

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102248.D
 Acq On : 20 Jan 2018 5:33
 Operator : SJ/JU
 Sample : J1113-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Quant Time: Jan 21 23:41:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

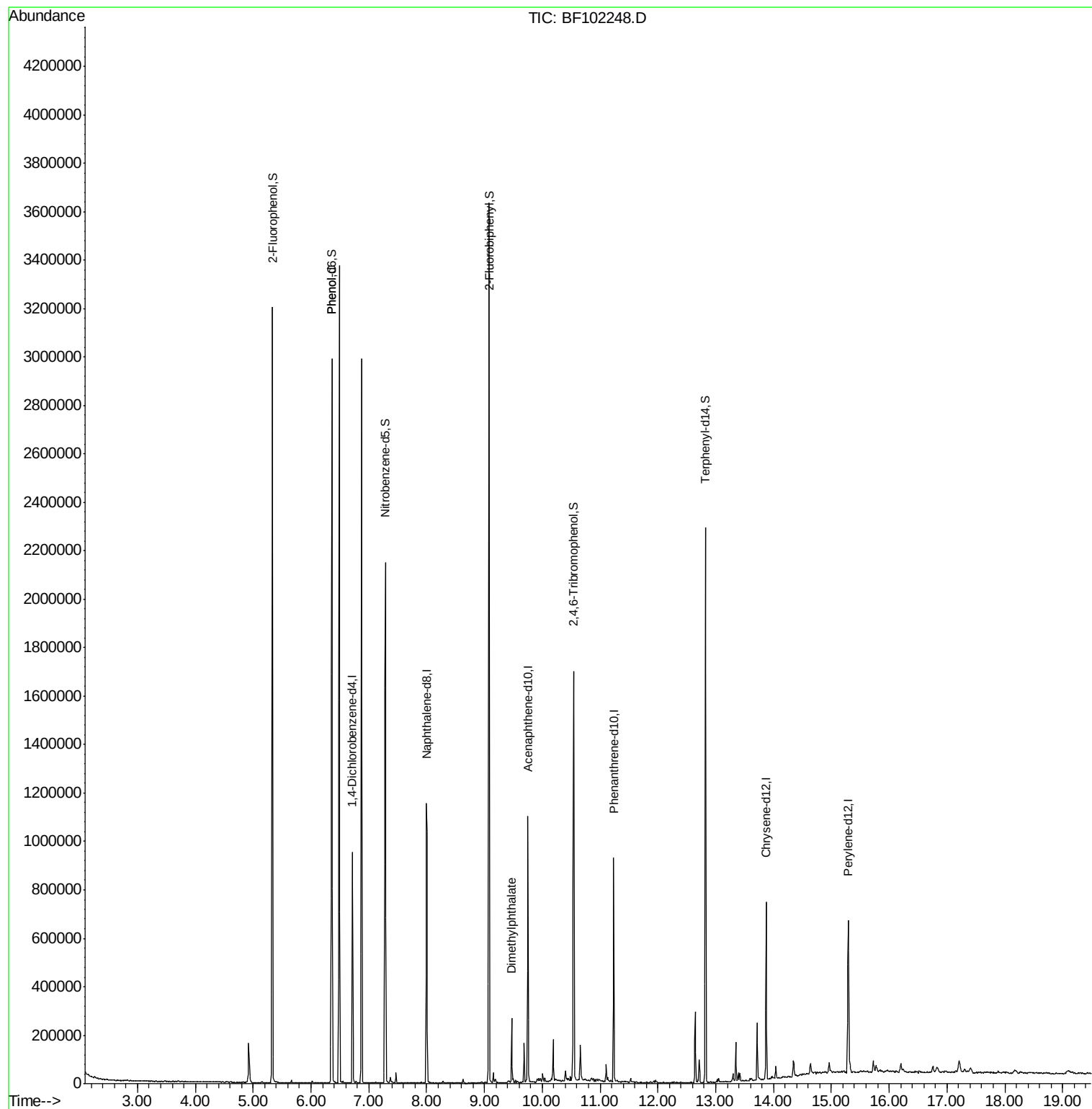
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132868	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	543556	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	221335	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	328357	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250431	20.00	ng	0.00
86) Perylene-d12	15.29	264	258635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	949048	100.86	ng	0.00
7) Phenol-d6	6.36	99	1113635	99.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	694500	75.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	202139	104.65	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1142563	80.65	ng	0.00
78) Terphenyl-d14	12.82	244	754368	62.54	ng	0.00
Target Compounds						
10) Phenol	6.37	94	25433	2.005	ng	Qvalue # 69
49) Dimethylphthalate	9.47	163	99176	5.586	ng	98

