

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111517\
 Data File : BF100583.D
 Acq On : 15 Nov 2017 13:02
 Operator : SJ/JU
 Sample : I6307-03 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Quant Time: Nov 15 15:25:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

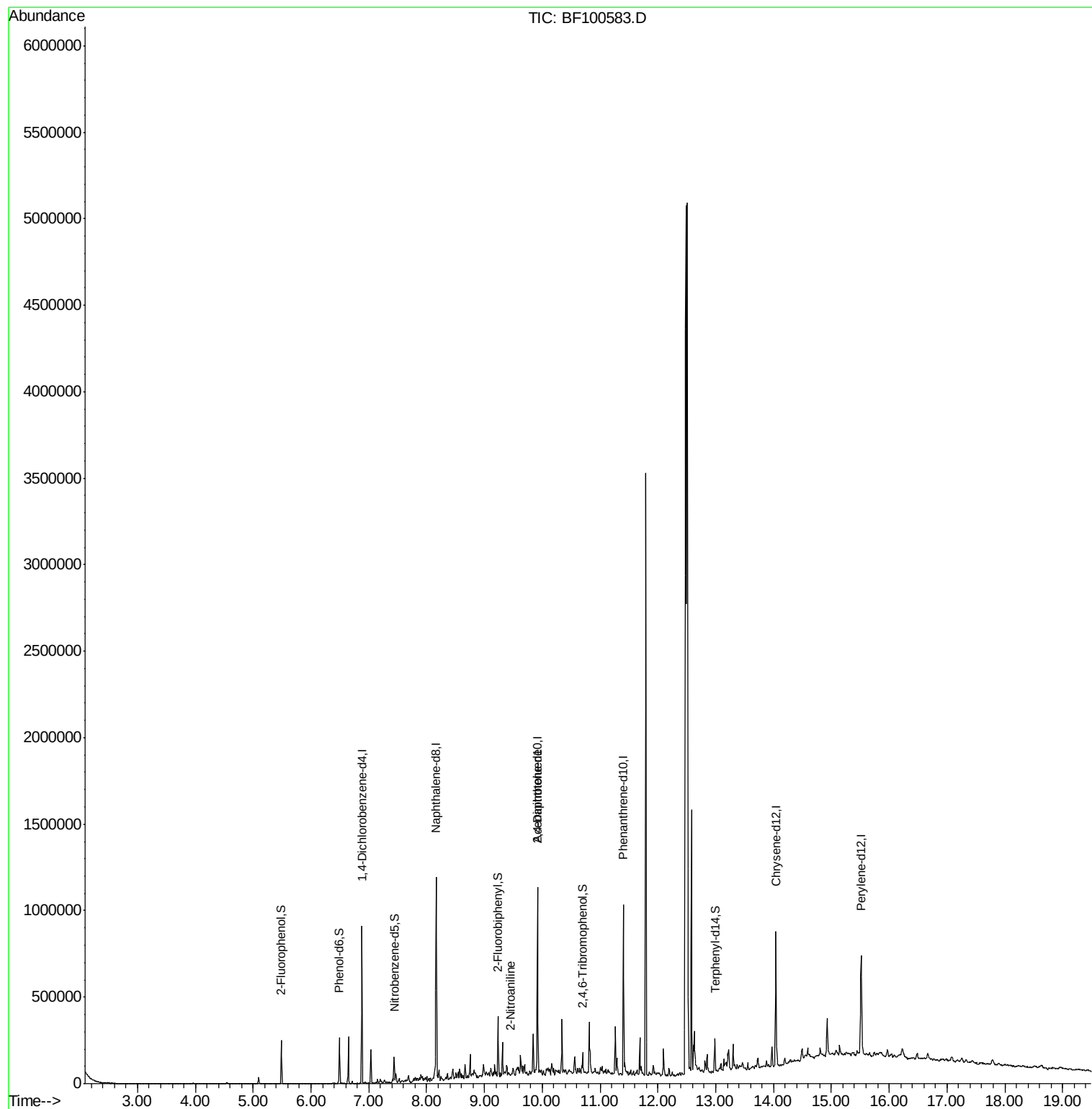
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	126970	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485752	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	213434	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	331455	20.00	ng	0.00
75) Chrysene-d12	14.04	240	253589	20.00	ng	-0.01
86) Perylene-d12	15.52	264	273759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	62236	7.86	ng	-0.01
7) Phenol-d6	6.49	99	76714	7.85	ng	-0.02
23) Nitrobenzene-d5	7.44	82	43300	5.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	15410	7.09	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	92172	6.58	ng	-0.01
78) Terphenyl-d14	12.99	244	54327	4.92	ng	0.00
Target Compounds						
47) 2-Nitroaniline	9.45	65	489	2.900	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	29237	7.185	ng	# 22

