

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102738.D
 Acq On : 5 Feb 2018 15:23
 Operator : SJ/JU
 Sample : J1437-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-148-20

Quant Time: Feb 05 17:01:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

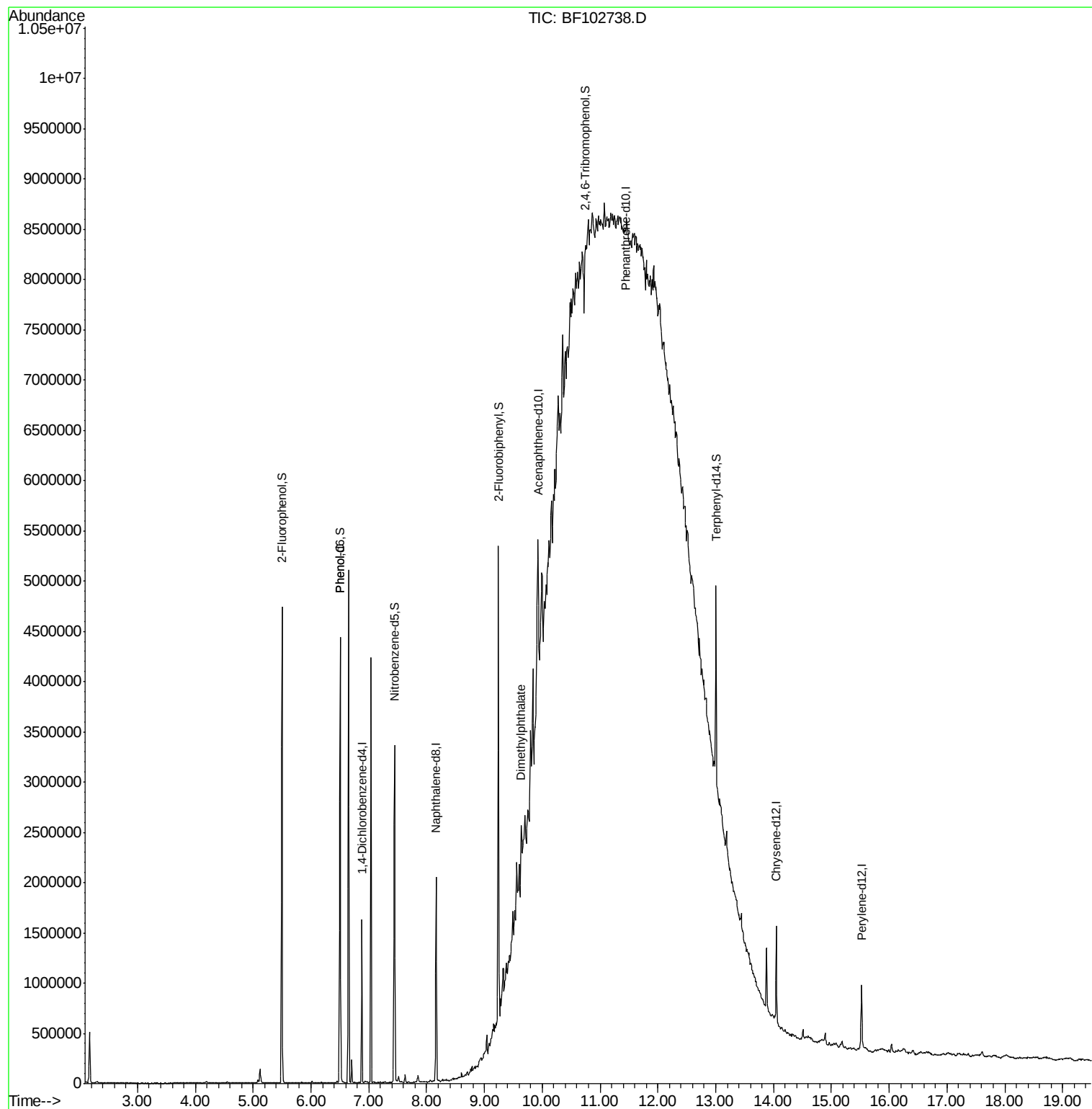
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	821628	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	255840	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	176757	20.00	ng	0.04
75) Chrysene-d12	14.04	240	343344	20.00	ng	0.00
86) Perylene-d12	15.52	264	300672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1455279	105.22	ng	0.00
7) Phenol-d6	6.51	99	1720895	103.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	1064235	89.85	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	182280	88.52	ng	0.02
44) 2-Fluorobiphenyl	9.24	172	1569118	101.77	ng	0.00
78) Terphenyl-d14	13.00	244	904758	62.39	ng	0.00
Target Compounds						
10) Phenol	6.52	94	45230	2.534	ng	79
49) Dimethylphthalate	9.63	163	107147	5.371	ng	# 87