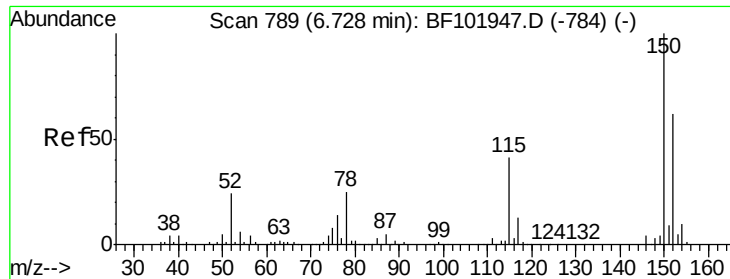
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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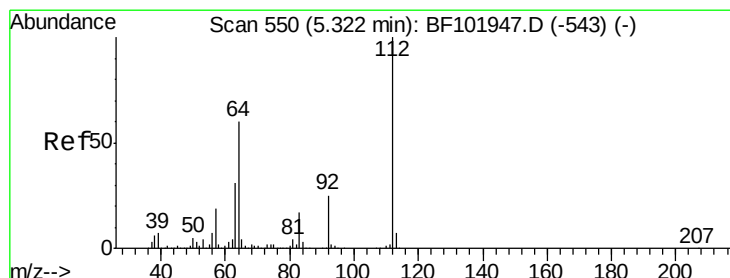
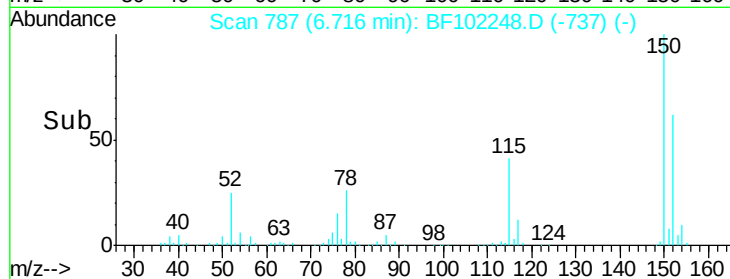
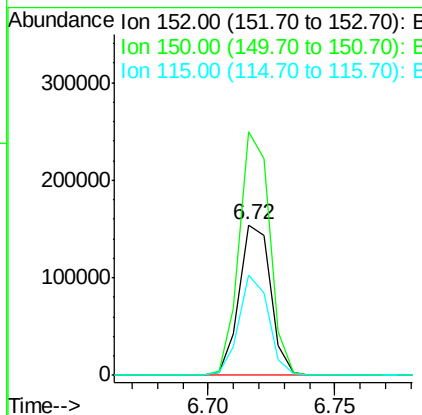
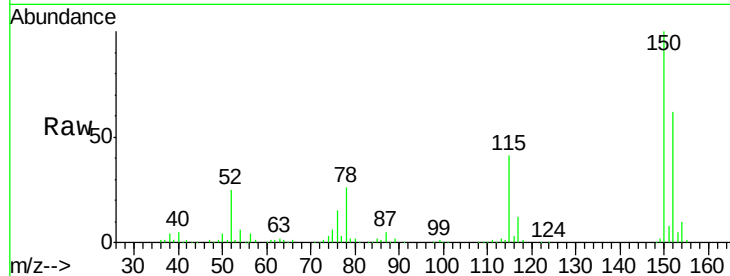


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

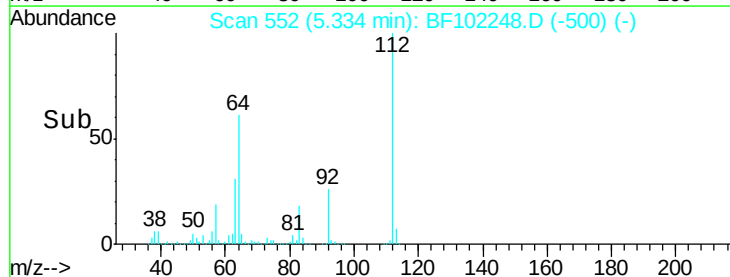
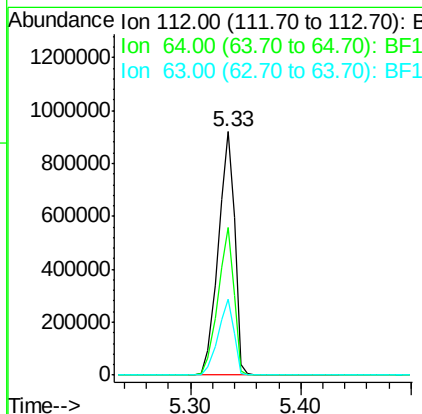
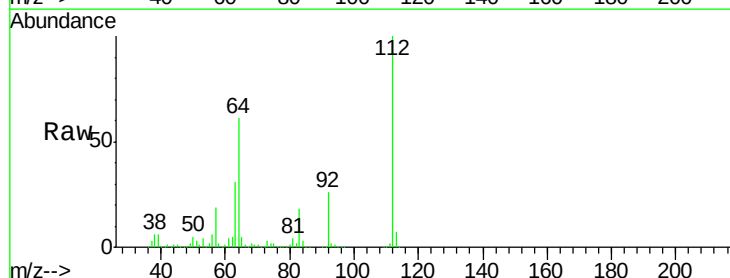
Tot Ion:152 Resp: 132868
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 66.5 50.1 75.1

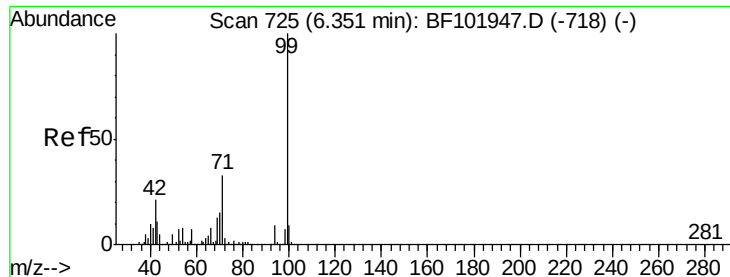


#5

2-Fluorophenol
Concen: 100.862 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Tgt Ion:112 Resp: 949048
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 99.198 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102248.D

