

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096037.D
 Acq On : 20 Jun 2017 10:07
 Operator : SJ/MA
 Sample : I3688-04 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G17-1.5-3

Quant Time: Jun 20 13:52:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

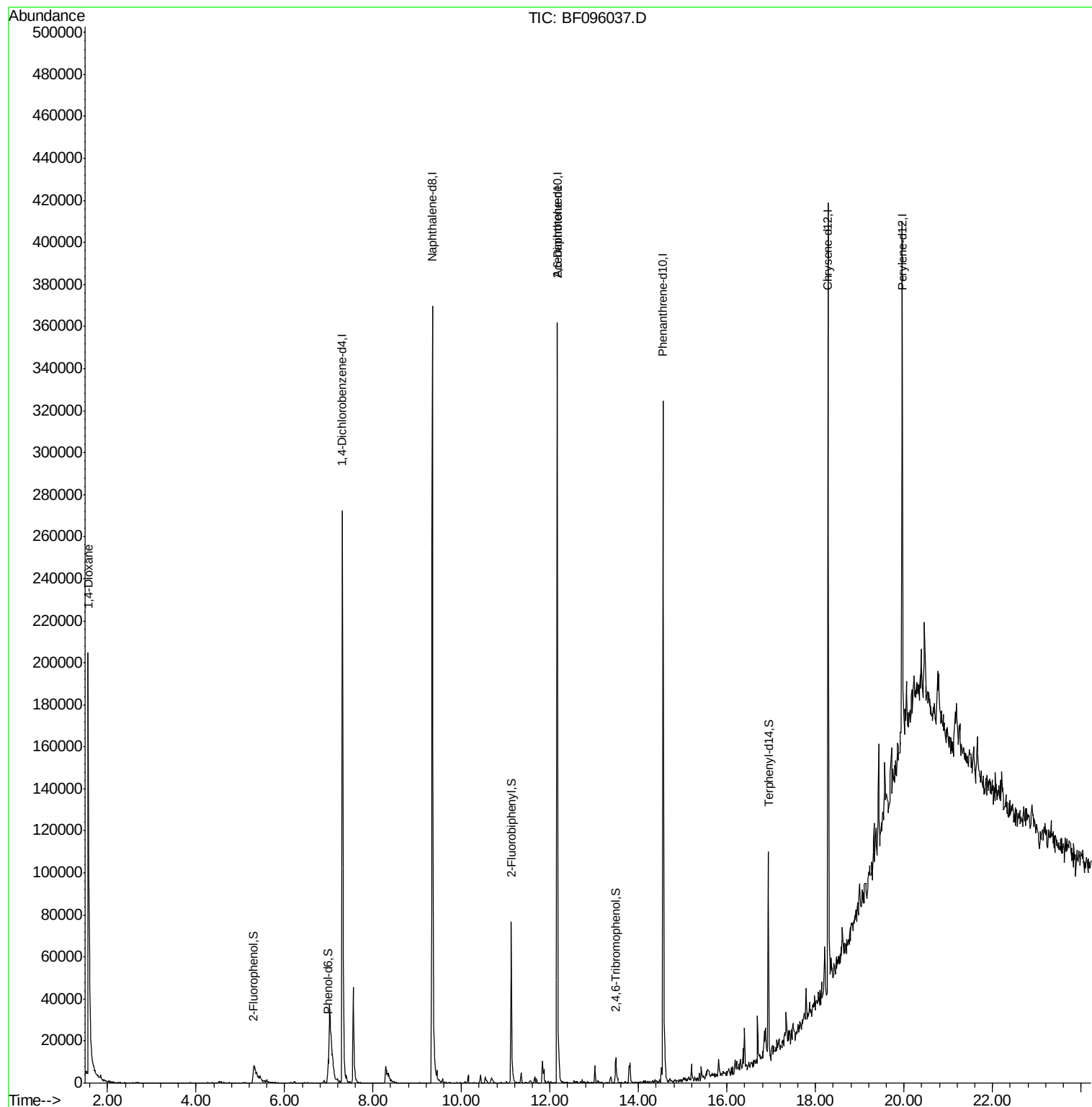
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	77280	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	285605	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	111039	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	181887	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	156301	20.00	ng	-0.01
86) Perylene-d12	19.96	264	111982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	11392	2.35	ng	0.09
7) Phenol-d6	6.99	99	16161	2.78	ng	0.08
23) Nitrobenzene-d5	8.29	82	8410	1.83	ng	0.04
41) 2,4,6-Tribromophenol	13.49	330	4598	4.68	ng	0.01
44) 2-Fluorobiphenyl	11.12	172	44011	5.52	ng	-0.02
78) Terphenyl-d14	16.93	244	33454	5.31	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	10251	4.443	ng	# 25
50) 2,6-Dinitrotoluene	12.16	165	13769	7.487	ng	# 31

