

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016621.D
 Acq On : 28 Aug 2018 01:04
 Operator : SJ/JU
 Sample : J4660-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 03:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

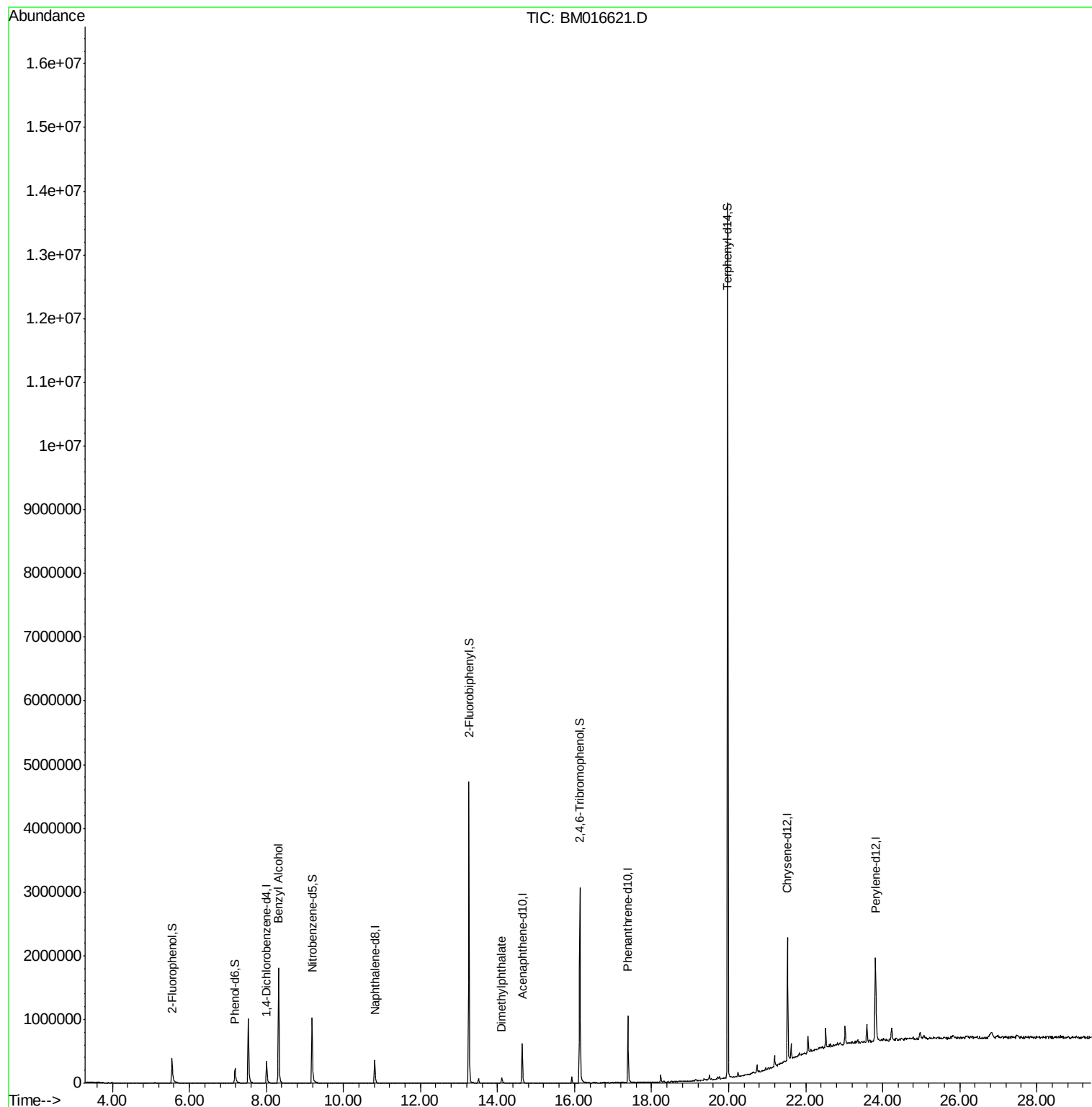
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69671	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	244925	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	178810	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	590527	20.00	ng	0.00
75) Chrysene-d12	21.53	240	889928	20.00	ng	0.00
86) Perylene-d12	23.81	264	1083614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	154285	43.39	ng	0.00
7) Phenol-d6	7.19	99	121461	25.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	591853	110.33	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	510053	102.04	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1960936	105.41	ng	0.00
78) Terphenyl-d14	19.97	244	5210579	123.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.32	79	15911	3.642	ng	# 2
49) Dimethylphthalate	14.11	163	59744	3.478	ng	# 97