Acq: 20 Jan 2018 5:33

Instrument :

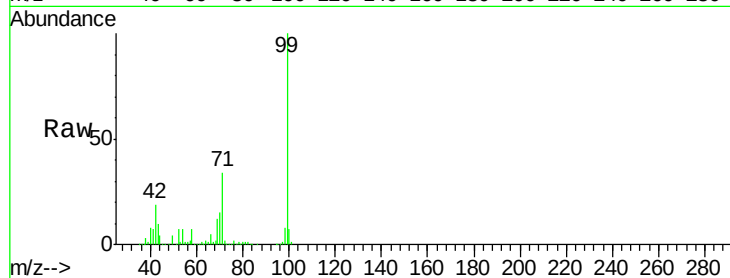
BNA_F

ClientSampleId :

SB-17-3.5-4.0

Tot Ion: 99 Resp: 1113635

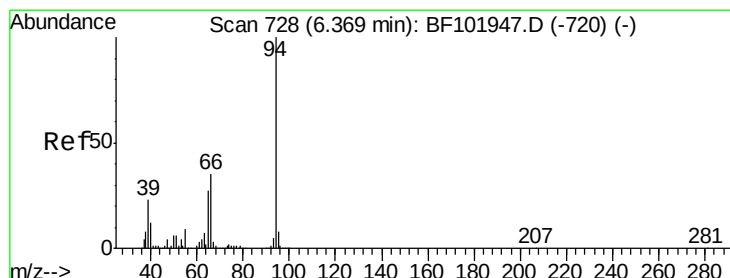
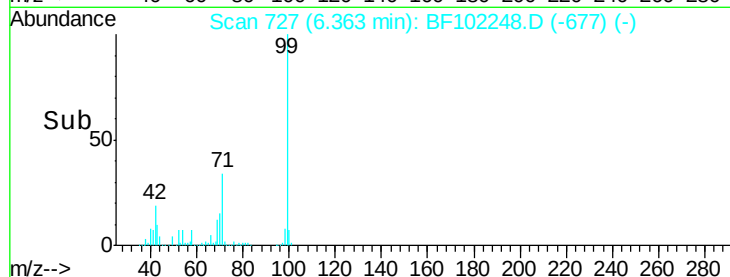
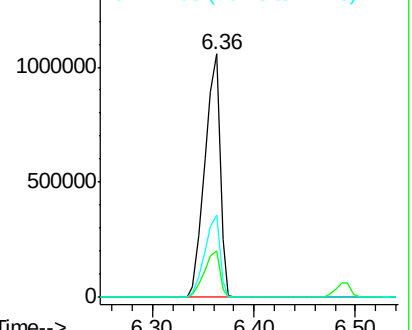
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.6	25.4	38.0



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: 2.005 ng

RT: 6.37 min Scan# 728

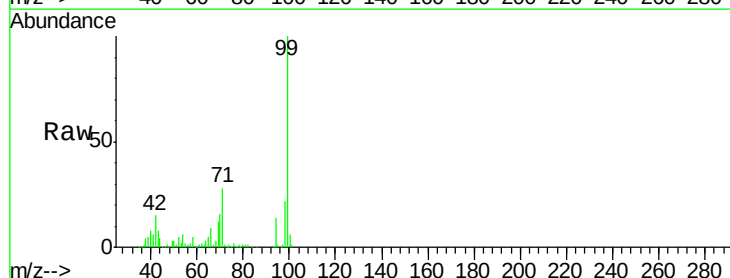
Delta R.T. -0.01 min

Lab File: BF102248.D

Acq: 20 Jan 2018 5:33

Tgt Ion: 94 Resp: 25433

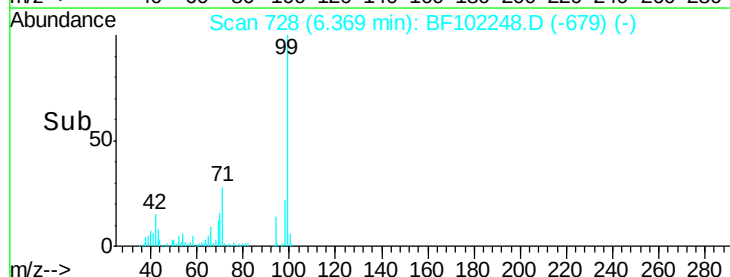
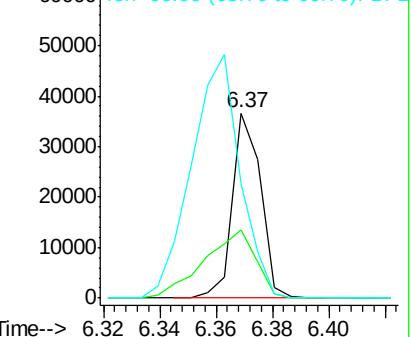
Ion	Ratio	Lower	Upper
94	100		
65	36.5	7.9	47.9
66	61.6	16.2	56.2

