

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102035.D
 Acq On : 11 Jan 2018 22:47
 Operator : SJ/JU
 Sample : J1071-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS

Quant Time: Jan 12 02:15:32 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

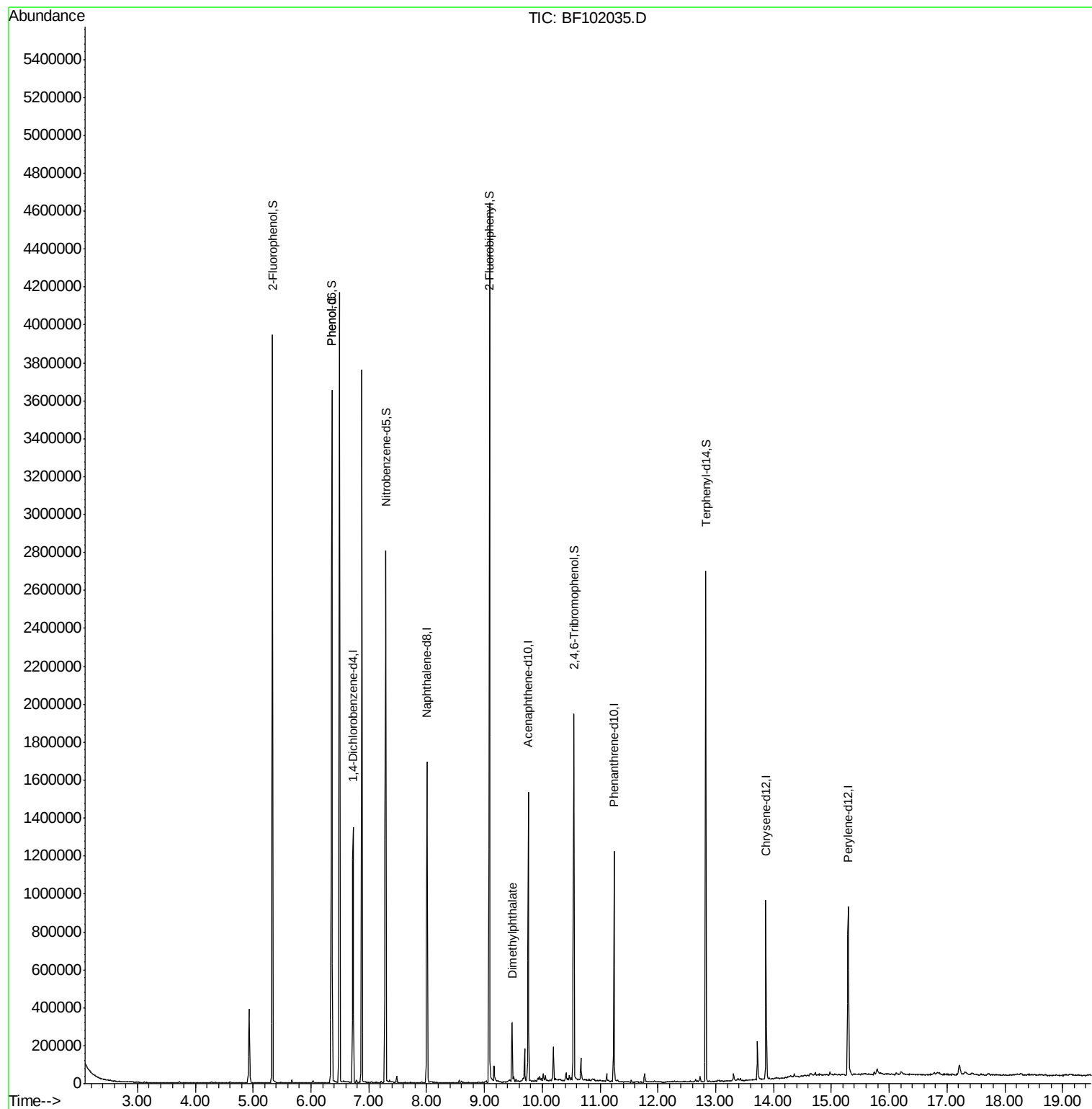
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	189765	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	716859	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	274901	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	375125	20.00	ng	0.00
75) Chrysene-d12	13.87	240	323111	20.00	ng	0.00
86) Perylene-d12	15.29	264	359588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1218323	90.66	ng	0.00
7) Phenol-d6	6.36	99	1417053	88.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	885625	72.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	206833	86.22	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1405552	79.88	ng	0.00
78) Terphenyl-d14	12.83	244	866607	55.69	ng	0.00
Target Compounds						
10) Phenol	6.37	94	57957	3.199	ng	96
49) Dimethylphthalate	9.48	163	121164	5.494	ng	98

