

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096873.D
 Acq On : 19 Jul 2017 16:43
 Operator : SJ/JU
 Sample : I4272-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2

Quant Time: Jul 19 18:59:24 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

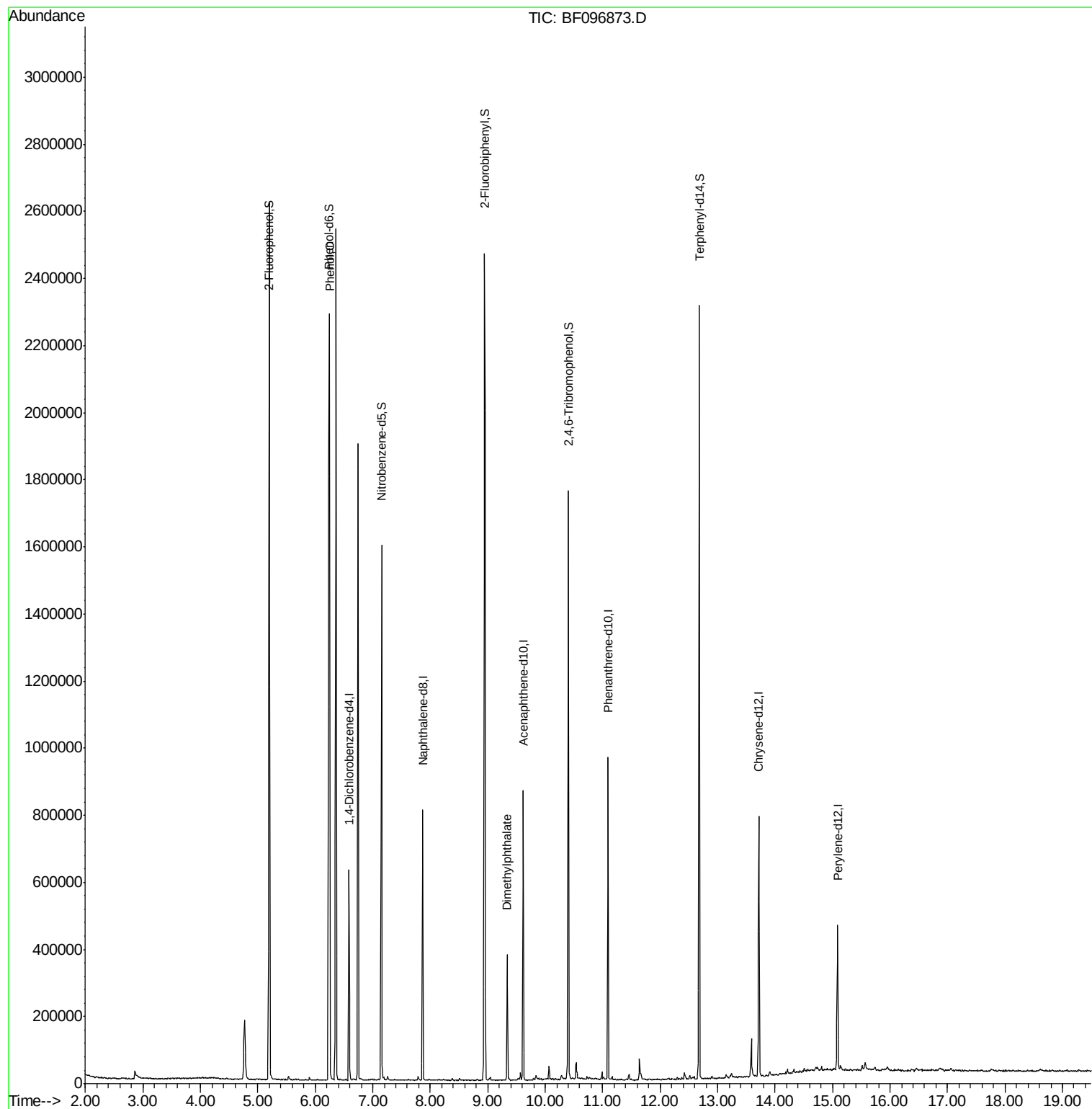
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	91535	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	377451	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	175326	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	322557	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	247528	20.00	ng	-0.02
86) Perylene-d12	15.09	264	169556	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	776290	127.52	ng	0.00
7) Phenol-d6	6.24	99	970659	132.87	ng	-0.01
23) Nitrobenzene-d5	7.15	82	533373	87.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	216176	144.45	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	881910	79.47	ng	-0.02
78) Terphenyl-d14	12.68	244	743280	52.08	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	37870	4.586	ng	94
49) Dimethylphthalate	9.34	163	154777	11.724	ng	97