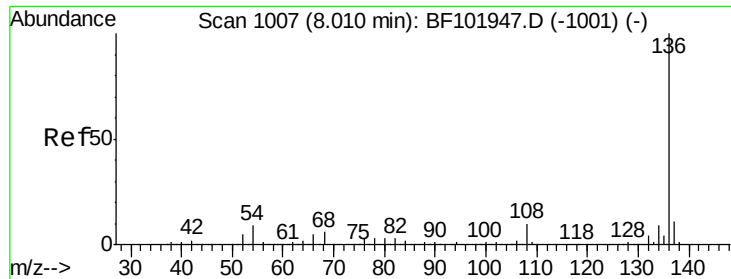


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

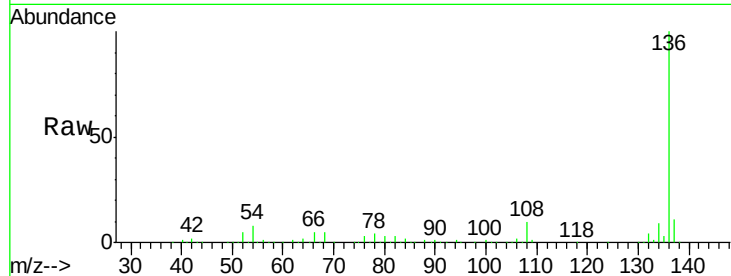




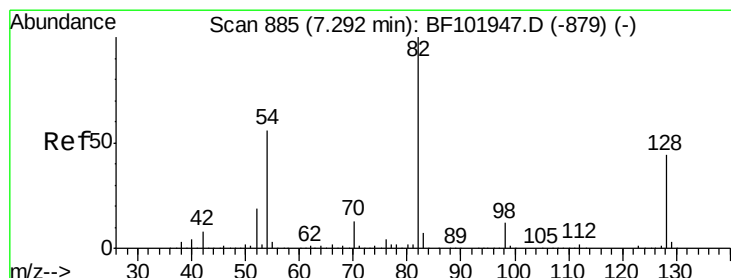
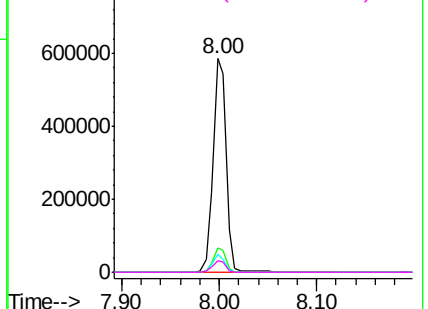
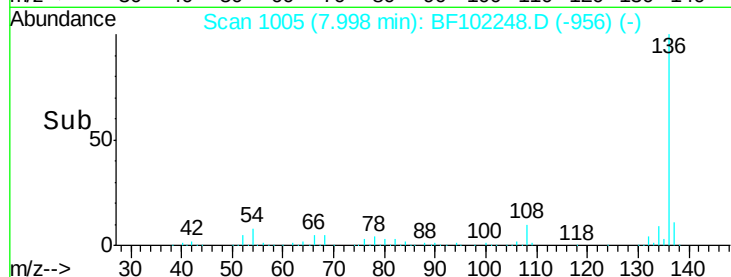
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tot Ion:136	Resp:	543556
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.2	6.6 9.8
68	5.5	5.0 7.4

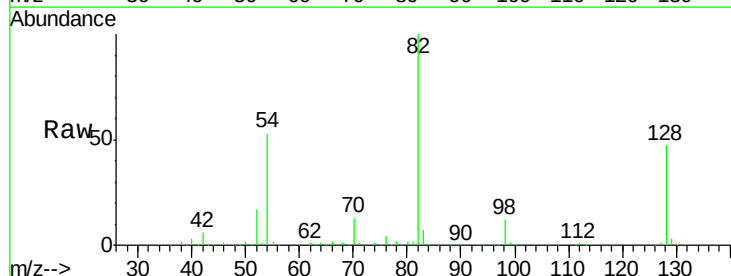


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

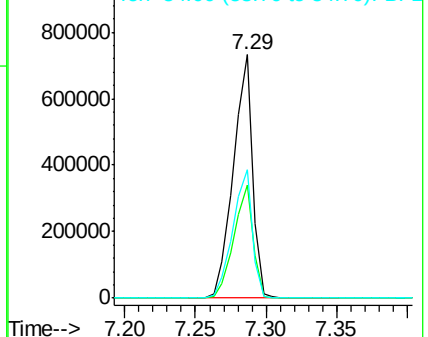
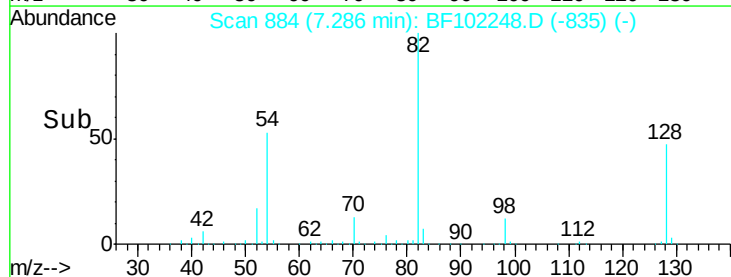


