

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018299.D
 Acq On : 19 Dec 2018 15:44
 Operator : JU/SJ
 Sample : J6446-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS023-1218-01

Quant Time: Dec 20 01:06:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

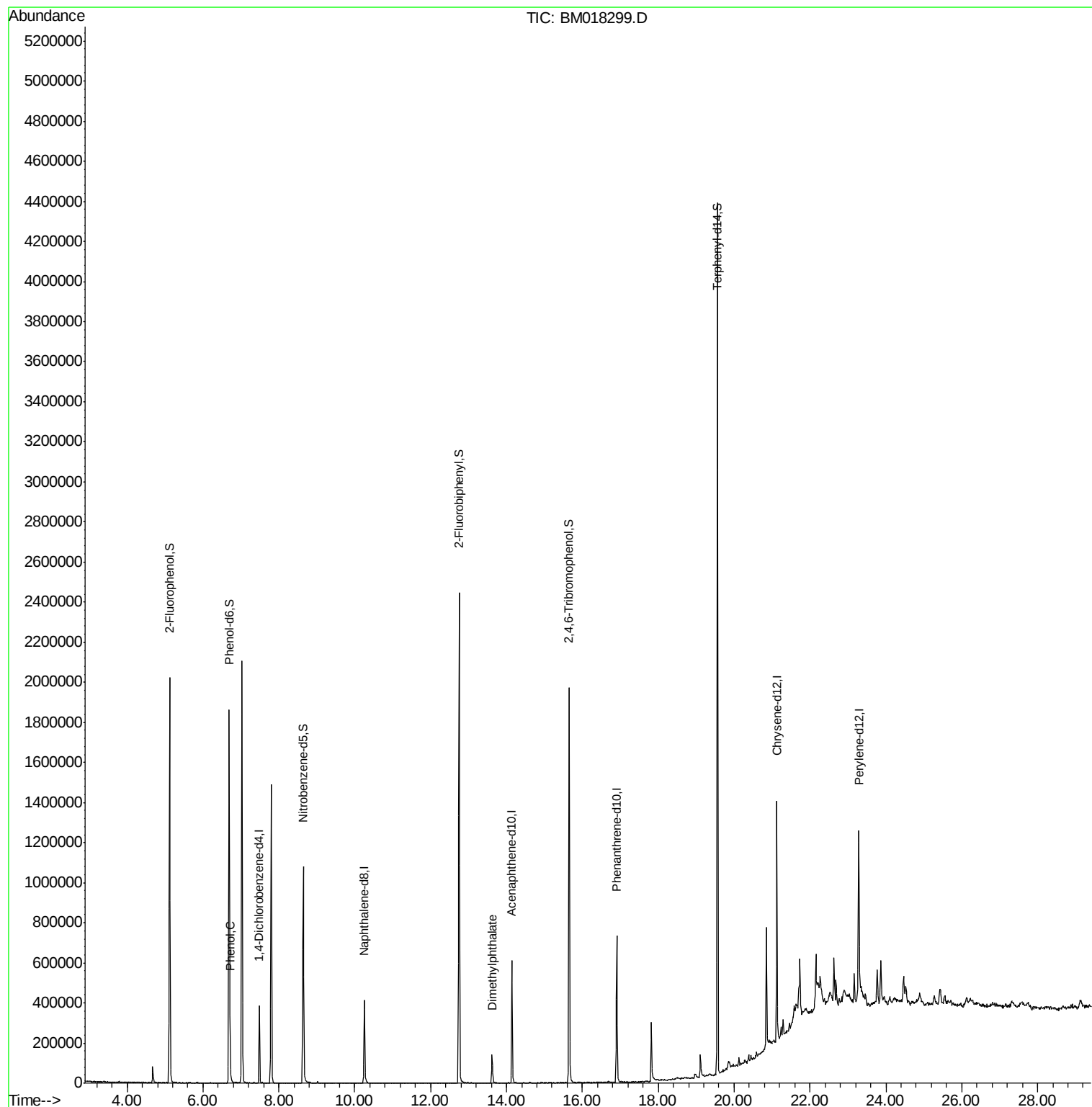
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	94142	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	351648	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	194932	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	422260	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	501495	20.00	ng	-0.02
87) Perylene-d12	23.29	264	550359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	789651	140.12	ng	0.00
7) Phenol-d6	6.69	99	1065498	136.03	ng	-0.02
23) Nitrobenzene-d5	8.65	82	666473	97.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	357395	124.92	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1227266	81.55	ng	-0.02
79) Terphenyl-d14	19.56	244	1825218	82.31	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	53664	6.469	ng	89
50) Dimethylphthalate	13.62	163	103968	6.415	ng	99

