

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102136.D
 Acq On : 17 Jan 2018 3:16
 Operator : SJ/JU
 Sample : J1114-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-2.0-2.5

Quant Time: Jan 17 04:32:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

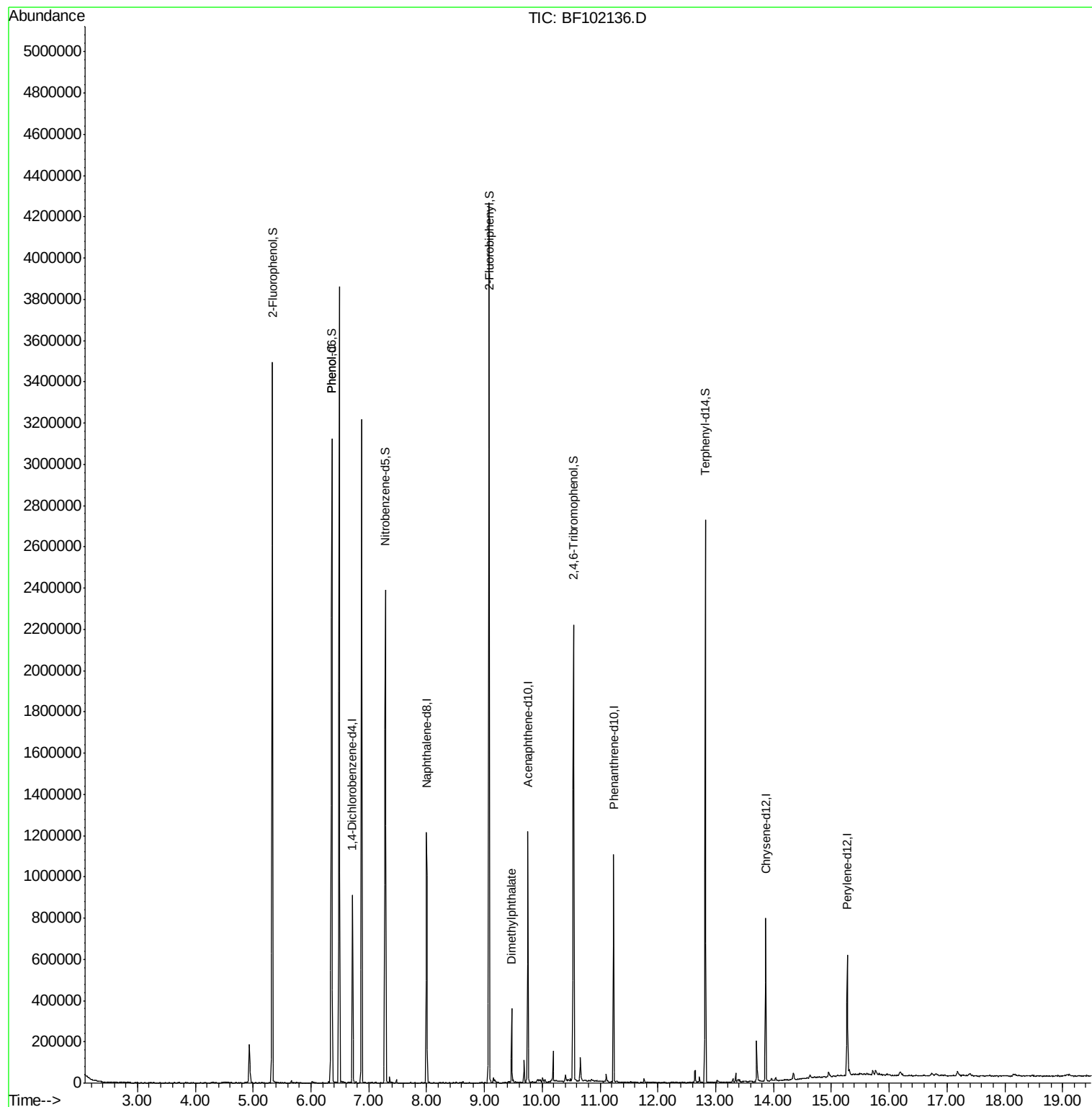
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137044	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	536999	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	221814	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	341561	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	241254	20.00	ng	-0.02
86) Perylene-d12	15.27	264	249807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1096313	112.96	ng	0.00
7) Phenol-d6	6.36	99	1291824	111.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	806701	88.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	250108	129.21	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1313867	92.54	ng	-0.01
78) Terphenyl-d14	12.82	244	878242	75.58	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	35556	2.717	ng	87
49) Dimethylphthalate	9.47	163	127728	7.178	ng	99