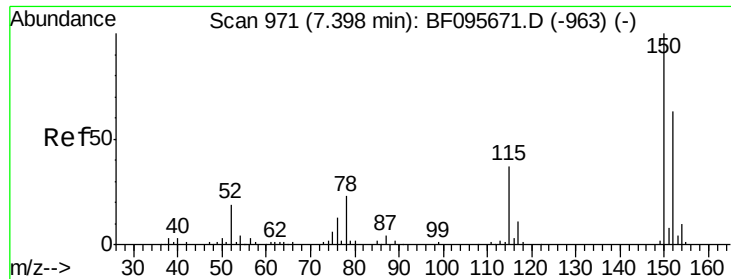
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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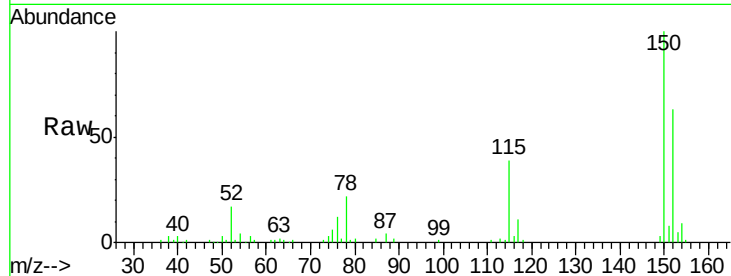


#1

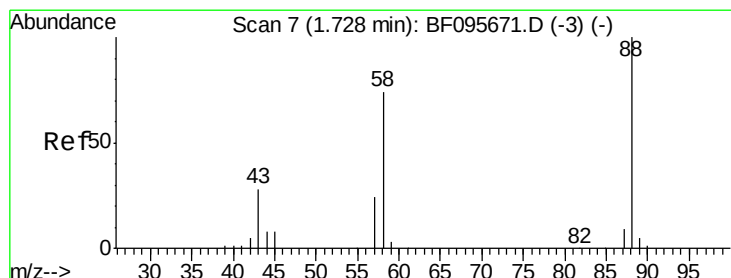
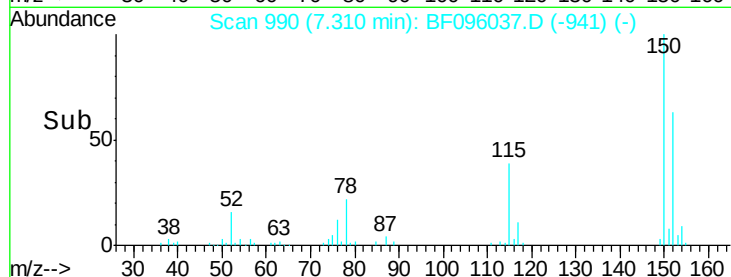
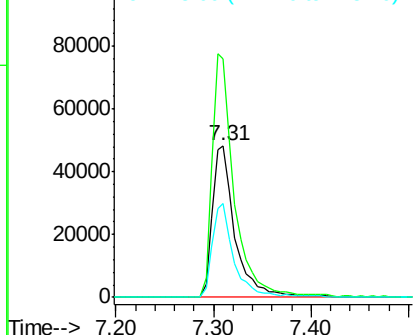
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

Tgt Ion:152 Resp: 77280
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 61.9 52.2 78.2



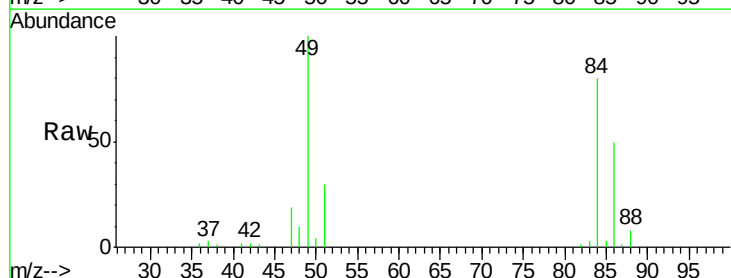
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



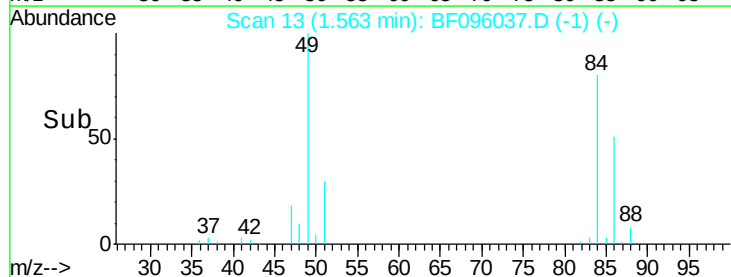
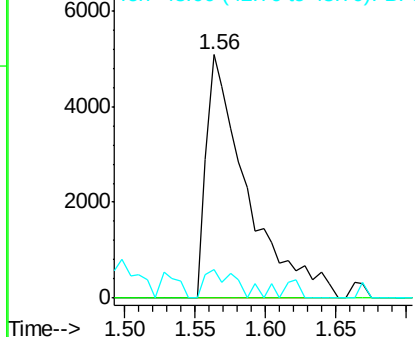
#2

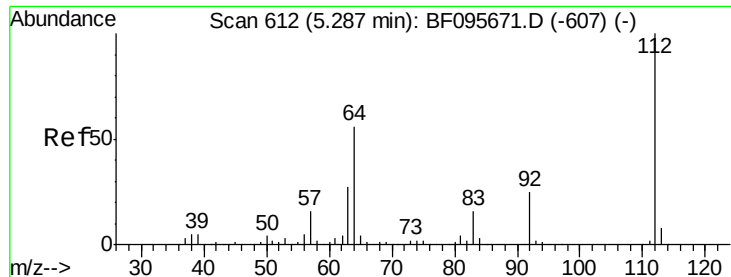
1,4-Dioxane
Concen: 4.443 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion: 88 Resp: 10251
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 8.1 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 2.349 ng