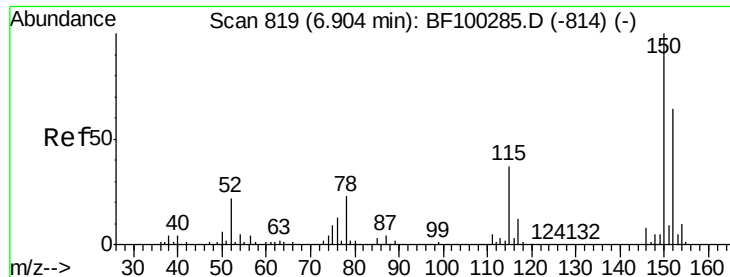
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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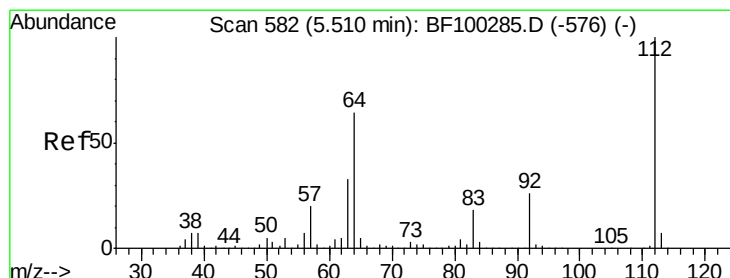
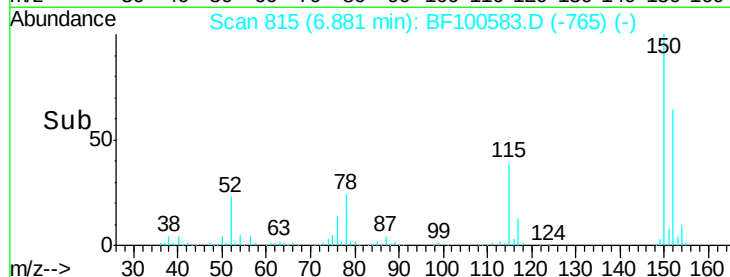
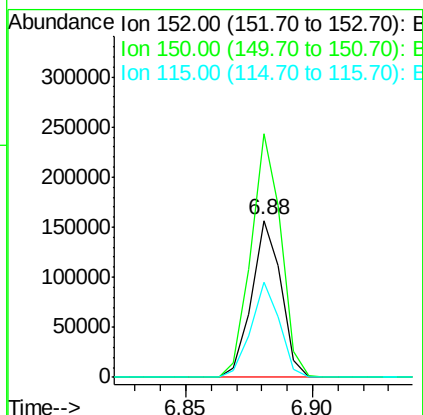
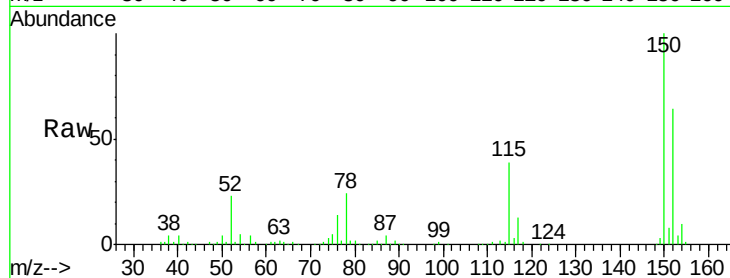


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

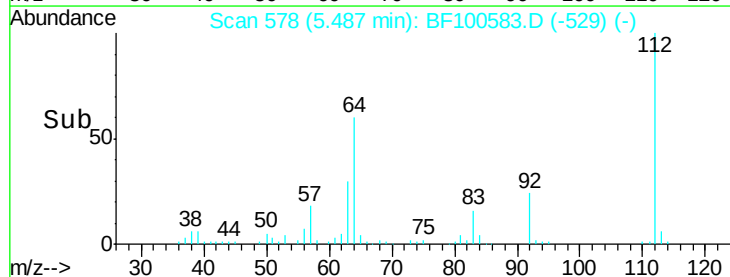
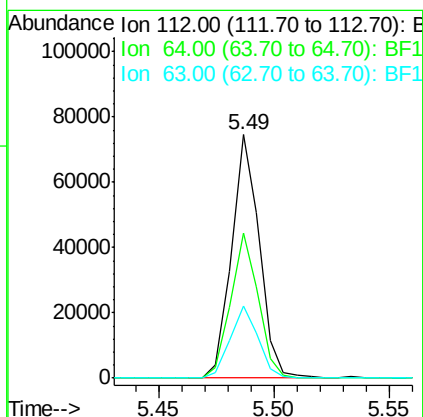
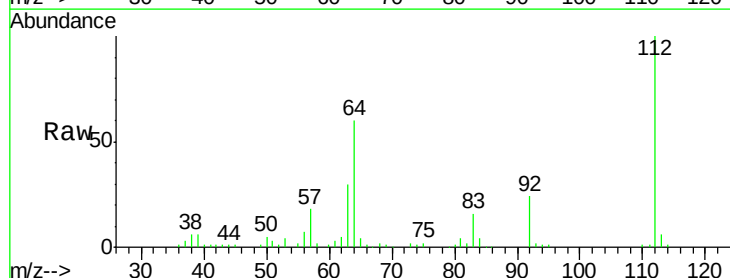
Tgt Ion:152 Resp: 126970
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.4 50.1 75.1

