

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096910.D
 Acq On : 20 Jul 2017 17:19
 Operator : SJ/JU
 Sample : I4282-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-A

Quant Time: Jul 21 14:47:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

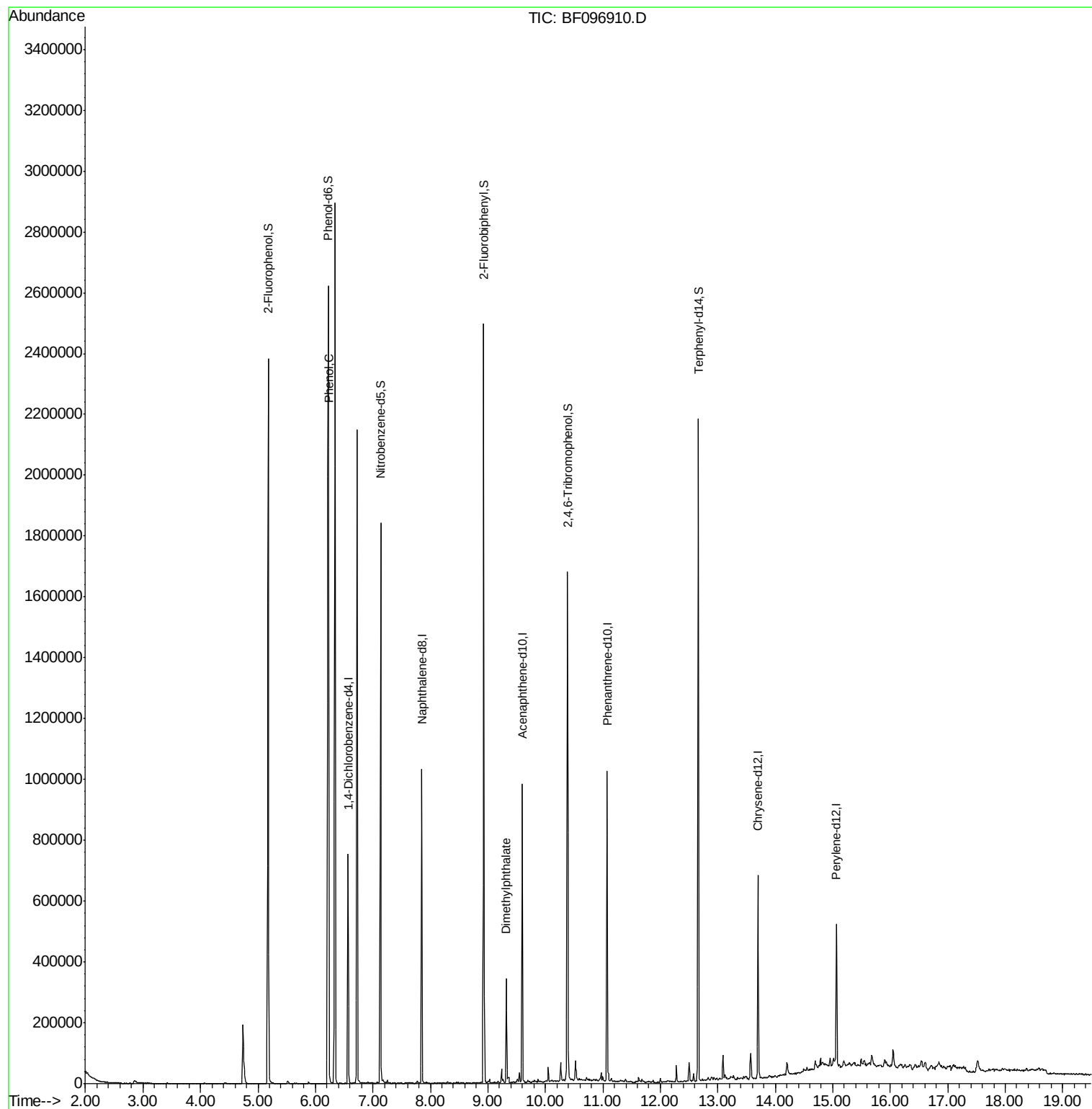
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	108661	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	471589	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	183550	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	347524	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	204170	20.00	ng	-0.04
86) Perylene-d12	15.07	264	191883	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	763620	105.66	ng	-0.02
7) Phenol-d6	6.22	99	1036308	119.50	ng	-0.03
23) Nitrobenzene-d5	7.13	82	594615	78.10	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	203308	129.76	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	893584	76.92	ng	-0.04
78) Terphenyl-d14	12.66	244	709226	60.24	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	43750	4.463	ng	93
49) Dimethylphthalate	9.32	163	130810	9.465	ng	99

