

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017931.D
 Acq On : 05 Dec 2018 09:00
 Operator : JU/SJ
 Sample : J6162-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 05 11:07:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

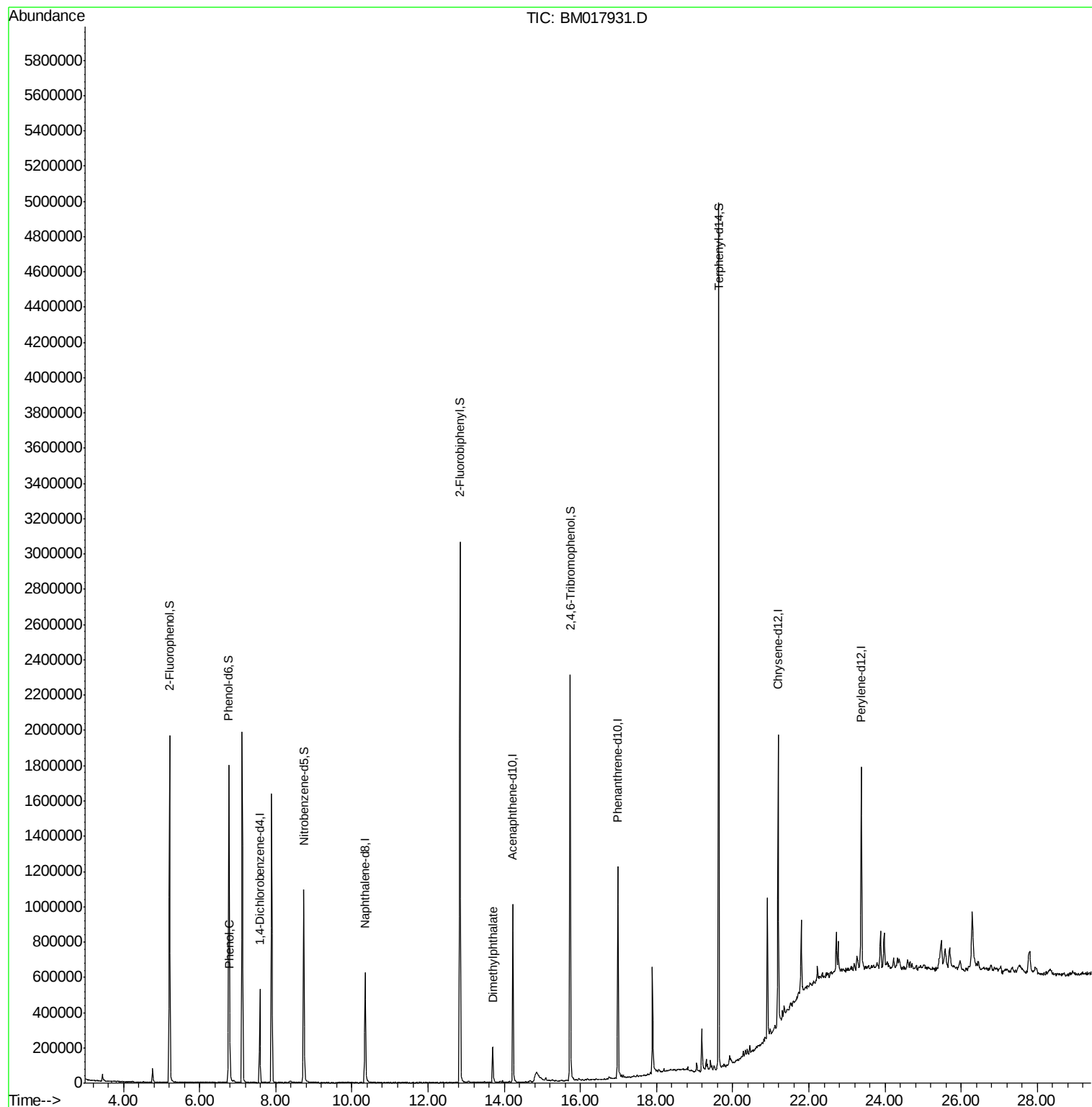
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	142748	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	569431	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	328073	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	715465	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	761449	20.00	ng	-0.02
87) Perylene-d12	23.37	264	806188	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	836634	98.91	ng	-0.03
7) Phenol-d6	6.77	99	1114484	94.34	ng	-0.03
23) Nitrobenzene-d5	8.73	82	659845	59.82	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	458515	97.27	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1630759	64.49	ng	-0.04
79) Terphenyl-d14	19.63	244	2307572	68.68	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	50857	4.101	ng	95
50) Dimethylphthalate	13.70	163	150645	5.648	ng	99

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

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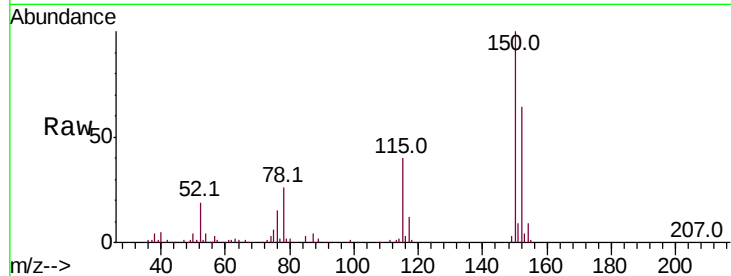


