

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102801.D
 Acq On : 6 Feb 2018 23:52
 Operator : SJ/JU
 Sample : J1459-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Feb 07 02:11:46 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

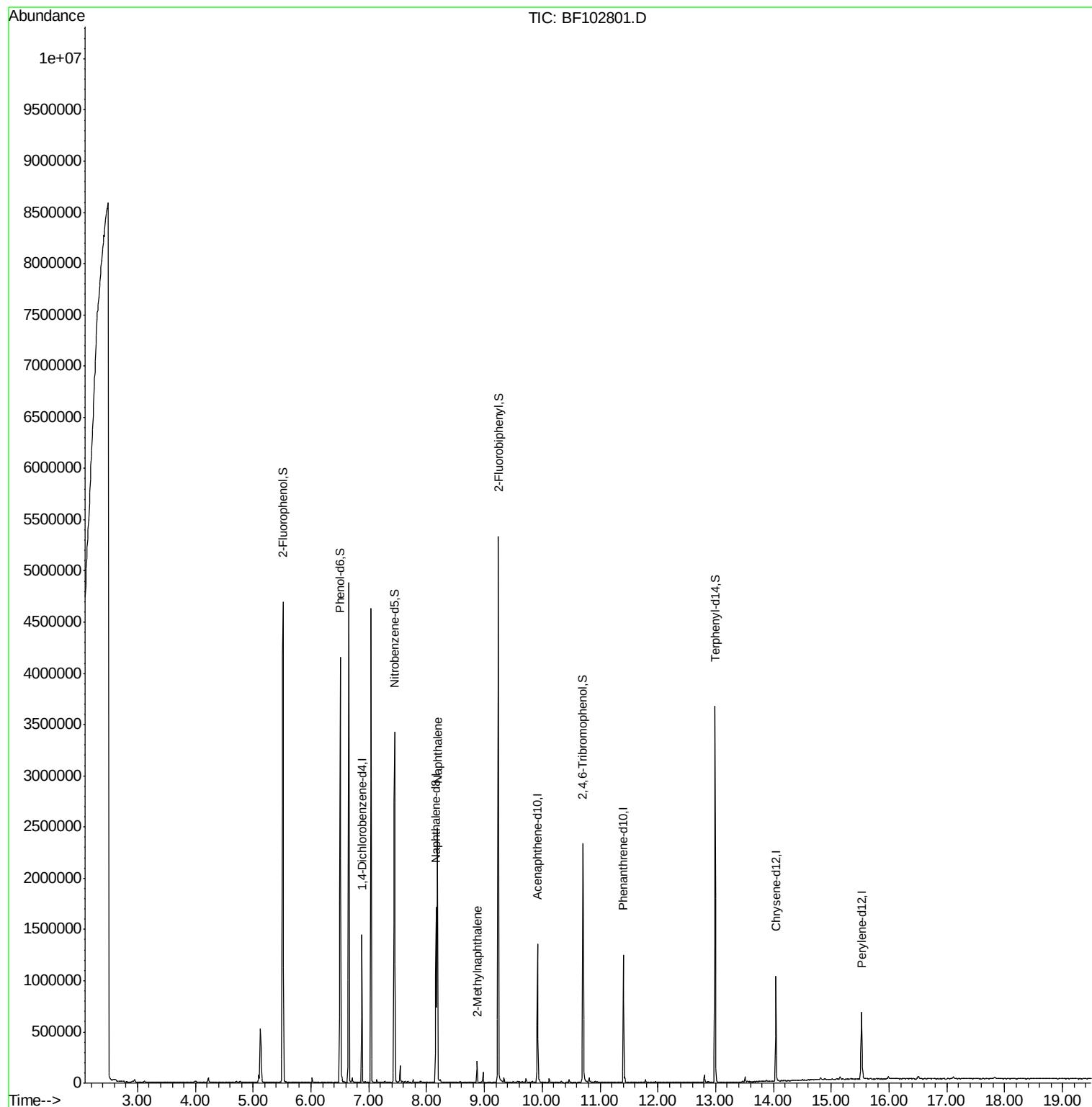
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184222	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	741590	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	293117	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	406261	20.00	ng	0.00
75) Chrysene-d12	14.04	240	329537	20.00	ng	-0.01
86) Perylene-d12	15.52	264	298903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1395734	115.06	ng	0.02
7) Phenol-d6	6.51	99	1479632	101.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	1104527	103.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	297178	125.96	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1862092	105.41	ng	0.00
78) Terphenyl-d14	12.99	244	1268629	91.15	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	1020974	28.178	ng	99
37) 2-Methylnaphthalene	8.87	142	53203	2.243	ng	97