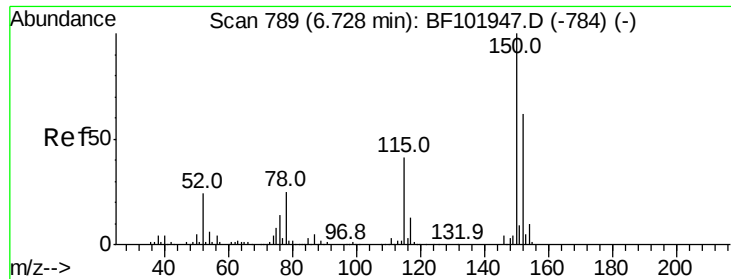
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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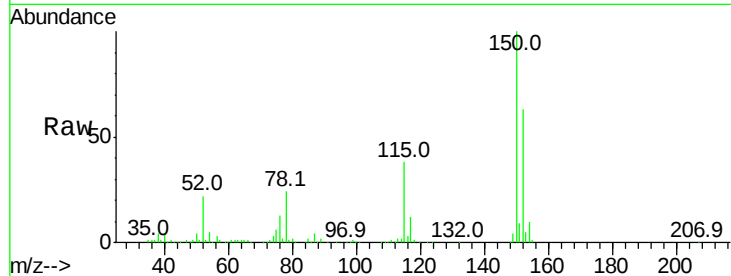


#1

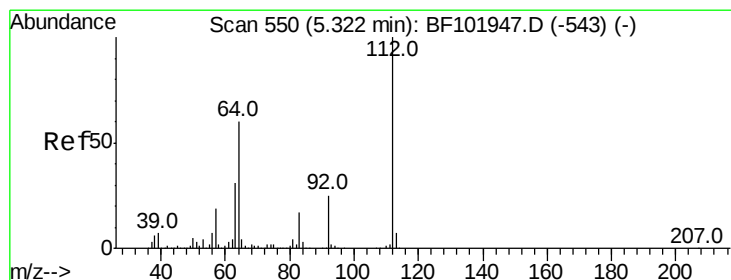
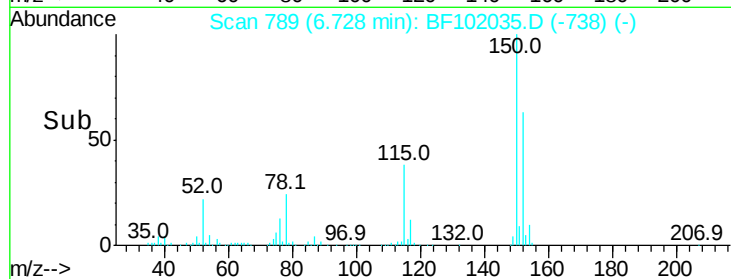
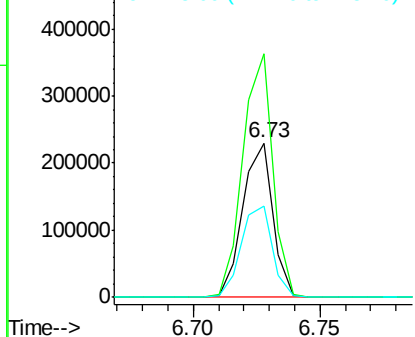
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
NAA-WS

Tot Ion:152 Resp: 189765
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.5 50.1 75.1



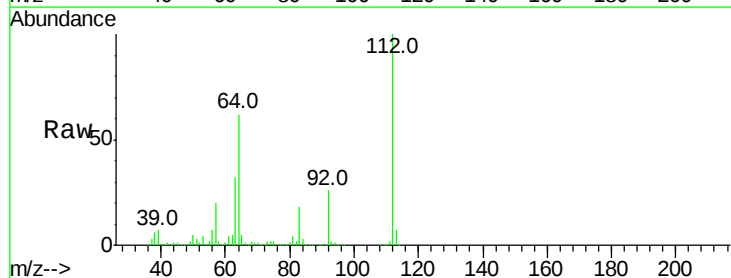
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



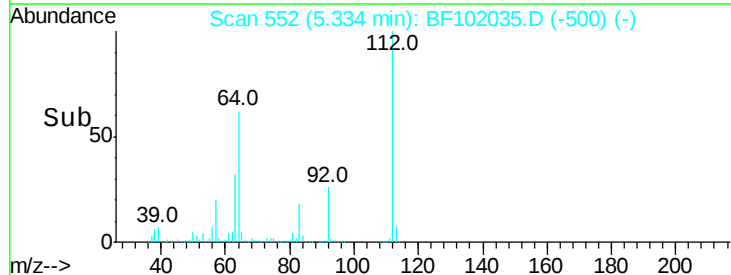
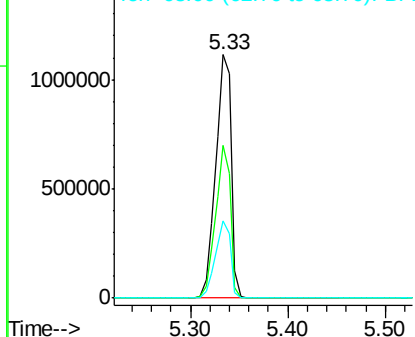
#5