#1

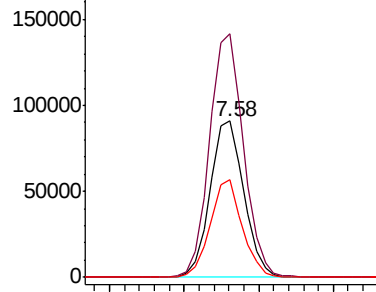
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

Instrument :
BNA_M
ClientSampleId :

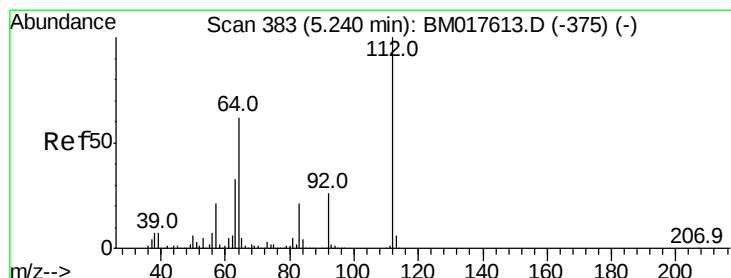
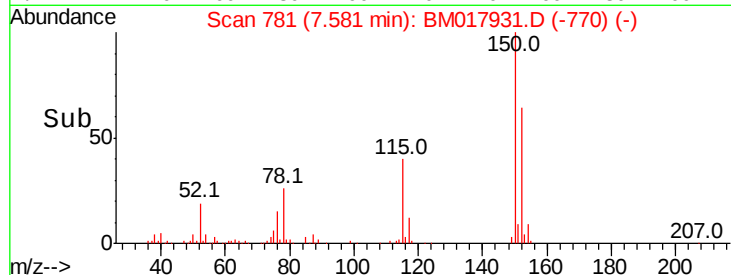
Tot Ion:152 Resp: 142748
Ion Ratio Lower Upper
152 100
150 156.1 126.4 189.6
115 62.5 49.4 74.0



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



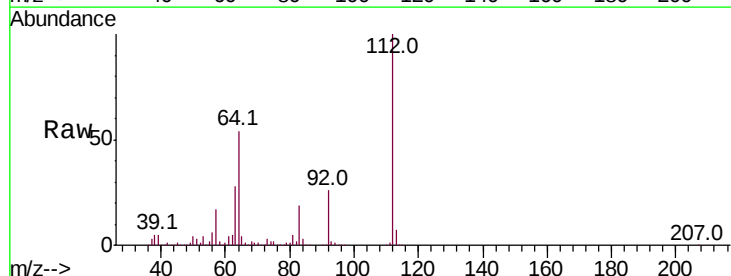
Time-->



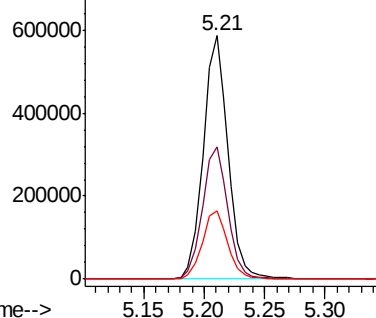
#5

2-Fluorophenol
Concen: 98.912 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

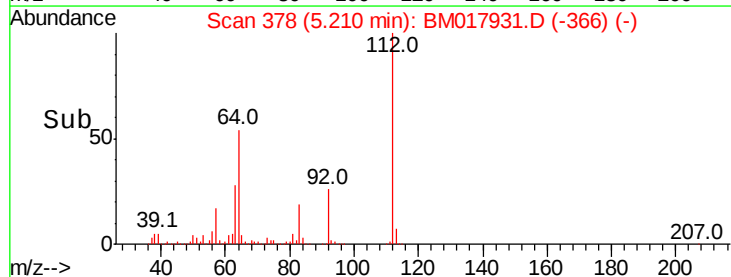
Tgt Ion:112 Resp: 836634
Ion Ratio Lower Upper
112 100
64 54.4 49.3 73.9
63 28.1 26.2 39.4

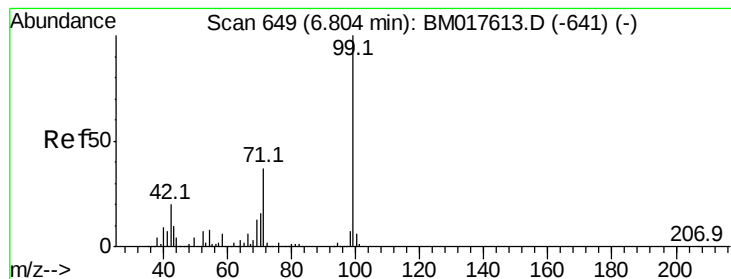


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 94.341 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