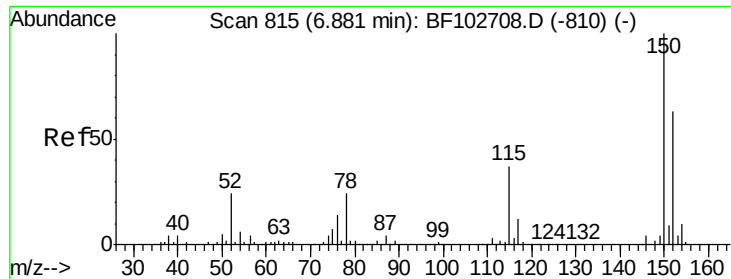
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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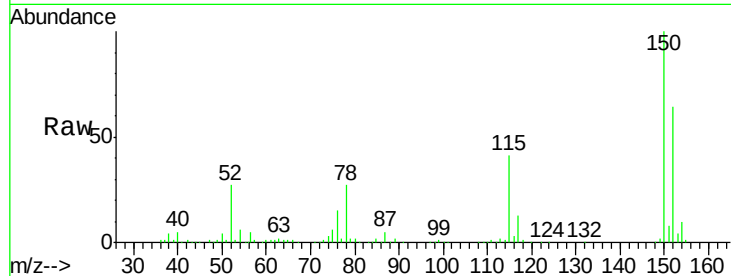


#1

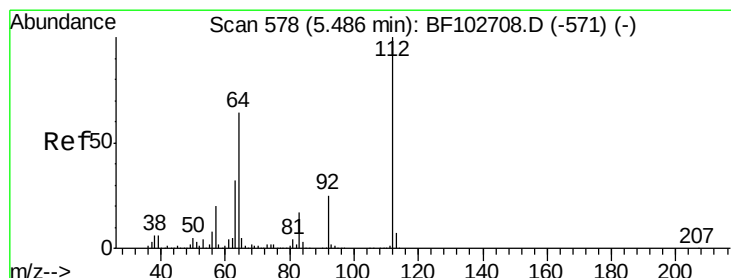
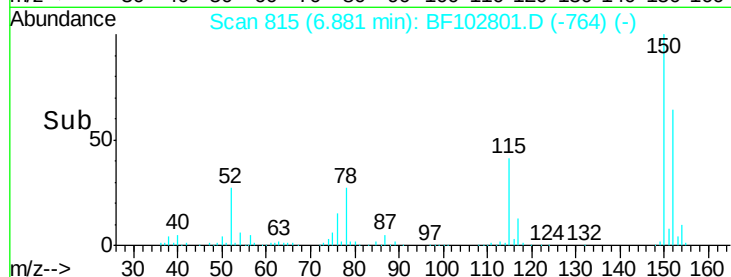
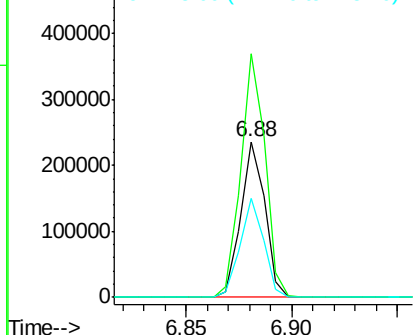
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Instrument :
BNA_F
ClientSampled :
TP-B

Tot Ion:152 Resp: 184222
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 64.0 50.1 75.1



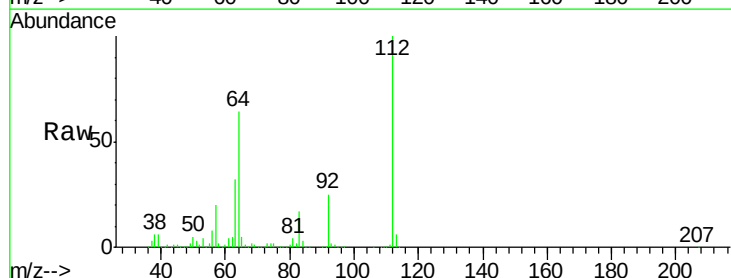
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



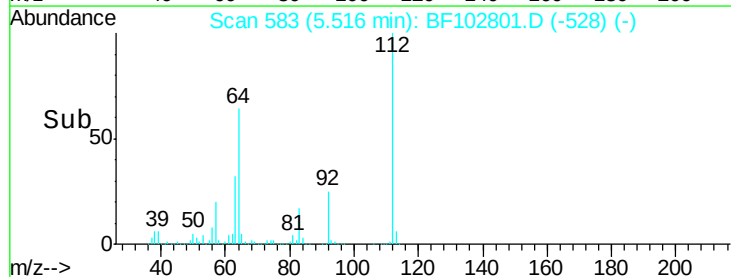
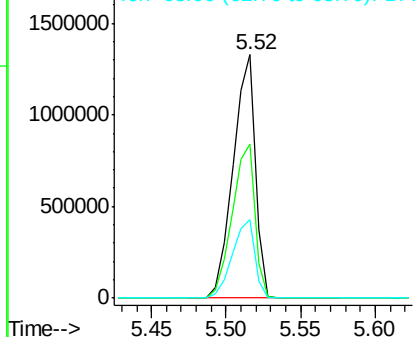
#5

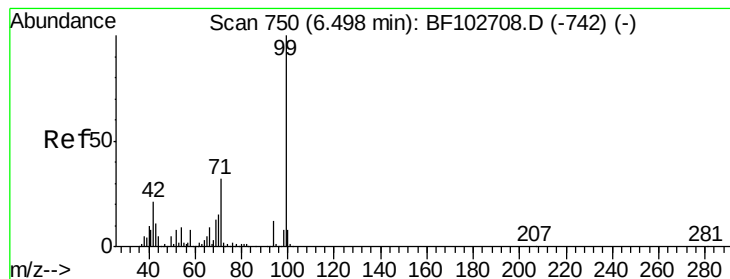
2-Fluorophenol
Concen: 115.060 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:112 Resp: 1395734
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.3 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: 101.303 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102801.D