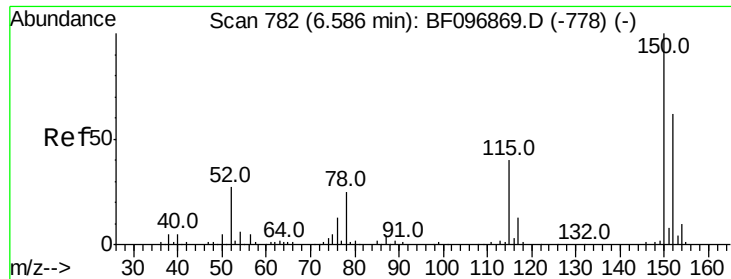
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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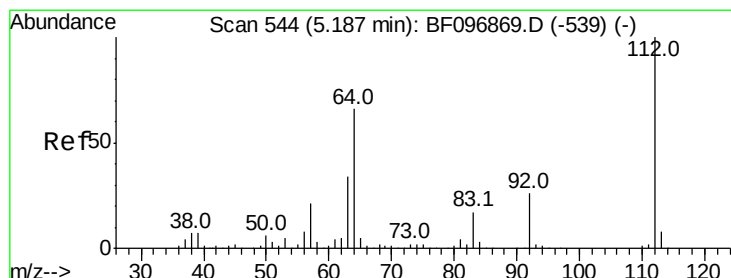
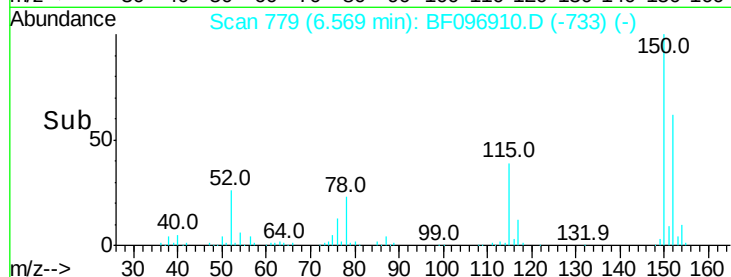
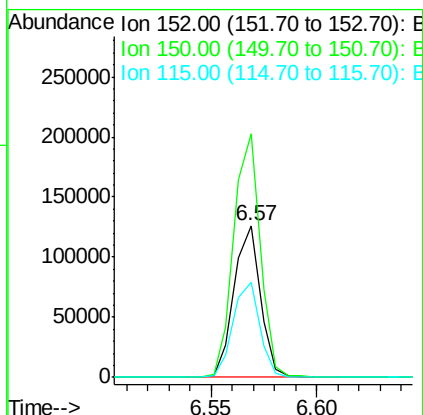
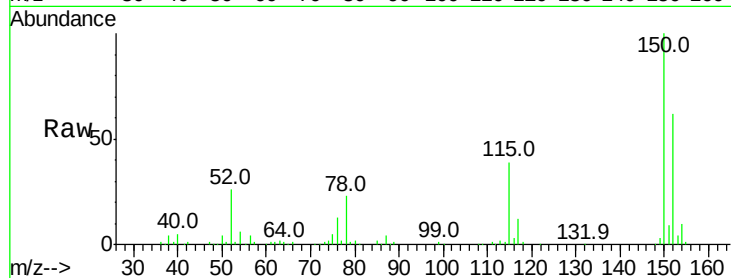


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-A

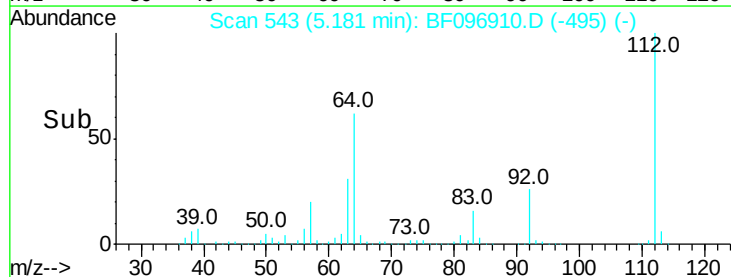
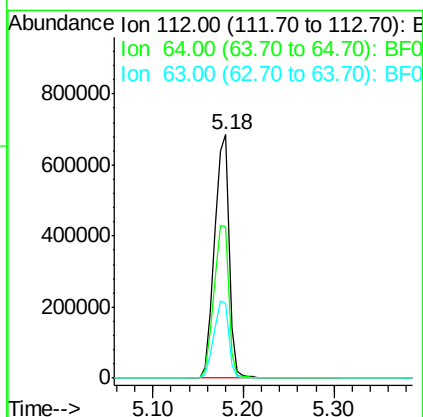
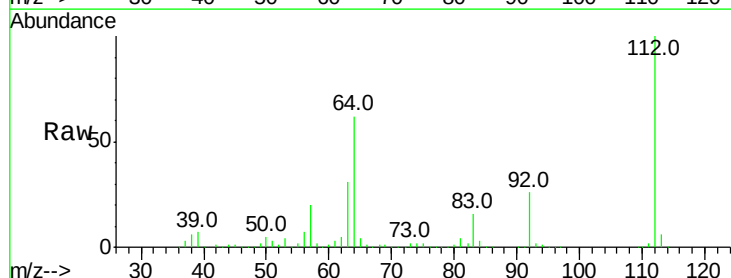
Tot Ion:152 Resp: 108661
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 62.5 52.2 78.2