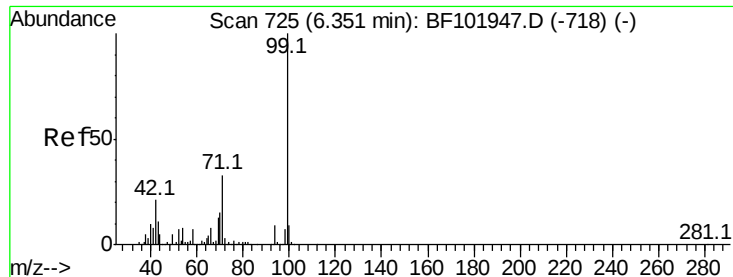
2-Fluorophenol
Concen: 90.658 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Tgt Ion:112 Resp: 1218323
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.7 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: 88.380 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102035.D

Acq: 11 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

NAA-WS

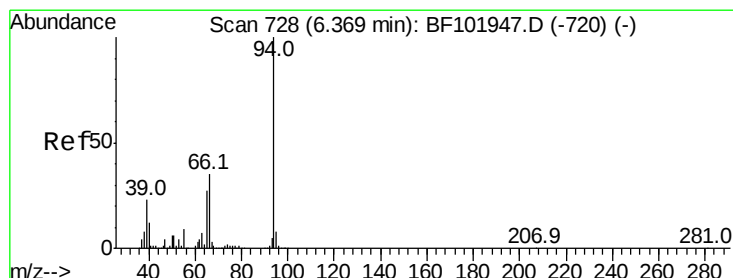
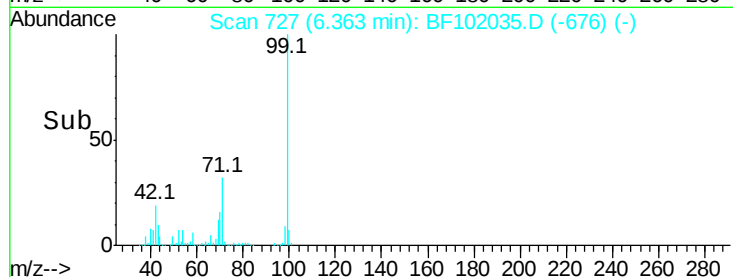
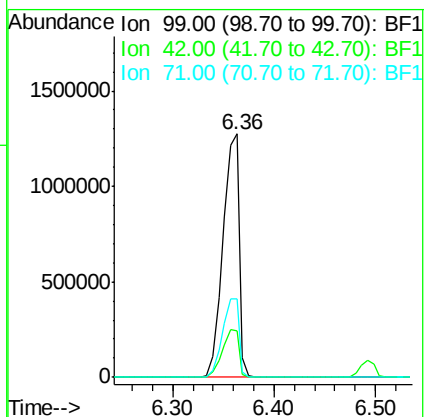
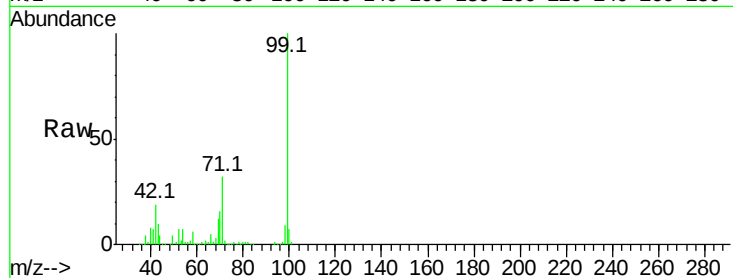
Tot Ion: 99 Resp: 1417053

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 3.199 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102035.D

Acq: 11 Jan 2018 22:47

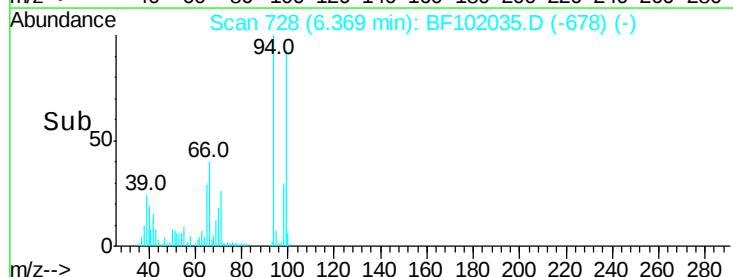
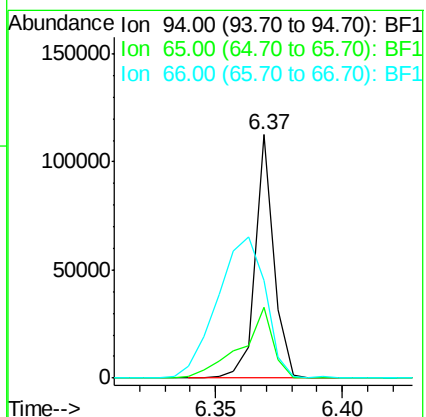
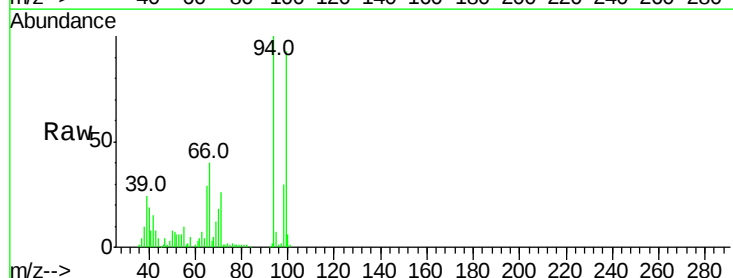
Tgt Ion: 94 Resp: 57957