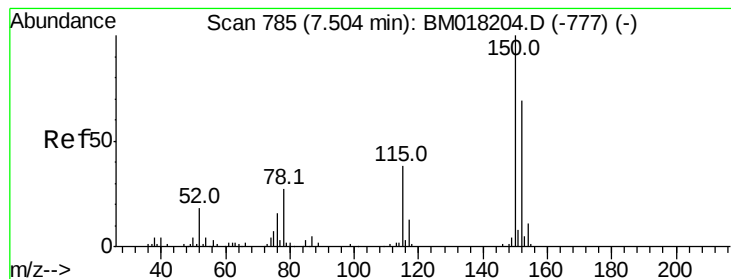
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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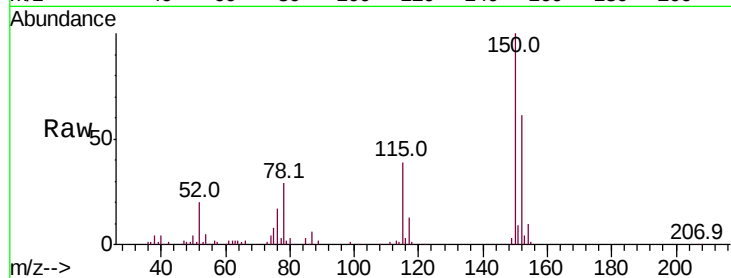


#1

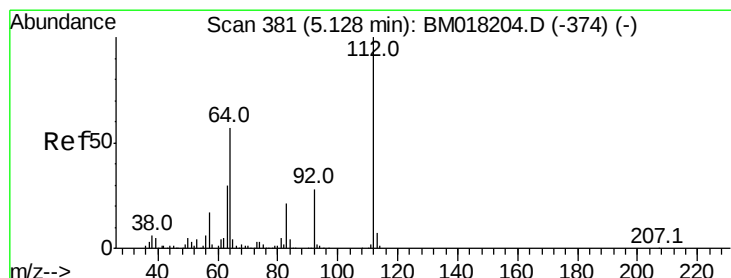
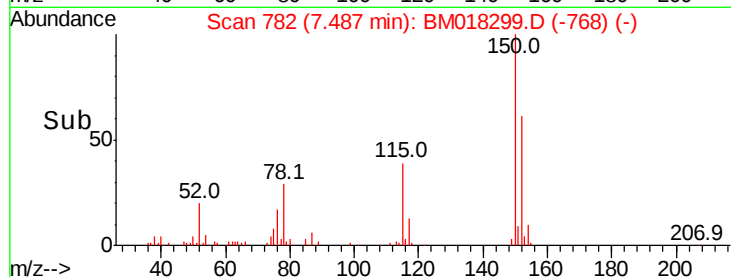
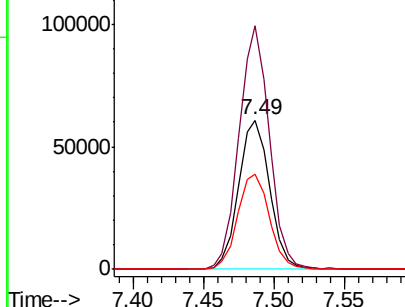
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Instrument :
BNA_M
ClientSampleId :
P001-SS023-1218-01

Tot Ion:152 Resp: 94142
Ion Ratio Lower Upper
152 100
150 163.0 116.1 174.1
115 63.9 44.6 67.0



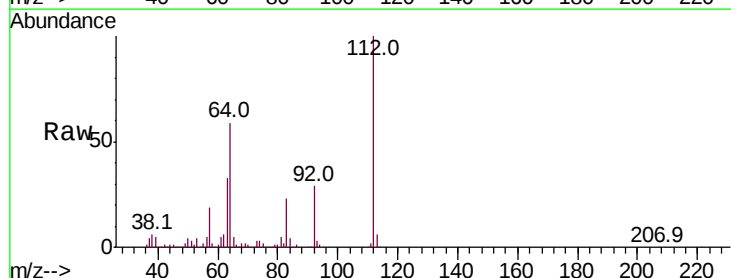
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



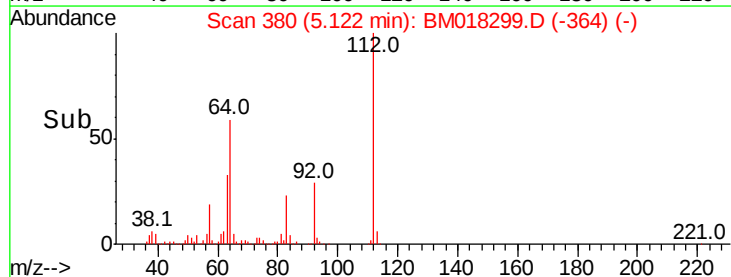
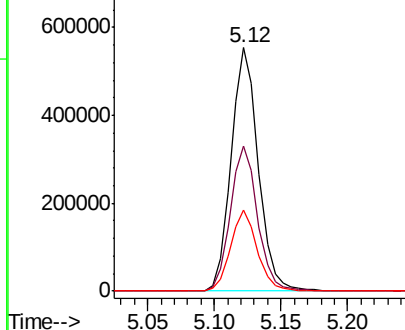
#5

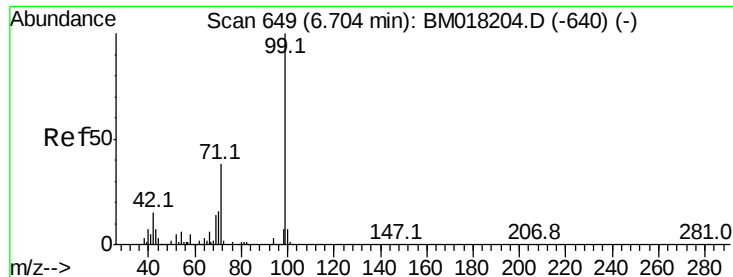
2-Fluorophenol
Concen: 140.118 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Tgt Ion:112 Resp: 789651
Ion Ratio Lower Upper
112 100
64 59.4 45.4 68.2
63 33.4 24.0 36.0