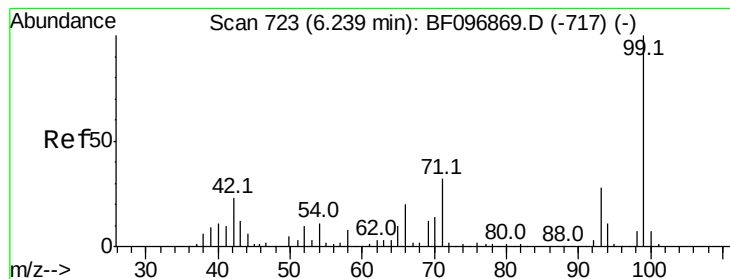


#5

2-Fluorophenol
 Concen: 105.665 ng
 RT: 5.18 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF096910.D
 Acq: 20 Jul 2017 17:19

Tgt Ion:112 Resp: 763620
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.0 69.0
 63 30.9 23.4 35.0





#7

Phenol-d6

Concen: 119.495 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

Instrument :

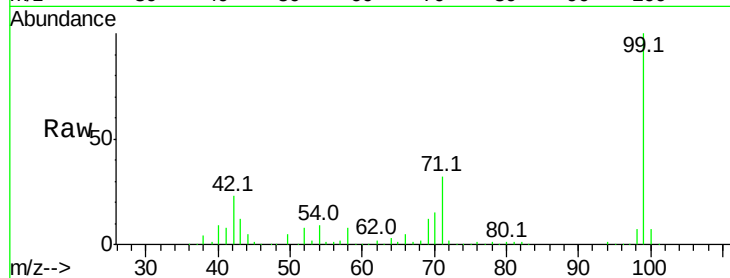
BNA_F

ClientSampleId :

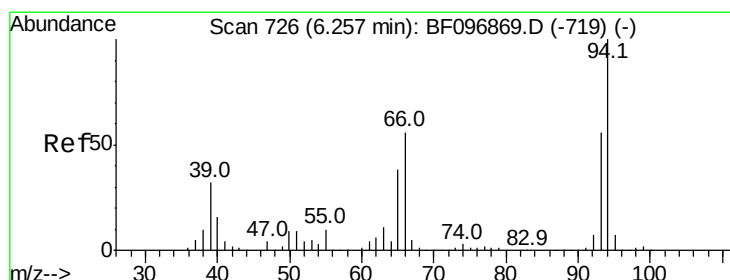
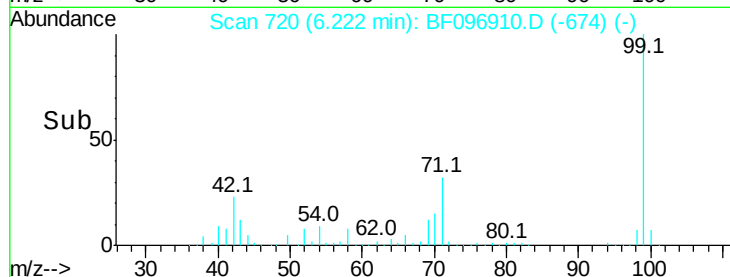
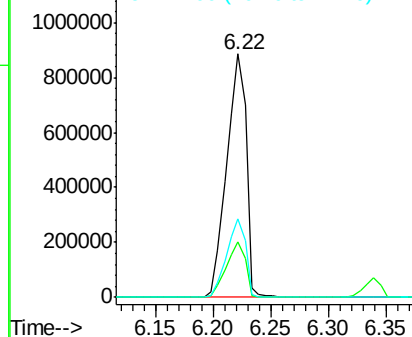
FK-GF-02-007-A

Tot Ion: 99 Resp: 1036308

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.3	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



#10

Phenol

Concen: 4.463 ng

RT: 6.23 min Scan# 722

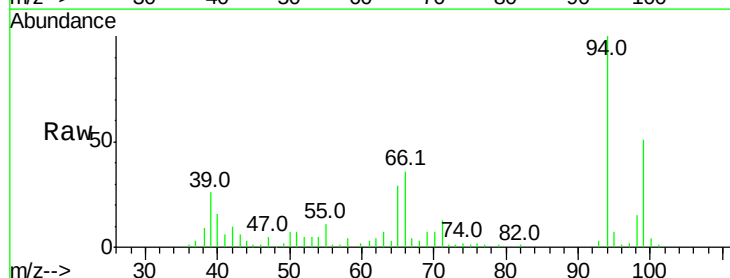
Delta R.T. -0.04 min

Lab File: BF096910.D

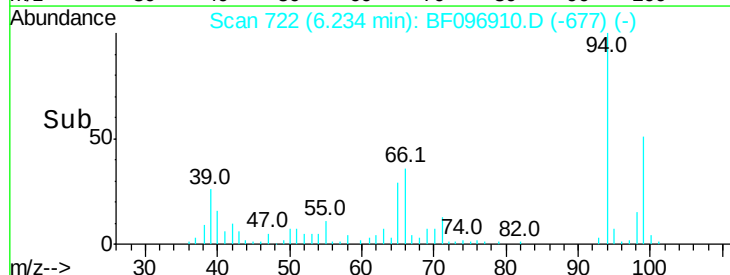
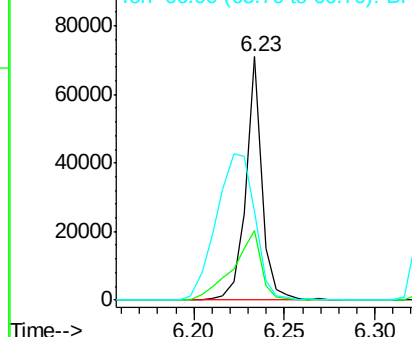
Acq: 20 Jul 2017 17:19