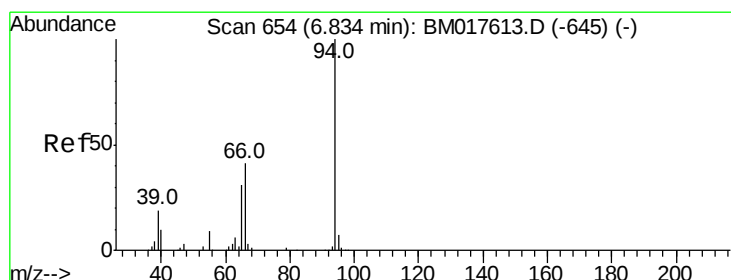
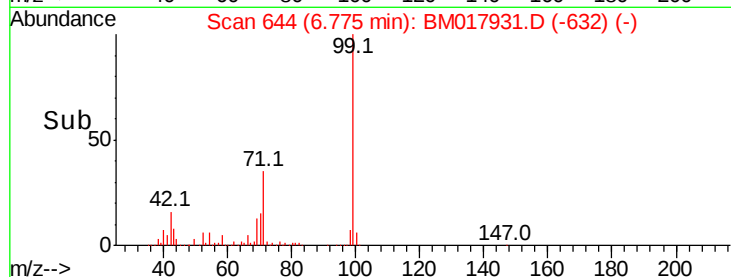
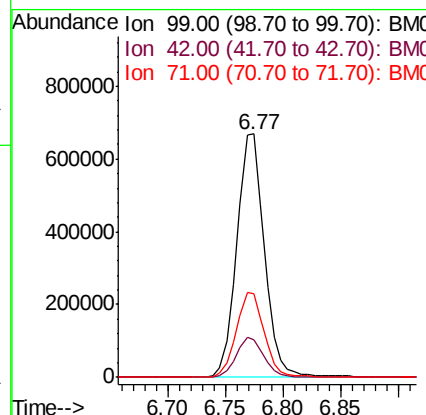
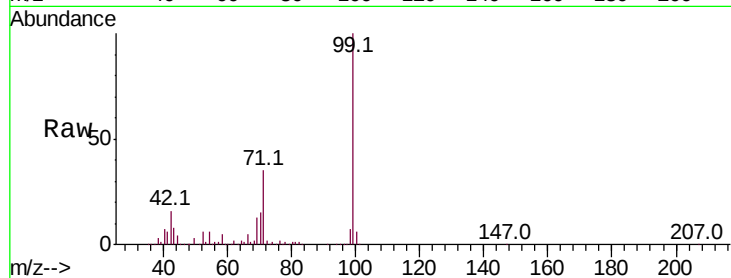
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1114484

Ion	Ratio	Lower	Upper
99	100		
42	15.6	16.3	24.5#
71	34.5	29.8	44.8



#10

Phenol

Concen: 4.101 ng

RT: 6.80 min Scan# 648

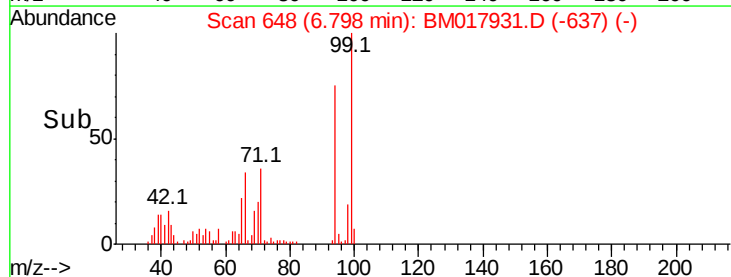
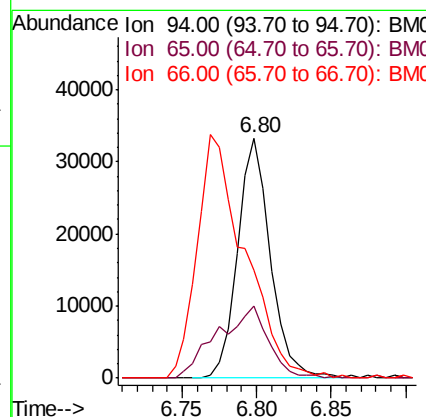
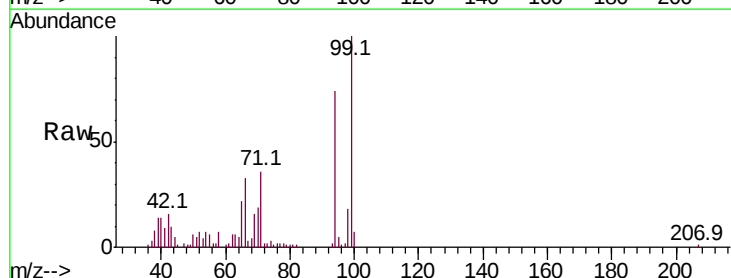
Delta R.T. -0.04 min

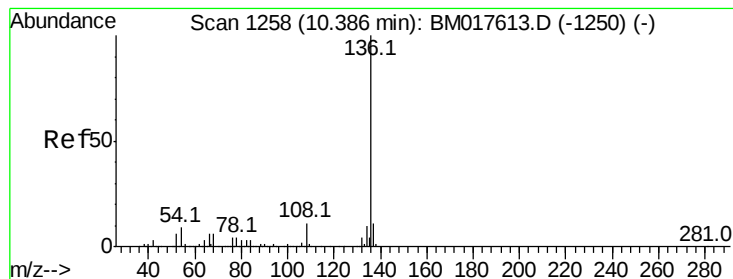
Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

