

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101753.D
 Acq On : 27 Dec 2017 10:03
 Operator : SJ/JU
 Sample : I6684-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

Quant Time: Dec 27 10:35:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

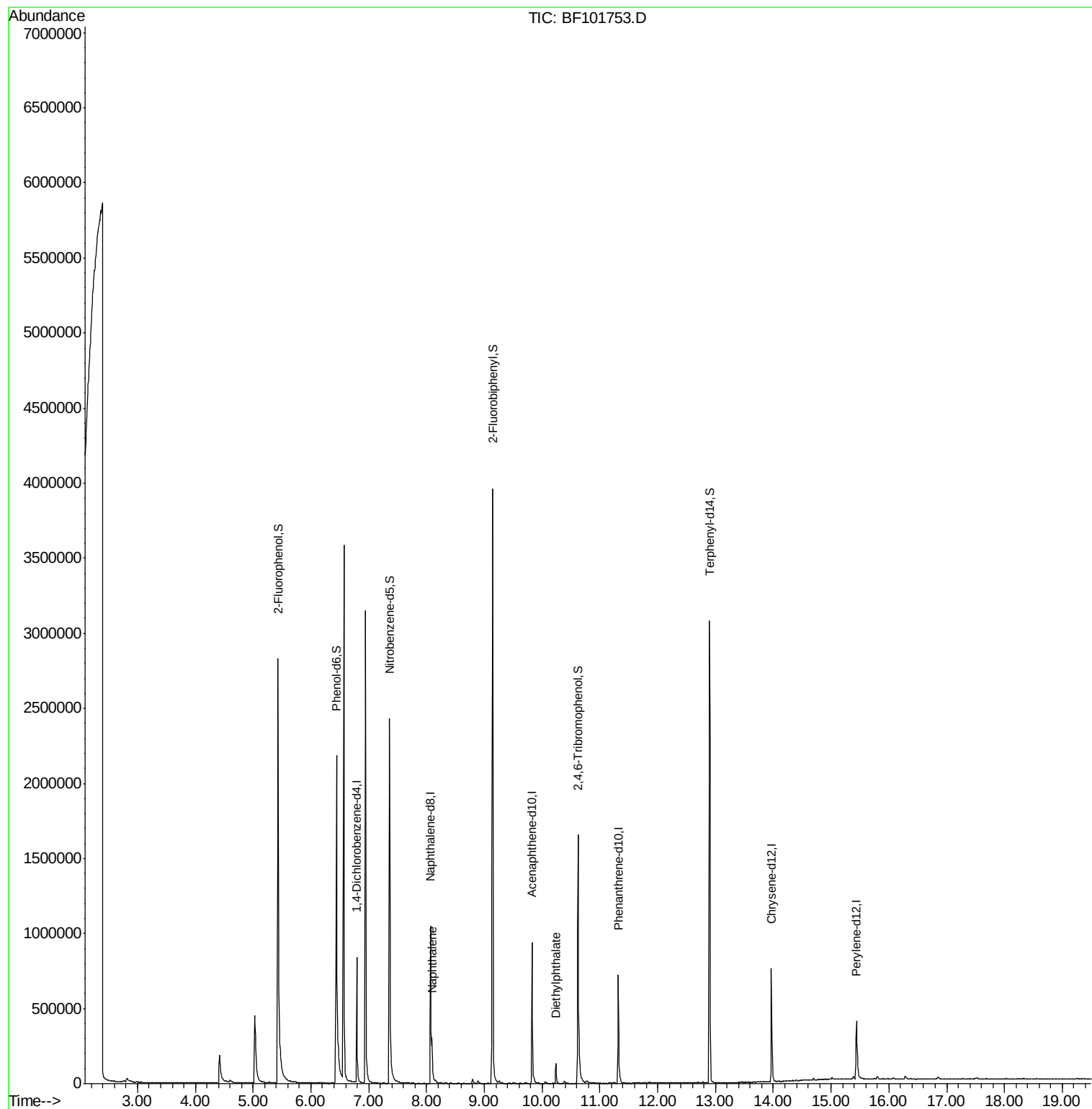
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145062	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538904	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207045	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320231	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305726	20.00	ng	0.00
86) Perylene-d12	15.44	264	239220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1128842	115.92	ng	0.02
7) Phenol-d6	6.44	99	1187487	97.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	942015	97.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	256016	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1419394	106.35	ng	0.00
78) Terphenyl-d14	12.90	244	1115987	88.00	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	140903	5.194	ng	99
59) Diethylphthalate	10.24	149	48727	2.955	ng	97