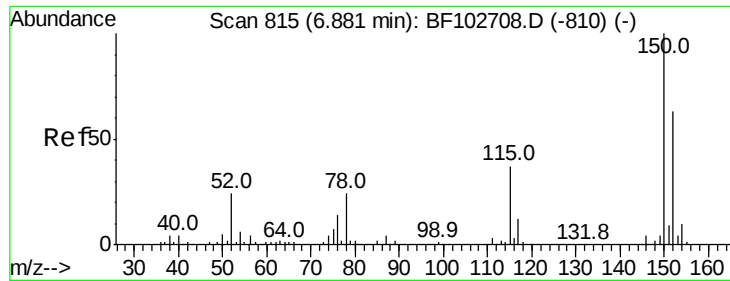
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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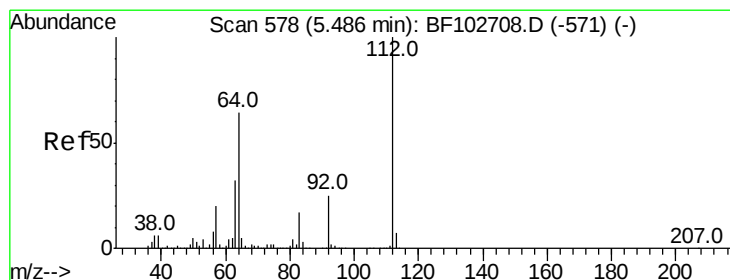
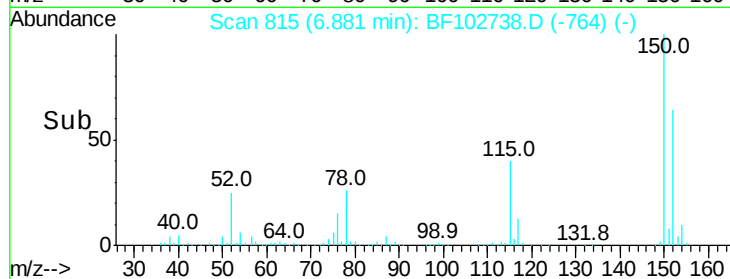
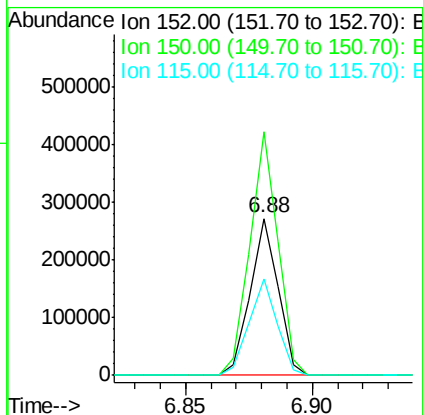
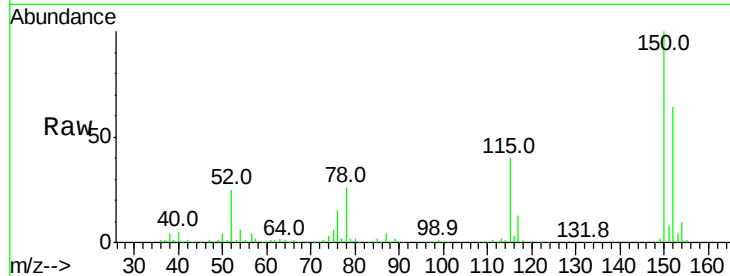


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Instrument :
BNA_F
ClientSampleId :
RO-148-20

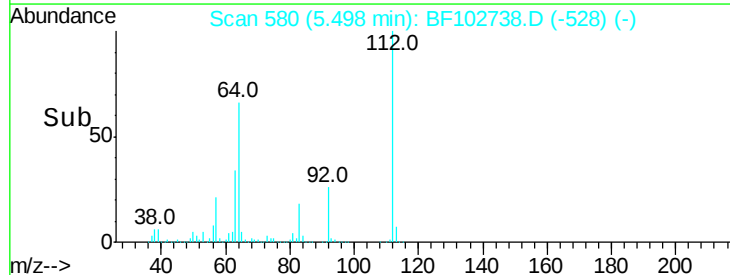
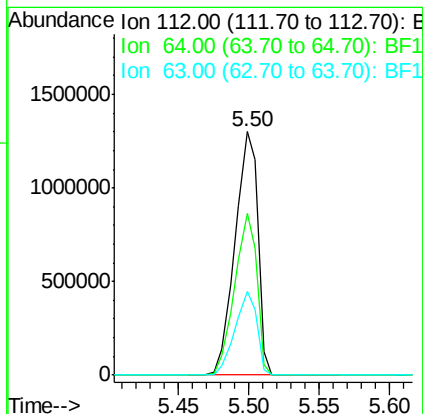
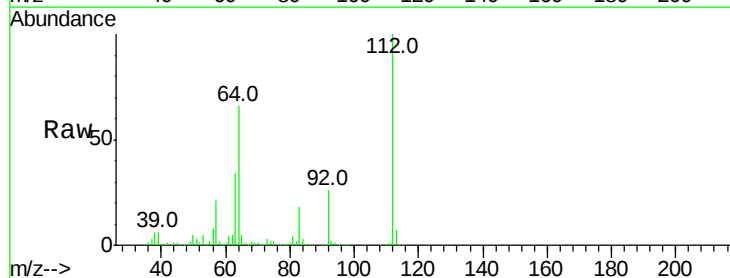
Tot Ion:152 Resp: 210051
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.7 50.1 75.1