Tgt Ion: 94 Resp: 50857

Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.4	51.4
66	45.1	21.4	61.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 569431

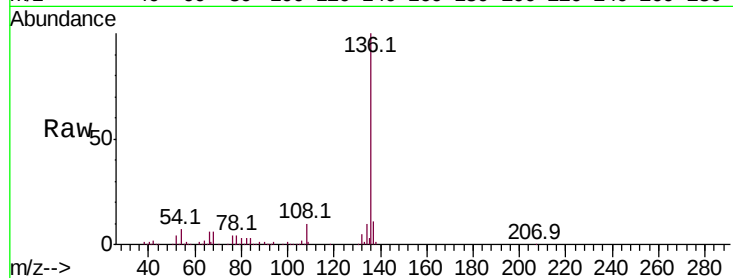
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.8 7.0 10.6#

68 6.4 4.9 7.3

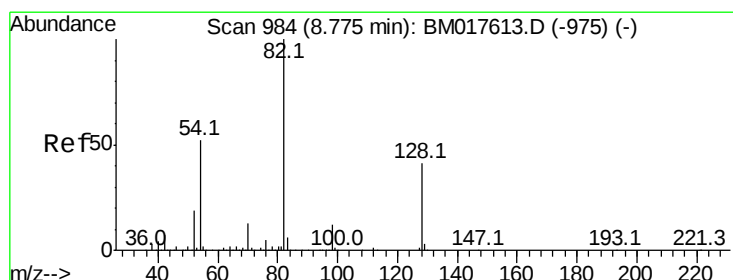
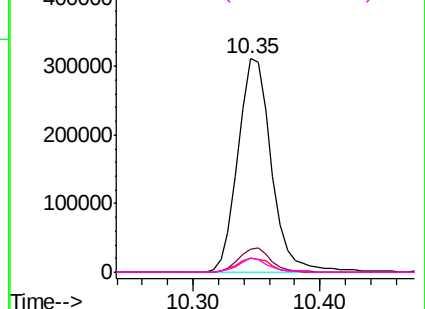
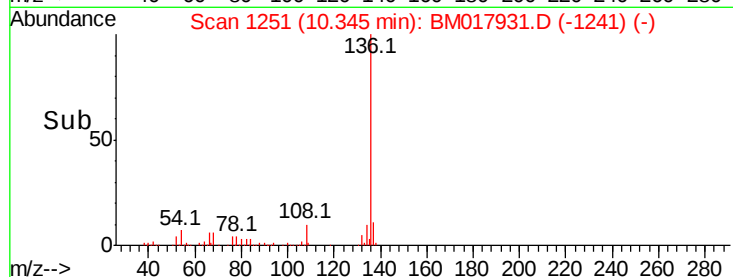


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.822 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

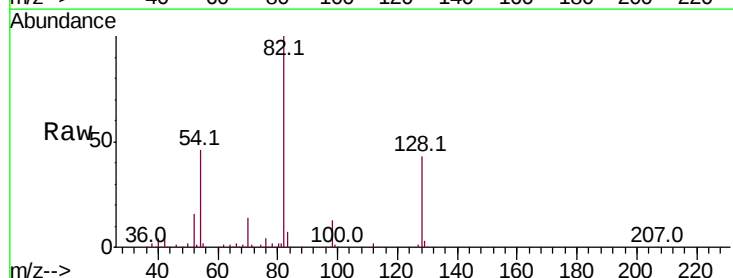
Tgt Ion: 82 Resp: 659845

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.4

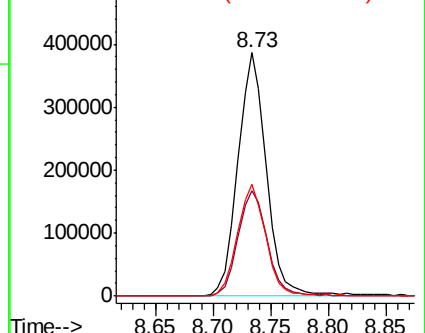
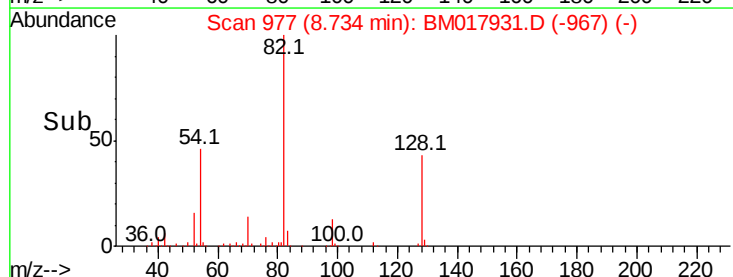
54 45.7 41.4 62.2