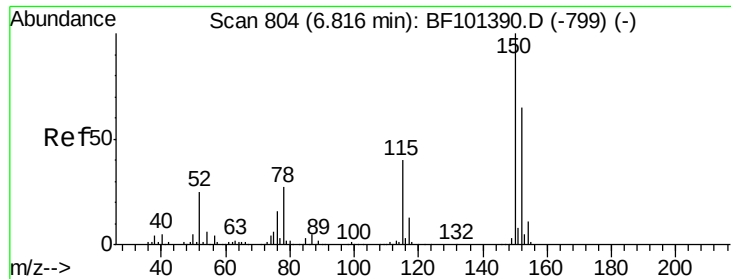
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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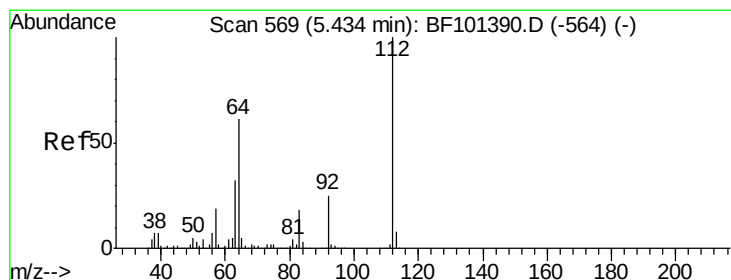
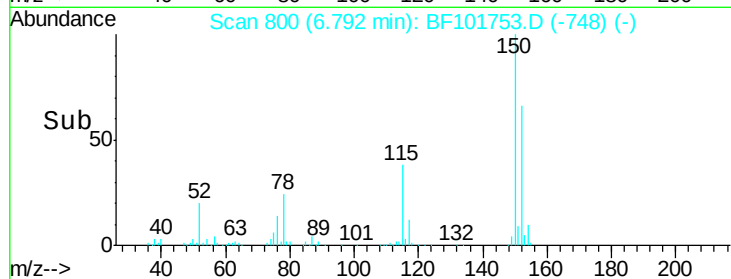
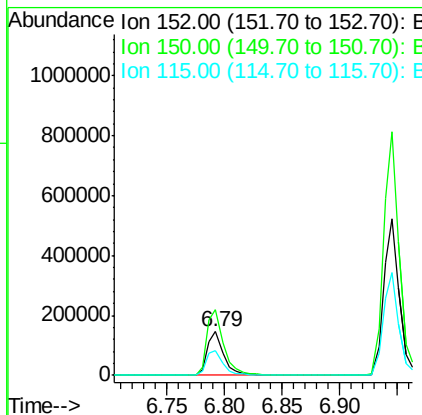
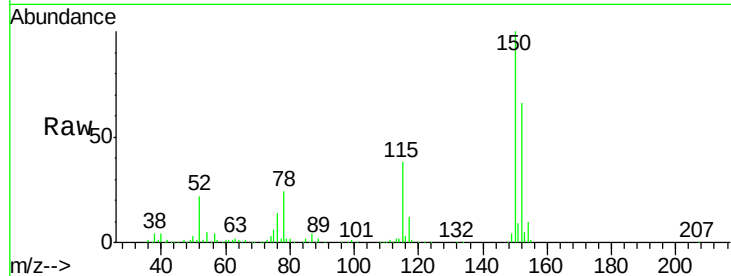


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Instrument :
BNA_F
ClientSampleId :
BU-01-122217

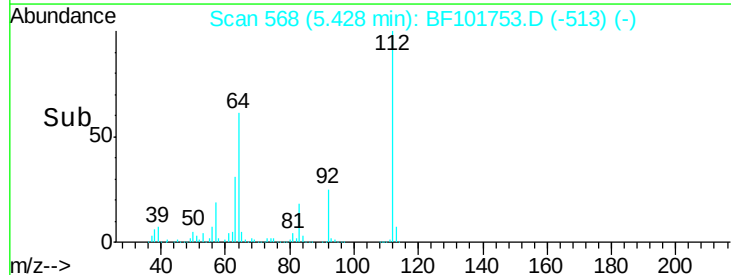
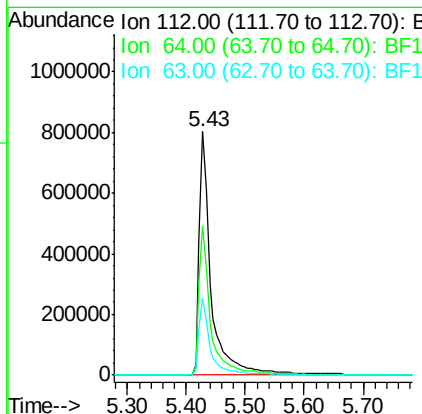
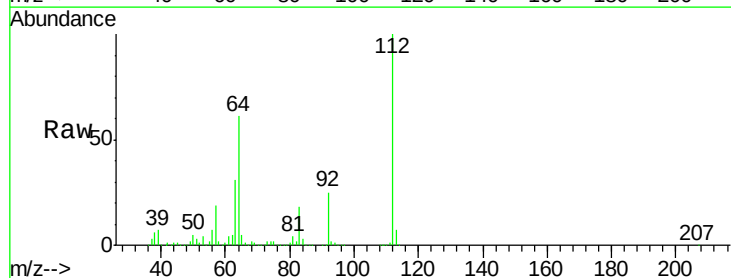
Tgt Ion:152 Resp: 145062
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 58.1 50.1 75.1