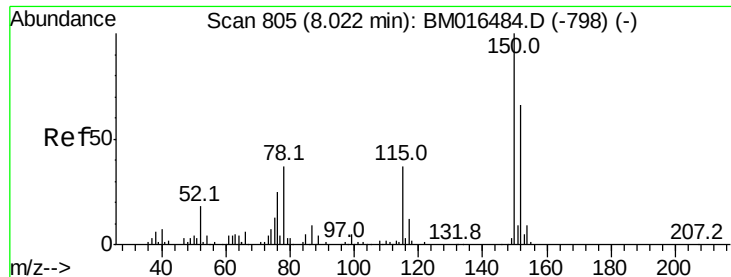
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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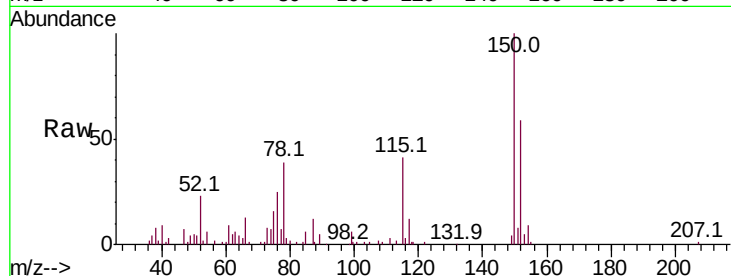


#1

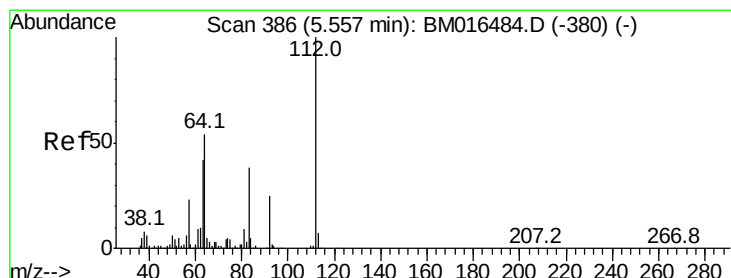
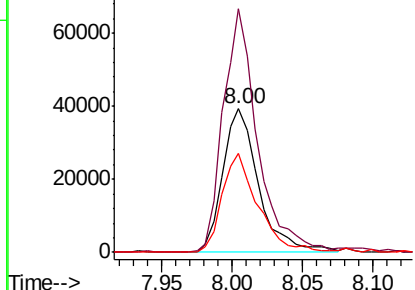
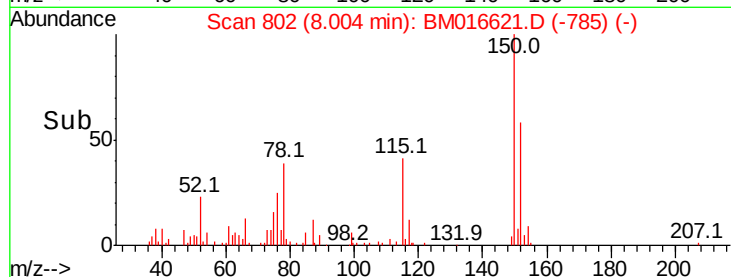
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 69671
Ion Ratio Lower Upper
152 100
150 169.9 119.5 179.3
115 69.2 43.0 64.4#



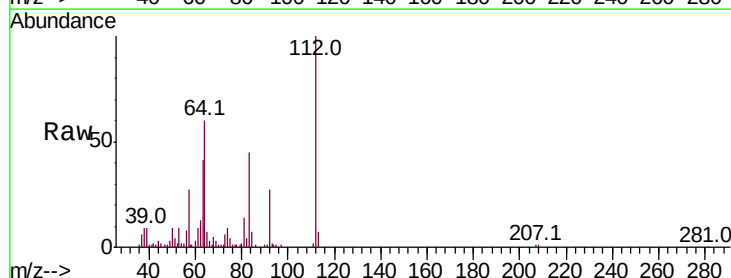
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



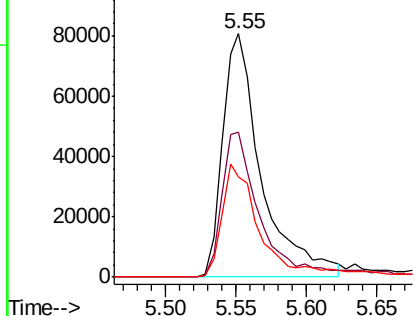
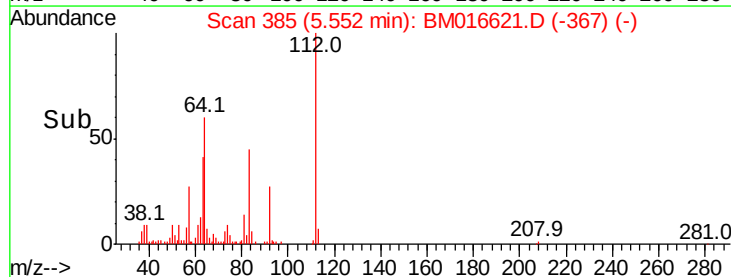
#5

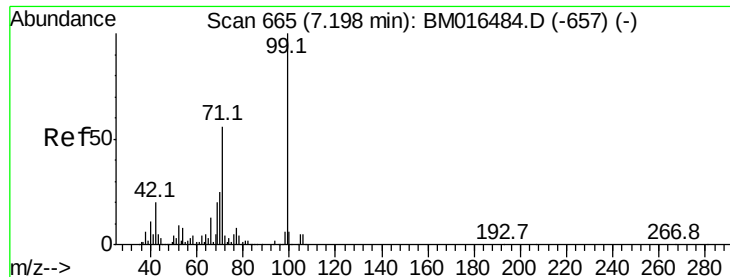
2-Fluorophenol
Concen: 43.395 ng
RT: 5.55 min Scan# 385
Delta R.T. 0.01 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Tgt Ion:112 Resp: 154285
Ion Ratio Lower Upper
112 100
64 59.8 38.6 57.8#
63 41.3 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: 25.816 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

