

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101902.D
 Acq On : 4 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1012-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:55:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

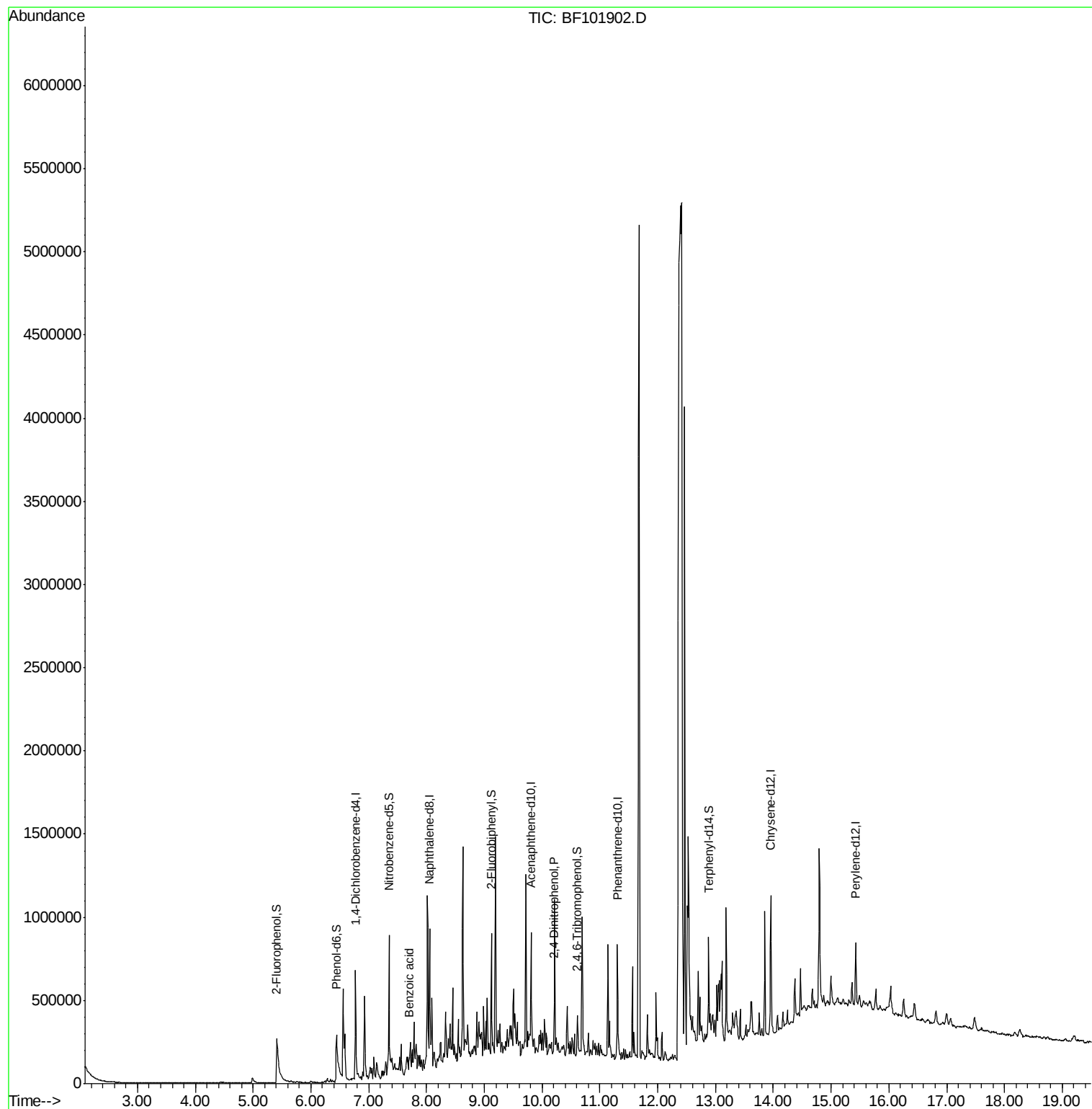
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117087	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	420441	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	149644	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	263232	20.00	ng	0.00
75) Chrysene-d12	13.96	240	281967	20.00	ng	0.00
86) Perylene-d12	15.43	264	200285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	210944	26.84	ng	0.02
7) Phenol-d6	6.44	99	249105	25.46	ng	0.02
23) Nitrobenzene-d5	7.35	82	147042	19.47	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	28897	20.04	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	221815	22.99	ng	0.00
78) Terphenyl-d14	12.89	244	205670	17.58	ng	0.00
Target Compounds						
32) Benzoic acid	7.69	122	151	7.991	ng	# 1
53) 2,4-Dinitrophenol	10.20	184	148	10.472	ng	# 40

