

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017951.D
 Acq On : 06 Dec 2018 00:51
 Operator : JU/SJ
 Sample : J6208-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Dec 06 05:01:50 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

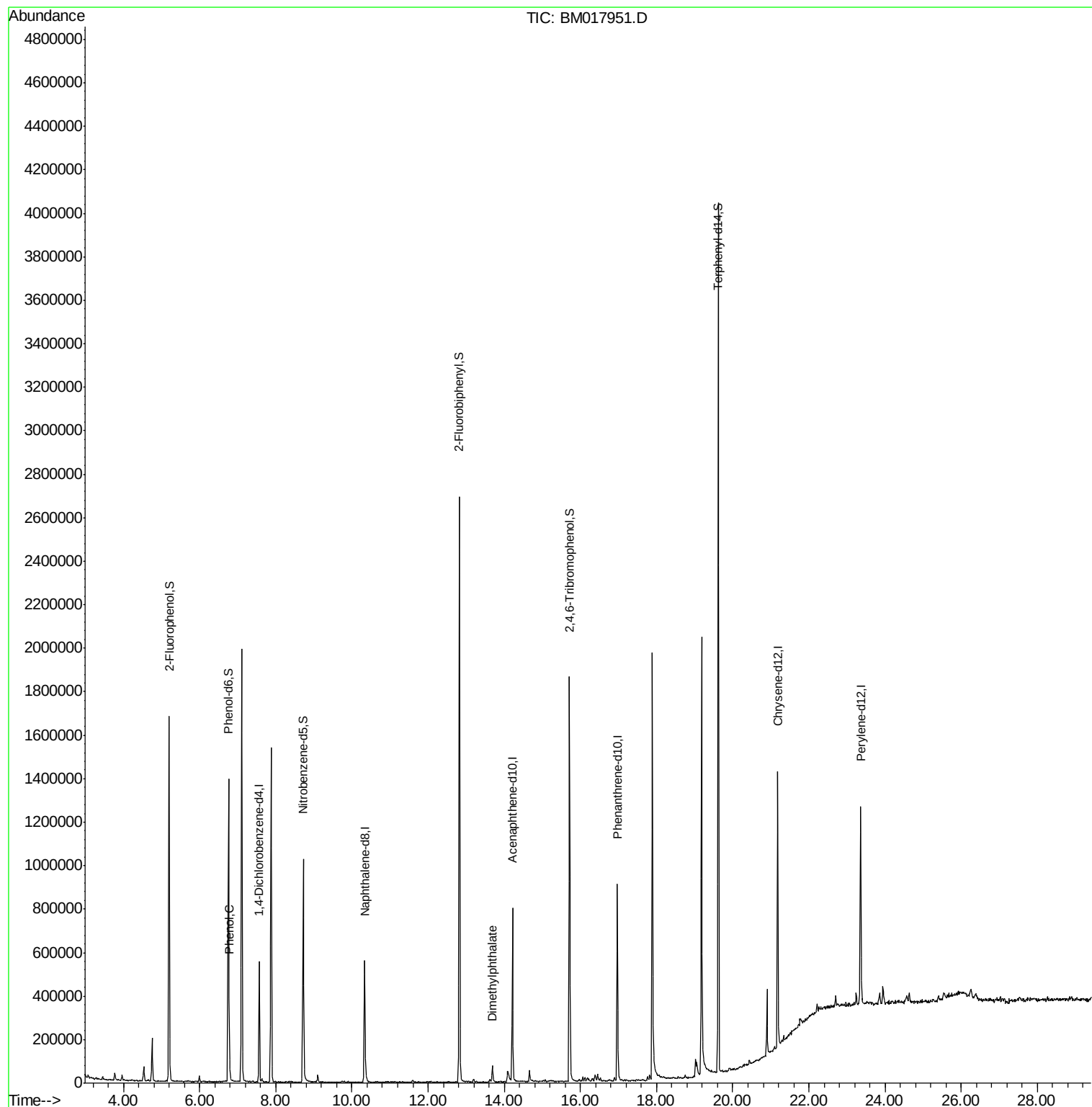
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	145085	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	515764	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	266363	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	560266	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	603102	20.00	ng	-0.04
87) Perylene-d12	23.36	264	645259	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	726433	84.50	ng	-0.04
7) Phenol-d6	6.76	99	804081	66.97	ng	-0.05
23) Nitrobenzene-d5	8.72	82	643688	64.43	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	369779	96.62	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1436061	69.94	ng	-0.05
79) Terphenyl-d14	19.62	244	1877325	70.55	ng	-0.04
Target Compounds						
10) Phenol	6.78	94	64641	5.129	ng	97
50) Dimethylphthalate	13.69	163	59406	2.743	ng	98