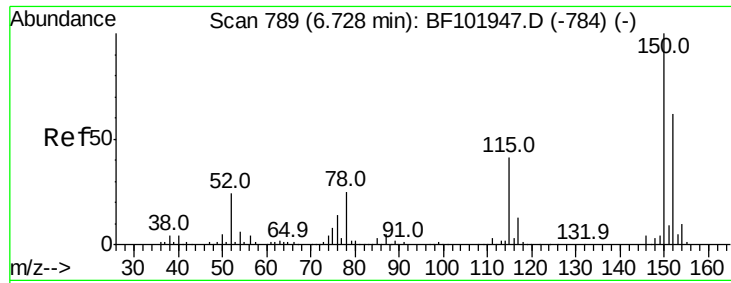
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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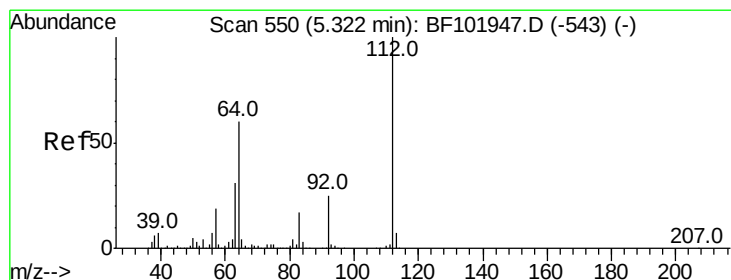
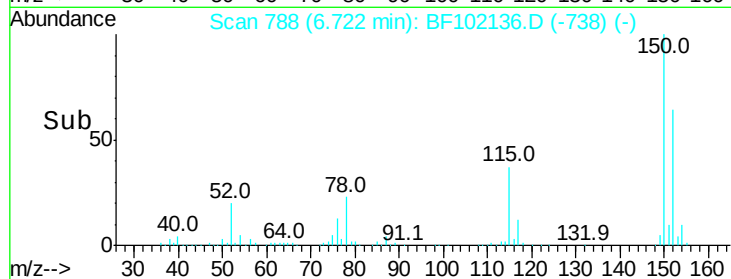
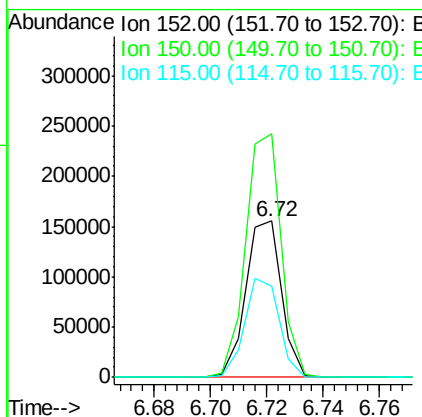
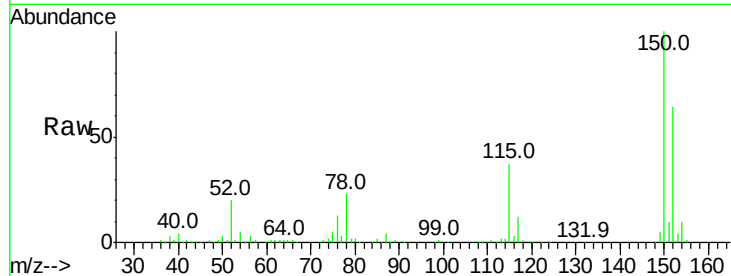


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102136.D
 Acq: 17 Jan 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-2.0-2.5

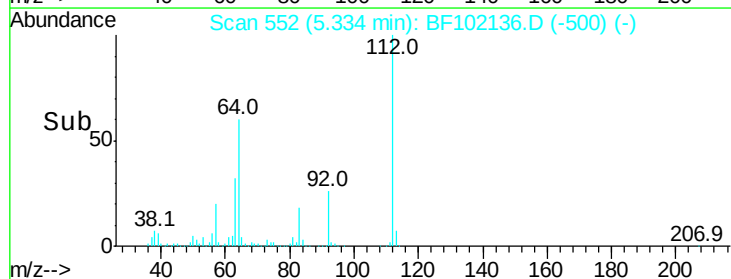
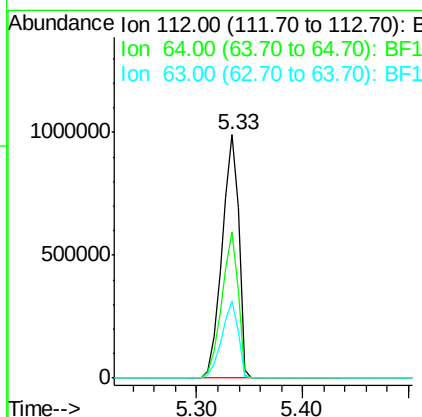
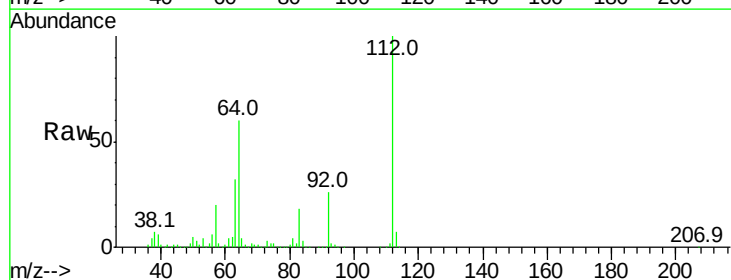
Tot Ion:152 Resp: 137044
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.2 50.1 75.1