Instrument :

BNA_M

ClientSampleId :

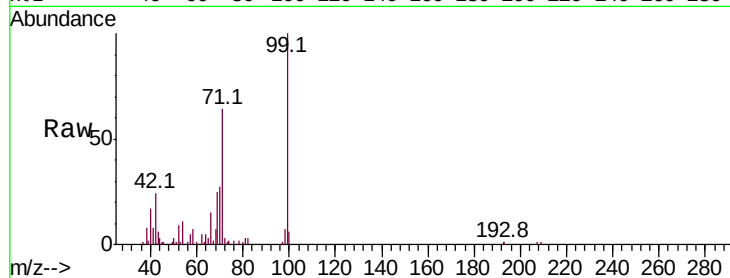
Tot Ion: 99 Resp: 121461

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

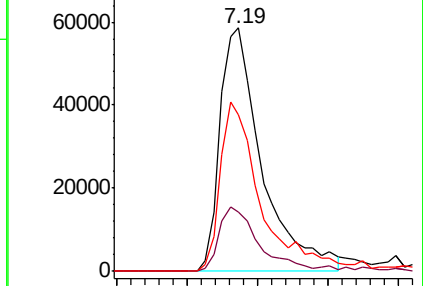
71 64.4 23.4 35.2#



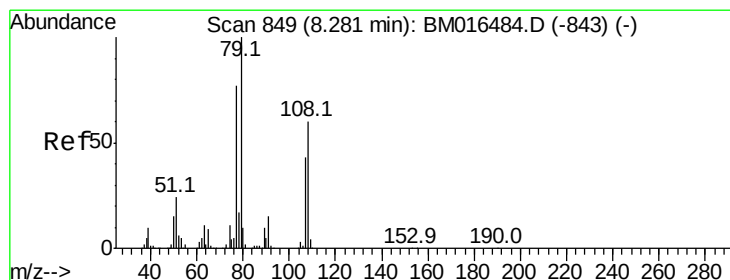
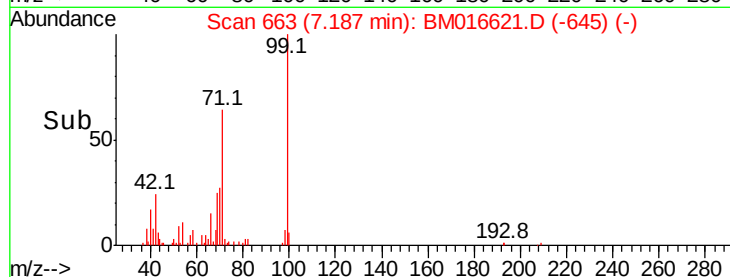
Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



Time--> 7.10 7.15 7.20 7.25



#15

Benzyl Alcohol

Concen: 3.642 ng

RT: 8.32 min Scan# 855

Delta R.T. 0.05 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

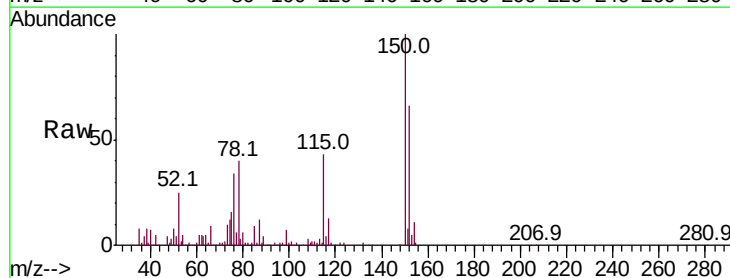
Tgt Ion: 79 Resp: 15911

Ion Ratio Lower Upper

79 100

108 104.1 65.0 97.4#

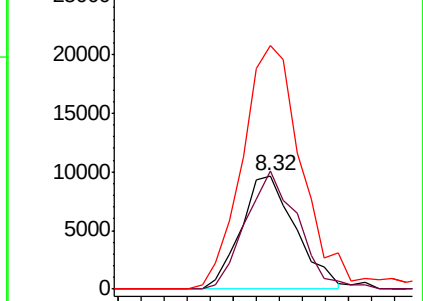
77 215.0 53.0 79.6#



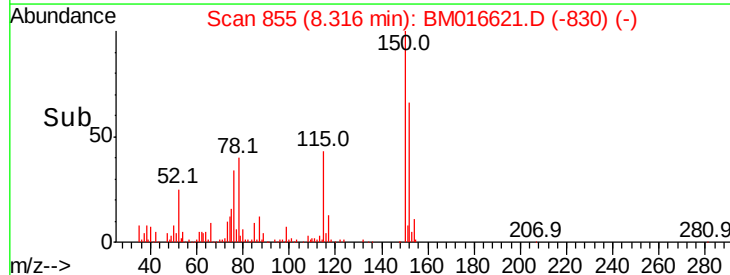
Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