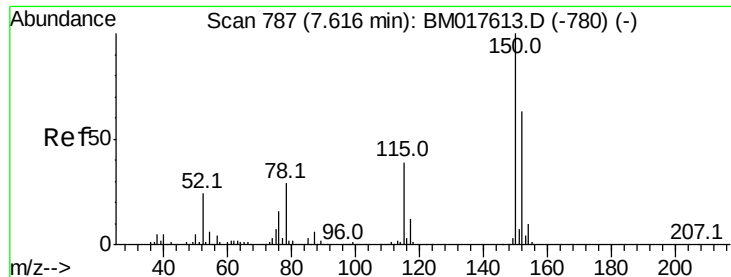
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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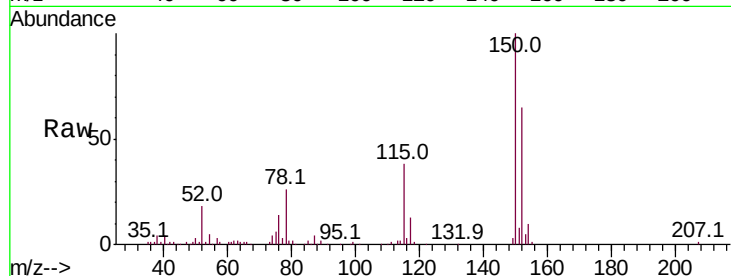


#1

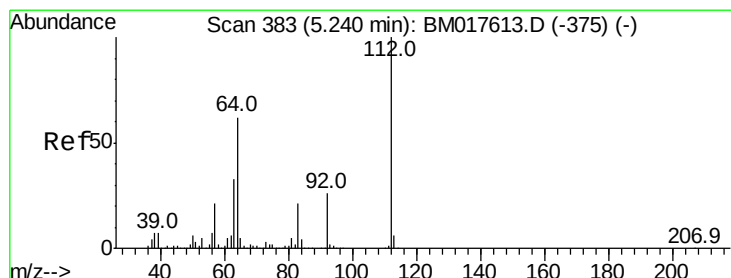
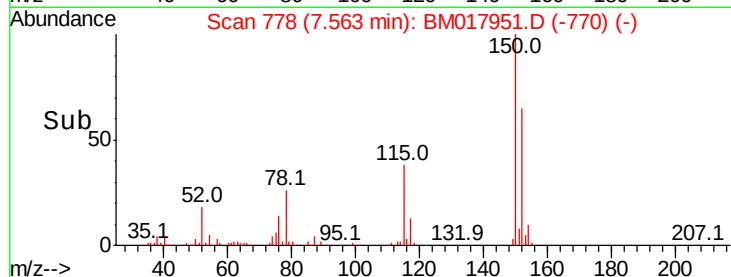
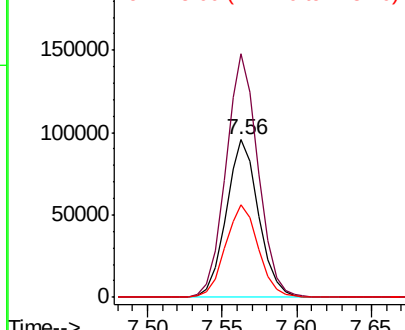
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.4	189.6
115	58.3	49.4	74.0



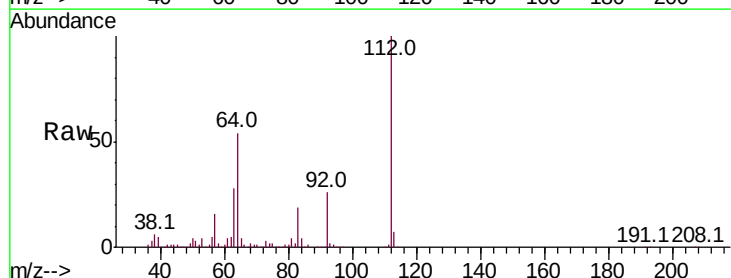
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



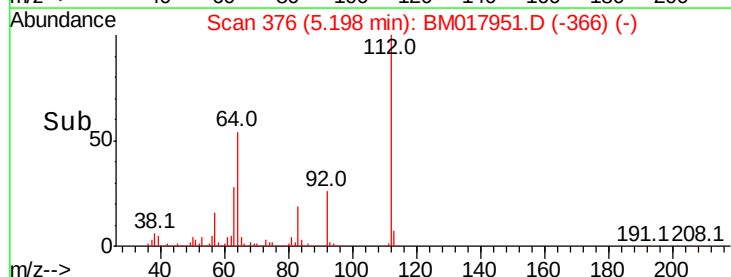
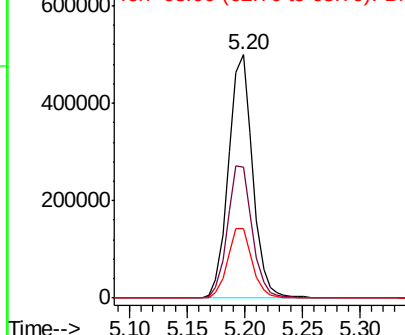
#5

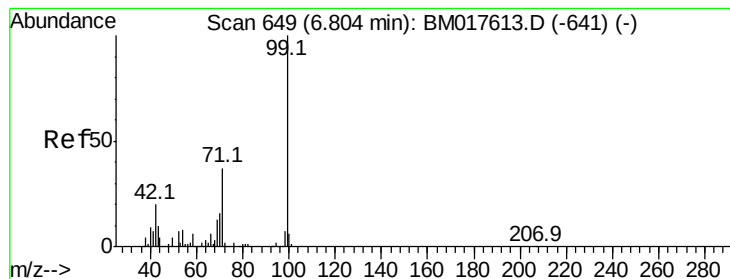
2-Fluorophenol
Concen: 84.500 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	49.3	73.9
63	28.4	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