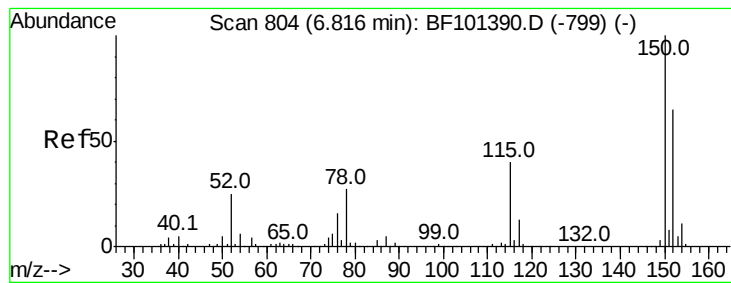
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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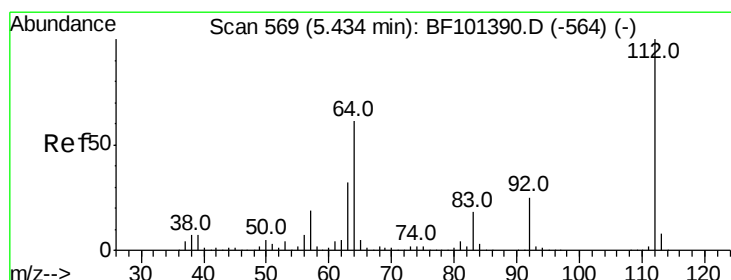
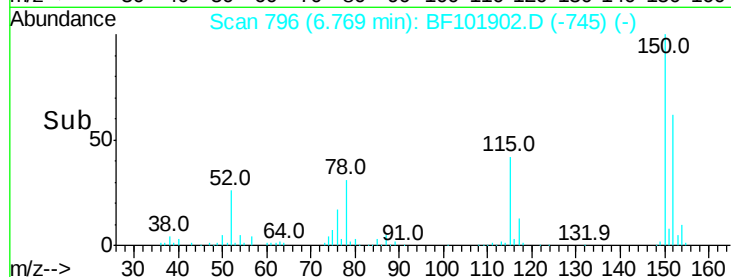
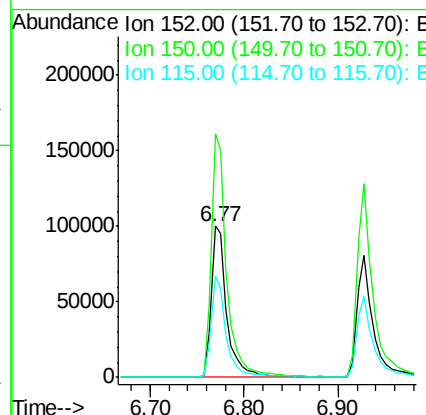
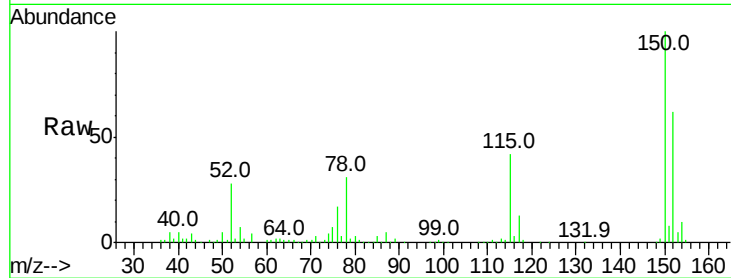


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

Instrument :
BNA_F
ClientSampled :

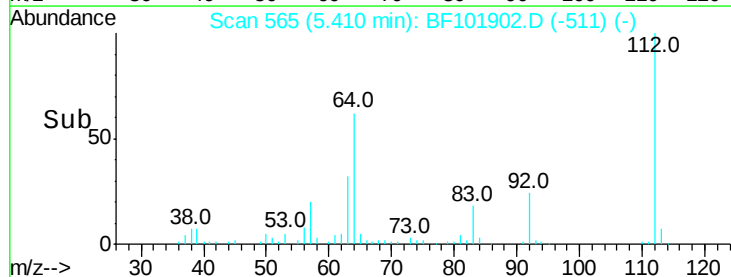
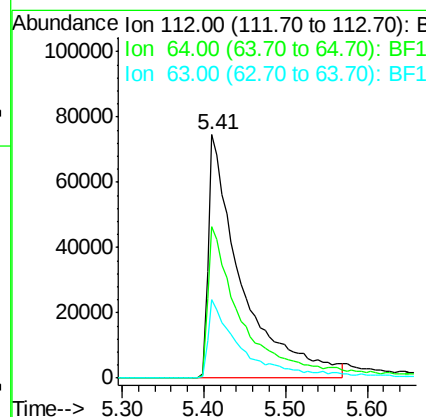
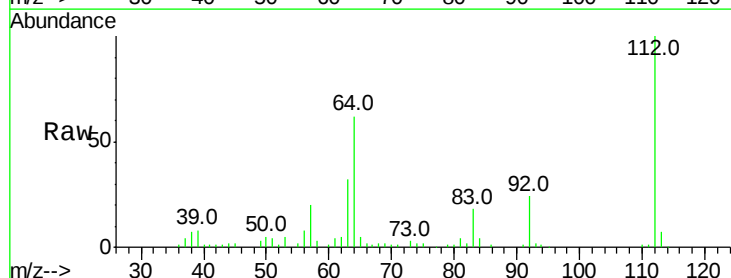
Tot Ion:152 Resp: 117087
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 67.1 50.1 75.1