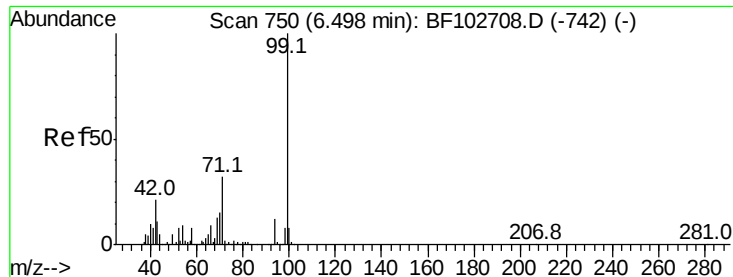


#5

2-Fluorophenol
Concen: 105.217 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Tgt Ion:112 Resp: 1455279
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.3 23.7 35.5





#7

Phenol-d6

Concen: 103.333 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

Instrument :

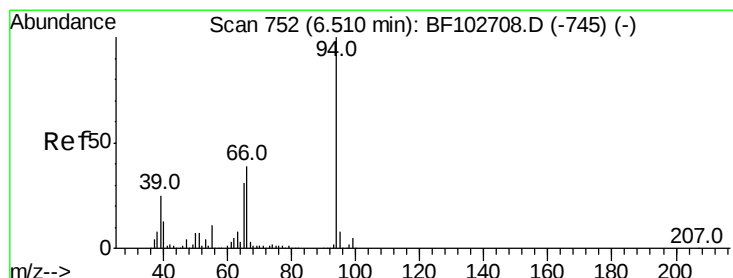
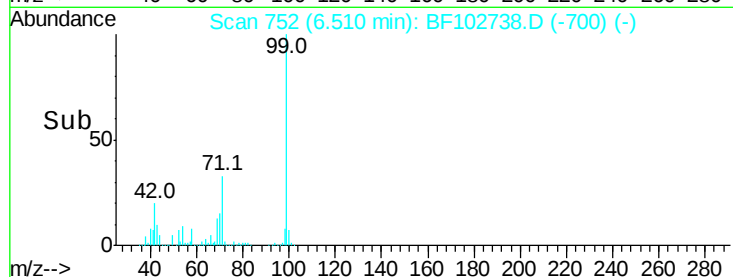
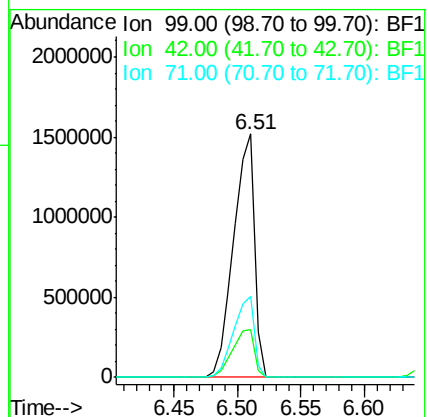
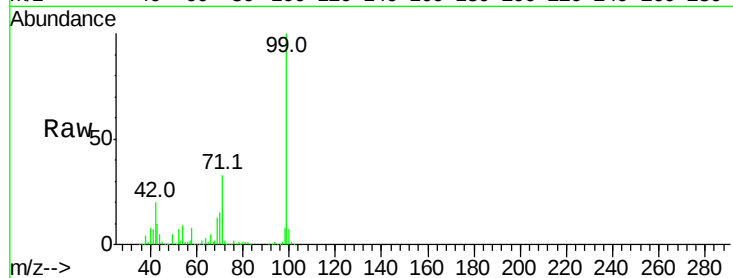
BNA_F

ClientSampleId :

RO-148-20

Tot Ion: 99 Resp: 1720895

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.1	25.4	38.0



#10

Phenol

Concen: 2.534 ng

RT: 6.52 min Scan# 753

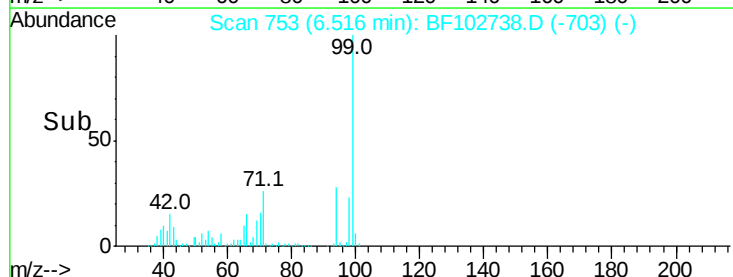
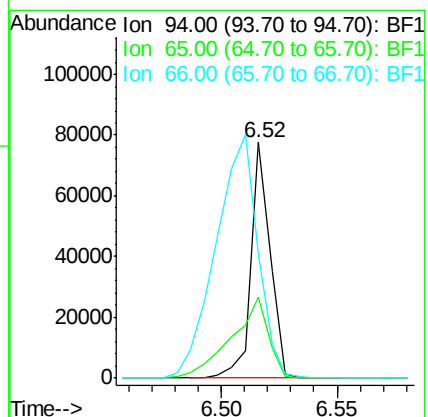
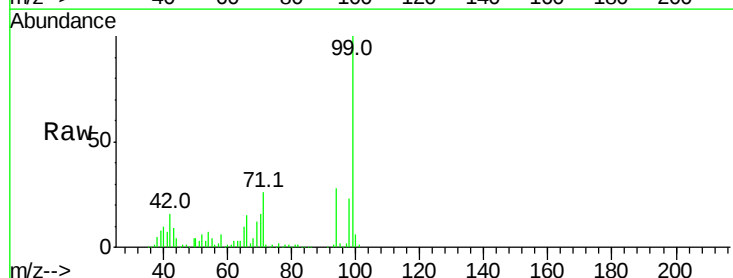
Delta R.T. -0.01 min