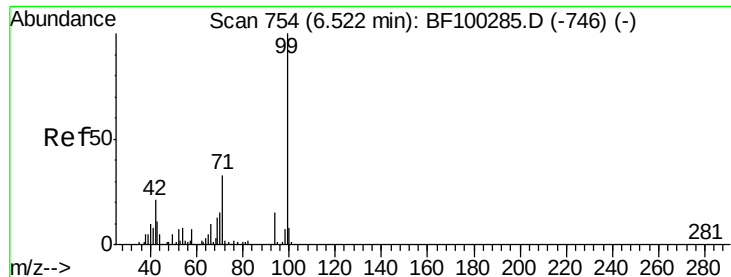


#5

2-Fluorophenol
Concen: 7.857 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100583.D
Acq: 15 Nov 2017 13:02

Tgt Ion:112 Resp: 62236
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 7.854 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

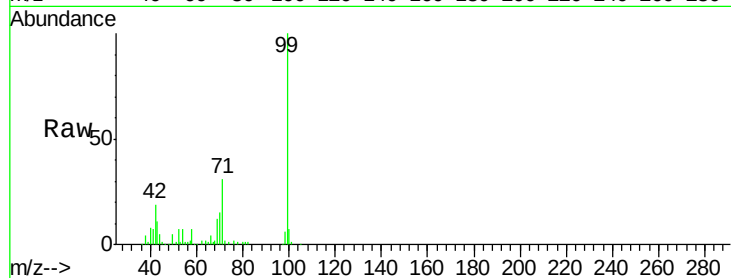
Tgt Ion: 99 Resp: 76714

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

120000

100000

80000

60000

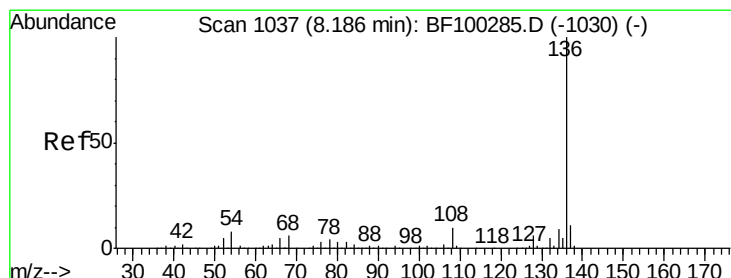
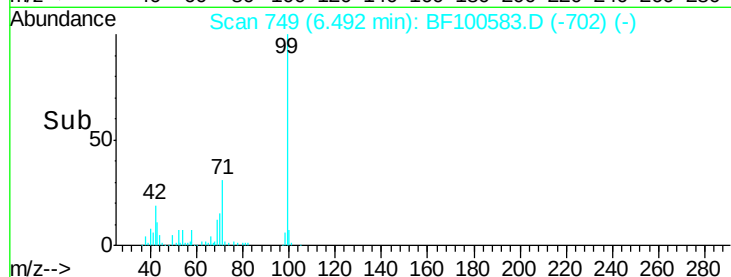
40000

20000

0

6.45 6.50 6.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

Tgt Ion: 136 Resp: 485752

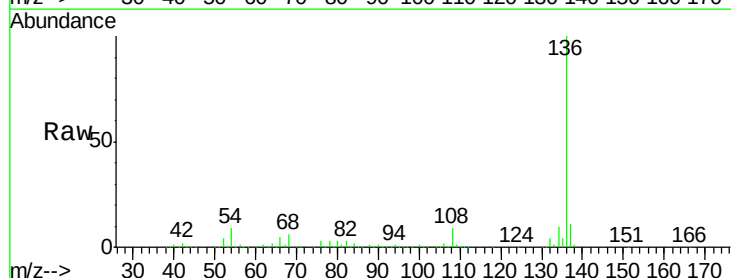
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.8 6.6 9.8

68 6.1 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

800000

600000

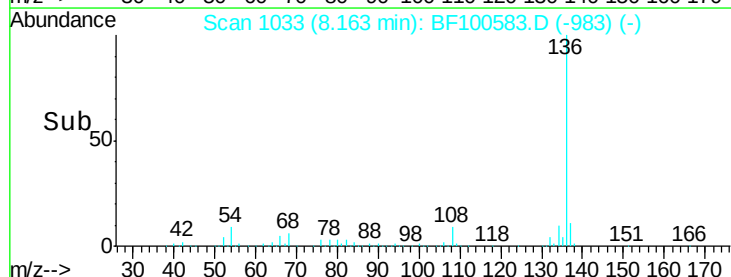
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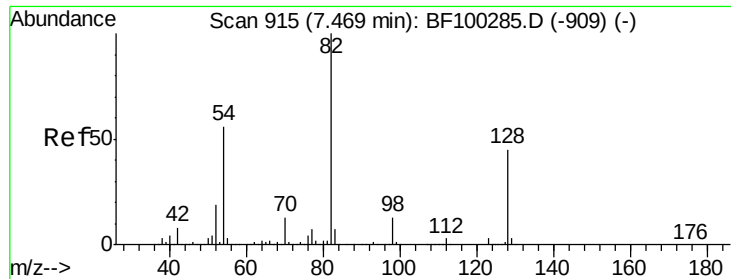
200000

