

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016399.D
 Acq On : 16 Aug 2018 03:48
 Operator : SJ/JU
 Sample : J4471-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 07:07:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

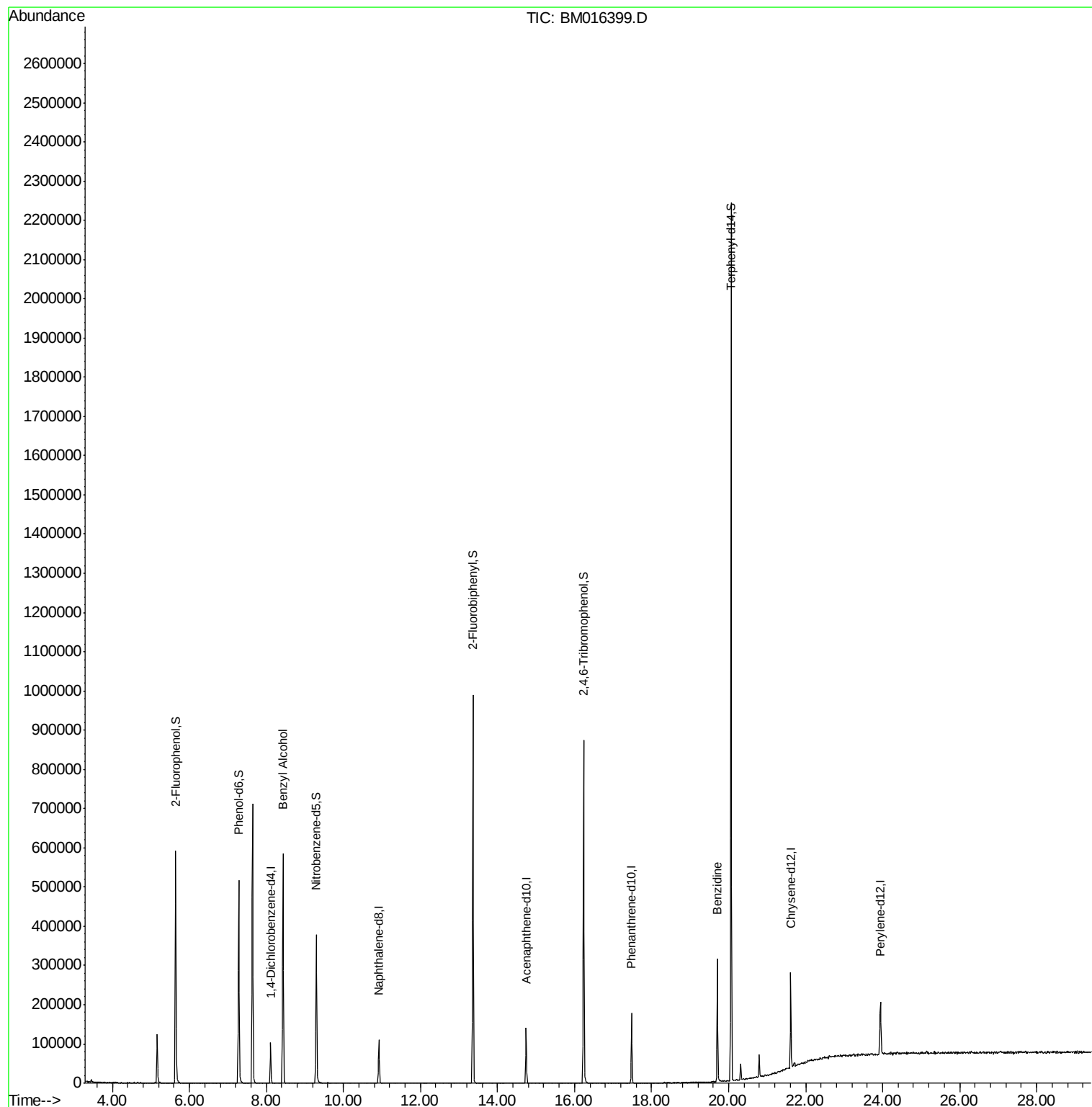
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19061	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	67656	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	35559	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	81284	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	89266	20.00	ng	0.00
86) Perylene-d12	23.94	264	92823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	166484	145.09	ng	0.00
7) Phenol-d6	7.28	99	174370	116.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	172344	118.48	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	76159	168.87	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	344773	117.97	ng	-0.01
78) Terphenyl-d14	20.06	244	642125	150.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.43	79	4193	3.514	ng	Qvalue # 1
76) Benzidine	19.70	184	129285	51.828	ng	98

