

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089952.D
 Acq On : 31 Aug 2016 16:04
 Operator : UM/SJ
 Sample : H4621-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-REC-GENERAL-FILL

Quant Time: Aug 31 18:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

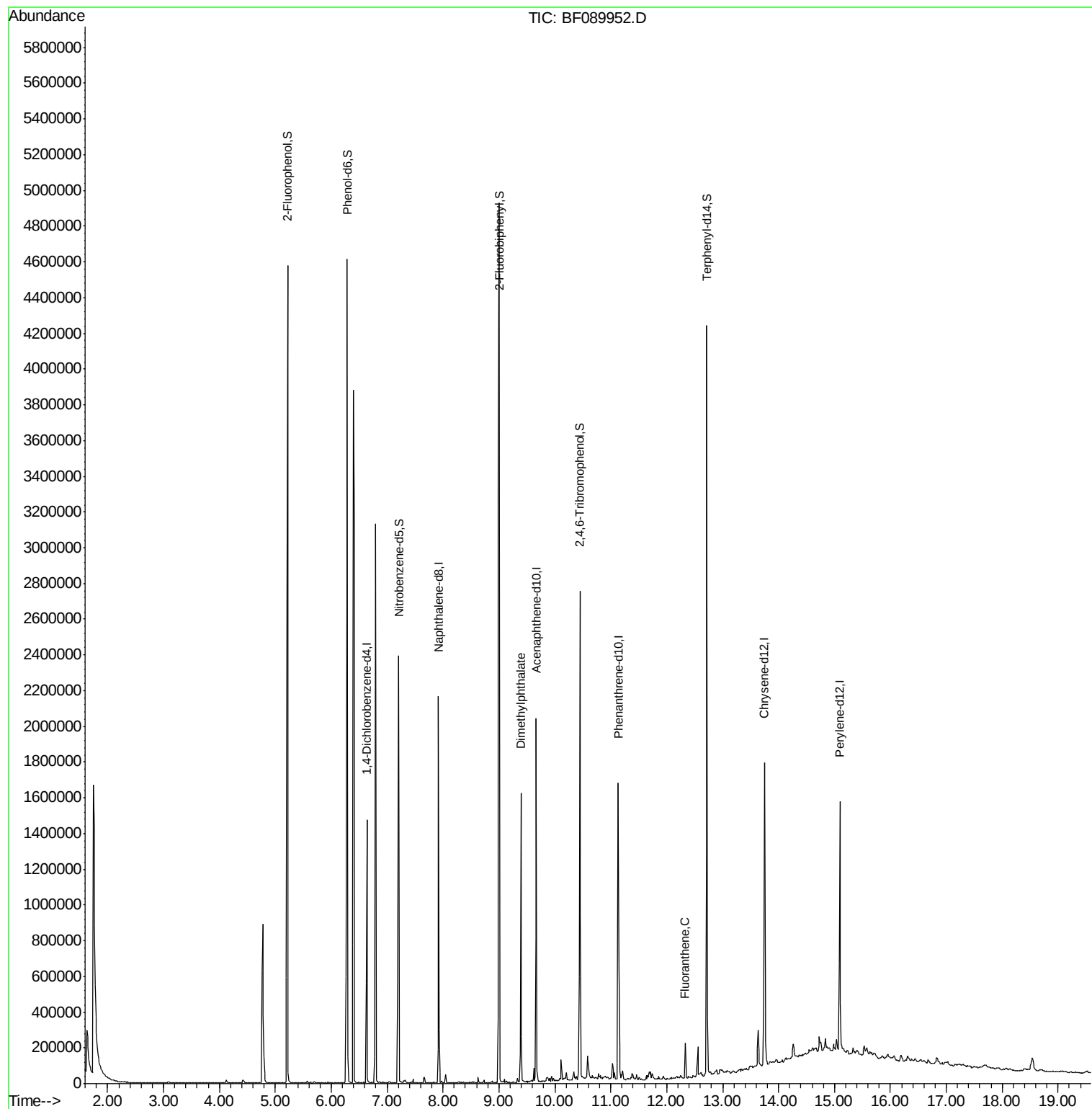
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	237383	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	886000	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	449216	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	672119	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	557422	20.00	ng	-0.01
86) Perylene-d12	15.10	264	564577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1551713	104.63	ng	0.01
7) Phenol-d6	6.28	99	1890099	104.89	ng	0.01
23) Nitrobenzene-d5	7.21	82	1204884	78.87	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	384887	86.85	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2053190	75.03	ng	0.00
78) Terphenyl-d14	12.72	244	1358848	60.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	618562	19.05	ng	Qvalue 100
74) Fluoranthene	12.33	202	77169	2.20	ng	94

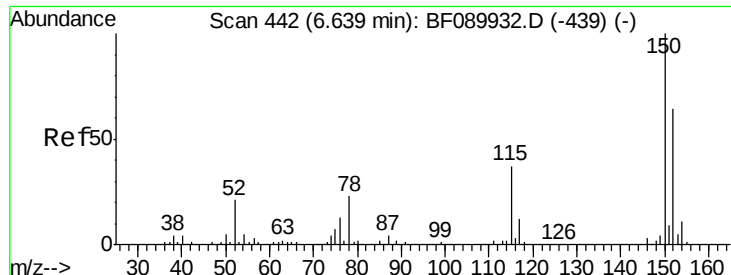
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-GENERAL-FILL