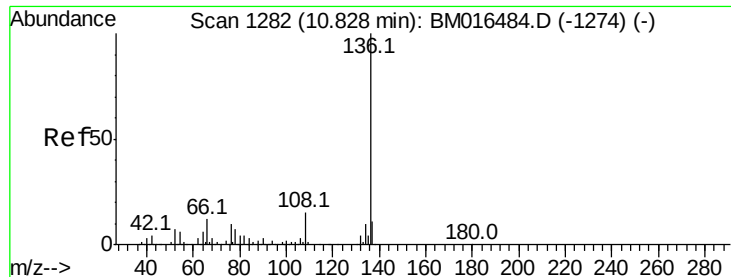
Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)



Time--> 8.25 8.30 8.35

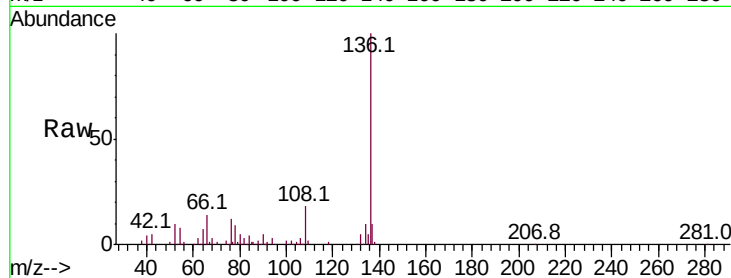




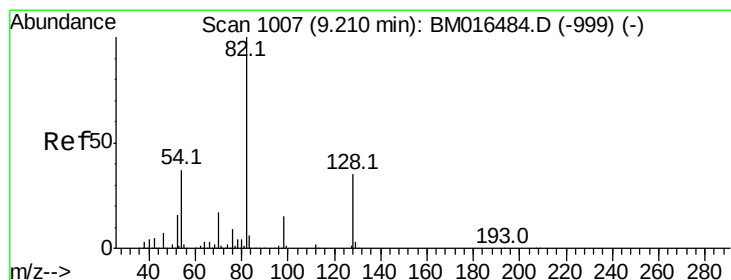
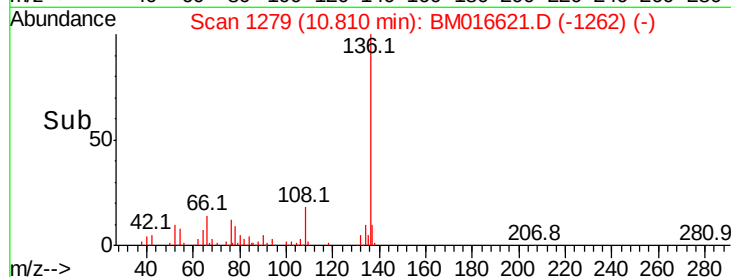
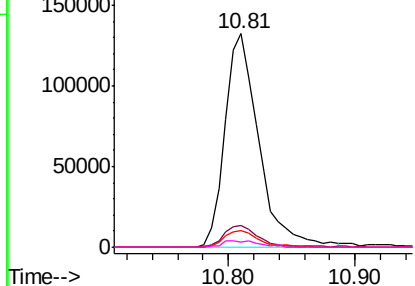
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	244925
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.9	4.6	6.8#
68	2.6	3.7	5.5#

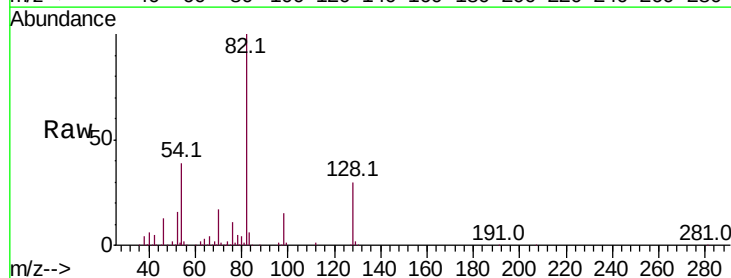


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

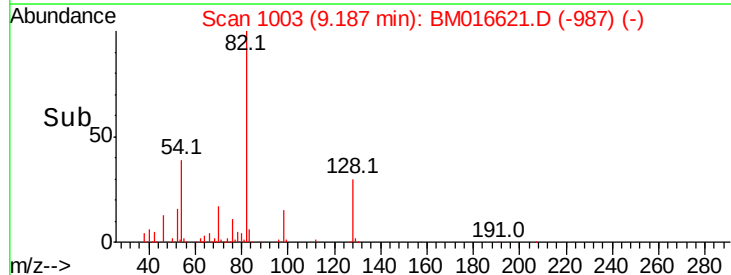
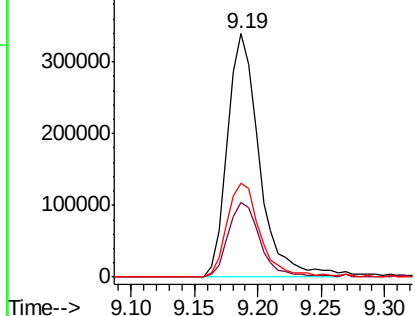