Acq: 6 Feb 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-B

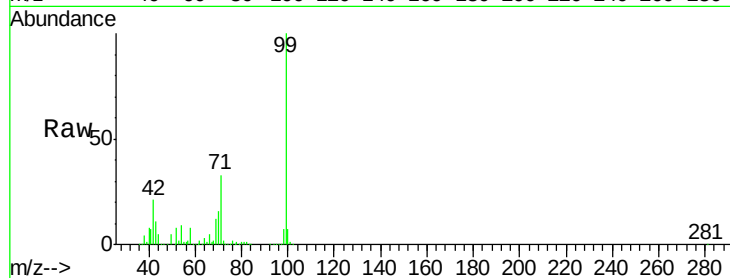
Tot Ion: 99 Resp: 1479632

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

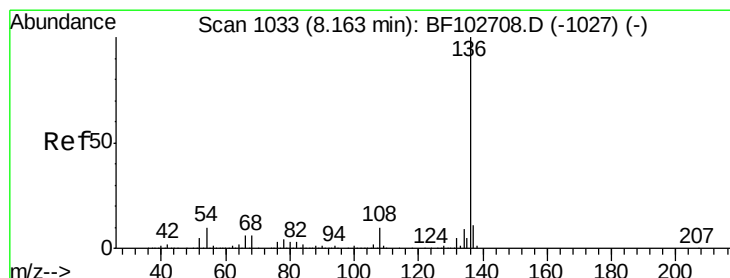
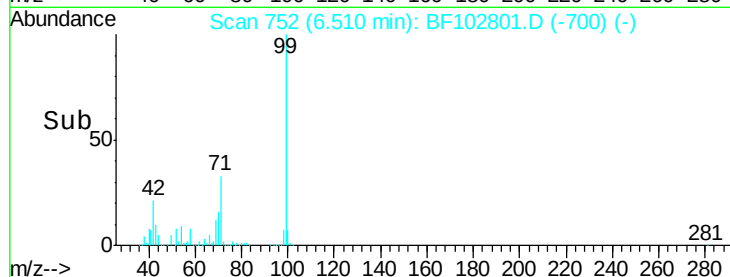
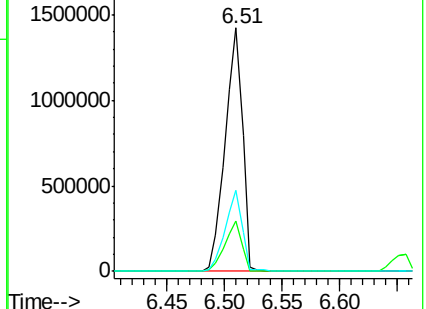
71 33.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102801.D

Acq: 6 Feb 2018 23:52

Tgt Ion: 136 Resp: 741590

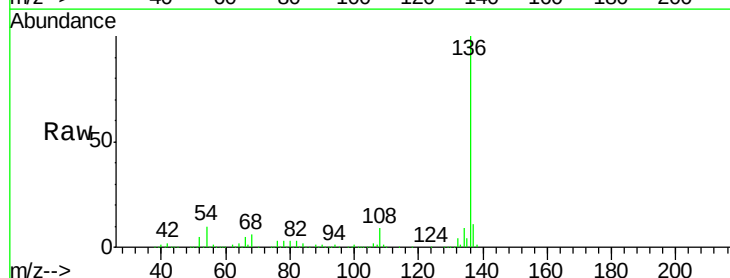
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.3 5.0 7.4

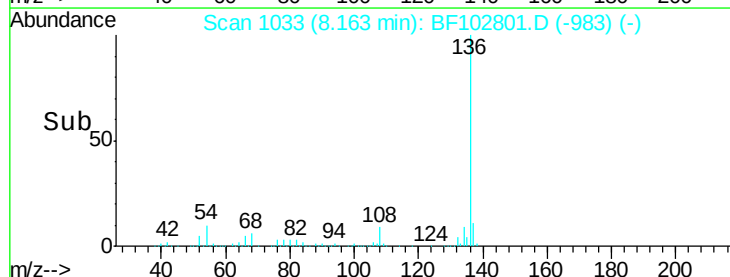
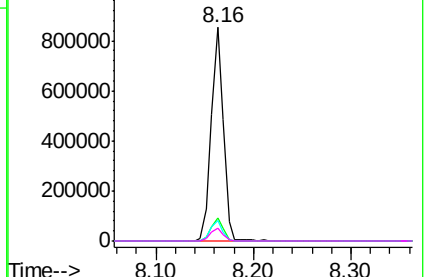