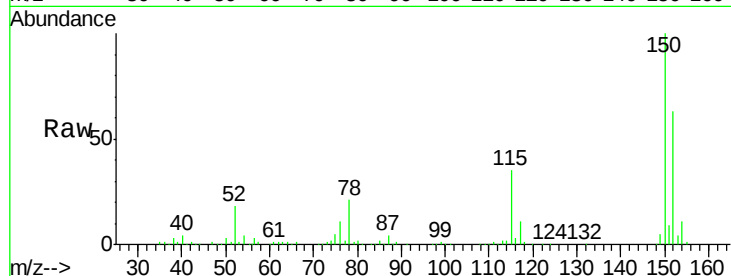
Tgt Ion:152 Resp: 237383

Ion Ratio Lower Upper

152 100

150 158.3 127.4 191.2

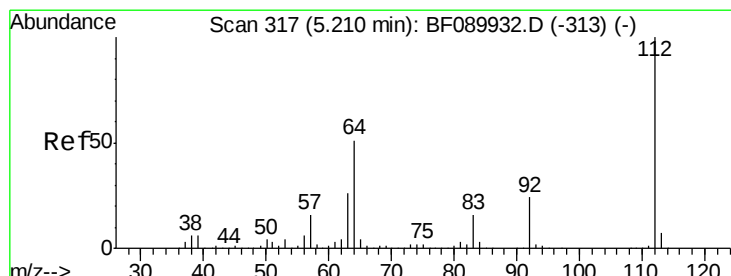
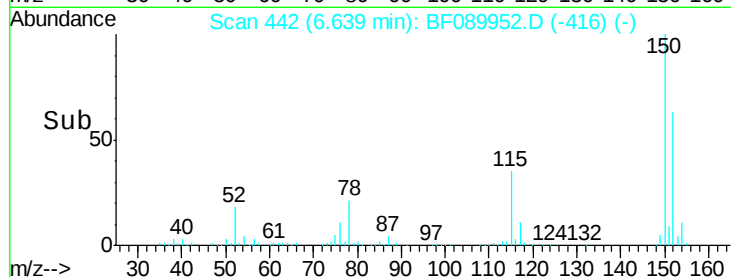
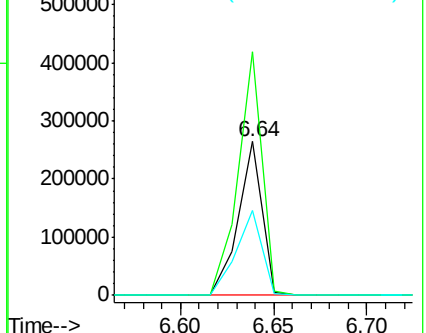
115 55.6 46.3 69.5



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: 104.63 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

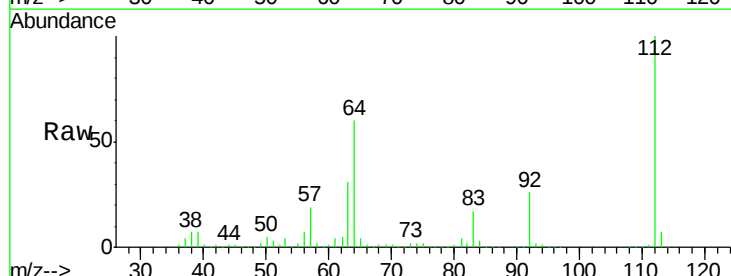
Tgt Ion:112 Resp: 1551713

Ion Ratio Lower Upper

112 100

64 59.8 41.1 61.7

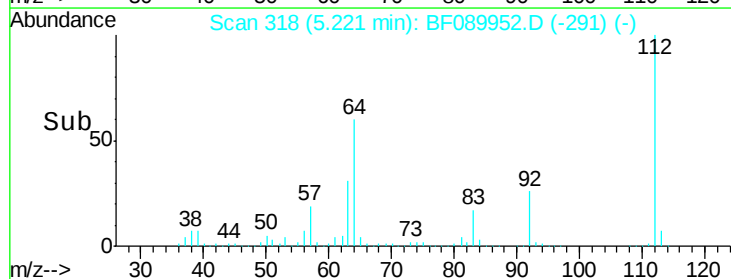
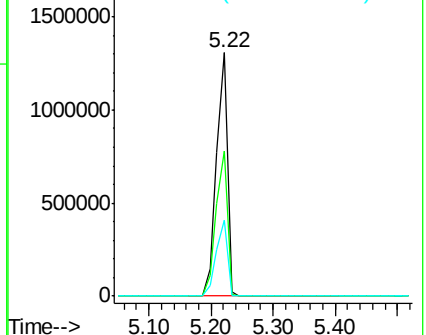
63 31.1 21.2 31.8



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: 104.89 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-GENERAL-FILL