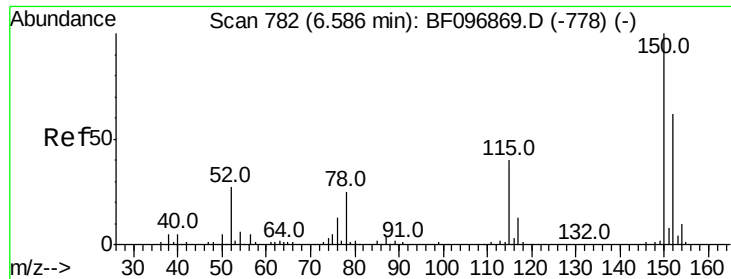
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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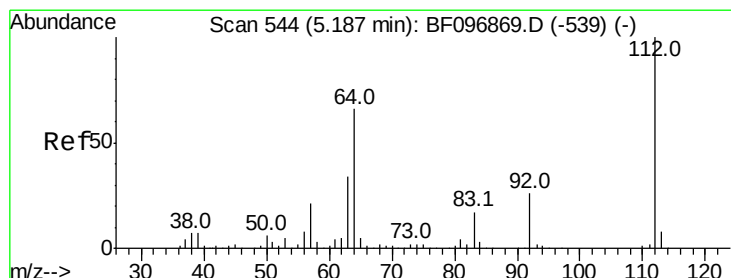
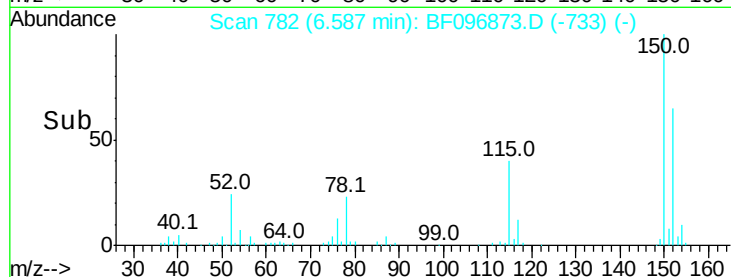
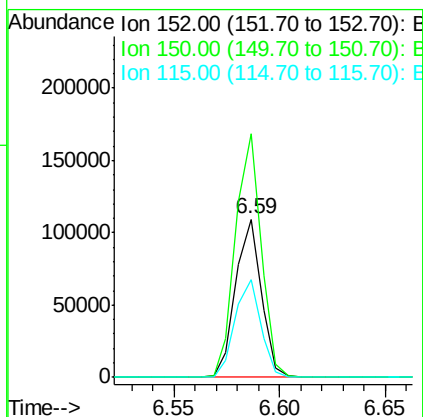
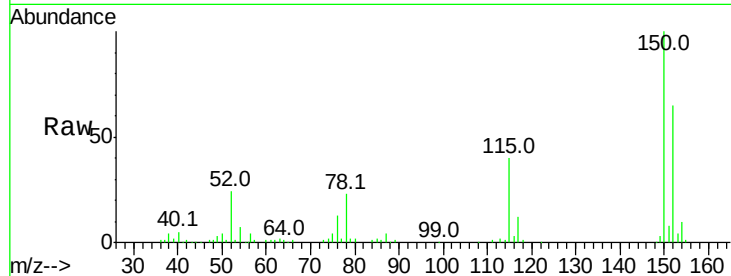


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2

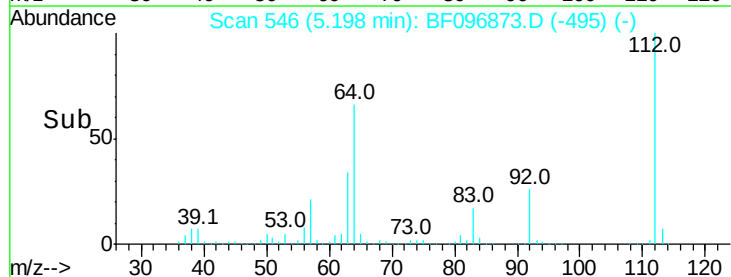
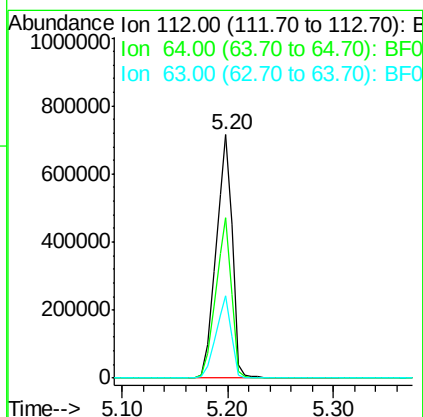
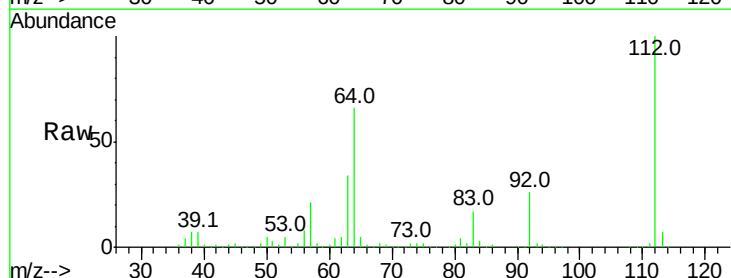
Tot Ion:152 Resp: 91535
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 61.4 52.2 78.2