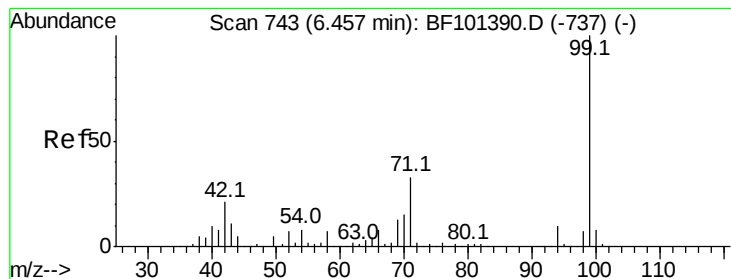


#5

2-Fluorophenol
Concen: 26.836 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

Tgt Ion:112 Resp: 210944
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 25.464 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

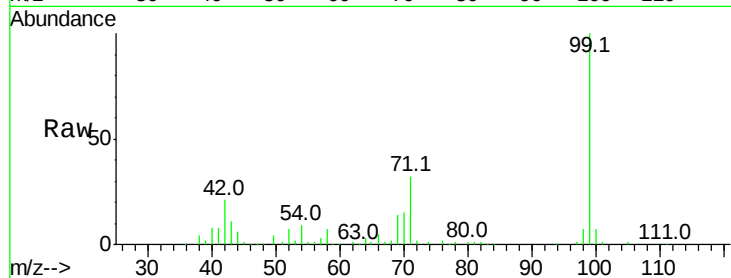
Tot Ion: 99 Resp: 249105

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

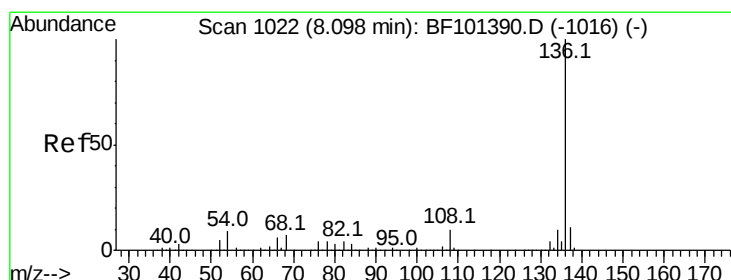
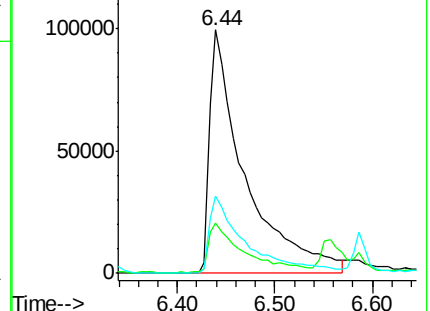
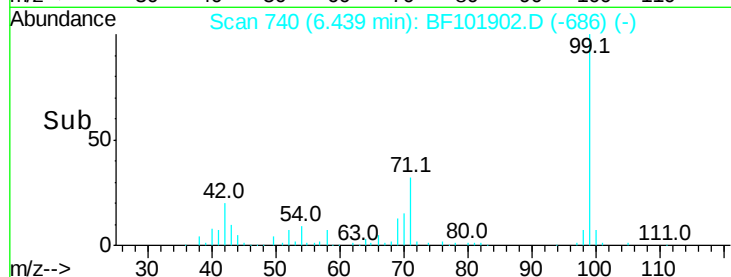
71 31.8 25.4 38.0



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: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Tgt Ion: 136 Resp: 420441

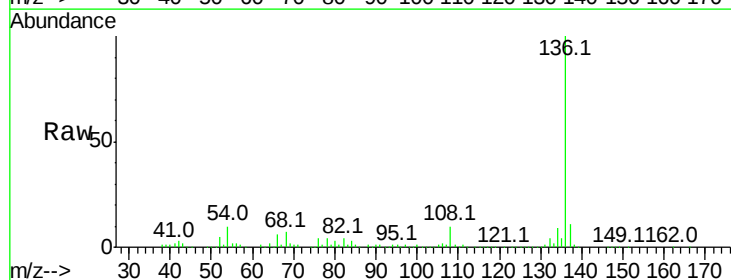
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 7.1 5.0 7.4

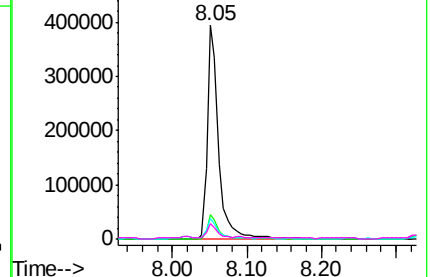
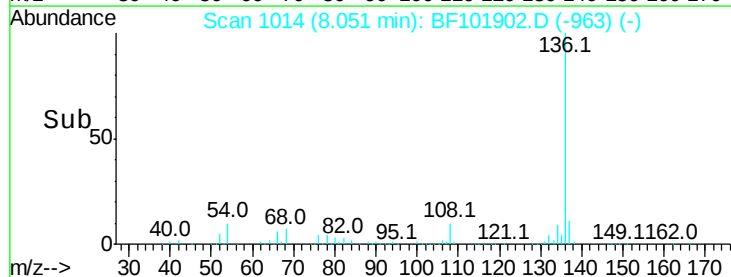