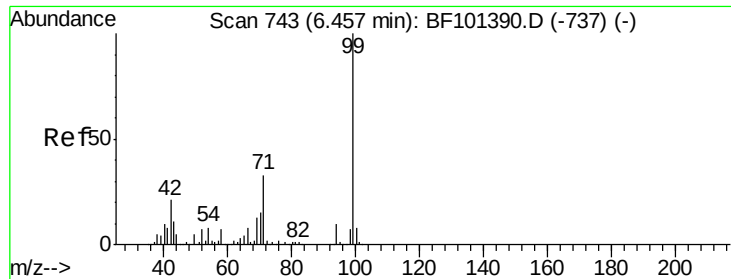


#5

2-Fluorophenol
Concen: 115.916 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion:112 Resp: 1128842
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 97.978 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

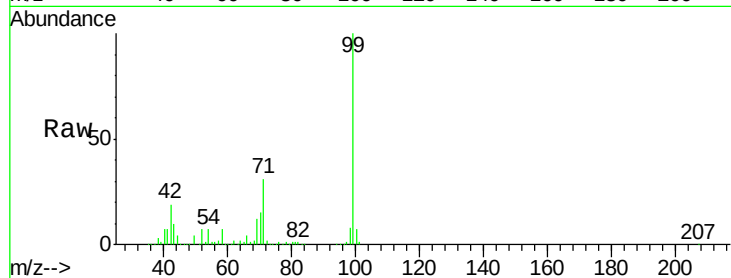
Tgt Ion: 99 Resp: 1187487

Ion Ratio Lower Upper

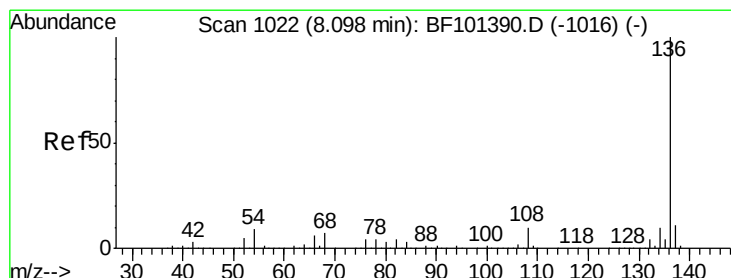
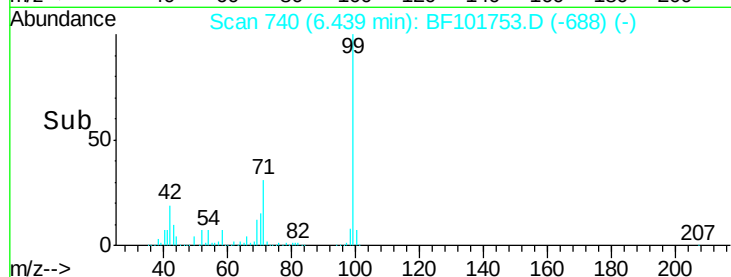
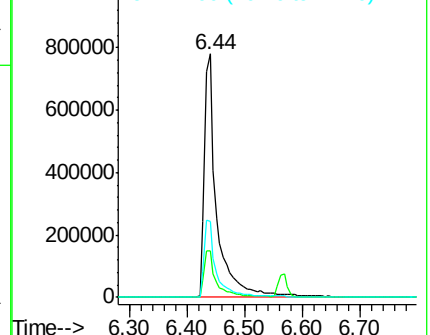
99 100

42 19.4 14.5 21.7

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Tgt Ion: 136 Resp: 538904

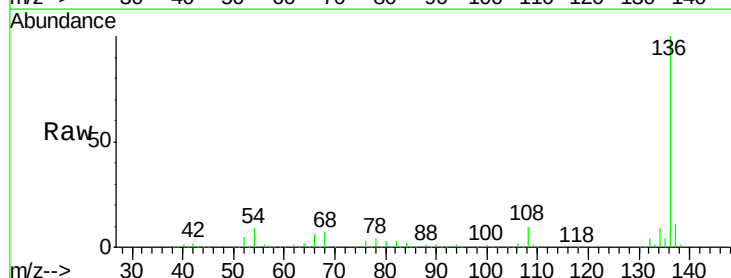
Ion Ratio Lower Upper

136 100

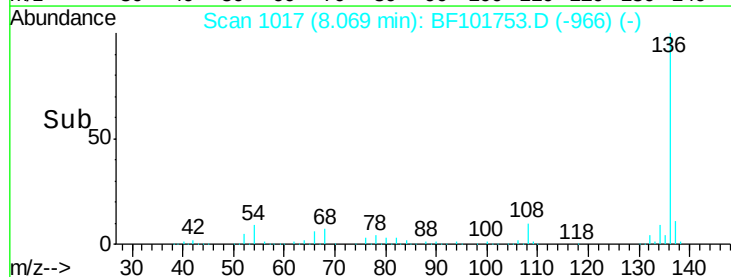
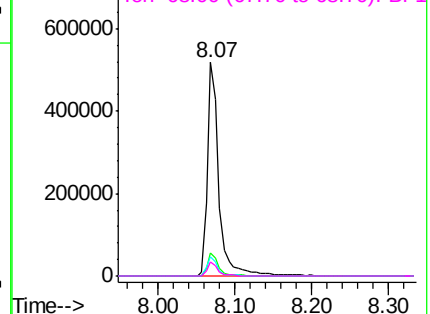
137 10.8 8.9 13.3