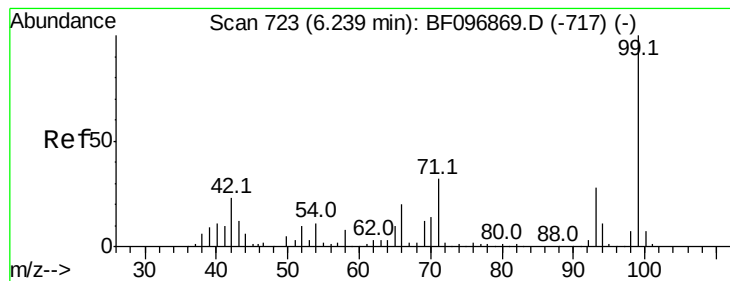


#5

2-Fluorophenol
Concen: 127.516 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion:112 Resp: 776290
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 132.866 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2

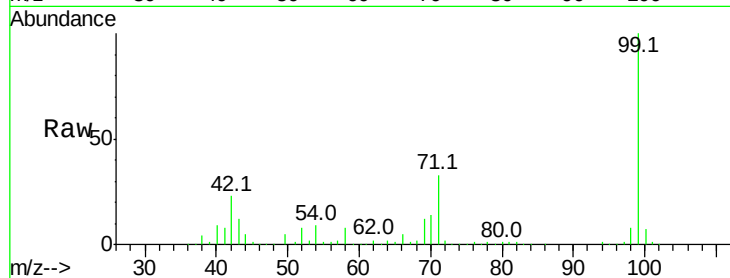
Tot Ion: 99 Resp: 970659

Ion Ratio Lower Upper

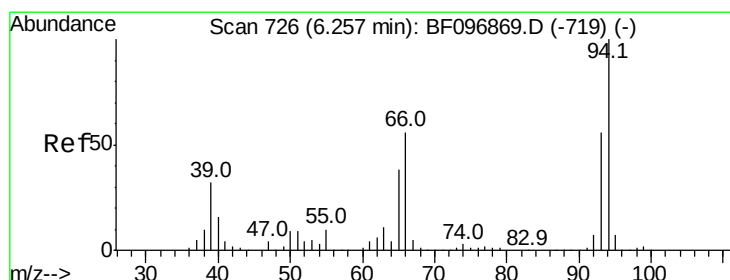
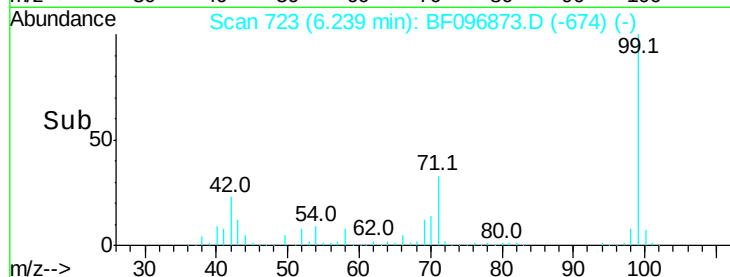
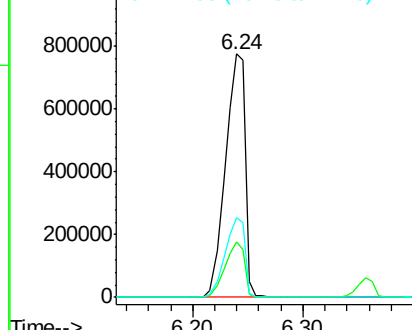
99 100

42 22.7 13.5 20.3#

71 32.8 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



#10

Phenol

Concen: 4.586 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

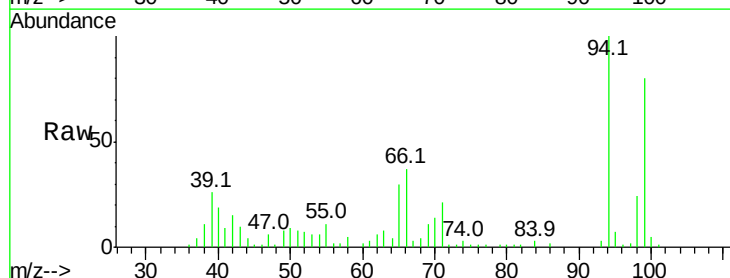
Tgt Ion: 94 Resp: 37870

Ion Ratio Lower Upper

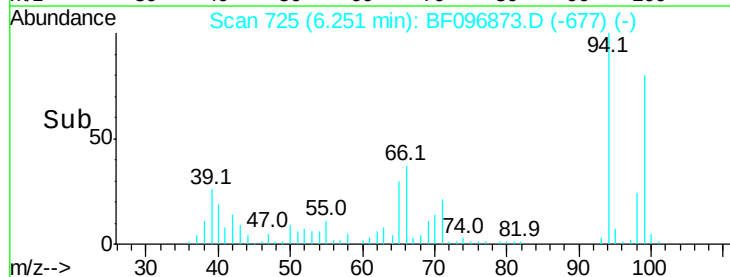
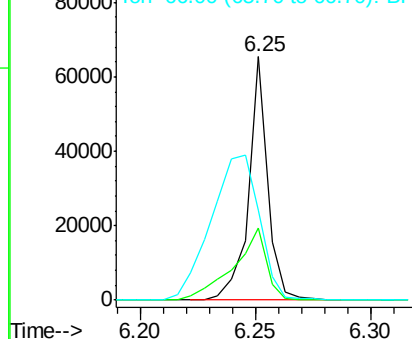
94 100