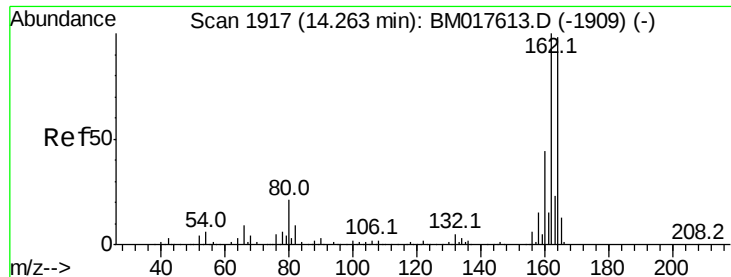


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

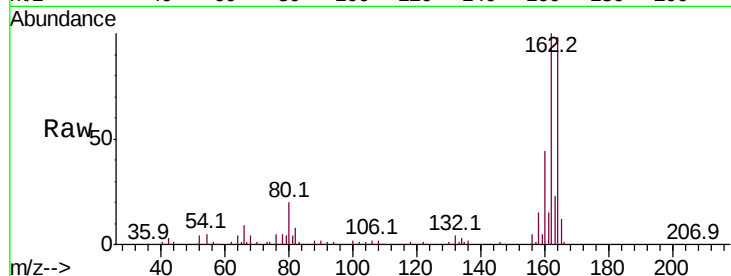




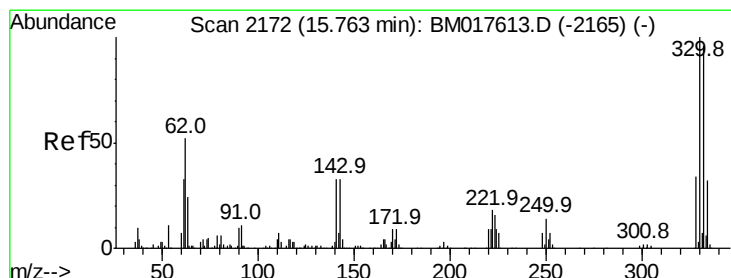
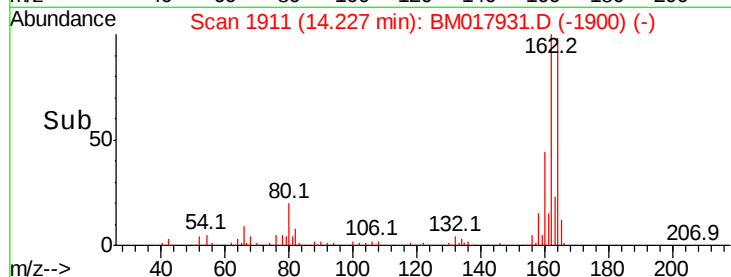
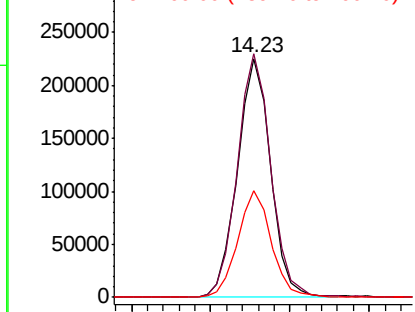
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 328073
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.7 35.6 53.4

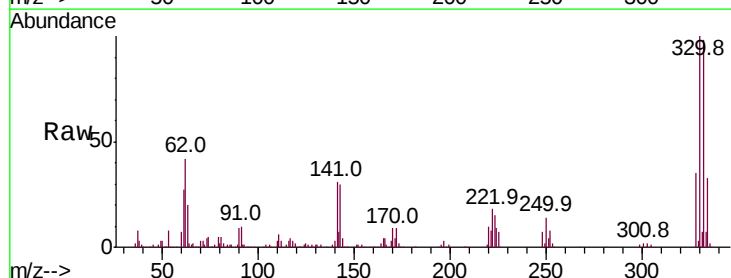


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

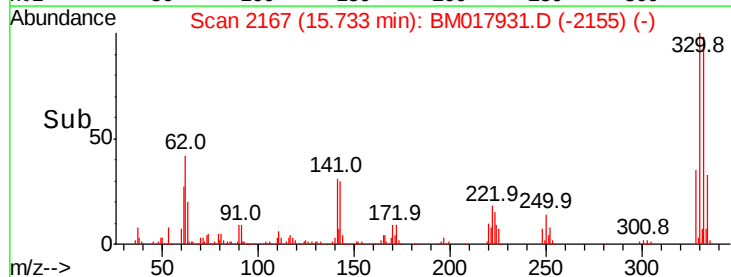
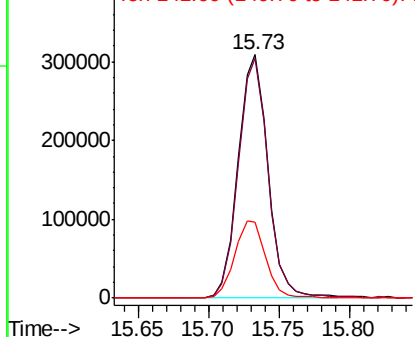


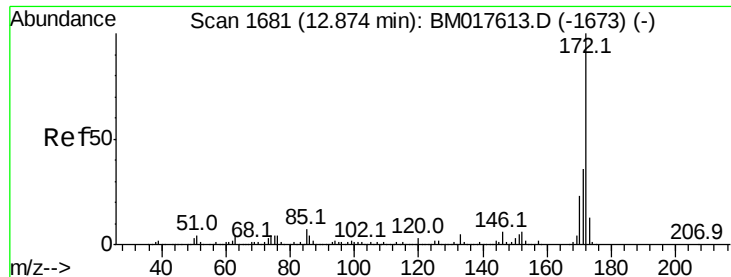
#42
2,4,6-Tribromophenol
Concen: 97.268 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