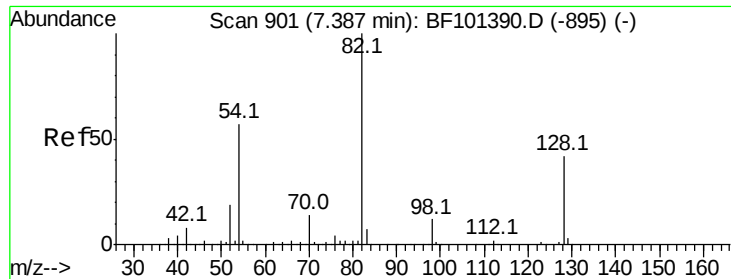
Abundance Ion 136.00 (135.70 to 136.70): E

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

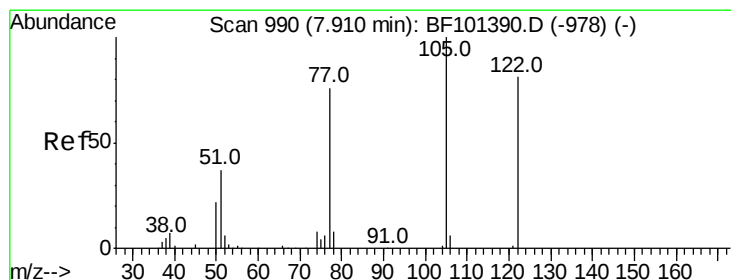
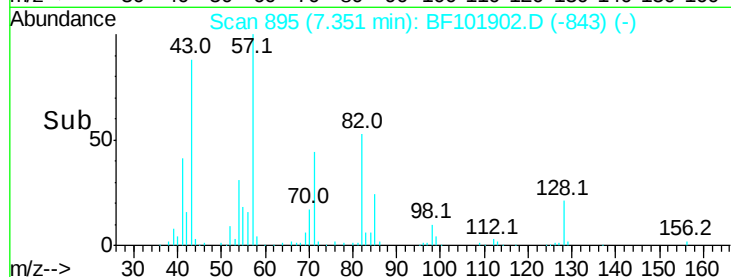
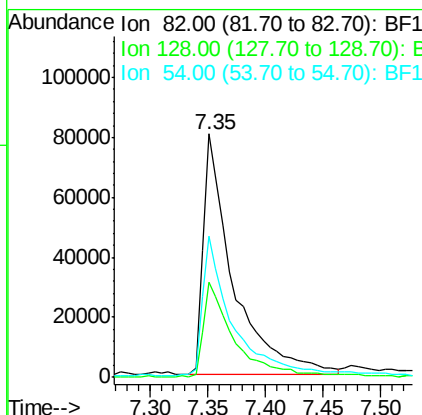
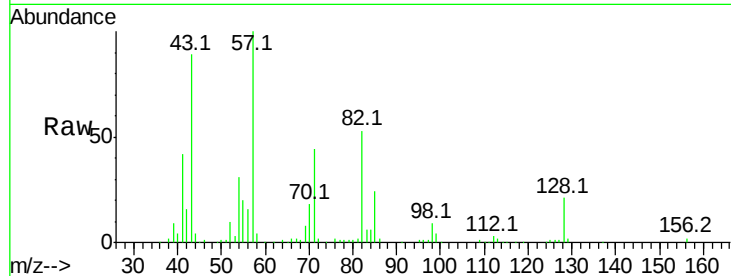




#23
Nitrobenzene-d5
Concen: 19.468 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

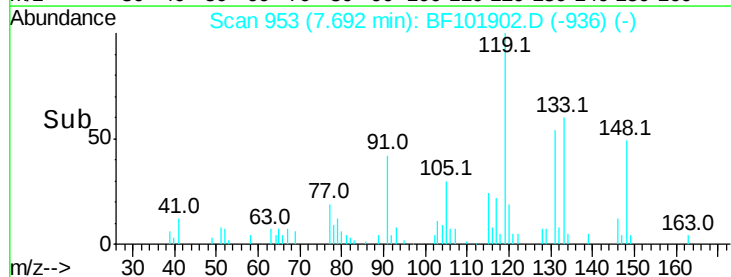
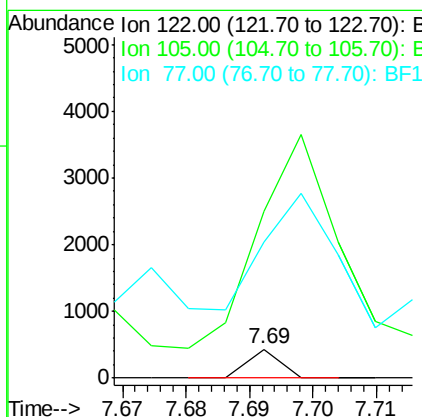
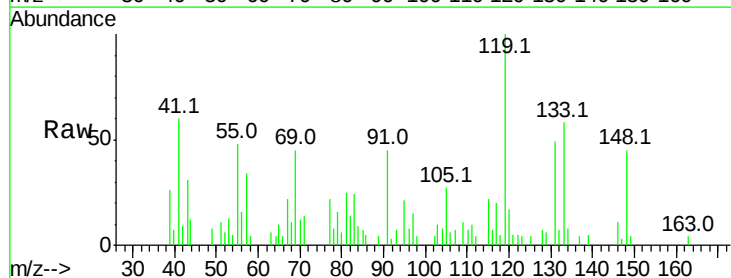
Instrument :
BNA_F
ClientSampleId :

