

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096478.D
 Acq On : 5 Jul 2017 12:36
 Operator : SJ/MA
 Sample : I3975-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14

Quant Time: Jul 05 13:57:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

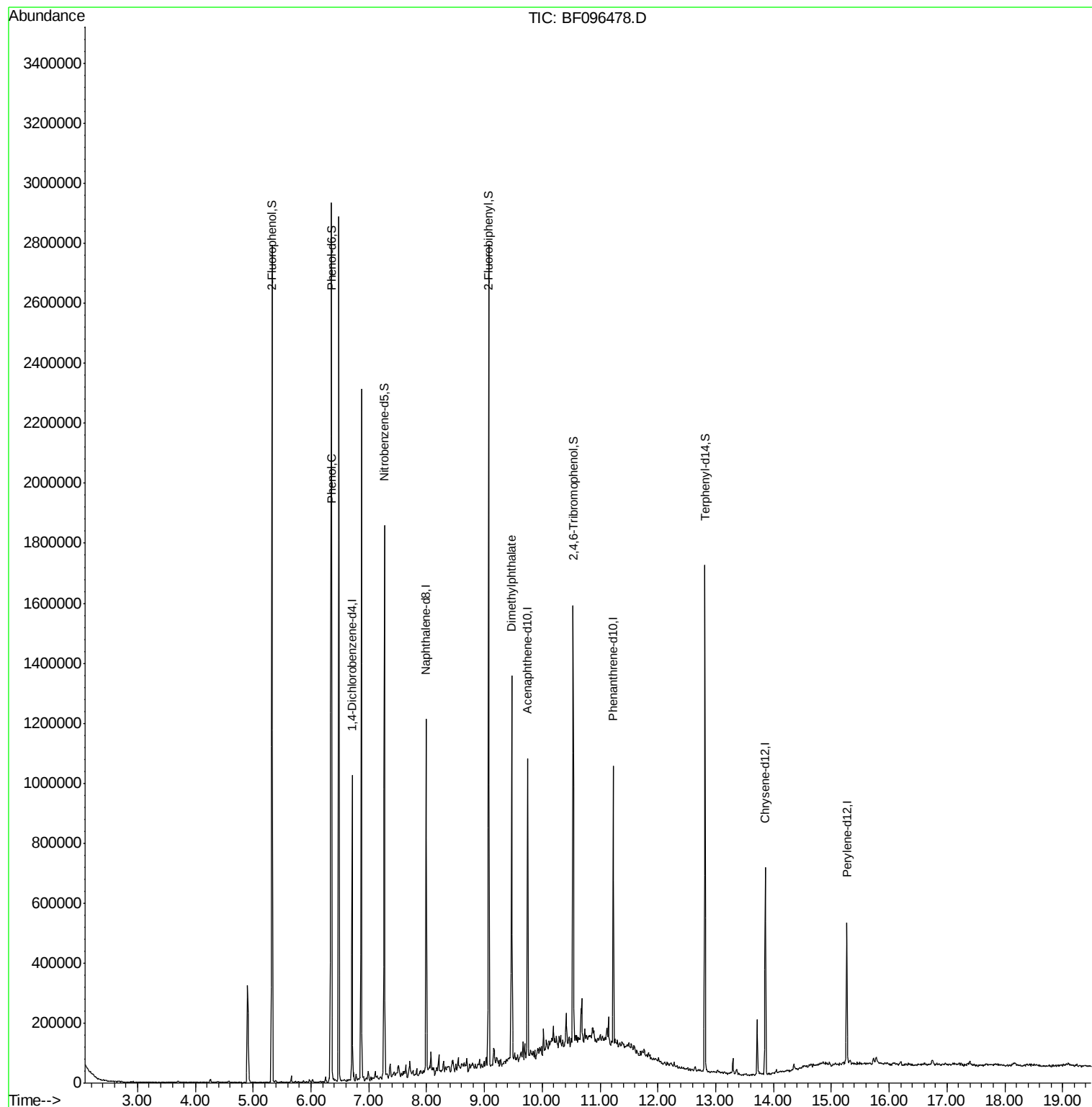
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	137268	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	498235	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	207492	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	307100	20.00	ng	0.00
75) Chrysene-d12	13.86	240	220179	20.00	ng	-0.01
86) Perylene-d12	15.27	264	197655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	767723	82.55	ng	0.00
7) Phenol-d6	6.35	99	1040397	91.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	594984	71.76	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	156007	96.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	835877	68.88	ng	0.00
78) Terphenyl-d14	12.82	244	518898	50.36	ng	0.00
Target Compounds						
10) Phenol	6.36	94	29336	2.25	ng	89
49) Dimethylphthalate	9.47	163	477053	30.80	ng	99