0

8.15 8.20

Time-->

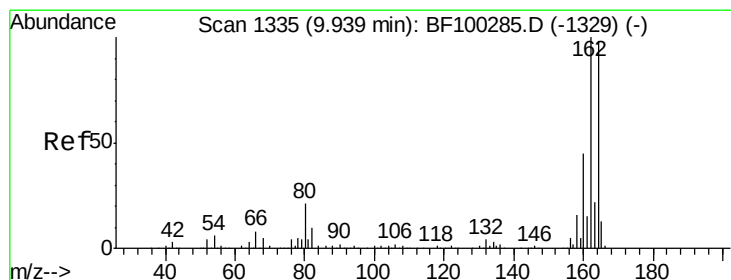
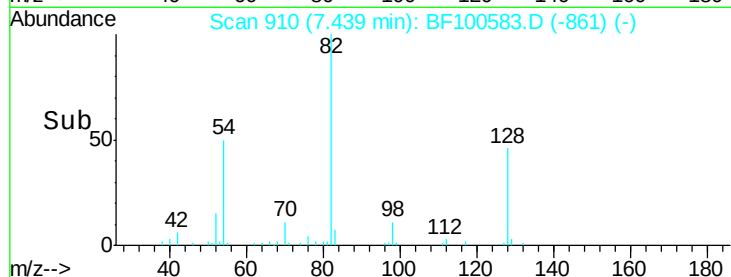
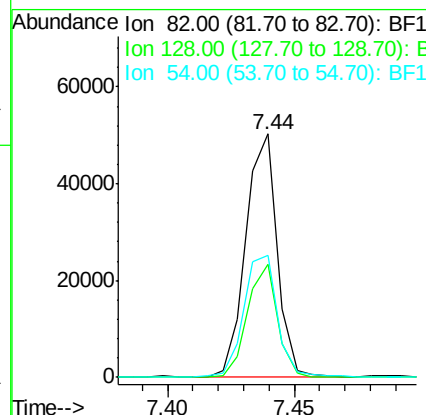
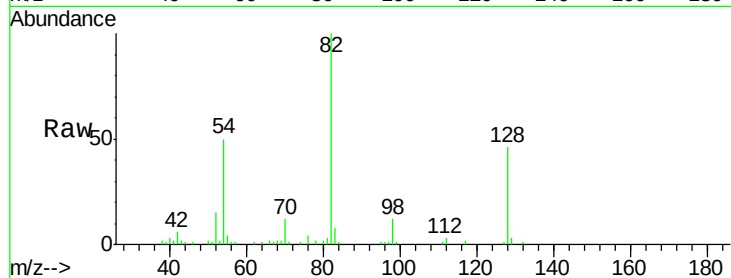




#23
 Nitrobenzene-d5
 Concen: 5.893 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

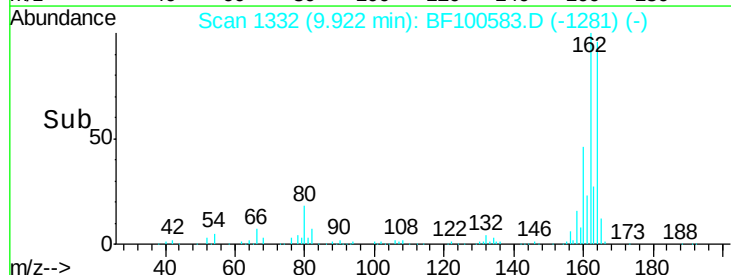
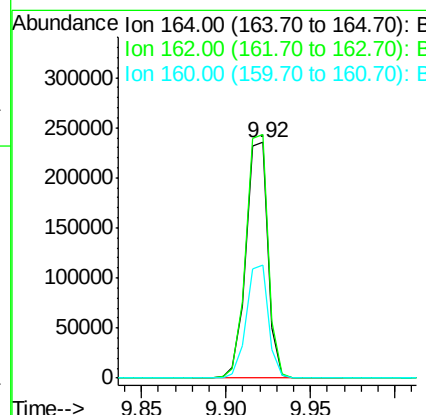
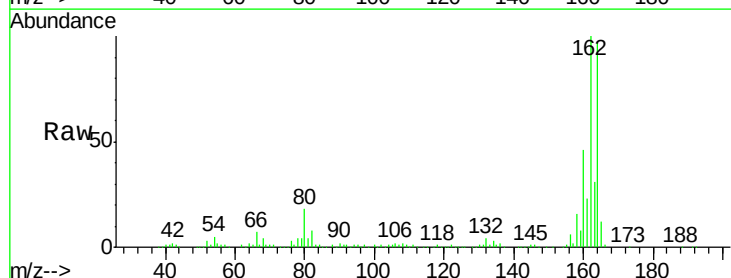
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