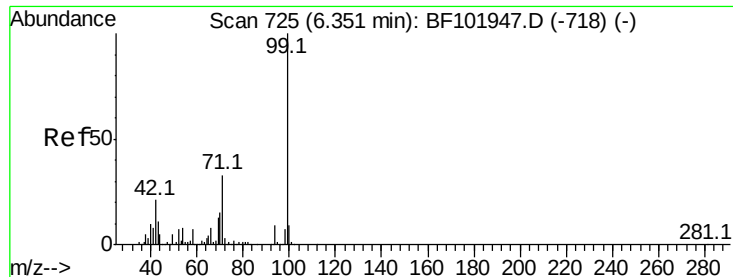


#5

2-Fluorophenol
 Concen: 112.963 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102136.D
 Acq: 17 Jan 2018 3:16

Tgt Ion:112 Resp: 1096313
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 111.564 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

SB-26-2.0-2.5

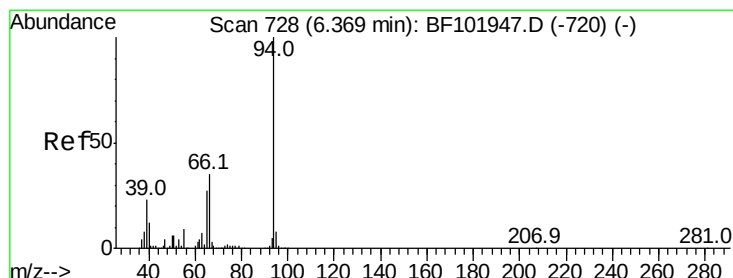
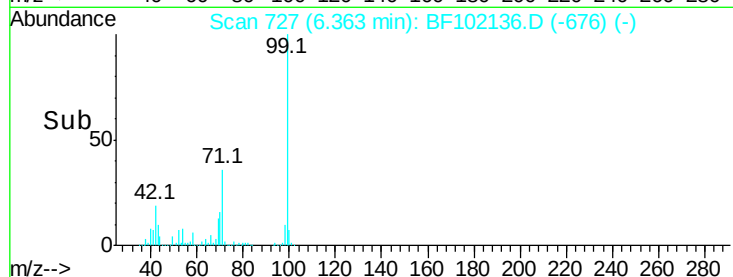
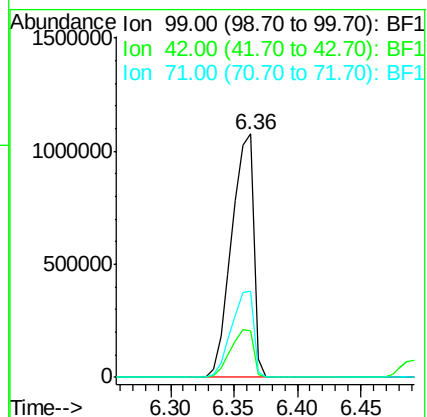
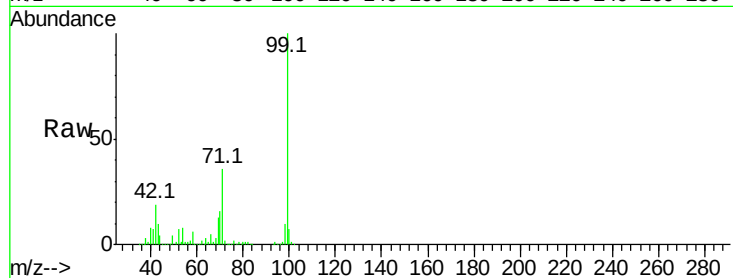
Tot Ion: 99 Resp: 1291824

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 35.6 25.4 38.0



#10

Phenol

Concen: 2.717 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

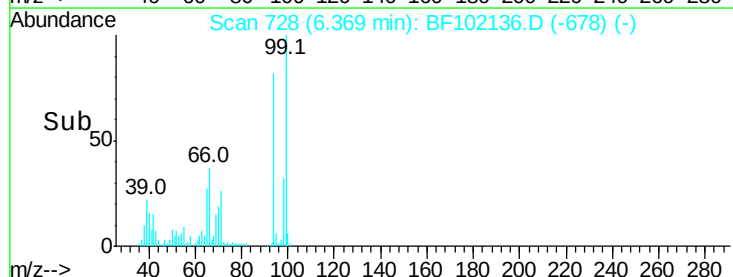
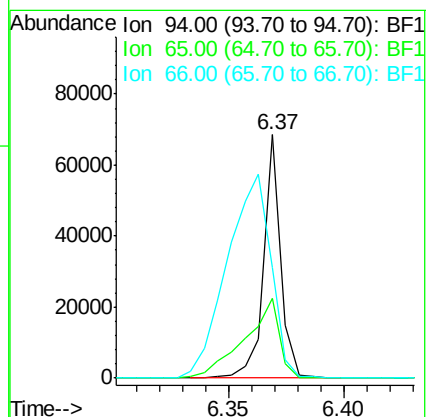
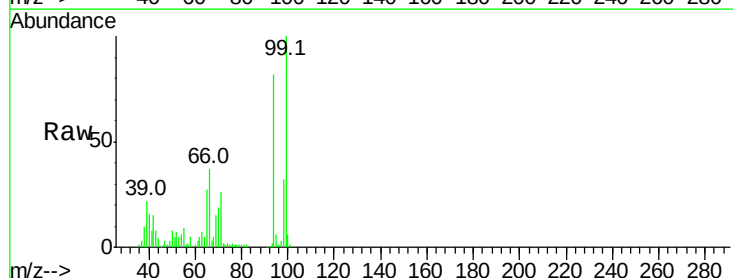
Tgt Ion: 94 Resp: 35556