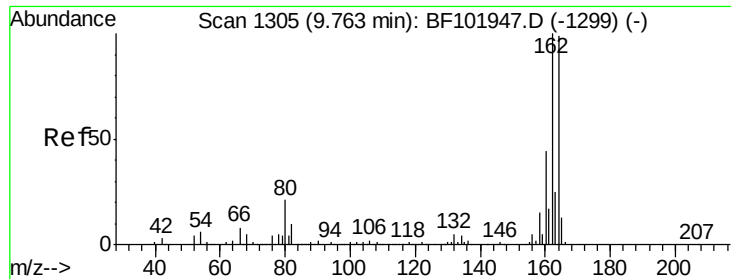
#23
Nitrobenzene-d5
Concen: 75.083 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Tgt Ion: 82	Resp:	694500
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.1 54.1
54	52.9	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

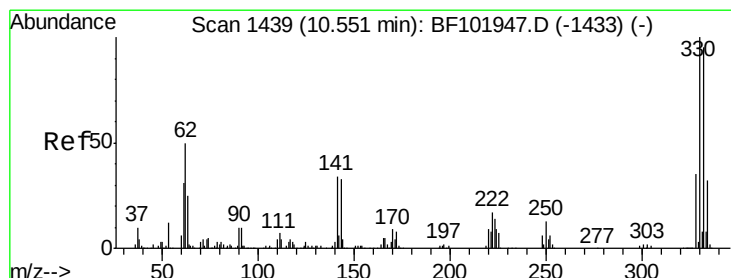
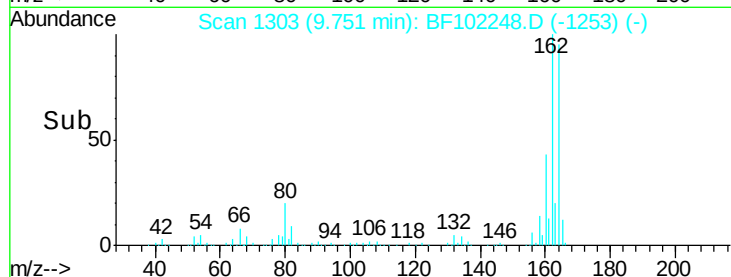
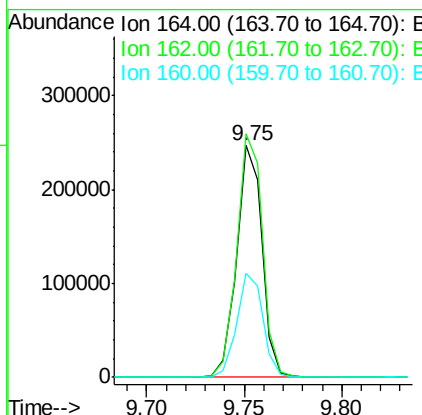
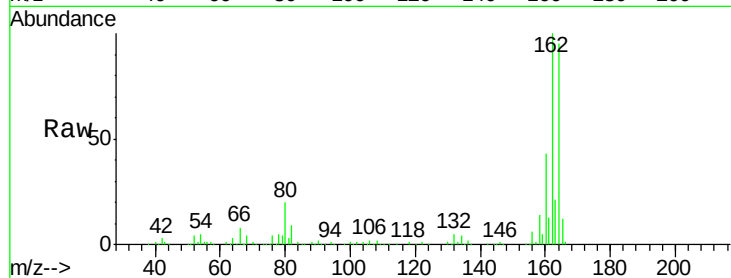




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102248.D
 Acq: 20 Jan 2018 5:33

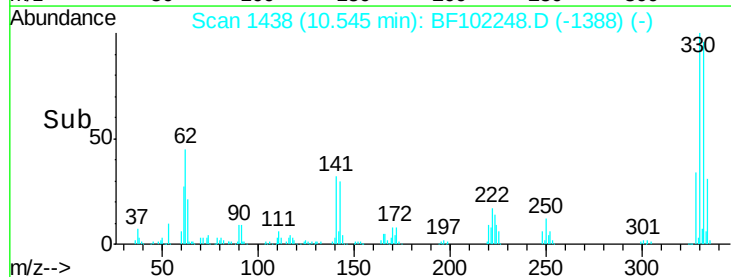
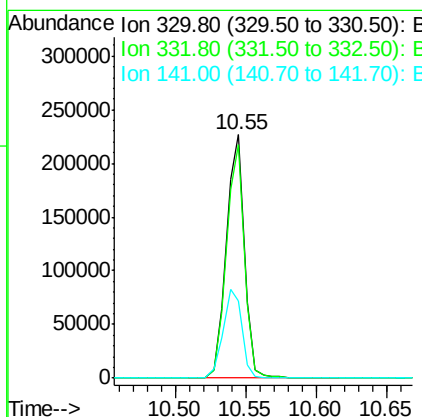
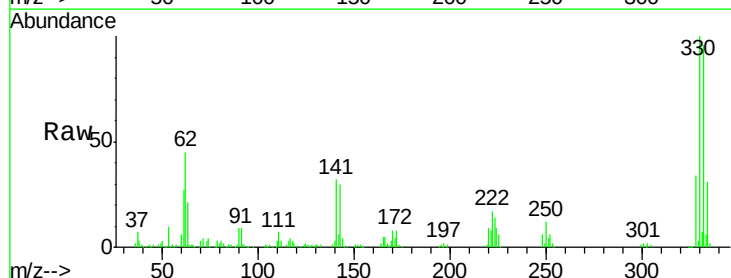
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

