

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016279.D
 Acq On : 09 Aug 2018 13:37
 Operator : SJ/JU
 Sample : J4356-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-12

Quant Time: Aug 10 04:04:38 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 08 16:23:37 2018
 Response via : Initial Calibration

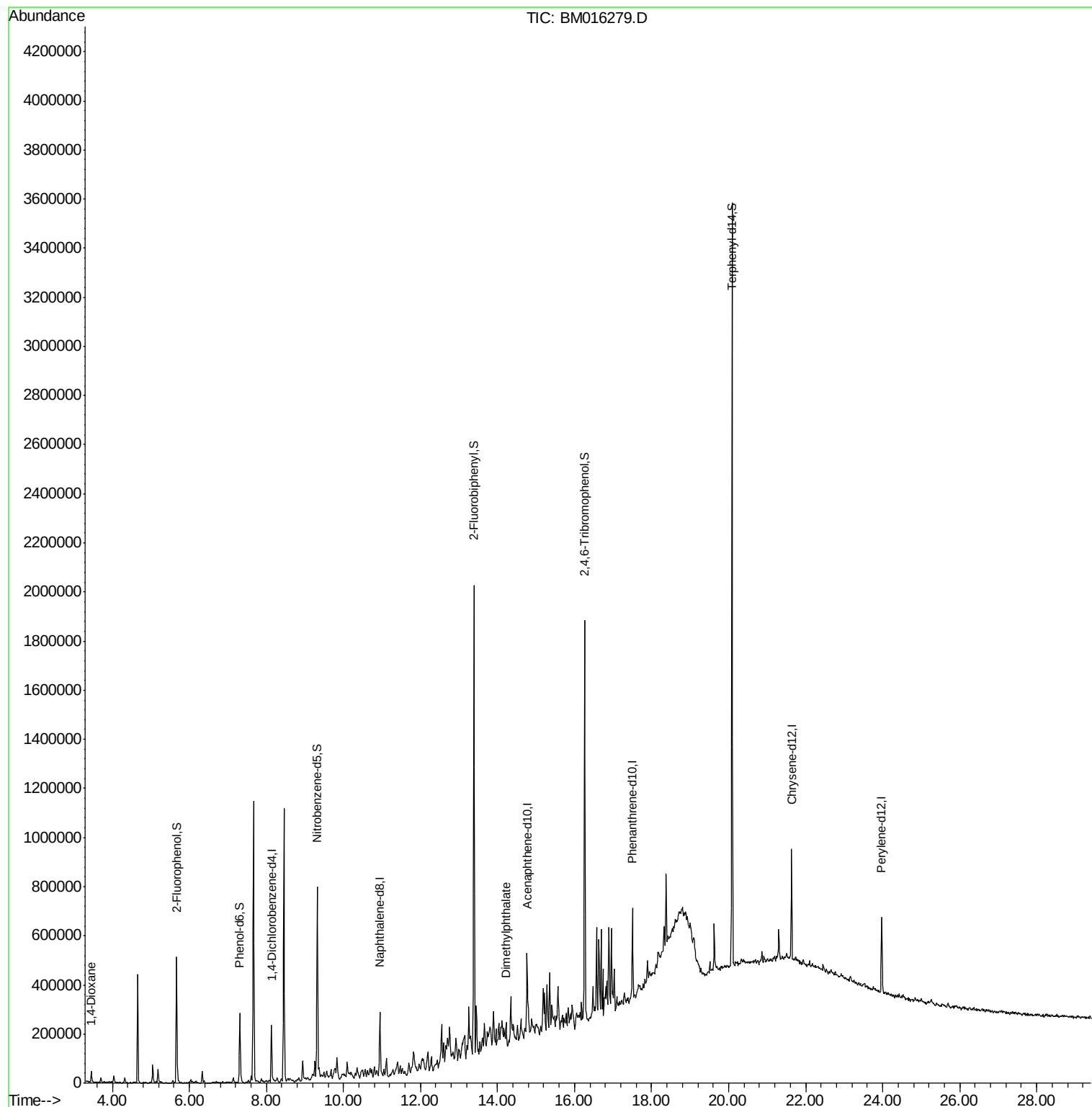
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45051	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	164608	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	89196	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	166498	20.00	ng	0.00
75) Chrysene-d12	21.64	240	174058	20.00	ng	0.00
86) Perylene-d12	23.97	264	186508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	172777	63.71	ng	0.00
7) Phenol-d6	7.31	99	122576	34.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	375635	106.14	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	174874	154.58	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	747180	101.92	ng	0.00
78) Terphenyl-d14	20.09	244	984323	118.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	14586	11.479	ng	Qvalue # 100
49) Dimethylphthalate	14.22	163	30148	3.862	ng	# 94