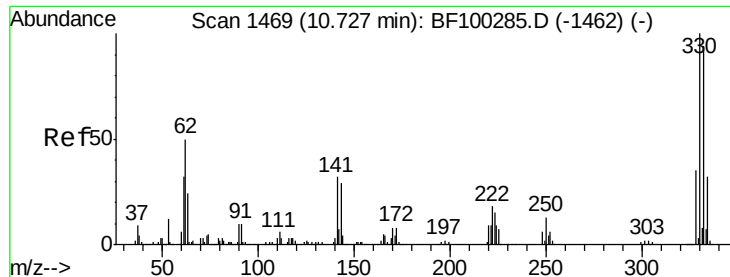
Tgt Ion: 82 Resp: 43300
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 50.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

Tgt Ion: 164 Resp: 213434
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 47.9 38.3 57.5

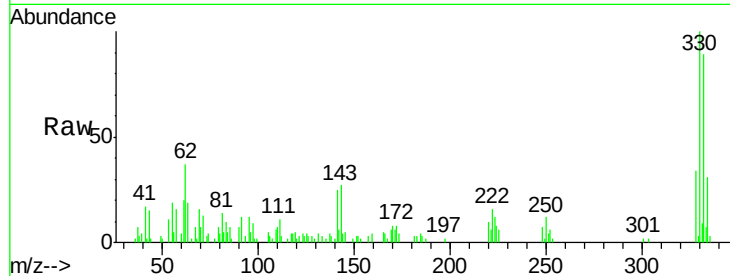




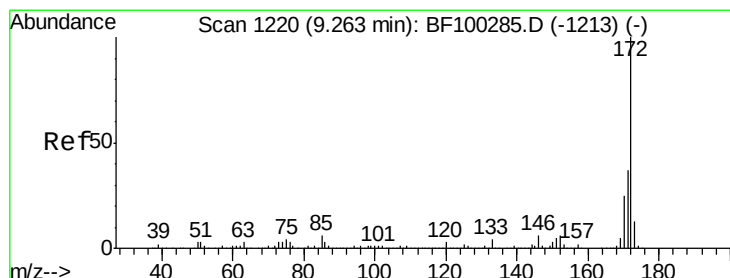
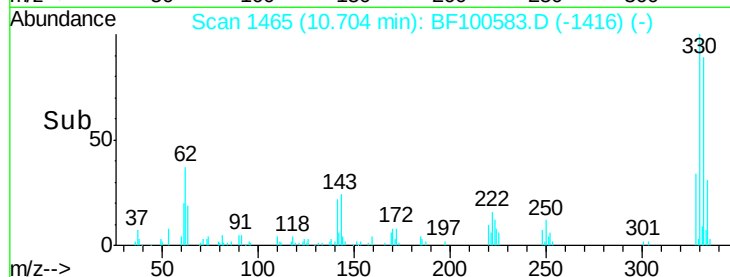
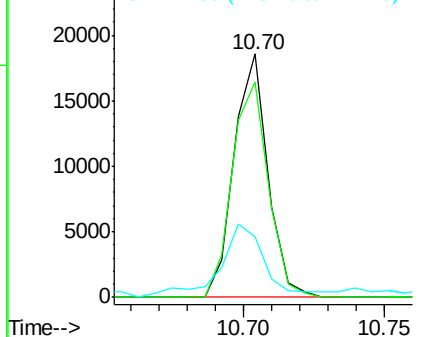
#41
 2,4,6-Tribromophenol
 Concen: 7.085 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Tgt Ion:330 Resp: 15410
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.4 29.9 44.9

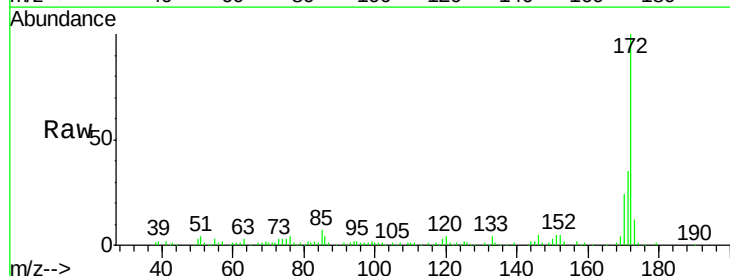


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

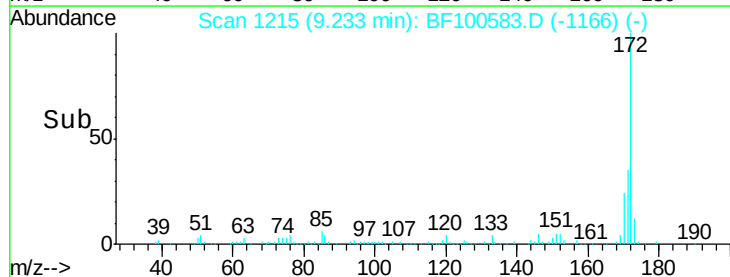
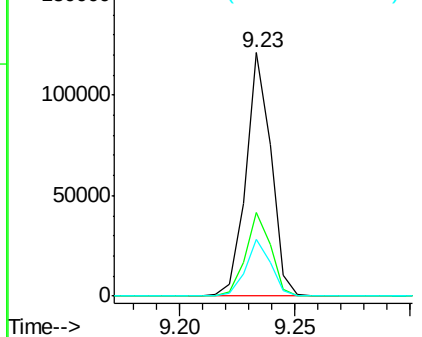