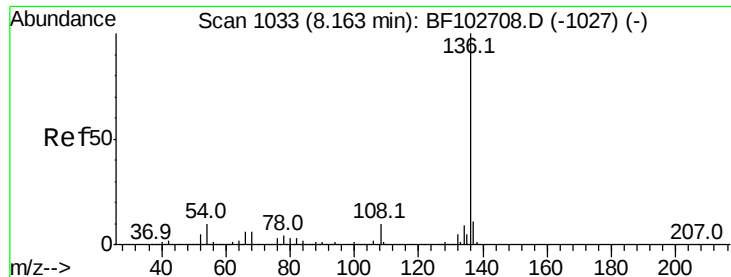
Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

Tgt Ion: 94 Resp: 45230

Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	52.9	16.2	56.2

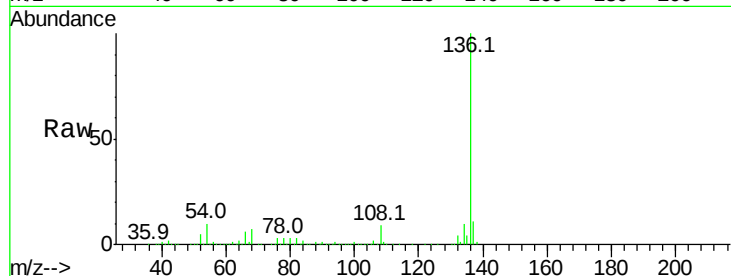




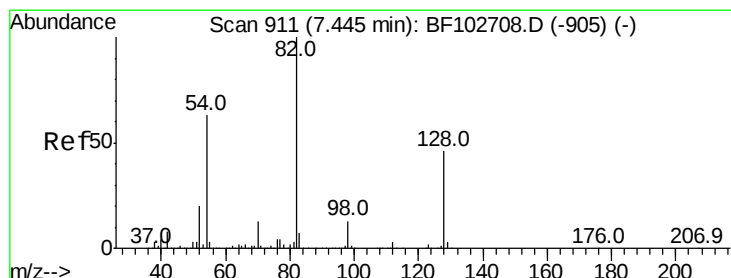
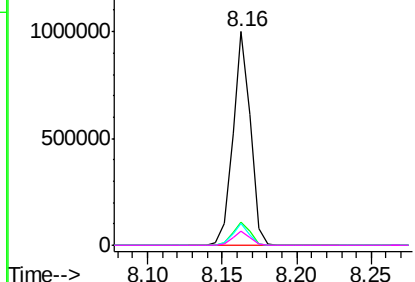
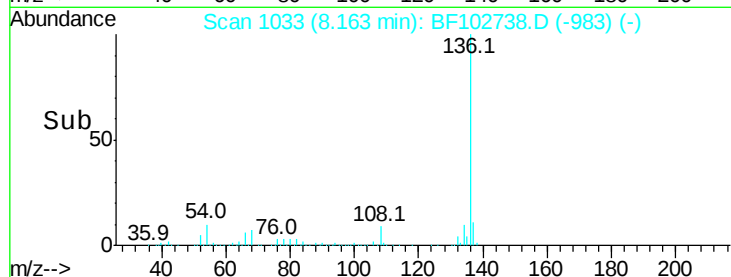
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Instrument :
BNA_F
ClientSampleId :
RO-148-20

Tot Ion:136	Resp:	821628
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.1	6.6 9.8#
68	6.6	5.0 7.4

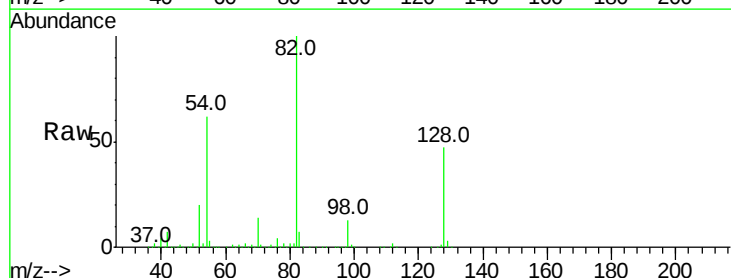


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

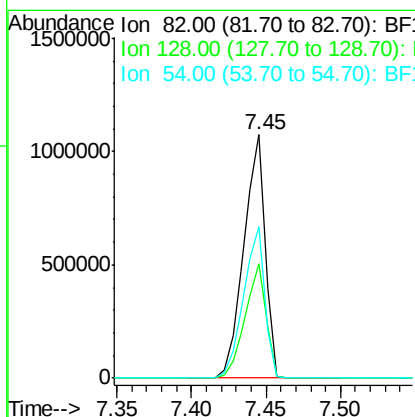
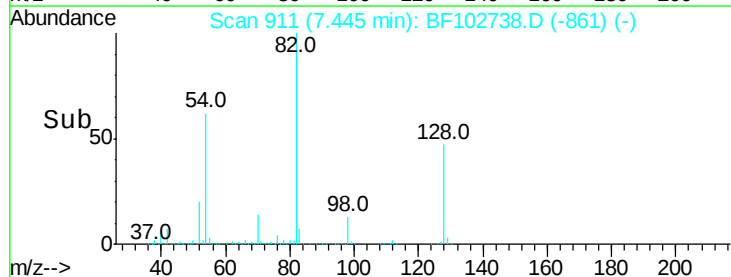


