

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102404.D
 Acq On : 24 Jan 2018 21:53
 Operator : SJ/JU
 Sample : J1255-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: Jan 25 01:27:41 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

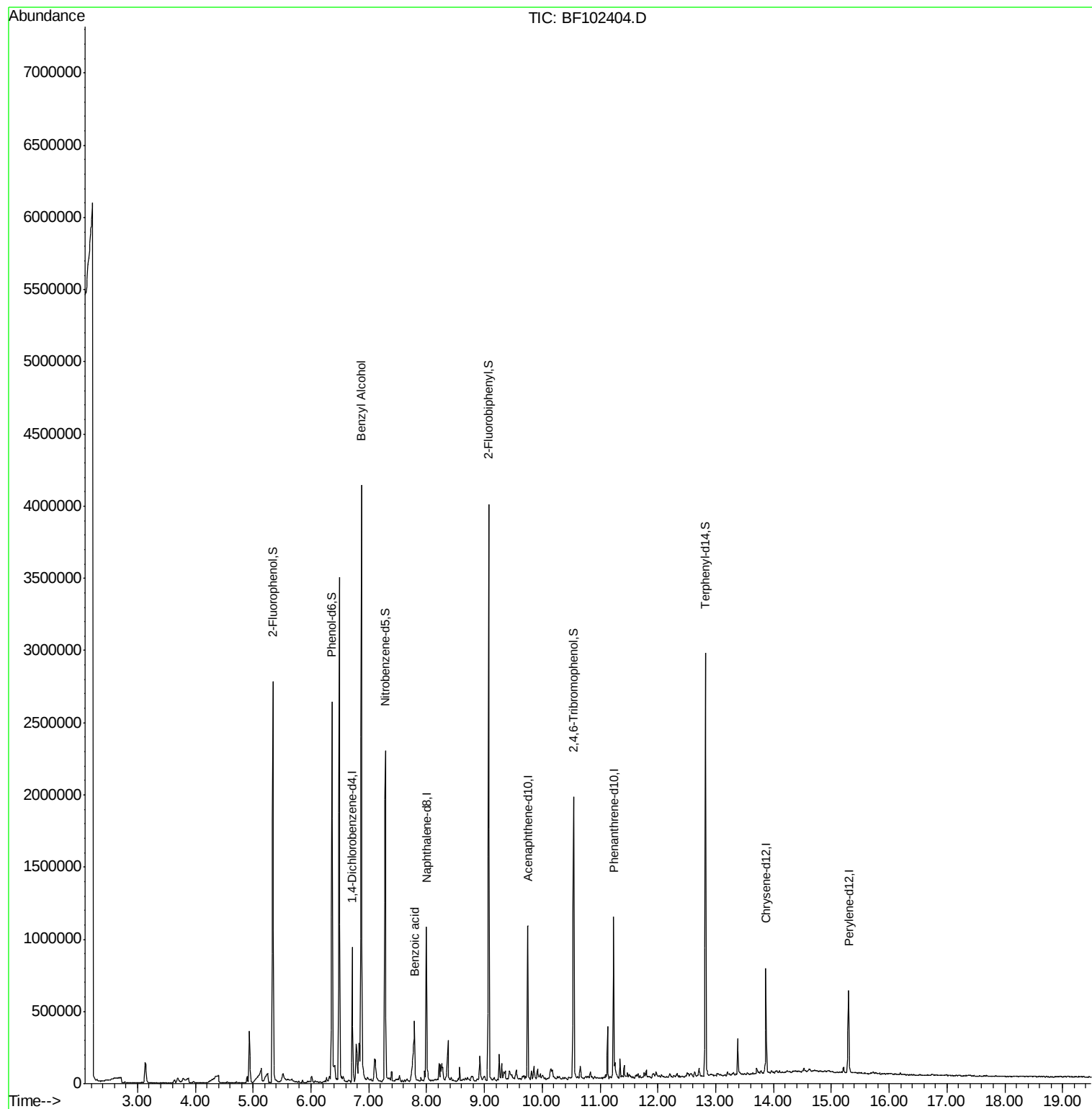
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130096	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	531573	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	231030	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	365125	20.00	ng	0.00
75) Chrysene-d12	13.87	240	257947	20.00	ng	0.00
86) Perylene-d12	15.30	264	245451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	994498	115.91	ng	0.02
7) Phenol-d6	6.36	99	1086876	105.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	807207	87.26	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	252987	110.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1359835	86.54	ng	0.00
78) Terphenyl-d14	12.82	244	1087209	95.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	455932	62.470	ng	97
32) Benzoic acid	7.79	122	75451	12.448	ng	95