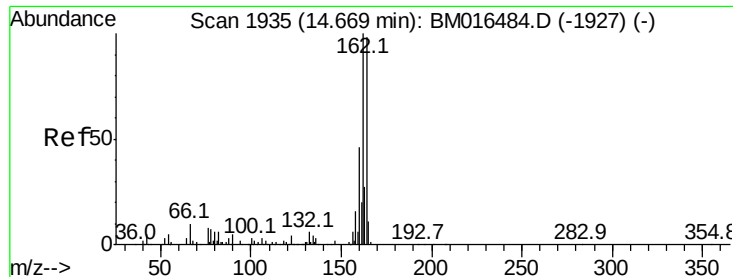
#23
Nitrobenzene-d5
Concen: 110.333 ng
RT: 9.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Tgt Ion:	82	Resp:	591853
Ion	Ratio	Lower	Upper
82	100		
128	30.4	32.8	49.2#
54	38.6	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: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

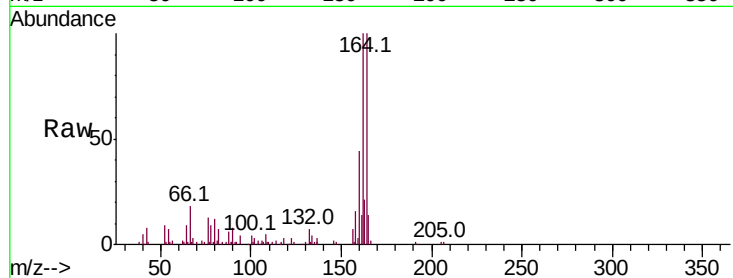
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 178810

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	43.9	35.8	53.6

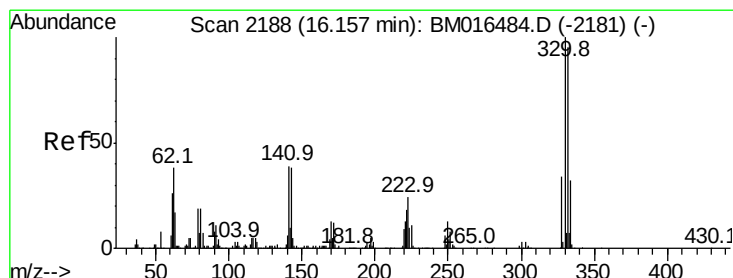
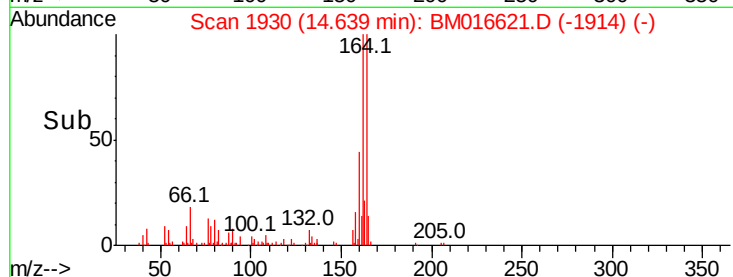
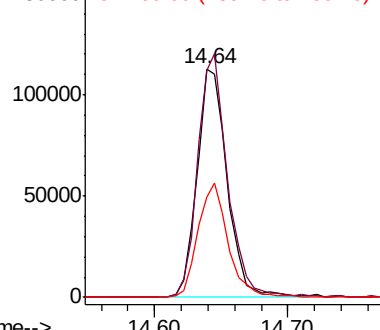


Abundance

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: 102.041 ng

RT: 16.14 min Scan# 2185

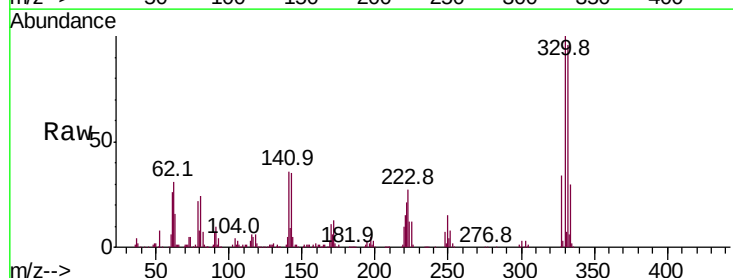
Delta R.T. 0.00 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

Tgt Ion:330 Resp: 510053

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	39.3	0.0	0.0#

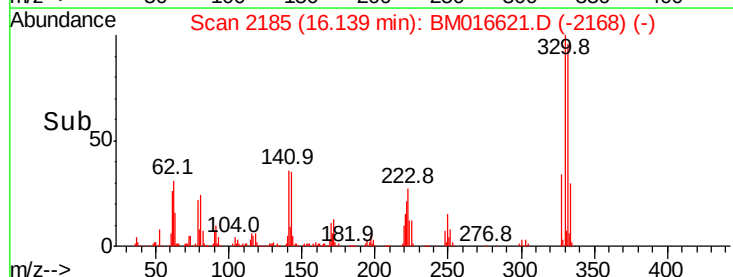
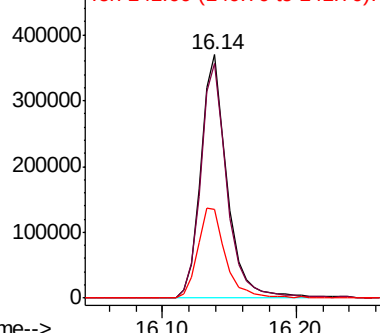