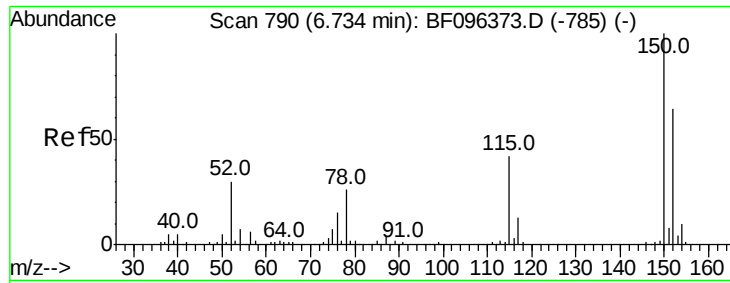
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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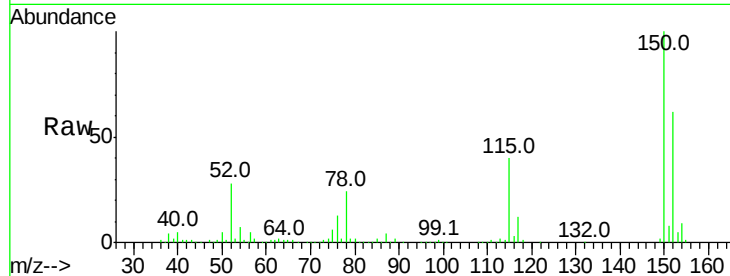


#1

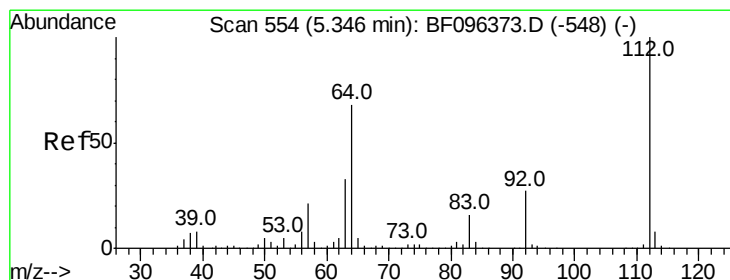
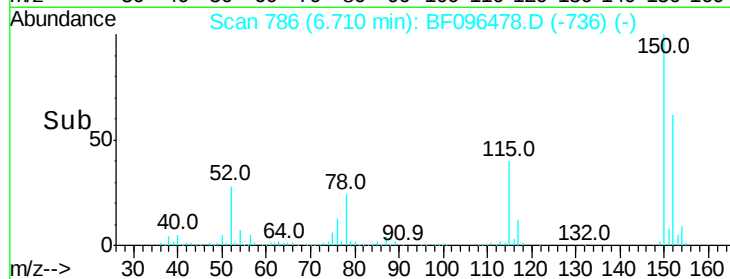
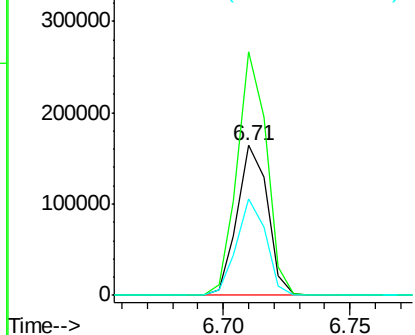
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Instrument :
BNA_F
ClientSampleId :
B8-12-14

Tot Ion:152 Resp: 137268
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 64.2 52.2 78.2



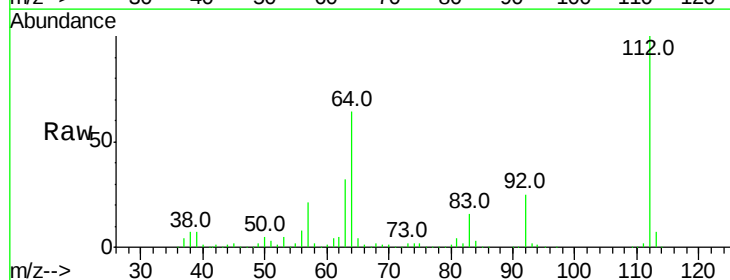
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



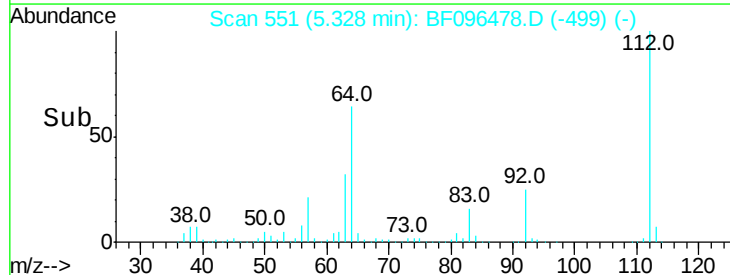
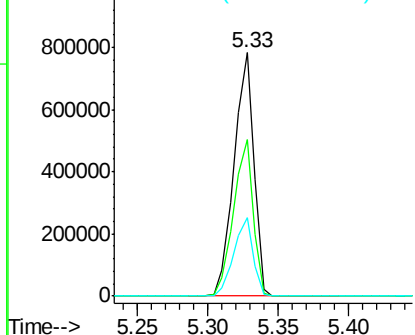
#5