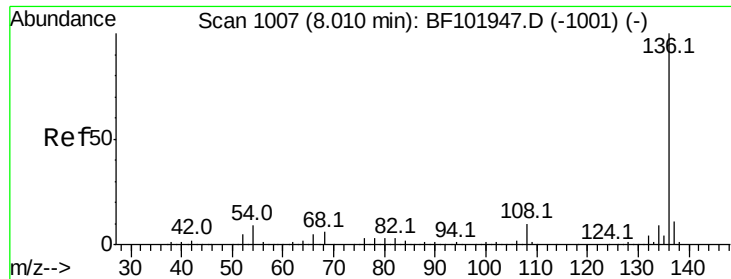
Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

66 45.1 16.2 56.2

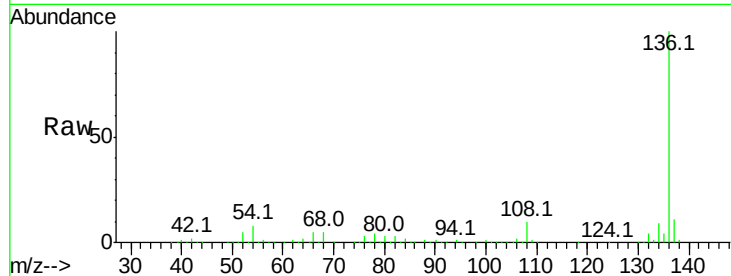




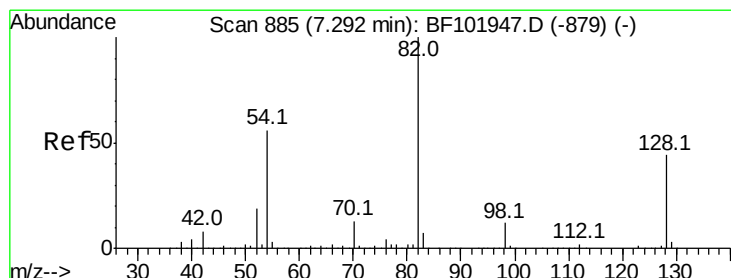
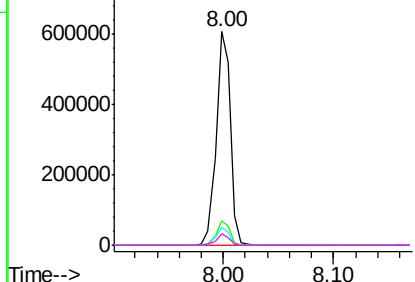
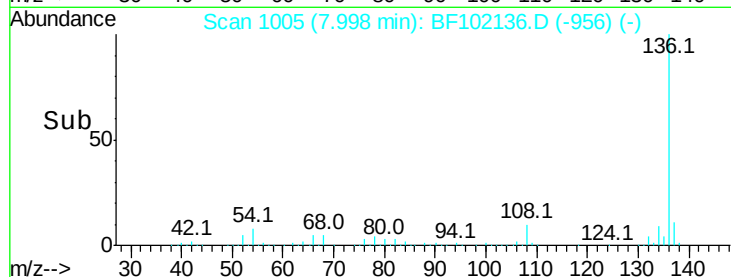
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :
SB-26-2.0-2.5

Tot Ion:136	Resp:	536999
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.5	6.6 9.8
68	5.2	5.0 7.4

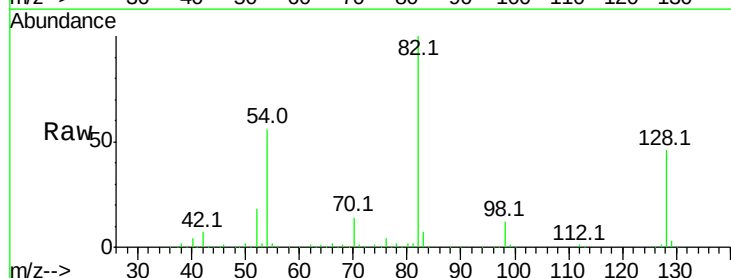


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

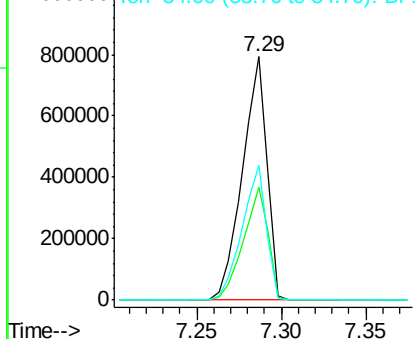
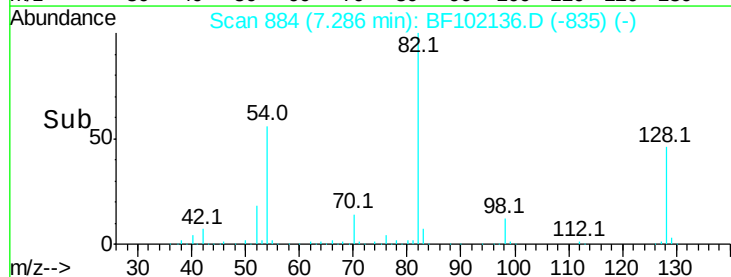