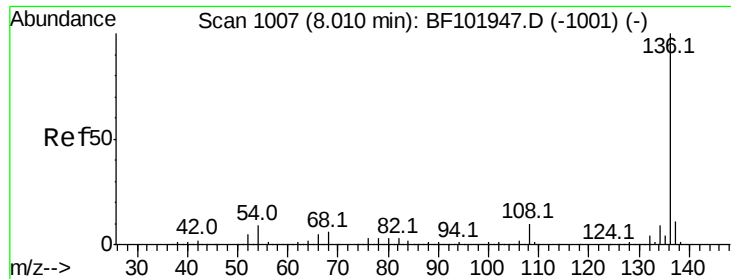
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 39.9 16.2 56.2

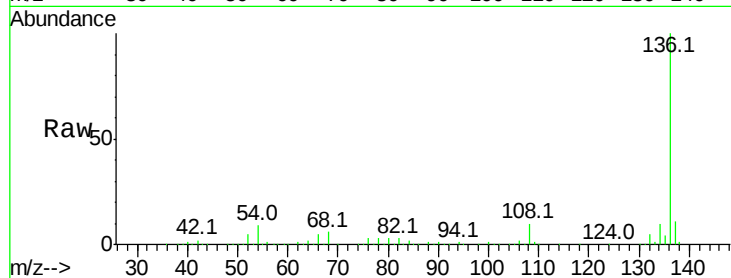




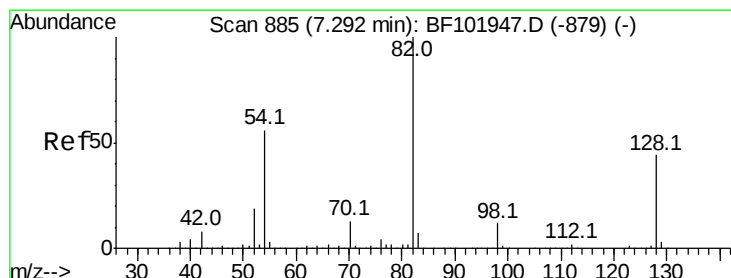
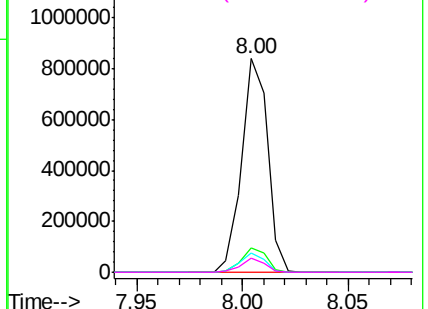
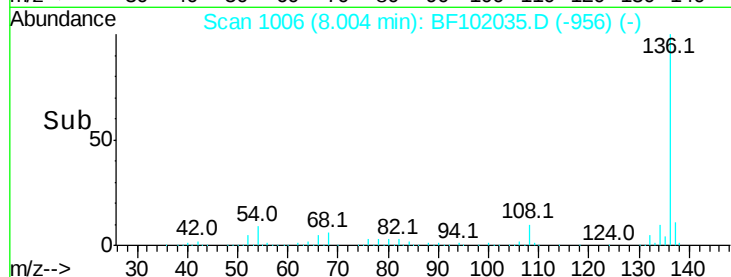
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
NAA-WS

Tot Ion:	136	Resp:	716859
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

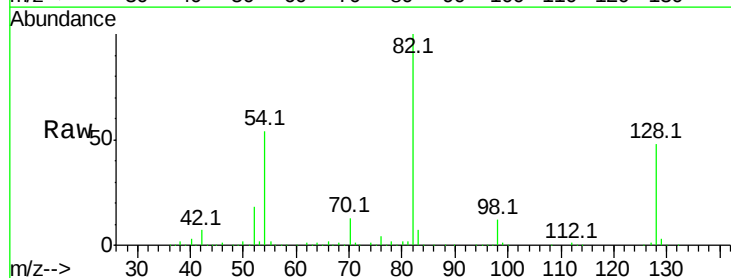


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

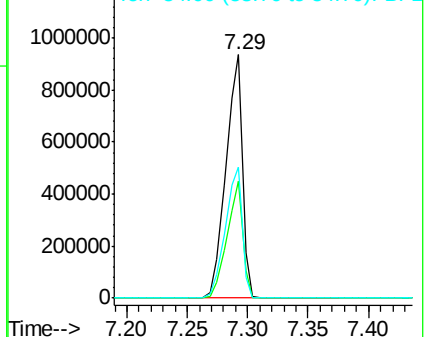
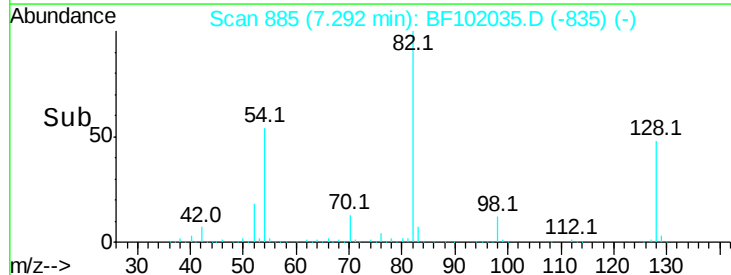