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: 136.026 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

Instrument :

BNA_M

ClientSampleId :

P001-SS023-1218-01

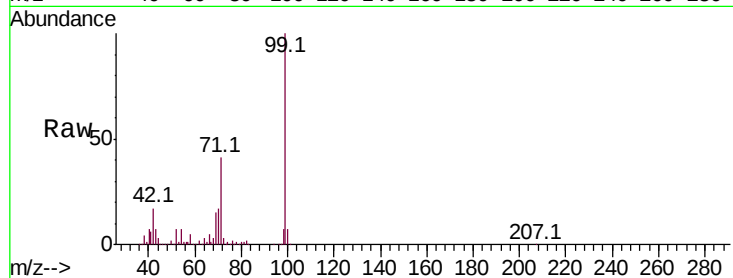
Tot Ion: 99 Resp: 1065498

Ion Ratio Lower Upper

99 100

42 16.6 12.3 18.5

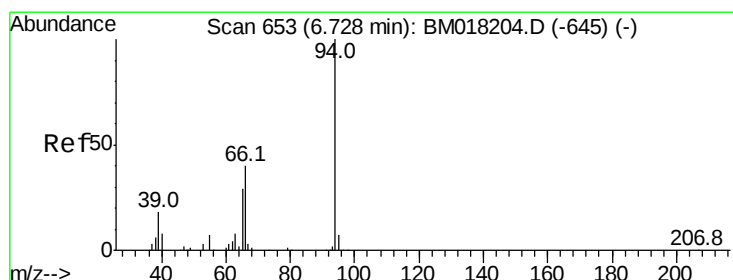
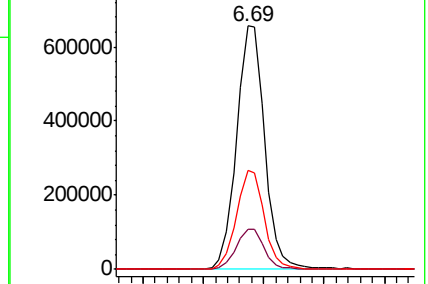
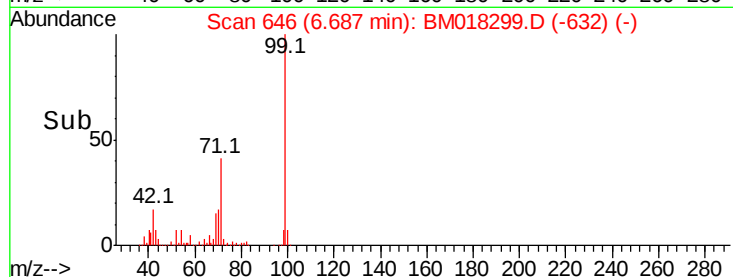
71 40.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#10

Phenol

Concen: 6.469 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

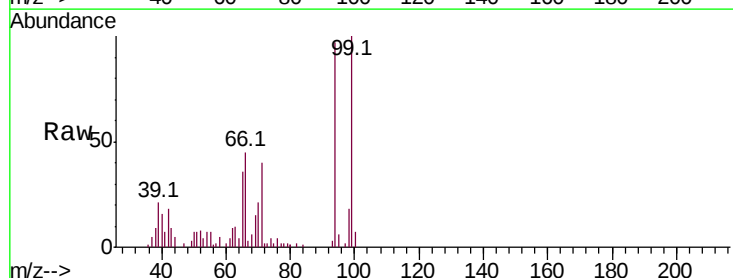
Tgt Ion: 94 Resp: 53664

Ion Ratio Lower Upper

94 100

65 36.8 9.5 49.5

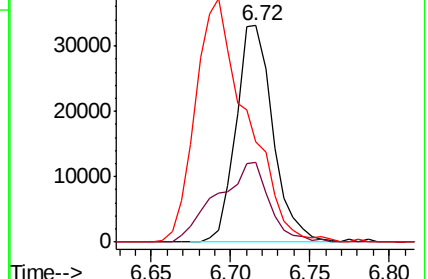
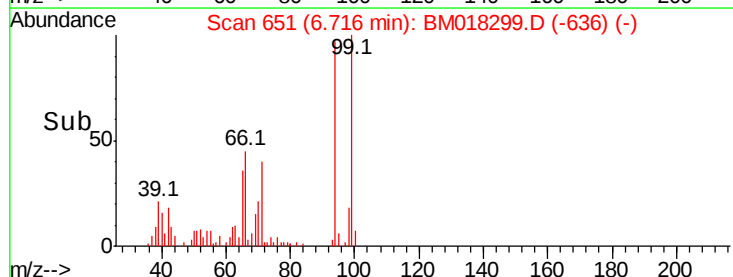
66 46.5 21.3 61.3

