

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084871.D
 Acq On : 5 Feb 2016 20:33
 Operator : SJ/IZ
 Sample : H1328-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-25

Quant Time: Feb 05 23:07:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

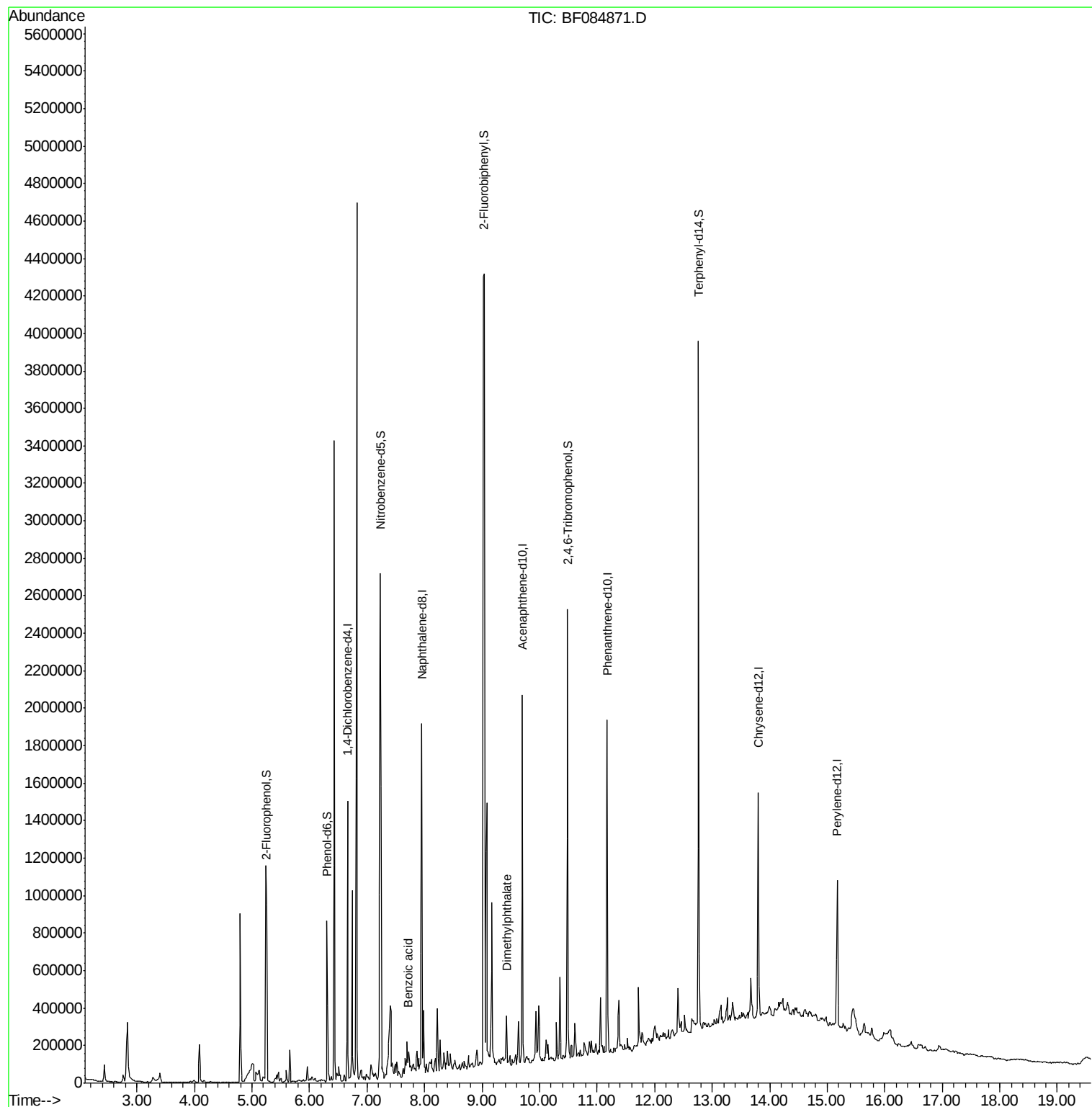
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	205449	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	888043	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	377807	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	603097	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	393907	20.00	ng	-0.03
86) Perylene-d12	15.17	264	343103	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	431868	32.74	ng	-0.02
7) Phenol-d6	6.30	99	316882	19.38	ng	-0.03
23) Nitrobenzene-d5	7.23	82	1190934	75.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	318107	80.72	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	2147462	103.05	ng	-0.02
78) Terphenyl-d14	12.76	244	1117694	64.30	ng	-0.03
Target Compounds						Qvalue
32) Benzoic acid	7.72	122	38211	4.13	ng	90
49) Dimethylphthalate	9.42	163	87551	3.04	ng	# 91

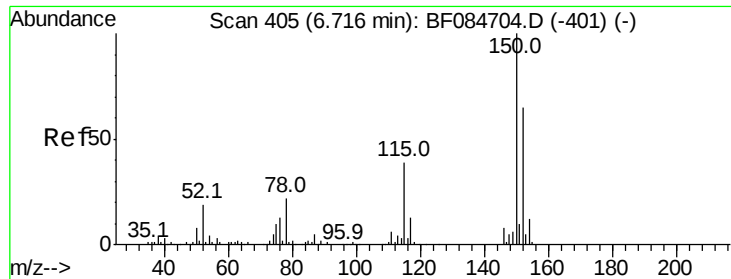
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