#7

Phenol-d6

Concen: 66.969 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

Instrument :

BNA_M

ClientSampleId :

TP-2

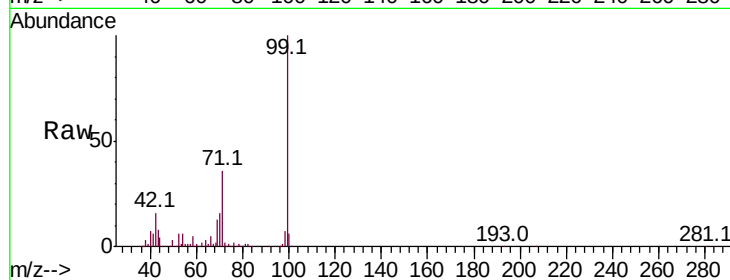
Tot Ion: 99 Resp: 804081

Ion Ratio Lower Upper

99 100

42 16.4 16.3 24.5

71 35.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)

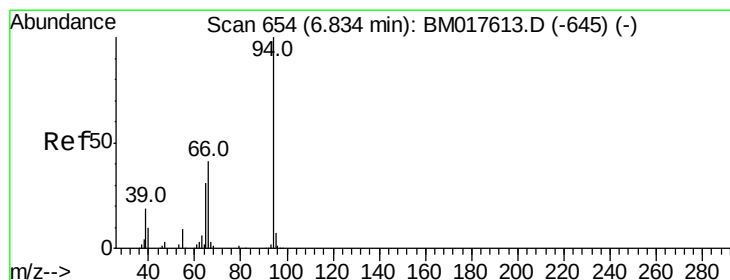
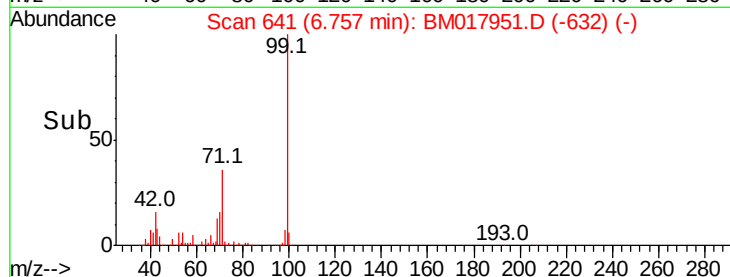
6.76

400000

200000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#10

Phenol

Concen: 5.129 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.05 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