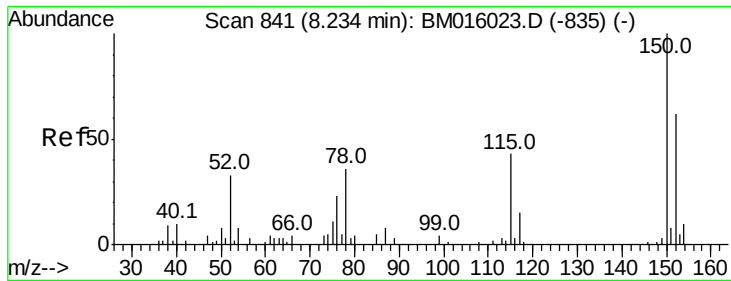
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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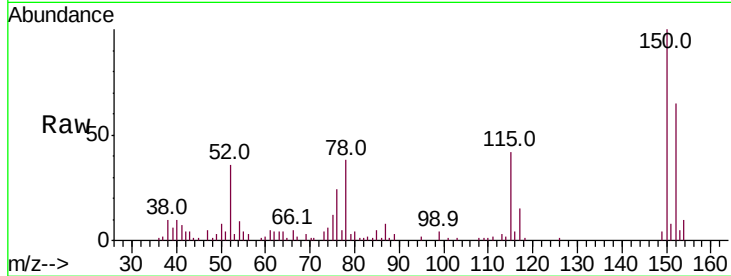


#1

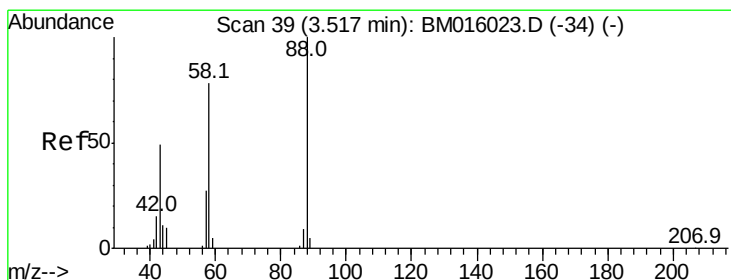
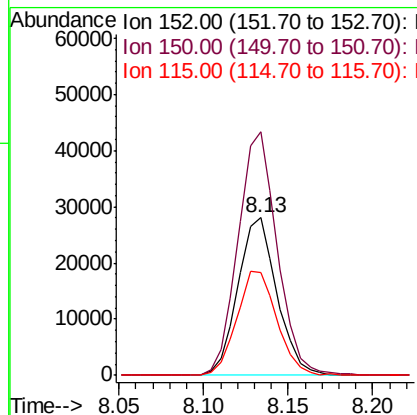
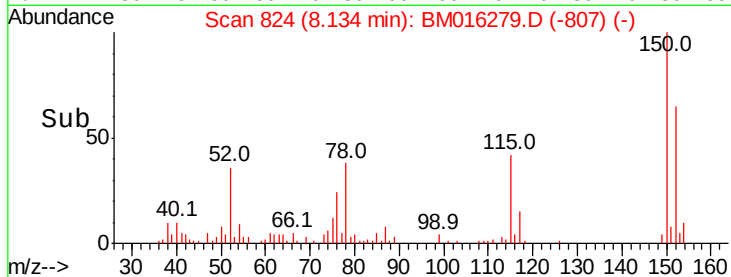
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	65.2	43.0	64.4#



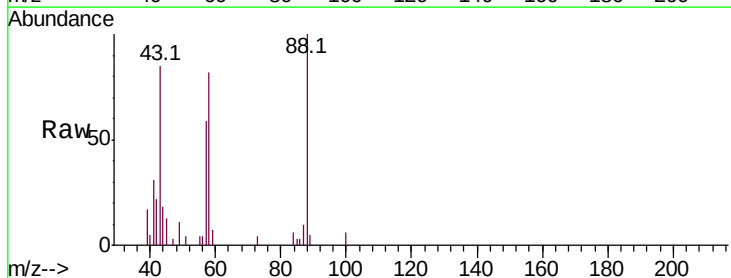
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



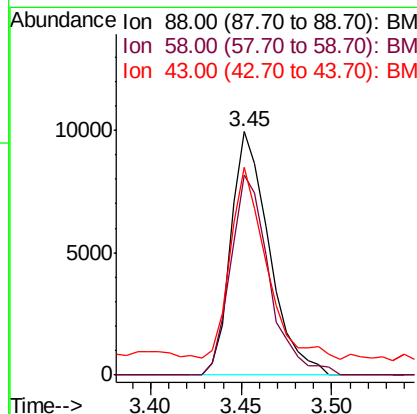
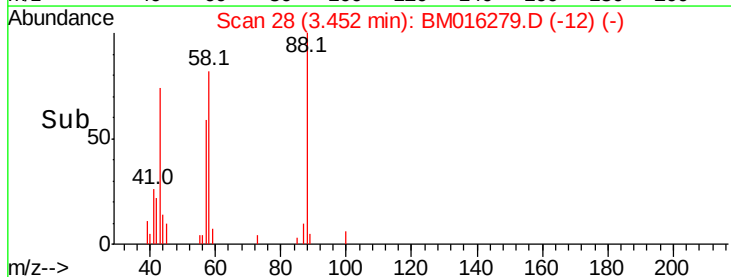
#2