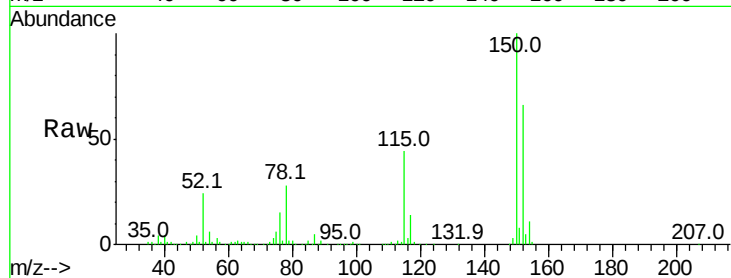
Tot Ion:152 Resp: 205449

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

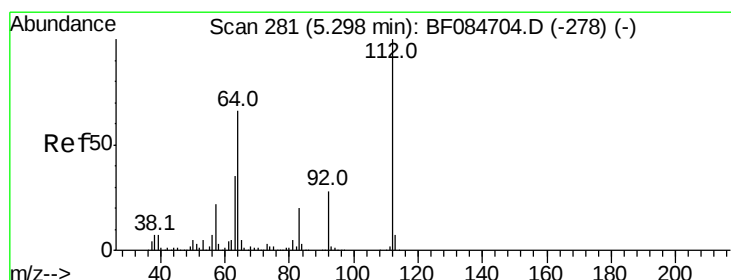
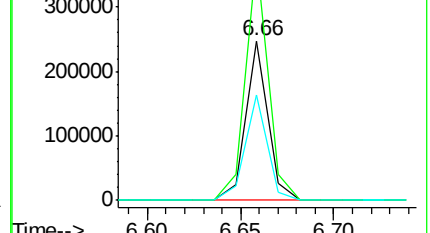
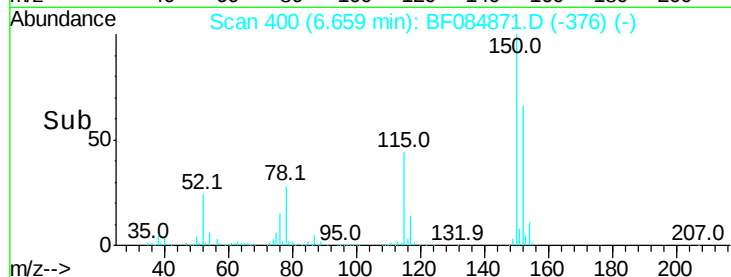
115 66.4 51.4 77.2



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: 32.74 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

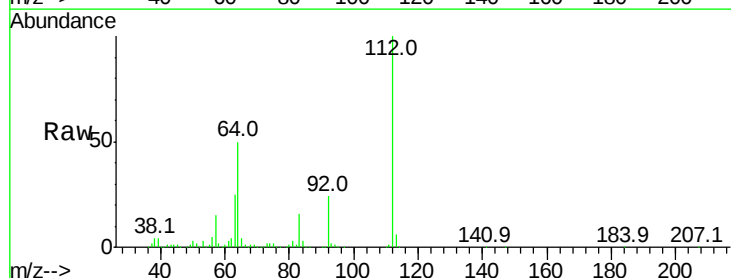
Tgt Ion:112 Resp: 431868

Ion Ratio Lower Upper

112 100

64 50.2 36.6 55.0

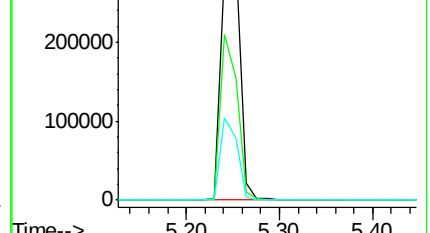
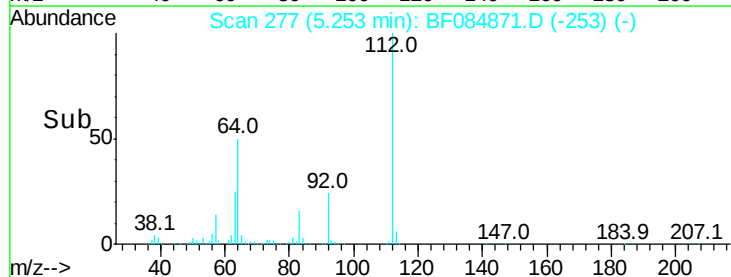
63 25.4 19.4 29.0

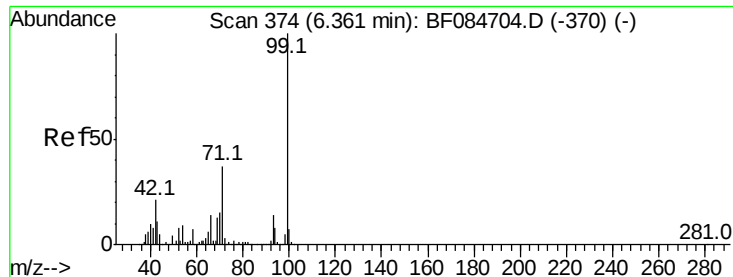


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.38 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