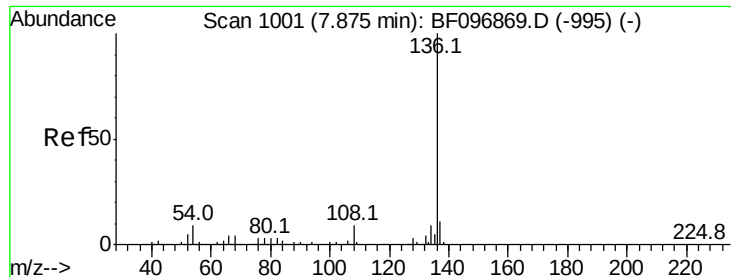
Tgt Ion: 94 Resp: 43750

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.9	49.9
66	36.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

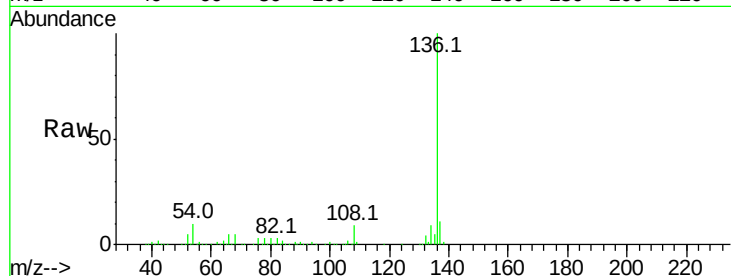




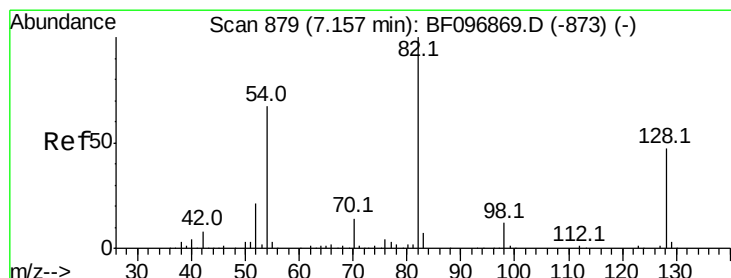
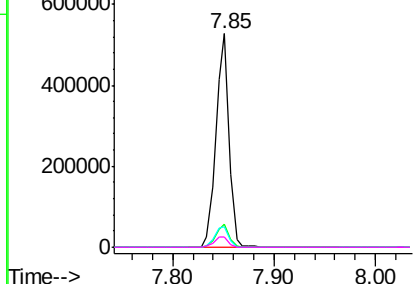
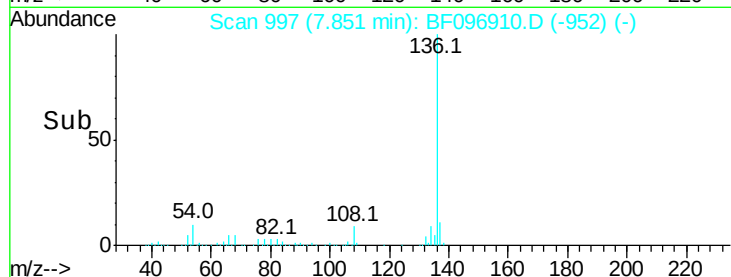
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

Tot Ion:136	Resp:	471589
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.6	4.9 7.3#
68	5.1	4.1 6.1

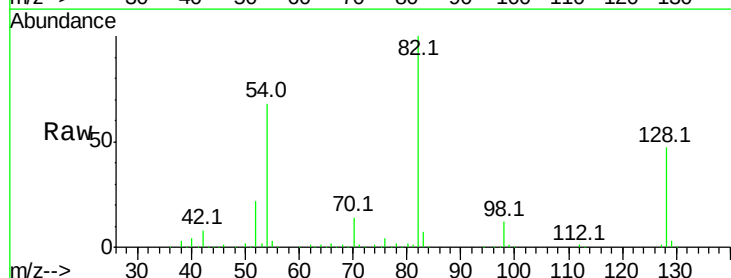


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

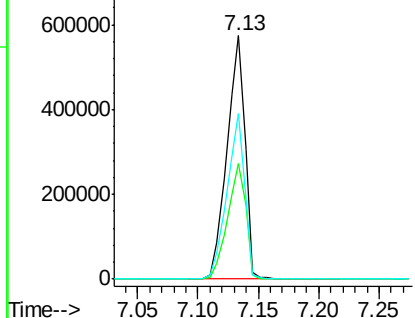
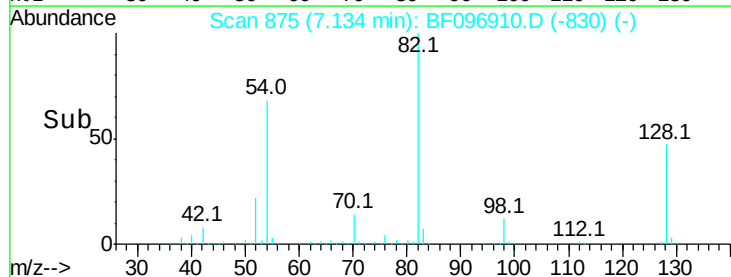