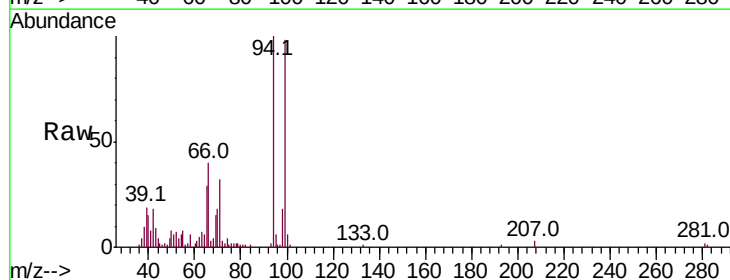
Tgt Ion: 94 Resp: 64641

Ion Ratio Lower Upper

94 100

65 29.4 11.4 51.4

66 39.5 21.4 61.4



Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

6.78

50000

40000

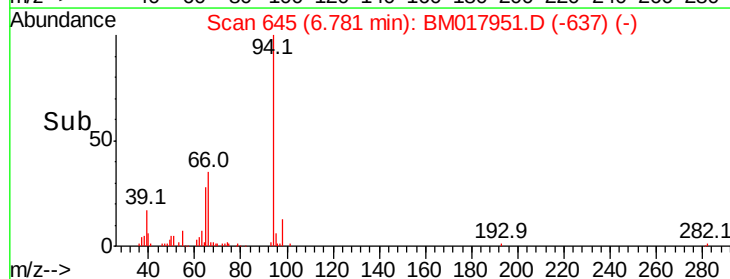
30000

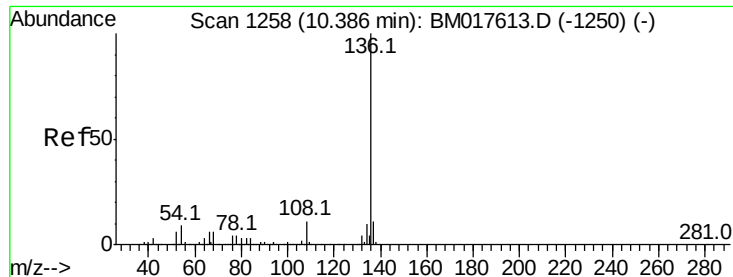
20000

10000

0

Time--> 6.70 6.75 6.80 6.85

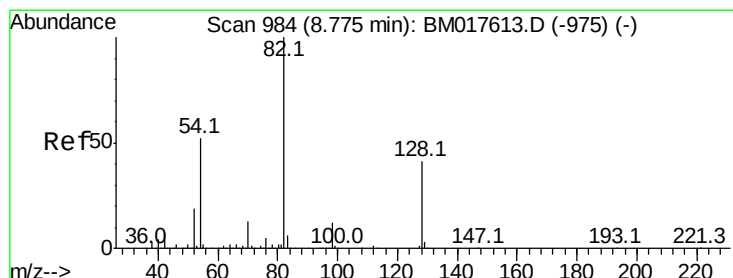
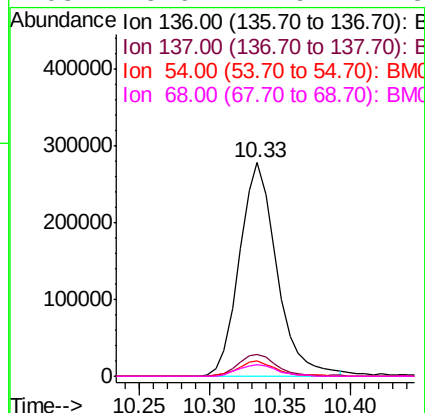
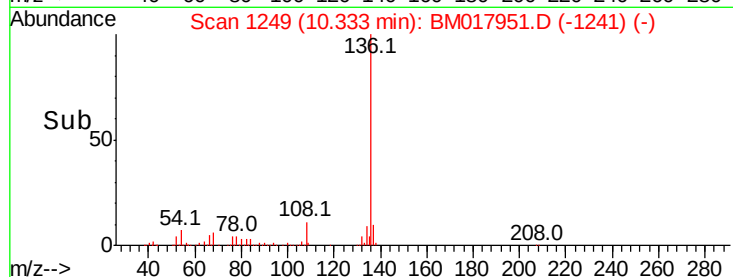
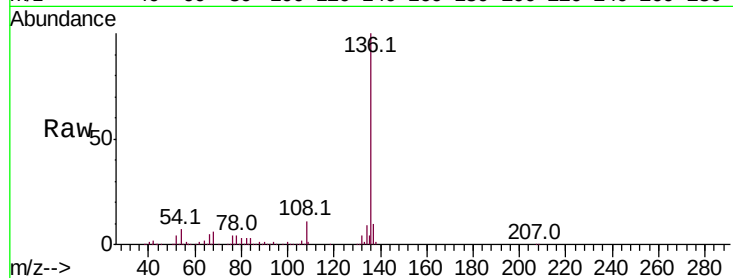




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

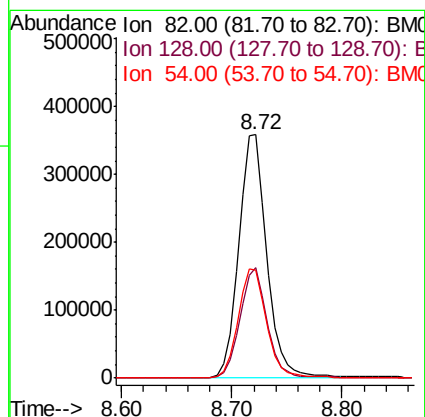
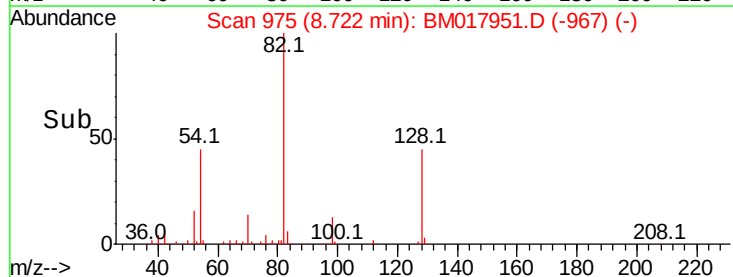
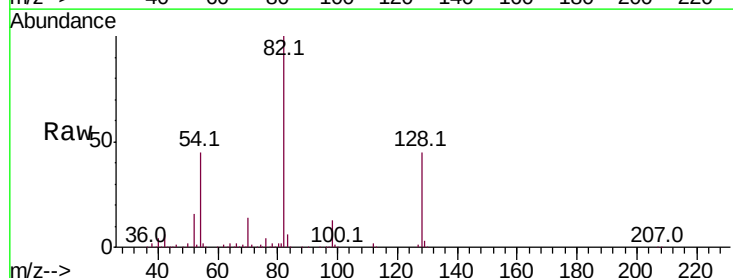
Instrument :
BNA_M
ClientSampleId :
TP-2

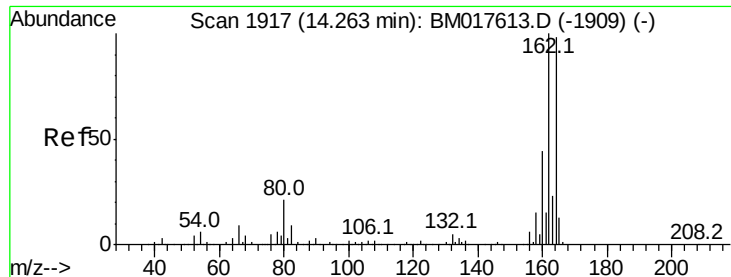
Tot Ion:136	Resp: 515764
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 12.8
54 7.1	7.0 10.6
68 5.6	4.9 7.3