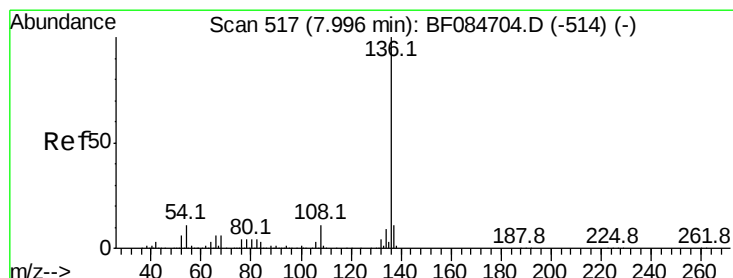
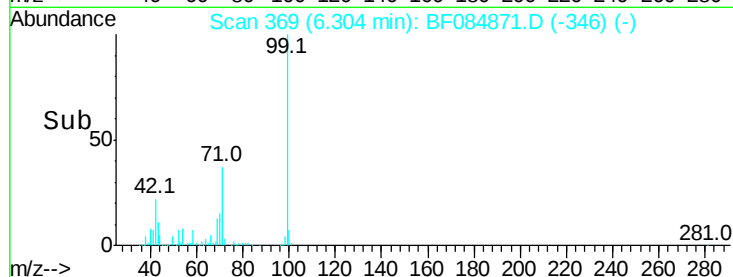
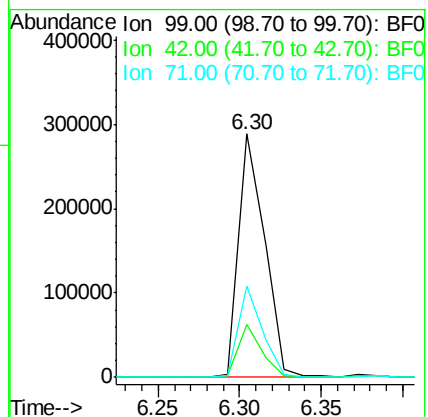
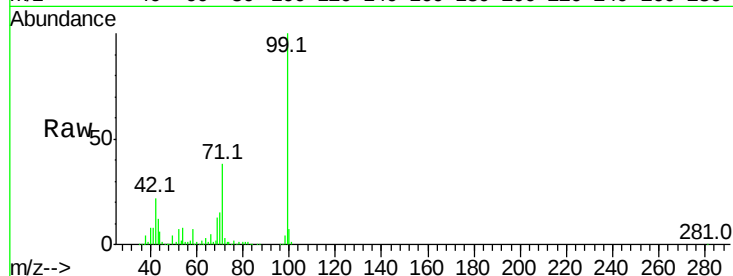
Tot Ion: 99 Resp: 316882

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

71 37.6 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Tgt Ion: 136 Resp: 888043

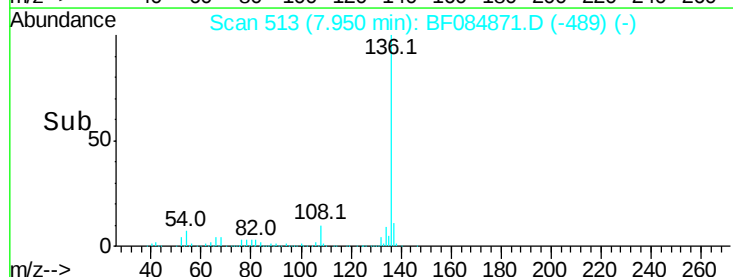
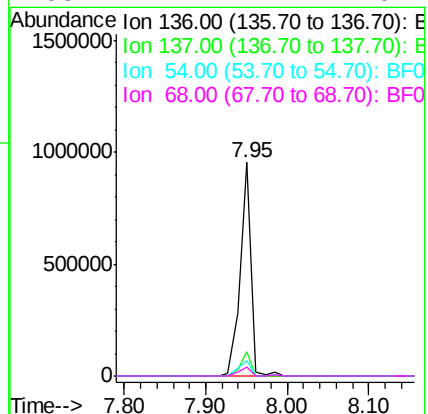
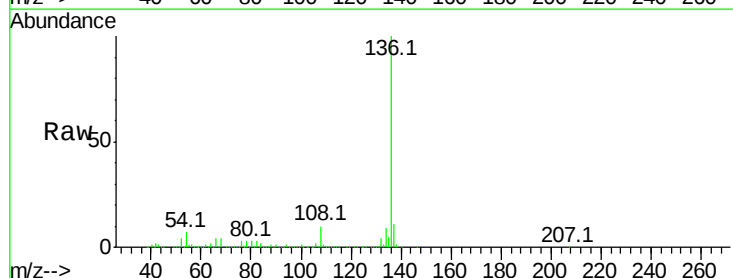
Ion Ratio Lower Upper

