

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105338.D
 Acq On : 12 May 2018 15:36
 Operator : JU/SJ
 Sample : J2870-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Quant Time: May 14 09:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

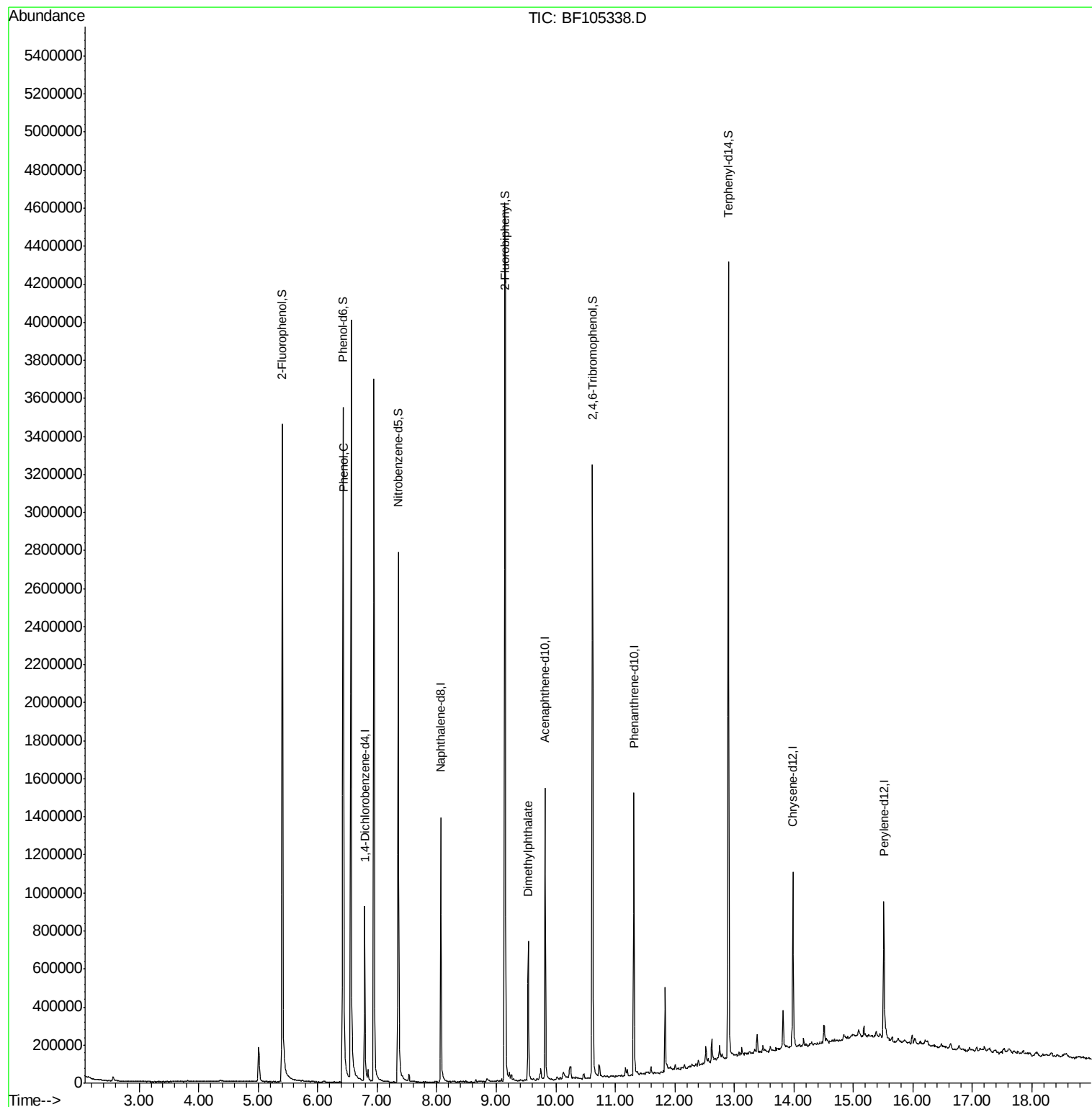
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148925	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	640105	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	290656	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	537344	20.00	ng	0.00
75) Chrysene-d12	13.99	240	339819	20.00	ng	-0.03
86) Perylene-d12	15.51	264	373165	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1288406	130.12	ng	0.01
7) Phenol-d6	6.43	99	1596258	135.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	1024479	93.15	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	482695	128.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1683475	83.48	ng	0.00
78) Terphenyl-d14	12.90	244	1584465	100.23	ng	0.00
Target Compounds						
10) Phenol	6.44	94	27232	2.029	ng	Qvalue # 56
49) Dimethylphthalate	9.54	163	278681	12.489	ng	99