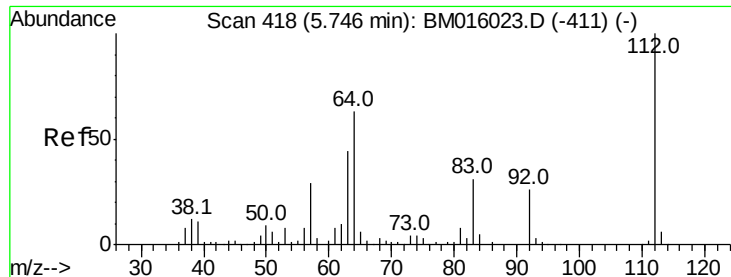
1,4-Dioxane
Concen: 11.479 ng
RT: 3.45 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	0.0	0.0#
43	74.4	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: Below na

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016279.D

Acq: 09 Aug 2018 13:37

Instrument :

BNA_M

ClientSampled :

MW-12

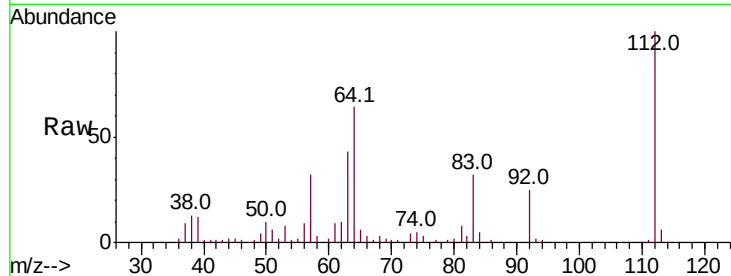
Tot Ion:112 Resp: 172777

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

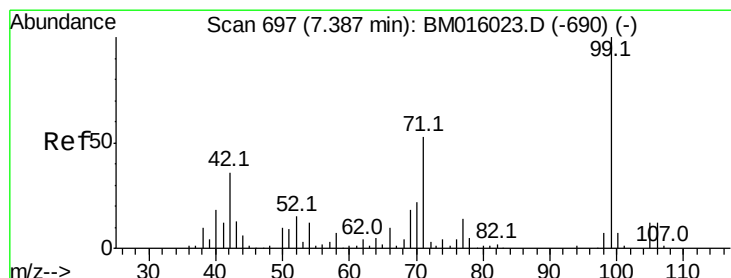
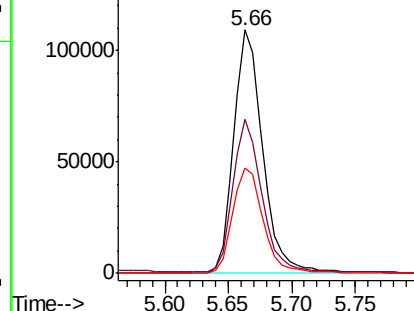
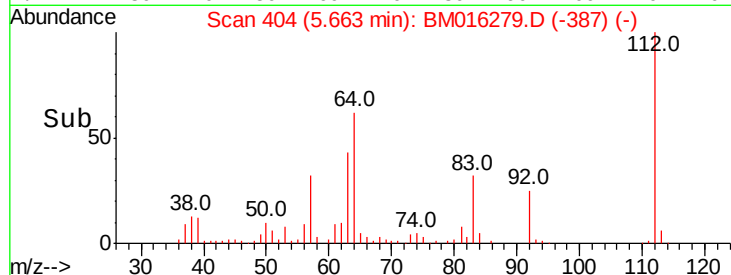
63 43.4 19.3 28.9#



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: N.D. ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016279.D

Acq: 09 Aug 2018 13:37

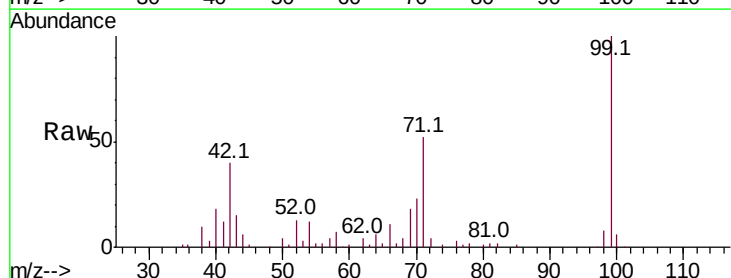
Tgt Ion: 99 Resp: 122576

Ion Ratio Lower Upper

99 100

42 40.1 11.0 16.4#

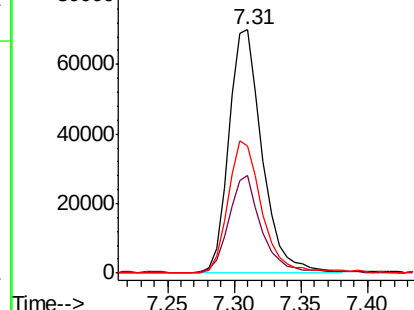
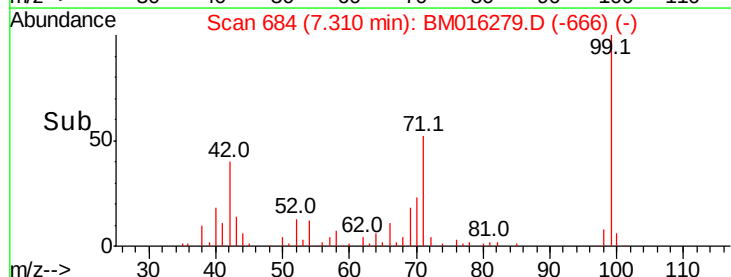
71 52.1 23.4 35.2#