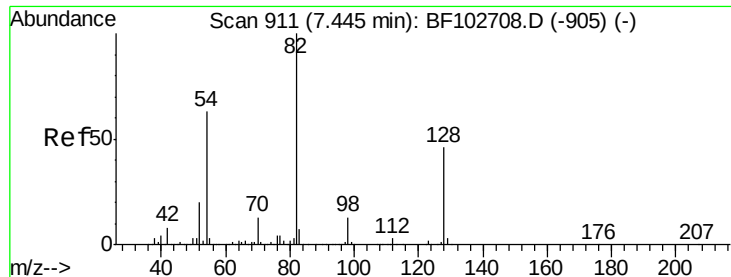
Abundance Ion 136.00 (135.70 to 136.70): E

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

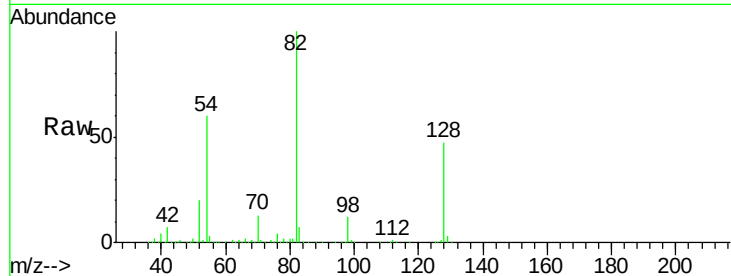




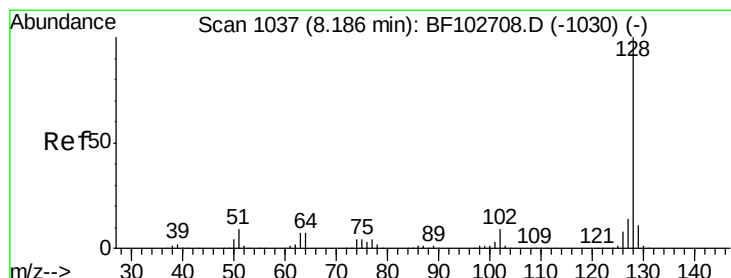
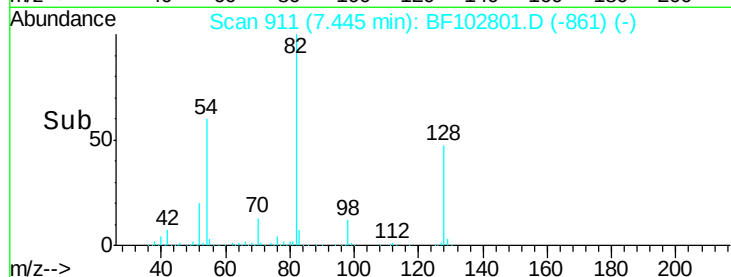
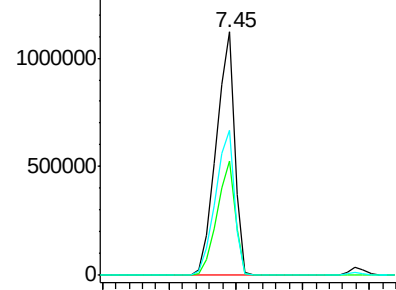
#23
Nitrobenzene-d5
Concen: 103.321 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Instrument :
BNA_F
ClientSampled :
TP-B

Tot Ion: 82 Resp: 1104527
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 59.7 41.4 62.2

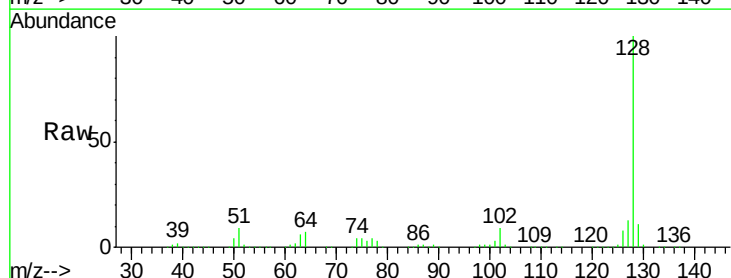


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

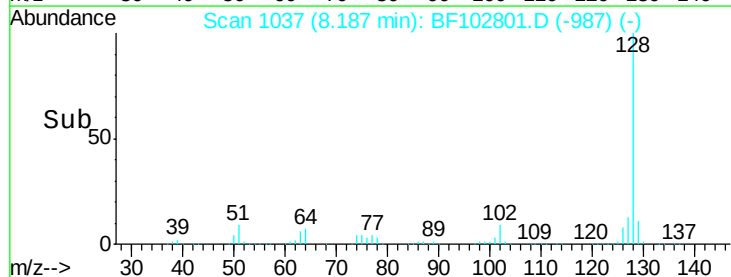
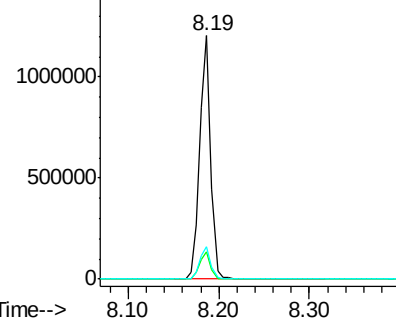