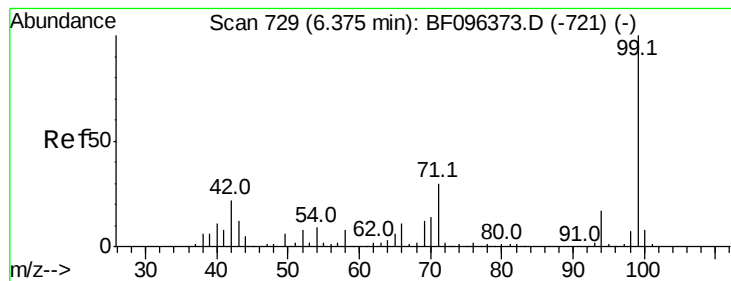
2-Fluorophenol
Concen: 82.55 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Tgt Ion:112 Resp: 767723
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 32.3 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: 91.00 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

B8-12-14

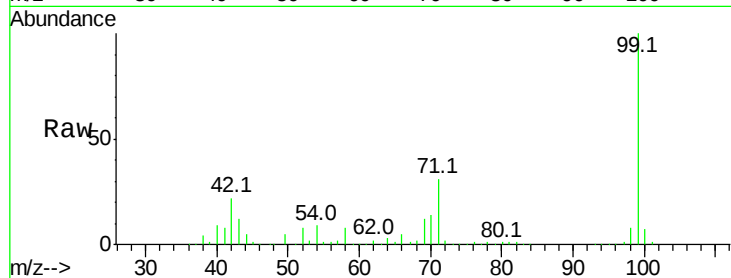
Tot Ion: 99 Resp: 1040397

Ion Ratio Lower Upper

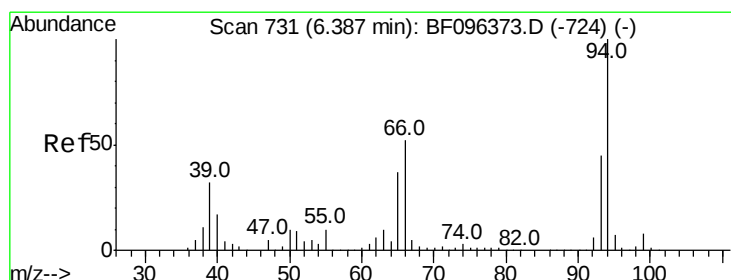
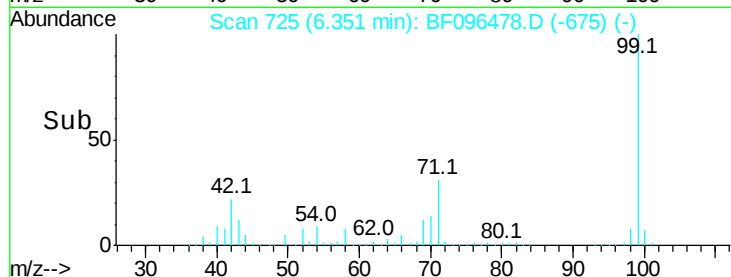
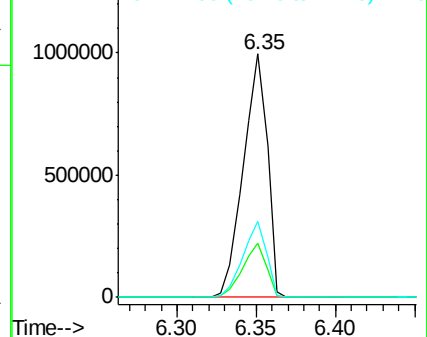
99 100

42 22.4 13.5 20.3#

71 31.2 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: 2.25 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

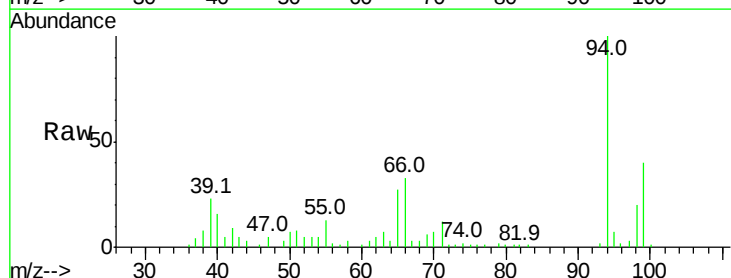
Tgt Ion: 94 Resp: 29336

Ion Ratio Lower Upper

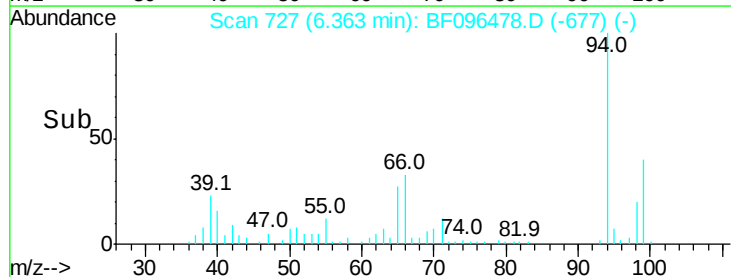
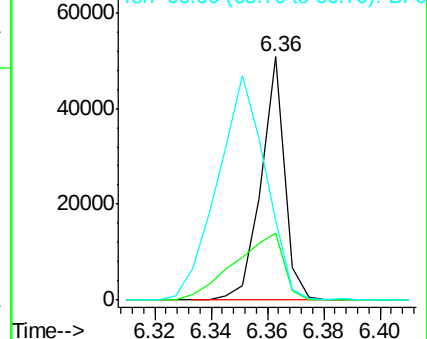
94 100