Tgt Ion:330 Resp: 458515
Ion Ratio Lower Upper
330 100
332 97.7 77.9 116.9
141 32.9 27.5 41.3



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

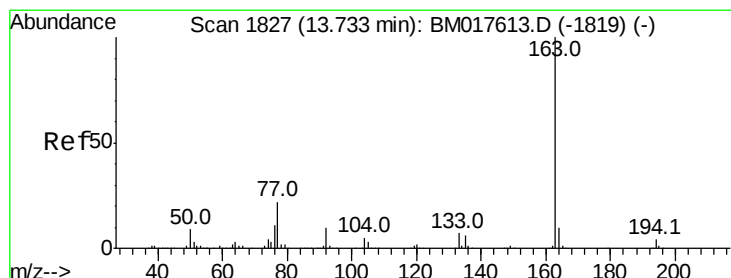
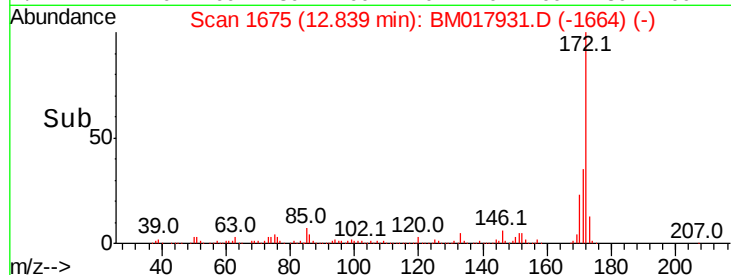
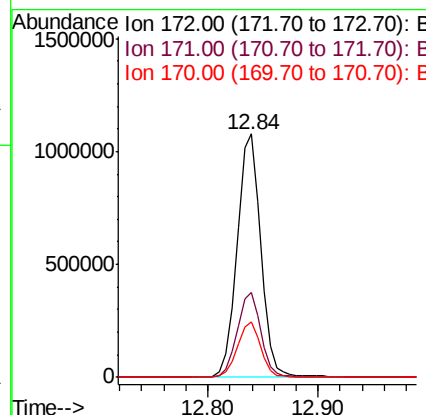
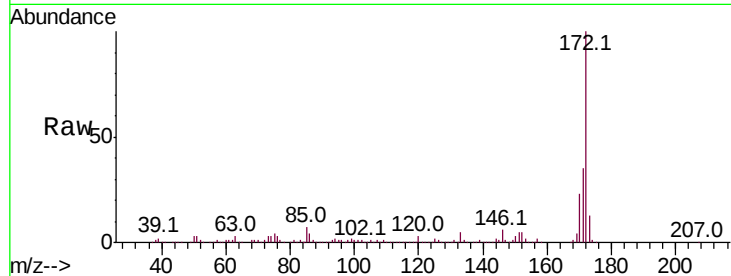




#45
2-Fluorobiphenyl
Concen: 64.487 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

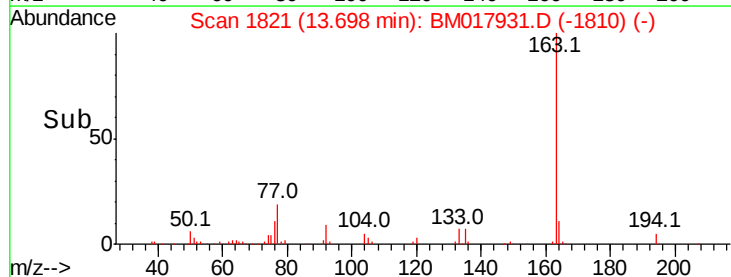
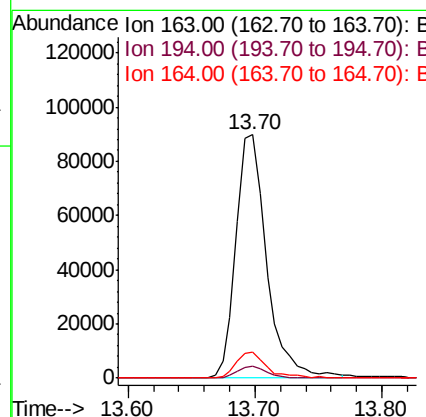
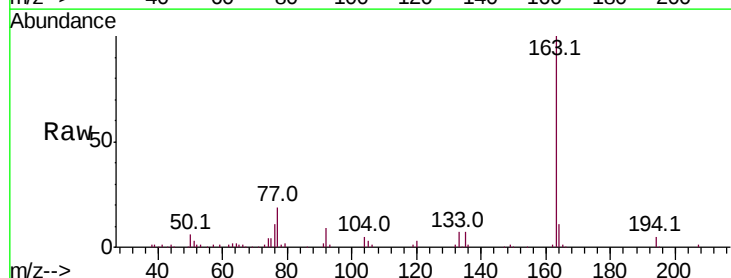
Instrument :
BNA_M
ClientSampled :