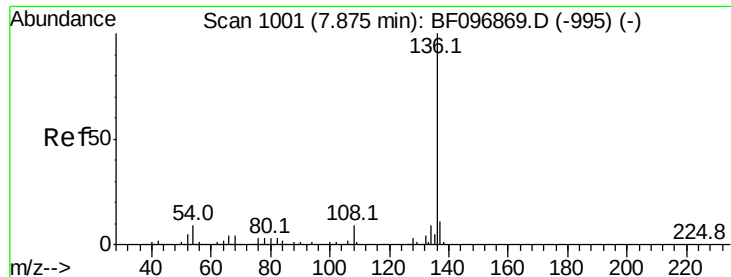
65 29.8 9.9 49.9

66 37.1 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

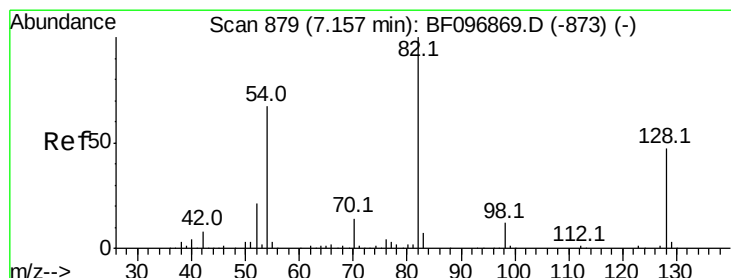
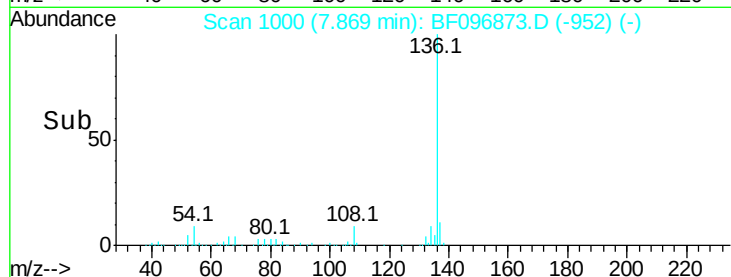
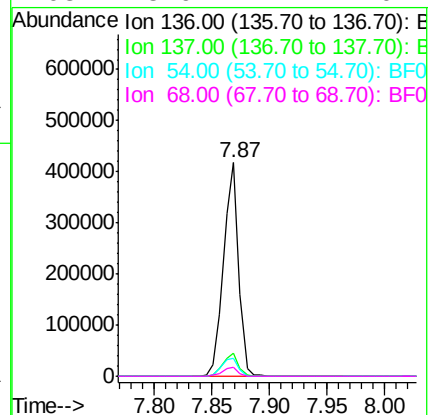
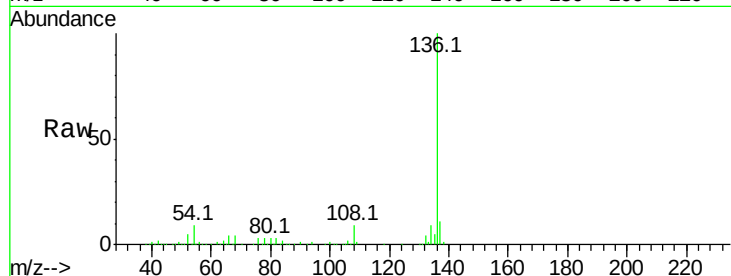




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

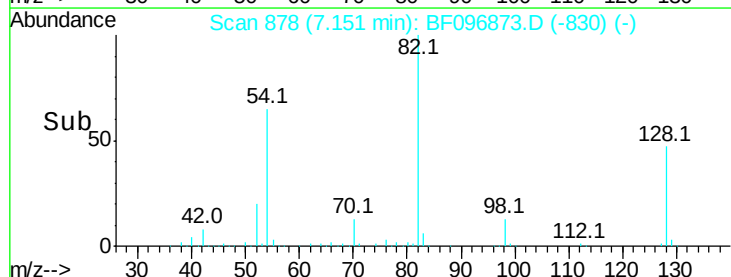
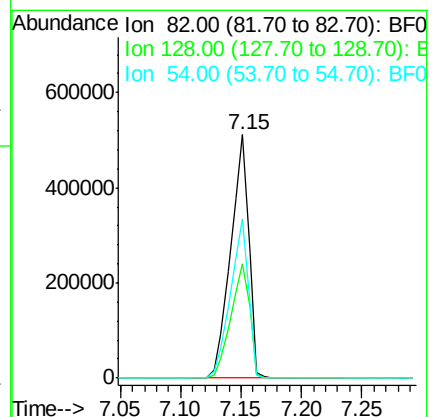
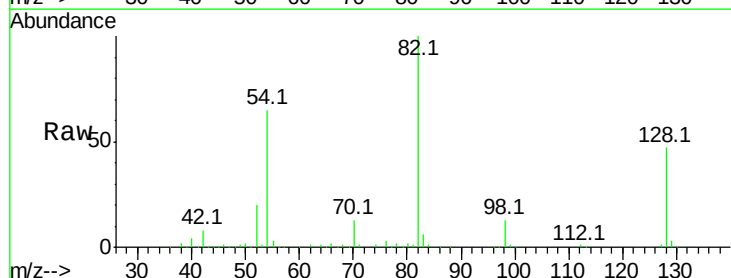
Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2