65 27.4 9.9 49.9

66 32.9 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: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

B8-12-14

Tot Ion:136 Resp: 498235

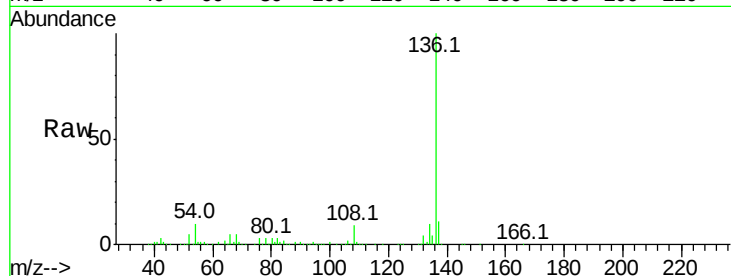
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.2 4.9 7.3#

68 5.2 4.1 6.1

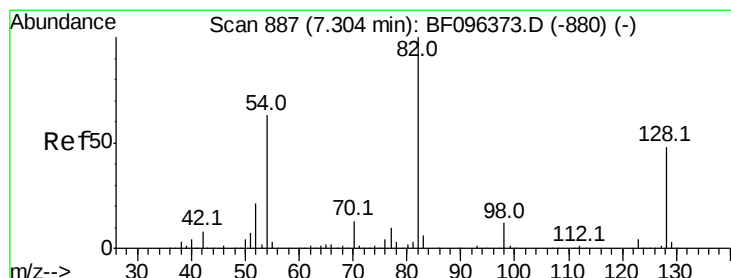
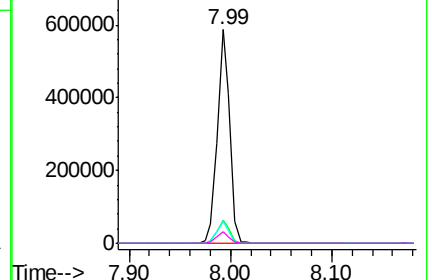
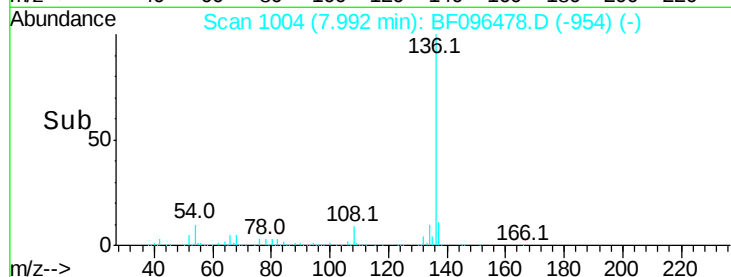


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.76 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

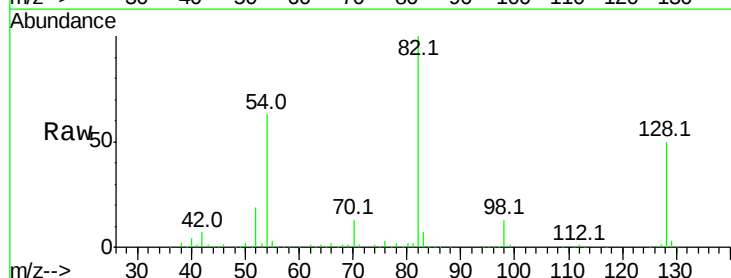
Tgt Ion: 82 Resp: 594984

Ion Ratio Lower Upper

82 100

128 50.1 34.0 51.0

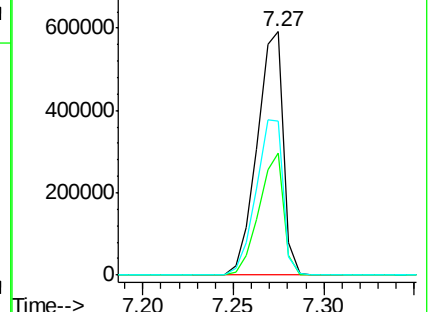
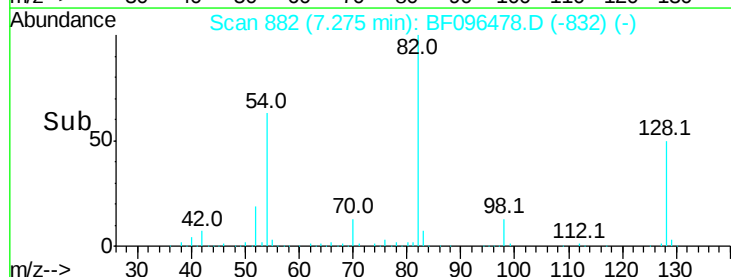
54 63.2 42.2 63.2