RT: 5.30 min Scan# 649

Delta R.T. 0.09 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

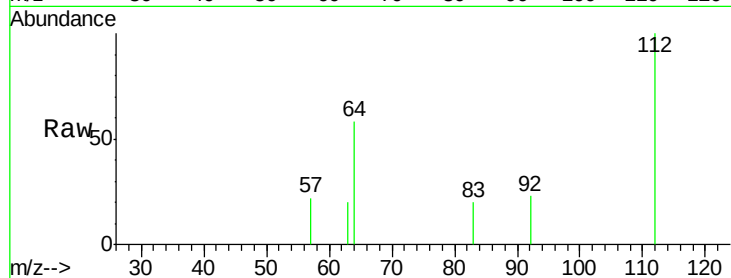
Instrument :

BNA_F

ClientSampleId :

G17-1.5-3

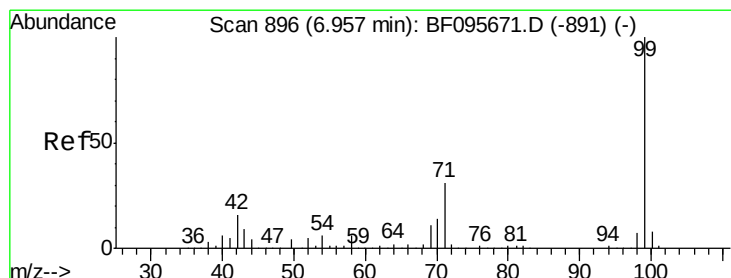
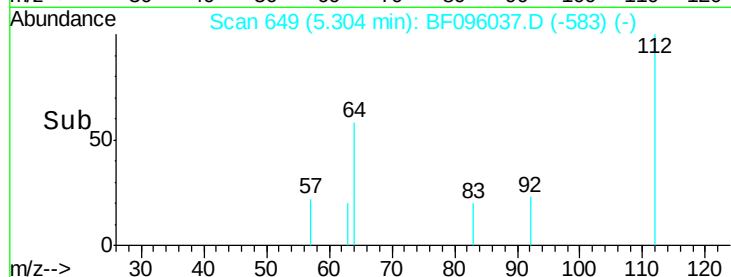
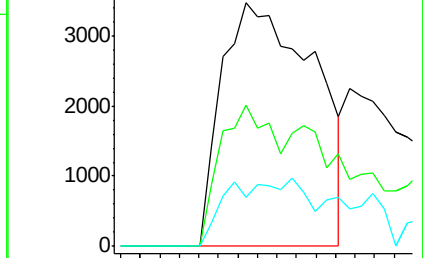
Tgt Ion:	112	Resp:	11392
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	20.0	23.4	35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 2.783 ng

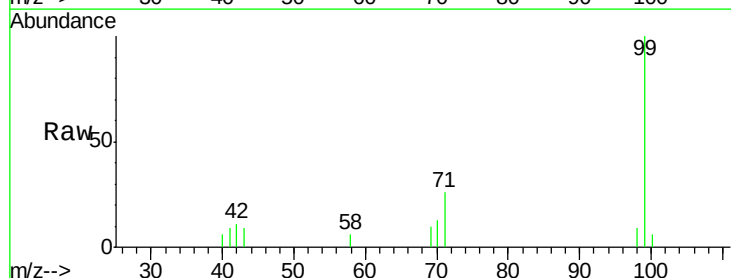
RT: 6.99 min Scan# 935

Delta R.T. 0.08 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

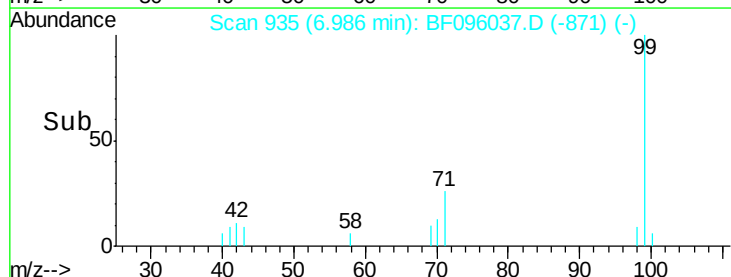
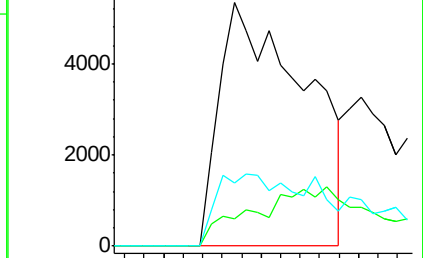
Tgt Ion:	99	Resp:	16161
Ion	Ratio	Lower	Upper
99	100		
42	11.4	13.5	20.3#
71	25.8	24.5	36.7