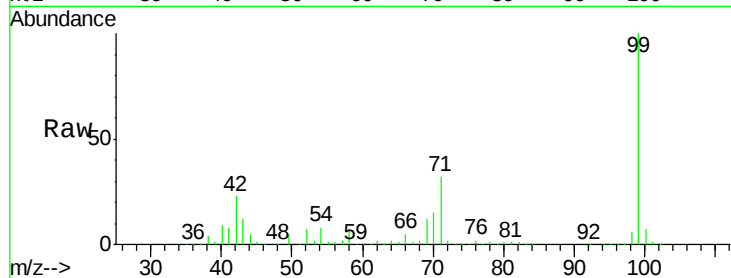
Tgt Ion: 99 Resp: 1890099

Ion Ratio Lower Upper

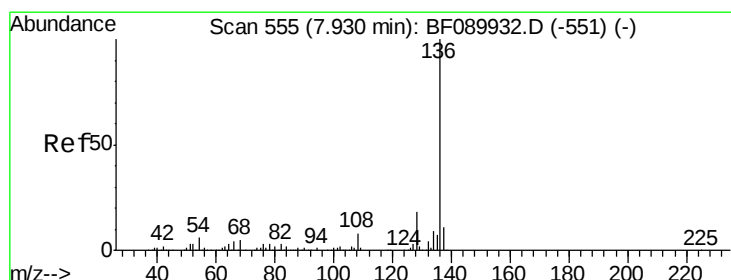
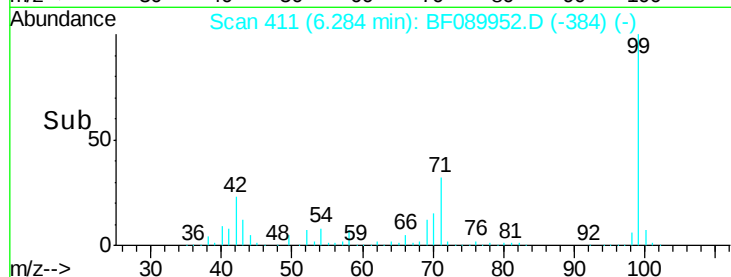
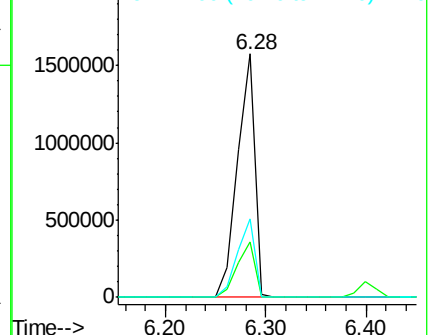
99 100

42 22.8 18.6 27.8

71 32.4 25.8 38.6



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: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

Tgt Ion: 136 Resp: 886000

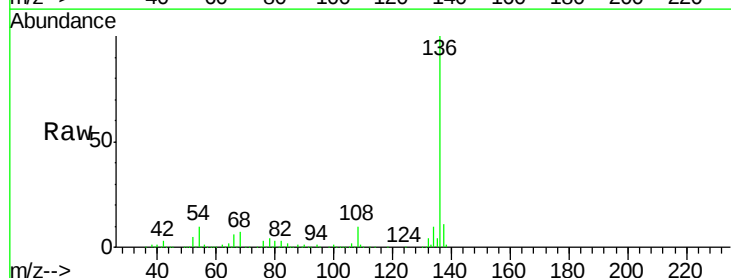
Ion Ratio Lower Upper

136 100

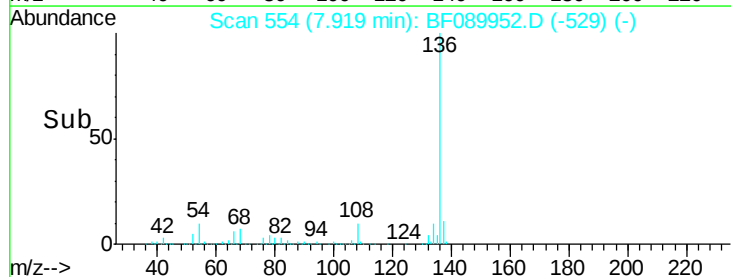
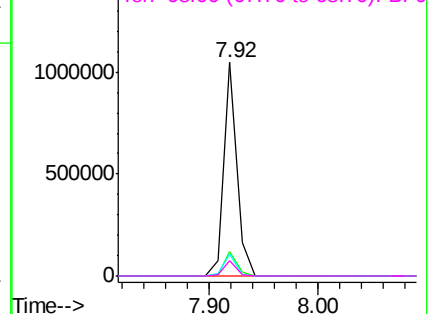
137 11.4 8.3 12.5