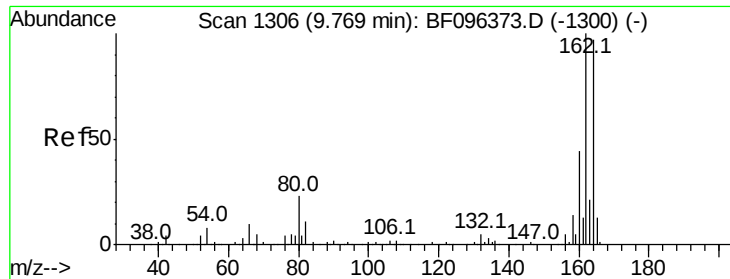


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

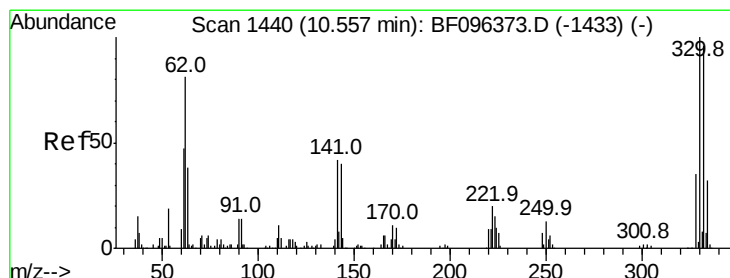
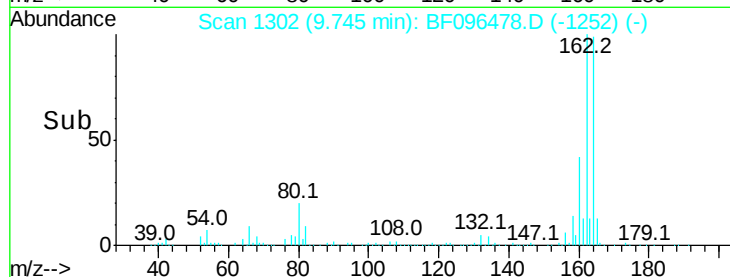
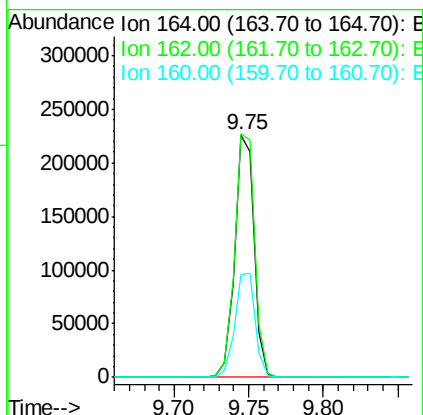
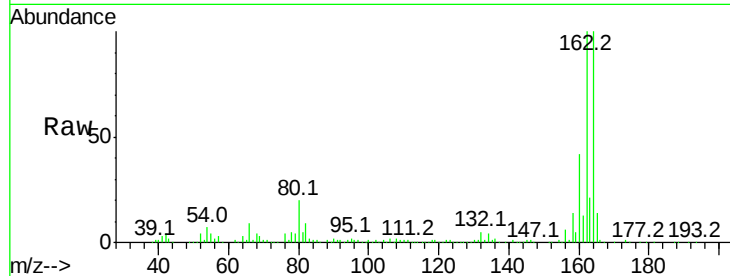




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096478.D
 Acq: 5 Jul 2017 12:36

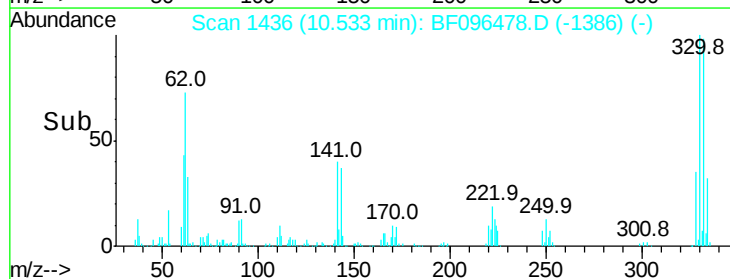
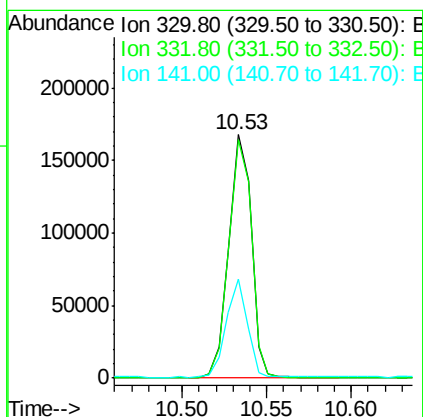
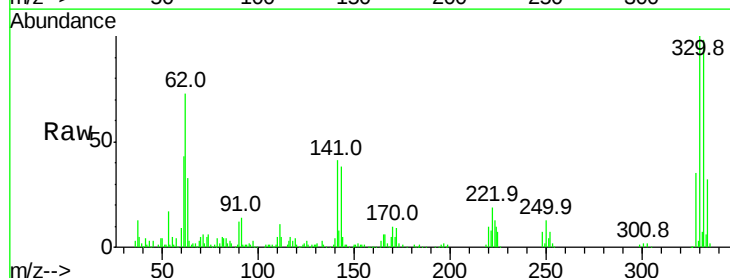
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14