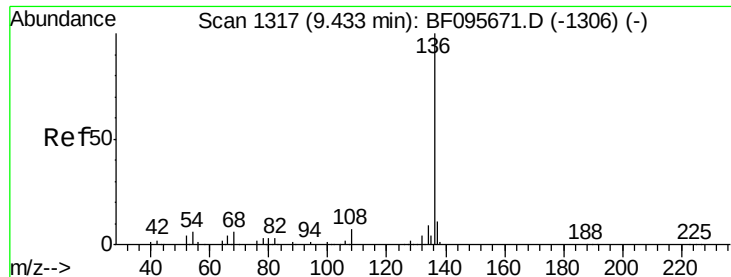


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

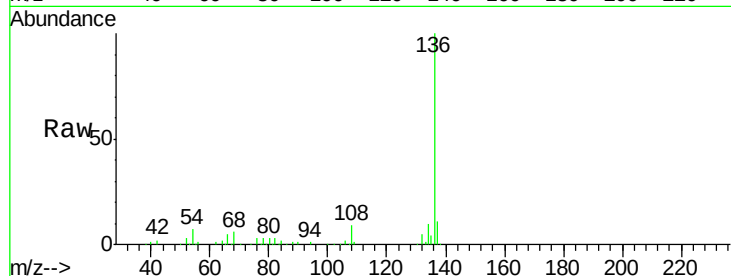




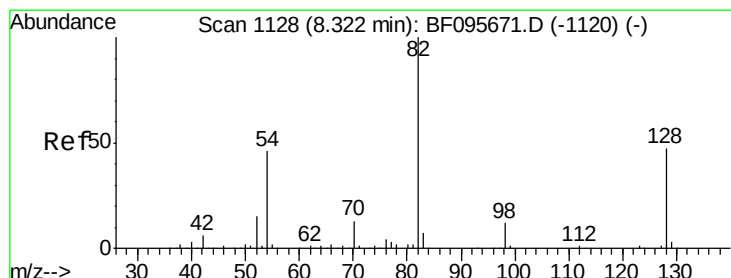
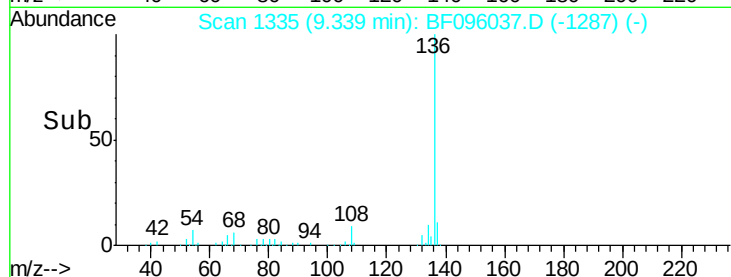
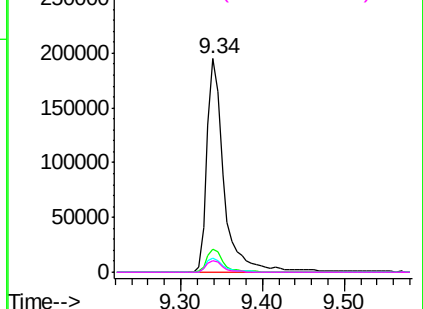
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

Tgt Ion:	136	Resp:	285605
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1

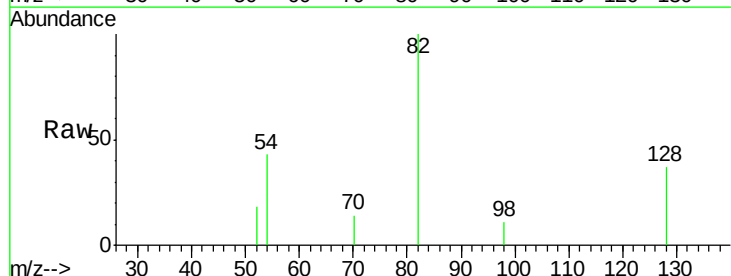


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

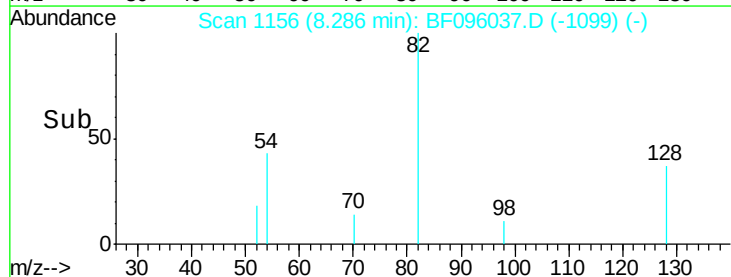
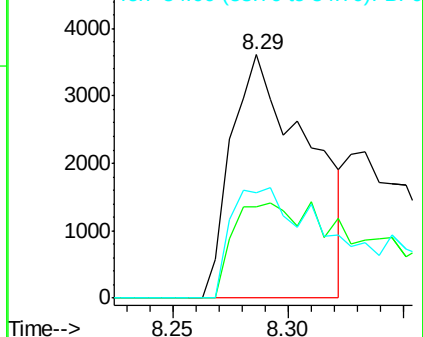