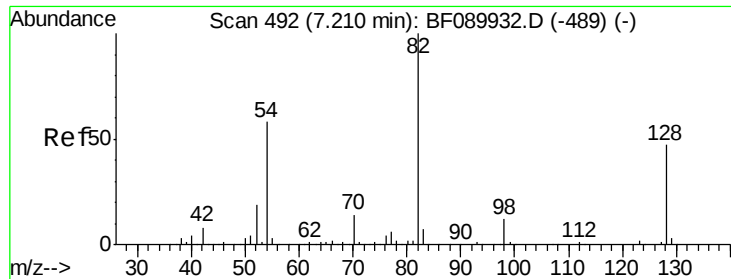
54 10.1 4.8 7.2#

68 7.1 3.7 5.5#



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

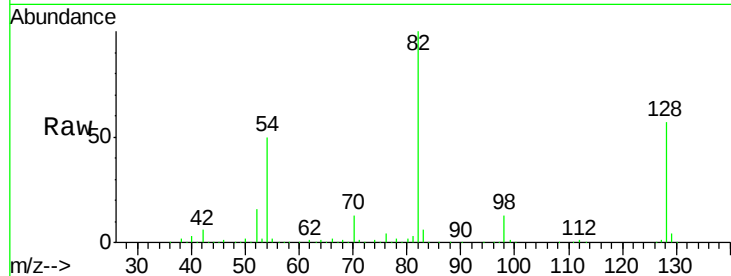




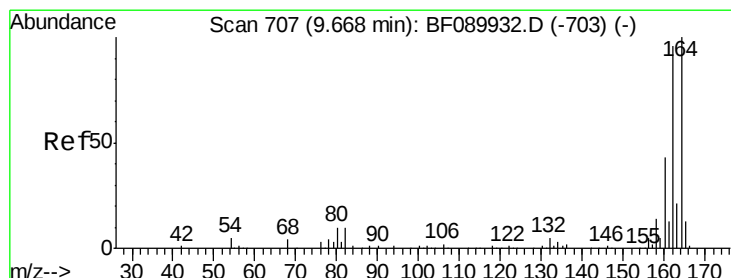
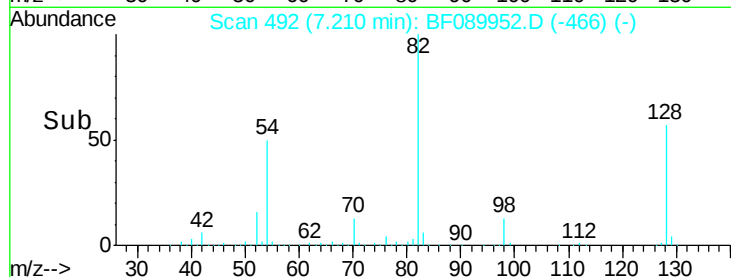
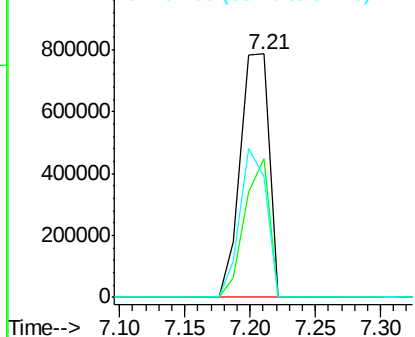
#23
 Nitrobenzene-d5
 Concen: 78.87 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-REC-GENERAL-FILL

Tgt Ion: 82 Resp: 1204884
 Ion Ratio Lower Upper
 82 100
 128 56.8 37.8 56.8#
 54 49.8 46.9 70.3

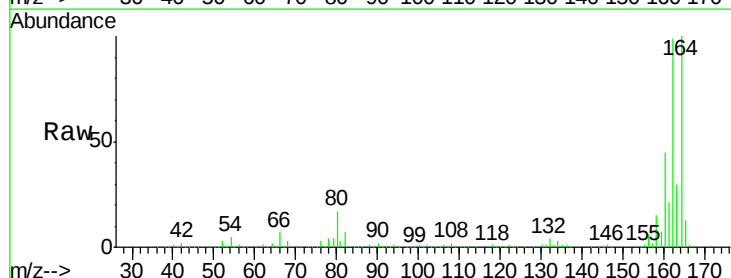


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

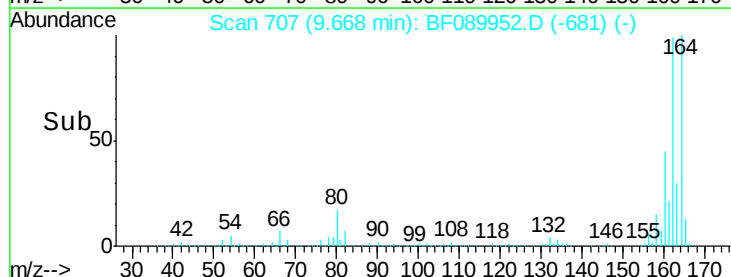
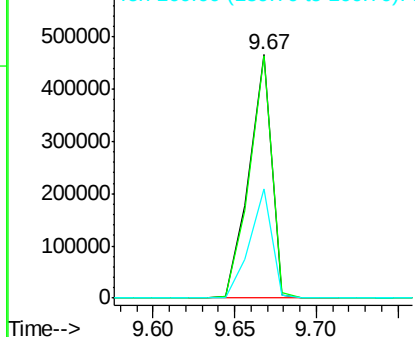