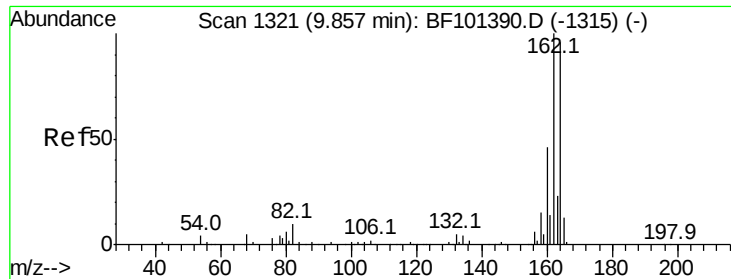
Tot Ion: 82 Resp: 147042
Ion Ratio Lower Upper
82 100
128 39.1 36.1 54.1
54 58.0 41.4 62.2



#32
Benzoic acid
Concen: 7.991 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.20 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 583.2 101.1 141.1#
77 475.8 70.7 110.7#

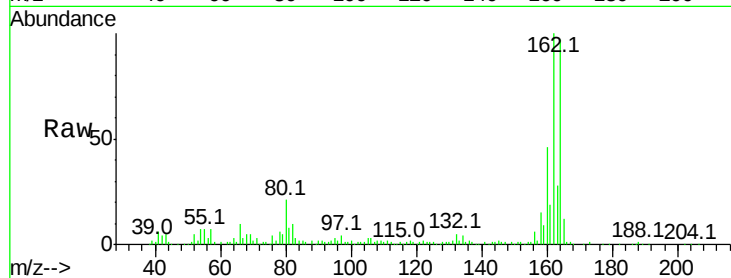




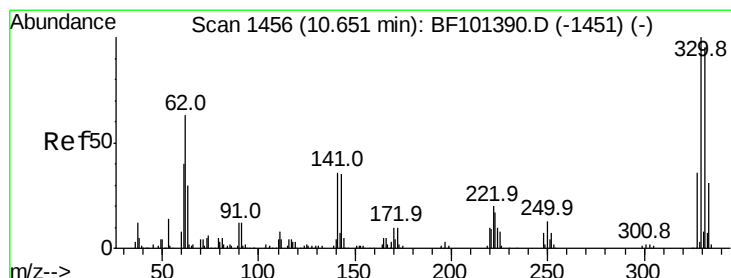
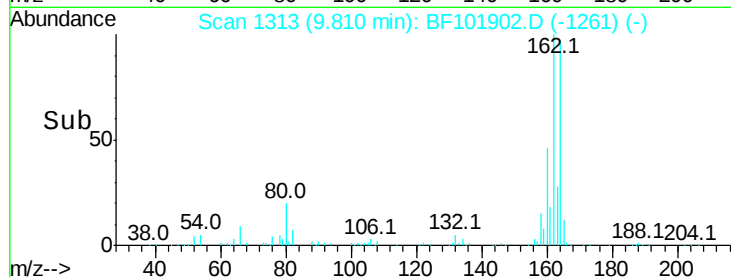
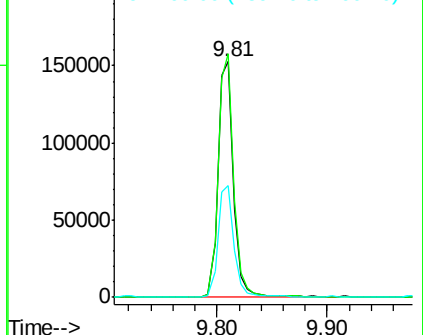
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 149644
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 47.5 38.3 57.5

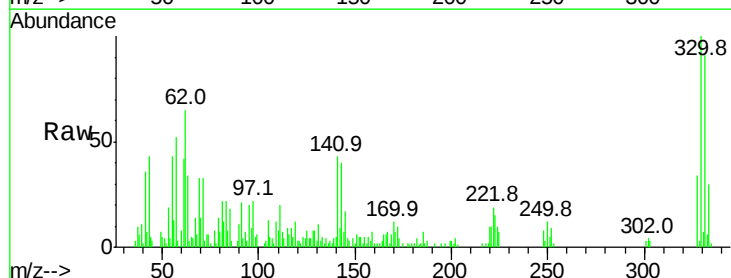


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

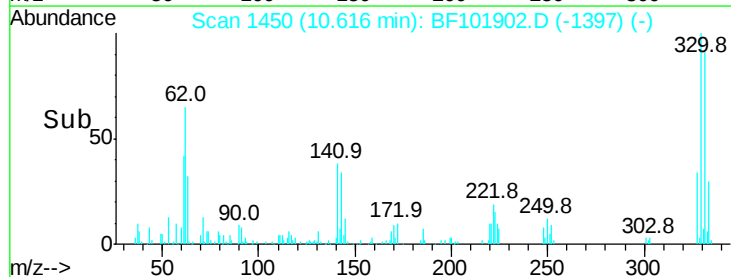
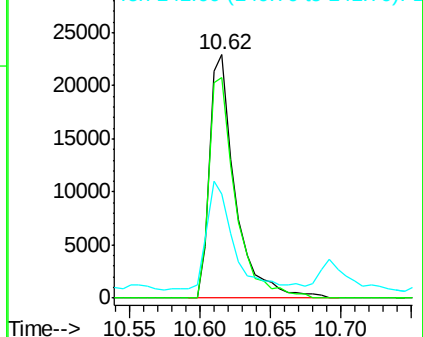