#23
Nitrobenzene-d5
Concen: 64.430 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Tgt Ion: 82	Resp: 643688
Ion Ratio	Lower Upper
82 100	
128 45.2	33.0 49.4
54 44.6	41.4 62.2

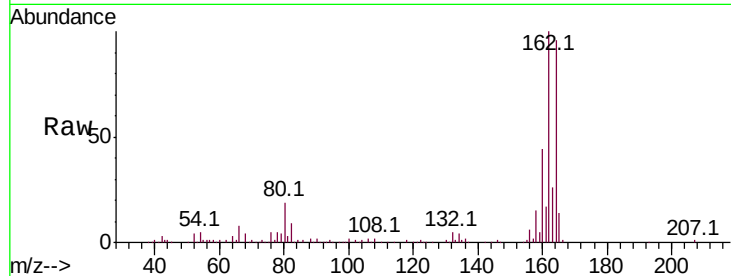




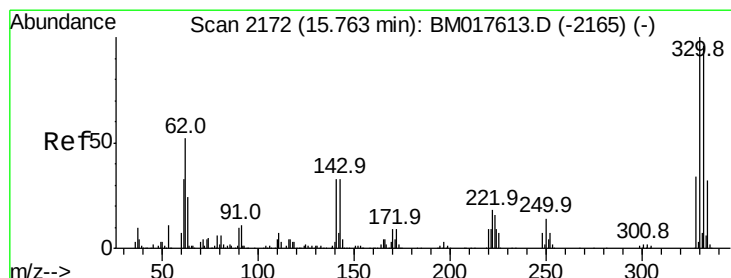
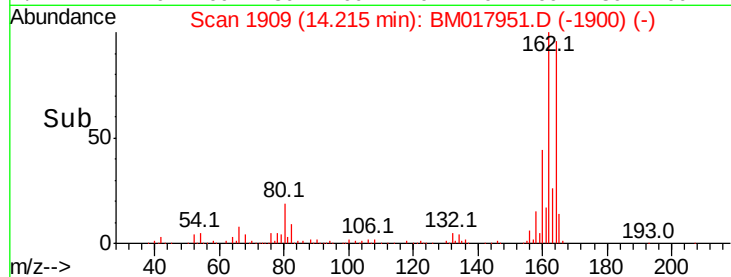
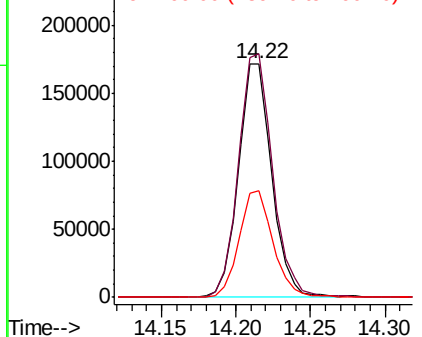
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Instrument :
BNA_M
ClientSampleId :
TP-2

Tot Ion:164 Resp: 266363
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 45.5 35.6 53.4

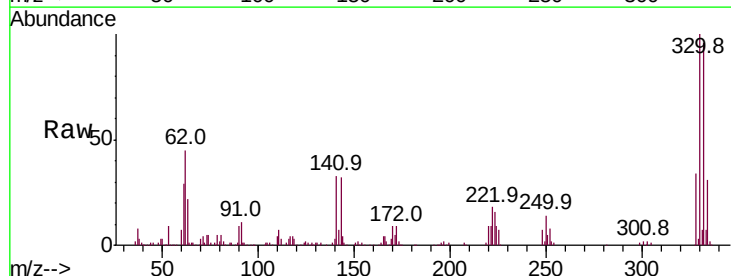


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

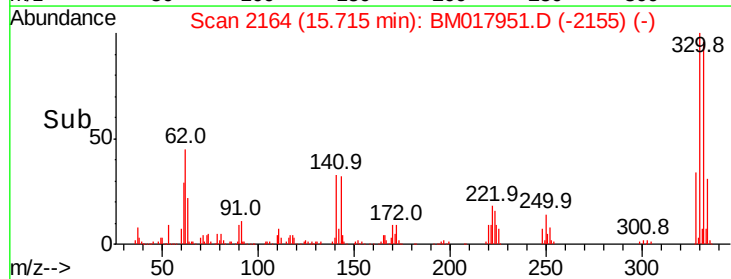
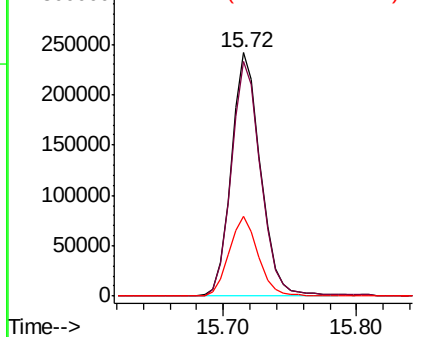