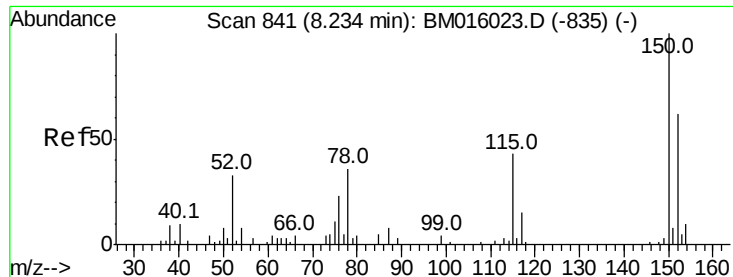
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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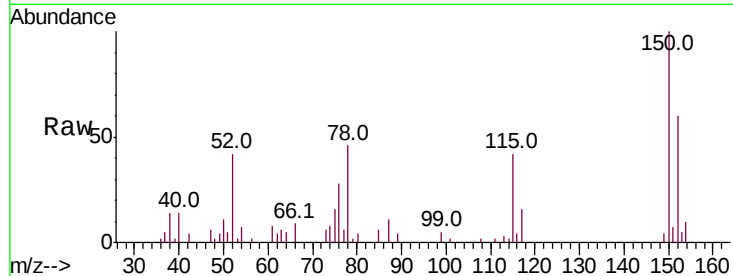


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	119.5	179.3
115	69.2	43.0	64.4

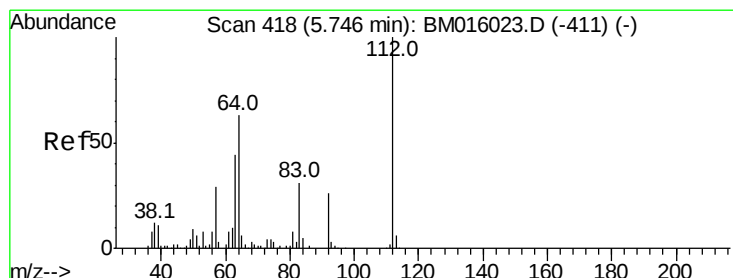
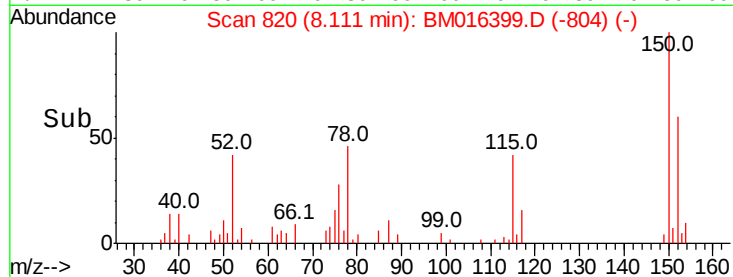
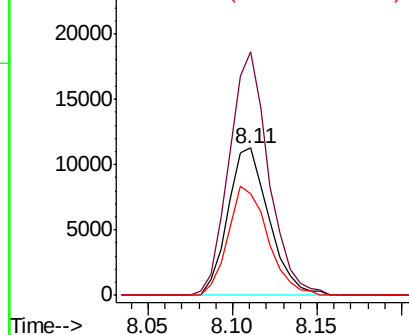


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

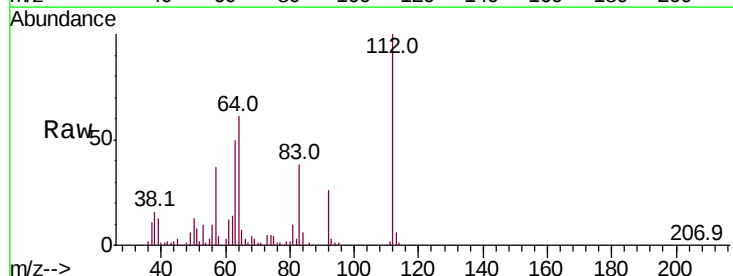
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8
63	50.2	19.3	28.9

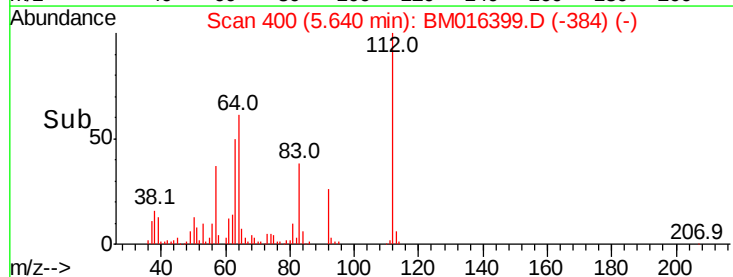
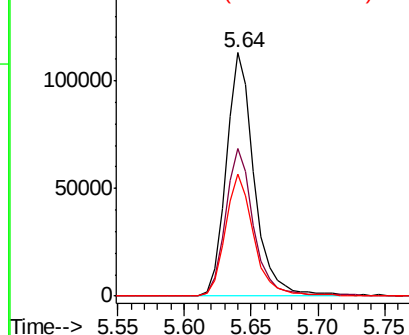


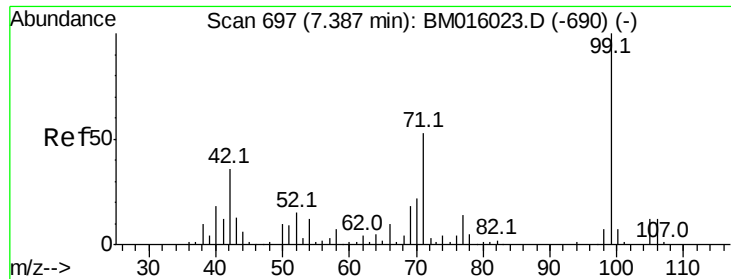
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: Below na