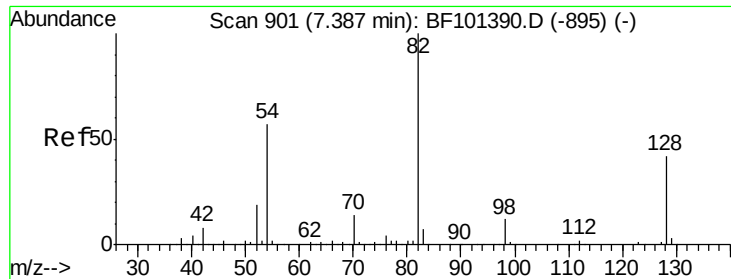
54 8.9 6.6 9.8

68 6.8 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

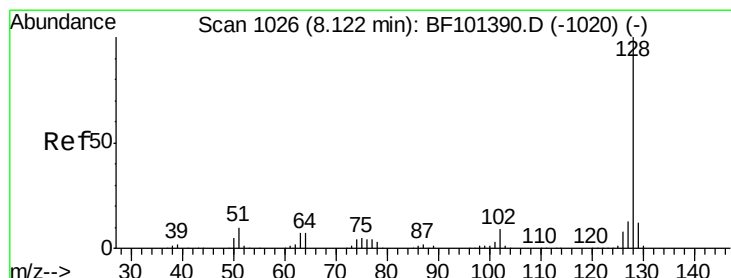
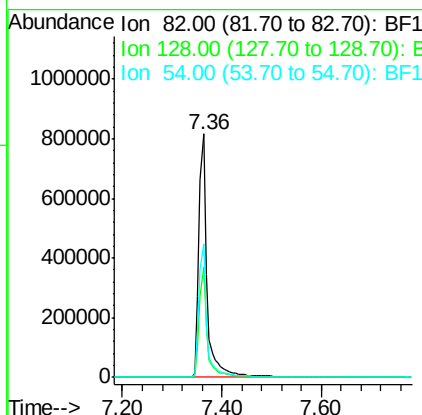
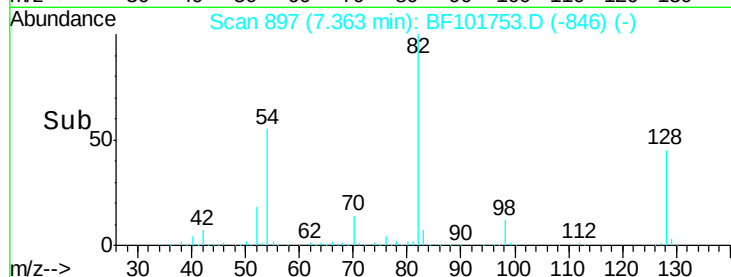
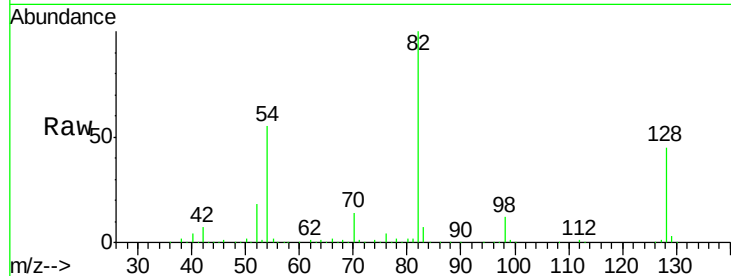




#23
Nitrobenzene-d5
Concen: 97.305 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

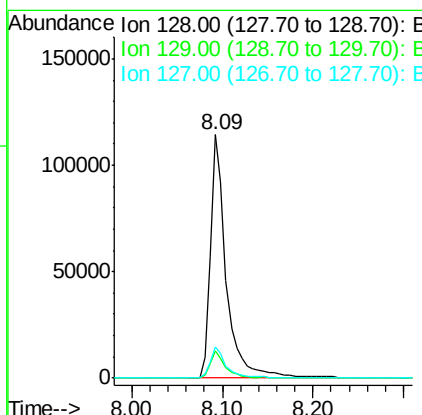
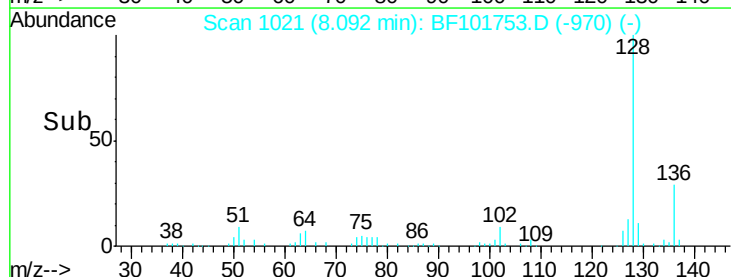
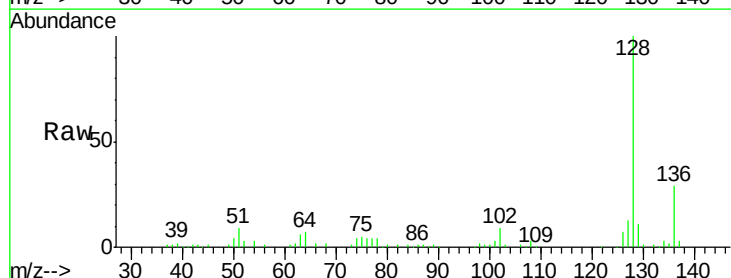
Instrument :
BNA_F
ClientSampleId :
BU-01-122217