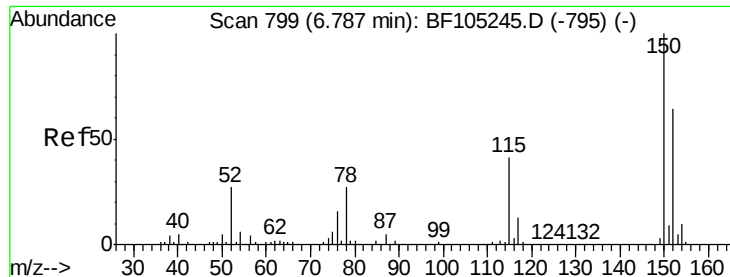
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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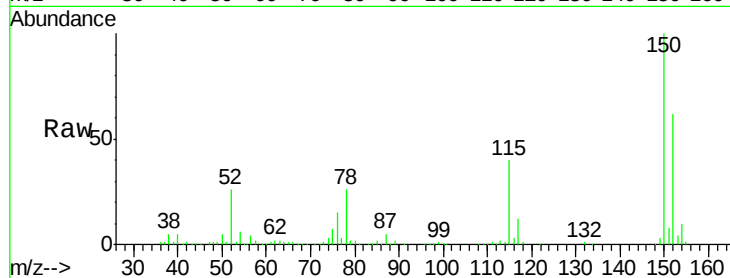


#1

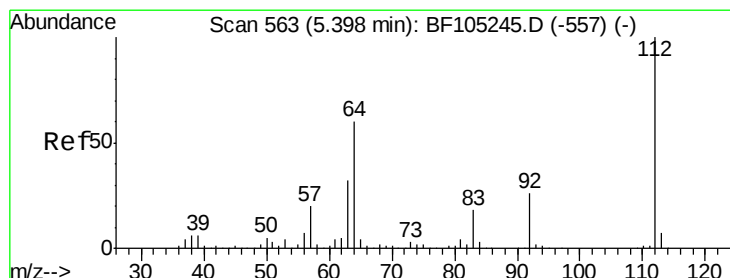
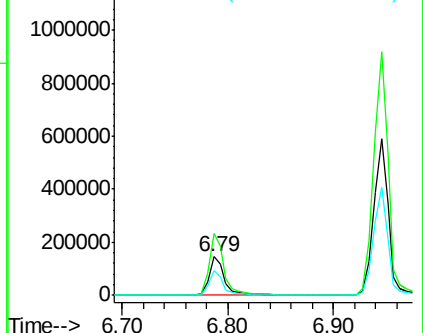
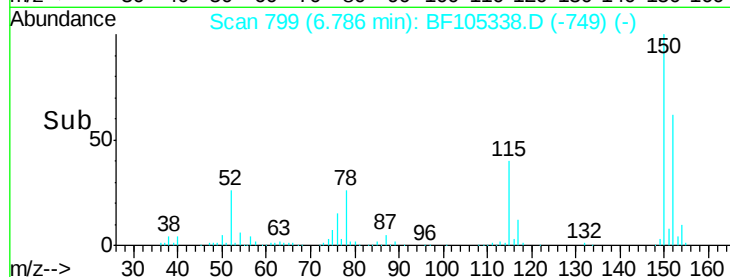
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Instrument :
BNA_F
ClientSampleId :
SP-A

Tot Ion:152 Resp: 148925
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 65.6 50.1 75.1



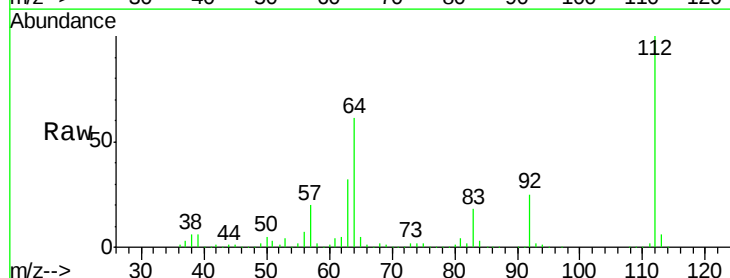
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



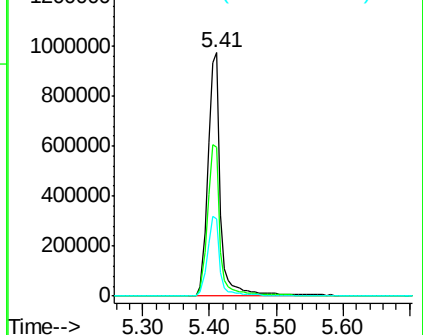
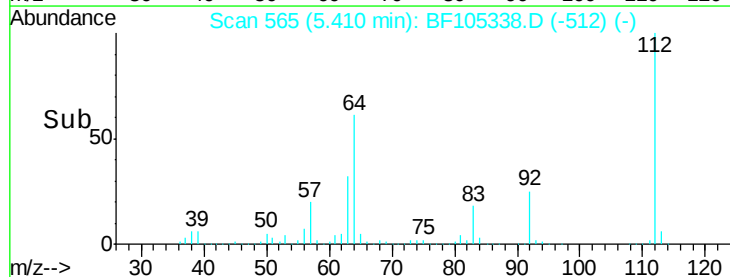
#5

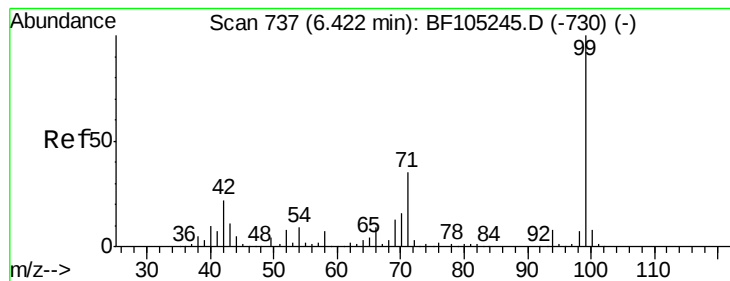
2-Fluorophenol
Concen: 130.118 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Tgt Ion:112 Resp: 1288406
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 135.668 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105338.D