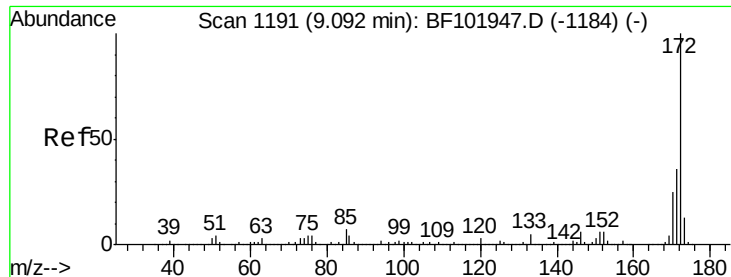
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	44.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 104.651 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102248.D
 Acq: 20 Jan 2018 5:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	37.9	29.9	44.9

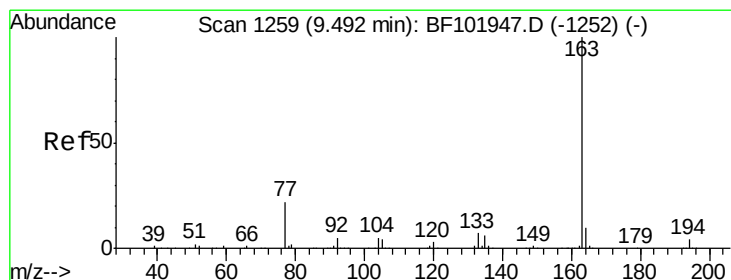
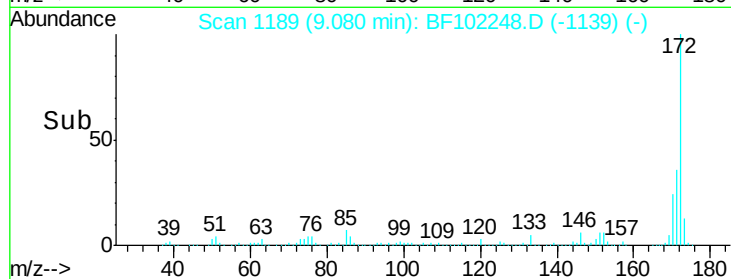
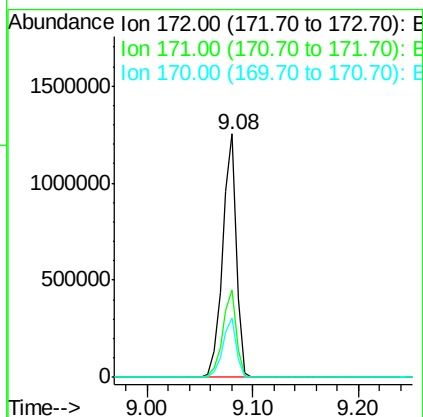
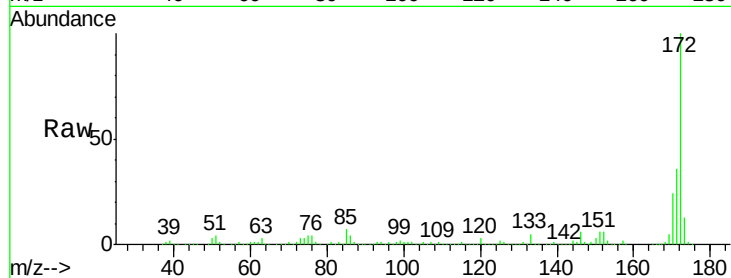




#44
2-Fluorobiphenyl
Concen: 80.647 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

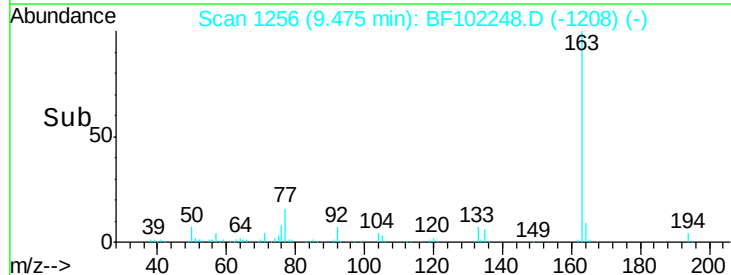
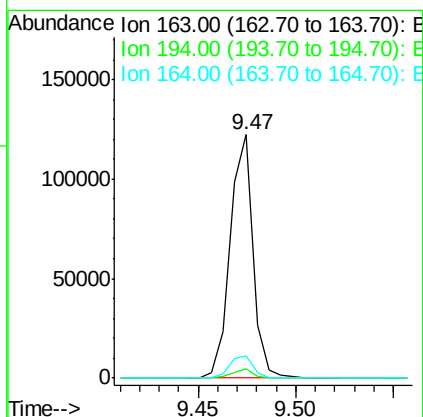
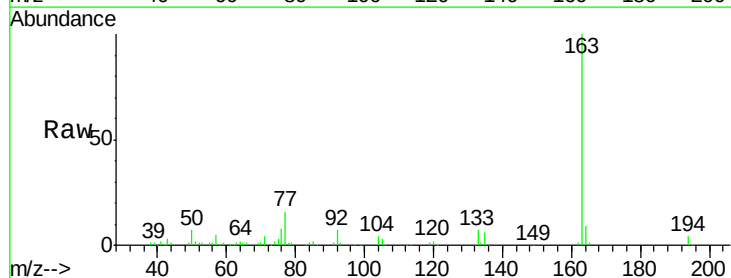
Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