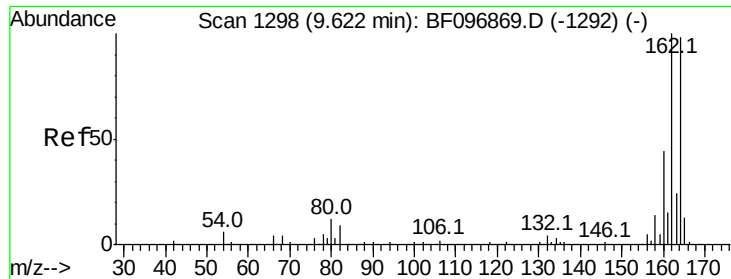
#23
Nitrobenzene-d5
Concen: 78.100 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Tgt Ion: 82	Resp:	594615
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	68.1	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

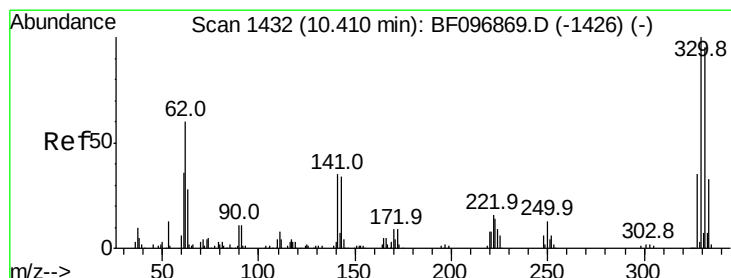
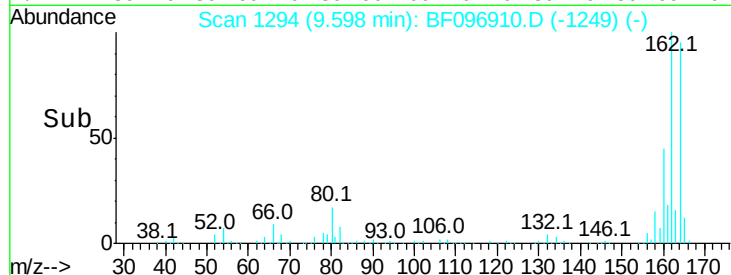
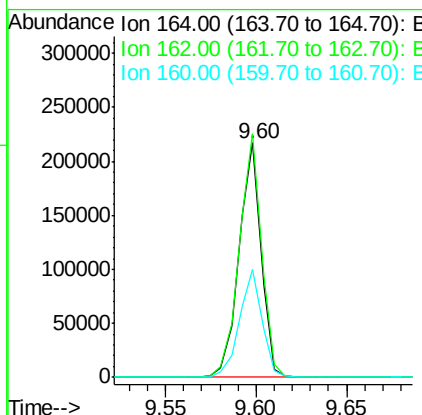
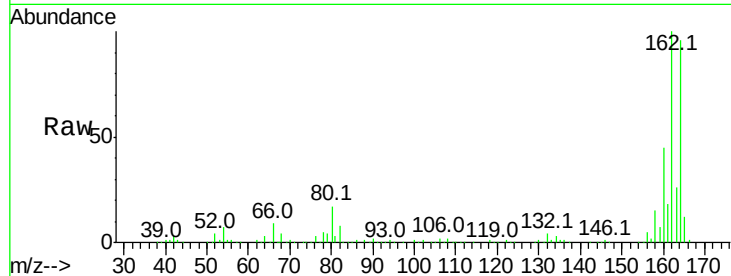




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

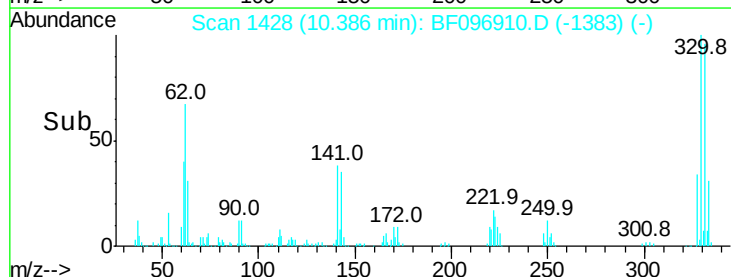
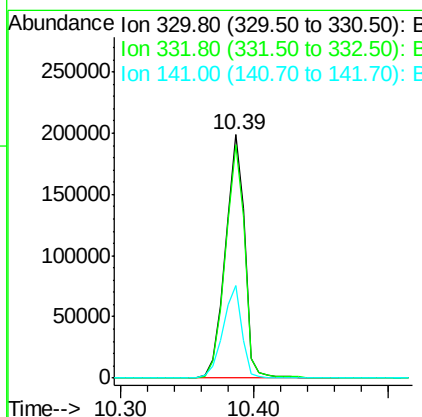
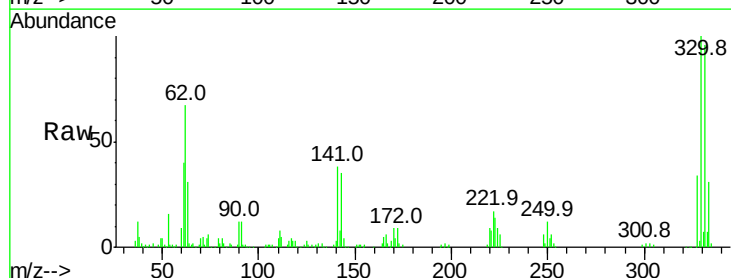
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