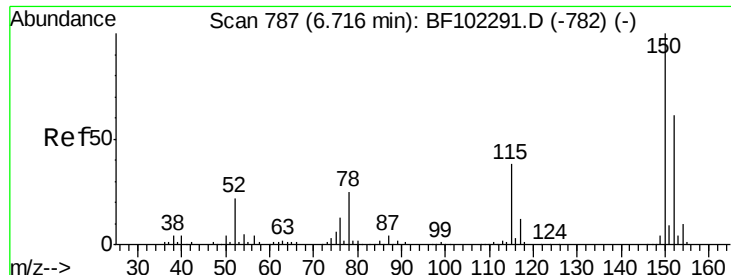
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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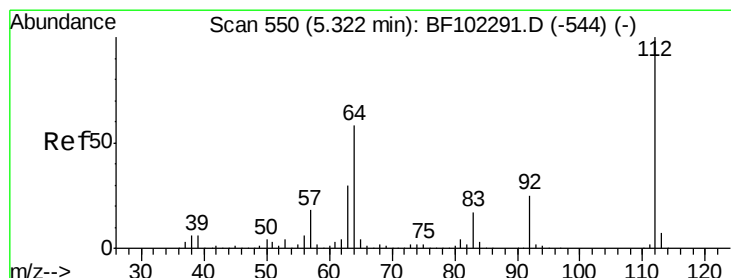
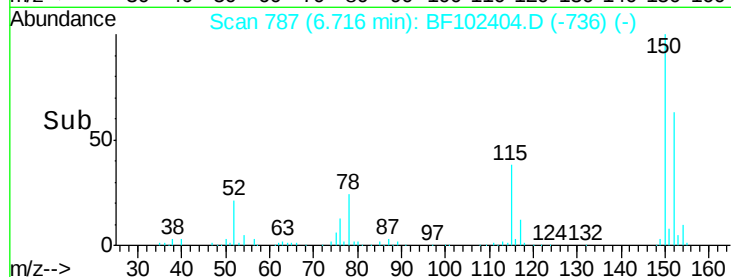
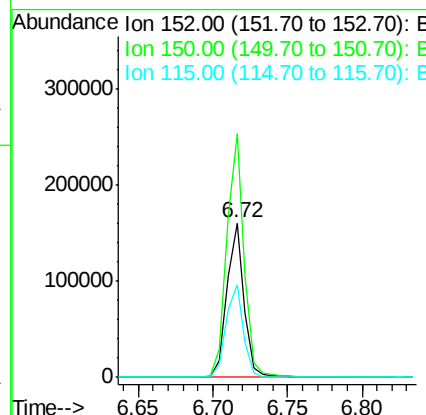
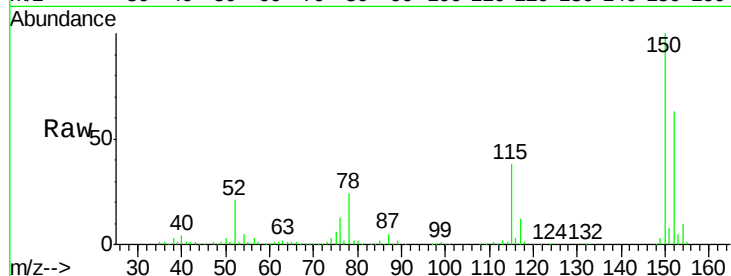


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102404.D
Acq: 24 Jan 2018 21:53

Instrument :
BNA_F
ClientSampleId :
OWS-1

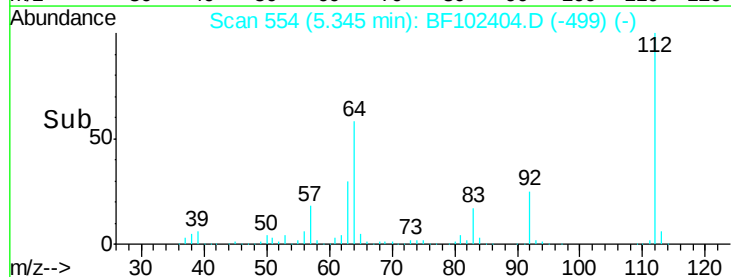
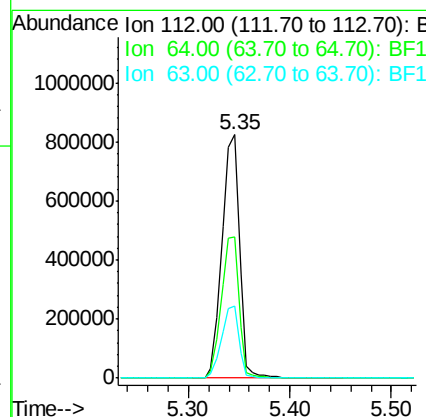
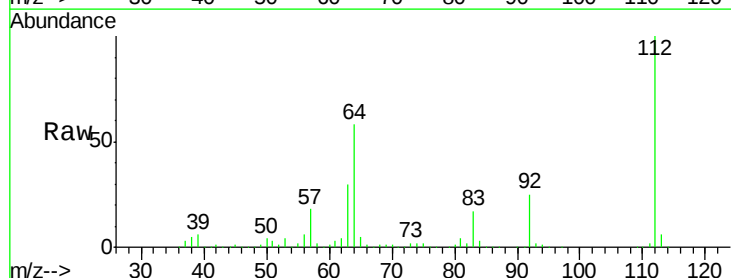
Tgt Ion:152 Resp: 130096
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.4 50.1 75.1