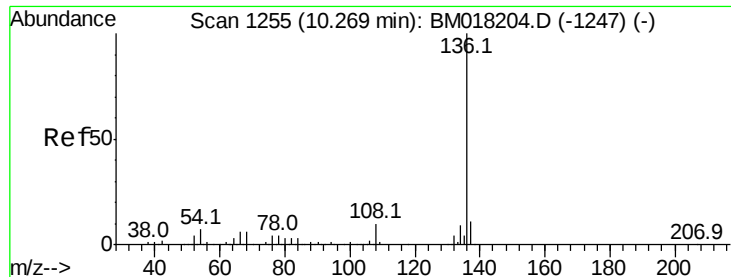


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

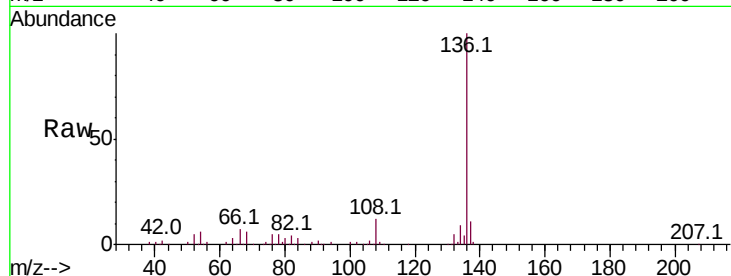




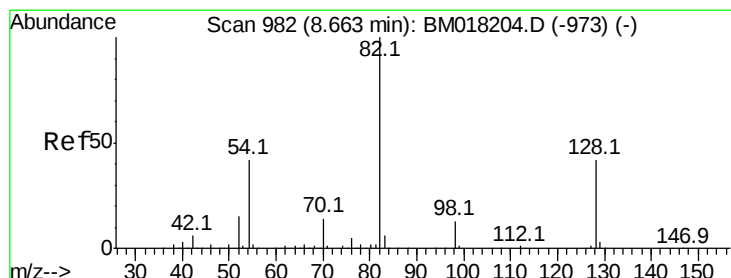
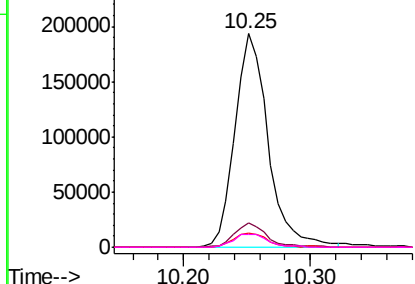
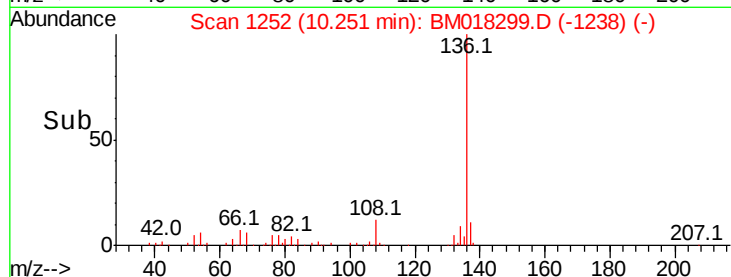
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Instrument :
BNA_M
ClientSampleId :
P001-SS023-1218-01

Tot Ion:	136	Resp:	351648
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.5	5.2	7.8
68	5.8	5.0	7.6

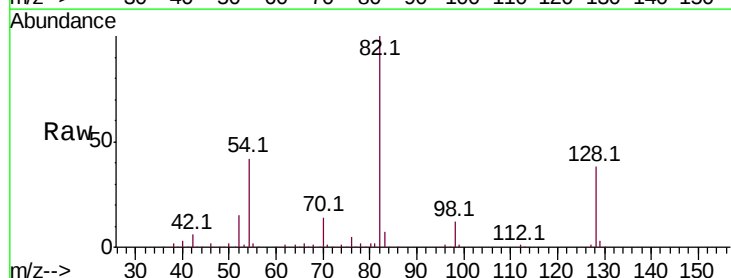


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

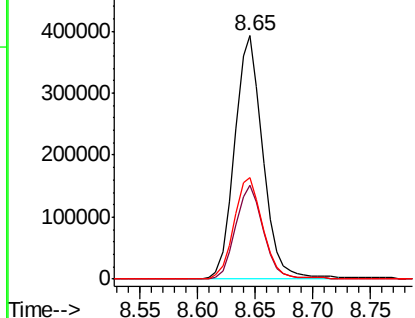
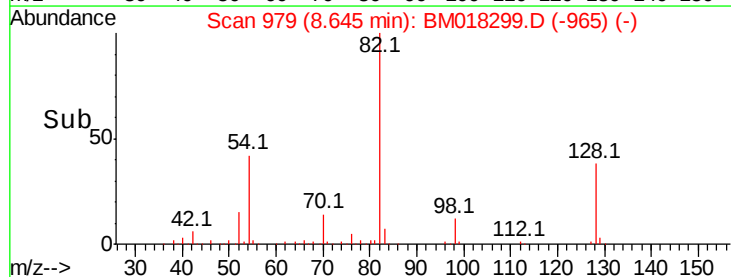