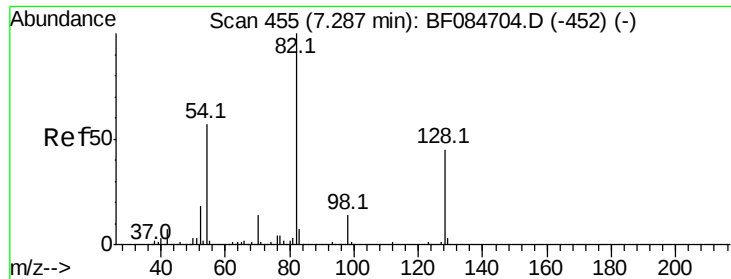
136 100

137 11.2 8.7 13.1

54 7.1 5.8 8.8

68 4.2 4.2 6.2

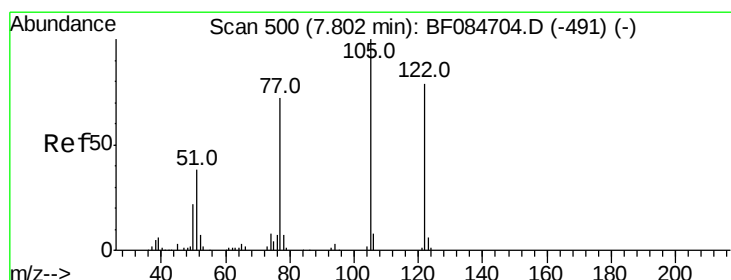
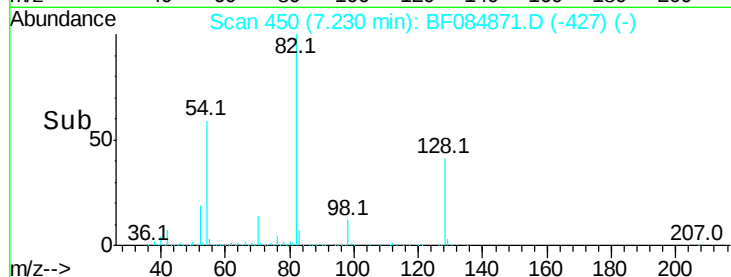
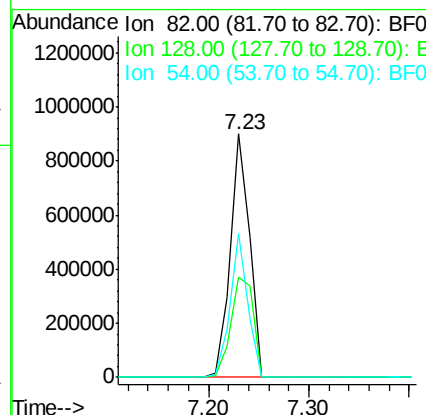
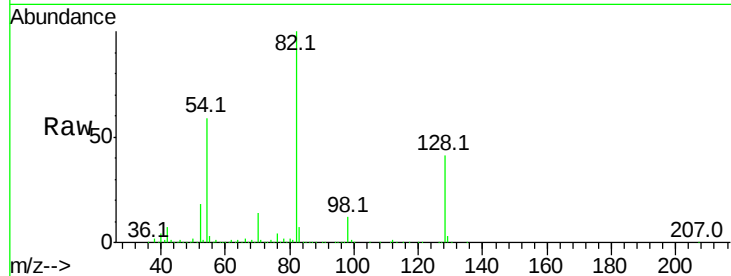




#23
 Nitrobenzene-d5
 Concen: 75.55 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

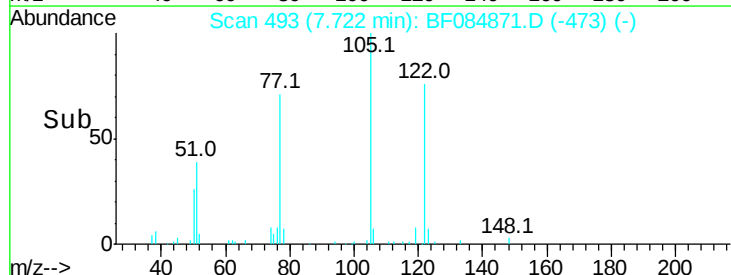
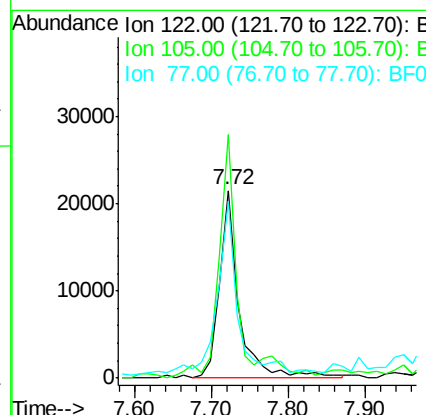
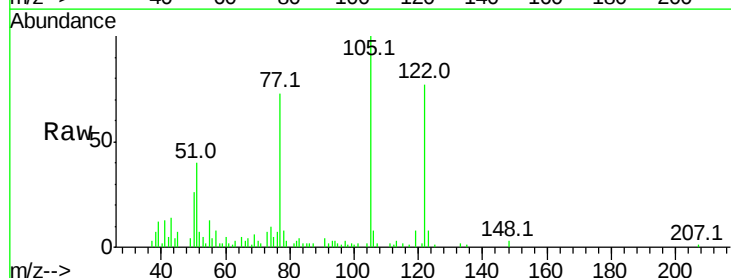
Instrument :
 BNA_F
 ClientSampleId :
 TEC-25