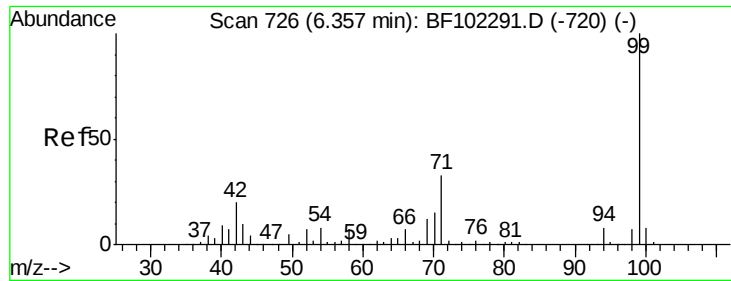


#5

2-Fluorophenol
Concen: 115.908 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102404.D
Acq: 24 Jan 2018 21:53

Tgt Ion:112 Resp: 994498
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 105.073 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

Instrument :

BNA_F

ClientSampleId :

OWS-1

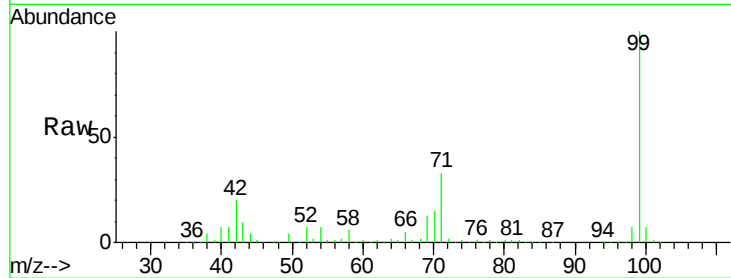
Tgt Ion: 99 Resp: 1086876

Ion Ratio Lower Upper

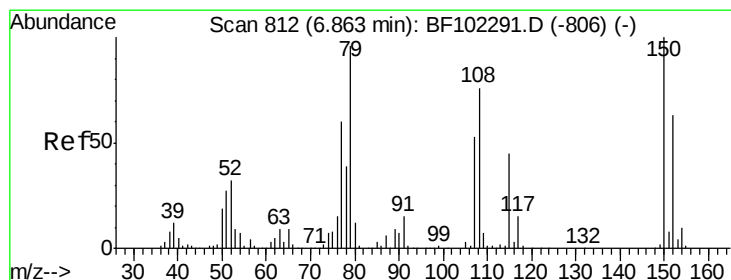
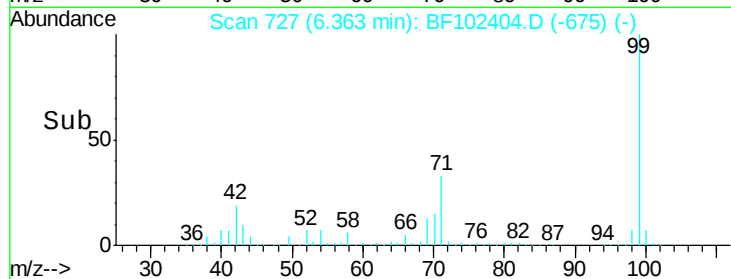
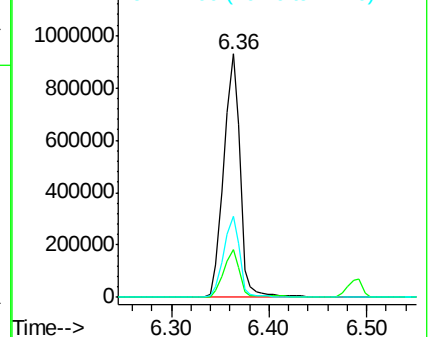
99 100

42 19.5 14.5 21.7

71 33.4 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



#15

Benzyl Alcohol

Concen: 62.470 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

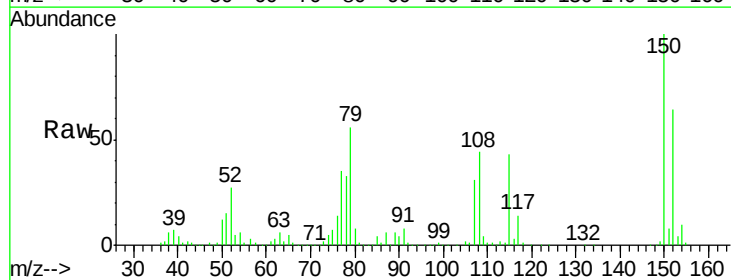
Tgt Ion: 79 Resp: 455932

Ion Ratio Lower Upper

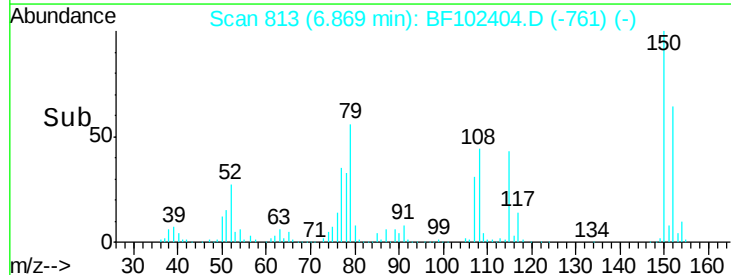
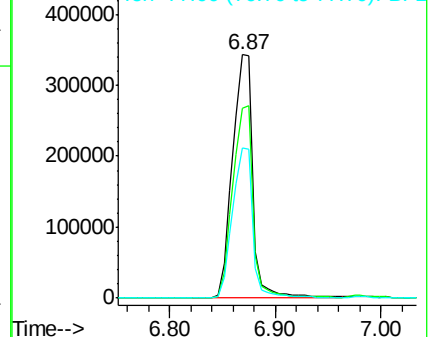
79 100