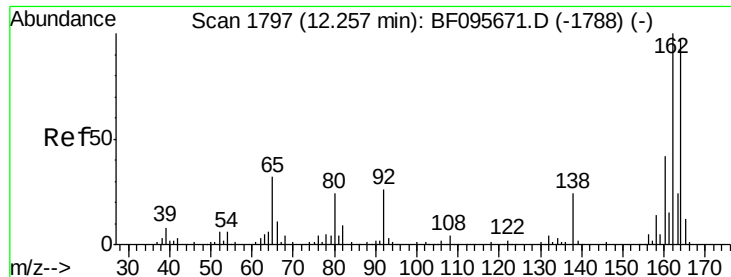
#23
Nitrobenzene-d5
Concen: 1.829 ng
RT: 8.29 min Scan# 1156
Delta R.T. 0.04 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion:	82	Resp:	8410
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	43.1	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.16 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

Instrument :

BNA_F

ClientSampled :

G17-1.5-3

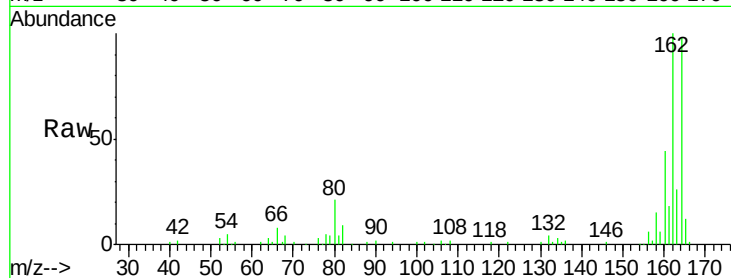
Tgt Ion:164 Resp: 111039

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

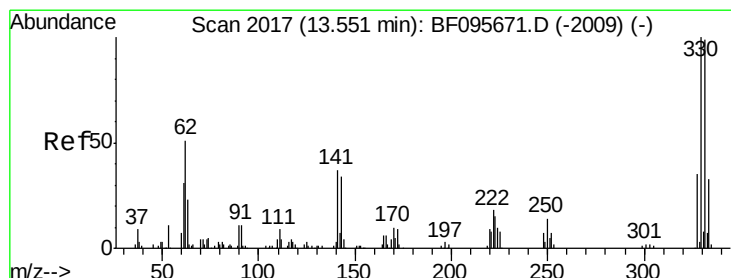
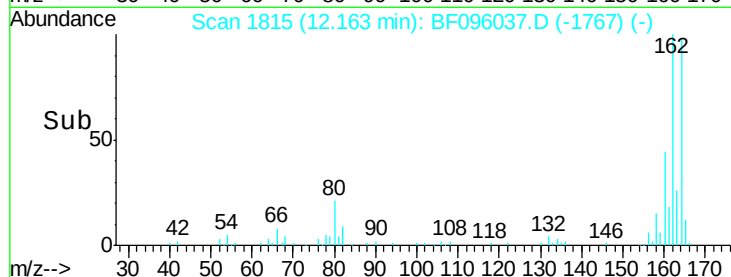
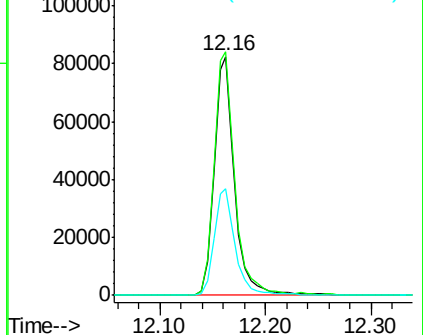
160 44.6 36.2 54.2



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: 4.680 ng

RT: 13.49 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

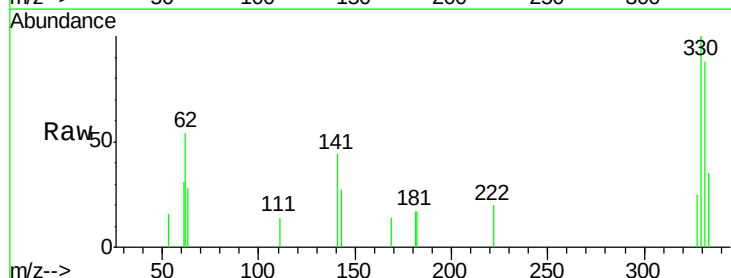
Tgt Ion:330 Resp: 4598

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

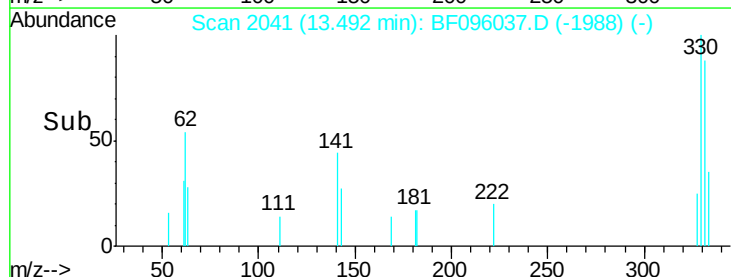
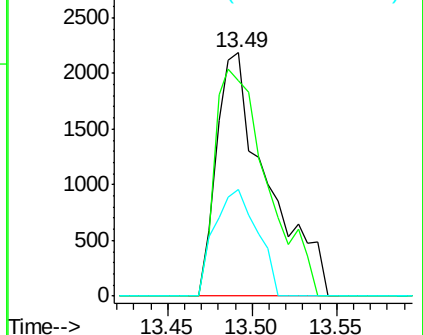
141 36.8 31.4 47.2