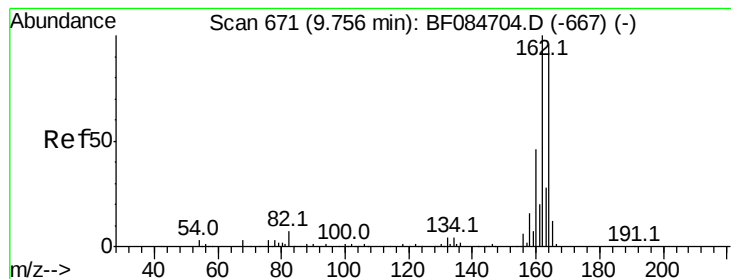
Tot Ion: 82 Resp: 1190934
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 59.1 38.4 57.6#



#32
 Benzoic acid
 Concen: 4.13 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.07 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Tgt Ion: 122 Resp: 38211
 Ion Ratio Lower Upper
 122 100
 105 129.9 100.3 140.3
 77 94.6 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampled :

TEC-25

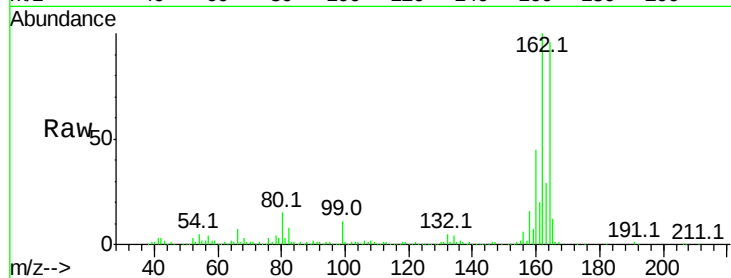
Tot Ion:164 Resp: 377807

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

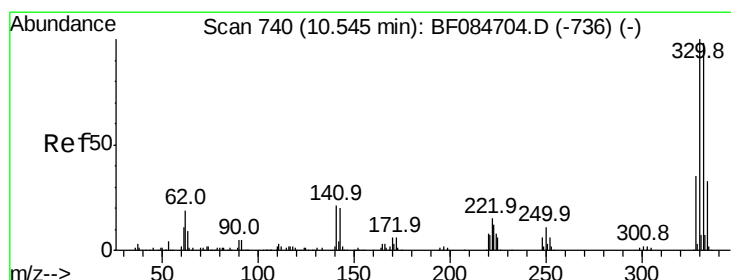
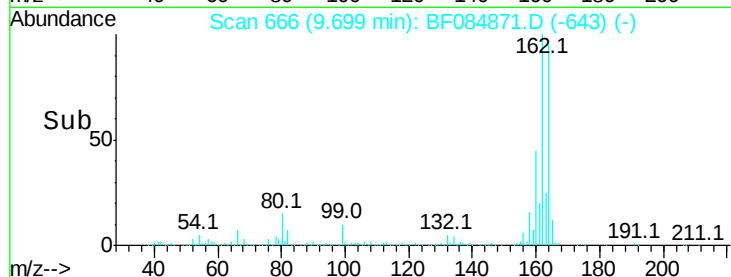
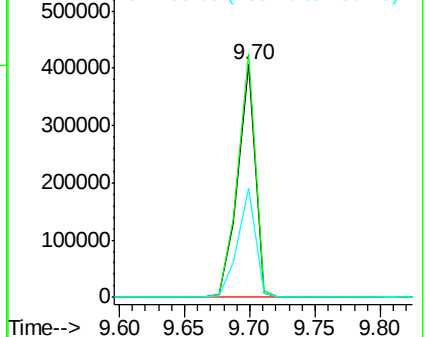
160 47.1 37.5 56.3



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: 80.72 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