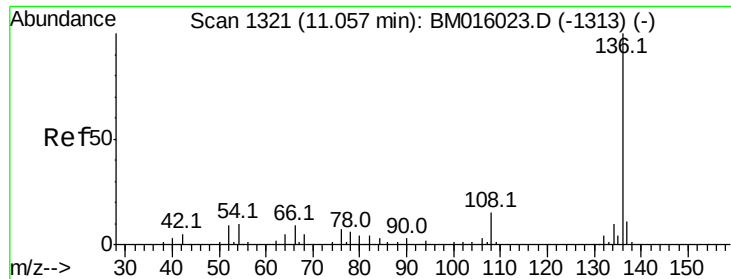


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

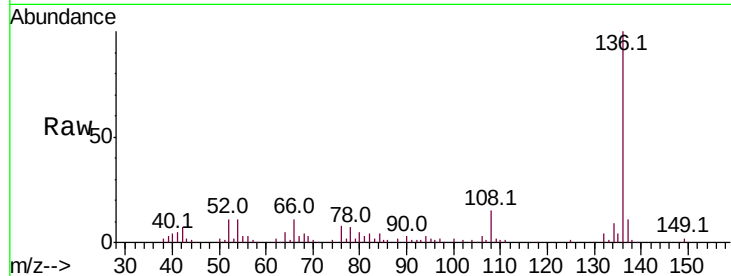




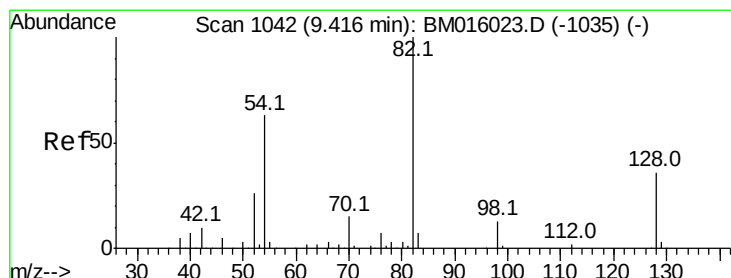
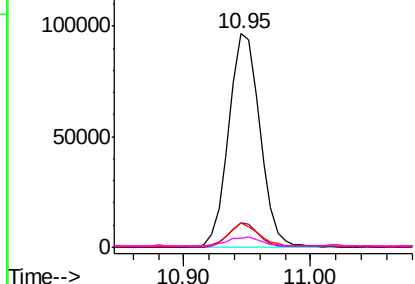
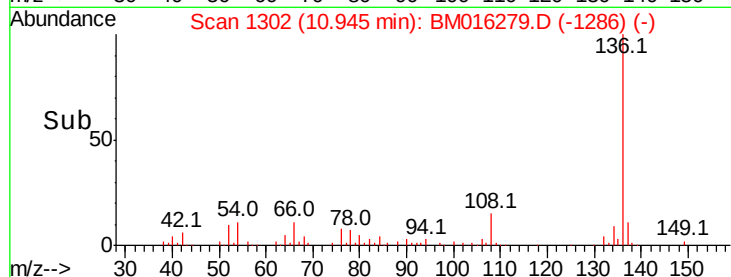
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampled :
MW-12

Tot Ion:136	Resp:	164608
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	11.2	4.6 6.8#
68	4.2	3.7 5.5

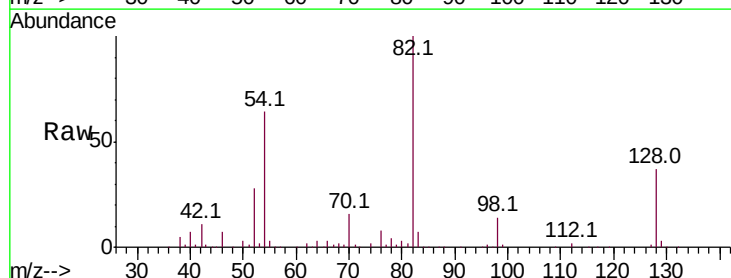


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

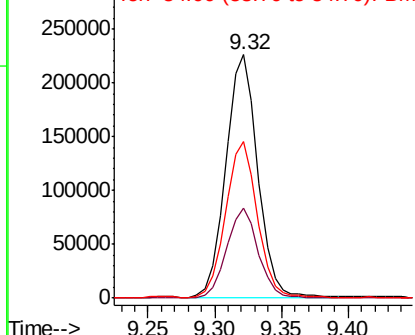
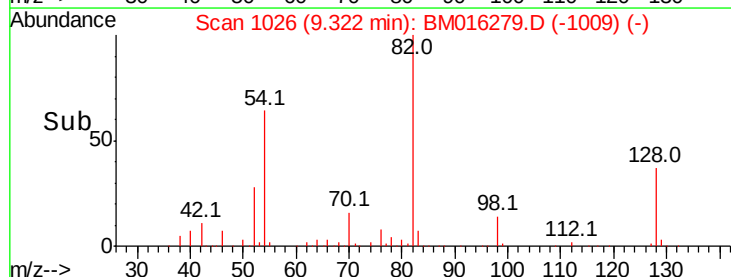