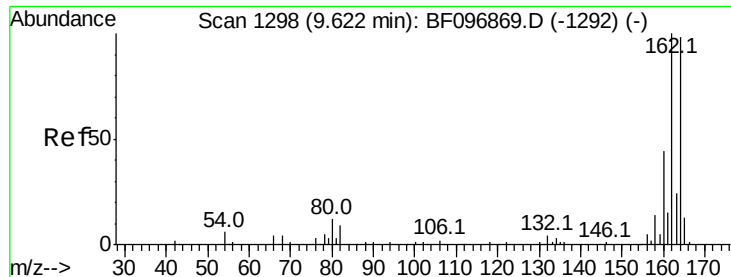
Tot Ion:136 Resp: 377451
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.7 4.9 7.3#
68 3.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 87.528 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion: 82 Resp: 533373
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 65.5 42.2 63.2#

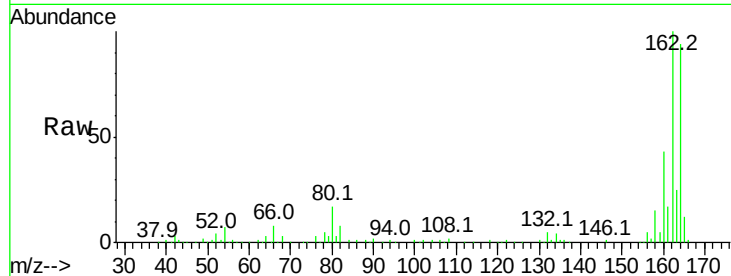




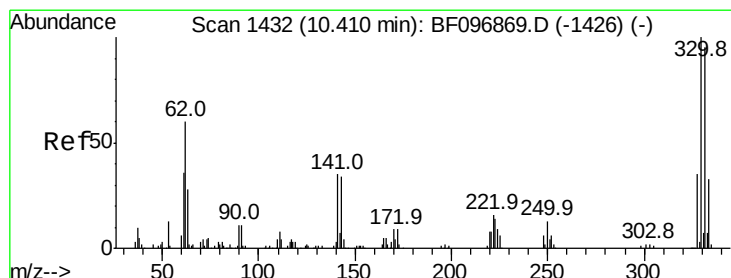
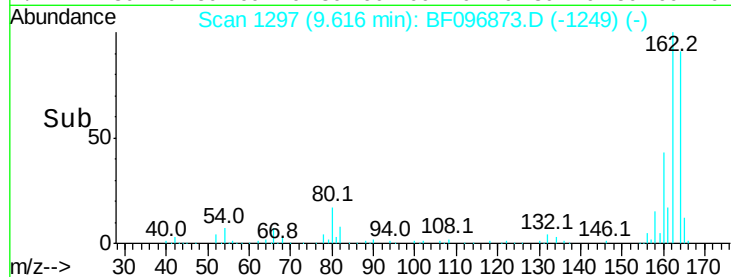
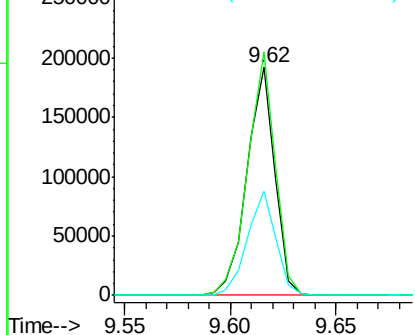
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2

Tot Ion:164 Resp: 175326
Ion Ratio Lower Upper
164 100
162 106.7 82.6 123.8
160 45.9 36.2 54.2

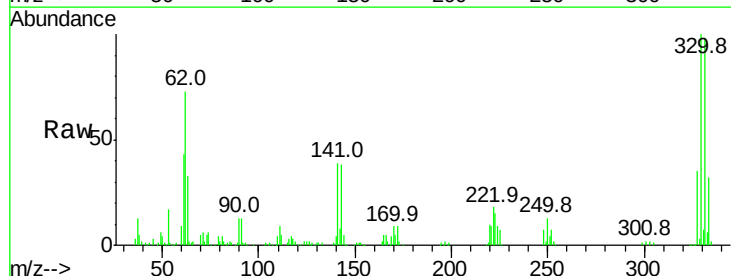


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

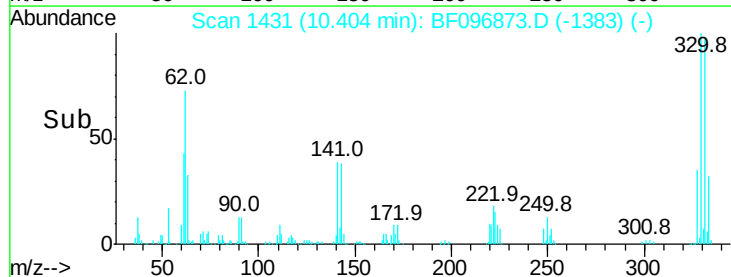
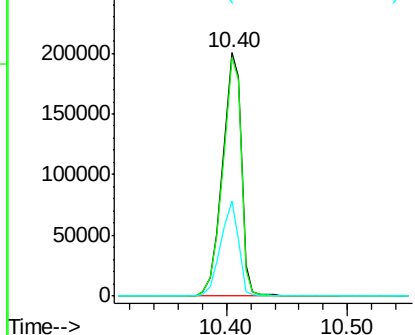