Acq: 12 May 2018 15:36

Instrument :

BNA_F

ClientSampleId :

SP-A

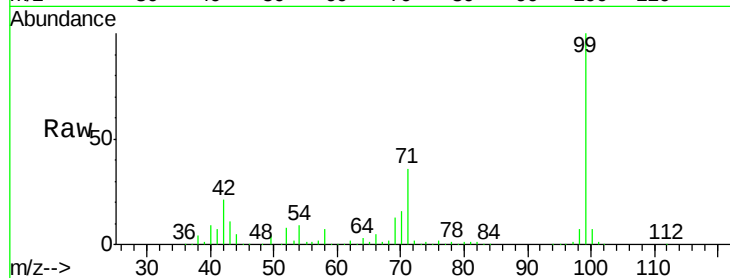
Tot Ion: 99 Resp: 1596258

Ion Ratio Lower Upper

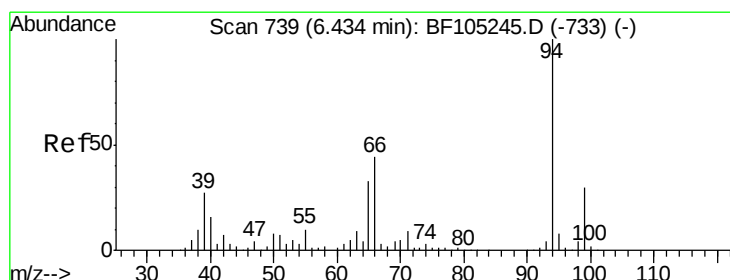
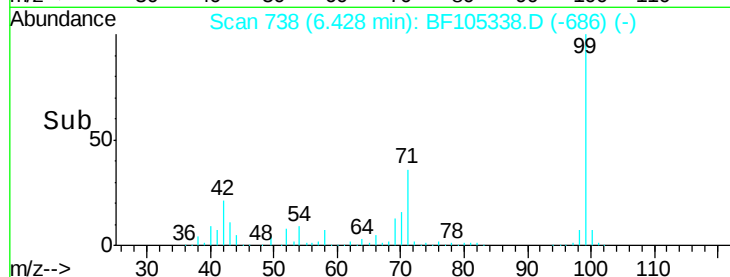
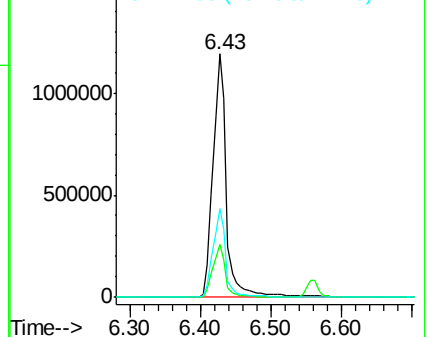
99 100

42 21.5 14.5 21.7

71 36.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.029 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105338.D

Acq: 12 May 2018 15:36

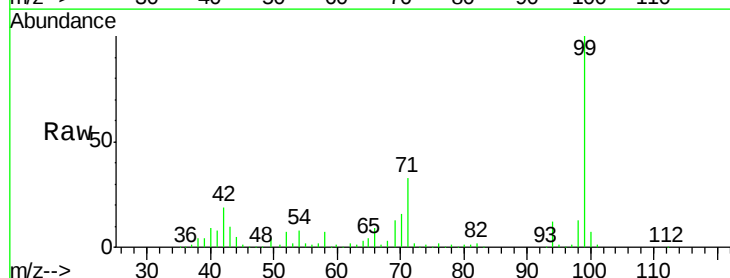
Tgt Ion: 94 Resp: 27232

Ion Ratio Lower Upper

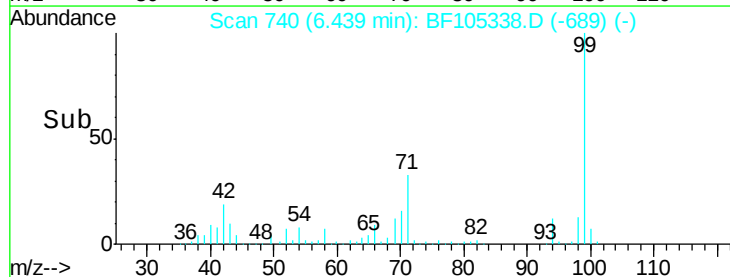
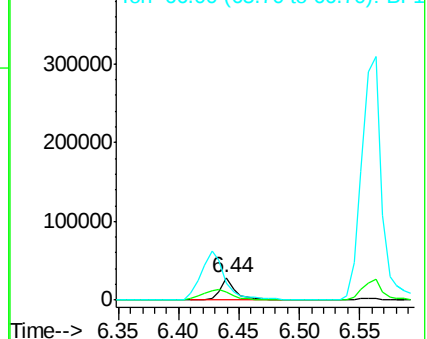
94 100