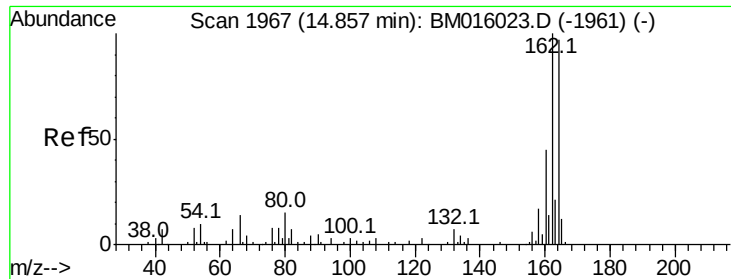
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion: 82	Resp:	375635
Ion	Ratio	Lower Upper
82	100	
128	37.1	32.8 49.2
54	64.3	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

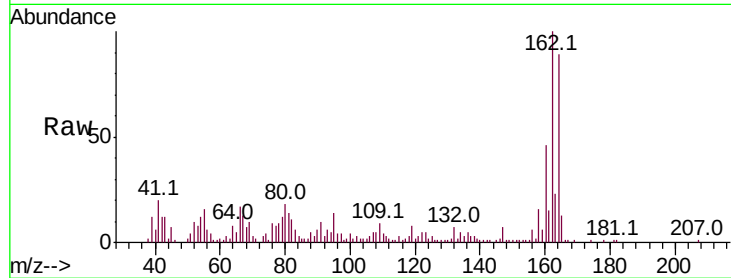




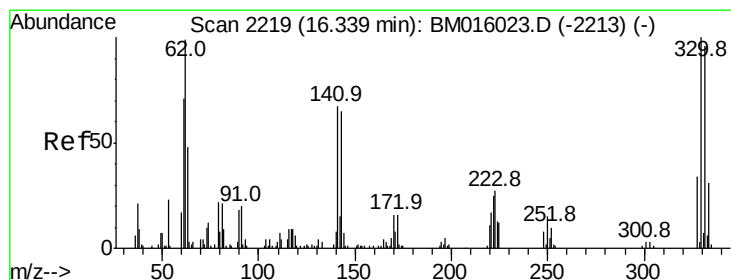
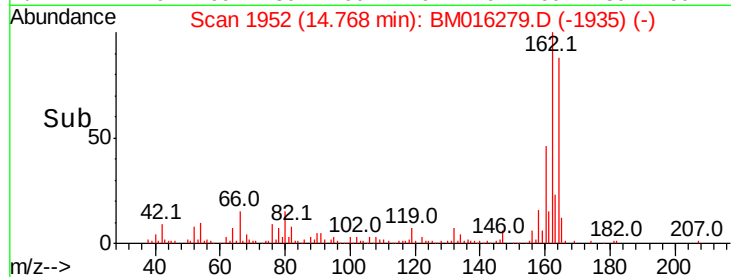
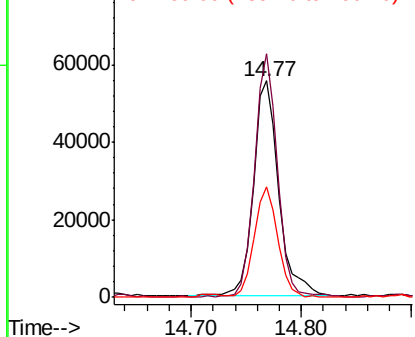
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tot Ion:164 Resp: 89196
Ion Ratio Lower Upper
164 100
162 112.6 82.4 123.6
160 51.3 35.8 53.6

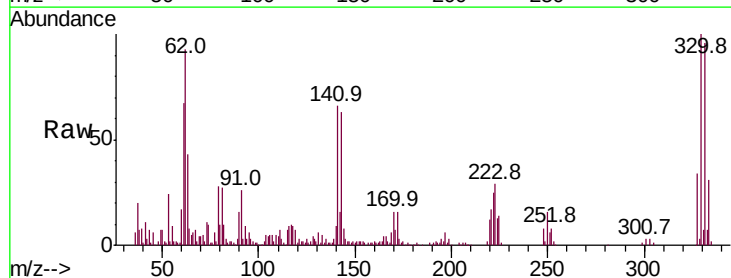


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

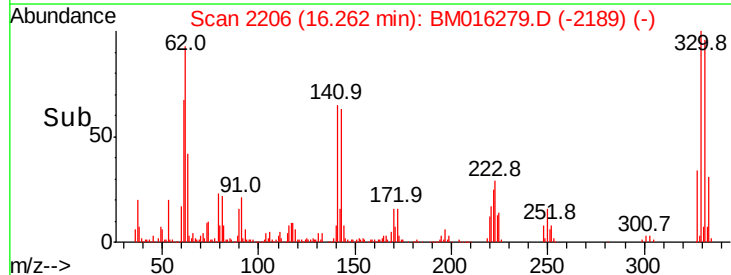
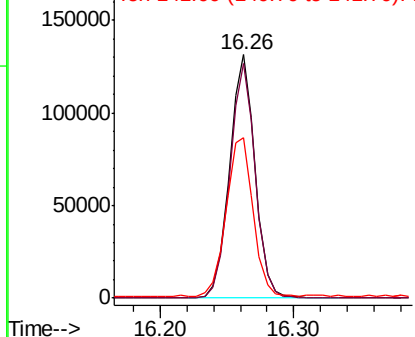