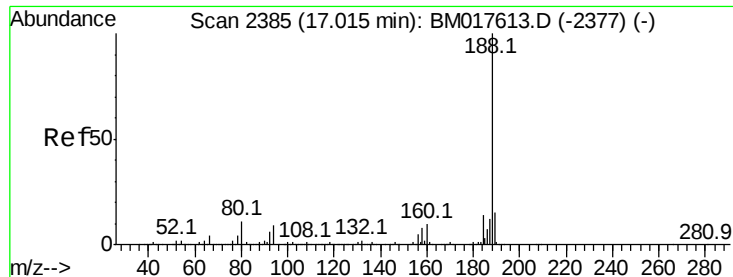
Tot Ion:172 Resp: 1630759
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.5 18.3 27.5



#50
Dimethylphthalate
Concen: 5.648 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

Tgt Ion:163 Resp: 150645
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7
164 10.6 8.2 12.4

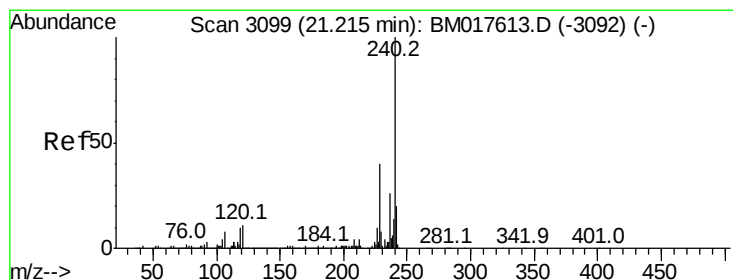
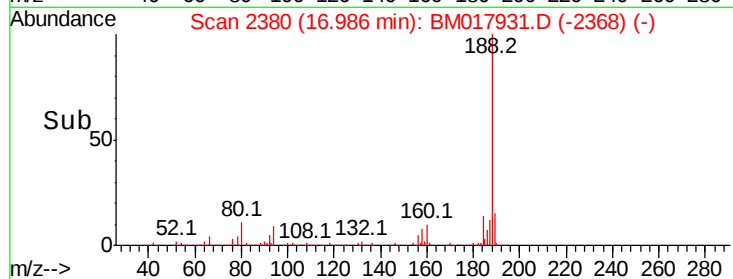
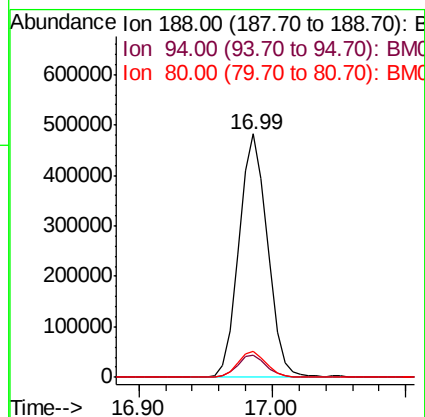
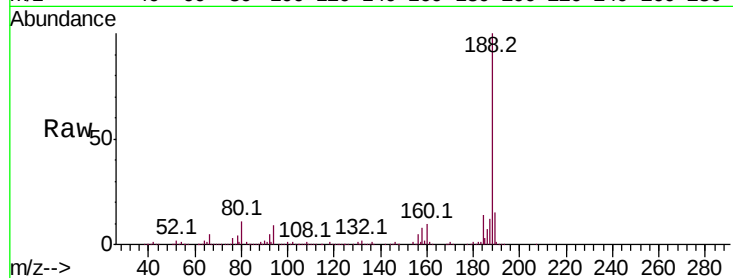




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

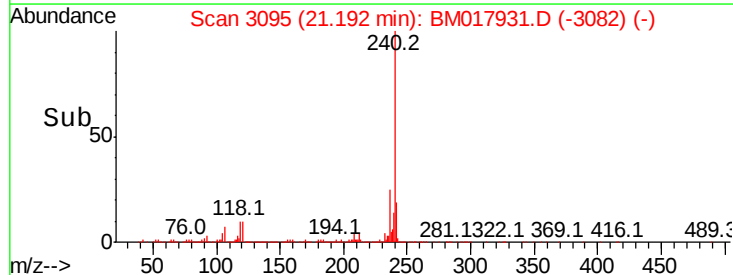
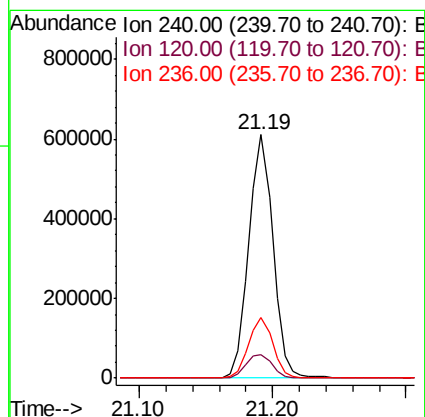
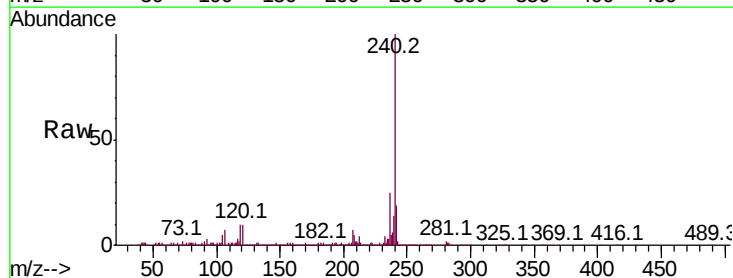
Instrument :
BNA_M
ClientSampleId :