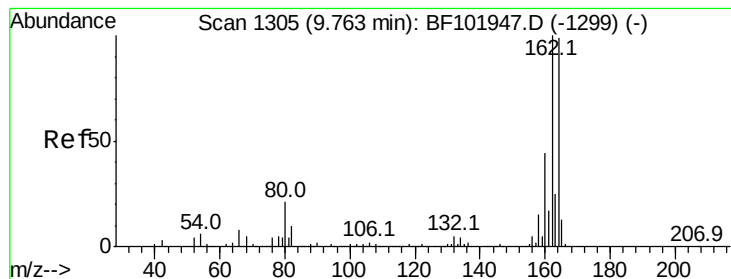
#23
Nitrobenzene-d5
Concen: 88.278 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion: 82	Resp:	806701
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	55.5	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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

SB-26-2.0-2.5

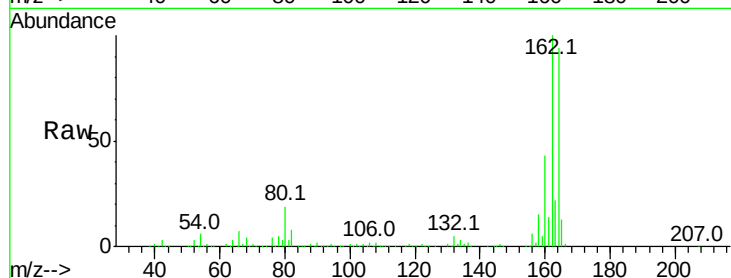
Tot Ion:164 Resp: 221814

Ion Ratio Lower Upper

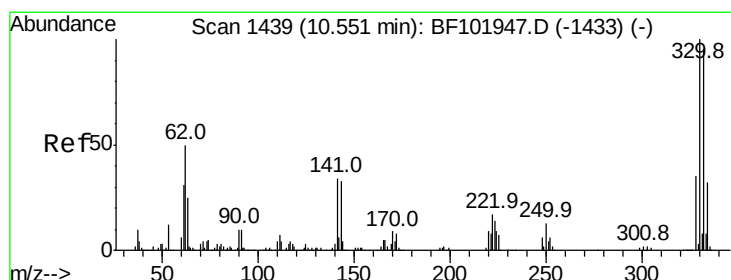
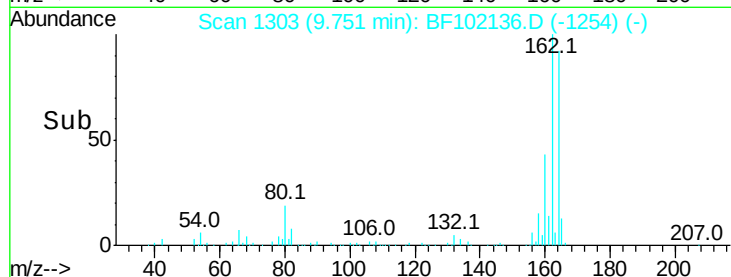
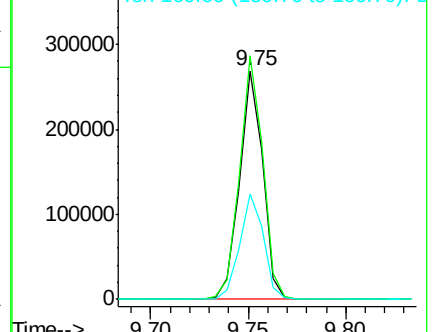
164 100

162 106.4 86.1 129.1

160 45.8 38.3 57.5



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: 129.205 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

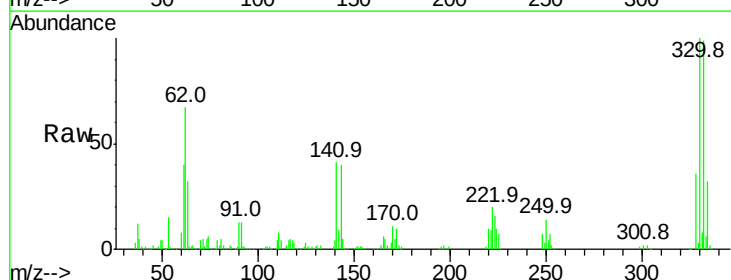
Tgt Ion:330 Resp: 250108

Ion Ratio Lower Upper

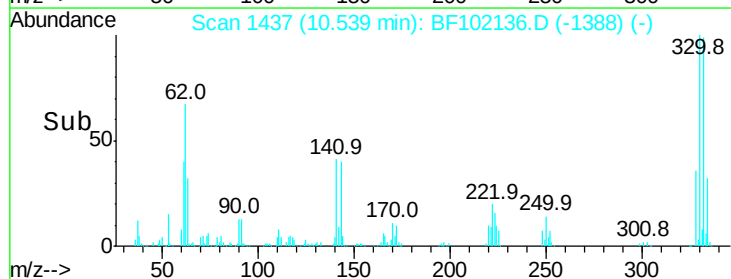
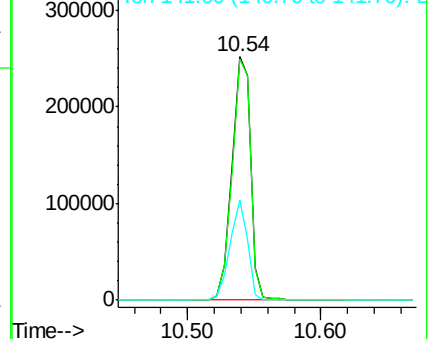
330 100