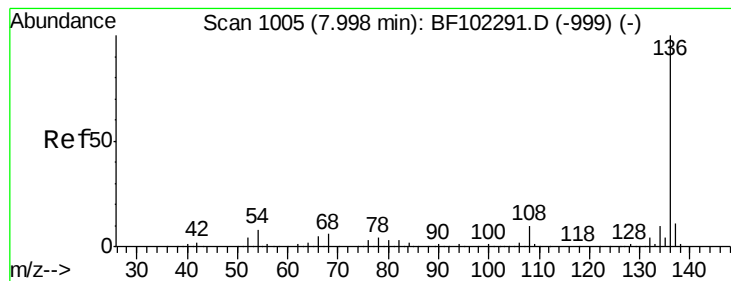
108 78.1 65.1 97.7

77 61.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

Instrument :

BNA_F

ClientSampleId :

OWS-1

Tgt Ion:136 Resp: 531573

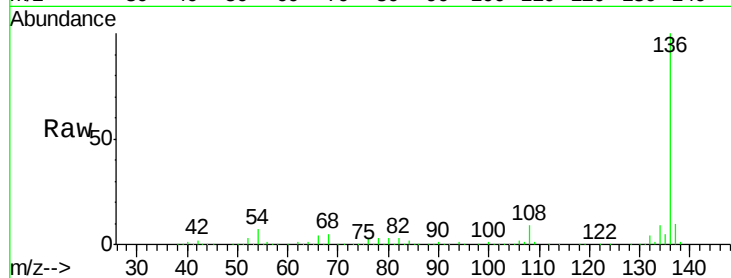
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.0 6.6 9.8

68 4.8 5.0 7.4#

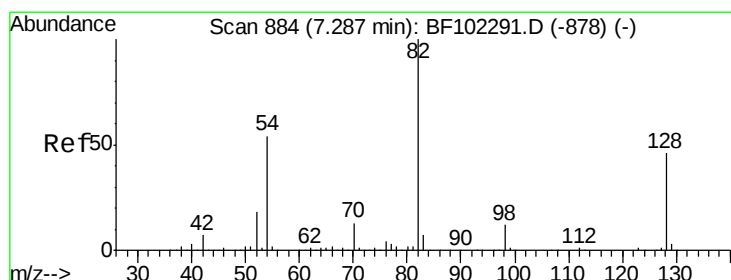
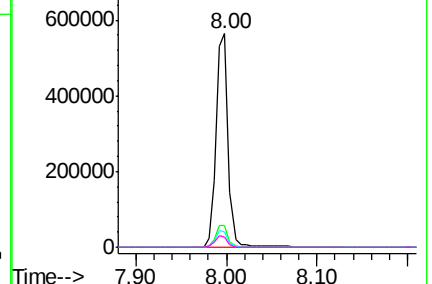
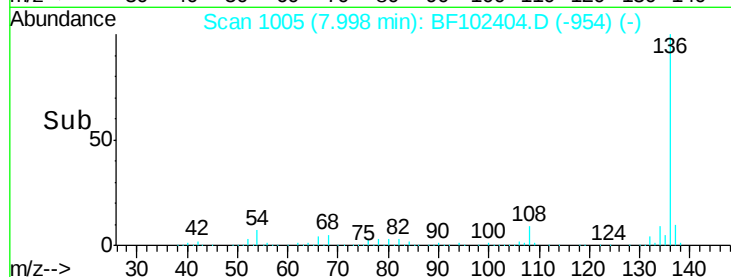


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.265 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

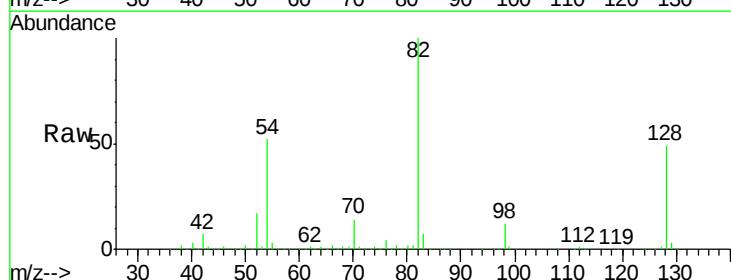
Tgt Ion: 82 Resp: 807207

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

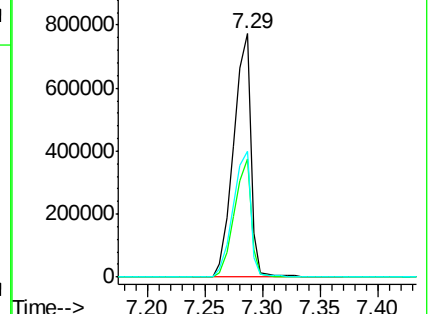
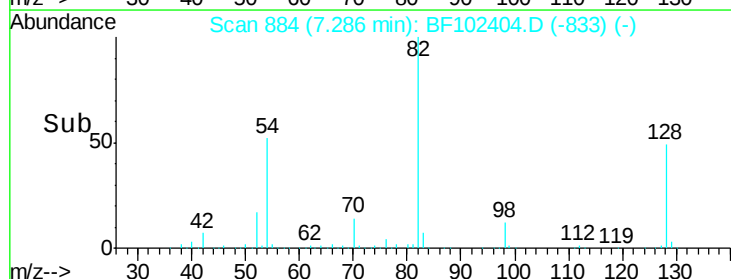
54 51.8 41.4 62.2