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Instrument :

BNA_M

ClientSampled :

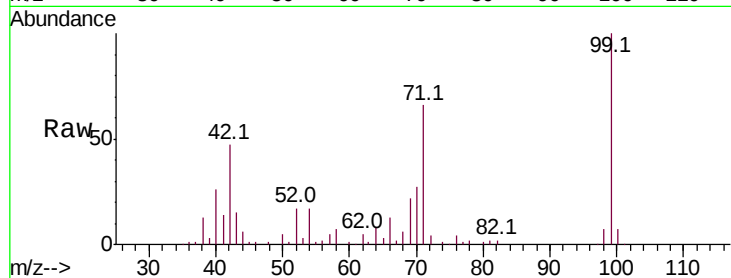
Tot Ion: 99 Resp: 174370

Ion Ratio Lower Upper

99 100

42 47.4 11.0 16.4#

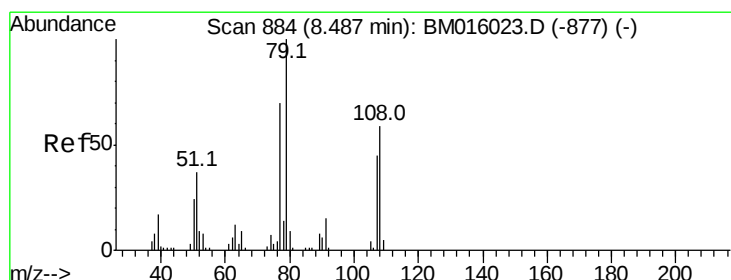
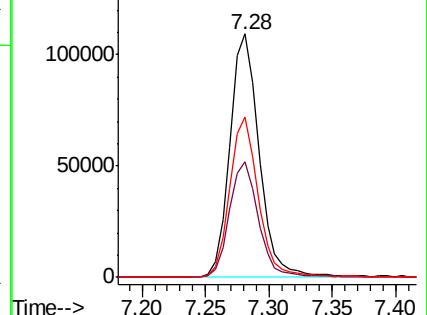
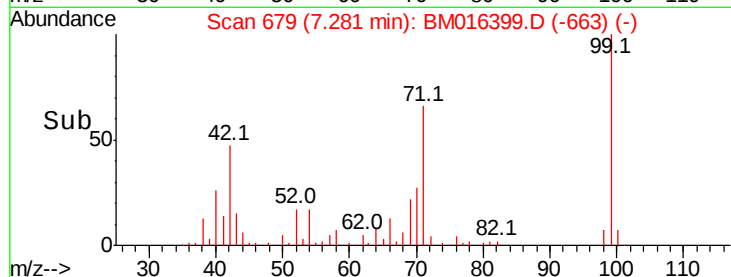
71 65.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016399.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016399.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016399.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.514 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.05 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

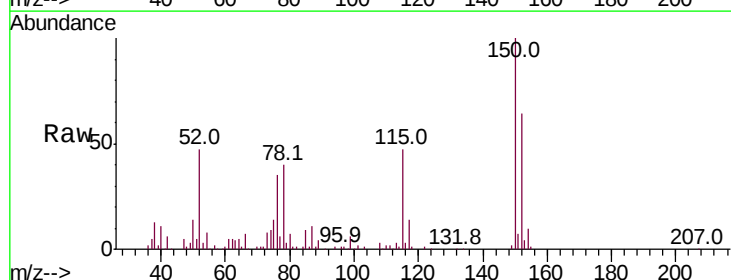
Tgt Ion: 79 Resp: 4193

Ion Ratio Lower Upper

79 100

108 114.4 65.0 97.4#

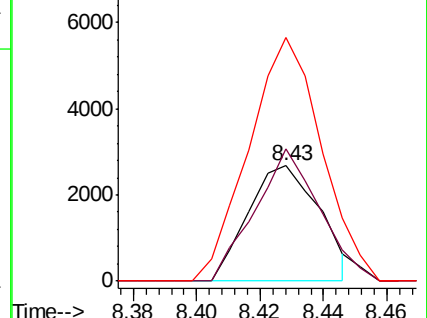
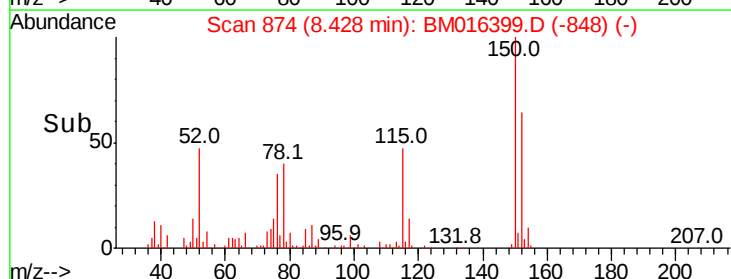
77 211.4 53.0 79.6#