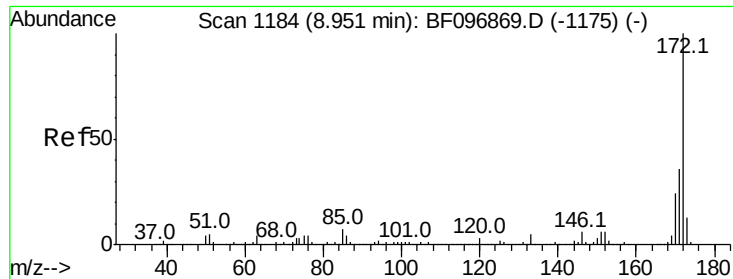
Tot Ion:164 Resp: 183550
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 46.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 129.764 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Tgt Ion:330 Resp: 203308
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 37.6 31.4 47.2

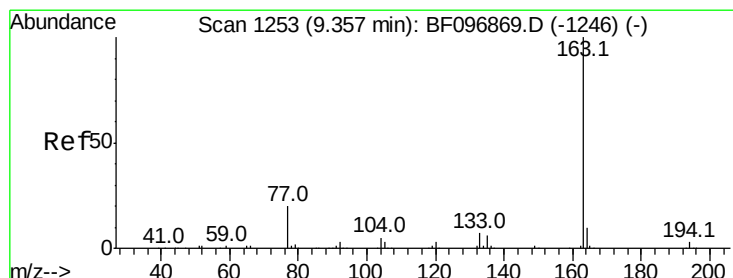
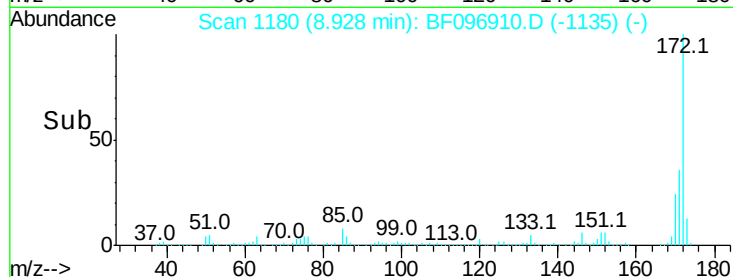
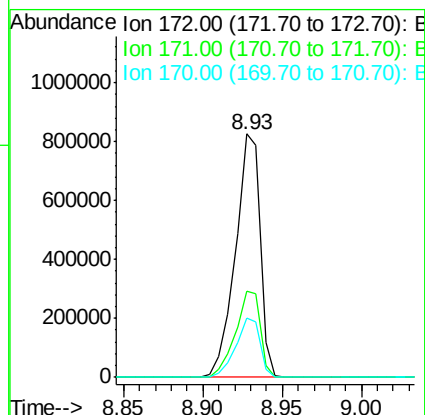
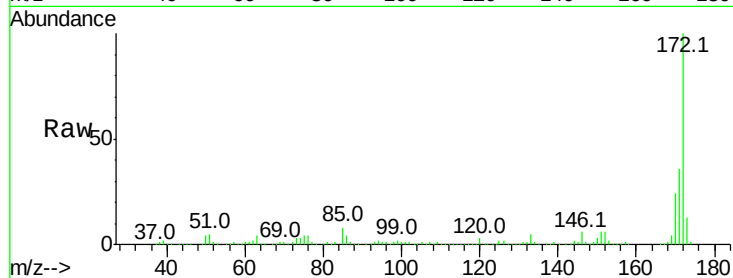




#44
2-Fluorobiphenyl
Concen: 76.916 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

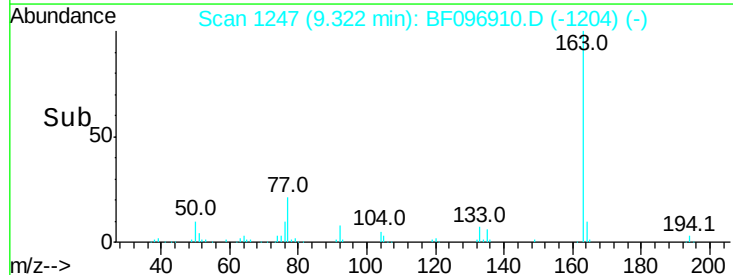
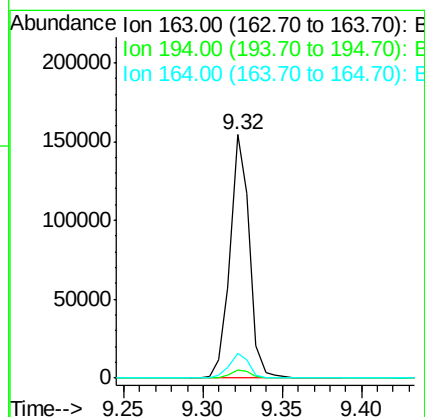
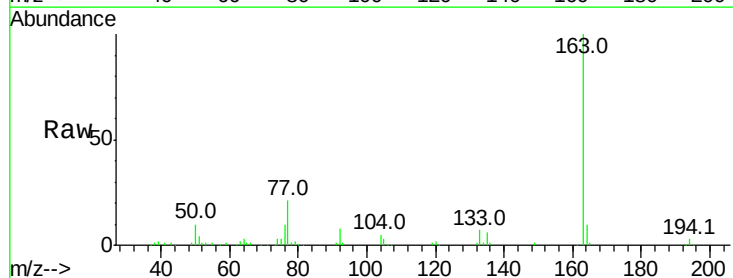
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FK-GF-02-007-A