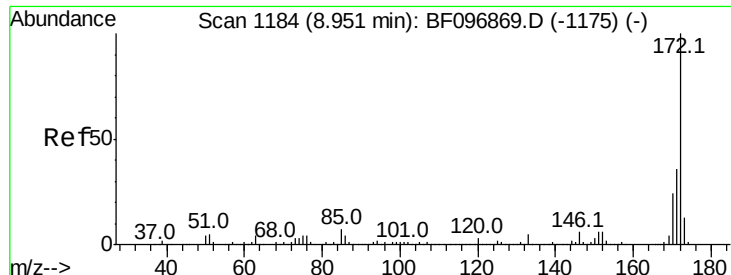
#41
2,4,6-Tribromophenol
Concen: 144.449 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion:330 Resp: 216176
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 36.9 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



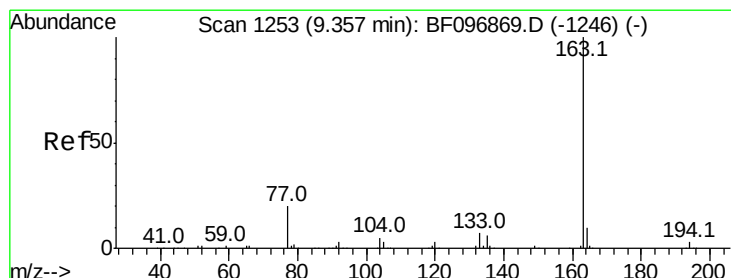
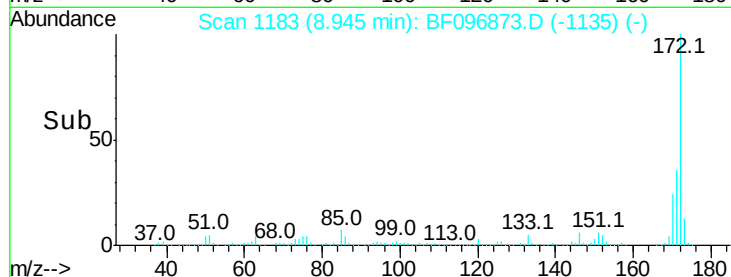
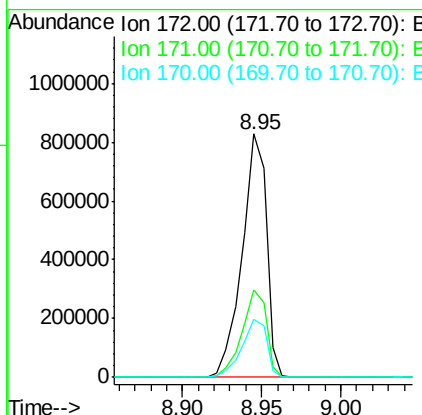
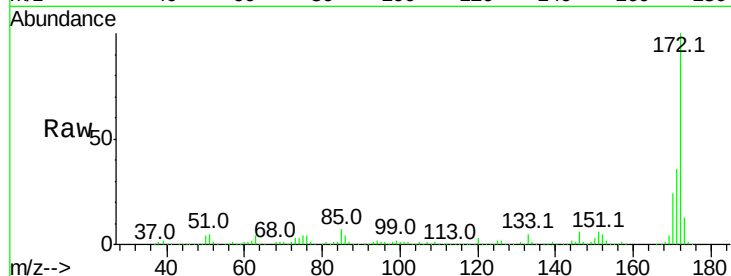


#44
 2-Fluorobiphenyl
 Concen: 79.472 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2

Tot Ion:172 Resp: 881910

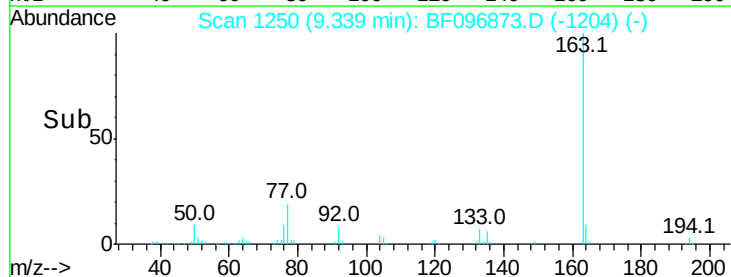
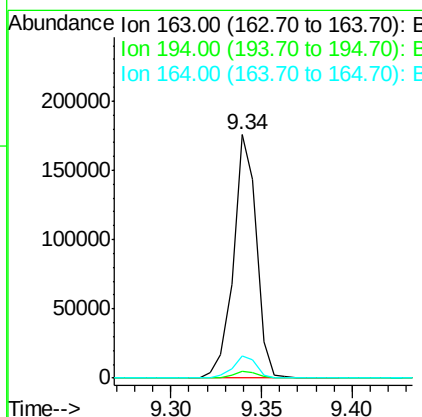
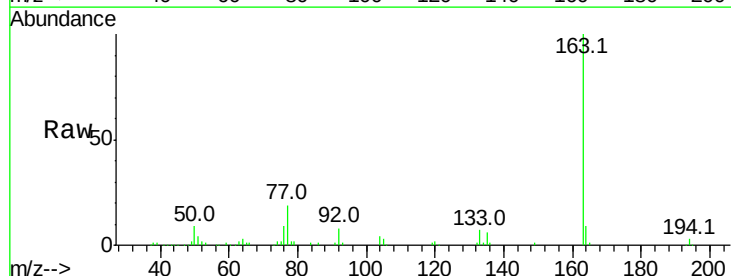
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8

