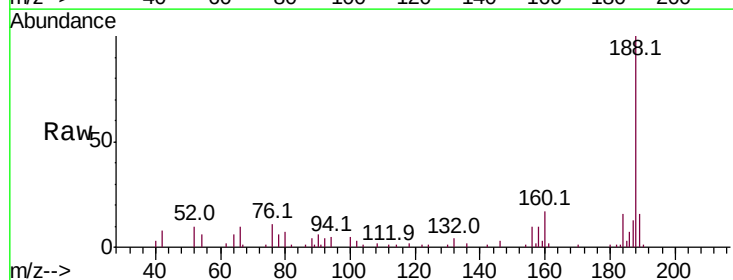
Instrument :
 BNA_M
 ClientSampleId :

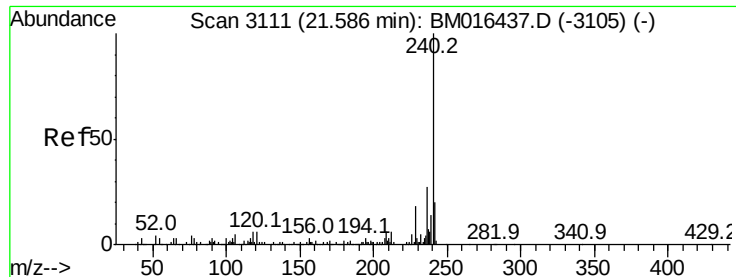
Tot Ion:172 Resp: 164209
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.5 42.7
 170 24.9 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016467.D
 Acq: 18 Aug 2018 11:03

Tgt Ion:188 Resp: 55758
 Ion Ratio Lower Upper
 188 100
 94 5.2 8.7 13.1#
 80 7.3 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: BM016467.D

Acq: 18 Aug 2018 11:03

Instrument :

BNA_M

ClientSampleId :

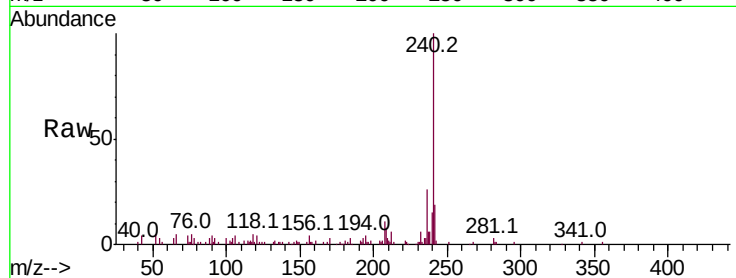
Tot Ion:240 Resp: 88838

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

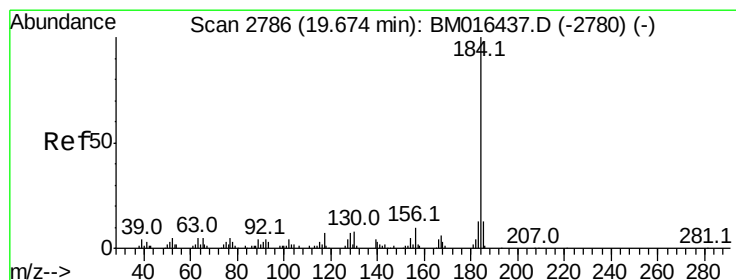
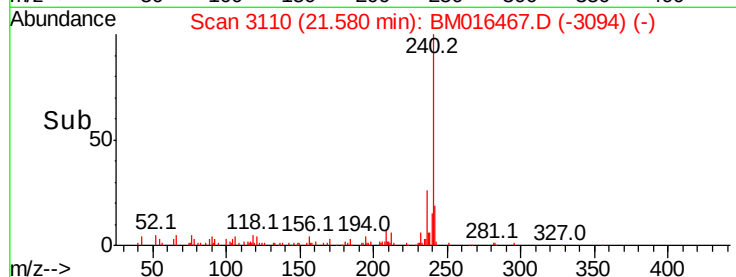
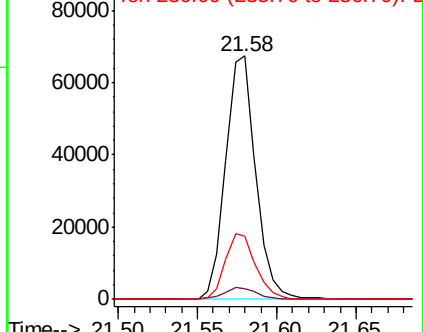
236 26.1 20.0 30.0