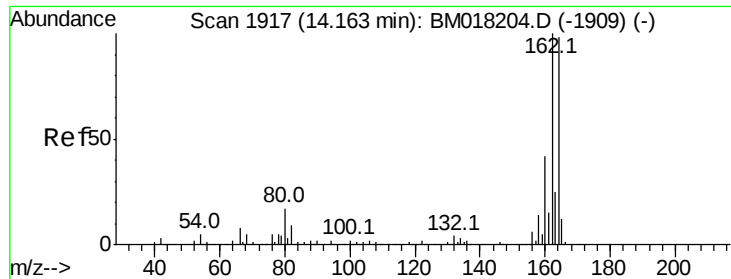
#23
Nitrobenzene-d5
Concen: 97.216 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Tgt Ion:	82	Resp:	666473
Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.4	50.2
54	41.9	33.4	50.2



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: 14.15 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

Instrument :

BNA_M

ClientSampleId :

P001-SS023-1218-01

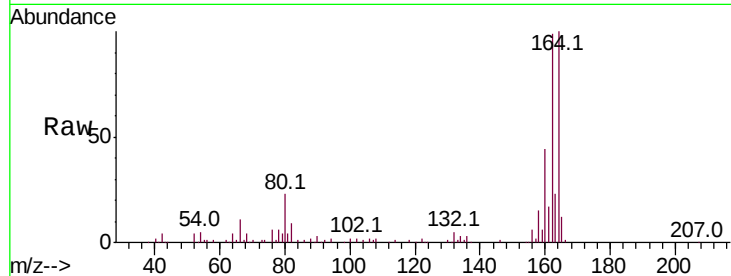
Tot Ion:164 Resp: 194932

Ion Ratio Lower Upper

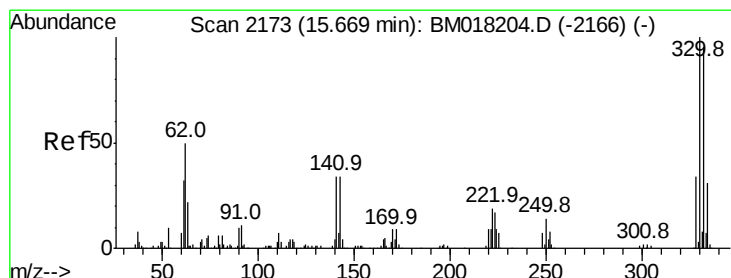
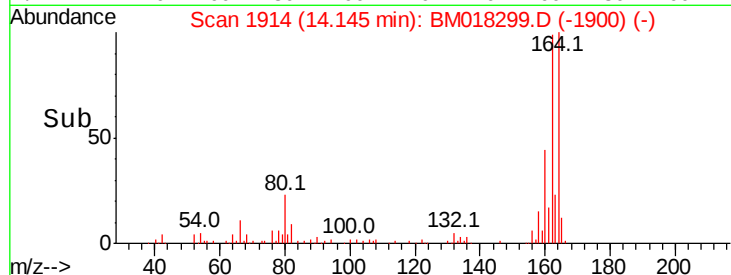
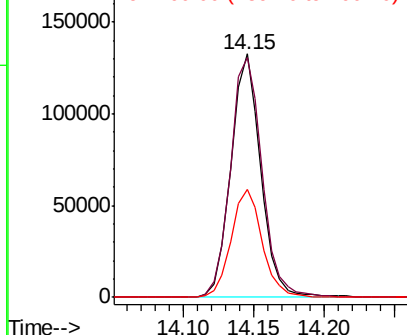
164 100

162 98.5 81.8 122.6

160 44.3 34.6 51.8



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: 124.917 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

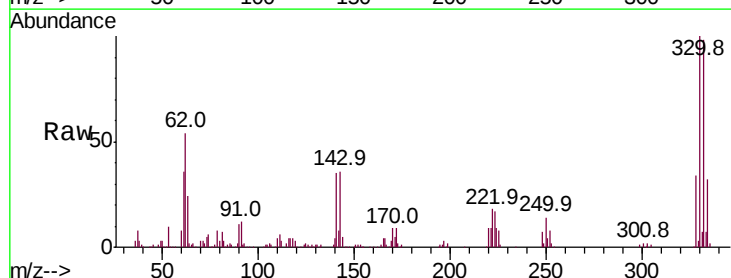
Tgt Ion:330 Resp: 357395

Ion Ratio Lower Upper

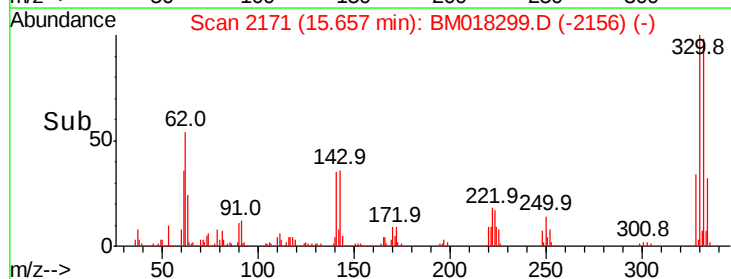
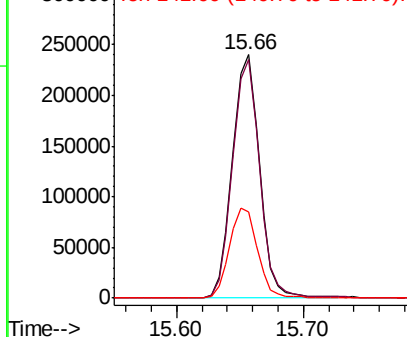
330 100