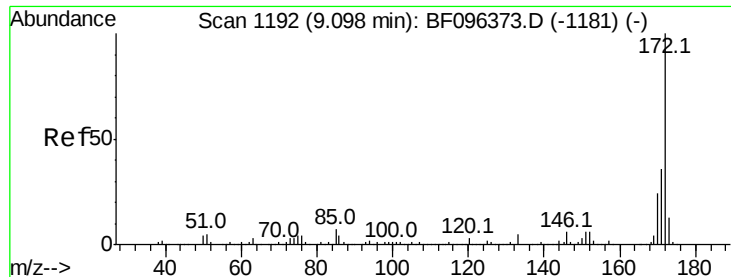
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	42.3	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 96.26 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096478.D
 Acq: 5 Jul 2017 12:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	37.6	31.4	47.2

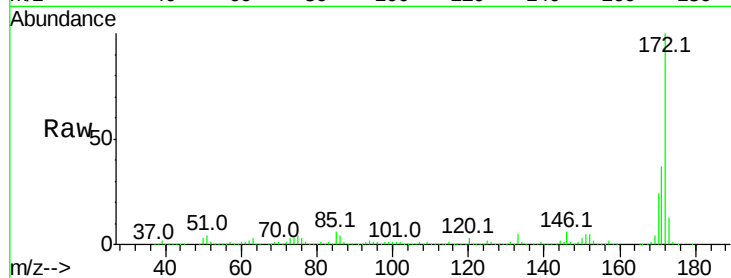




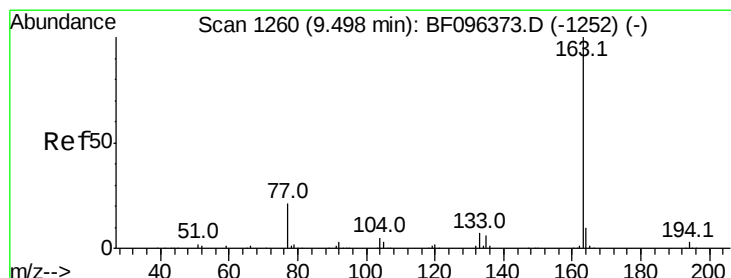
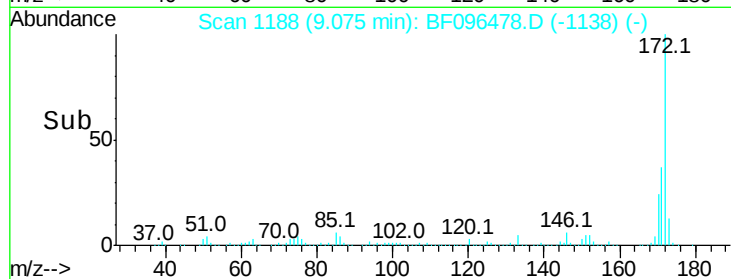
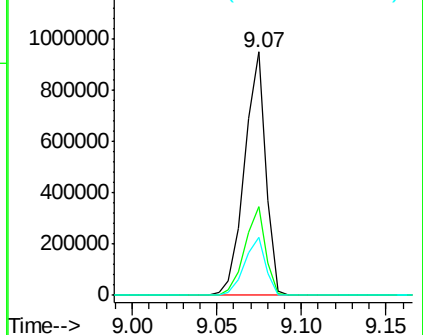
#44
2-Fluorobiphenyl
Concen: 68.88 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Instrument :
BNA_F
ClientSampleId :
B8-12-14

Tot Ion:172 Resp: 835877
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.8 19.8 29.8

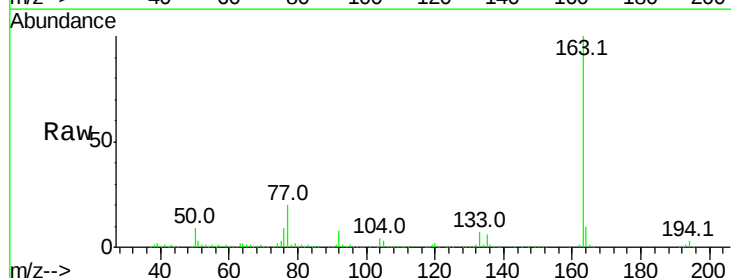


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

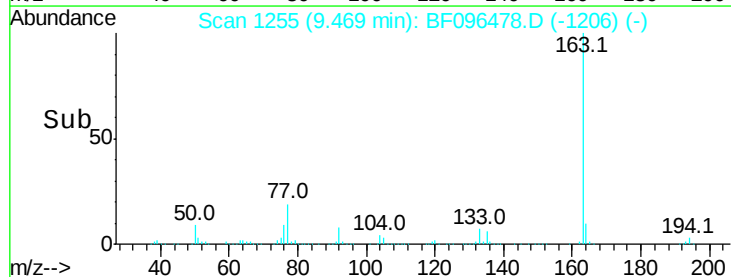
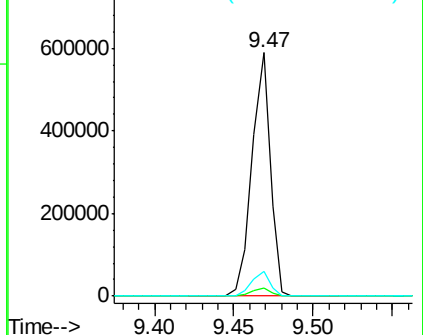