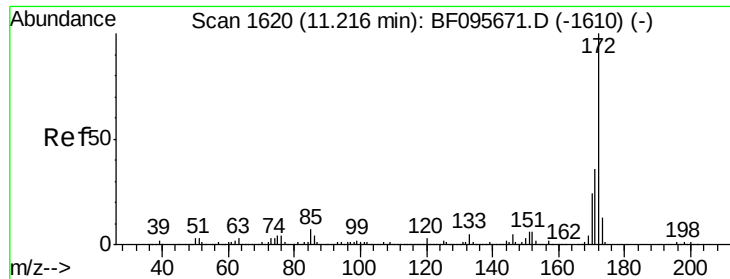


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

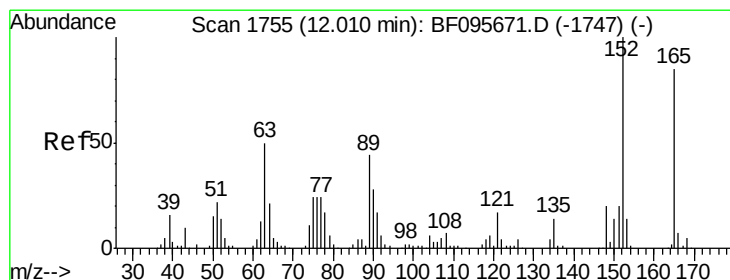
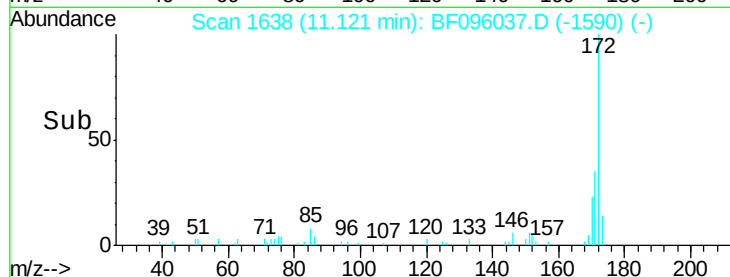
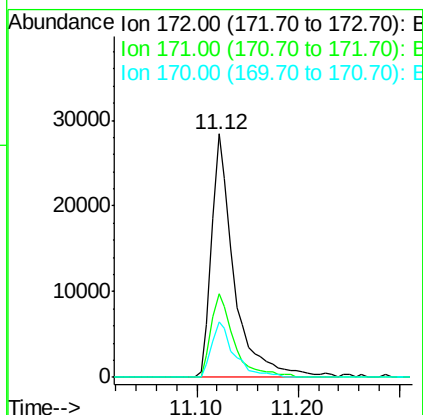
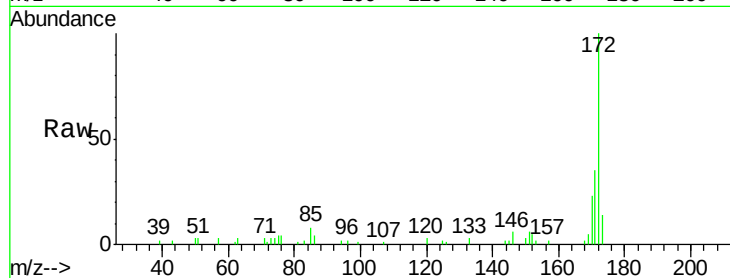




#44
2-Fluorobiphenyl
Concen: 5.516 ng
RT: 11.12 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

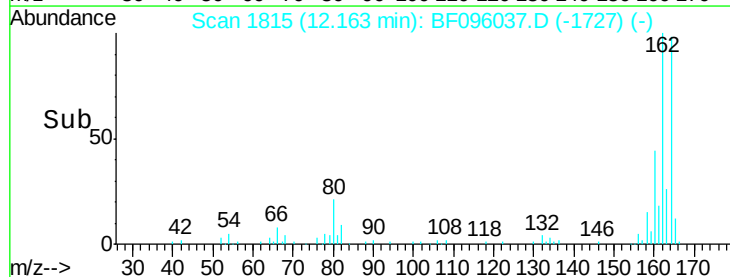
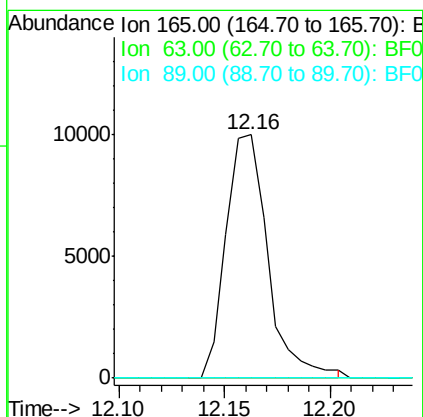
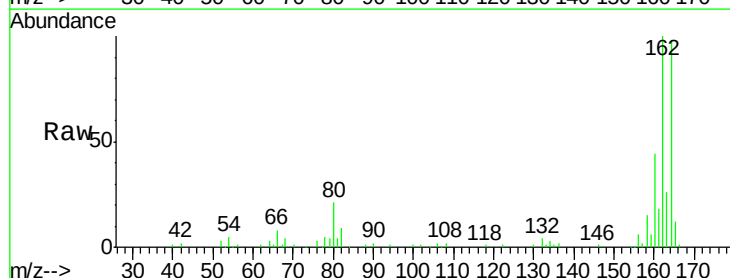
Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