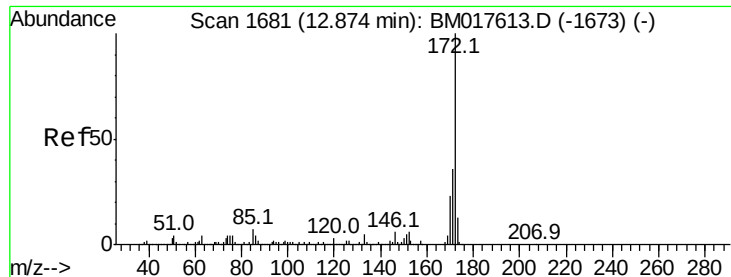
#42
2,4,6-Tribromophenol
Concen: 96.617 ng
RT: 15.72 min Scan# 2164
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Tgt Ion:330 Resp: 369779
Ion Ratio Lower Upper
330 100
332 96.7 77.9 116.9
141 32.7 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

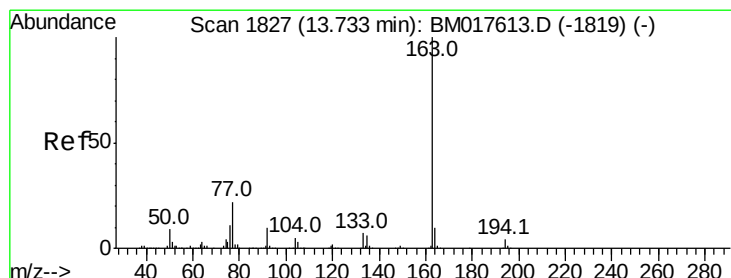
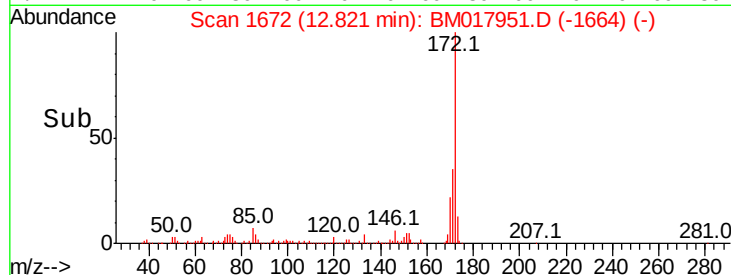
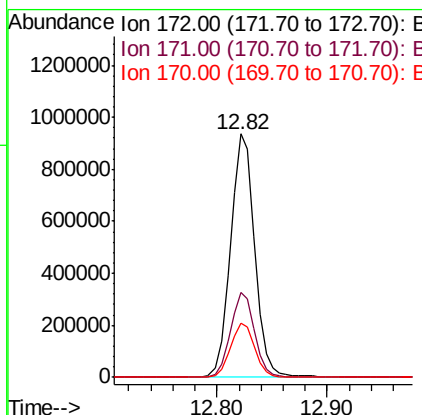
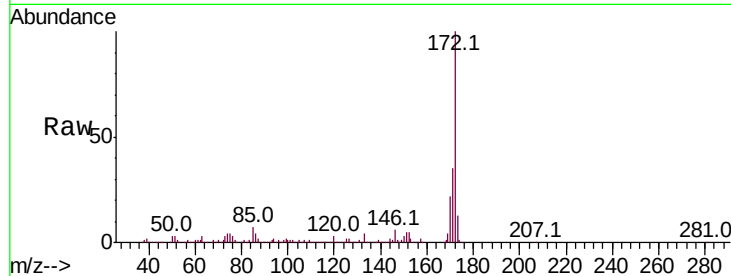




#45
2-Fluorobiphenyl
Concen: 69.944 ng
RT: 12.82 min Scan# 1672
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

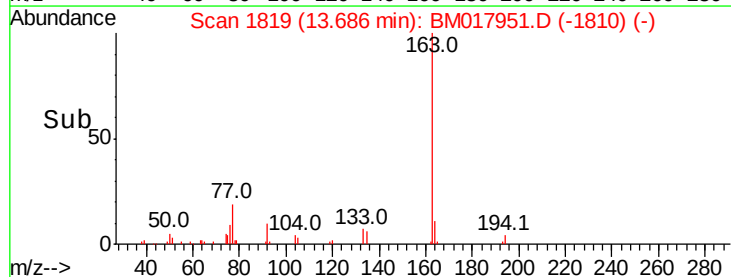
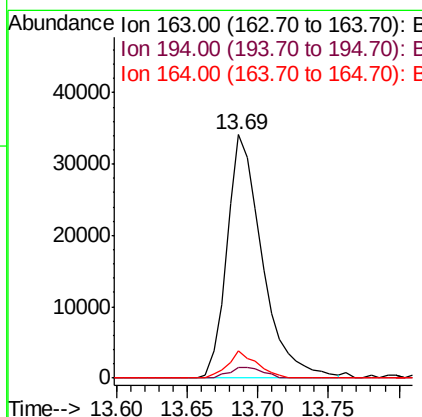
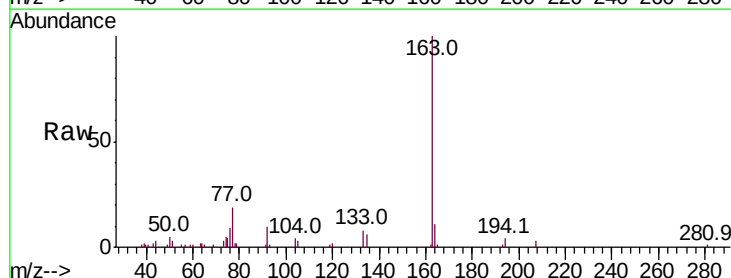
Instrument :
BNA_M
ClientSampleId :
TP-2