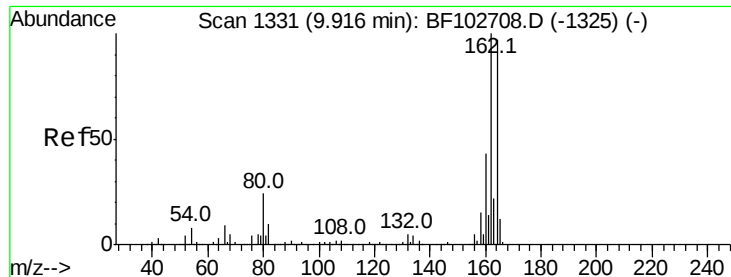
#23
Nitrobenzene-d5
Concen: 89.854 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Tgt Ion: 82	Resp:	1064235
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	62.1	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: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

Instrument :

BNA_F

ClientSampleId :

RO-148-20

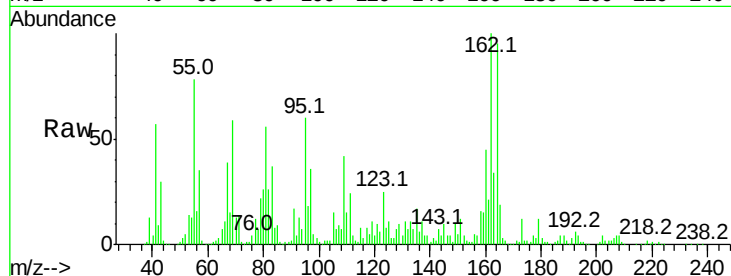
Tot Ion:164 Resp: 255840

Ion Ratio Lower Upper

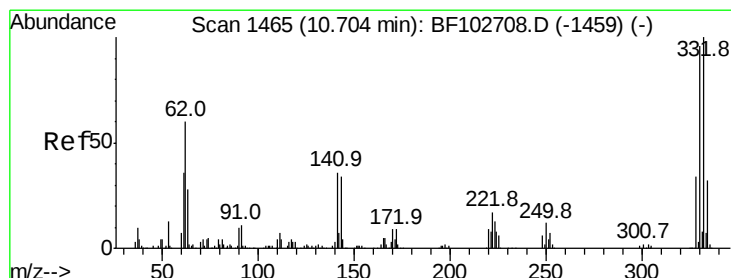
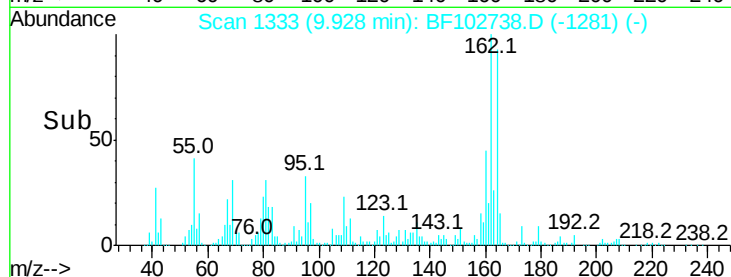
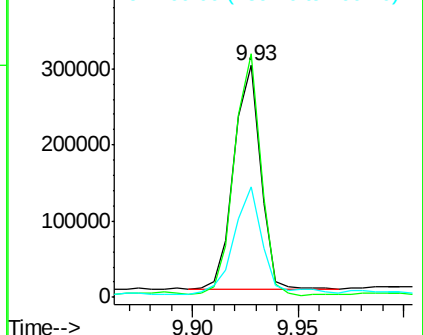
164 100

162 105.1 86.1 129.1

160 47.7 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: 88.519 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.02 min

Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

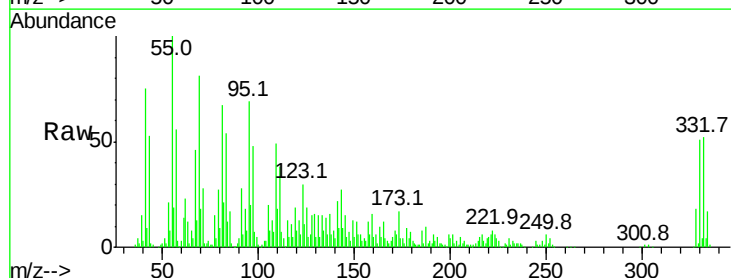
Tgt Ion:330 Resp: 182280

Ion Ratio Lower Upper

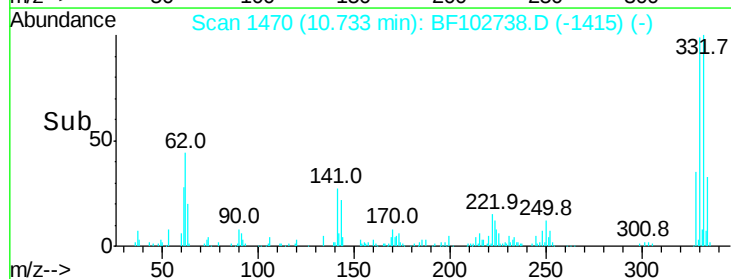
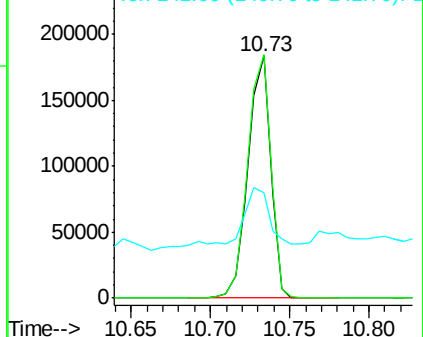
330 100