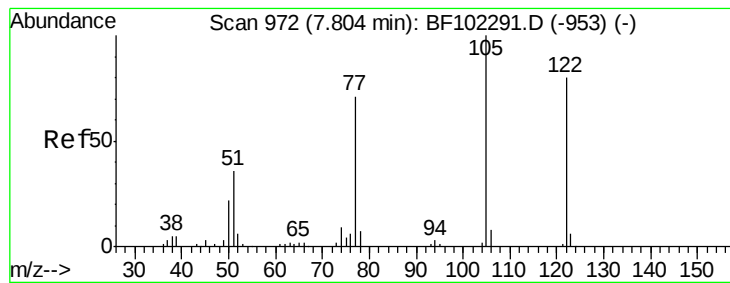


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 12.448 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

Instrument :

BNA_F

ClientSampleId :

OWS-1

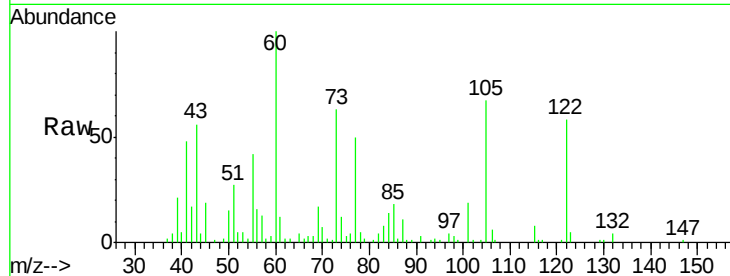
Tgt Ion:122 Resp: 75451

Ion Ratio Lower Upper

122 100

105 115.2 101.1 141.1

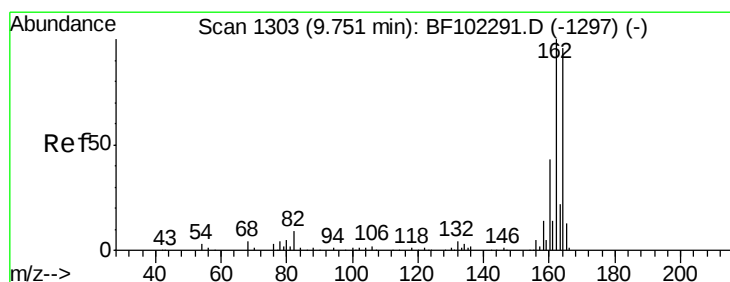
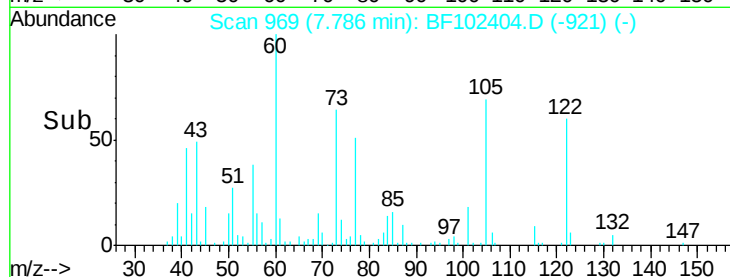
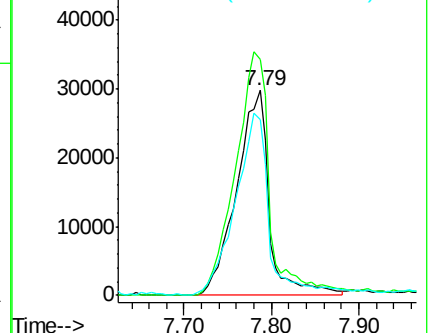
77 86.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