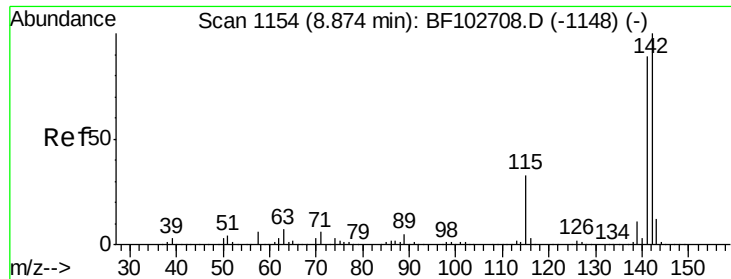
#31
Naphthalene
Concen: 28.178 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:128 Resp: 1020974
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

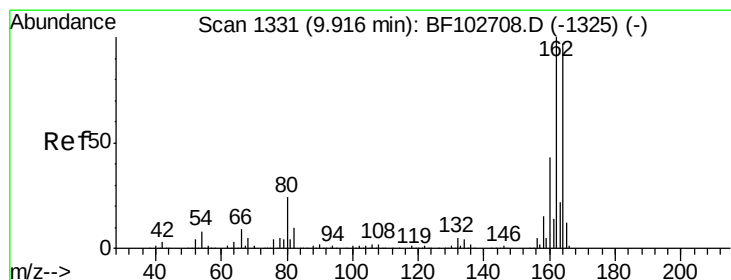
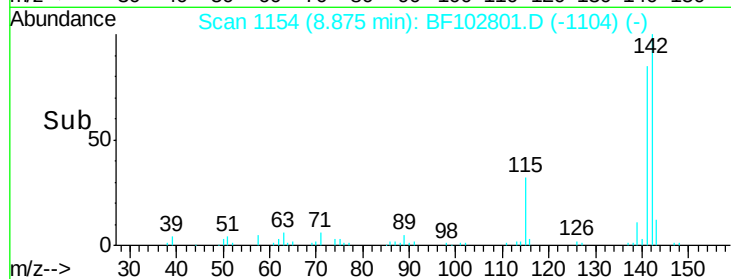
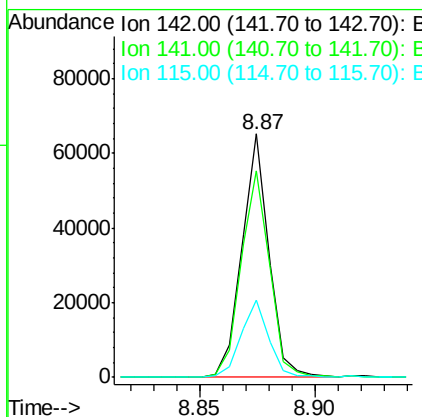
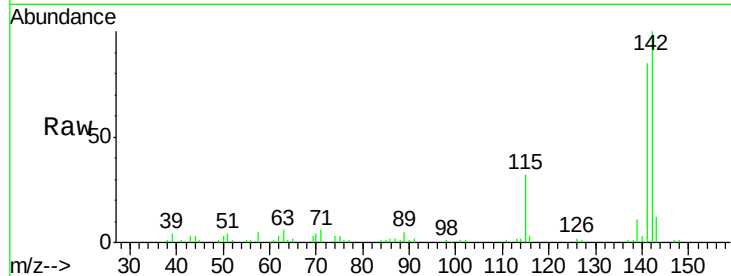




#37
2-Methylnaphthalene
Concen: 2.243 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

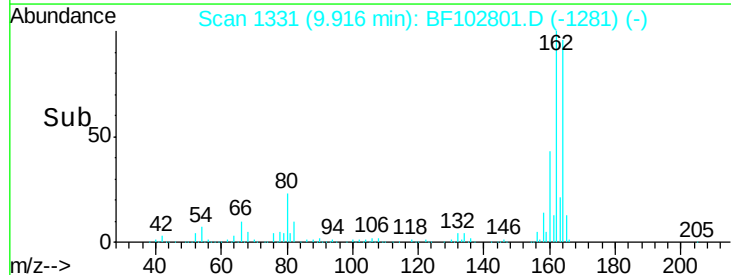
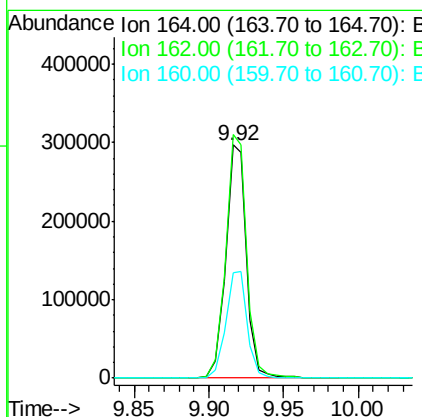
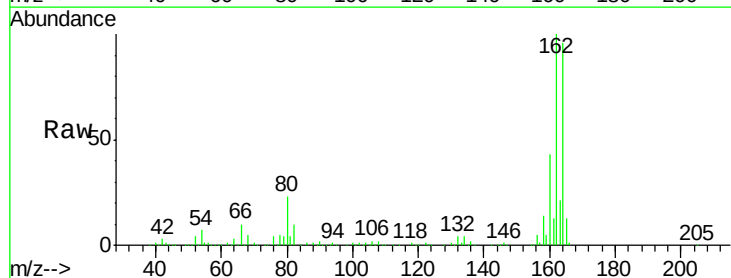
Instrument :
BNA_F
ClientSampleId :
TP-B