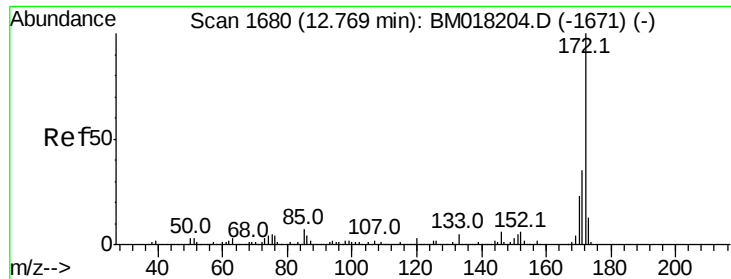
332 97.5 78.6 118.0

141 38.2 27.1 40.7



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

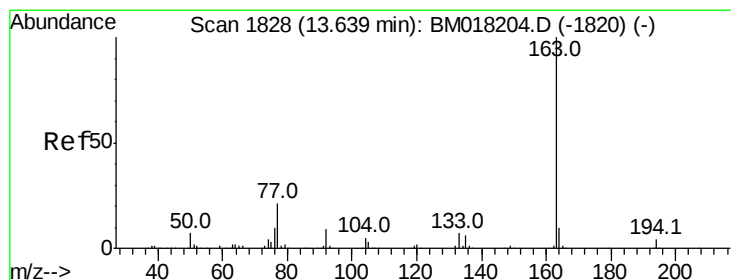
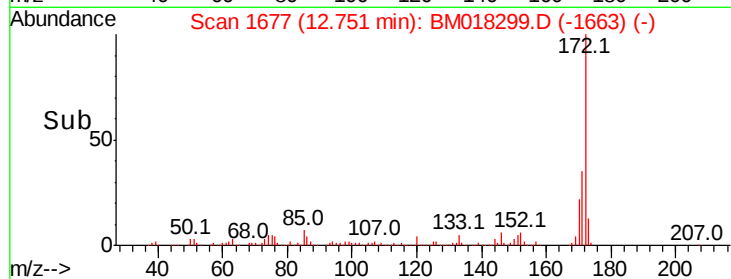
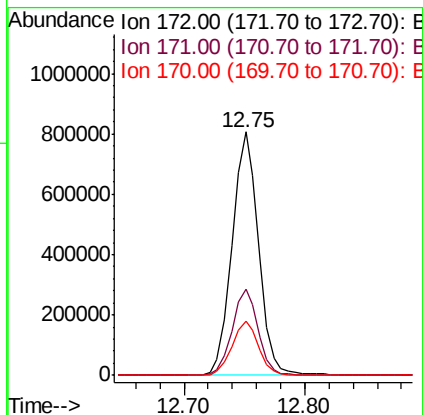
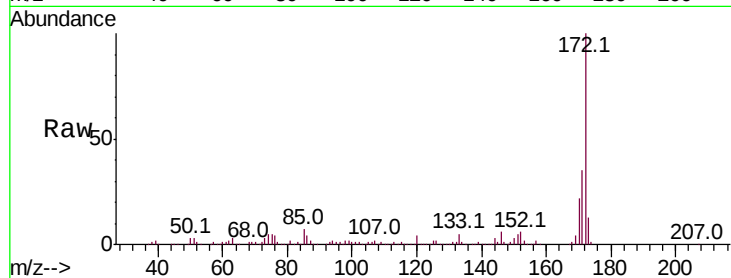




#45
2-Fluorobiphenyl
Concen: 81.546 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

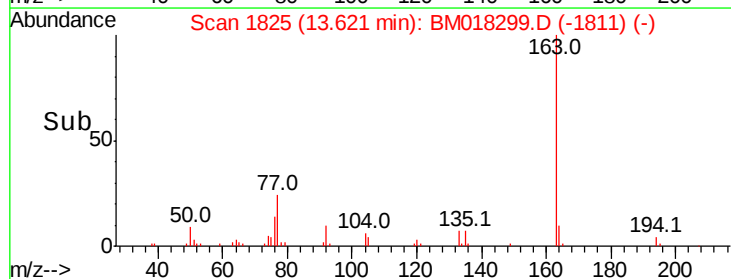
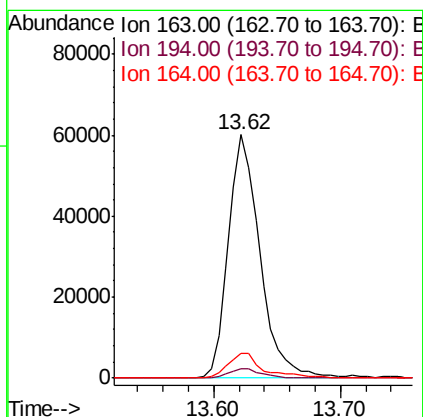
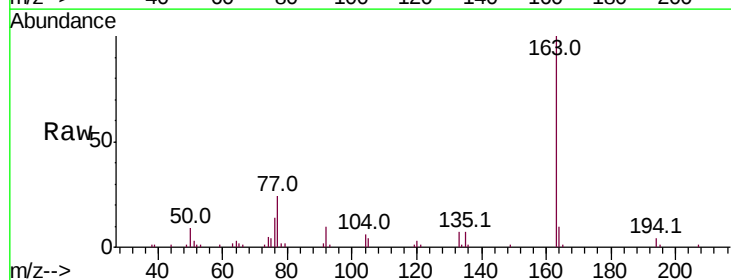
Instrument :
BNA_M
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P001-SS023-1218-01