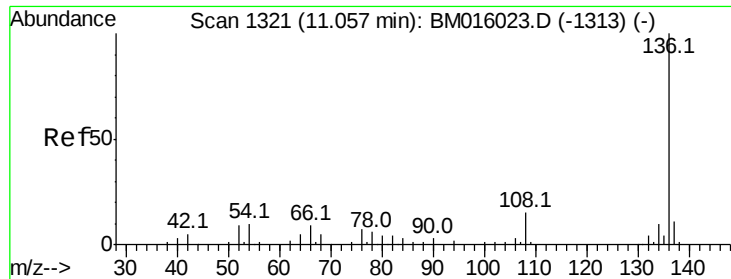


Abundance Ion 79.00 (78.70 to 79.70): BM016399.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016399.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016399.D (-848) (-)

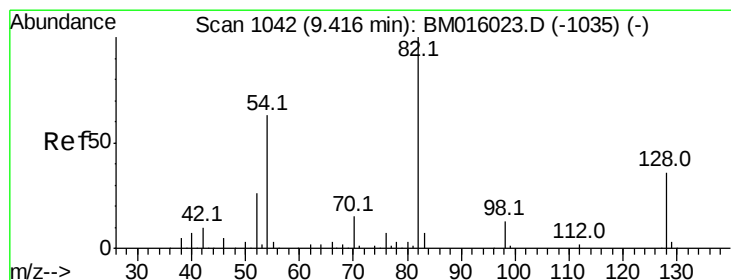
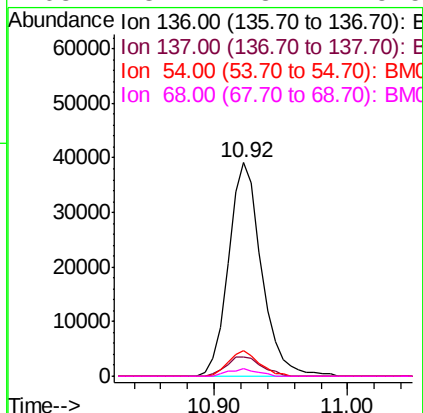
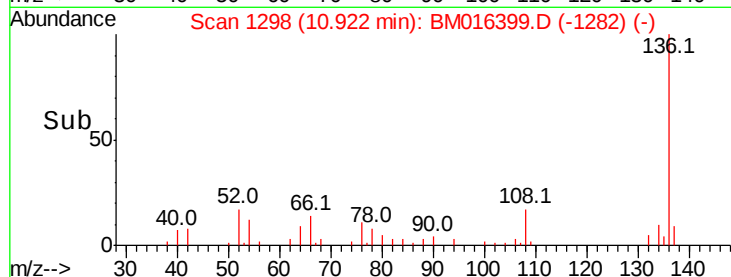
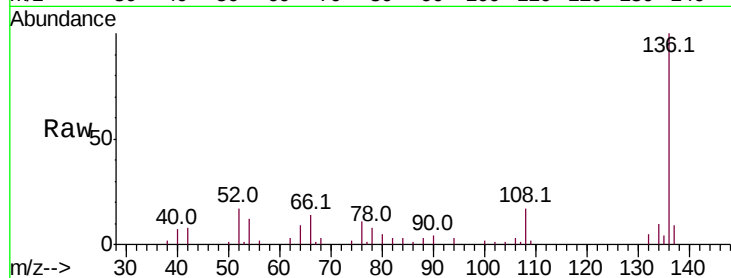




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

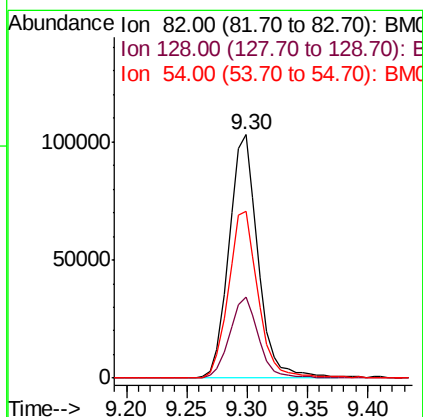
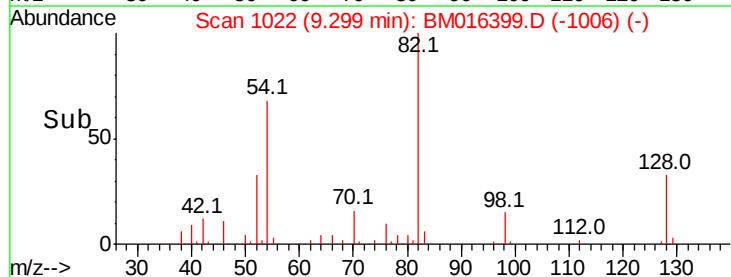
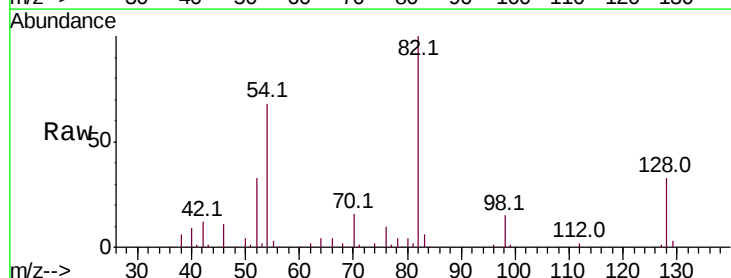
Instrument :
BNA_M
ClientSampleId :