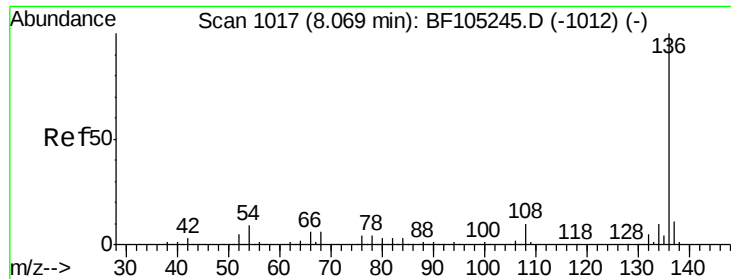
65 35.8 7.9 47.9

66 75.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

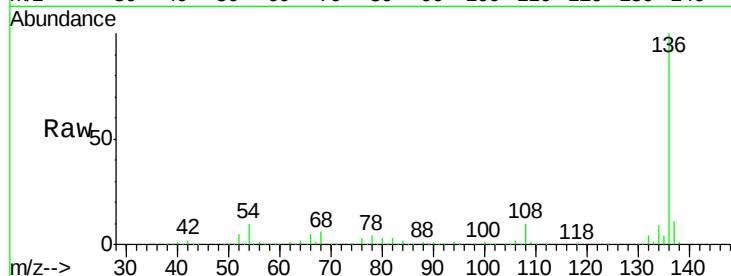




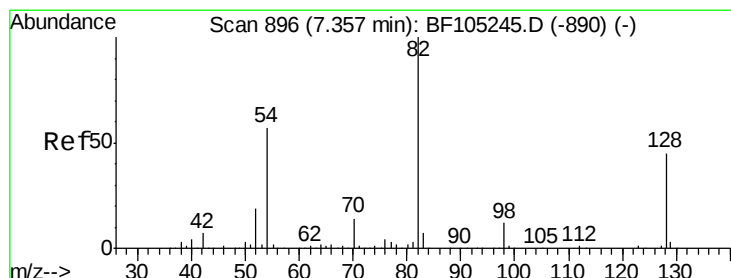
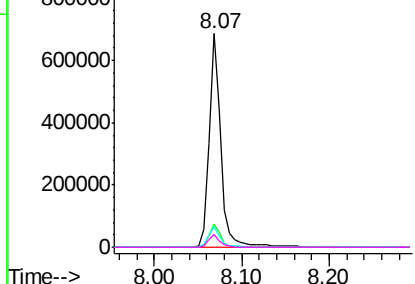
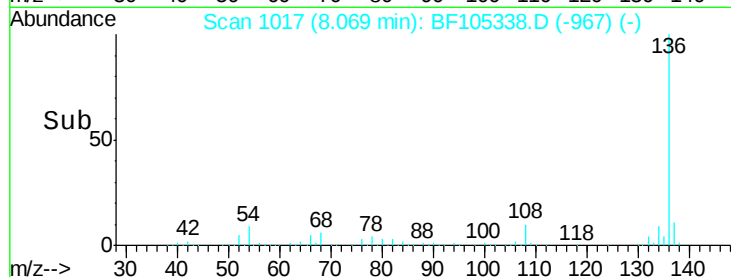
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion:	136	Resp:	640105
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	6.1	5.0	7.4

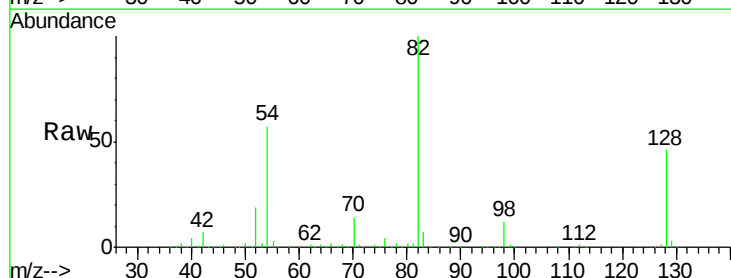


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

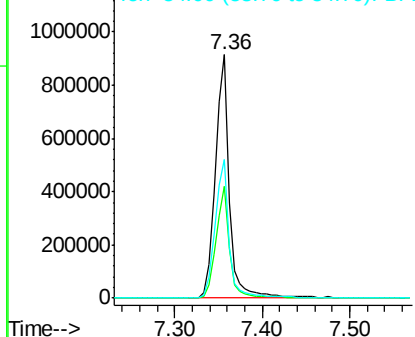
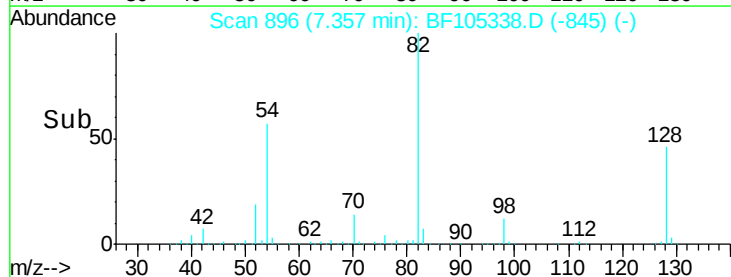