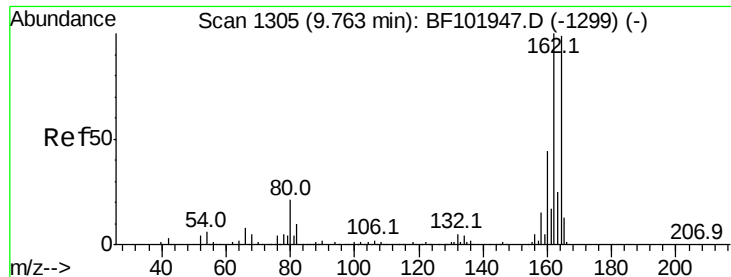
#23
Nitrobenzene-d5
Concen: 72.599 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Tgt Ion:	82	Resp:	885625
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	53.8	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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102035.D

Acq: 11 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

NAA-WS

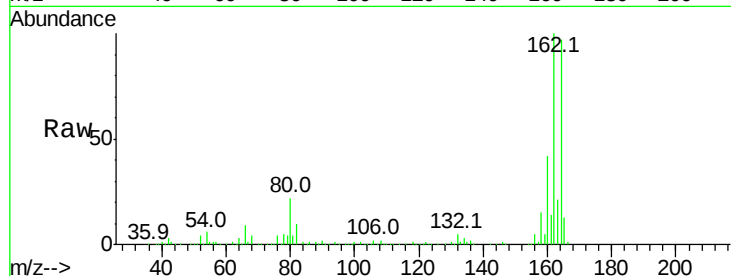
Tot Ion:164 Resp: 274901

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

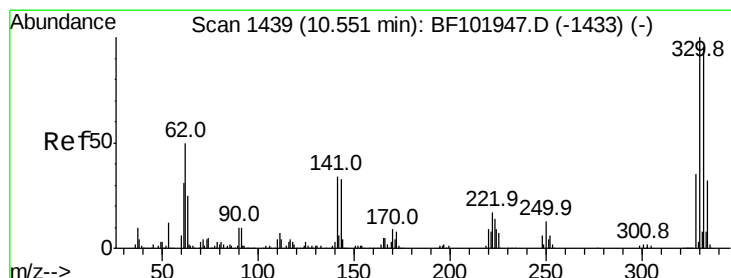
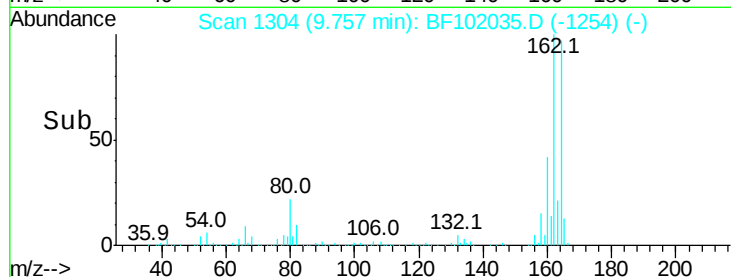
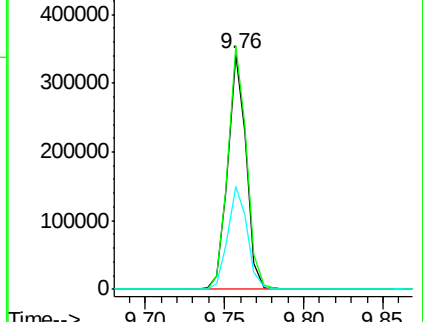
160 43.9 38.3 57.5



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: 86.215 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102035.D