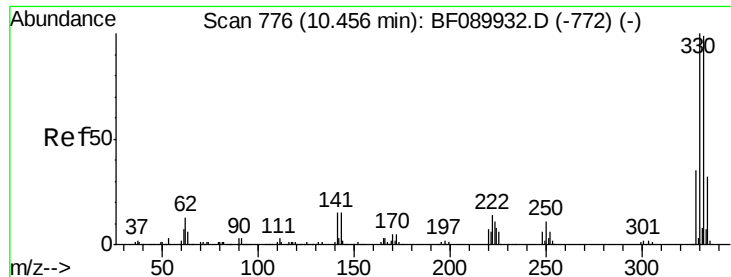
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

Tgt Ion: 164 Resp: 449216
 Ion Ratio Lower Upper
 164 100
 162 99.4 77.1 115.7
 160 44.7 35.3 52.9



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

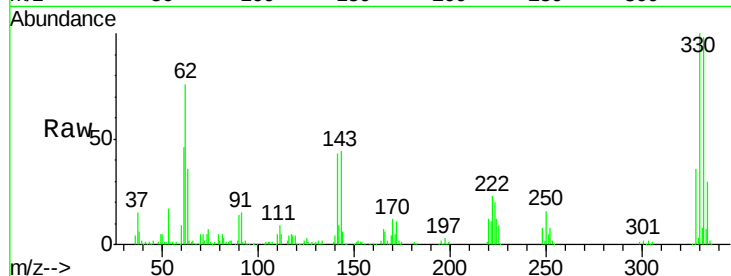




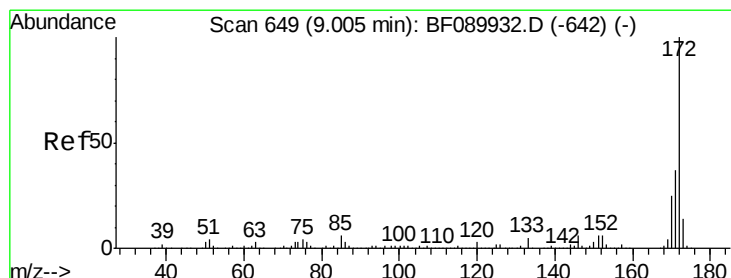
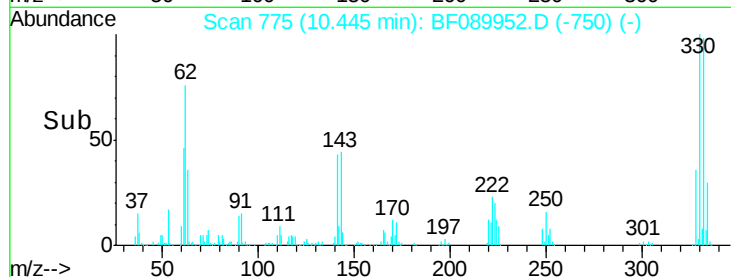
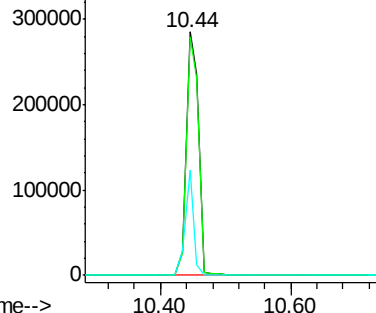
#41
 2,4,6-Tribromophenol
 Concen: 86.85 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-REC-GENERAL-FILL

Tgt Ion:330 Resp: 384887
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 30.4 23.3 34.9

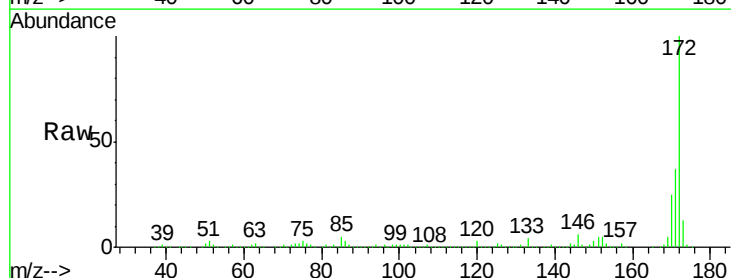


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

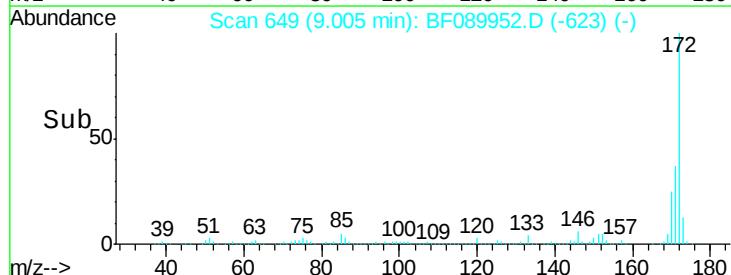
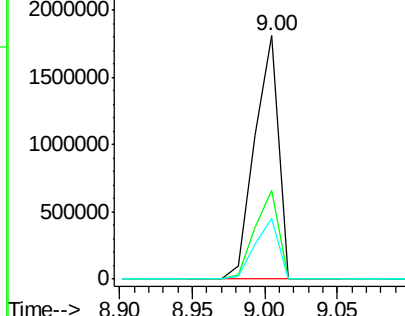