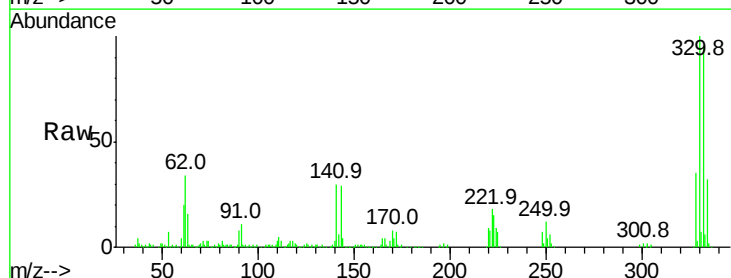
Tgt Ion:330 Resp: 318107

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

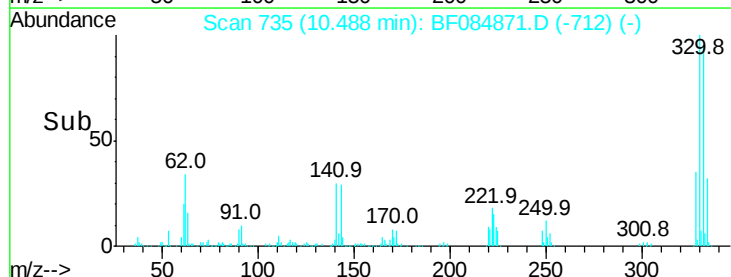
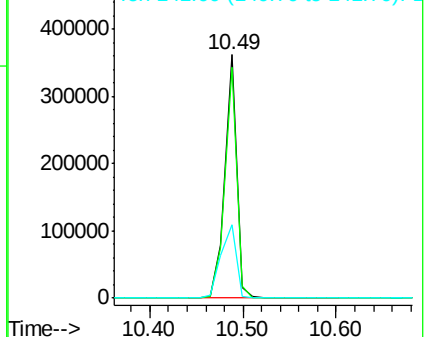
141 38.4 27.8 41.6

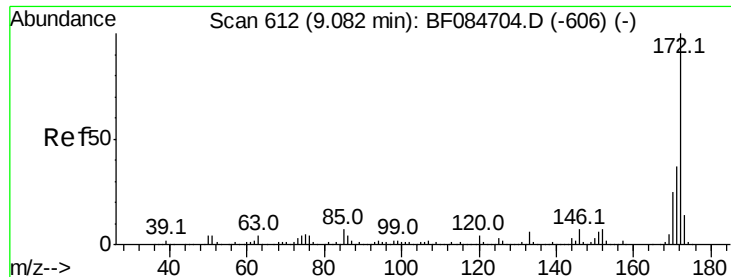


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

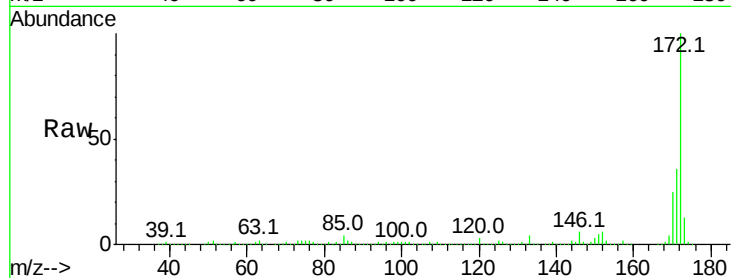




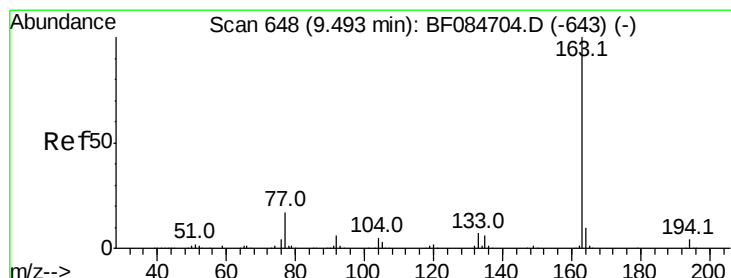
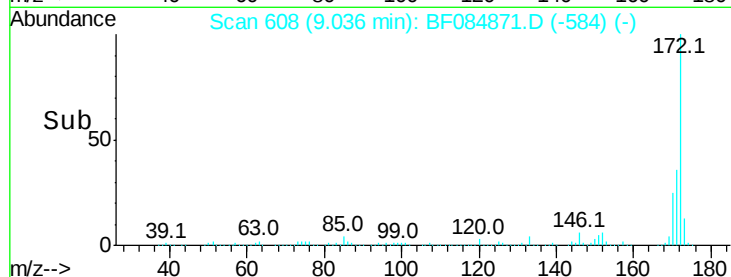
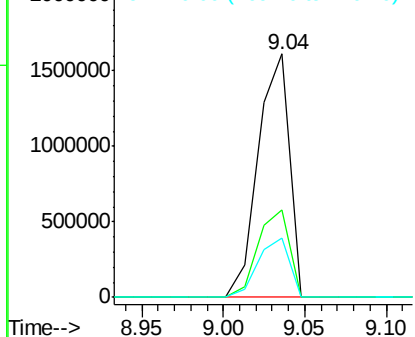
#44
2-Fluorobiphenyl
Concen: 103.05 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TEC-25

Tot Ion:172 Resp: 2147462
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.6 18.6 27.8