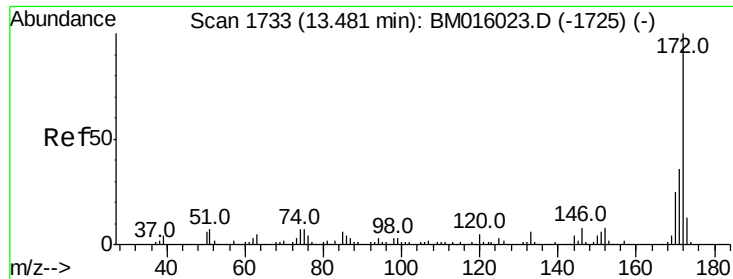
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:330 Resp: 174874
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 70.6 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

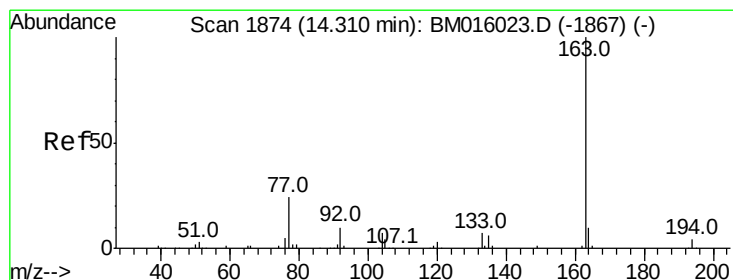
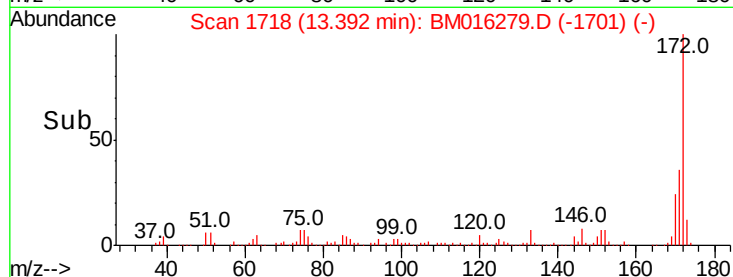
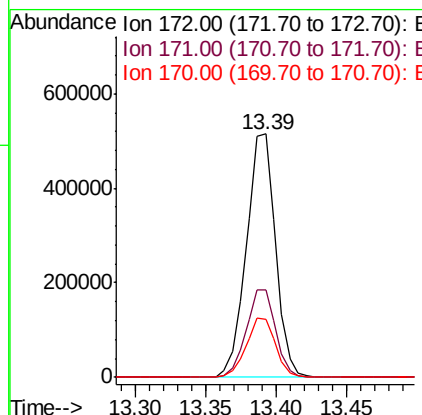
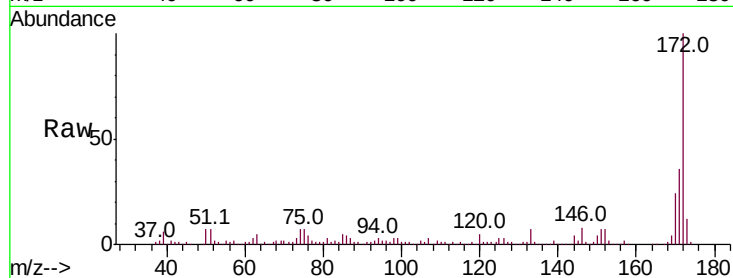




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

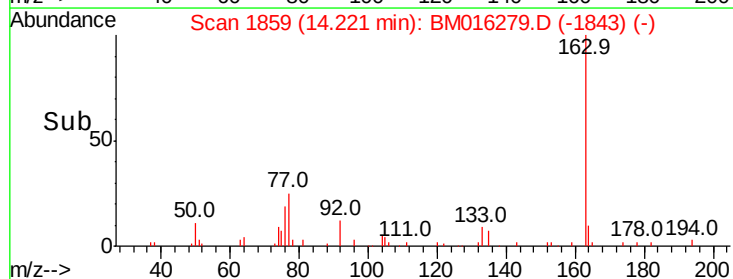
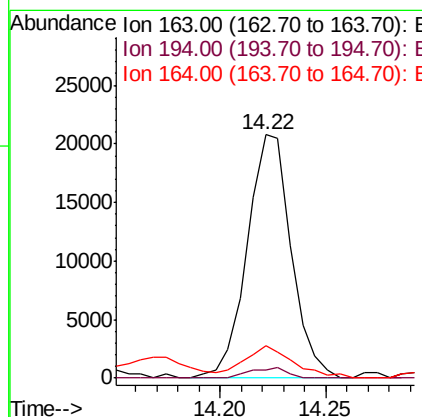
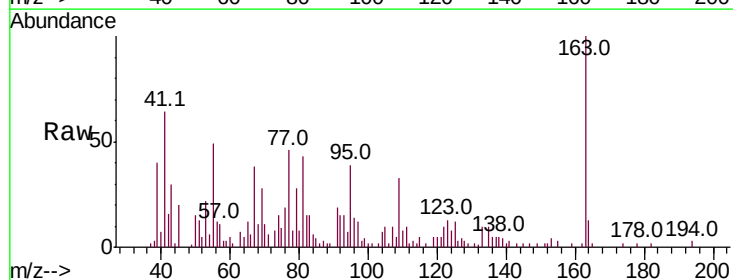
Instrument :
BNA_M
ClientSampleId :
MW-12