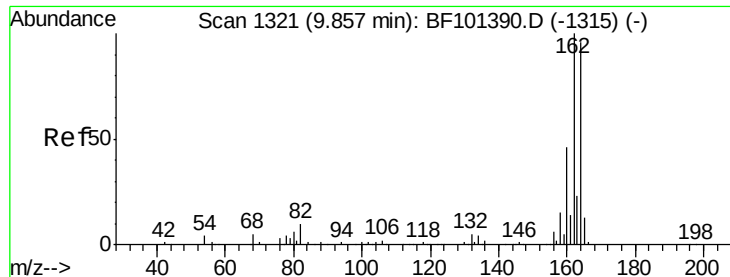
Tgt Ion: 82 Resp: 942015
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 55.0 41.4 62.2



#31
Naphthalene
Concen: 5.194 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101753.D
Acq: 27 Dec 2017 10:03

Tgt Ion: 128 Resp: 140903
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.9 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

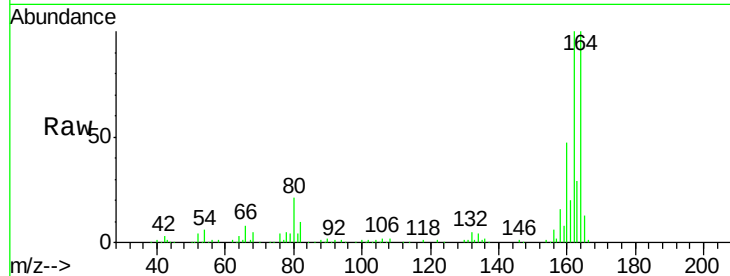
Tgt Ion:164 Resp: 207045

Ion Ratio Lower Upper

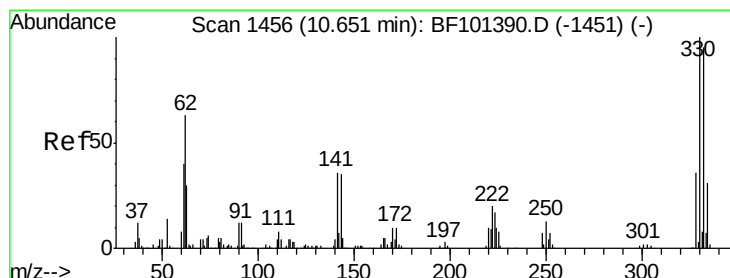
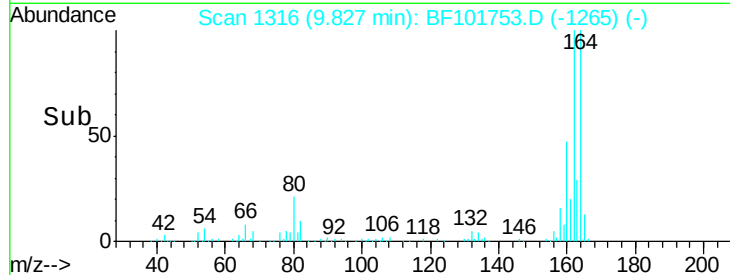
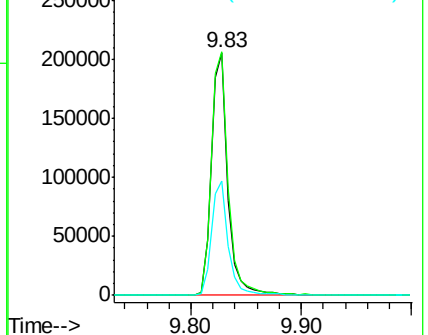
164 100

162 100.2 86.1 129.1

160 47.3 38.3 57.5



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: 128.326 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

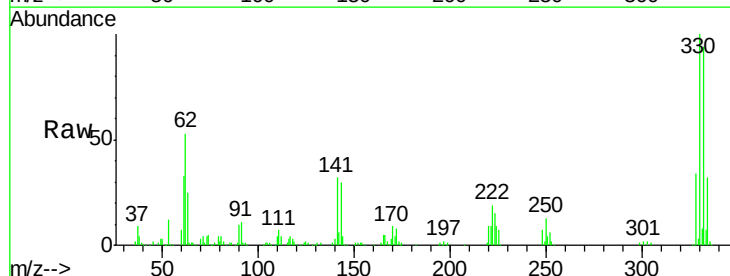
Tgt Ion:330 Resp: 256016

Ion Ratio Lower Upper

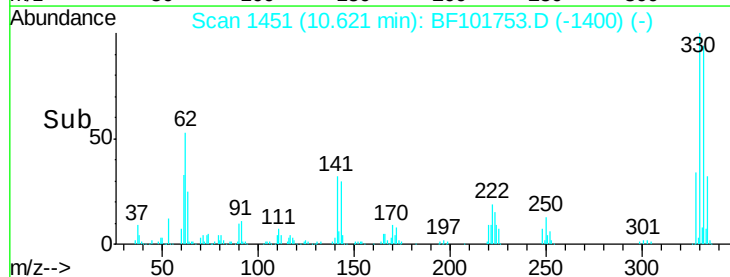
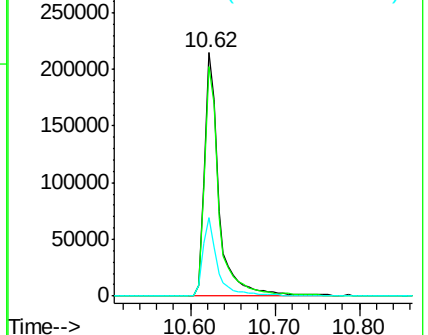
330 100