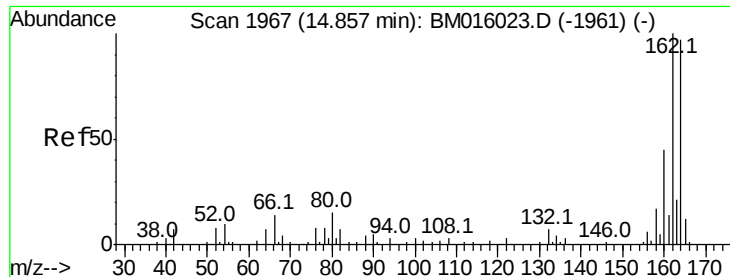
Tot Ion:	136	Resp:	67656
Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.7	13.1
54	12.0	4.6	6.8#
68	3.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:	82	Resp:	172344
Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.8	49.2
54	68.4	40.6	60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Instrument :

BNA_M

ClientSampleId :

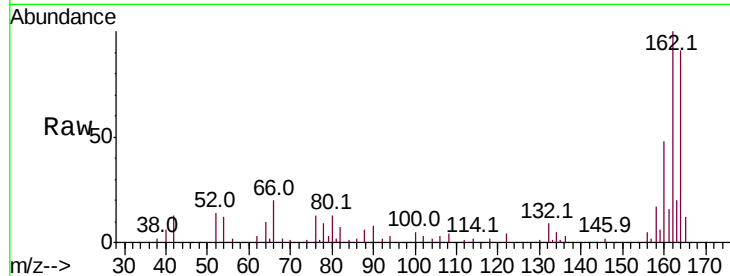
Tot Ion:164 Resp: 35559

Ion Ratio Lower Upper

164 100

162 110.5 82.4 123.6

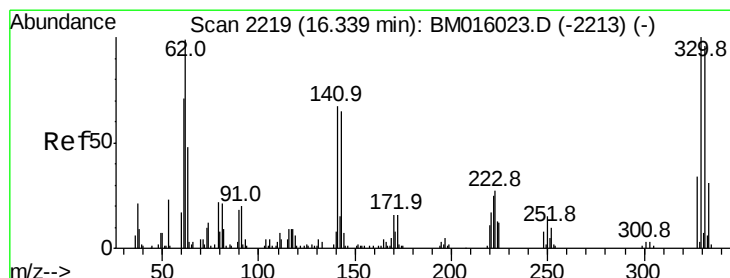
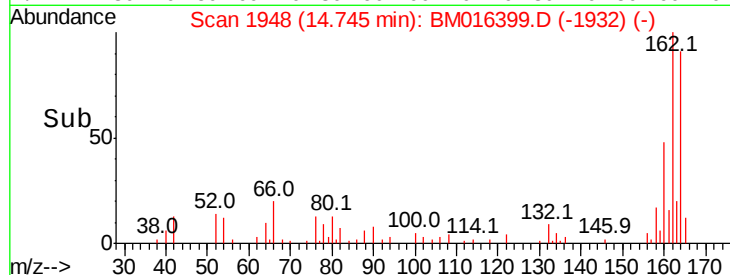
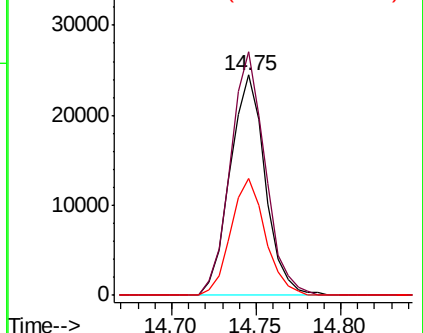
160 52.9 35.8 53.6



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: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

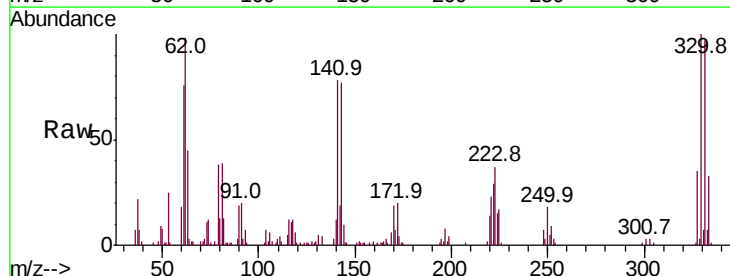
Tgt Ion:330 Resp: 76159

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

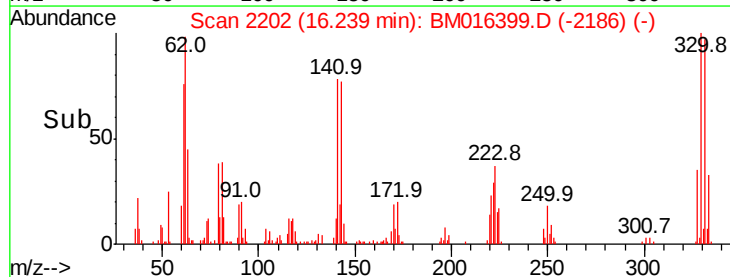
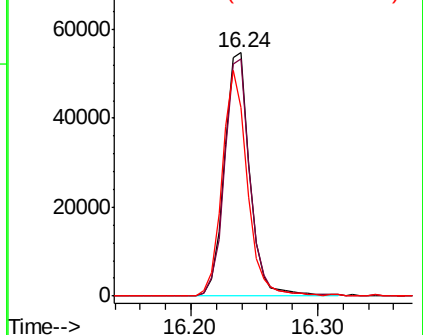
141 91.4 0.0 0.0#