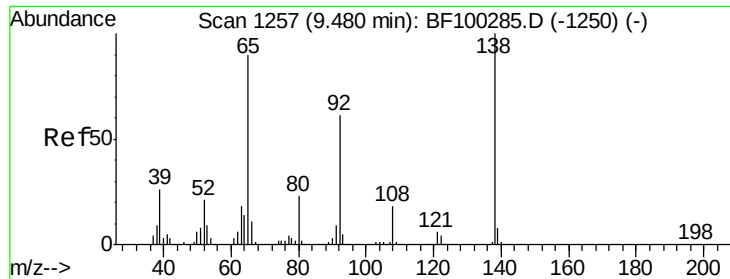
#44
 2-Fluorobiphenyl
 Concen: 6.576 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

Tgt Ion:172 Resp: 92172
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.5 19.6 29.4



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

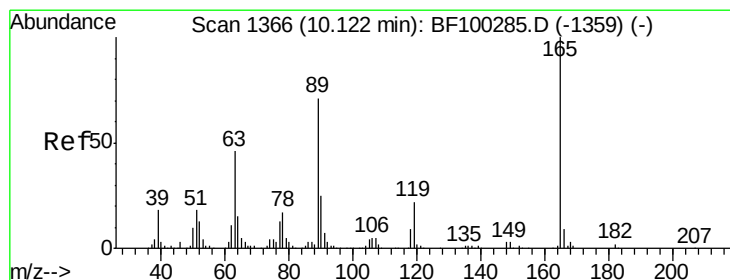
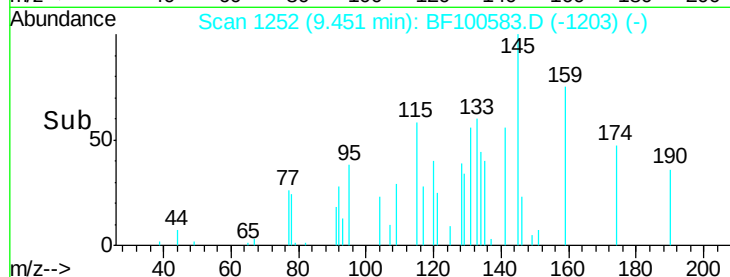
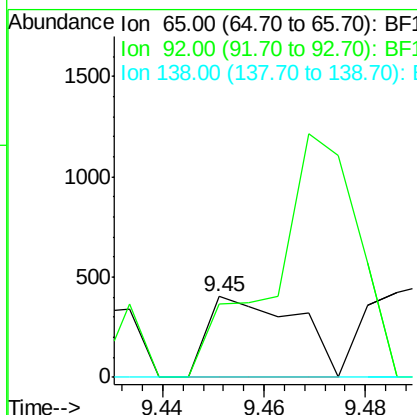
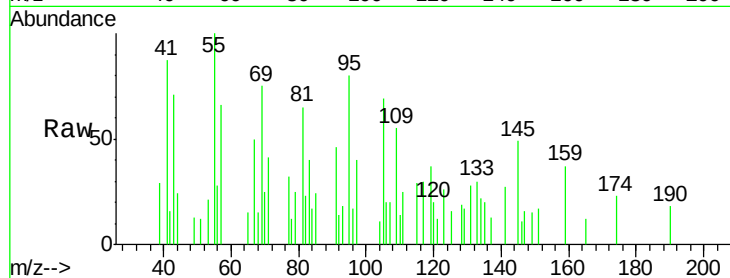




#47
 2-Nitroaniline
 Concen: 2.900 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

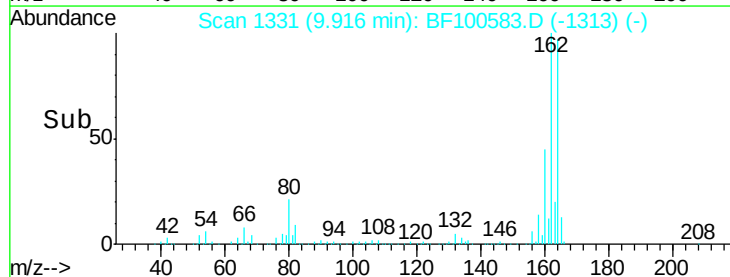
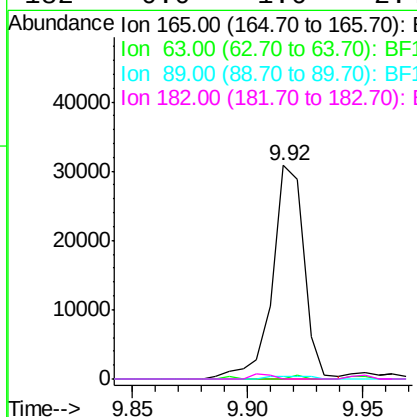
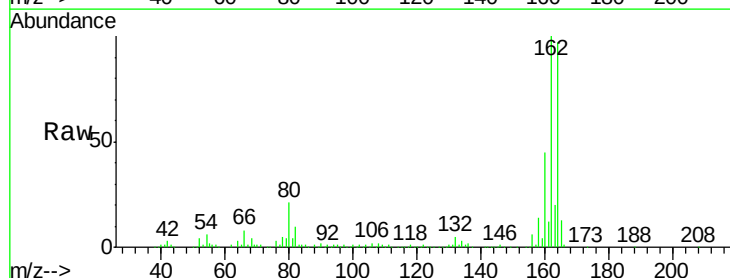
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 EO-02-111017-B