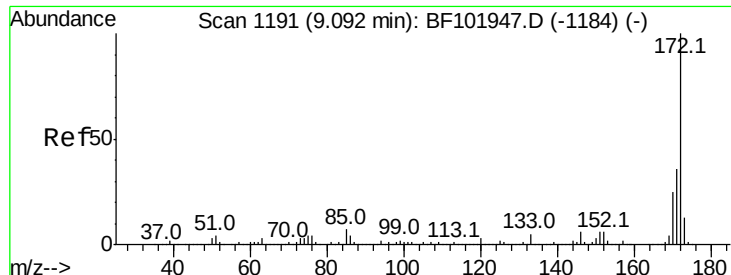
332 98.3 77.0 115.6

141 39.0 29.9 44.9



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



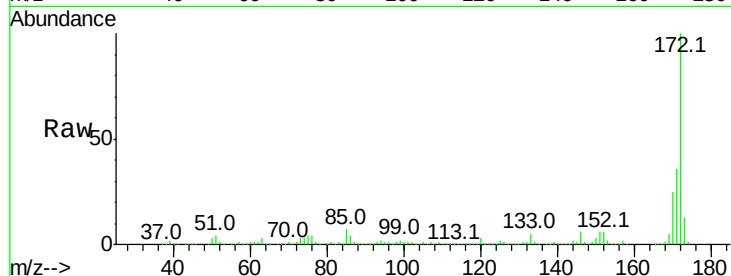


#44
2-Fluorobiphenyl
Concen: 92.538 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

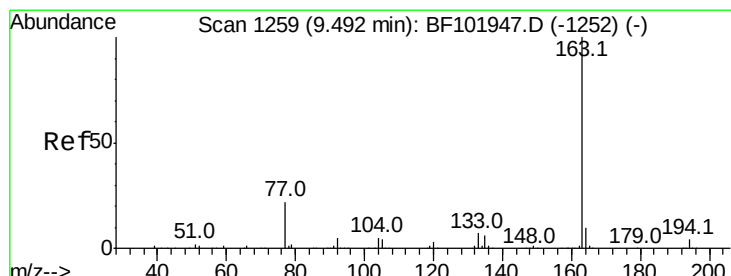
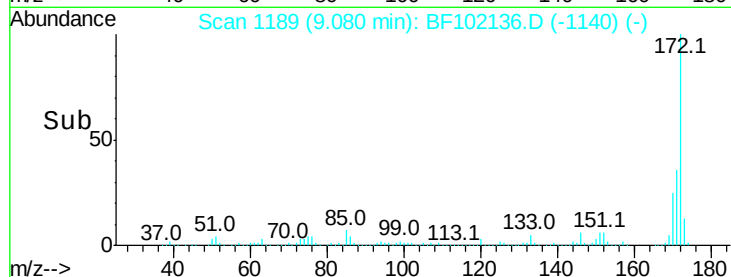
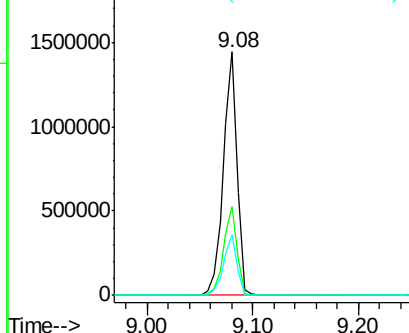
Instrument :
BNA_F
ClientSampleId :
SB-26-2.0-2.5

Tot Ion:172 Resp: 1313867

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.8	19.6	29.4



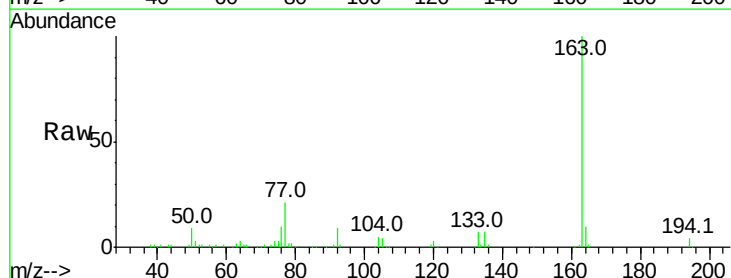
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