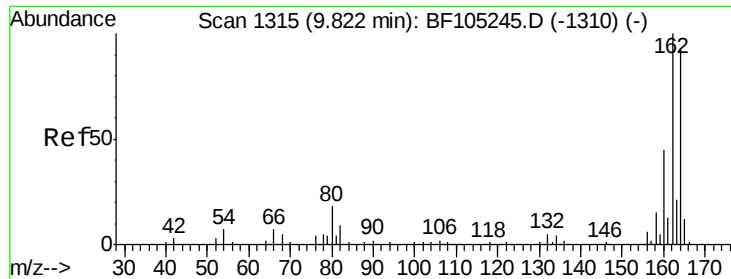
#23
Nitrobenzene-d5
Concen: 93.151 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Tgt Ion:	82	Resp:	1024479
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	57.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

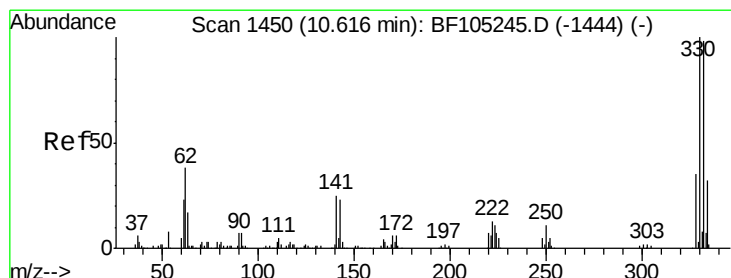
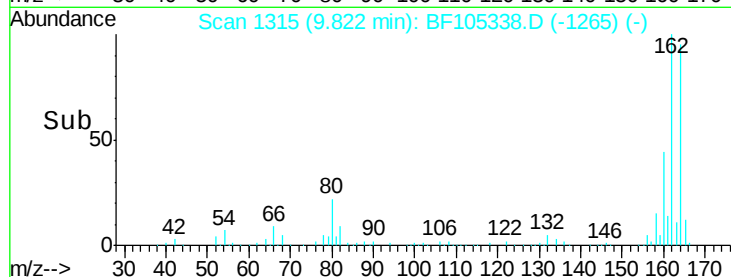
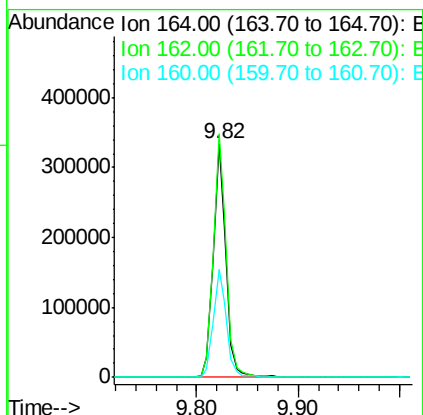
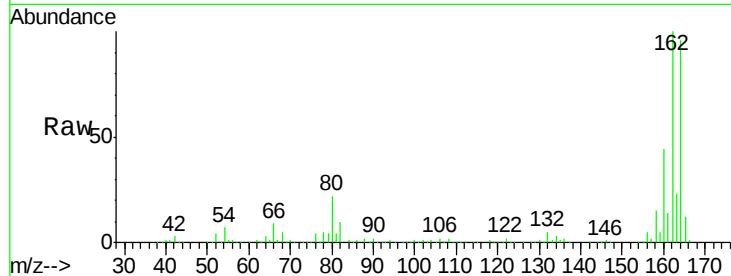




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

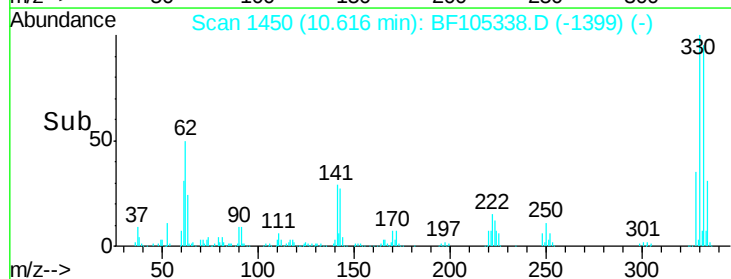
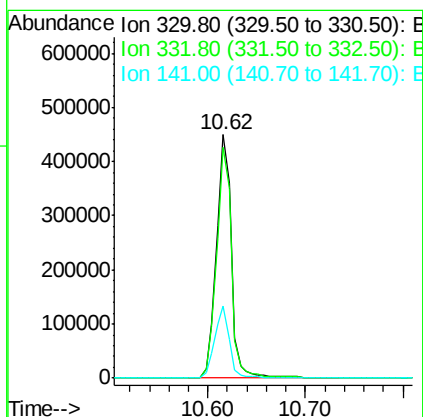
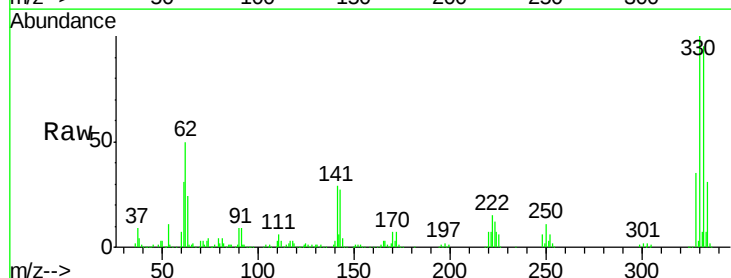
Instrument :
BNA_F
ClientSampleId :
SP-A