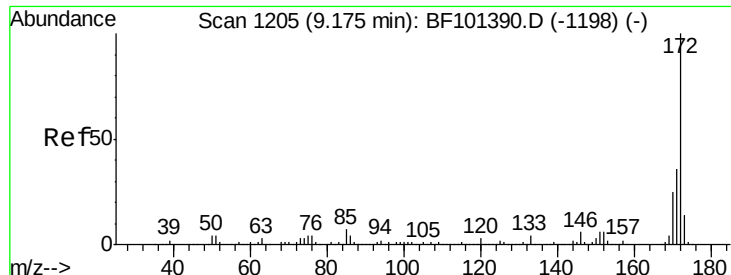
332 96.4 77.0 115.6

141 32.4 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

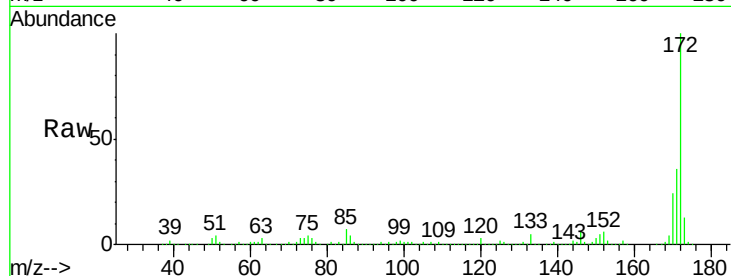




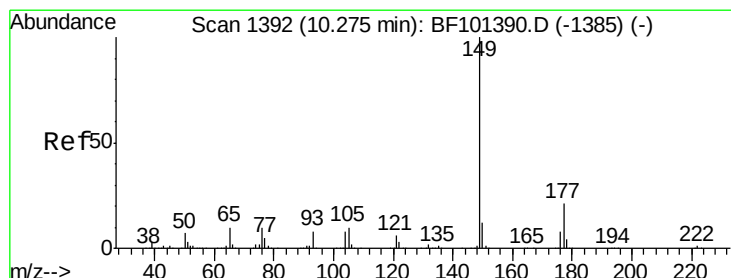
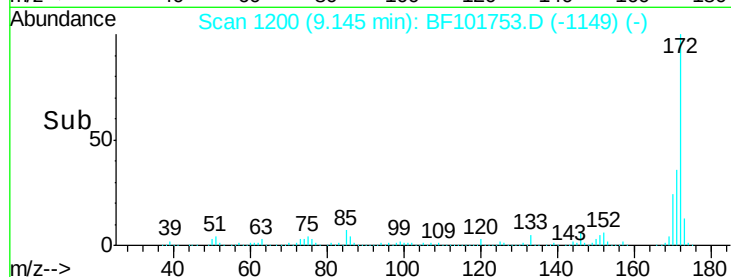
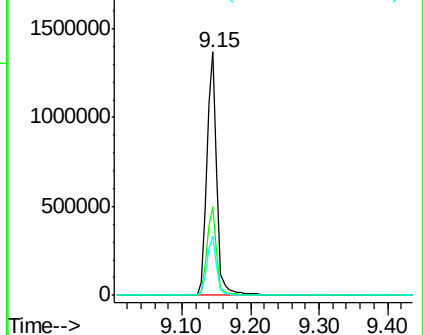
#44
 2-Fluorobiphenyl
 Concen: 106.345 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122217

Tgt Ion:172 Resp: 1419394
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.6 29.4