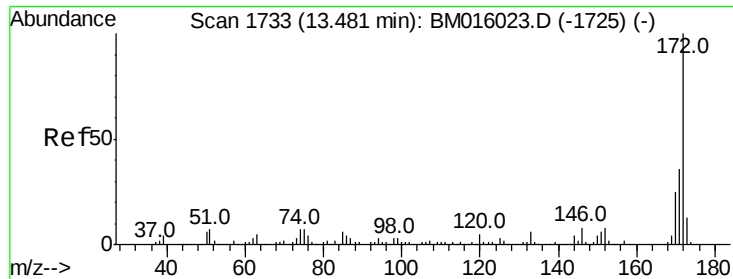


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

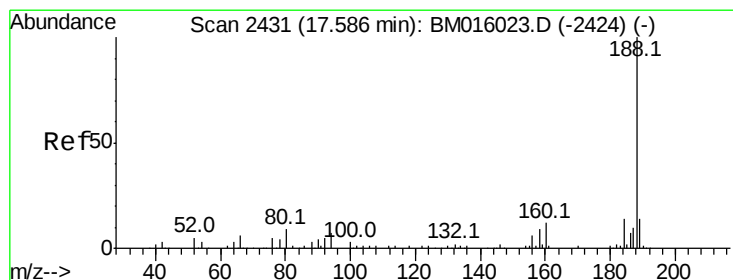
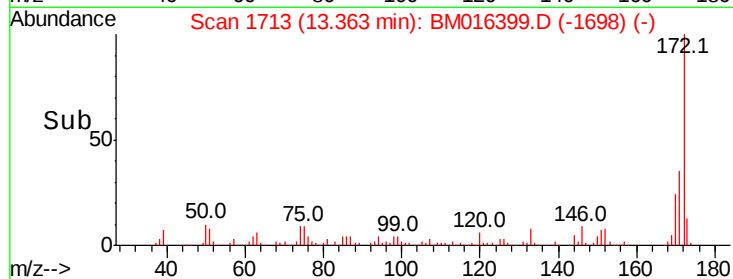
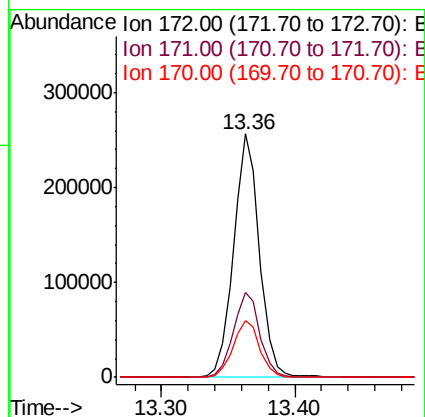
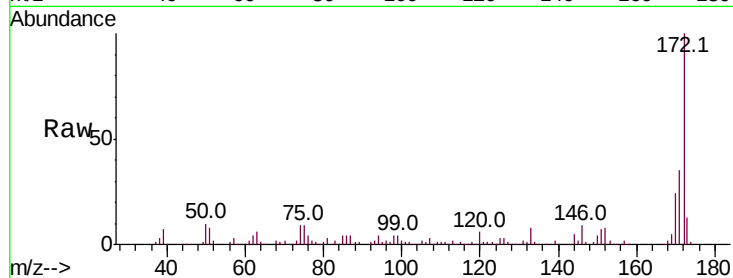




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

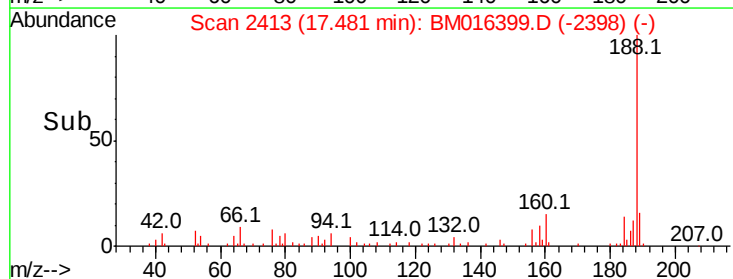
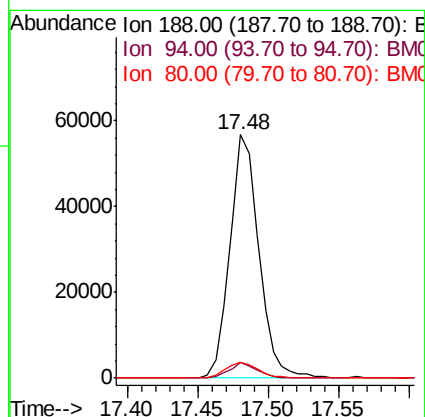
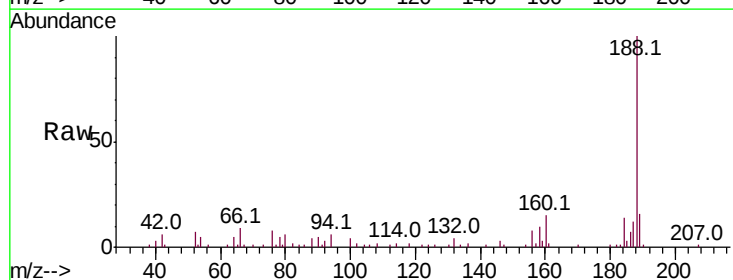
Instrument :
 BNA_M
 ClientSampleId :