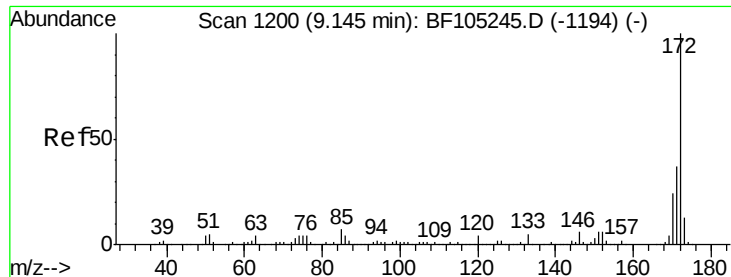
Tot Ion:164 Resp: 290656
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 128.541 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Tgt Ion:330 Resp: 482695
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 29.2 29.9 44.9#



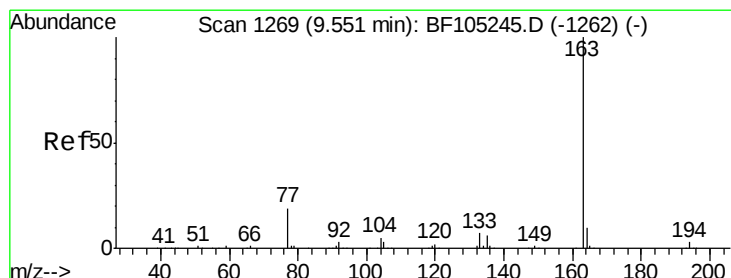
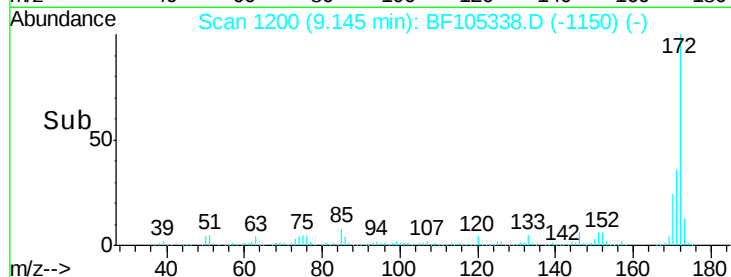
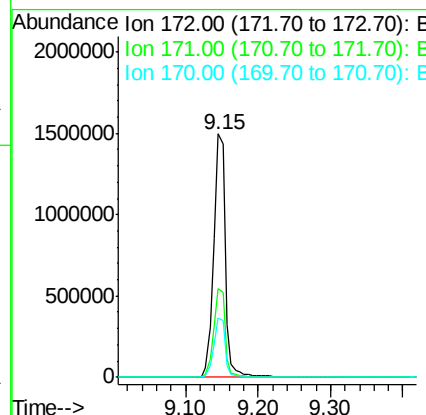
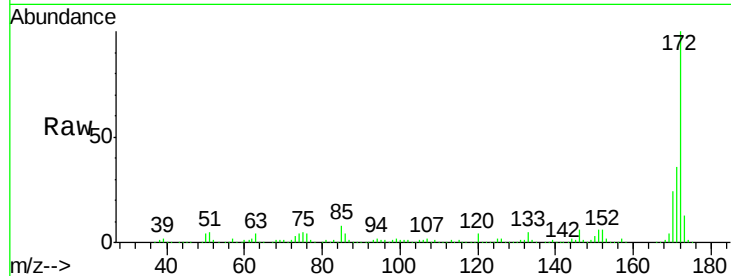


#44
 2-Fluorobiphenyl
 Concen: 83.479 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105338.D
 Acq: 12 May 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Tot Ion:172 Resp: 1683475

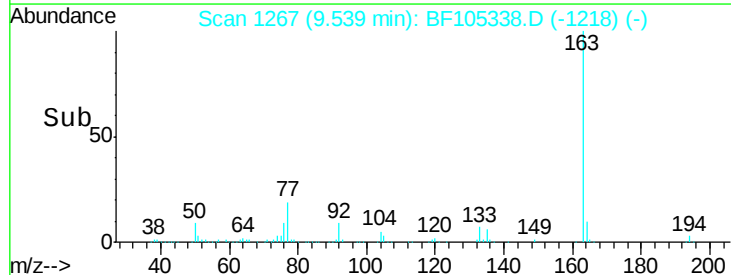
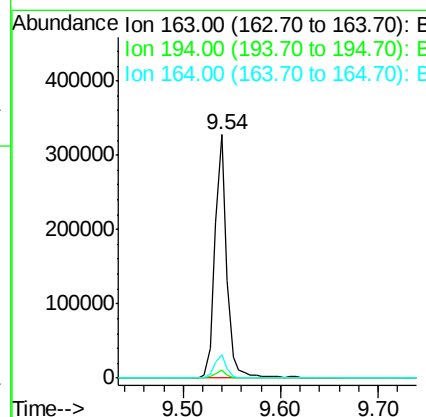
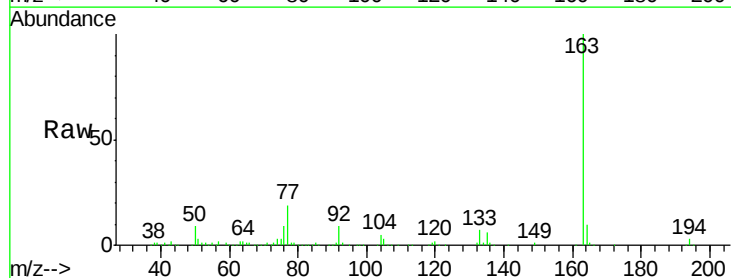
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