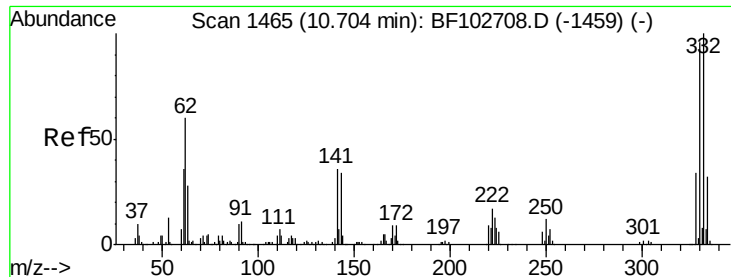
Tot Ion:142 Resp: 53203
Ion Ratio Lower Upper
142 100
141 84.9 70.8 106.2
115 31.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:164 Resp: 293117
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 125.963 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF102801.D

Acq: 6 Feb 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-B

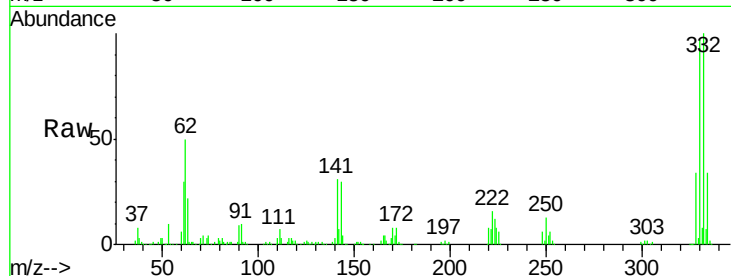
Tot Ion:330 Resp: 297178

Ion Ratio Lower Upper

330 100

332 101.7 77.0 115.6

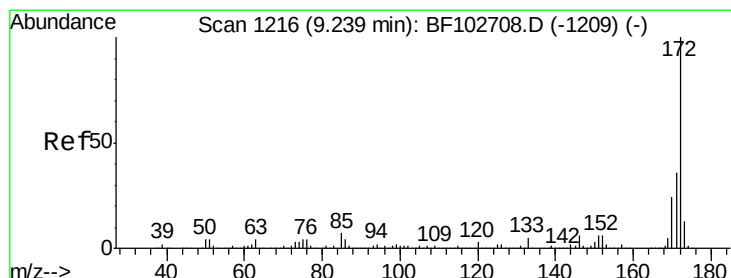
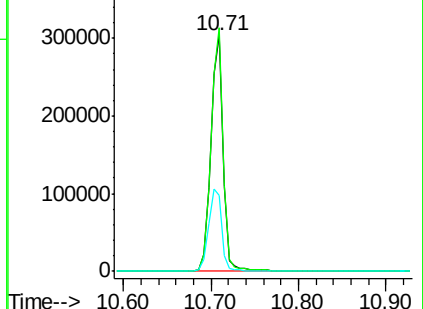
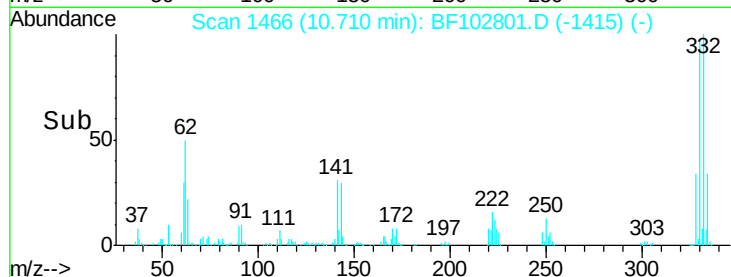
141 37.6 29.9 44.9



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: 105.414 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102801.D

Acq: 6 Feb 2018 23:52

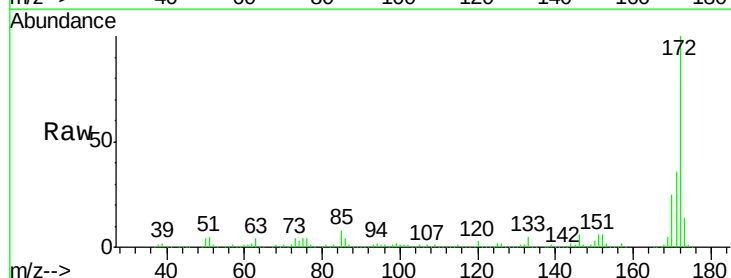
Tgt Ion:172 Resp: 1862092

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

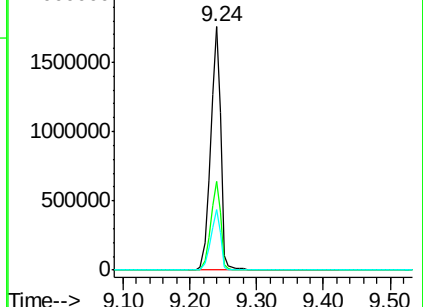
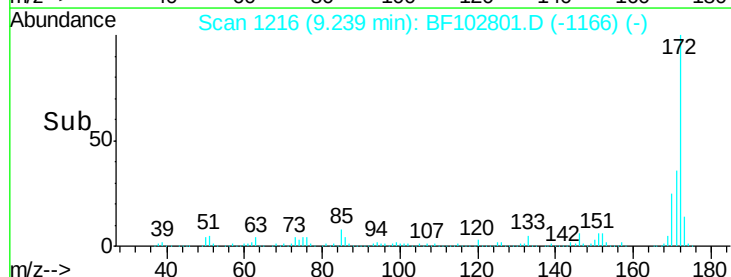
170 24.7 19.6 29.4