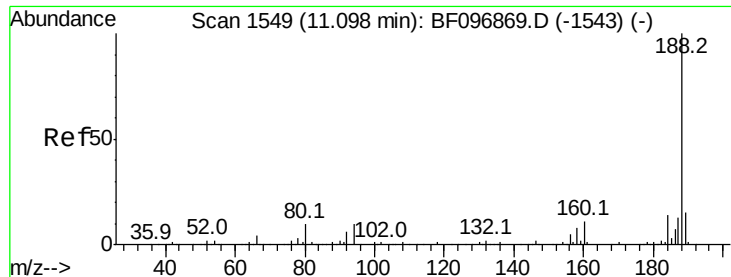


#49
 Dimethylphthalate
 Concen: 11.724 ng
 RT: 9.34 min Scan# 1250
 Delta R.T. -0.03 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Tgt Ion:163 Resp: 154777

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.3	8.4	12.6

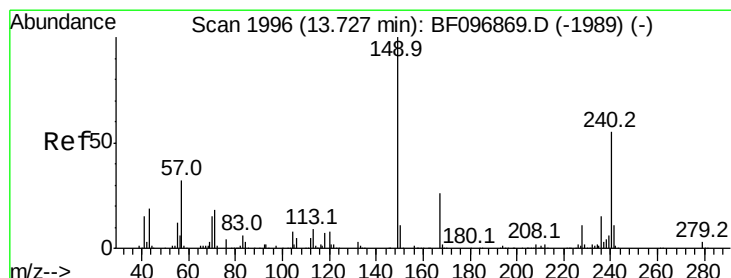
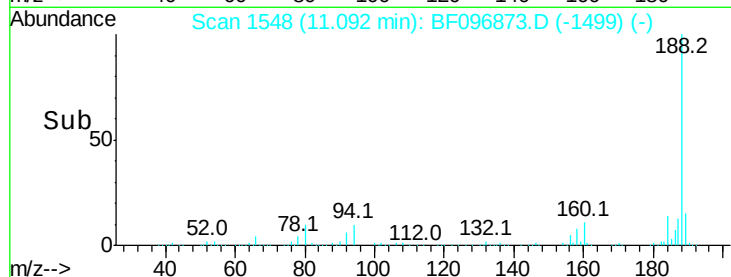
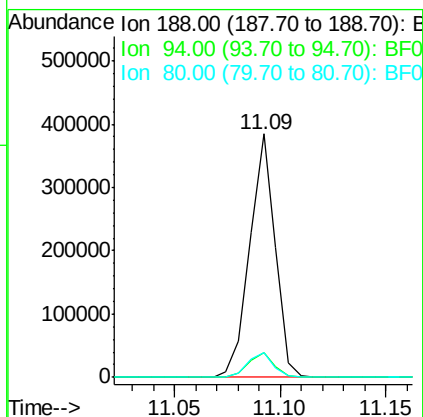
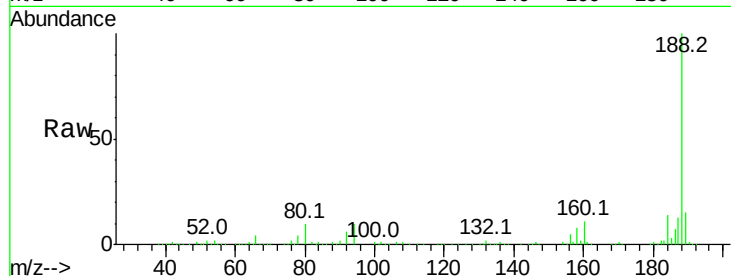