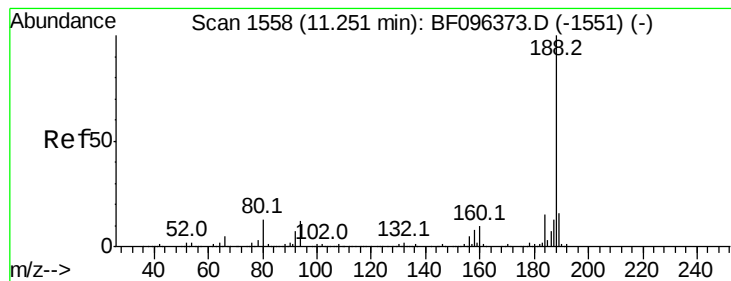
#49
Dimethylphthalate
Concen: 30.80 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Tgt Ion:163 Resp: 477053
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

B8-12-14

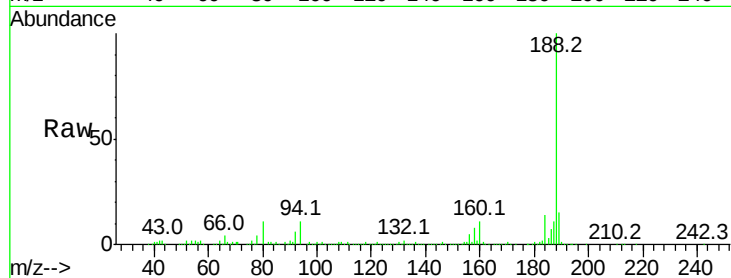
Tot Ion:188 Resp: 307100

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

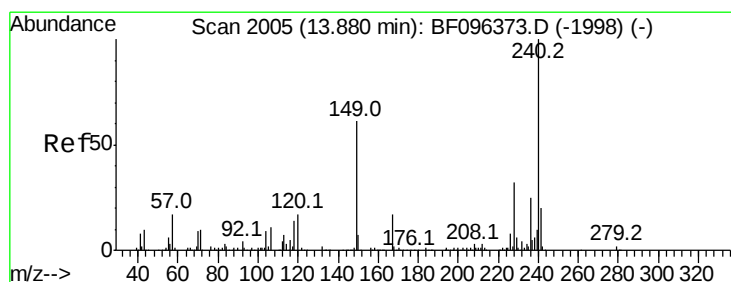
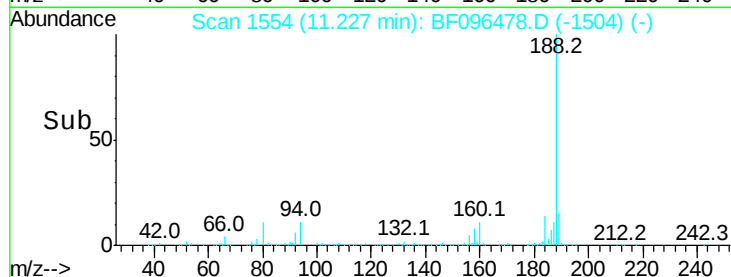
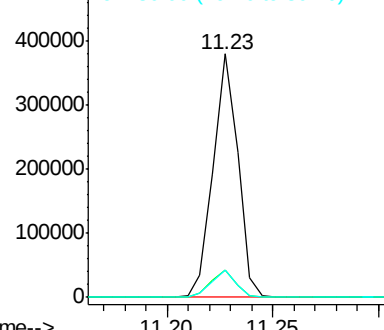
80 11.5 10.2 15.2



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: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