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: 10.328 ng

RT: 19.67 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM016467.D

Acq: 18 Aug 2018 11:03

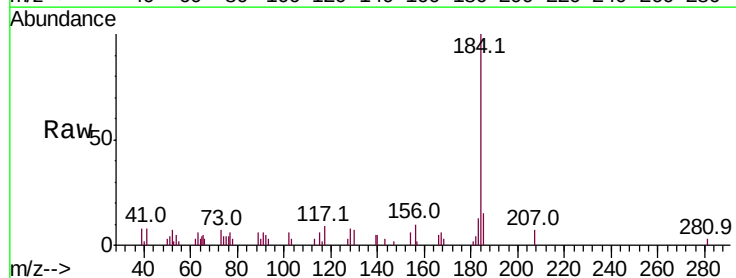
Tgt Ion:184 Resp: 20193

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

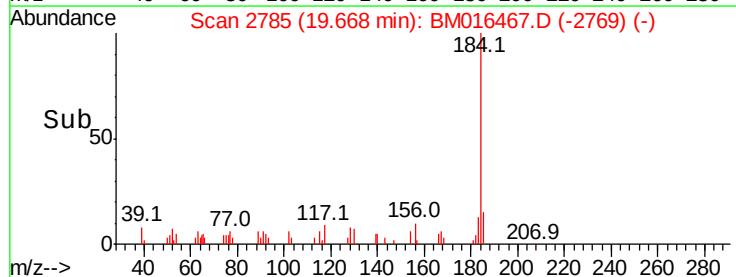
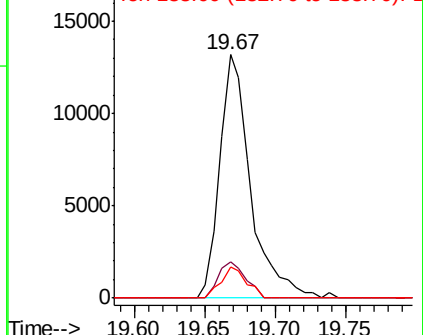
183 13.0 8.9 13.3

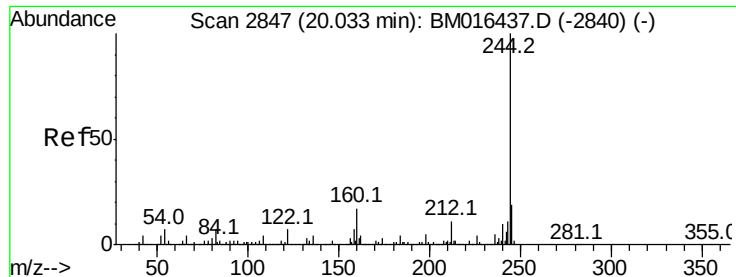


Abundance Ion 184.00 (183.70 to 184.70): E

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# 2846

Delta R.T. -0.01 min

Lab File: BM016467.D

Acq: 18 Aug 2018 11:03

Instrument :

BNA_M

ClientSampleId :

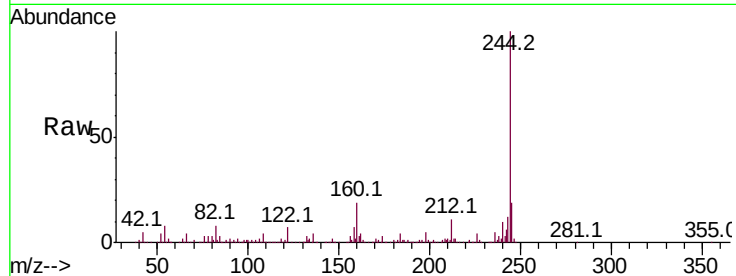
Tot Ion:244 Resp: 570435

Ion Ratio Lower Upper

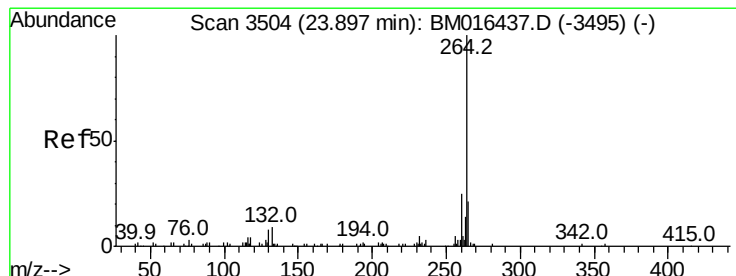
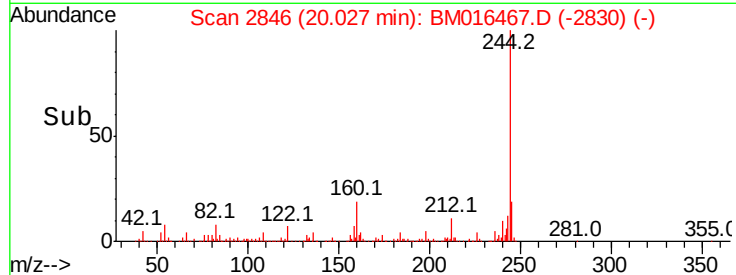
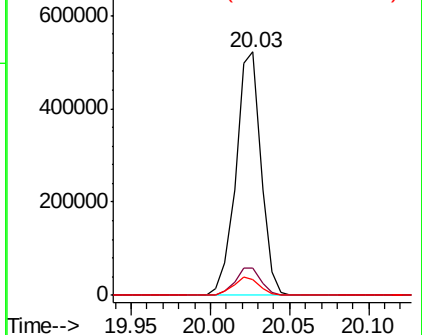
244 100

212 11.0 4.9 7.3#

122 6.5 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: 23.89 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM016467.D

Acq: 18 Aug 2018 11:03

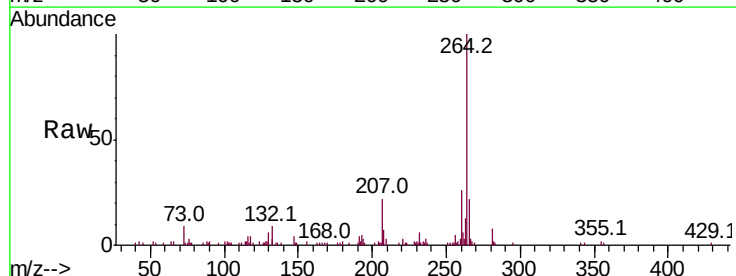
Tgt Ion:264 Resp: 121421

Ion Ratio Lower Upper

264 100

260 26.1 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