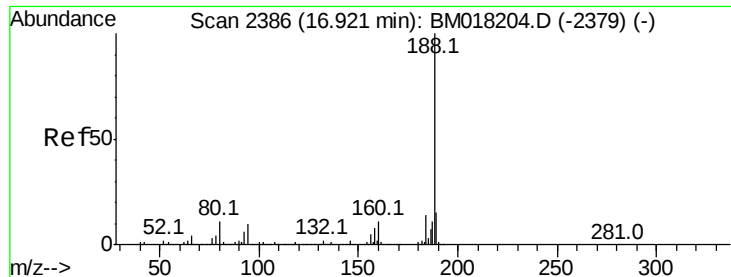
Tot Ion:172 Resp: 1227266
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.1 18.1 27.1



#50
Dimethylphthalate
Concen: 6.415 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Tgt Ion:163 Resp: 103968
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 7.9 11.9

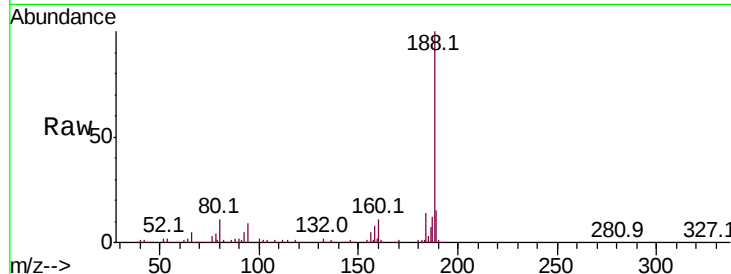




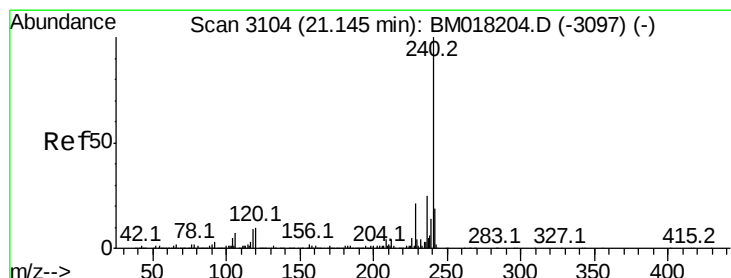
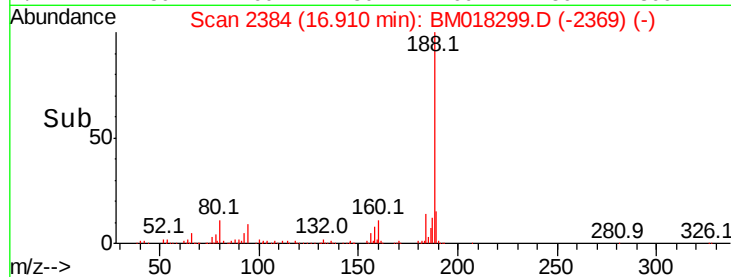
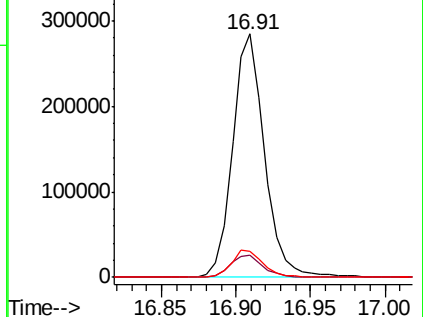
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Instrument :
BNA_M
ClientSampleId :
P001-SS023-1218-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.7	9.0	13.6