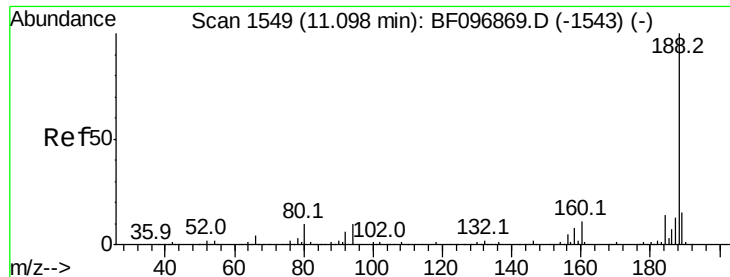
Tot Ion:172 Resp: 893584
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.465 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Tgt Ion:163 Resp: 130810
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.4 12.6

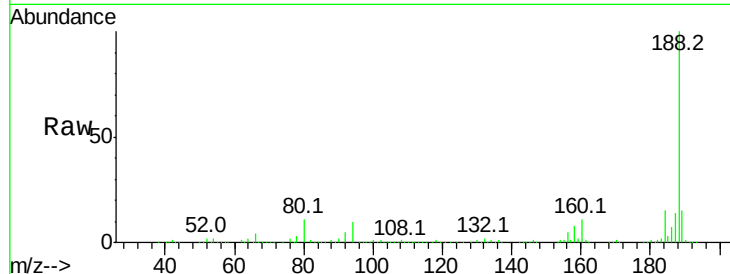




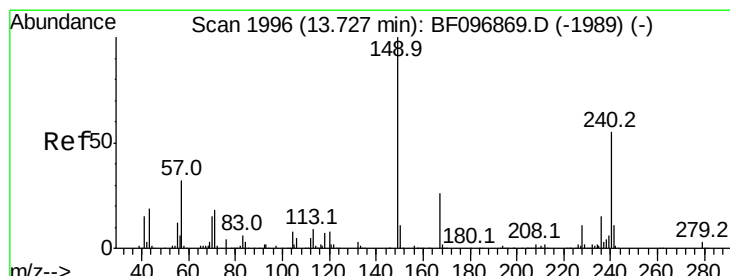
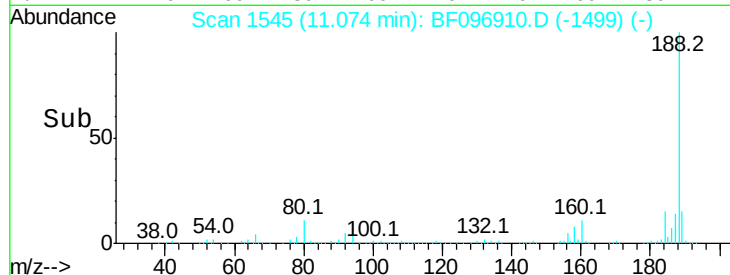
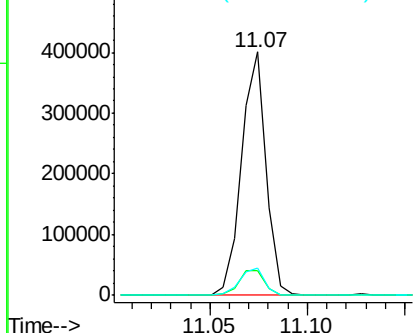
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-A