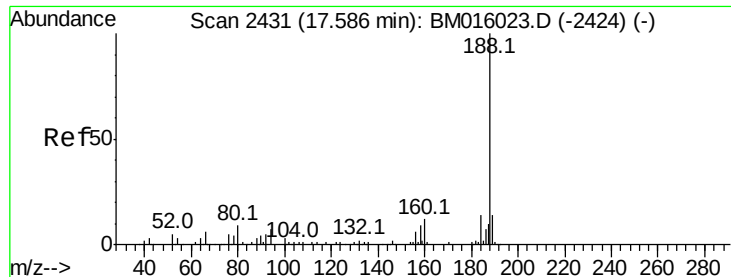
Tot Ion:172 Resp: 747180
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 18.8 28.2



#49
Dimethylphthalate
Concen: 3.862 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:163 Resp: 30148
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 13.4 8.2 12.2#

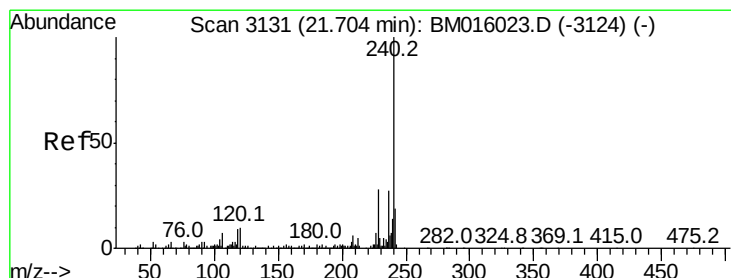
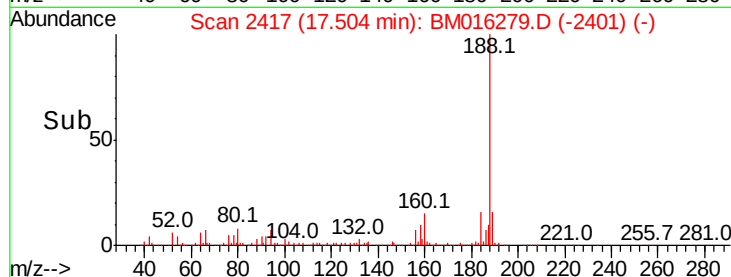
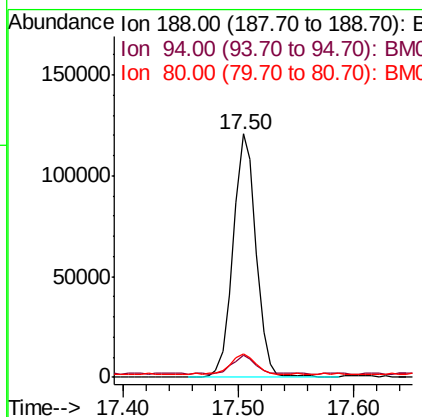
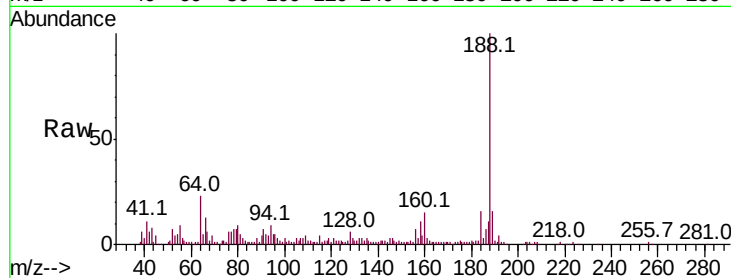