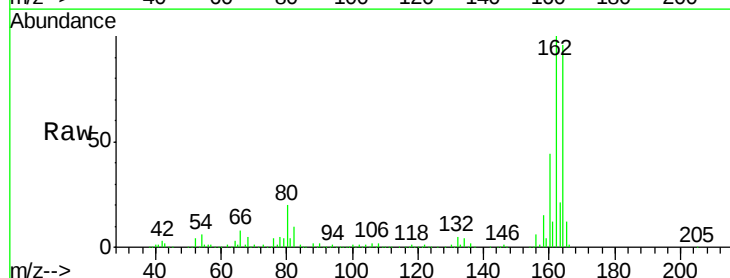
Tgt Ion:164 Resp: 231030

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

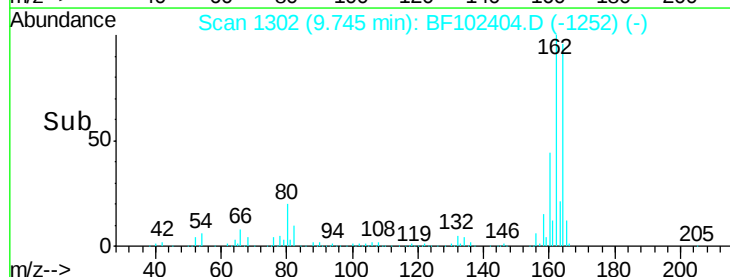
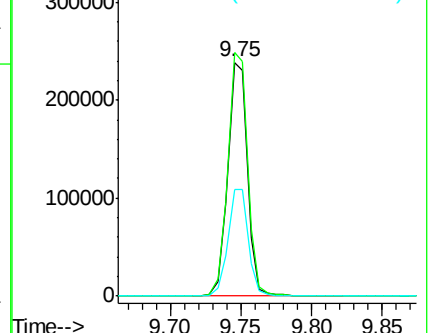
160 45.8 38.3 57.5

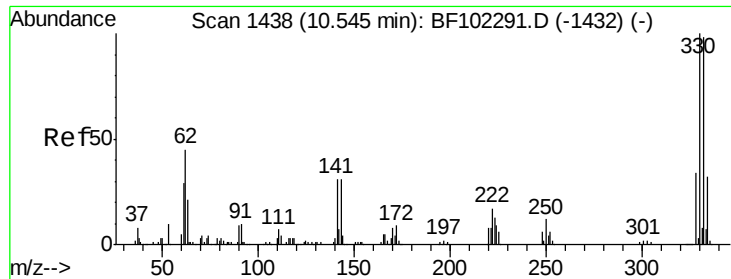


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

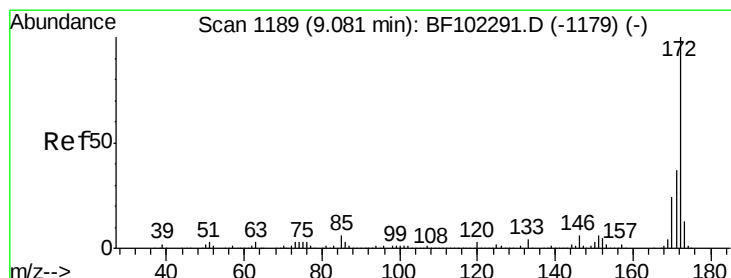
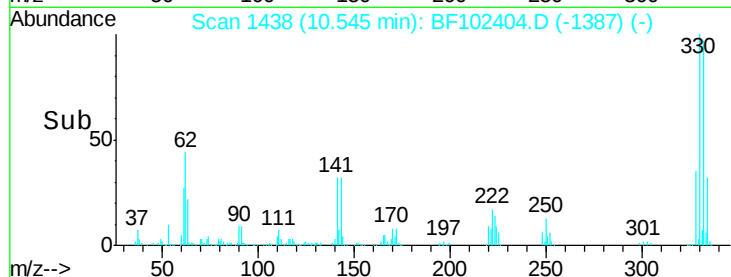
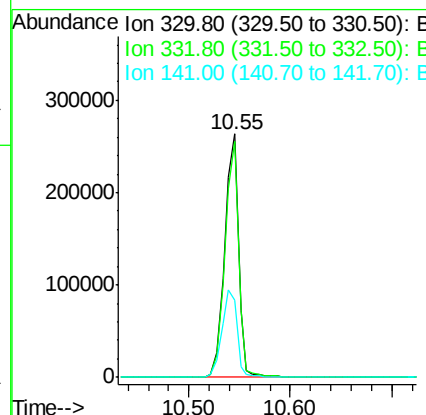
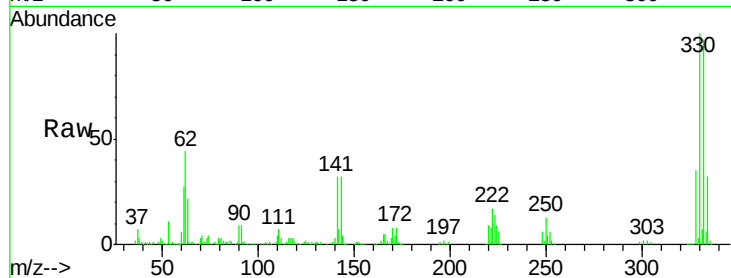




#41
 2,4,6-Tribromophenol
 Concen: 110.514 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102404.D
 Acq: 24 Jan 2018 21:53