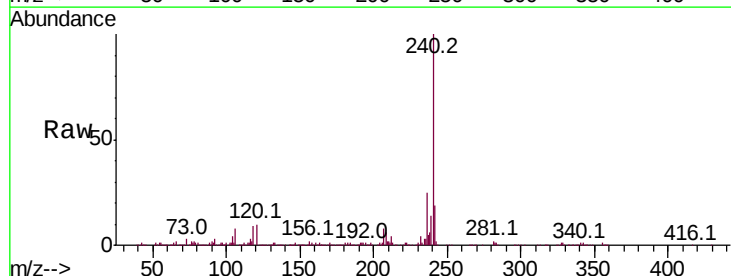


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

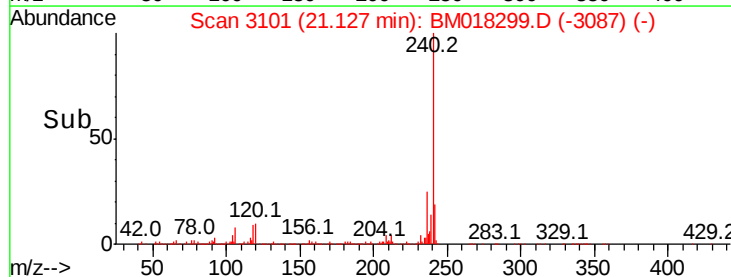
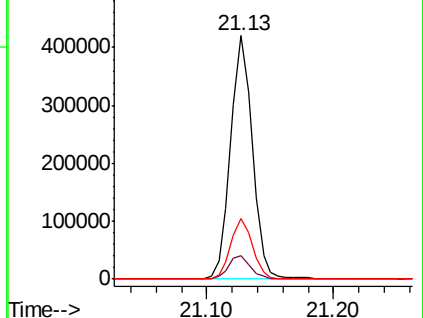


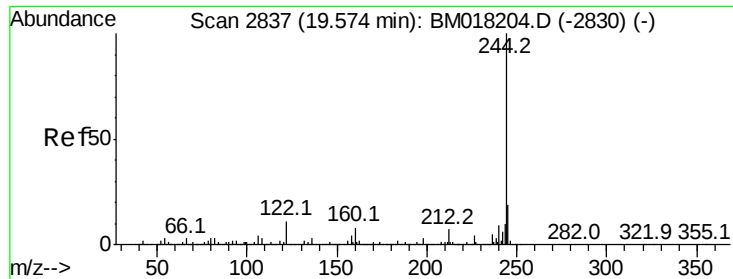
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018299.D
Acq: 19 Dec 2018 15:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	24.8	20.3	30.5



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: 82.314 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

Instrument :

BNA_M

ClientSampleId :

P001-SS023-1218-01

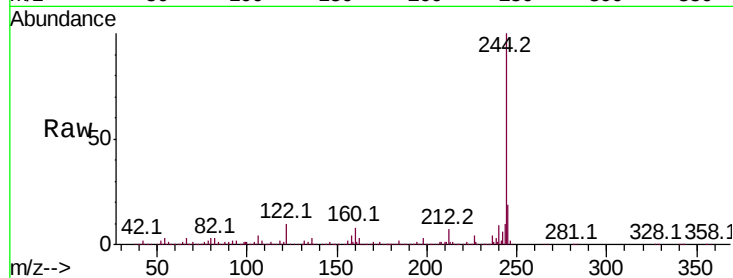
Tot Ion:244 Resp: 1825218

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

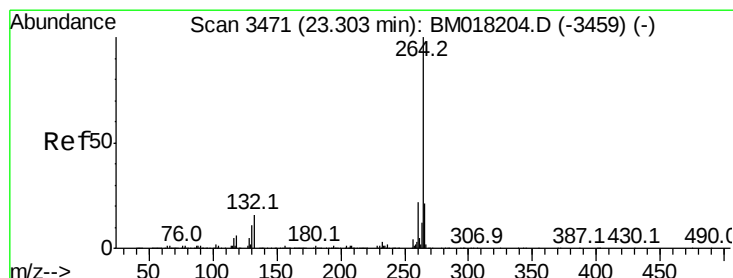
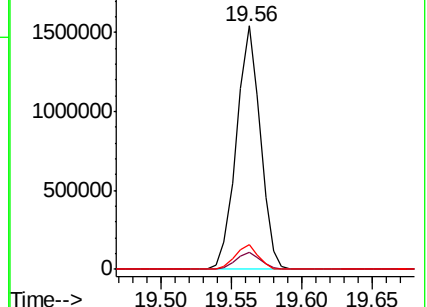
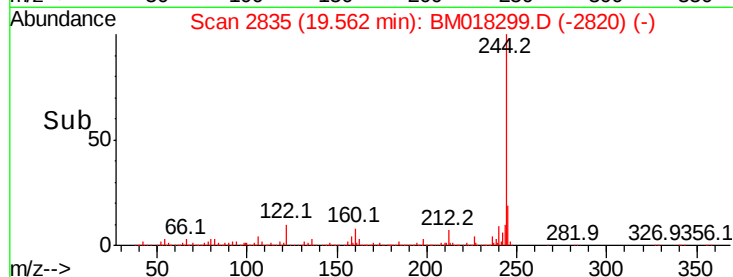
122 10.0 9.0 13.6



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: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018299.D

Acq: 19 Dec 2018 15:44

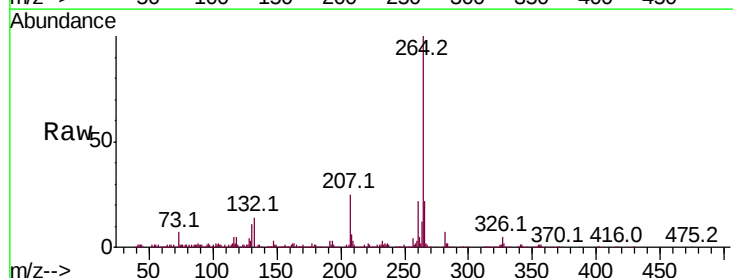
Tgt Ion:264 Resp: 550359

Ion Ratio Lower Upper

264 100

260 22.5 17.5 26.3

265 22.0 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