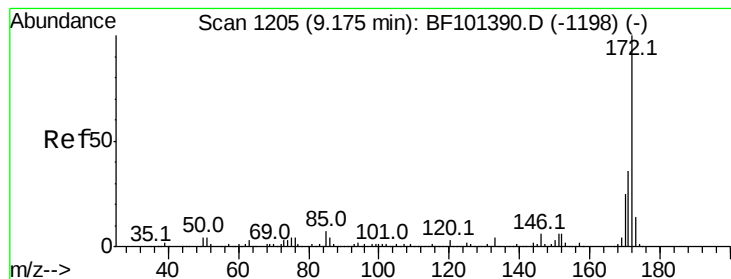
#41
 2,4,6-Tribromophenol
 Concen: 20.040 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101902.D
 Acq: 4 Jan 2018 20:22

Tgt Ion:330 Resp: 28897
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 47.7 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: 22.994 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

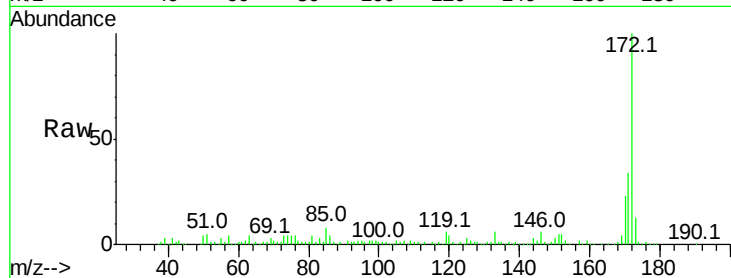
Tot Ion:172 Resp: 221815

Ion Ratio Lower Upper

172 100

171 33.7 29.7 44.5

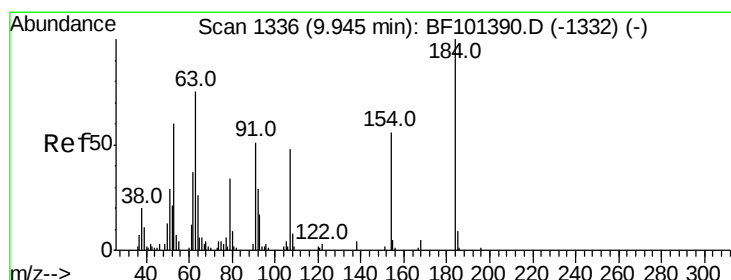
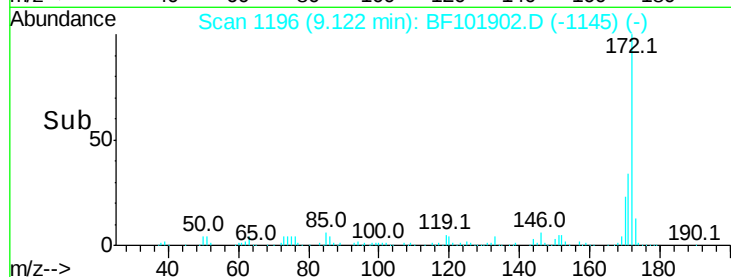
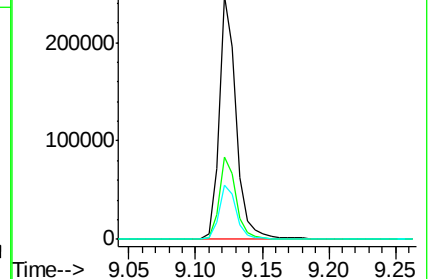
170 22.5 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 10.472 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.24 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

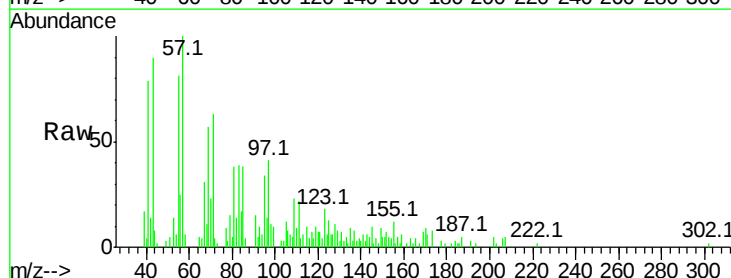
Tgt Ion:184 Resp: 148

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

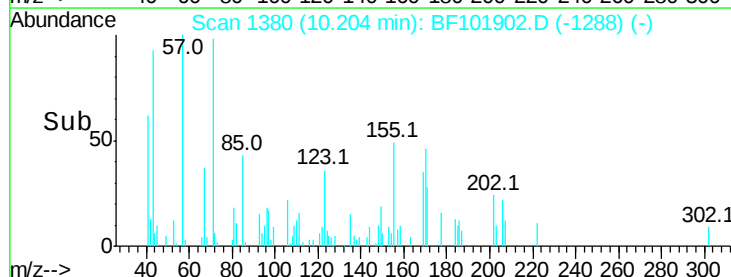
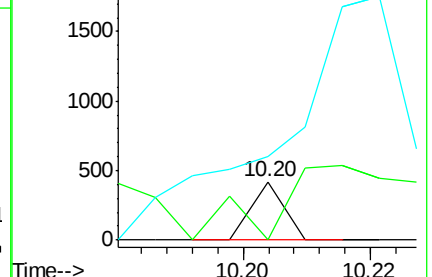
154 142.9 184.0 276.0#