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

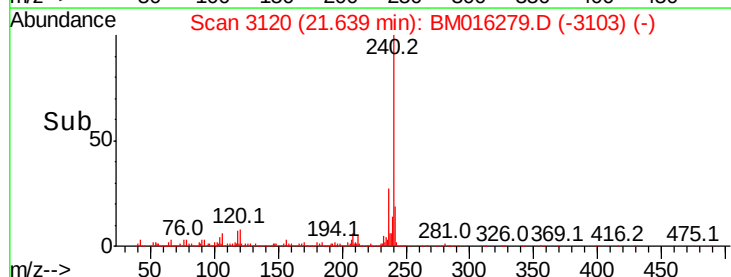
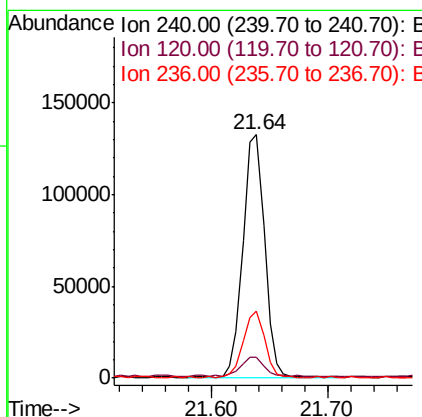
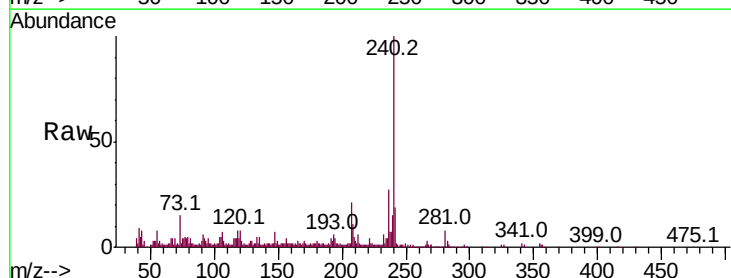
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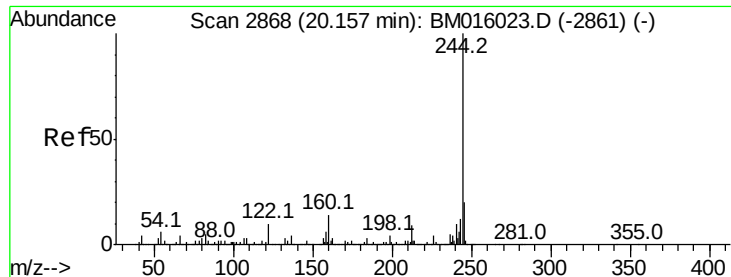
Tot Ion:188 Resp: 166498
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:240 Resp: 174058
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016279.D

Acq: 09 Aug 2018 13:37

Instrument :

BNA_M

ClientSampleId :

MW-12

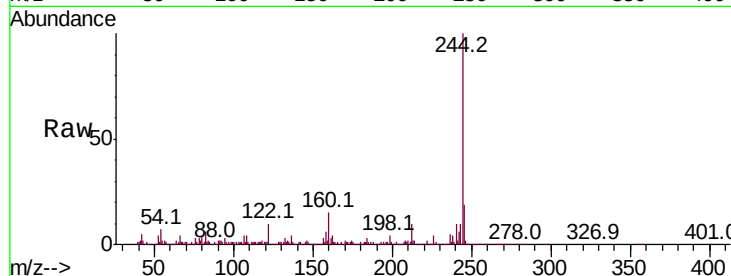
Tot Ion:244 Resp: 984323

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

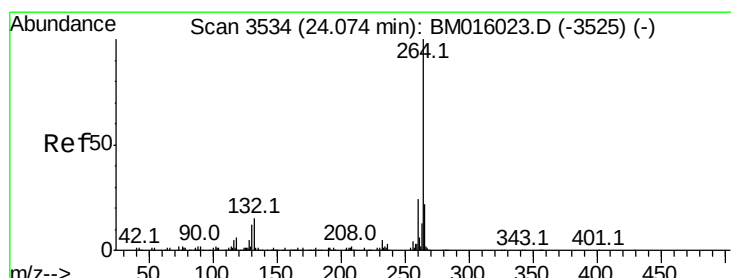
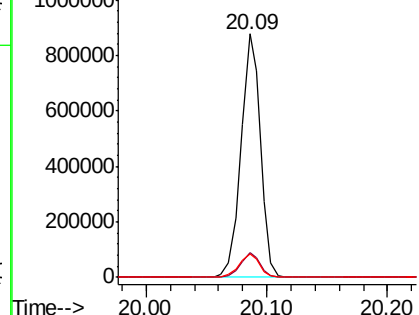
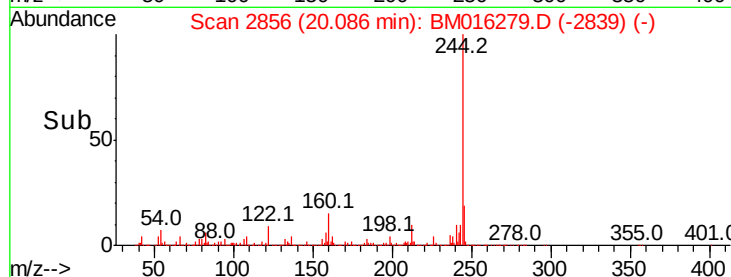
122 9.6 6.2 9.4#



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: 23.97 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM016279.D

Acq: 09 Aug 2018 13:37

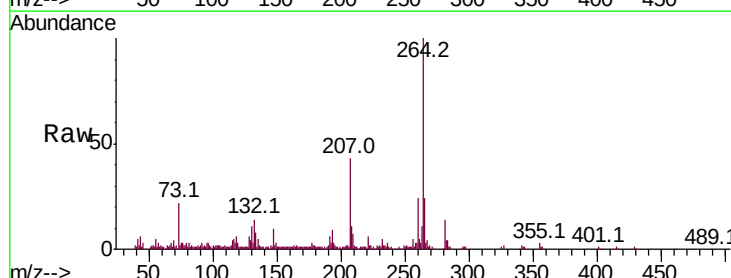
Tgt Ion:264 Resp: 186508

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 23.9 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