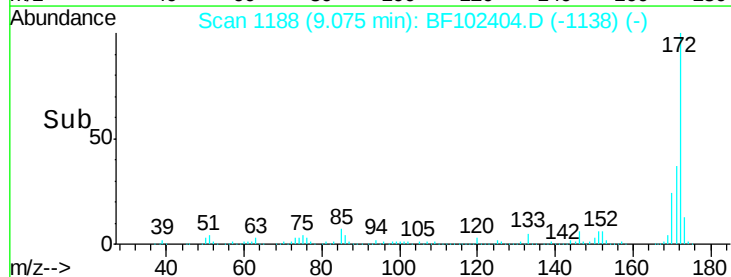
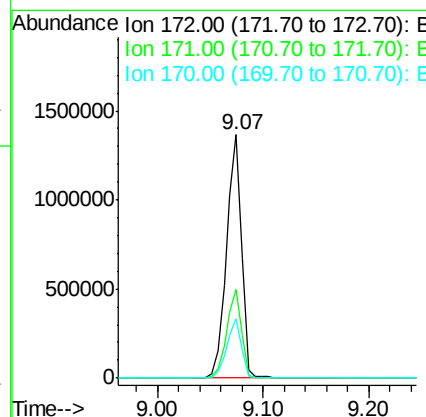
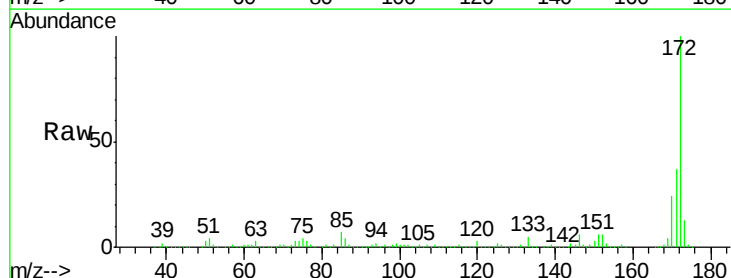
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tgt Ion:330 Resp: 252987
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 39.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.544 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102404.D
 Acq: 24 Jan 2018 21:53

Tgt Ion:172 Resp: 1359835
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4

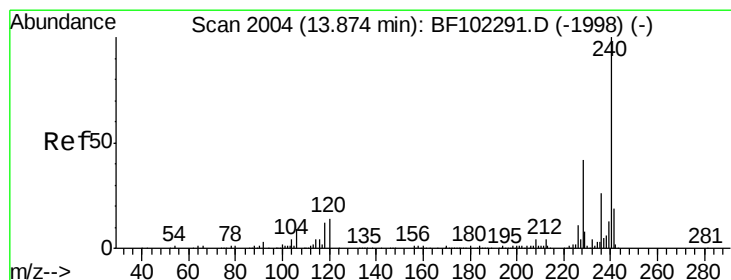
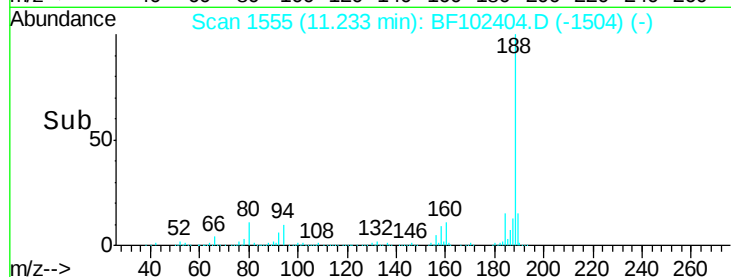
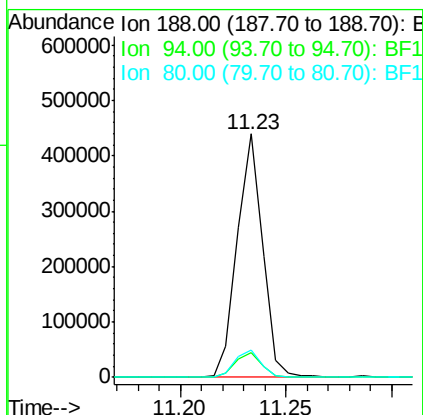
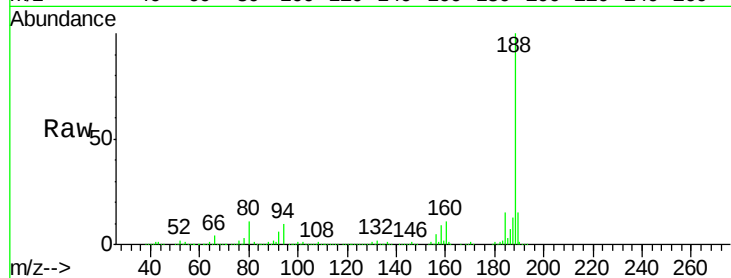




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102404.D
Acq: 24 Jan 2018 21:53

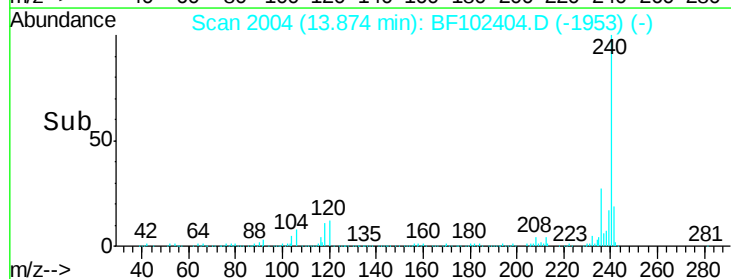
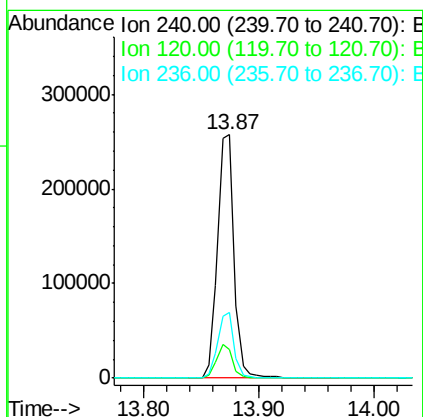
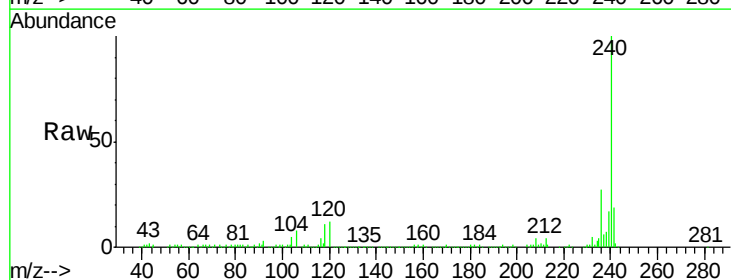
Instrument :
BNA_F
ClientSampleId :
OWS-1