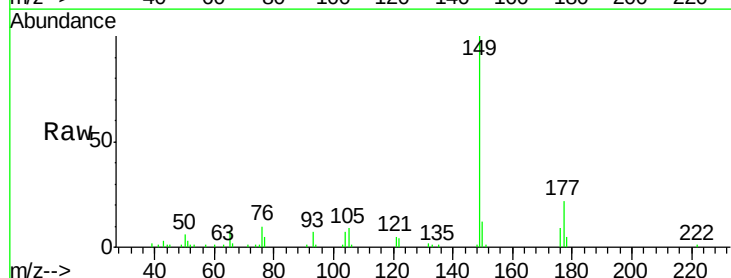


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

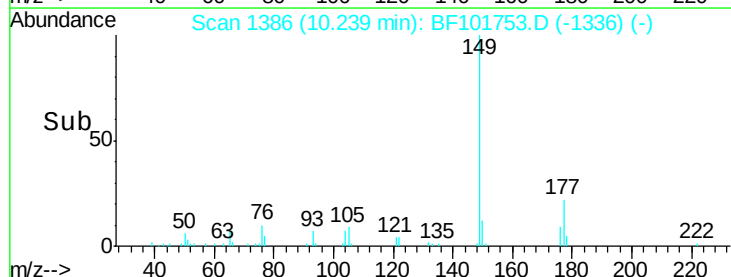
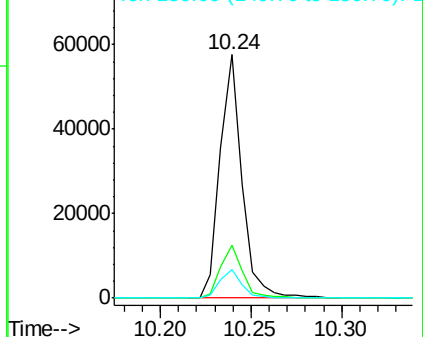


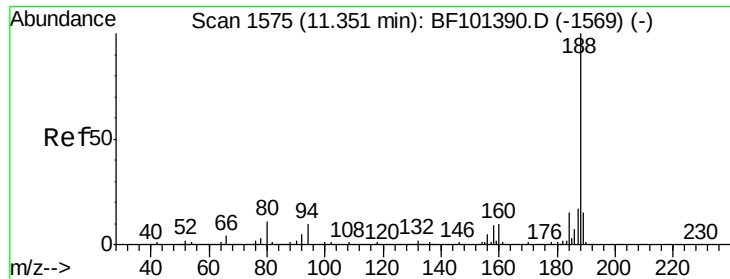
#59
 Diethylphthalate
 Concen: 2.955 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF101753.D
 Acq: 27 Dec 2017 10:03

Tgt Ion:149 Resp: 48727
 Ion Ratio Lower Upper
 149 100
 177 21.9 16.1 24.1
 150 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

Instrument :

BNA_F

ClientSampleId :

BU-01-122217

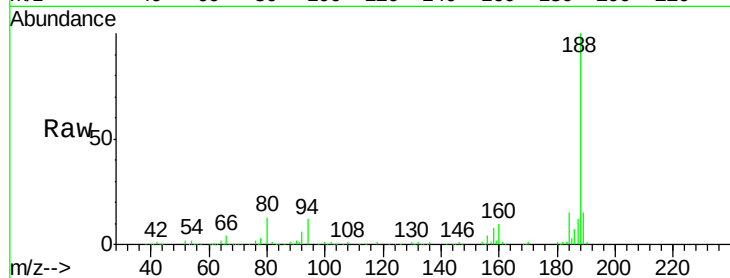
Tgt Ion:188 Resp: 320231

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

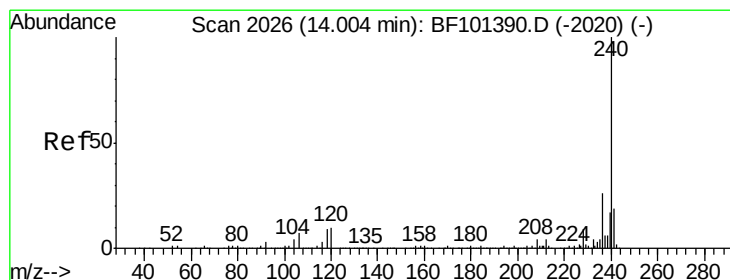
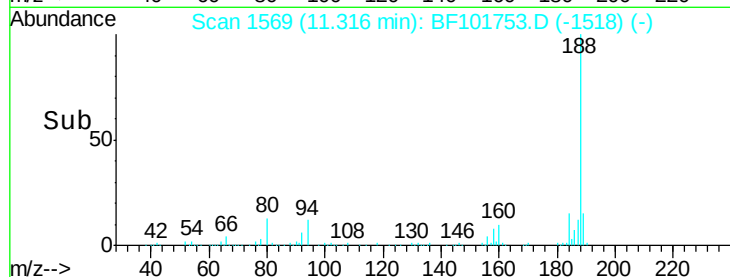
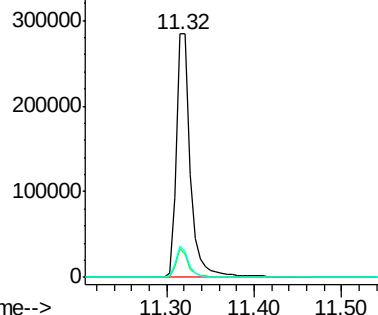
80 12.7 9.2 13.8



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: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