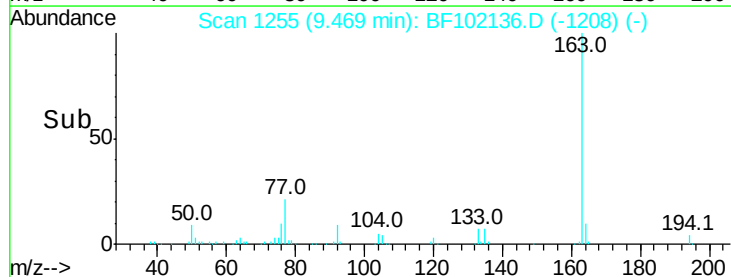
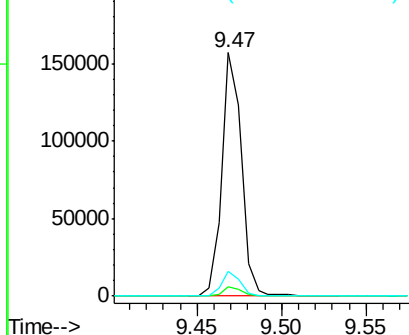
#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

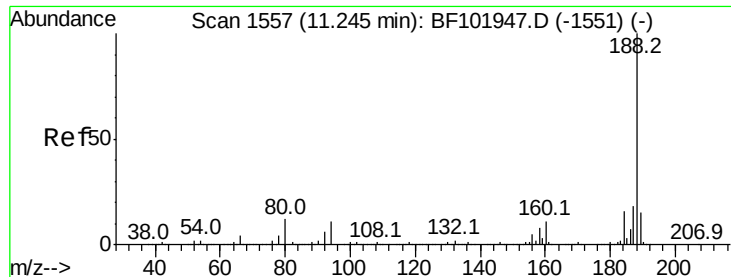
Tgt Ion:163 Resp: 127728

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

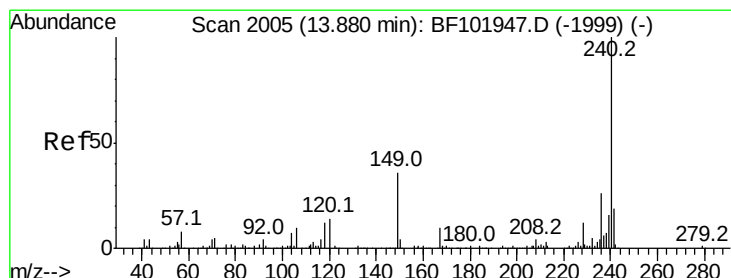
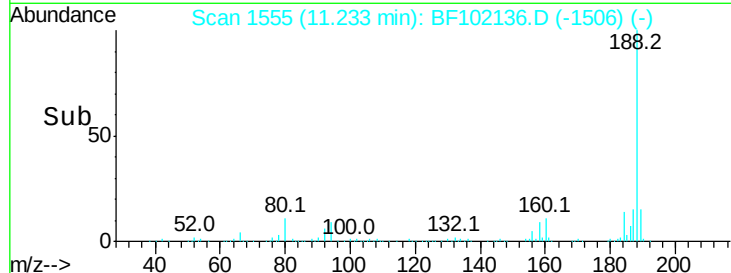
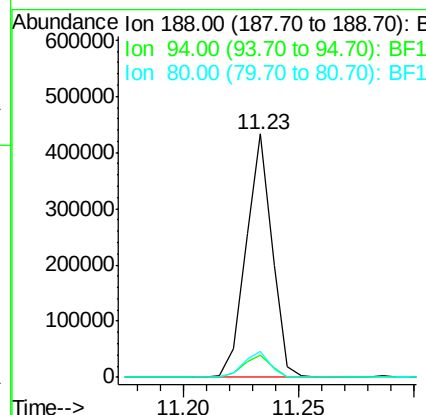
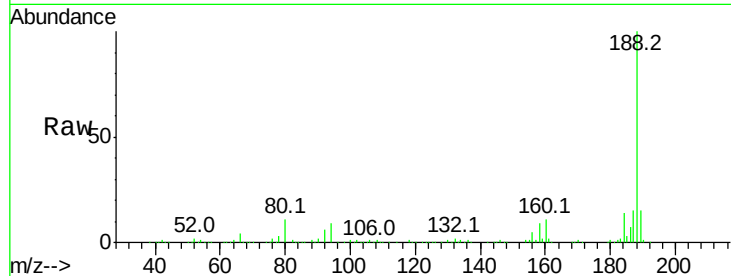