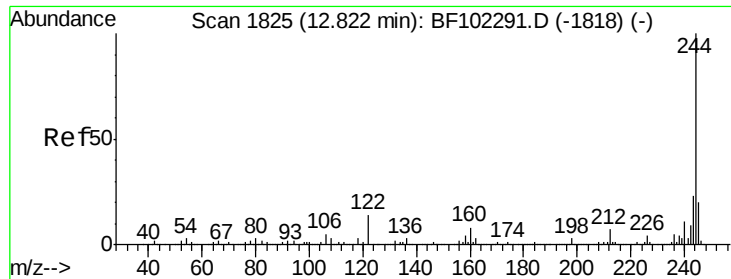
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102404.D
Acq: 24 Jan 2018 21:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.9	20.7	31.1





#78

Terphenyl-d14

Concen: 95.018 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

Instrument :

BNA_F

ClientSampled :

OWS-1

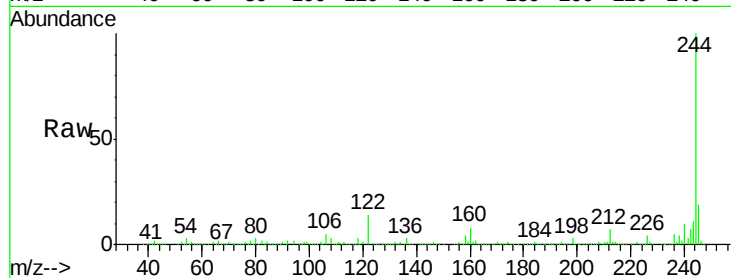
Tgt Ion:244 Resp: 1087209

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

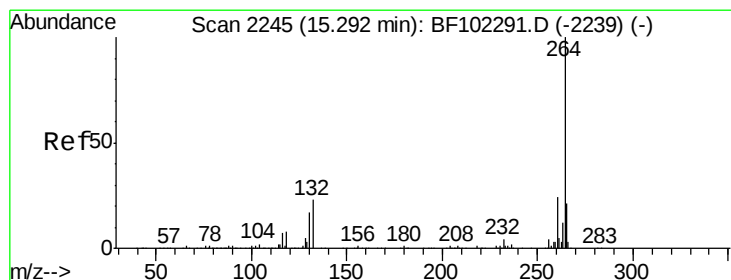
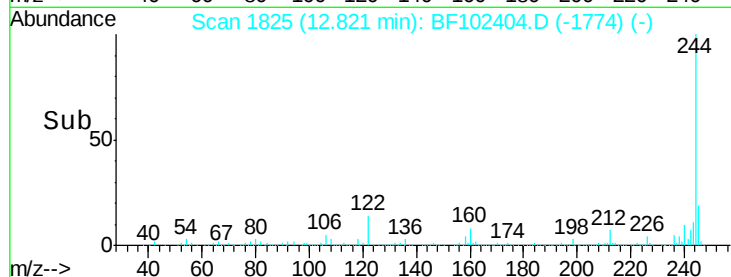
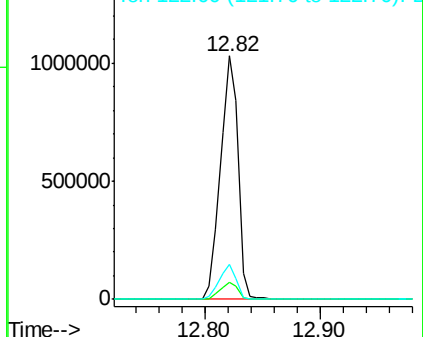
122 14.2 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102404.D

Acq: 24 Jan 2018 21:53

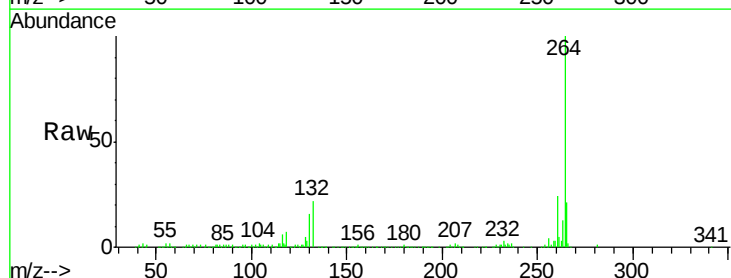
Tgt Ion:264 Resp: 245451

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