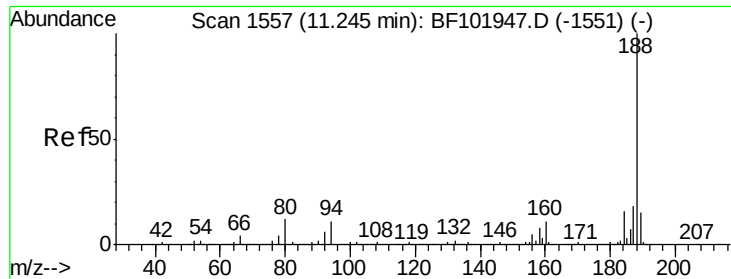
Tot Ion:172 Resp: 1142563
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.586 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Tgt Ion:163 Resp: 99176
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 8.2 12.2

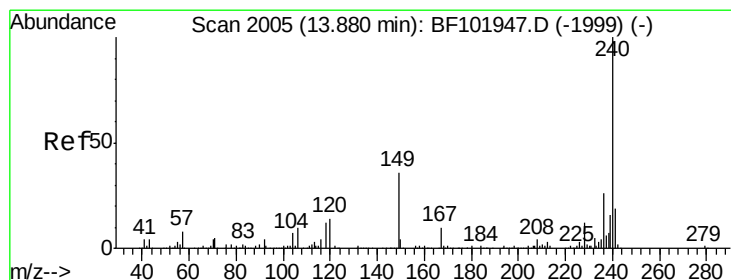
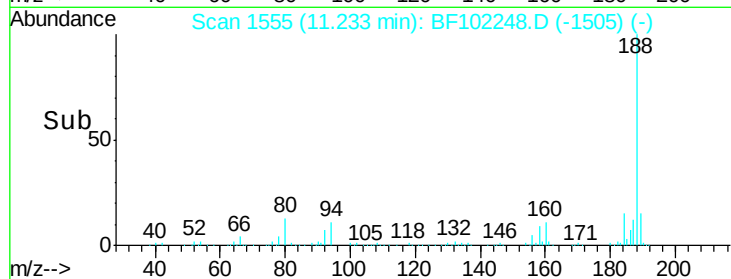
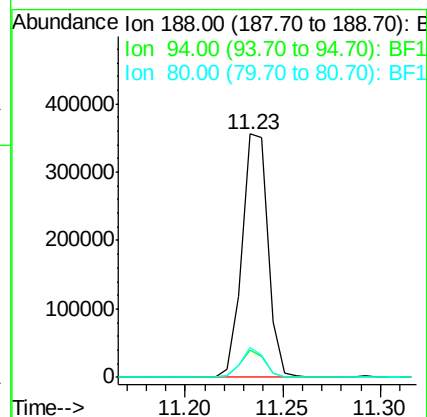
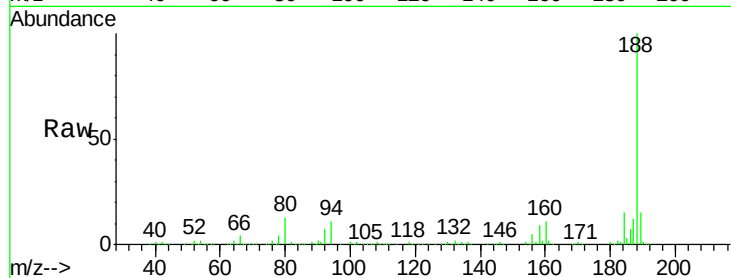




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

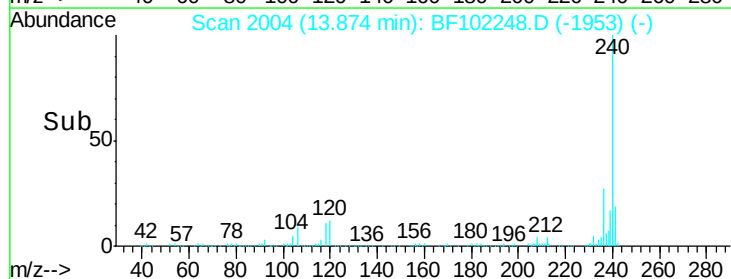
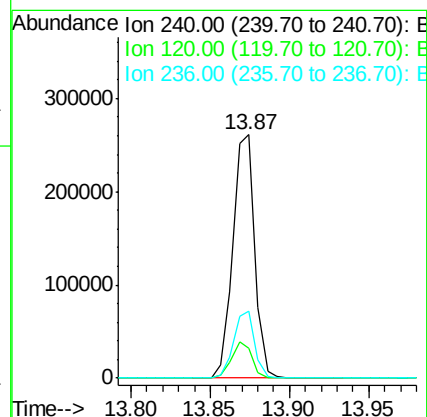
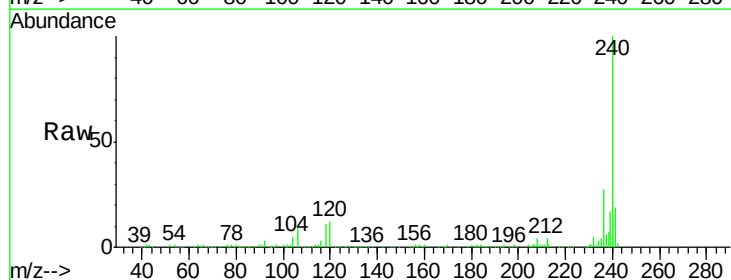
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BNA_F
ClientSampleId :
SB-17-3.5-4.0