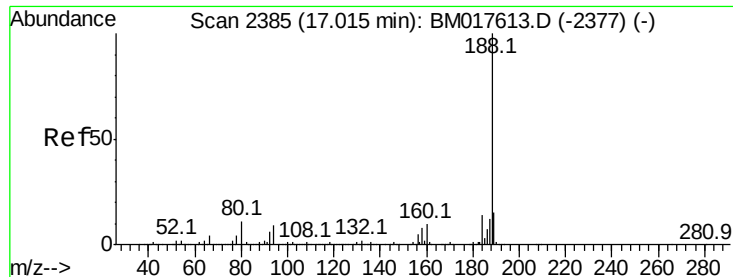
Tot Ion:172 Resp: 1436061
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 22.4 18.3 27.5



#50
Dimethylphthalate
Concen: 2.743 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.05 min
Lab File: BM017951.D
Acq: 06 Dec 2018 00:51

Tgt Ion:163 Resp: 59406
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 11.2 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

Instrument :

BNA_M

ClientSampled :

TP-2

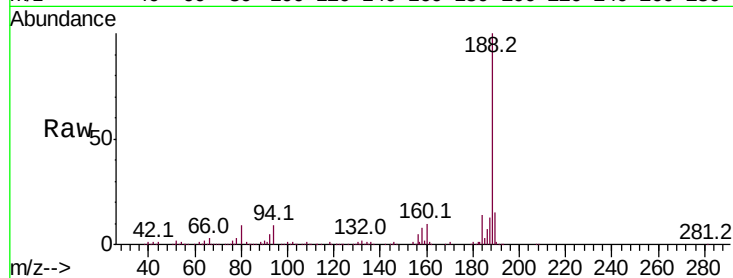
Tot Ion:188 Resp: 560266

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

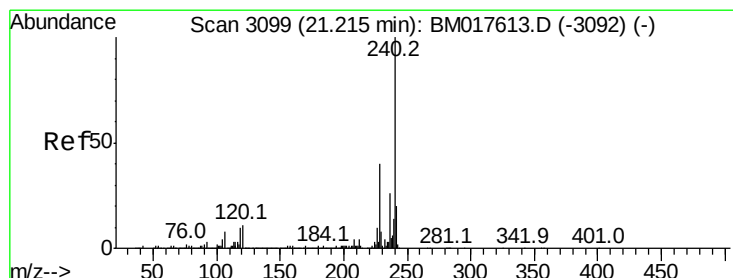
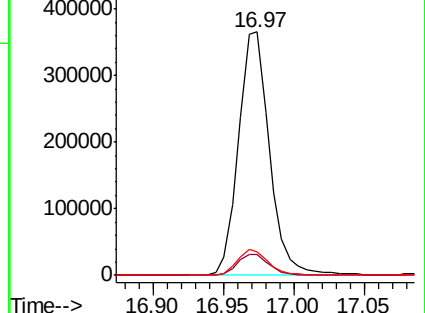
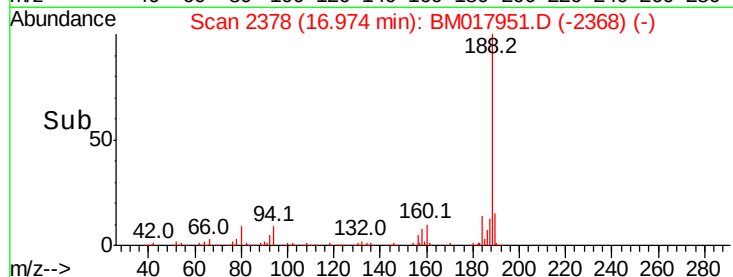
80 9.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