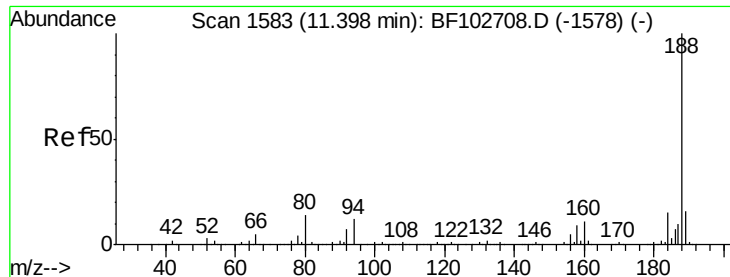


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

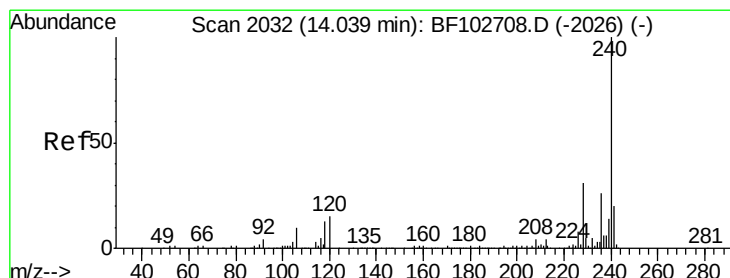
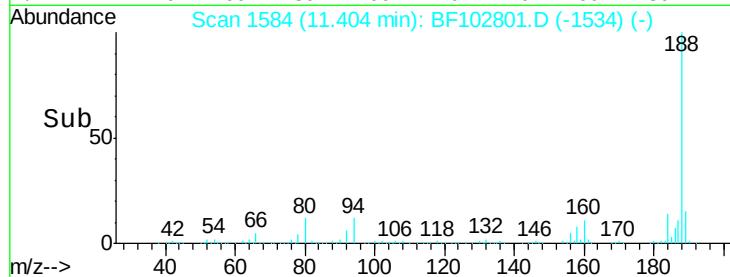
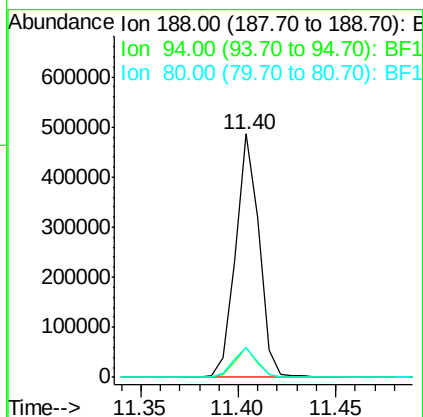
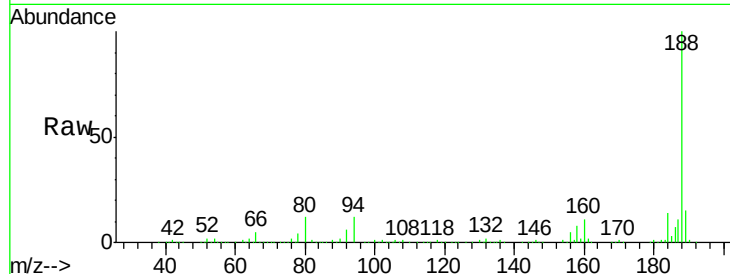




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

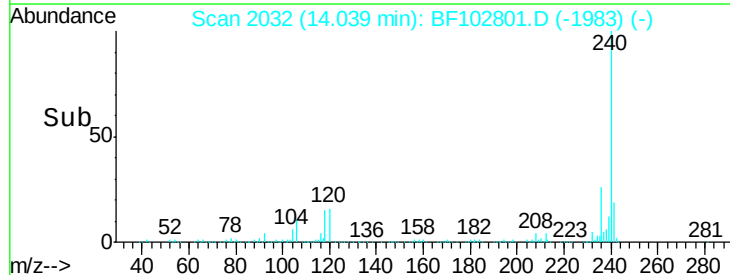
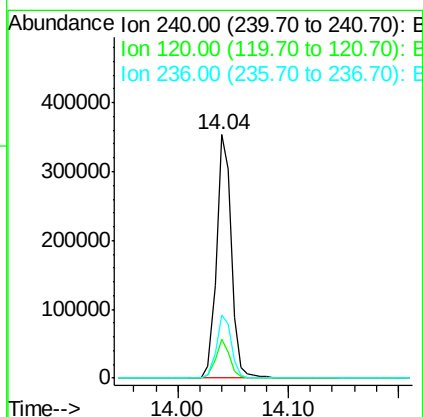
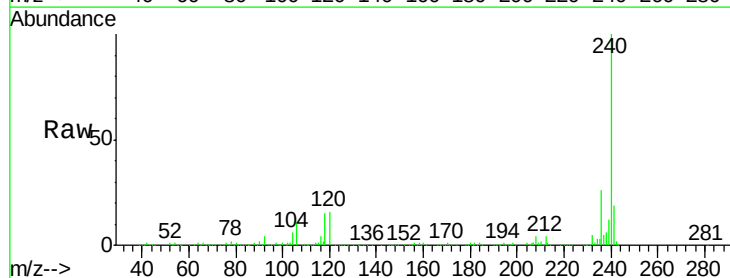
Instrument :
BNA_F
ClientSampleId :
TP-B