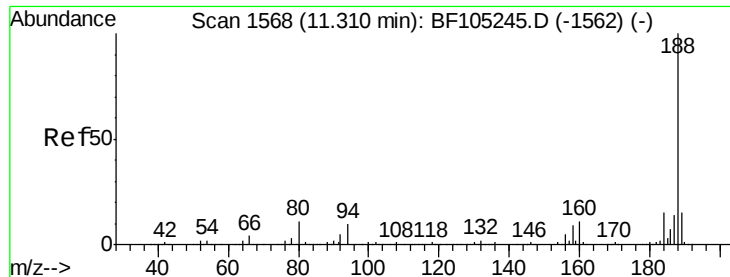


#49
 Dimethylphthalate
 Concen: 12.489 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF105338.D
 Acq: 12 May 2018 15:36

Tgt Ion:163 Resp: 278681

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2

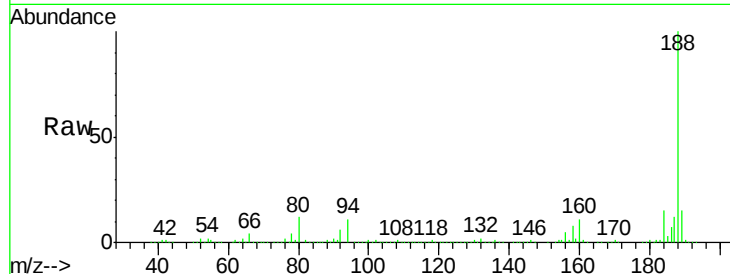




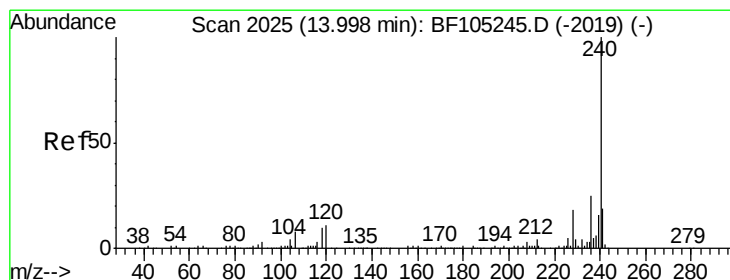
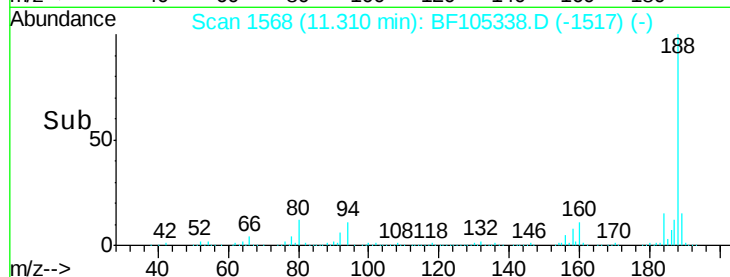
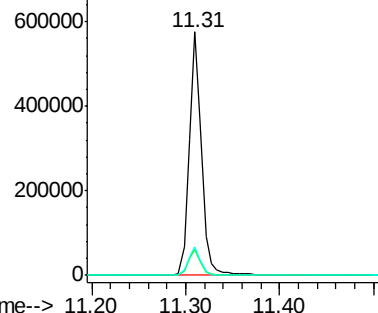
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Instrument :
BNA_F
ClientSampleId :
SP-A

Tot Ion:188 Resp: 537344
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8

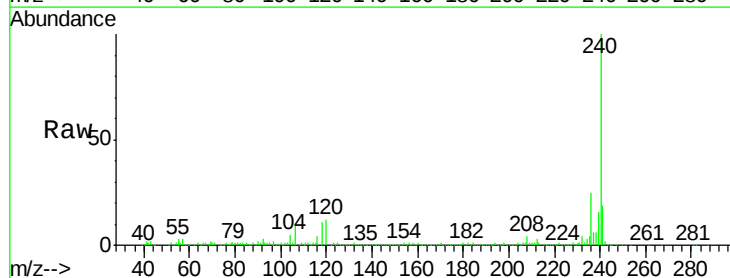


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

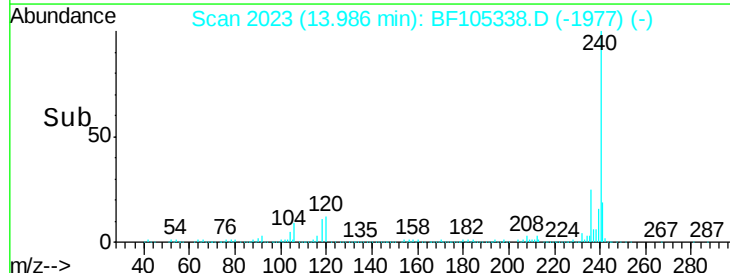
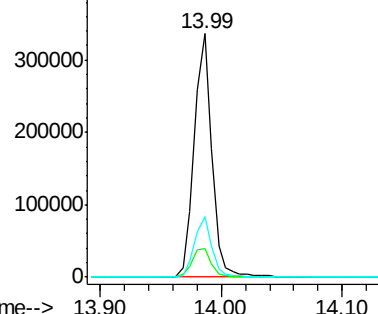