Acq: 11 Jan 2018 22:47

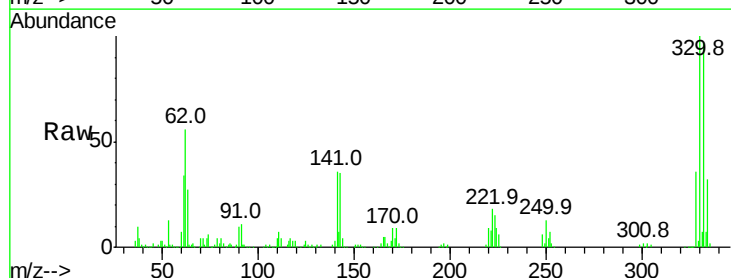
Tgt Ion:330 Resp: 206833

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

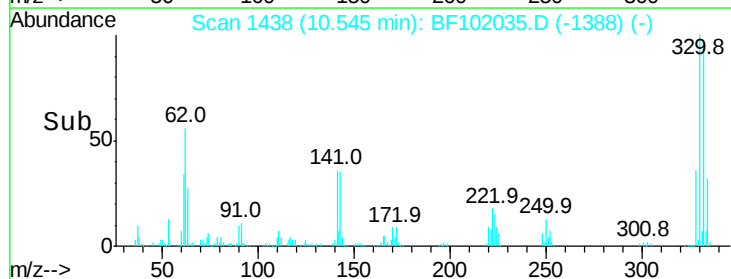
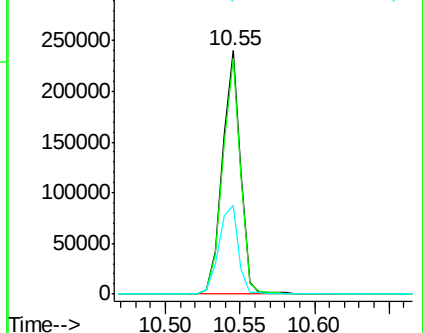
141 38.9 29.9 44.9



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

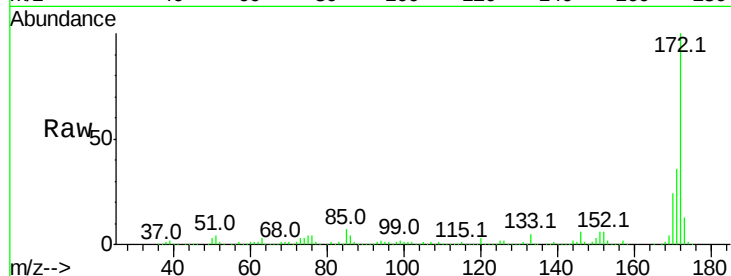




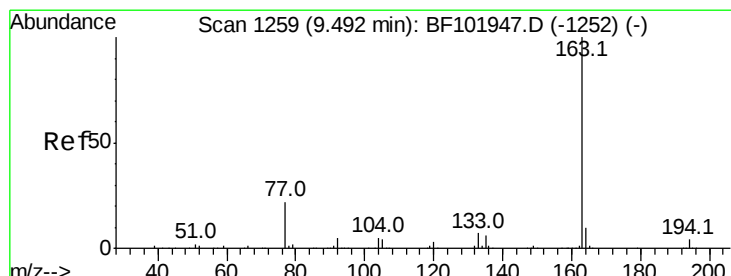
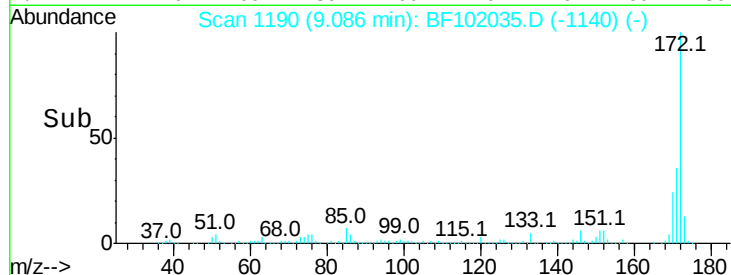
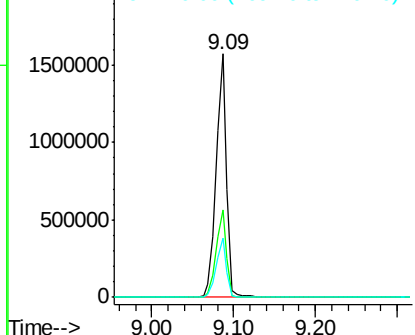
#44
2-Fluorobiphenyl
Concen: 79.878 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :
NAA-WS

Tot Ion:172 Resp: 1405552
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.3 19.6 29.4

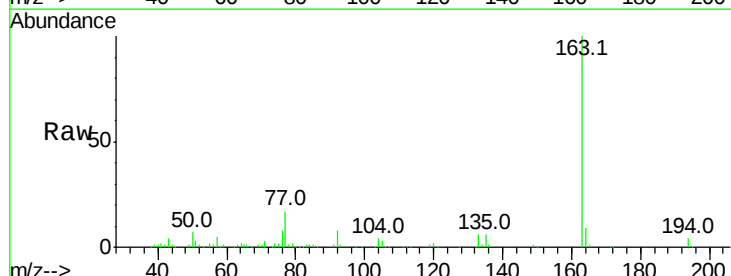


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

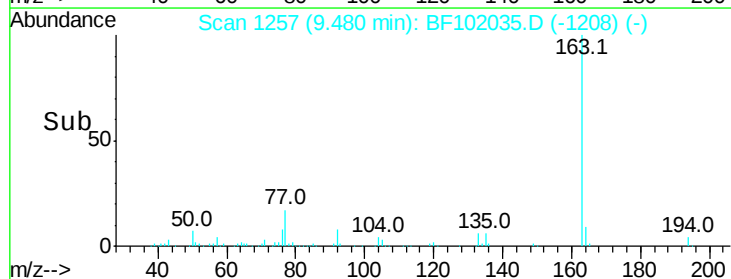
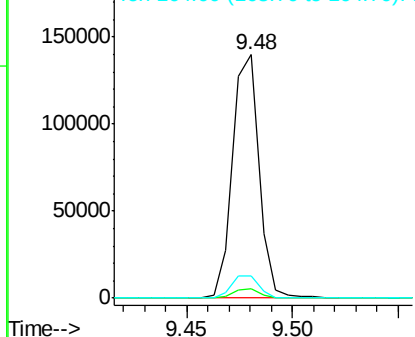