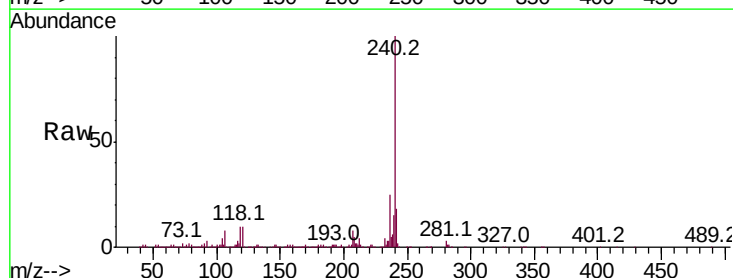
Tgt Ion:240 Resp: 603102

Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

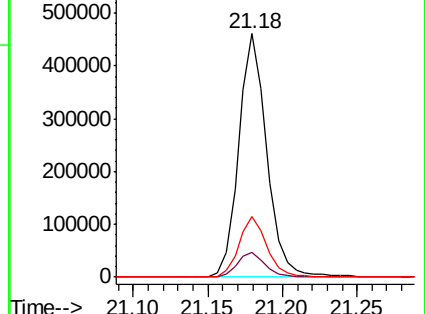
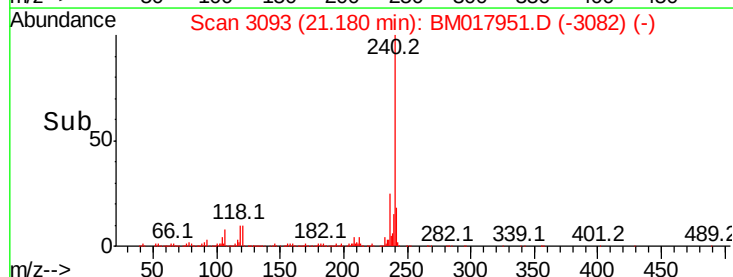
236 25.1 20.4 30.6

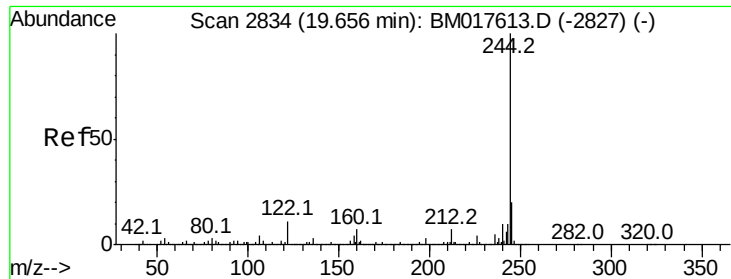


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.549 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

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TP-2

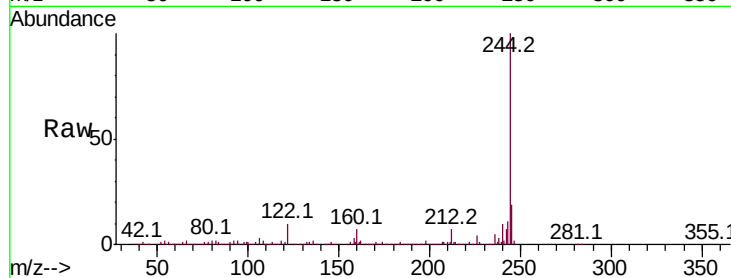
Tot Ion:244 Resp: 1877325

Ion Ratio Lower Upper

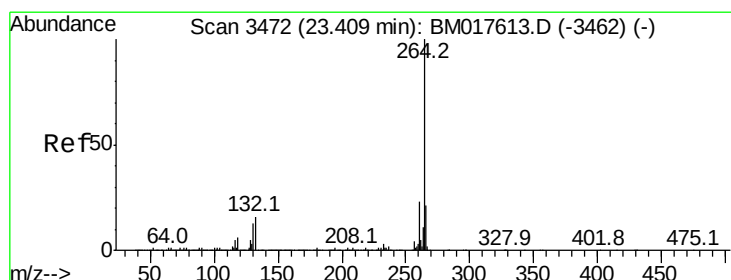
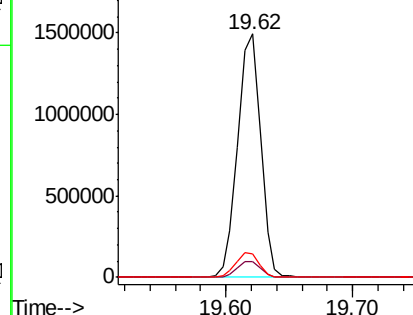
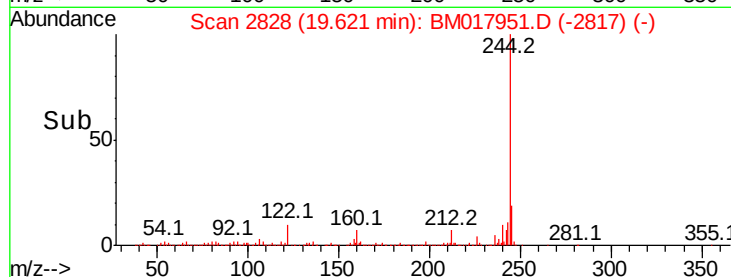
244 100

212 6.7 5.8 8.6

122 9.6 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 23.36 min Scan# 3463

Delta R.T. -0.05 min

Lab File: BM017951.D

Acq: 06 Dec 2018 00:51

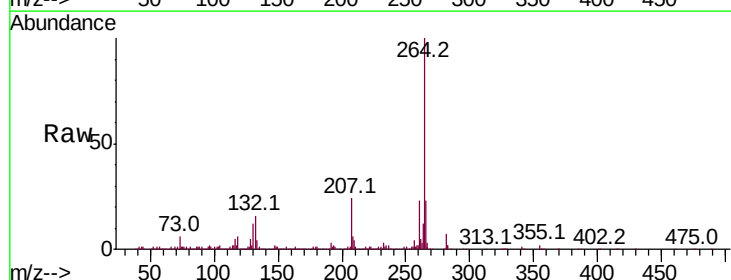
Tgt Ion:264 Resp: 645259

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 23.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
400000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