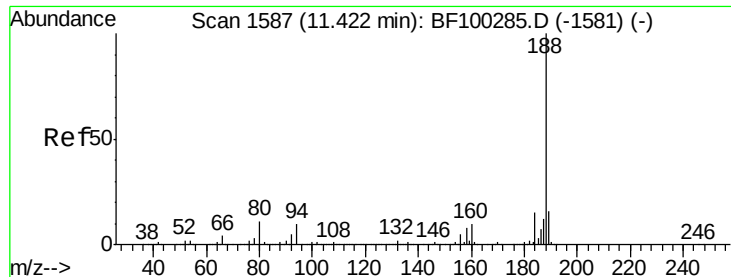
Tgt Ion: 65 Resp: 489
 Ion Ratio Lower Upper
 65 100
 92 91.3 55.8 83.6#
 138 0.0 91.2 136.8#



#56
 2,4-Dinitrotoluene
 Concen: 7.185 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100583.D
 Acq: 15 Nov 2017 13:02

Tgt Ion: 165 Resp: 29237
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

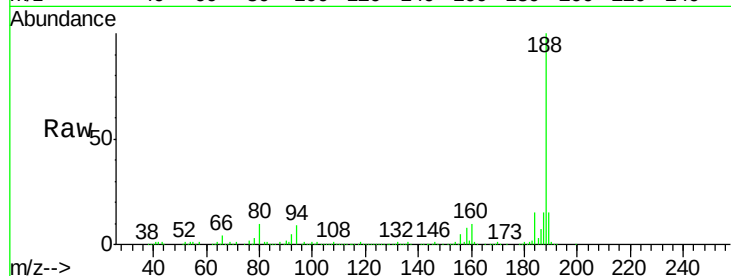
Tgt Ion:188 Resp: 331455

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

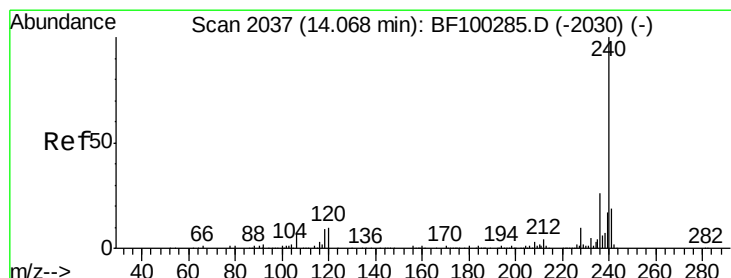
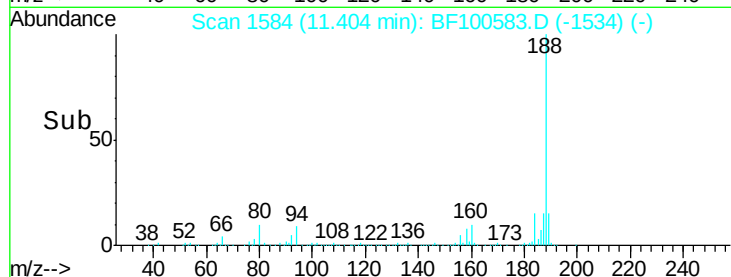
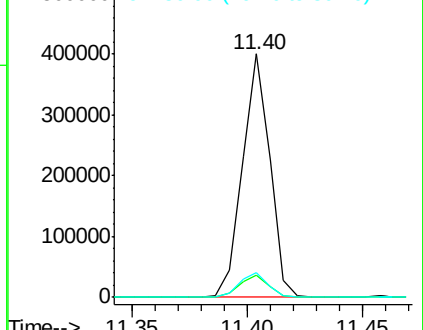
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