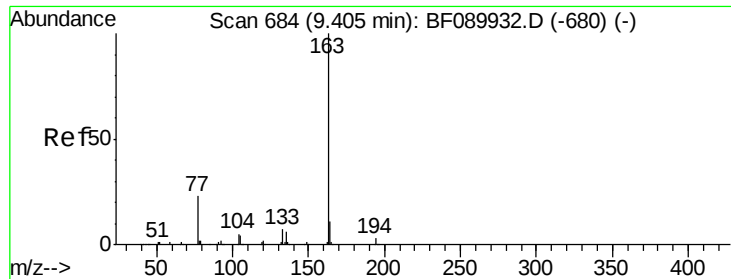
#44
 2-Fluorobiphenyl
 Concen: 75.03 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

Tgt Ion:172 Resp: 2053190
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.7 20.1 30.1



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

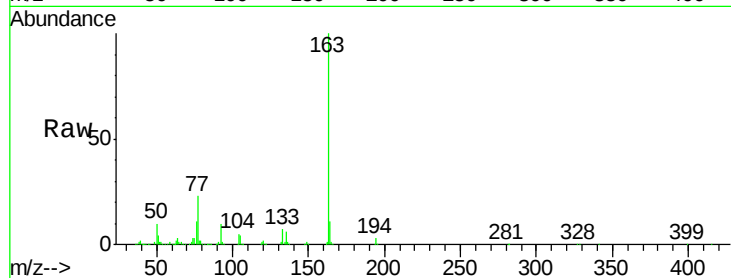




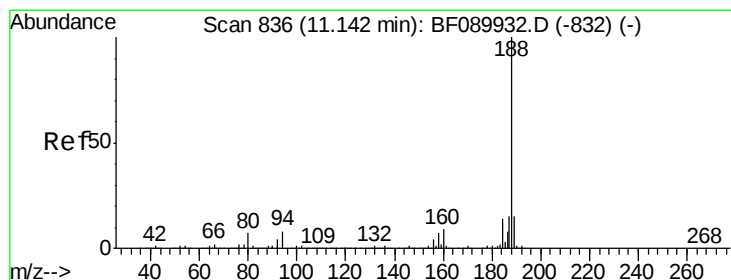
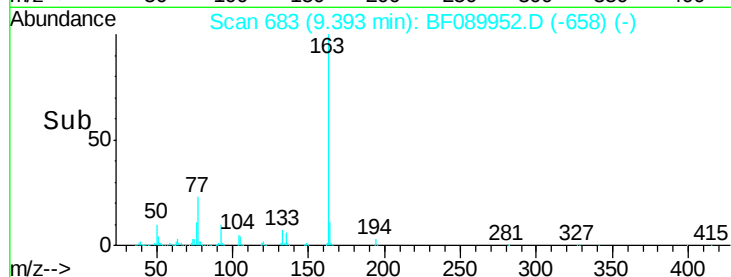
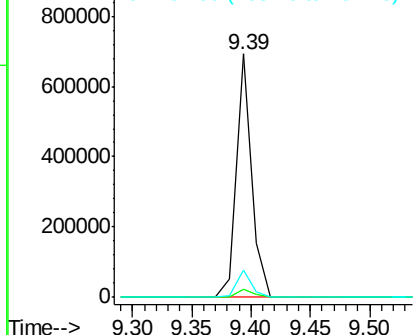
#49
Dimethylphthalate
Concen: 19.05 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089952.D
Acq: 31 Aug 2016 16:04

Instrument :
BNA_F
ClientSampleId :
RICHMOND-REC-GENERAL-FILL

Tgt Ion:163 Resp: 618562
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.1 9.0 13.4

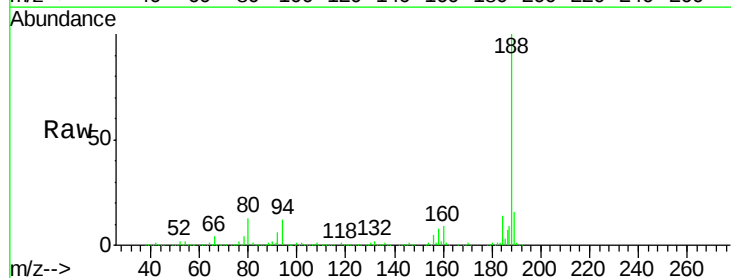


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

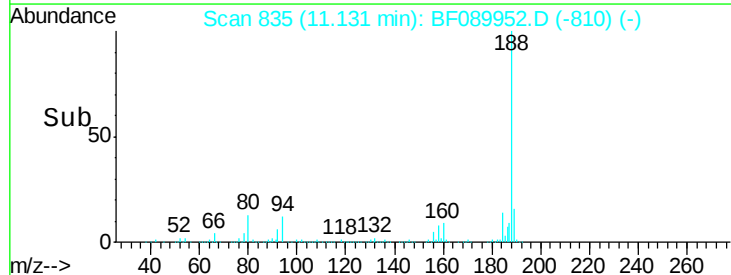
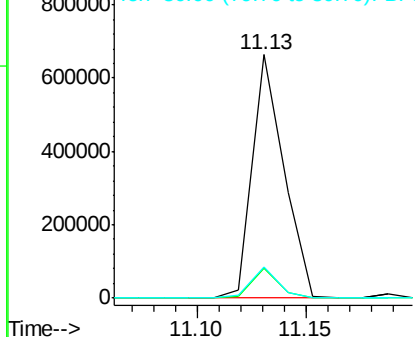