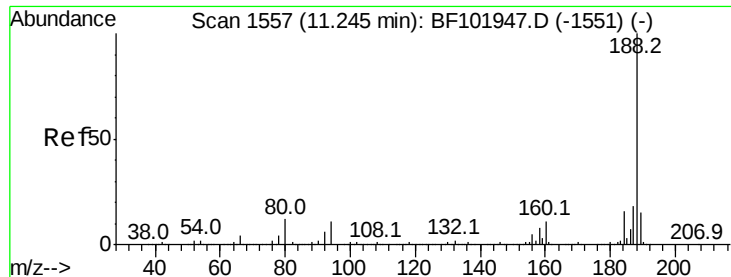
#49
Dimethylphthalate
Concen: 5.494 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Tgt Ion:163 Resp: 121164
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.3 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

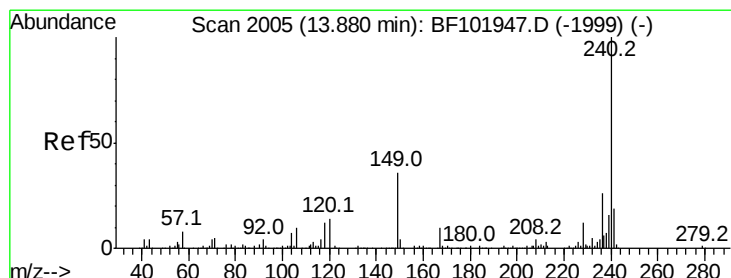
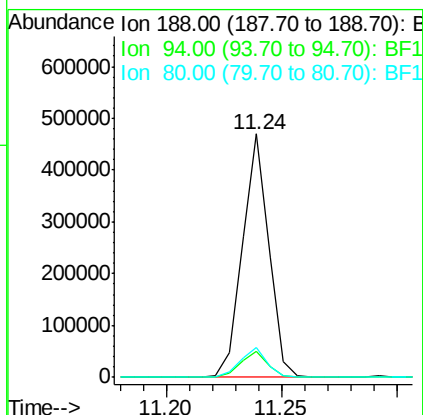
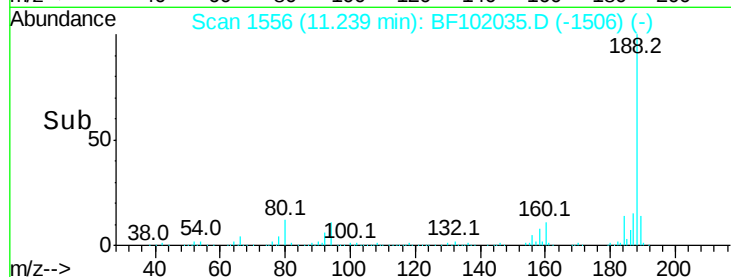
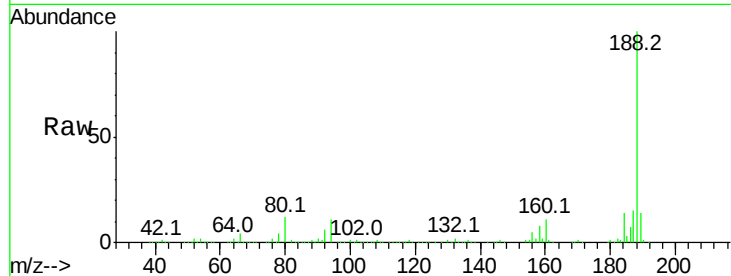




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

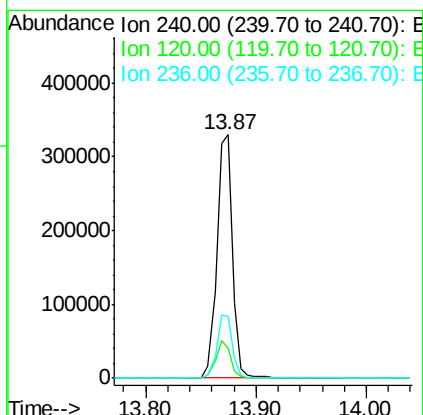
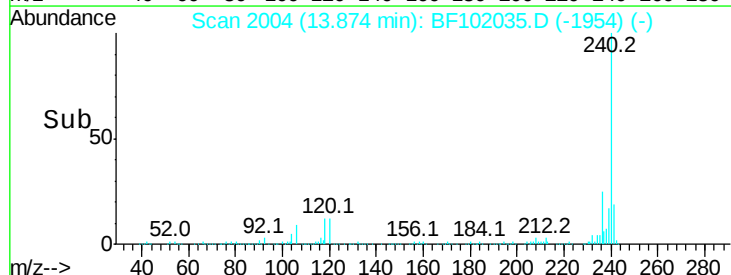
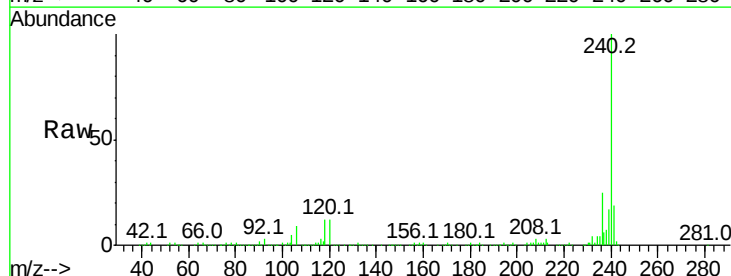
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ClientSampleId :
NAA-WS