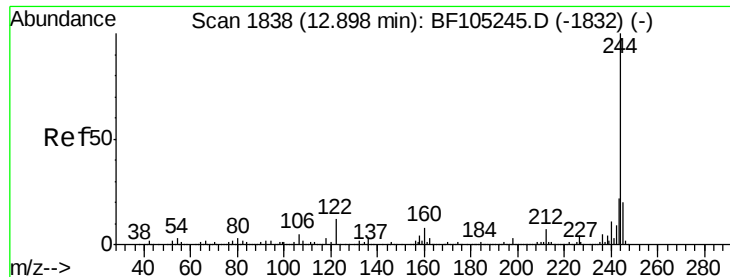
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.03 min
Lab File: BF105338.D
Acq: 12 May 2018 15:36

Tgt Ion:240 Resp: 339819
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.1 20.7 31.1



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





#78

Terphenyl-d14

Concen: 100.232 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105338.D

Acq: 12 May 2018 15:36

Instrument :

BNA_F

ClientSampleId :

SP-A

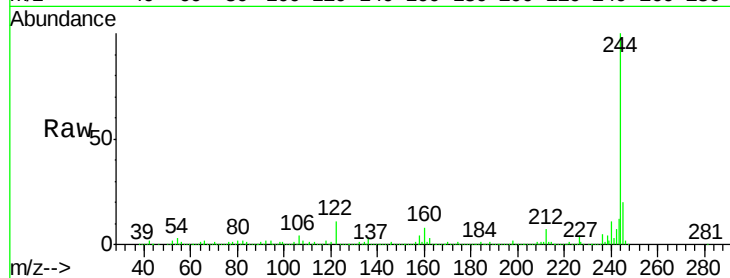
Tot Ion:244 Resp: 1584465

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.4 11.0 16.4

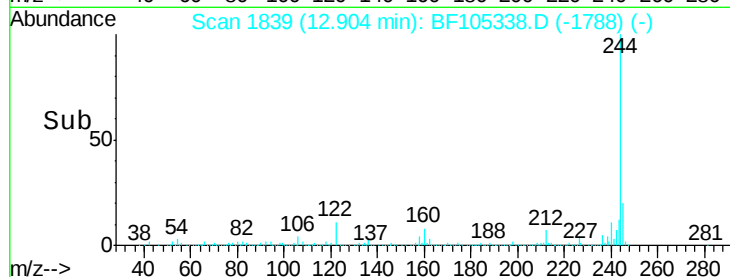


Abundance Ion 244.00 (243.70 to 244.70): E

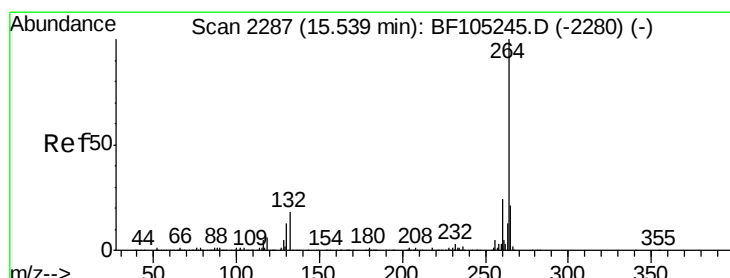
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.06 min

Lab File: BF105338.D

Acq: 12 May 2018 15:36

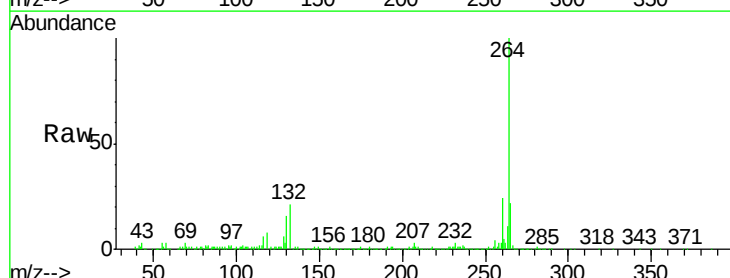
Tgt Ion:264 Resp: 373165

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.5 26.3

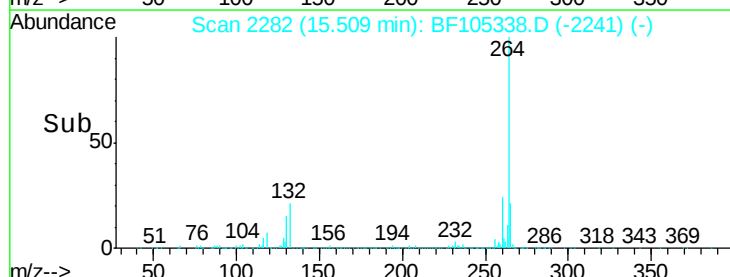


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->