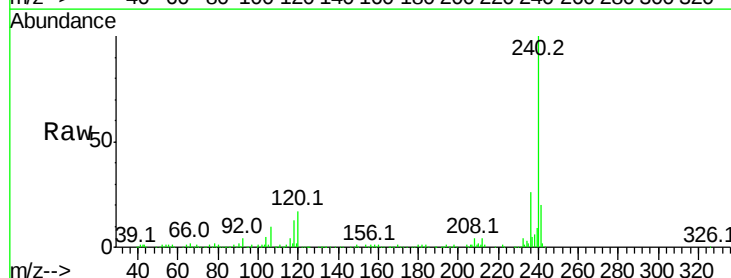
Tgt Ion:240 Resp: 220179

Ion Ratio Lower Upper

240 100

120 16.7 5.8 8.8#

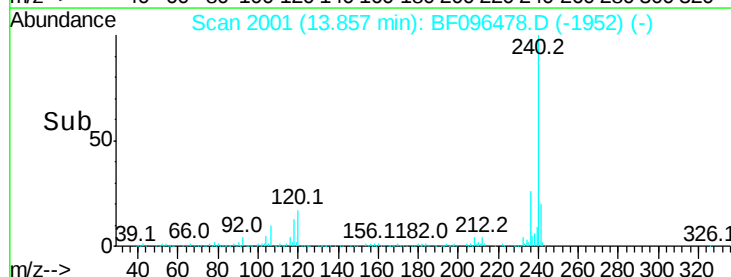
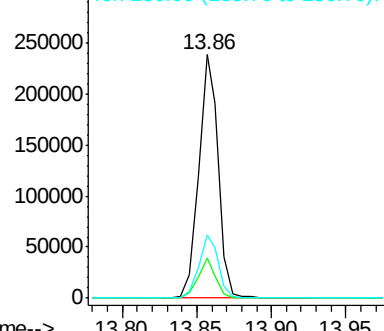
236 26.1 20.5 30.7

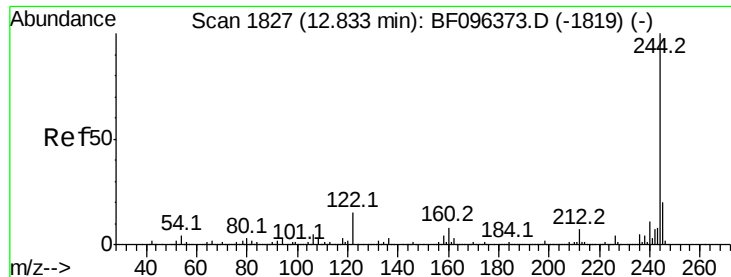


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.36 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

B8-12-14

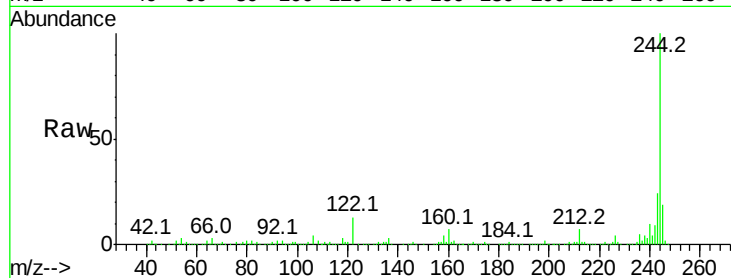
Tot Ion:244 Resp: 518898

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

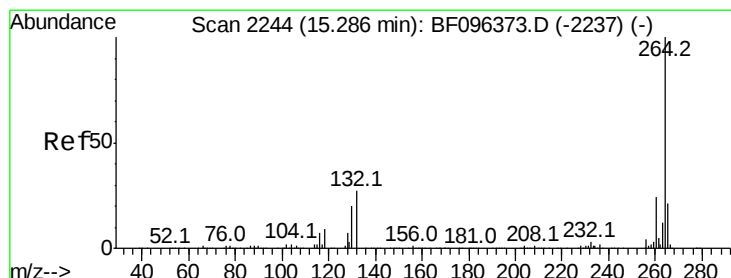
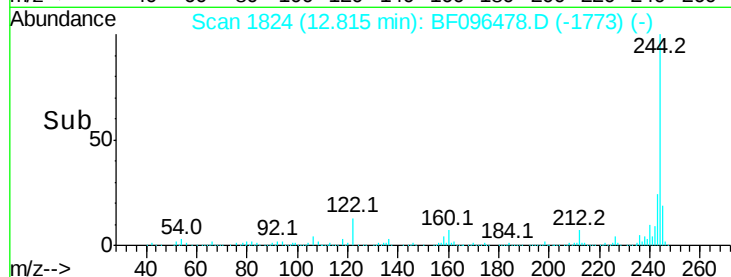
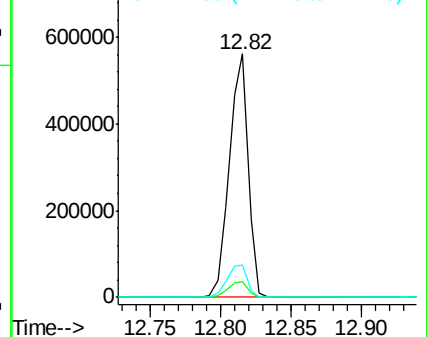
122 13.2 10.3 15.5



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: 20.00 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

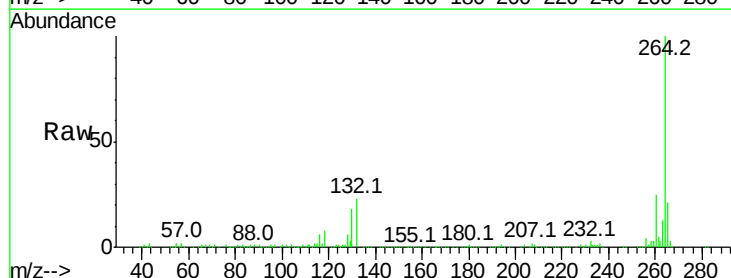
Tgt Ion:264 Resp: 197655

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 20.8 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