Tot Ion:188 Resp: 347524
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2

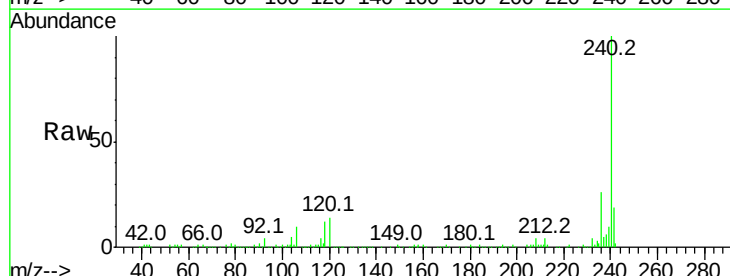


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

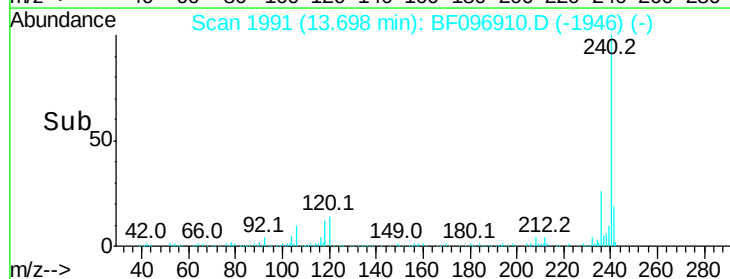
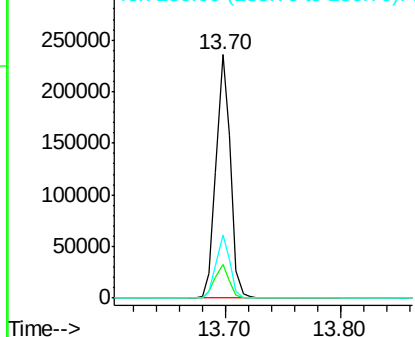


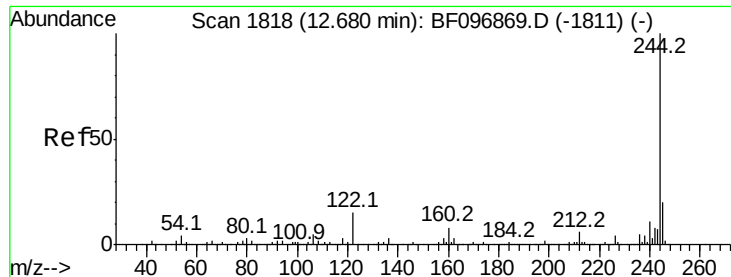
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096910.D
Acq: 20 Jul 2017 17:19

Tgt Ion:240 Resp: 204170
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.8 20.5 30.7



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: 60.243 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-007-A

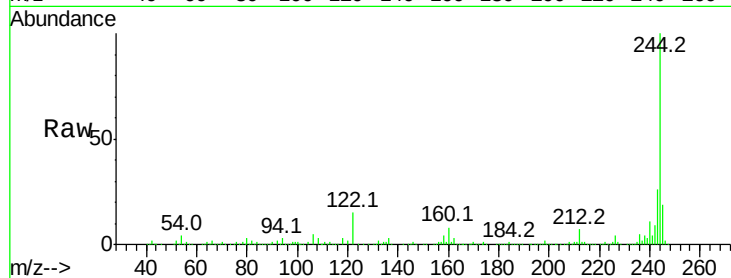
Tot Ion:244 Resp: 709226

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

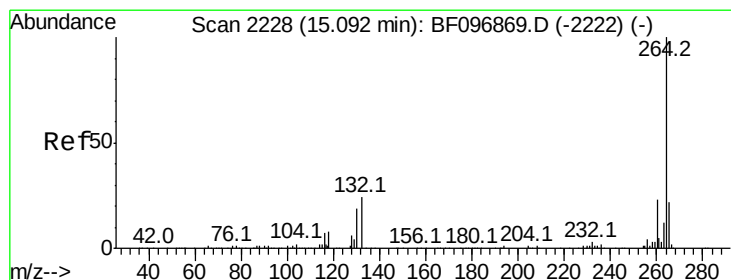
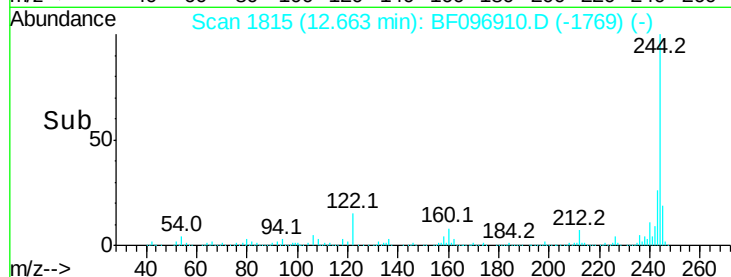
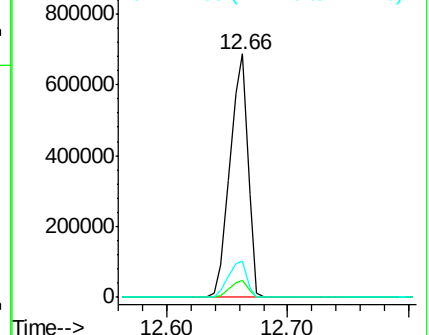
122 14.7 10.3 15.5



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: 15.07 min Scan# 2224

Delta R.T. -0.04 min

Lab File: BF096910.D

Acq: 20 Jul 2017 17:19

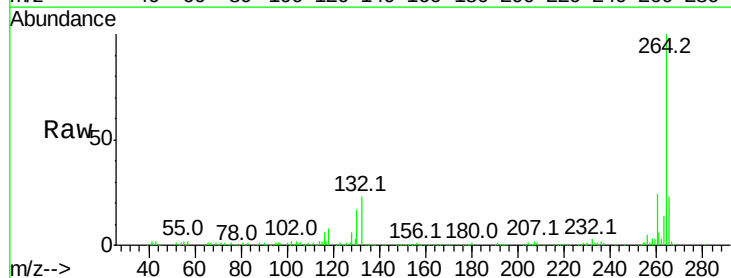
Tgt Ion:264 Resp: 191883

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.6 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