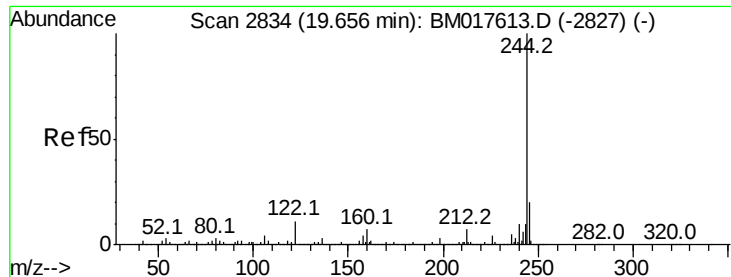
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.6	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017931.D
Acq: 05 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.7	20.4	30.6





#79

Terphenyl-d14

Concen: 68.684 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

Instrument :

BNA_M

ClientSampled :

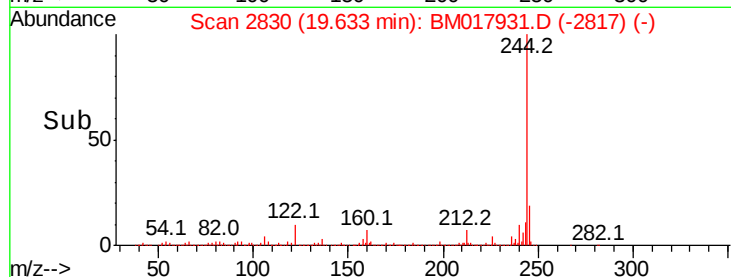
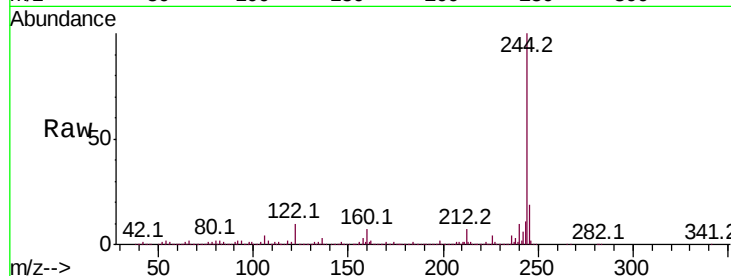
Tot Ion:244 Resp: 2307572

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

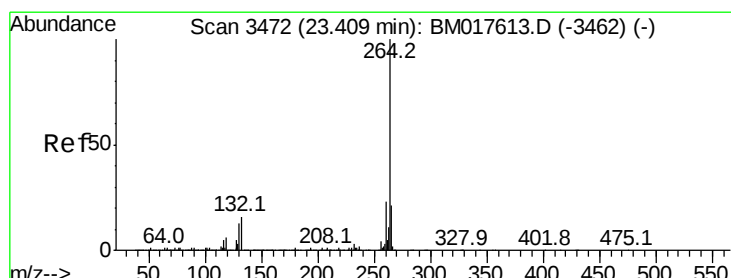
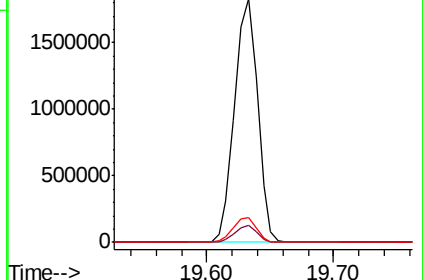
122 10.4 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017931.D

Acq: 05 Dec 2018 09:00

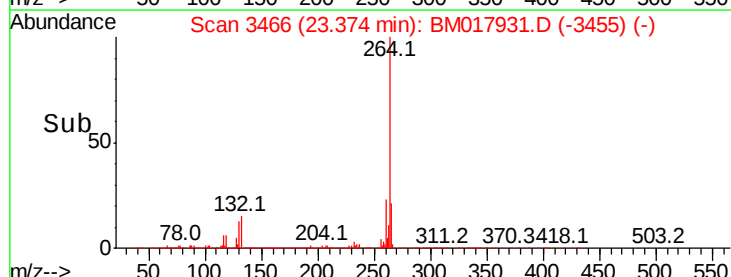
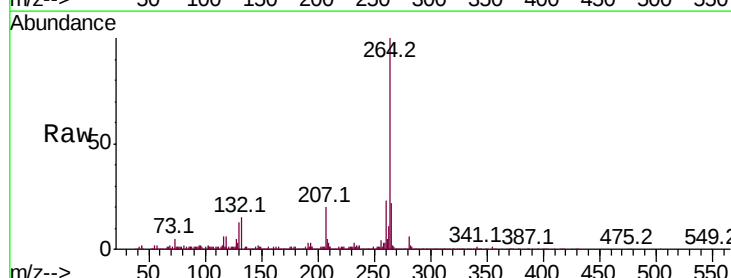
Tgt Ion:264 Resp: 806188

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 22.0 17.5 26.3



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