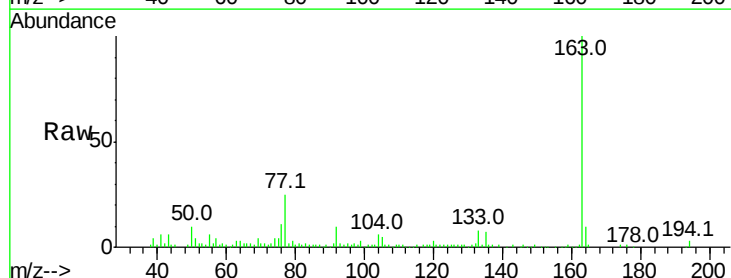


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

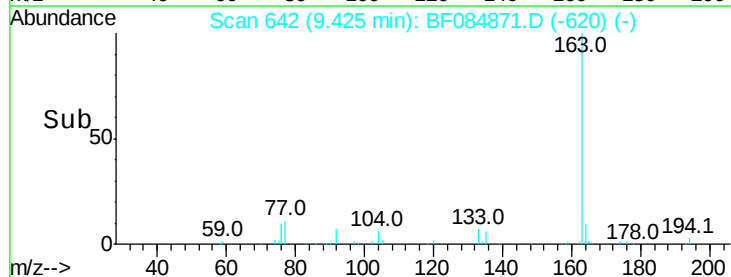
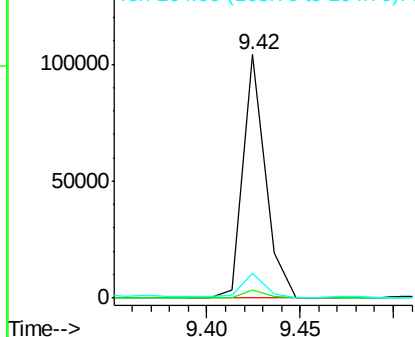


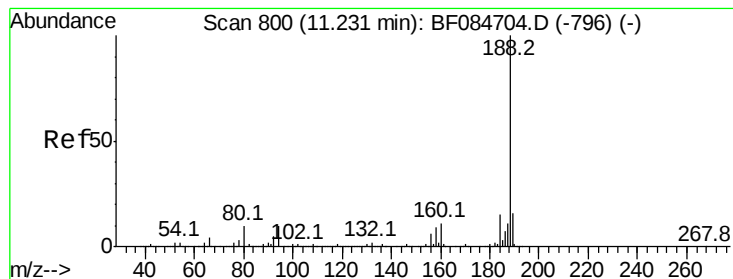
#49
Dimethylphthalate
Concen: 3.04 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Tgt Ion:163 Resp: 87551
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.3 8.0 12.0



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

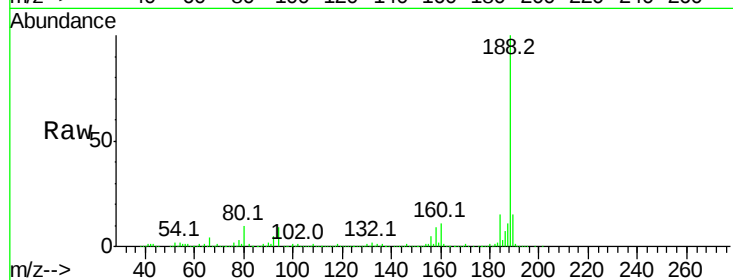
Tot Ion:188 Resp: 603097

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

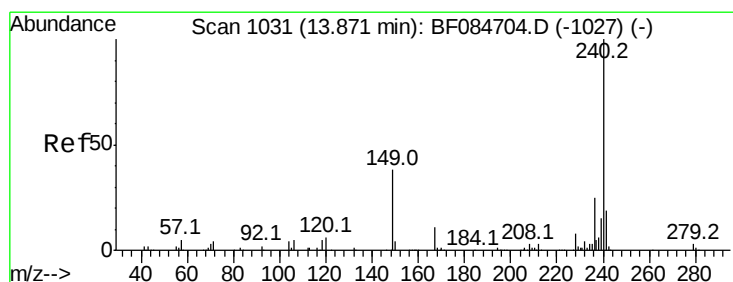
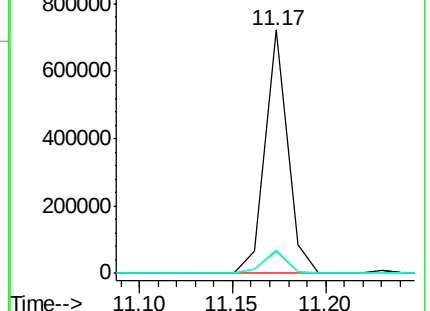
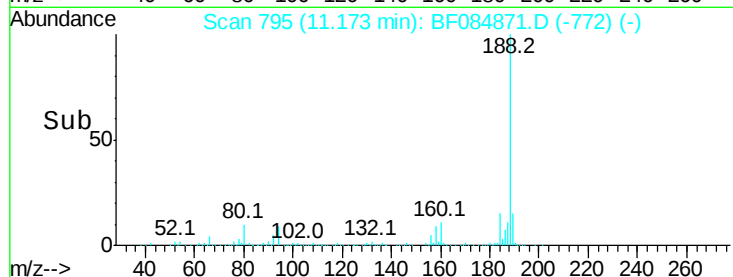
80 9.7 9.6 14.4