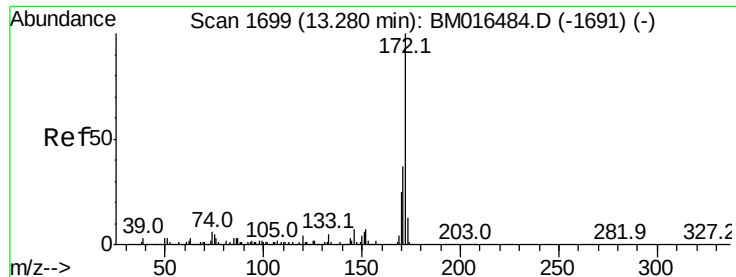
Abundance

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

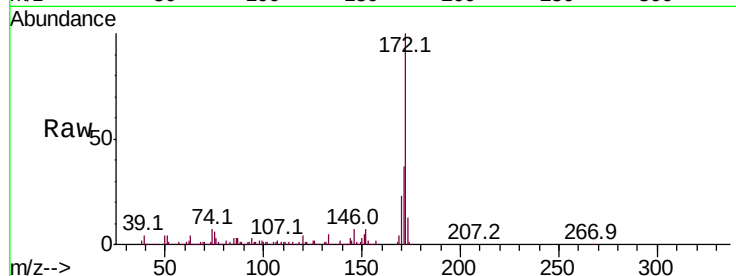




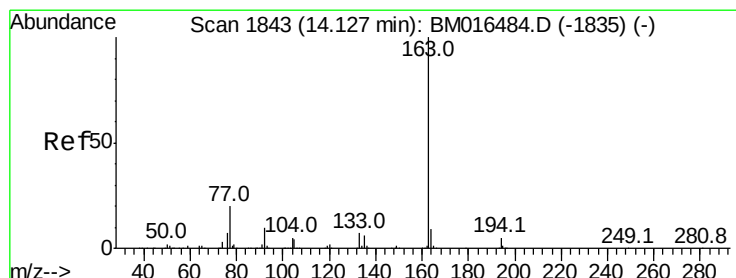
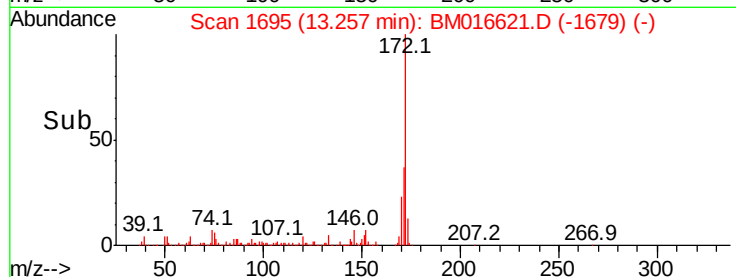
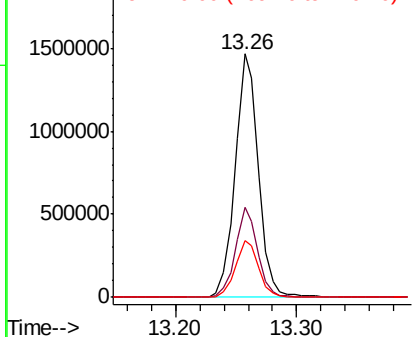
#44
2-Fluorobiphenyl
Concen: 105.413 ng
RT: 13.26 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1960936
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.4 18.8 28.2

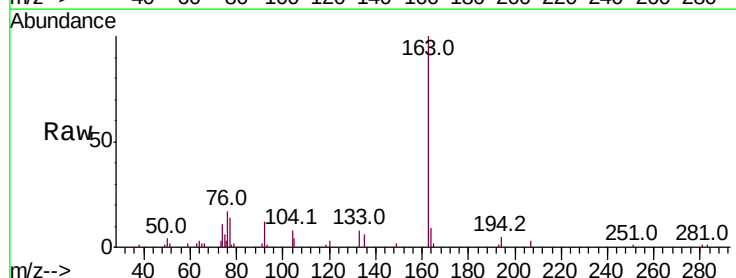


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

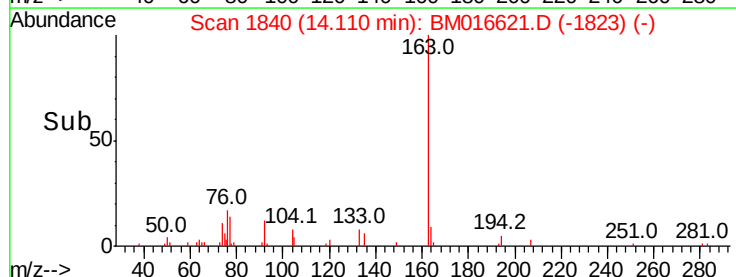
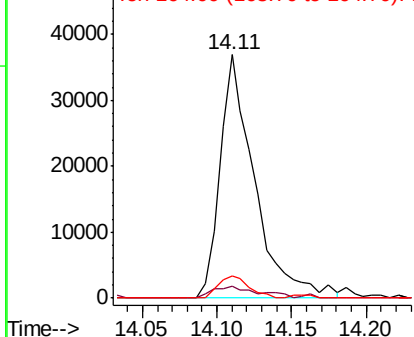