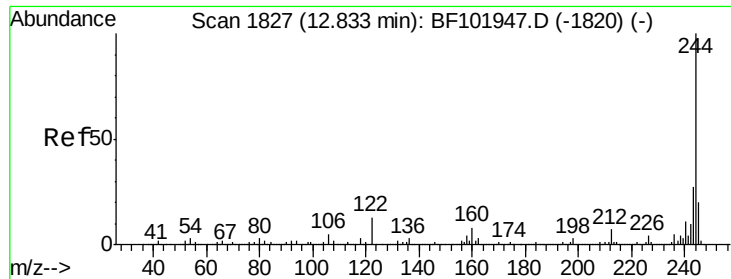
Tot Ion:188 Resp: 328357
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102248.D
Acq: 20 Jan 2018 5:33

Tgt Ion:240 Resp: 250431
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 27.4 20.7 31.1





#78

Terphenyl-d14

Concen: 62.543 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102248.D

Acq: 20 Jan 2018 5:33

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

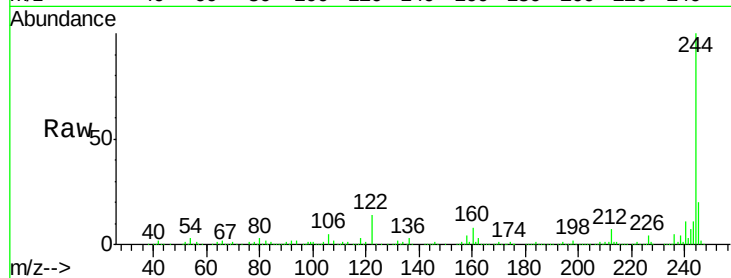
Tot Ion:244 Resp: 754368

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

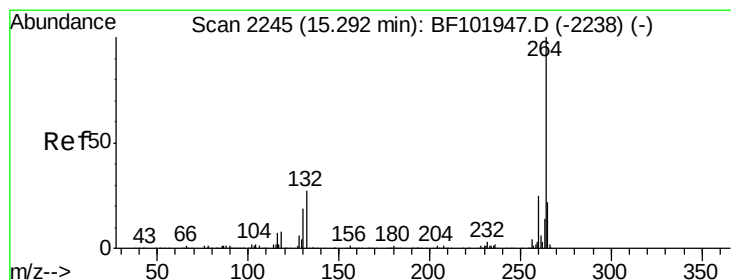
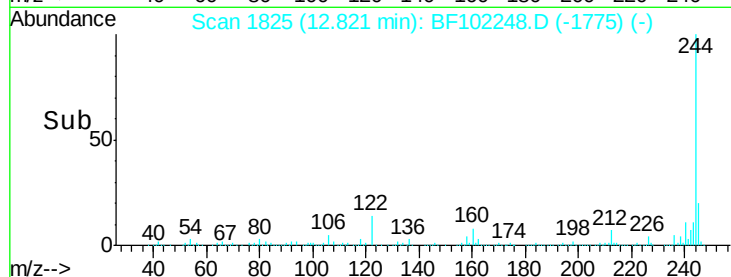
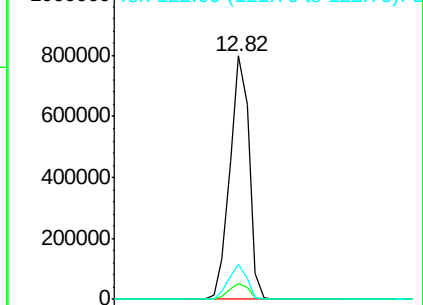
122 14.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102248.D

Acq: 20 Jan 2018 5:33

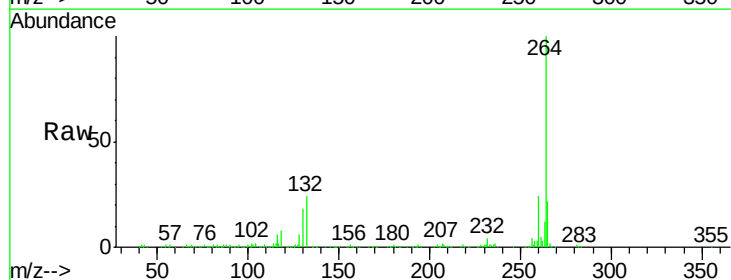
Tgt Ion:264 Resp: 258635

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.4 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