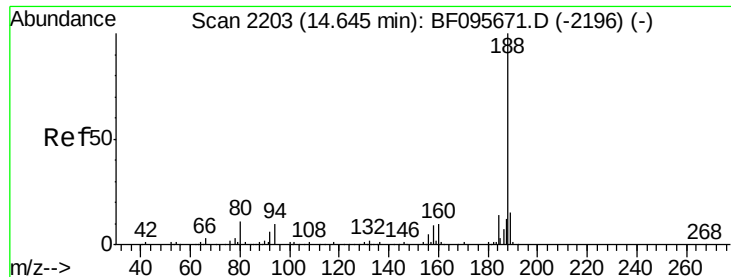
Tgt Ion:172 Resp: 44011
Ion Ratio Lower Upper
172 100
171 34.5 29.6 44.4
170 23.0 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.487 ng
RT: 12.16 min Scan# 1815
Delta R.T. 0.22 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion:165 Resp: 13769
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

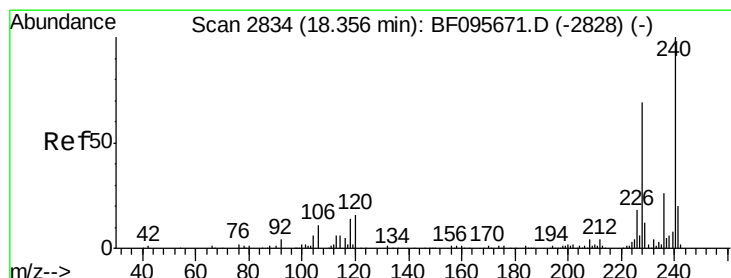
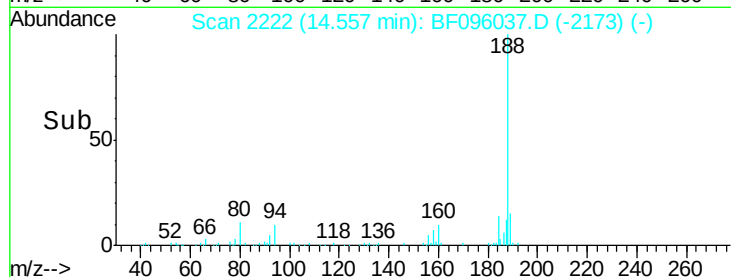
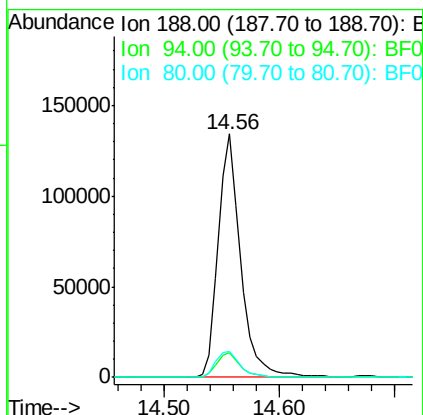
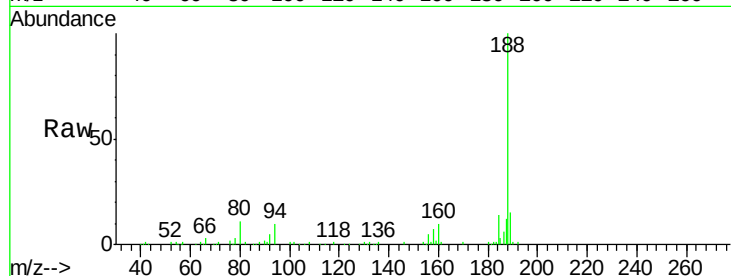




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

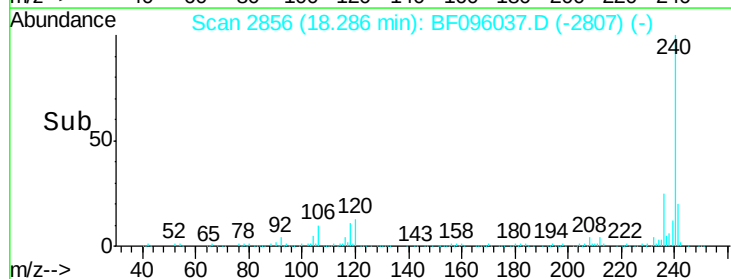
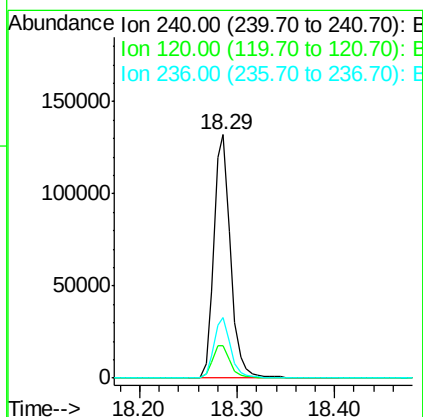
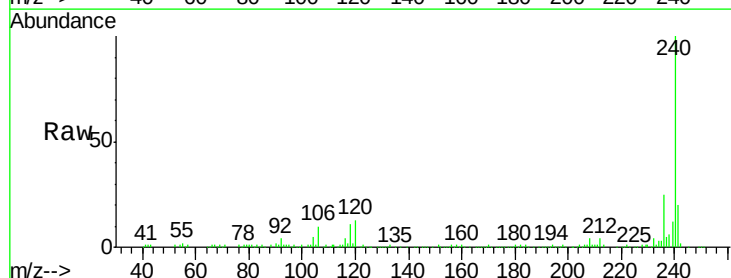
Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