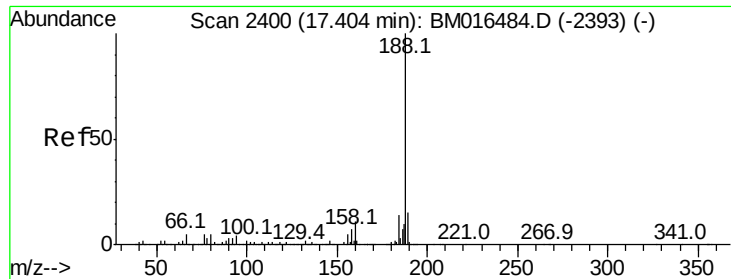
#49
Dimethylphthalate
Concen: 3.478 ng
RT: 14.11 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM016621.D
Acq: 28 Aug 2018 01:04

Tgt Ion:163 Resp: 59744
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
50000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

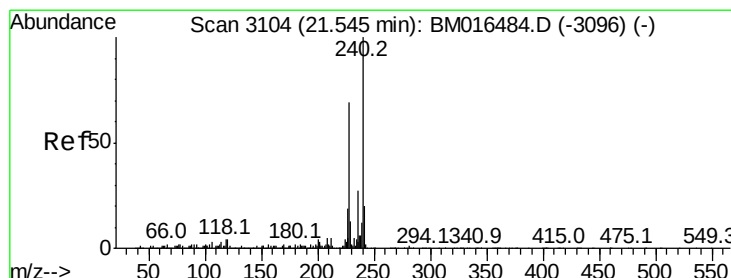
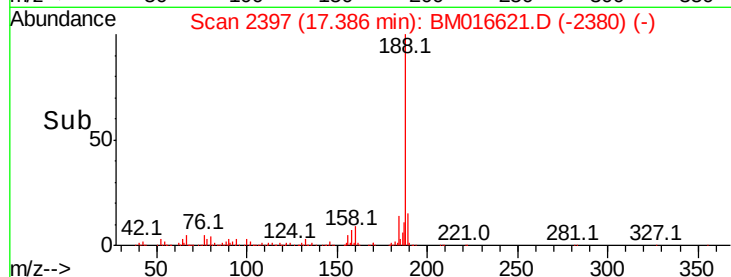
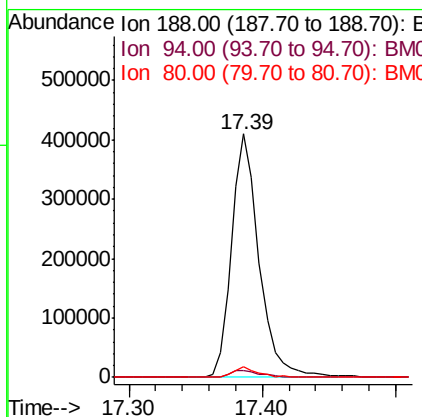
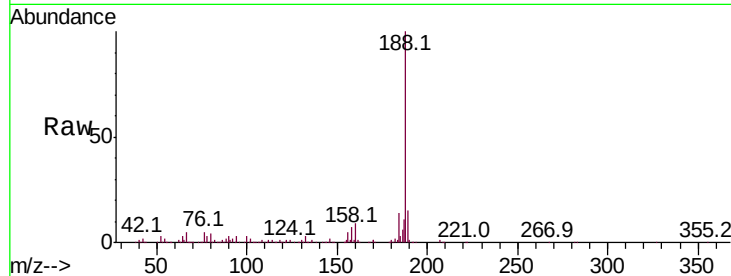




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM016621.D
 Acq: 28 Aug 2018 01:04

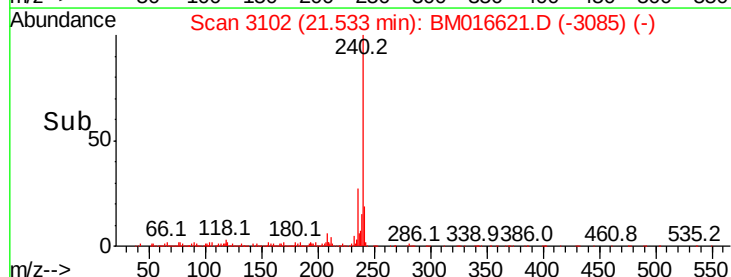
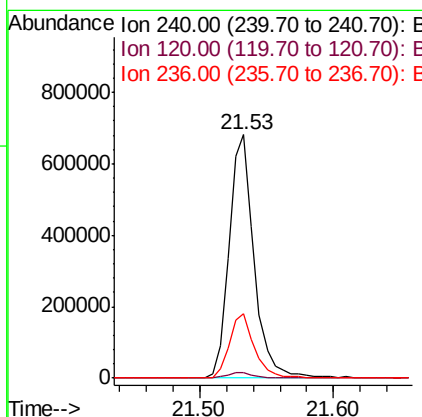
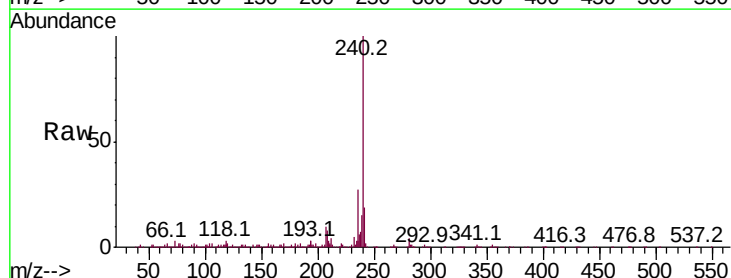
Instrument :
 BNA_M
 ClientSampleId :