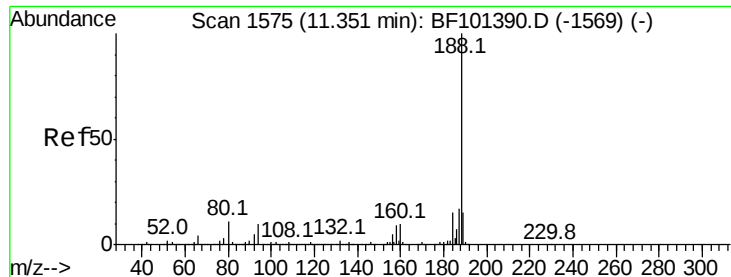


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

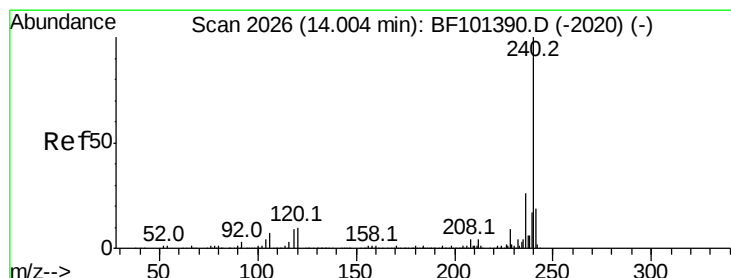
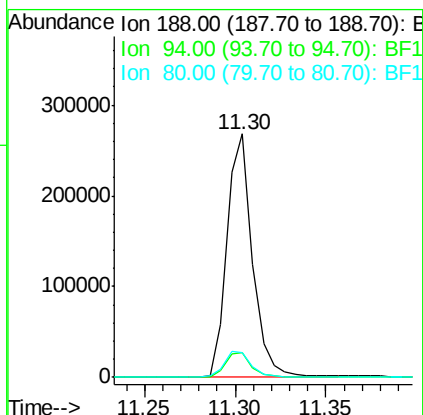
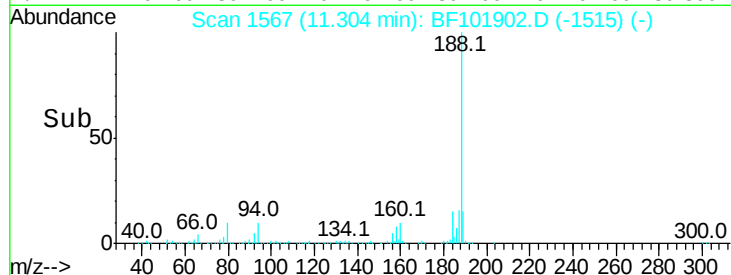
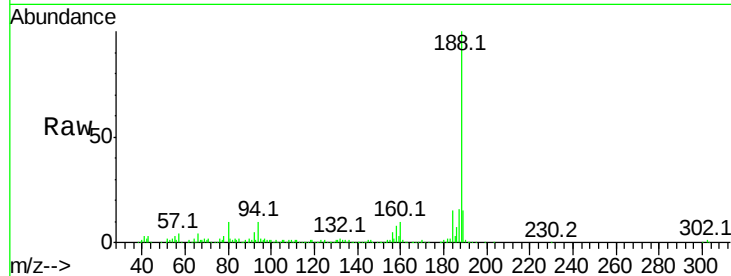




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

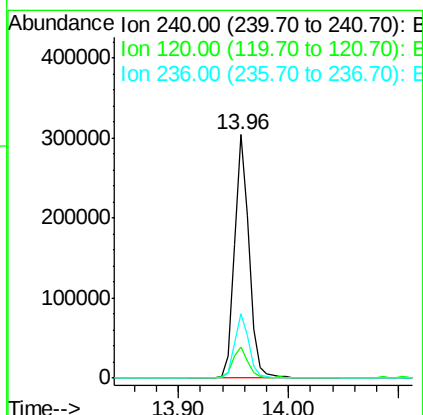
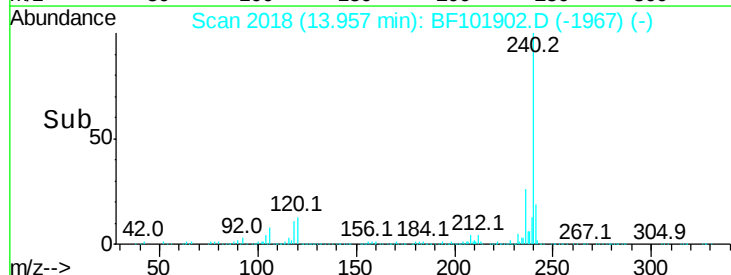
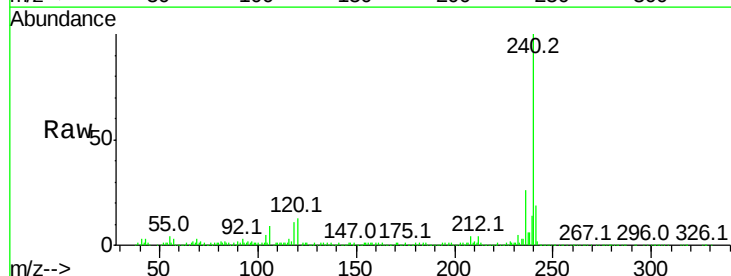
Instrument :
BNA_F
ClientSampleId :