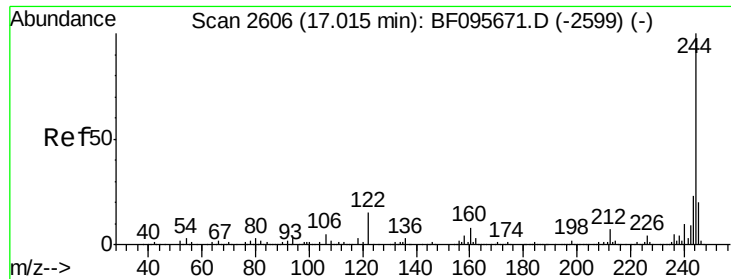
Tgt Ion:188 Resp: 181887
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion:240 Resp: 156301
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 5.312 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

Instrument :

BNA_F

ClientSampleId :

G17-1.5-3

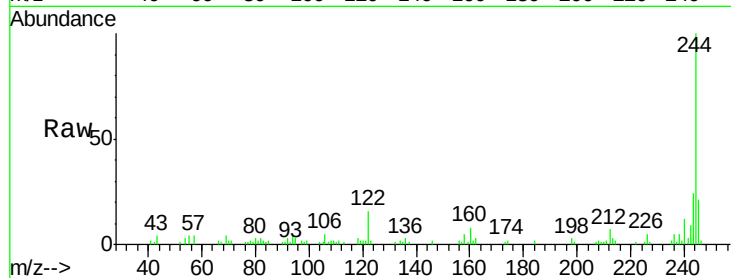
Tgt Ion:244 Resp: 33454

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

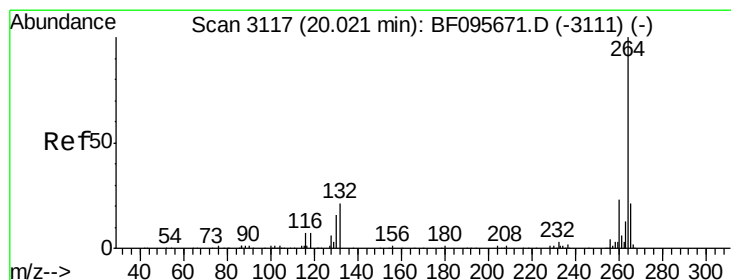
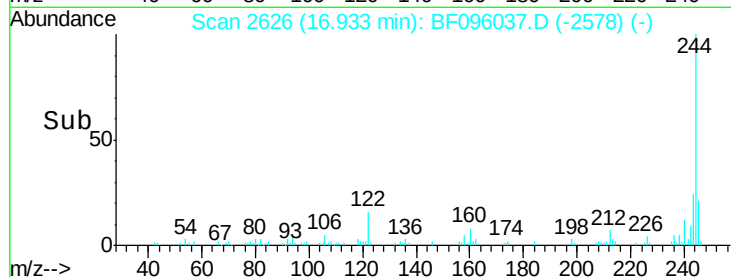
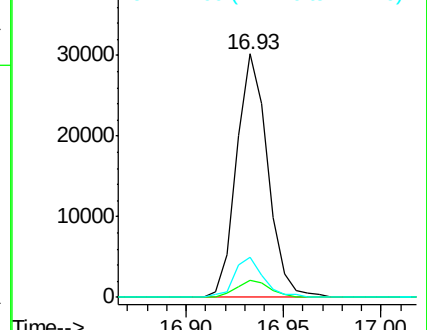
122 16.4 10.3 15.5#



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: 19.96 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BF096037.D

Acq: 20 Jun 2017 10:07

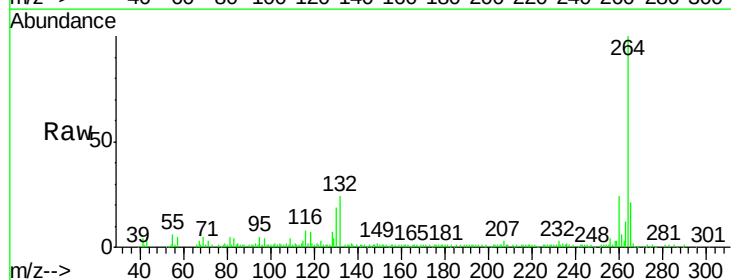
Tgt Ion:264 Resp: 111982

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 17.2 25.8



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