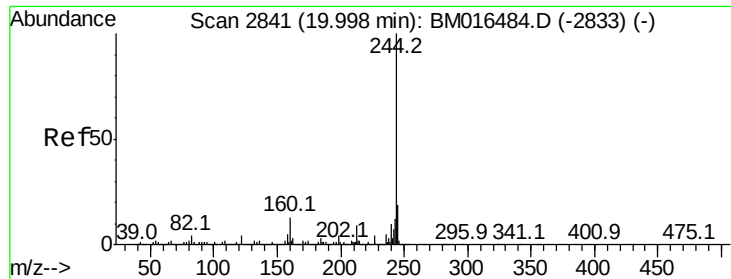
Tot Ion:188 Resp: 590527
 Ion Ratio Lower Upper
 188 100
 94 2.5 8.7 13.1#
 80 4.1 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016621.D
 Acq: 28 Aug 2018 01:04

Tgt Ion:240 Resp: 889928
 Ion Ratio Lower Upper
 240 100
 120 2.2 8.2 12.2#
 236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 123.926 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

Instrument :

BNA_M

ClientSampled :

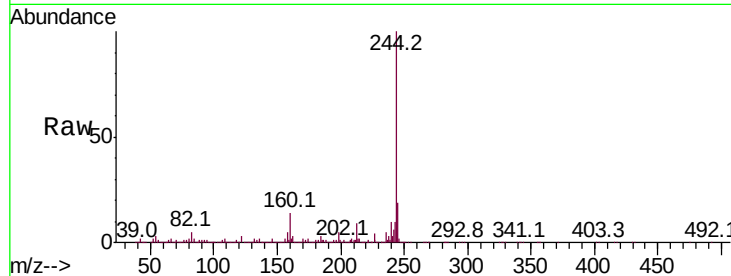
Tot Ion:244 Resp: 5210579

Ion Ratio Lower Upper

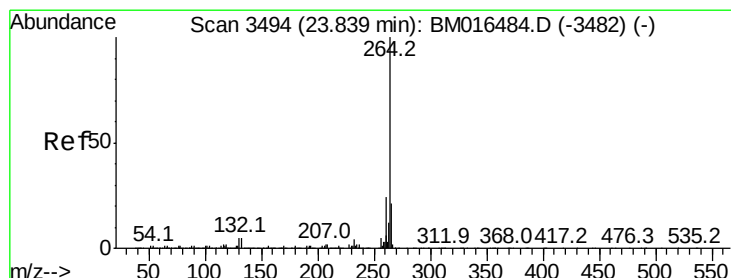
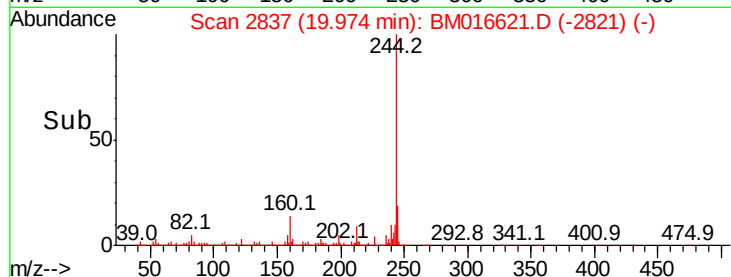
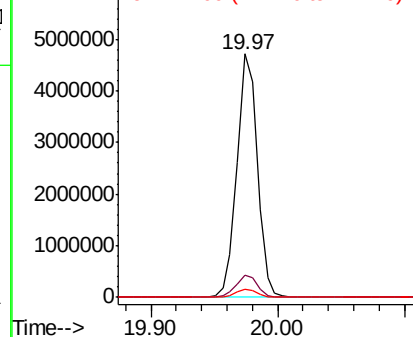
244 100

212 9.4 4.9 7.3#

122 3.4 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: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016621.D

Acq: 28 Aug 2018 01:04

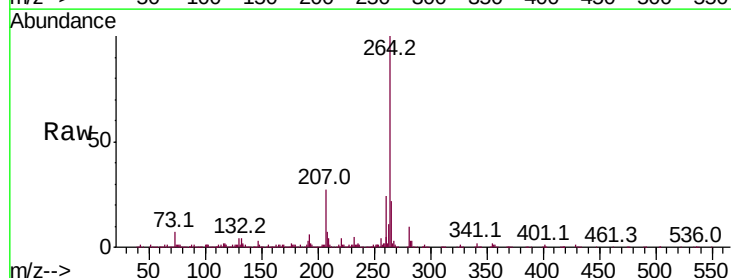
Tgt Ion:264 Resp: 1083614

Ion Ratio Lower Upper

264 100

260 23.9 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