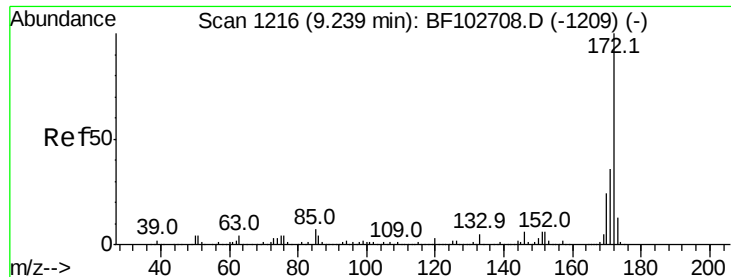
332 102.9 77.0 115.6

141 23.9 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

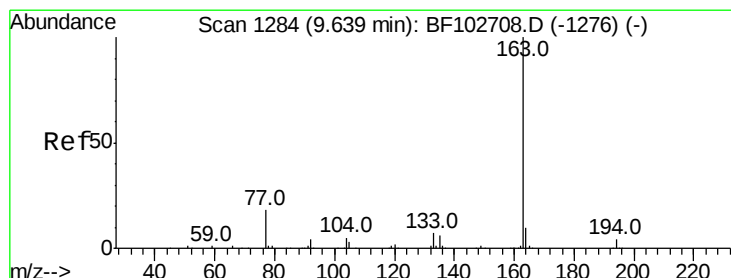
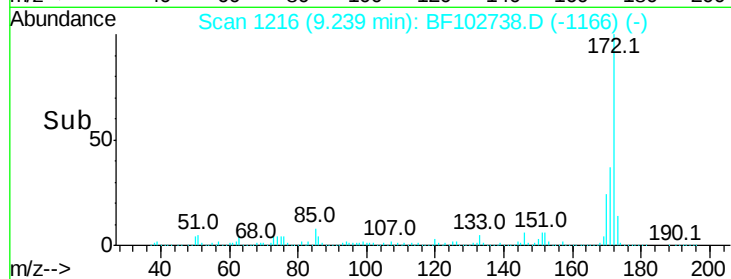
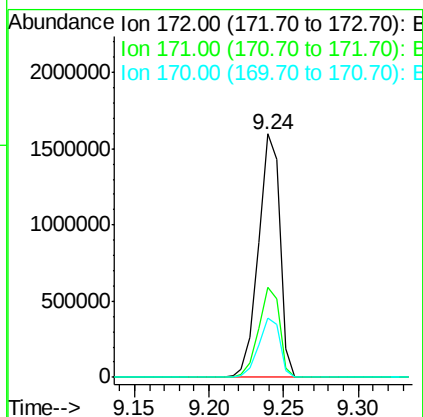
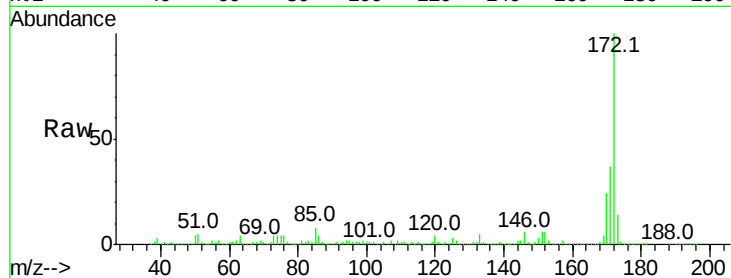




#44
2-Fluorobiphenyl
Concen: 101.772 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

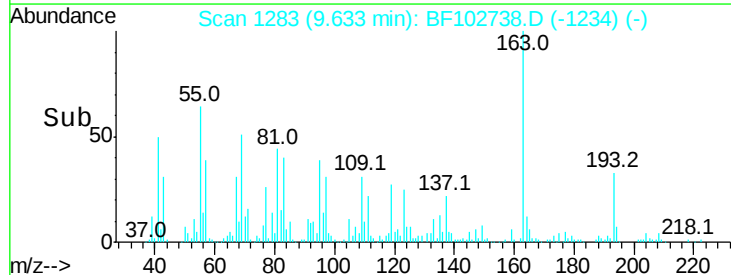
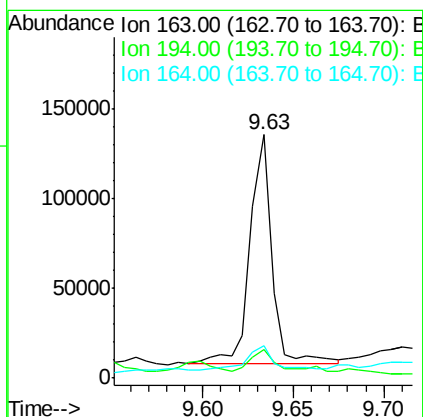
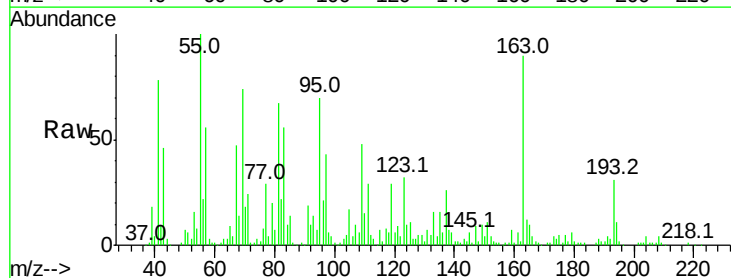
Instrument :
BNA_F
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RO-148-20