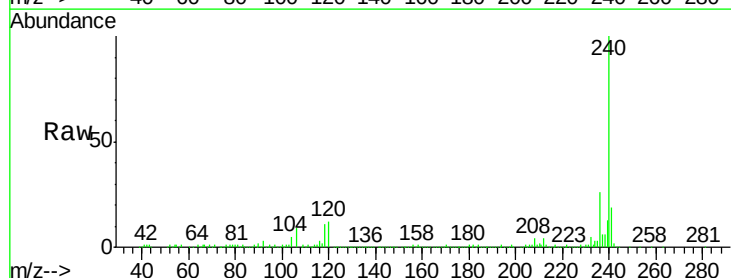
Tgt Ion:240 Resp: 253589

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

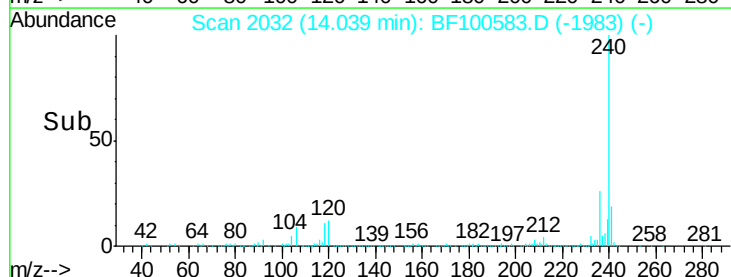
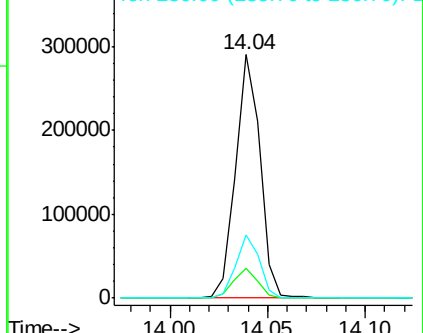
236 25.8 20.7 31.1

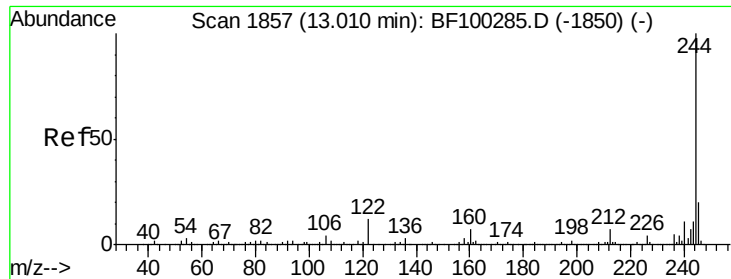


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.922 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

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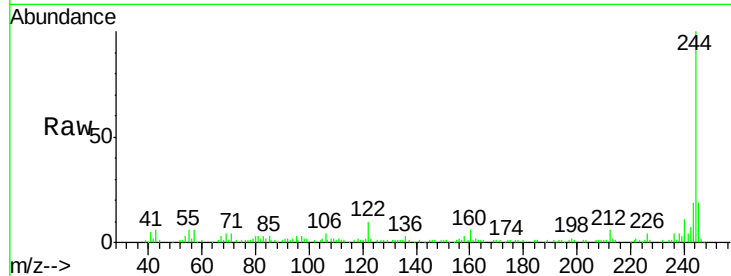
Tgt Ion:244 Resp: 54327

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

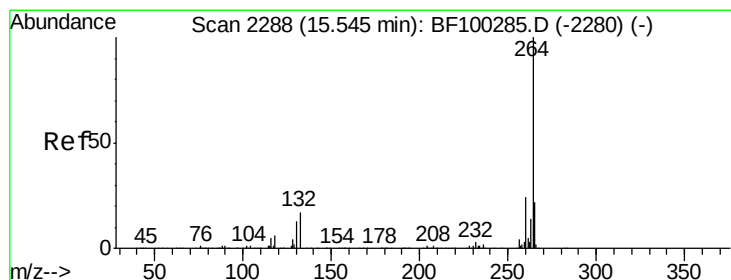
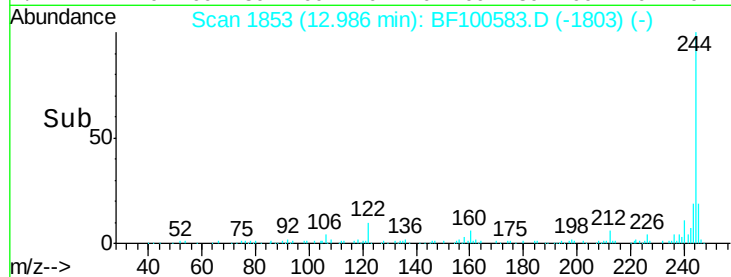
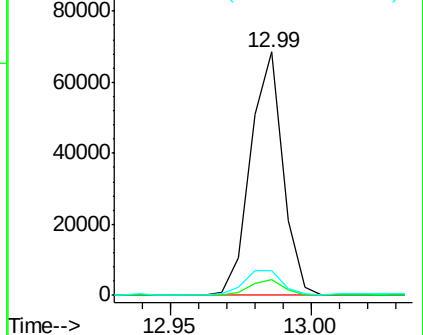
122 10.1 11.0 16.4#



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: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100583.D

Acq: 15 Nov 2017 13:02

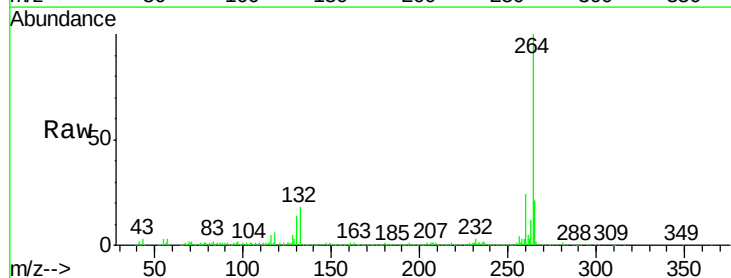
Tgt Ion:264 Resp: 273759

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.5 26.3



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