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

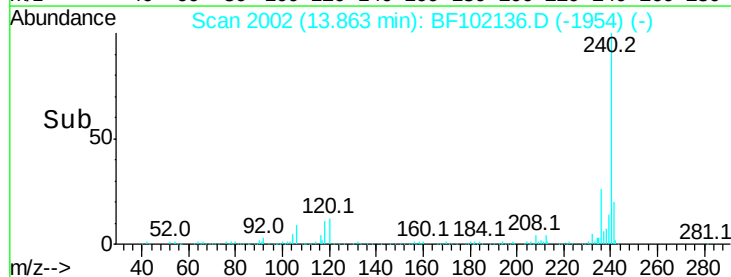
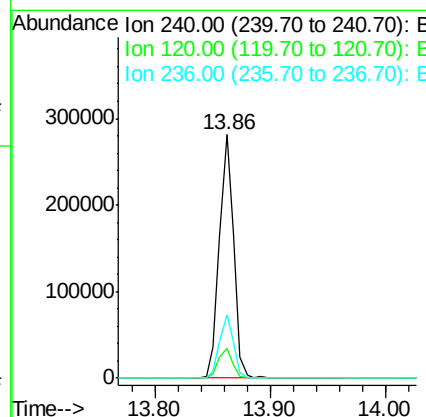
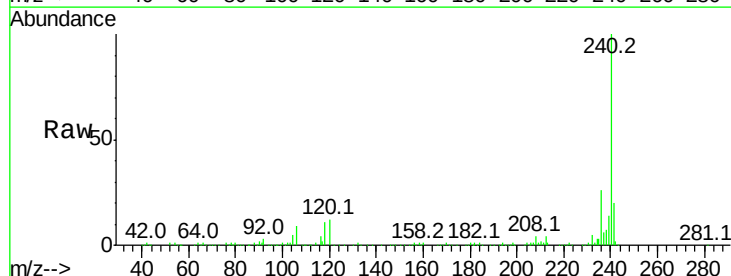
Instrument :
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SB-26-2.0-2.5

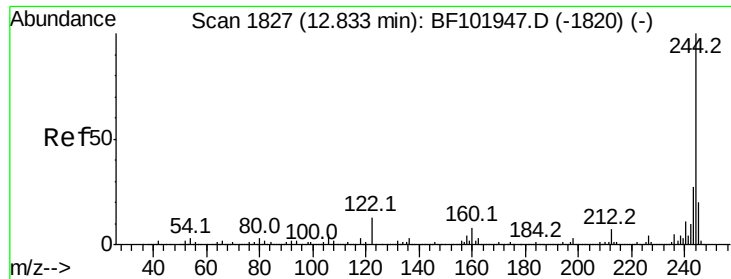
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 75.583 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

SB-26-2.0-2.5

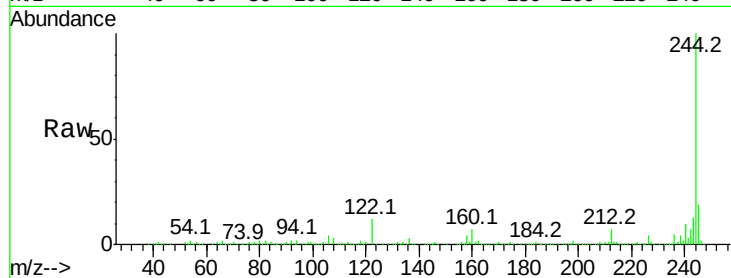
Tot Ion:244 Resp: 878242

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

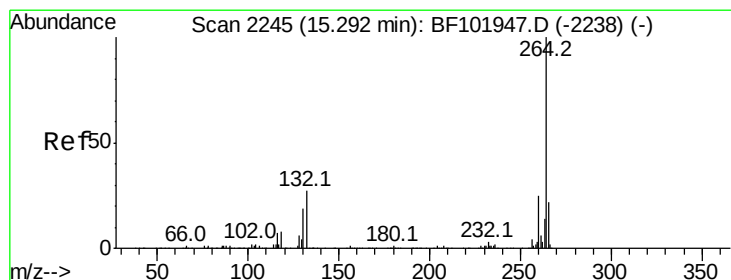
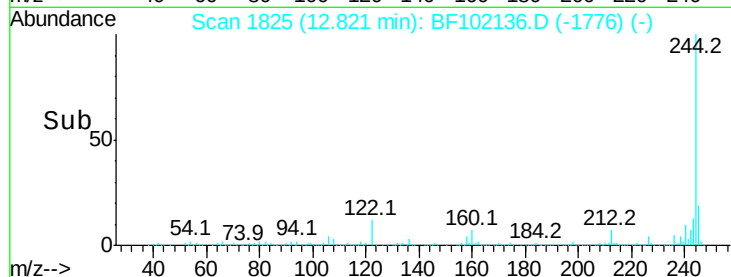
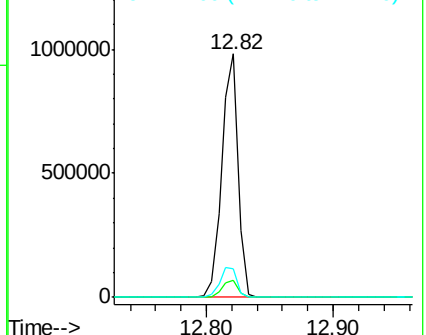
122 11.7 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

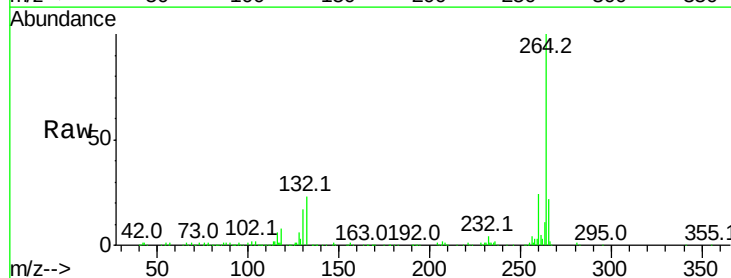
Tgt Ion:264 Resp: 249807

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 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