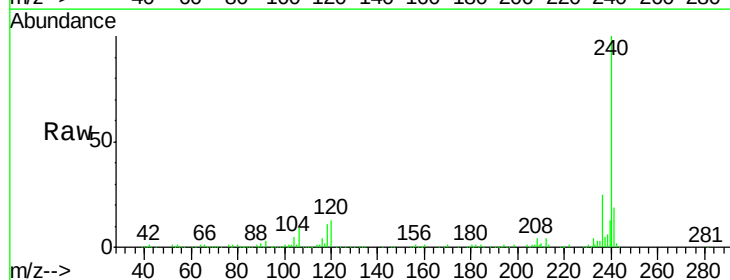
Tgt Ion:240 Resp: 305726

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

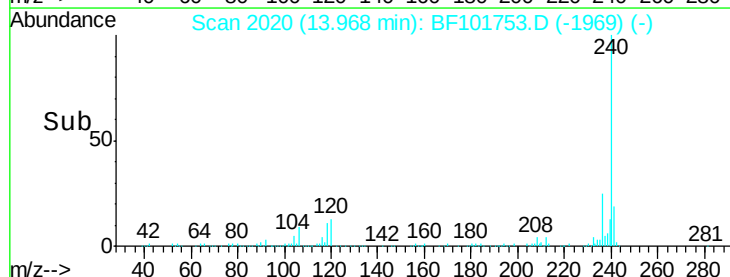
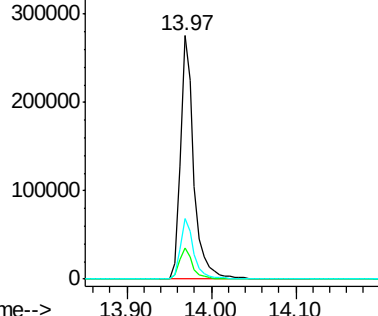
236 24.8 20.7 31.1

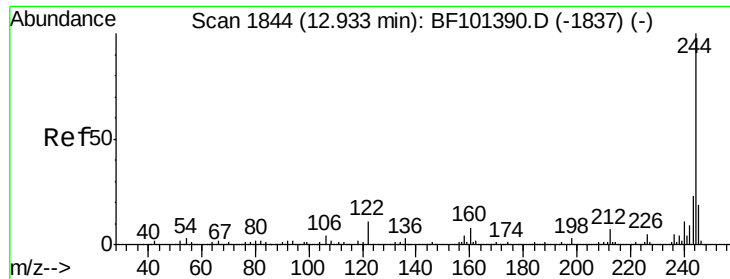


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.000 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

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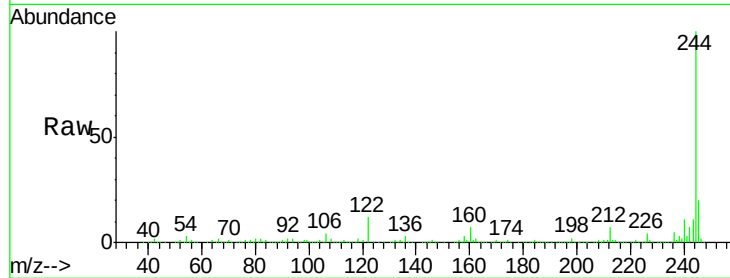
Tgt Ion:244 Resp: 1115987

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

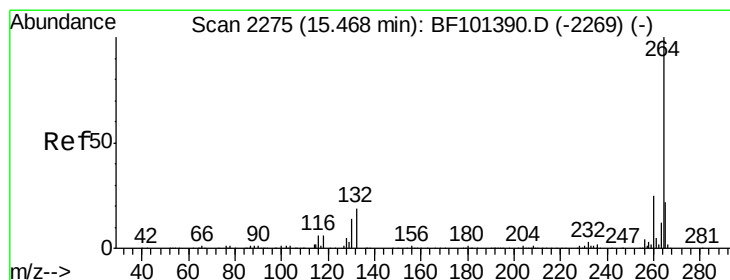
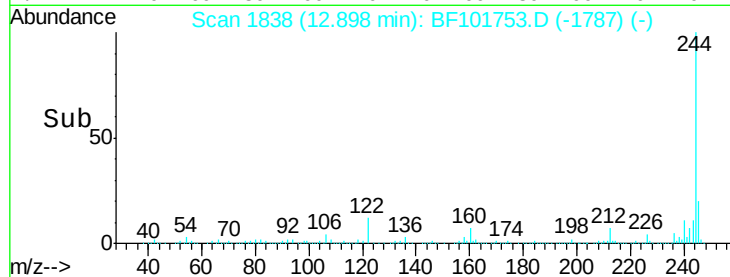
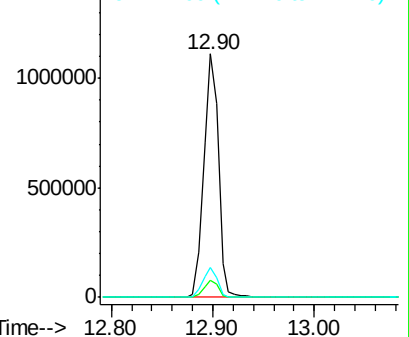
122 12.1 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101753.D

Acq: 27 Dec 2017 10:03

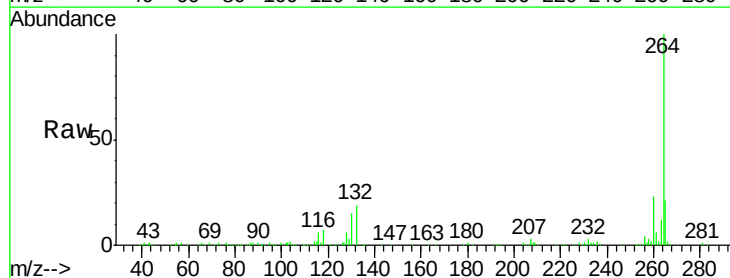
Tgt Ion:264 Resp: 239220

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 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