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

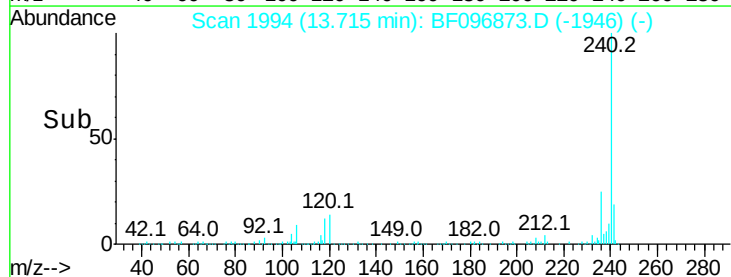
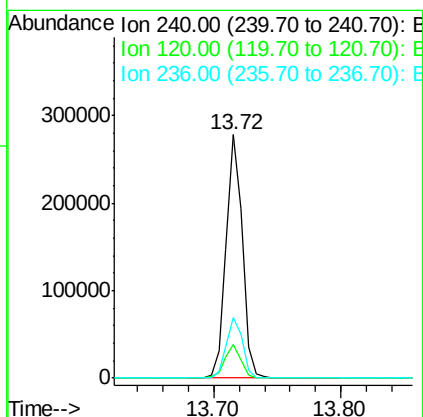
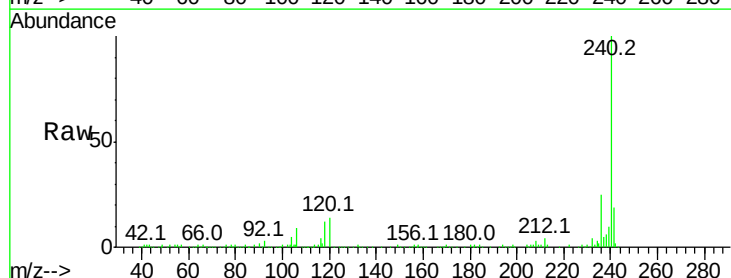
Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2

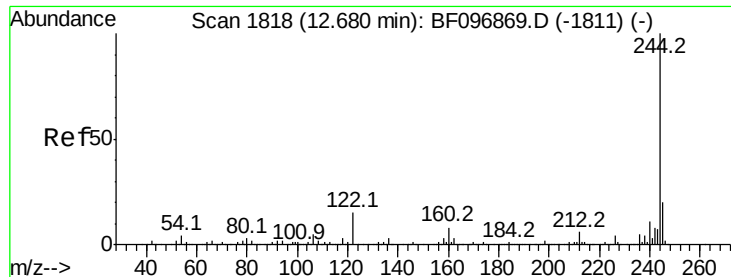
Tot Ion:188 Resp: 322557
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.2 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion:240 Resp: 247528
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 52.077 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2

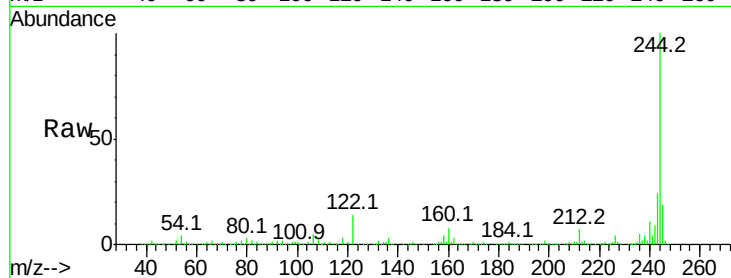
Tot Ion:244 Resp: 743280

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

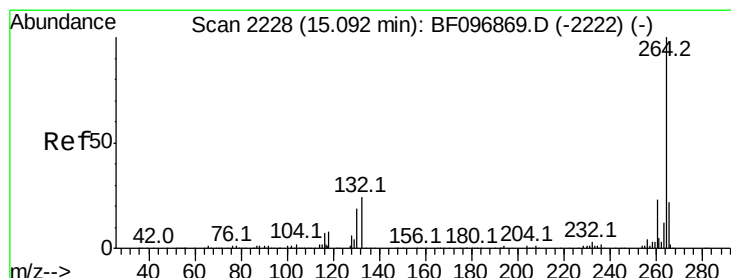
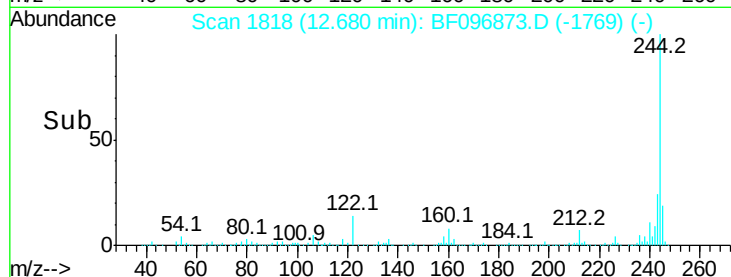
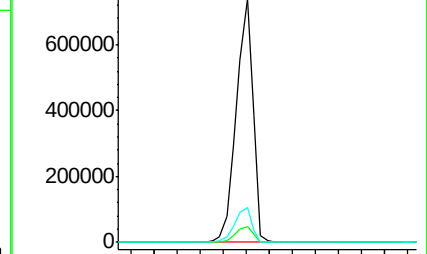
122 14.4 10.3 15.5



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: 15.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

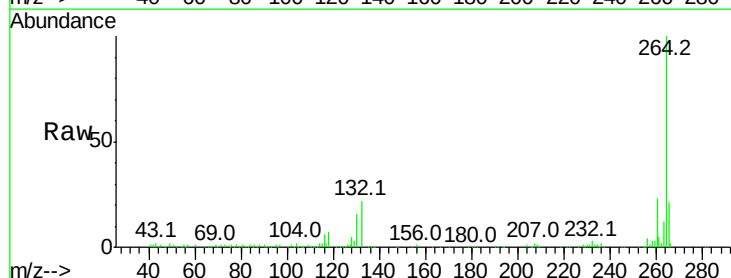
Tgt Ion:264 Resp: 169556

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.9 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