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

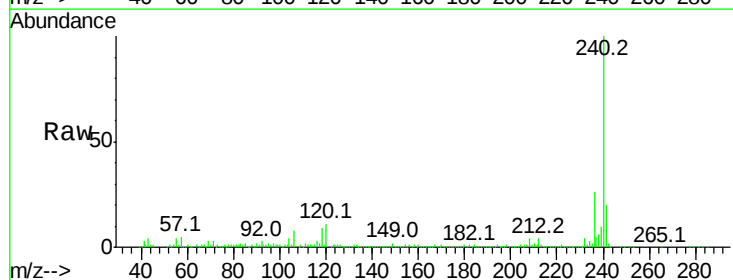
Tgt Ion:240 Resp: 393907

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

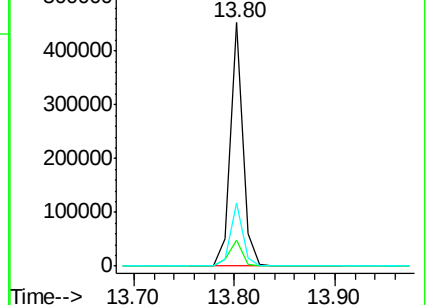
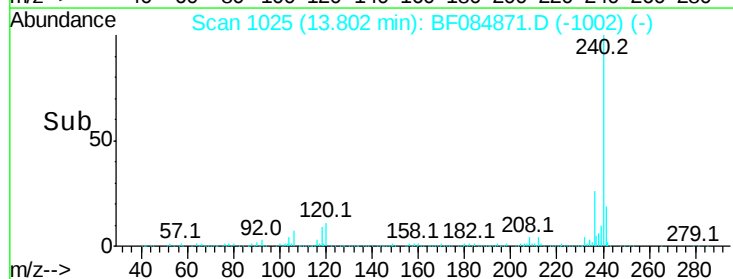
236 25.8 20.6 31.0

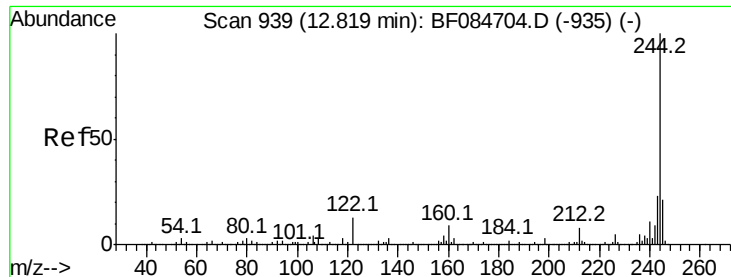


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.30 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

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TEC-25

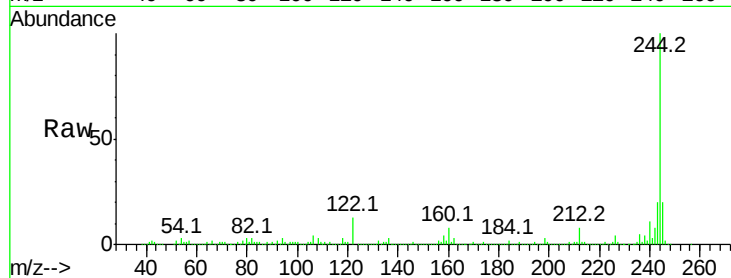
Tot Ion:244 Resp: 1117694

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

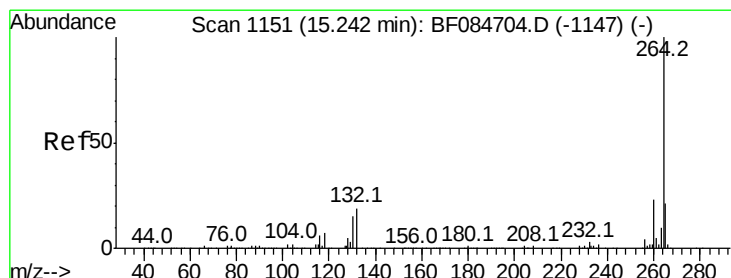
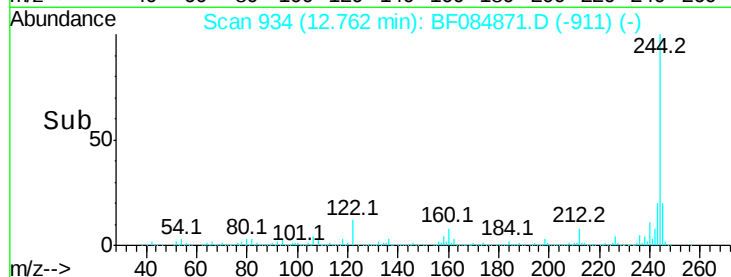
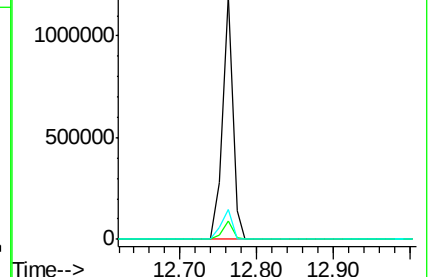
122 12.5 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

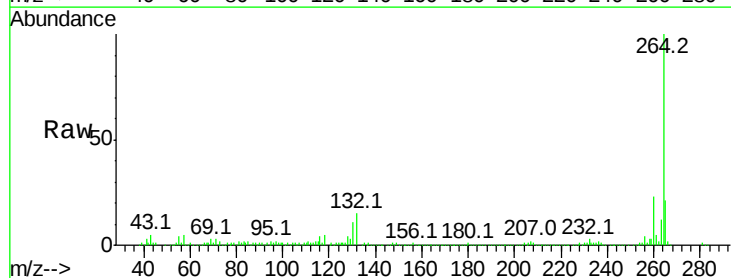
Tgt Ion:264 Resp: 343103

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.3 17.8 26.6



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