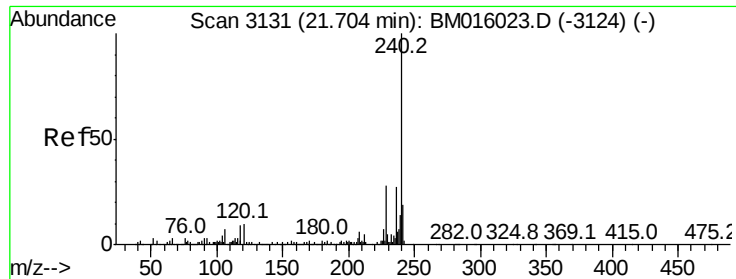
Tot Ion:172 Resp: 344773
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.6 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

Tgt Ion:188 Resp: 81284
 Ion Ratio Lower Upper
 188 100
 94 6.5 8.7 13.1#
 80 6.4 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Instrument :

BNA_M

ClientSampleId :

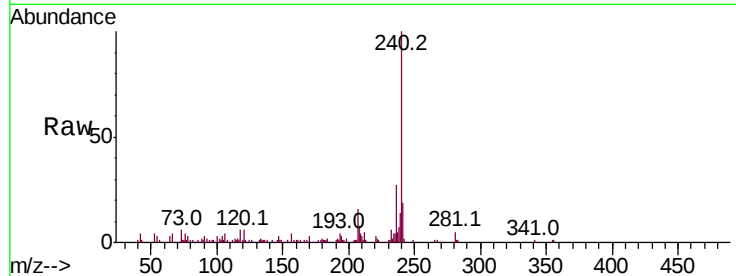
Tot Ion:240 Resp: 89266

Ion Ratio Lower Upper

240 100

120 6.4 8.2 12.2#

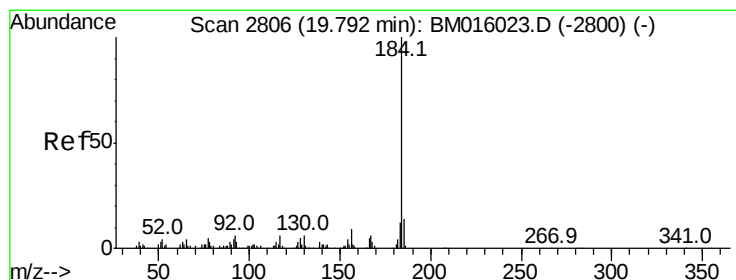
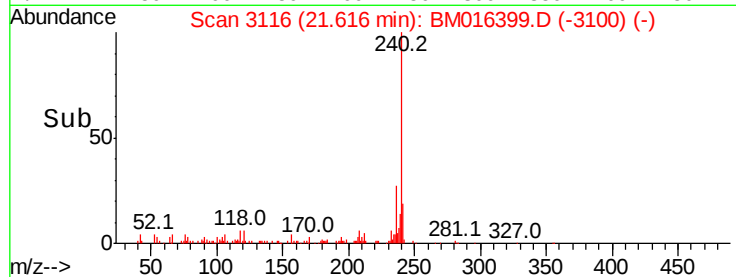
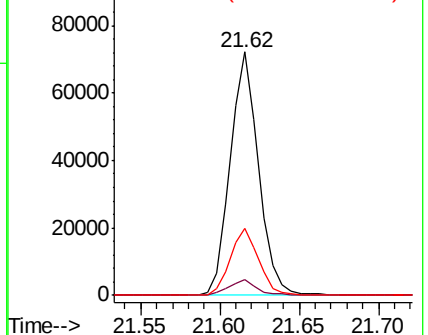
236 27.5 20.0 30.0