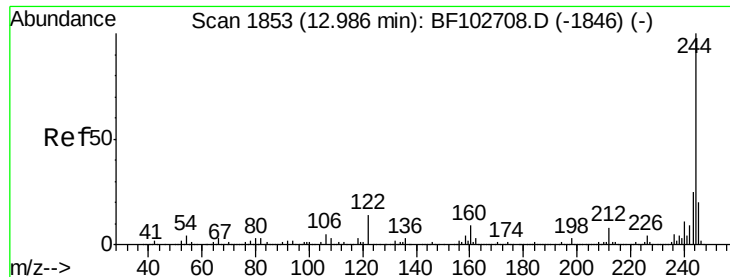
Tot Ion:188 Resp: 406261
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:240 Resp: 329537
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 91.153 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102801.D

Acq: 6 Feb 2018 23:52

Instrument :

BNA_F

ClientSampleId :

TP-B

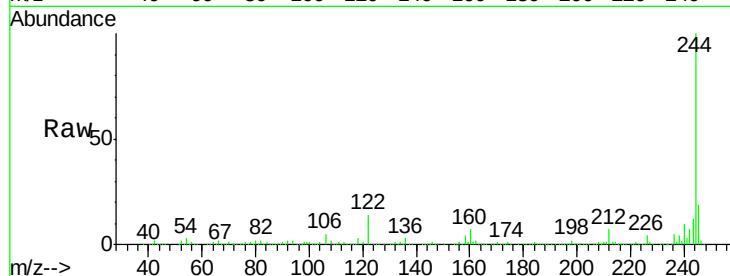
Tot Ion:244 Resp: 1268629

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

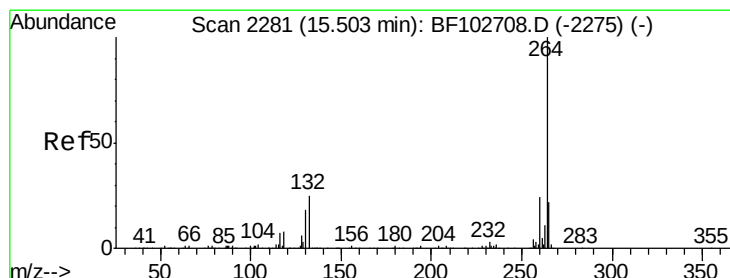
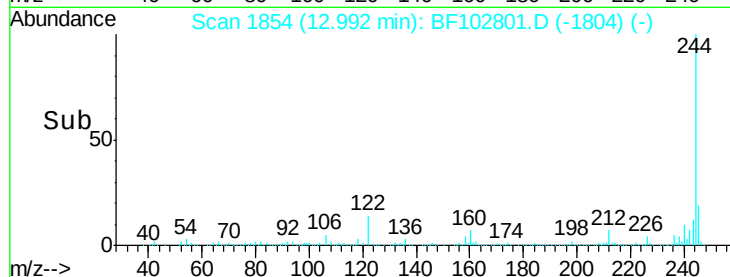
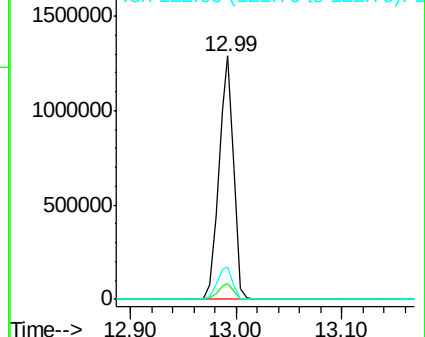
122 13.5 11.0 16.4



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: BF102801.D

Acq: 6 Feb 2018 23:52

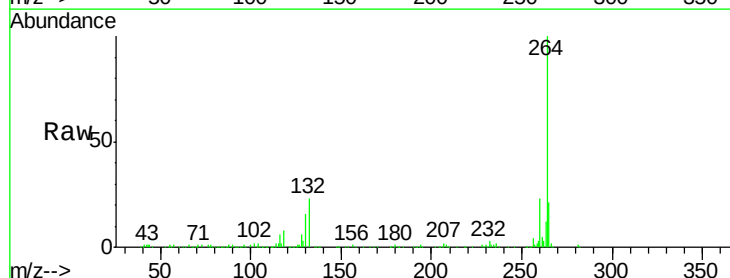
Tgt Ion:264 Resp: 298903

Ion Ratio Lower Upper

264 100

260 23.4 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