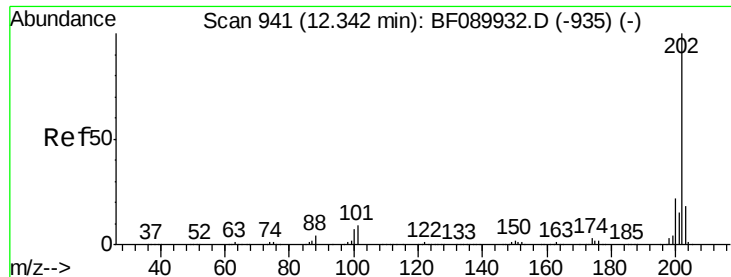
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089952.D
Acq: 31 Aug 2016 16:04

Tgt Ion:188 Resp: 672119
Ion Ratio Lower Upper
188 100
94 12.2 5.9 8.9#
80 12.6 5.8 8.8#



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

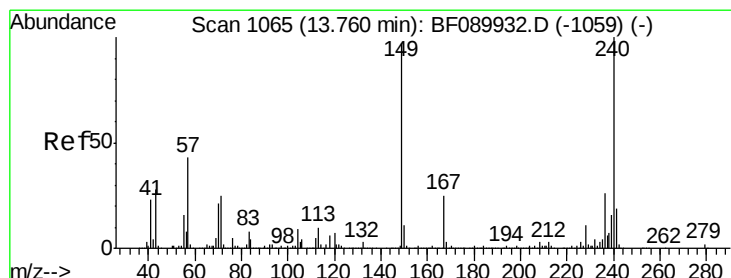
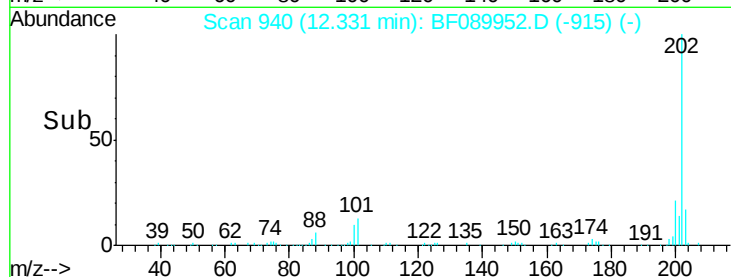
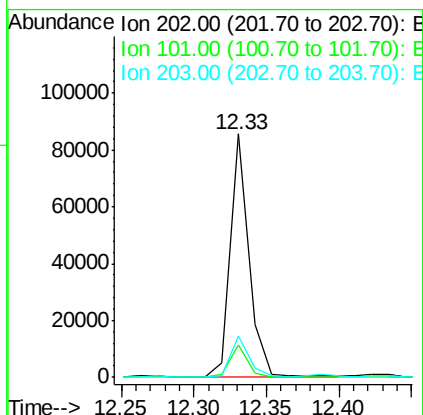
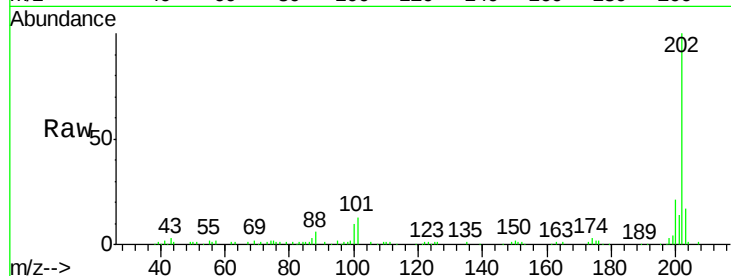




#74
 Fluoranthene
 Concen: 2.20 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