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: 51.828 ng

RT: 19.70 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

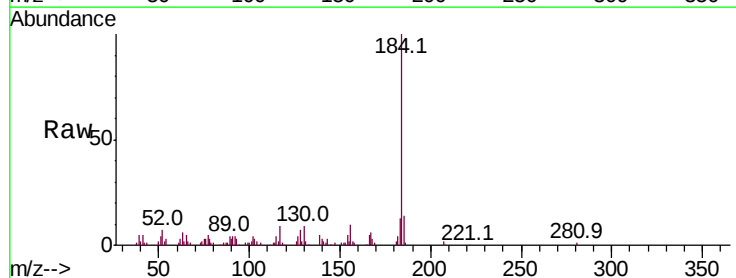
Tgt Ion:184 Resp: 129285

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

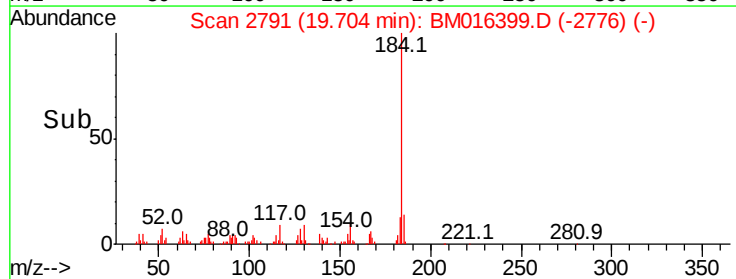
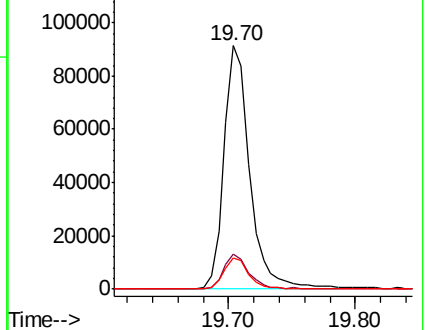
183 12.9 8.9 13.3

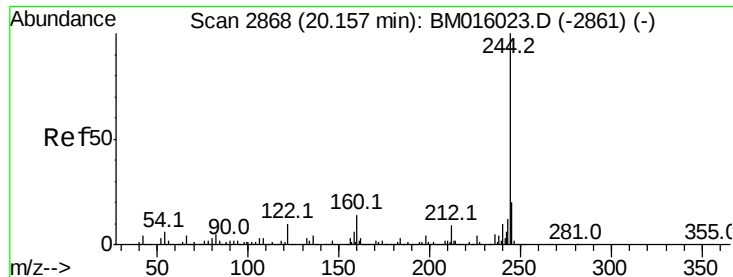


Abundance Ion 184.00 (183.70 to 184.70): E

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: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Instrument :

BNA_M

ClientSampleId :

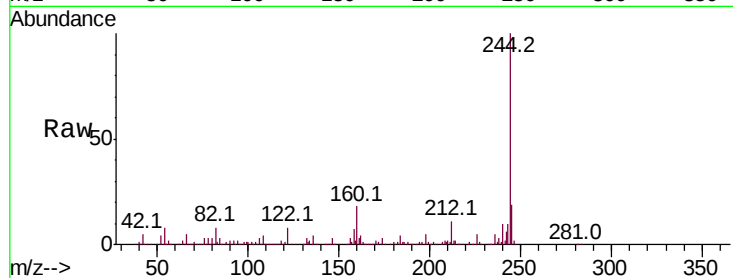
Tot Ion:244 Resp: 642125

Ion Ratio Lower Upper

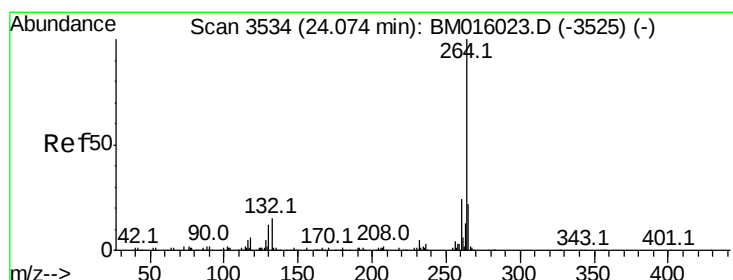
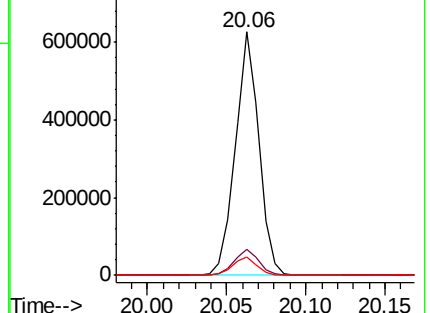
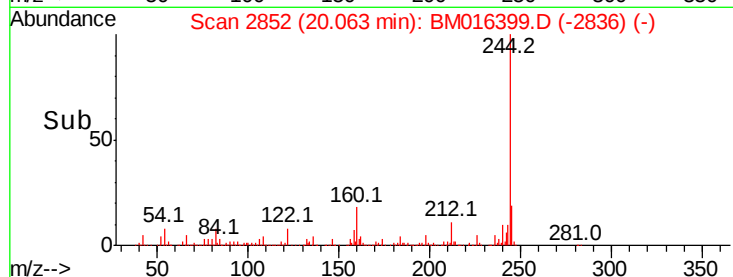
244 100

212 10.5 4.9 7.3#

122 7.5 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: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

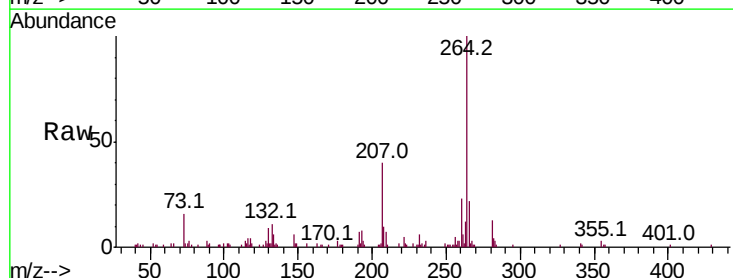
Tgt Ion:264 Resp: 92823

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.4 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