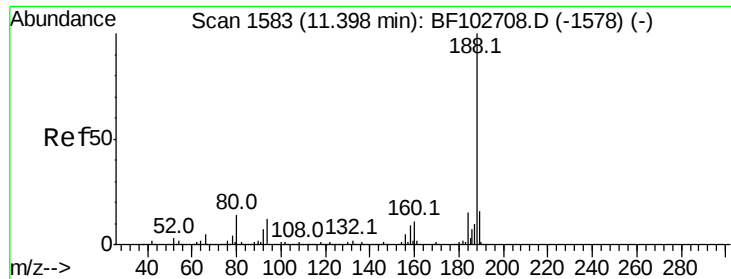
Tot Ion:172 Resp: 1569118
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 5.371 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Tgt Ion:163 Resp: 107147
Ion Ratio Lower Upper
163 100
194 11.7 2.7 4.1#
164 13.3 8.2 12.2#

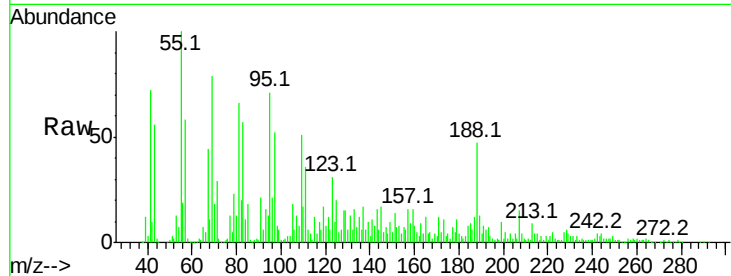




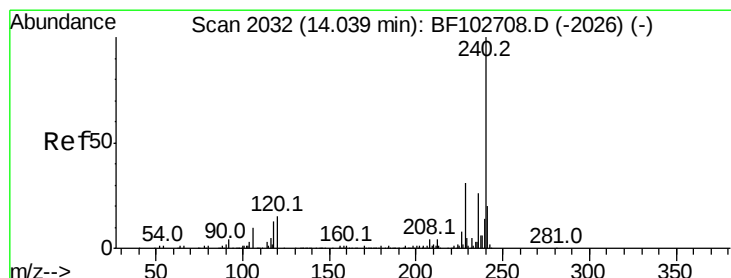
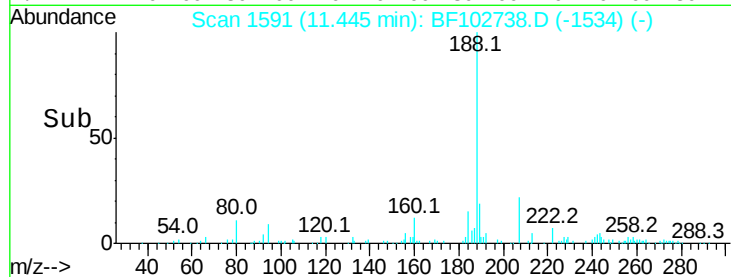
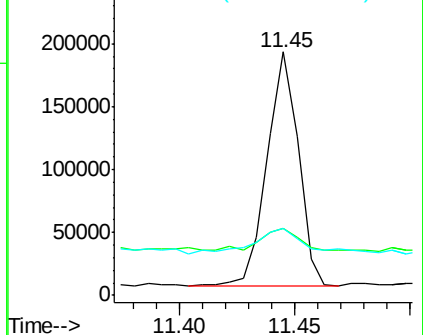
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.04 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Instrument :
BNA_F
ClientSampled :
RO-148-20

Tot Ion:188 Resp: 176757
Ion Ratio Lower Upper
188 100
94 27.5 8.5 12.7#
80 27.8 9.2 13.8#