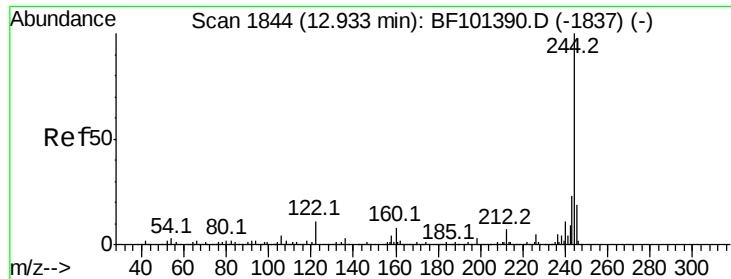
Tot Ion:188 Resp: 263232
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101902.D
Acq: 4 Jan 2018 20:22

Tgt Ion:240 Resp: 281967
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 17.584 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

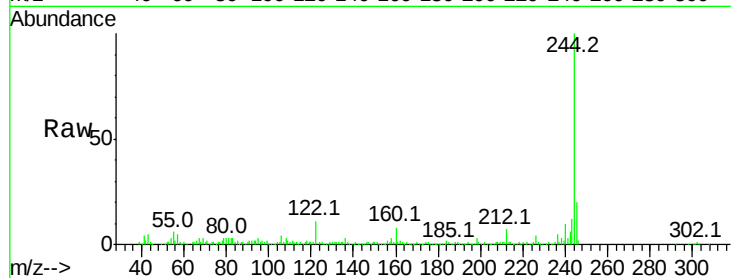
Tot Ion:244 Resp: 205670

Ion Ratio Lower Upper

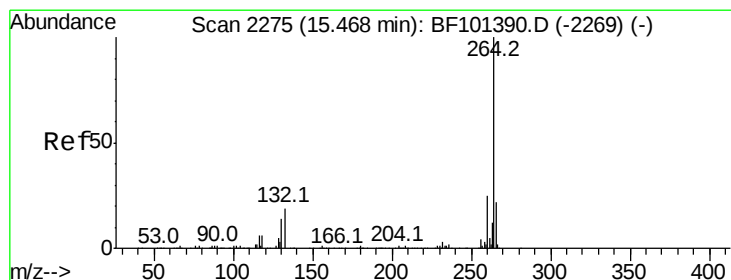
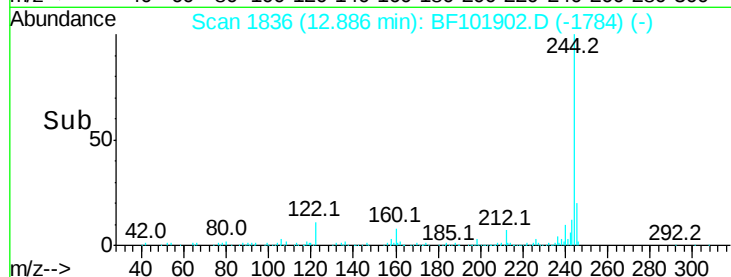
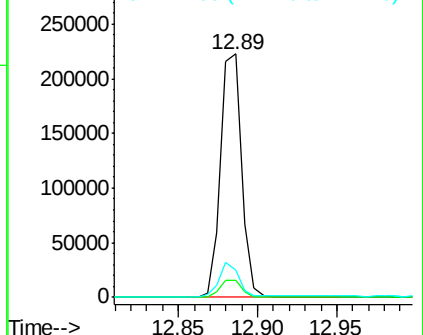
244 100

212 6.8 5.4 8.0

122 11.2 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: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF101902.D

Acq: 4 Jan 2018 20:22

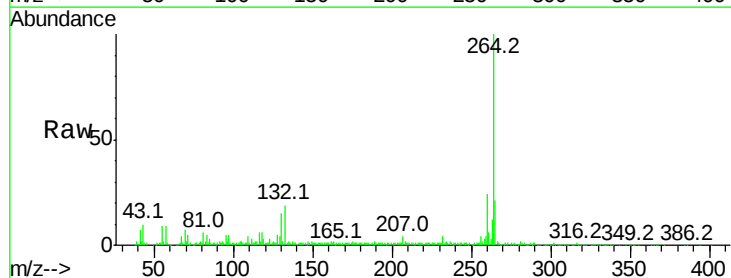
Tgt Ion:264 Resp: 200285

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.8 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