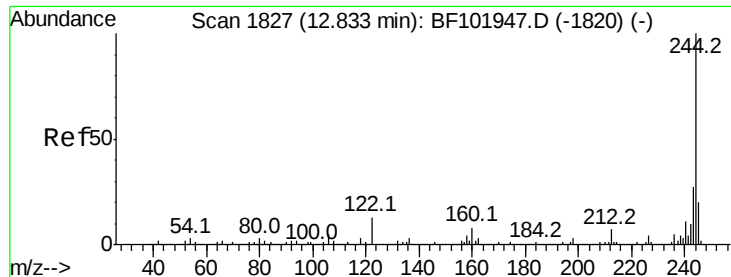
Tot Ion:188 Resp: 375125
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102035.D
Acq: 11 Jan 2018 22:47

Tgt Ion:240 Resp: 323111
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 55.687 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102035.D

Acq: 11 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

NAA-WS

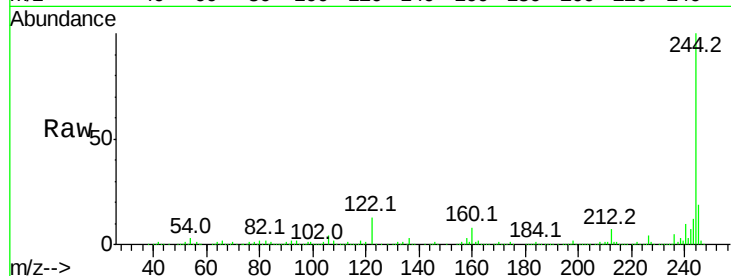
Tot Ion:244 Resp: 866607

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

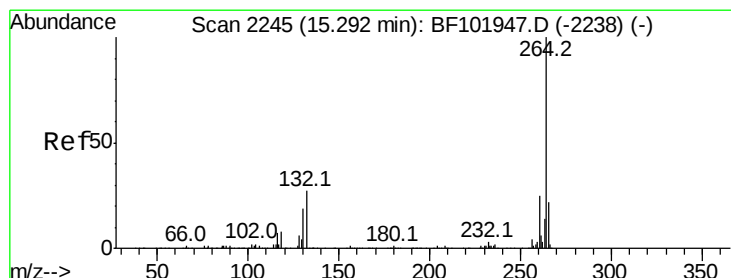
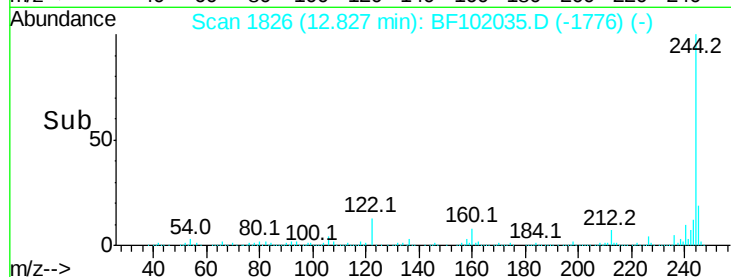
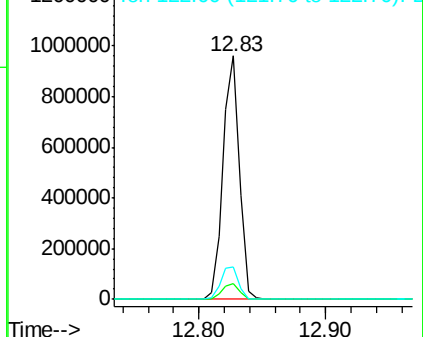
122 13.4 11.0 16.4



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: BF102035.D

Acq: 11 Jan 2018 22:47

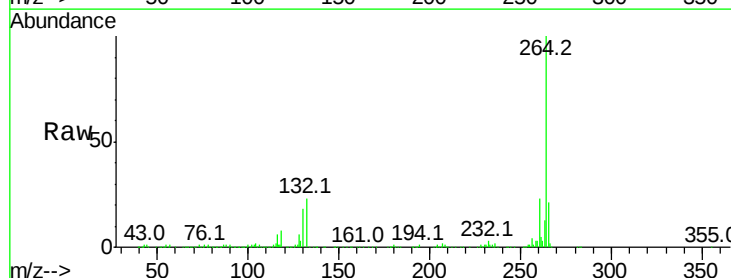
Tgt Ion:264 Resp: 359588

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.2 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