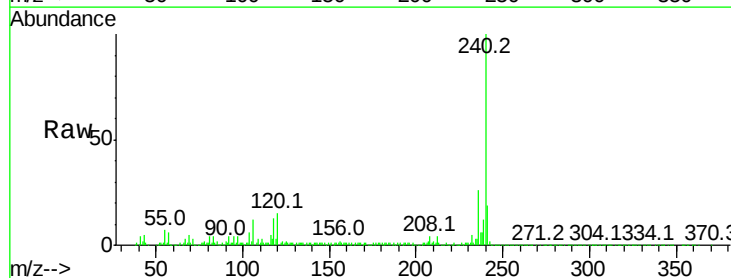


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

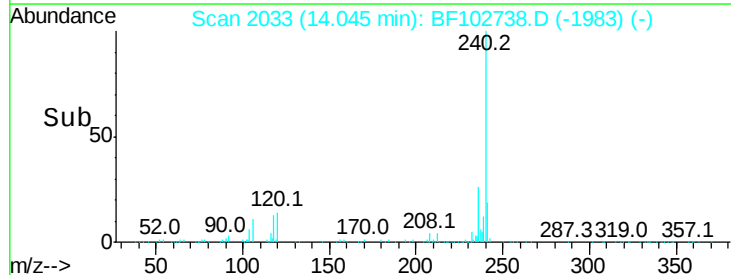
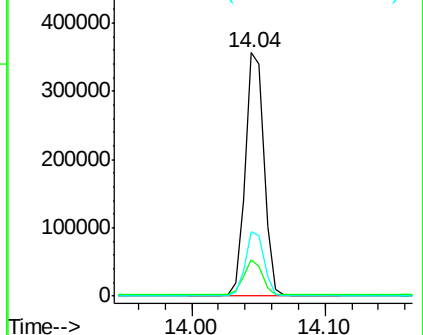


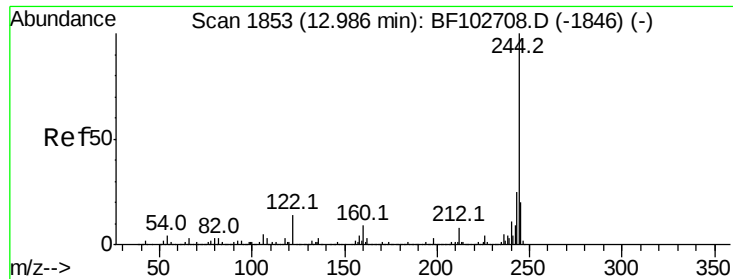
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102738.D
Acq: 5 Feb 2018 15:23

Tgt Ion:240 Resp: 343344
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.2 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: 62.394 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

Instrument :

BNA_F

ClientSampleId :

RO-148-20

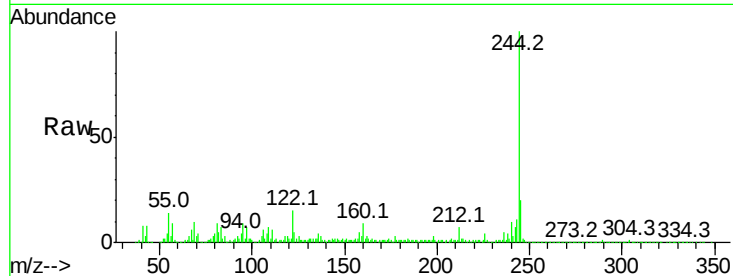
Tot Ion:244 Resp: 904758

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

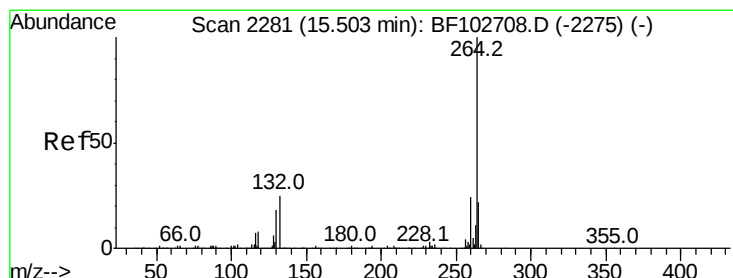
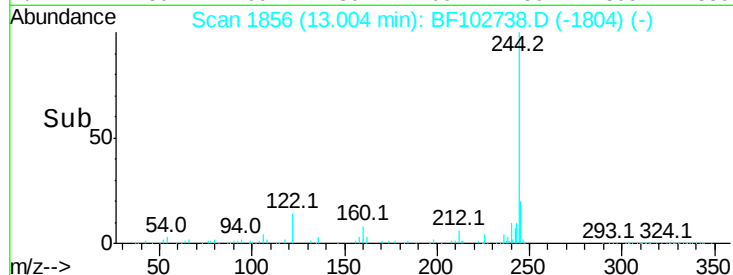
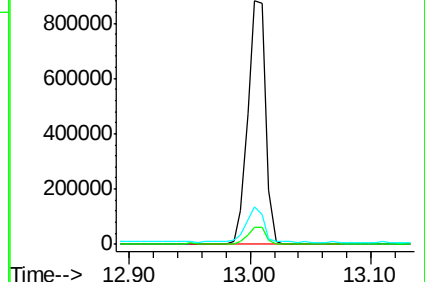
122 15.2 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102738.D

Acq: 5 Feb 2018 15:23

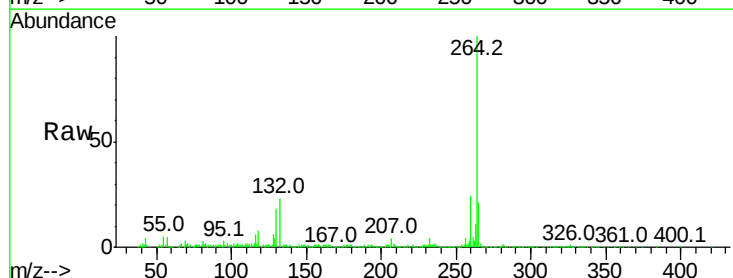
Tgt Ion:264 Resp: 300672

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.0 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