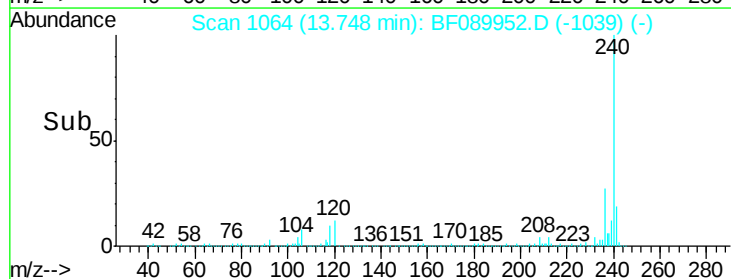
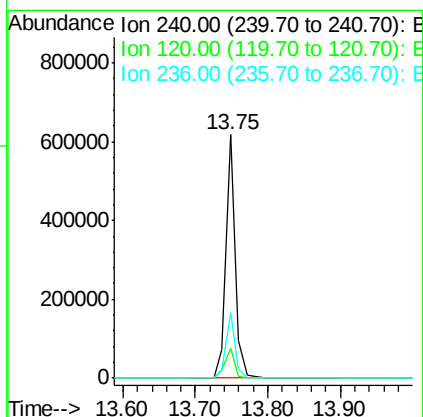
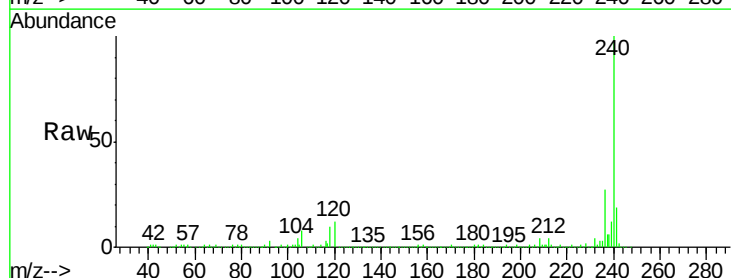
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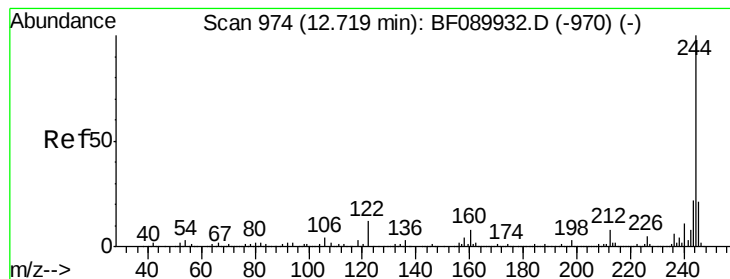
Tgt Ion: 202 Resp: 77169
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 28.5
 203 16.9 0.0 38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089952.D
 Acq: 31 Aug 2016 16:04

Tgt Ion: 240 Resp: 557422
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.7 8.5#
 236 26.9 21.3 31.9





#78

Terphenyl-d14

Concen: 60.22 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-GENERAL-FILL

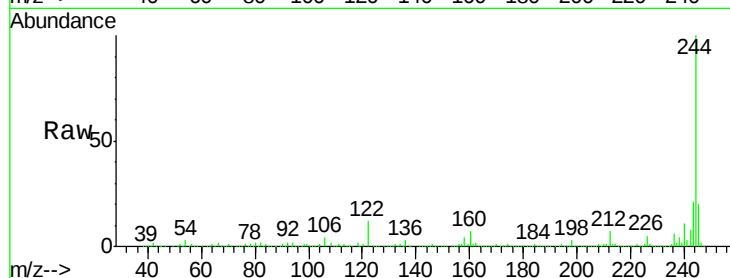
Tgt Ion:244 Resp: 1358848

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

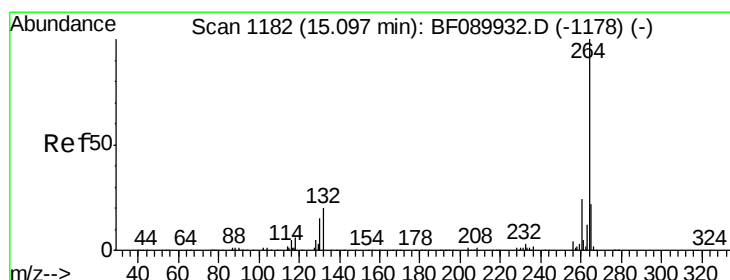
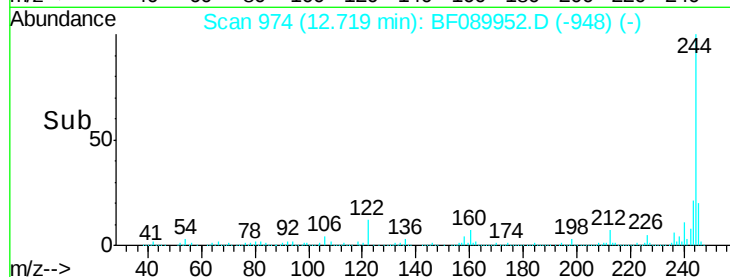
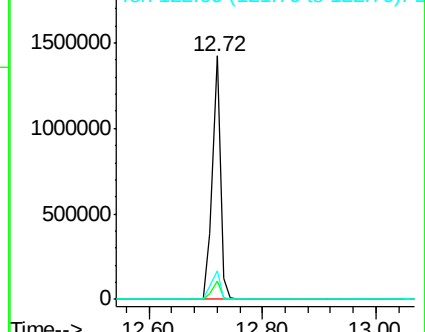
122 11.6 9.6 14.4



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: 15.10 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF089952.D

Acq: 31 Aug 2016 16:04

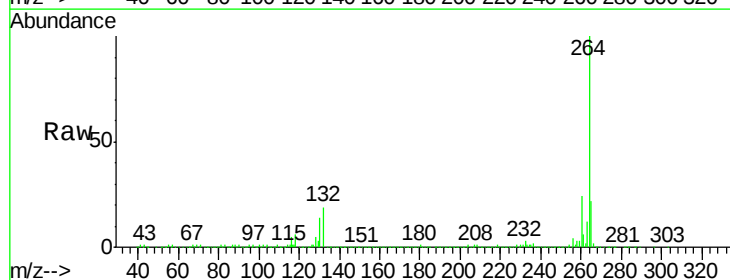
Tgt Ion:264 Resp: 564577

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 21.9 17.4 26.2



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

