

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102964.D
 Acq On : 13 Feb 2018 16:24
 Operator : SJ/JU
 Sample : J1398-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-021218

Quant Time: Feb 14 01:26:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

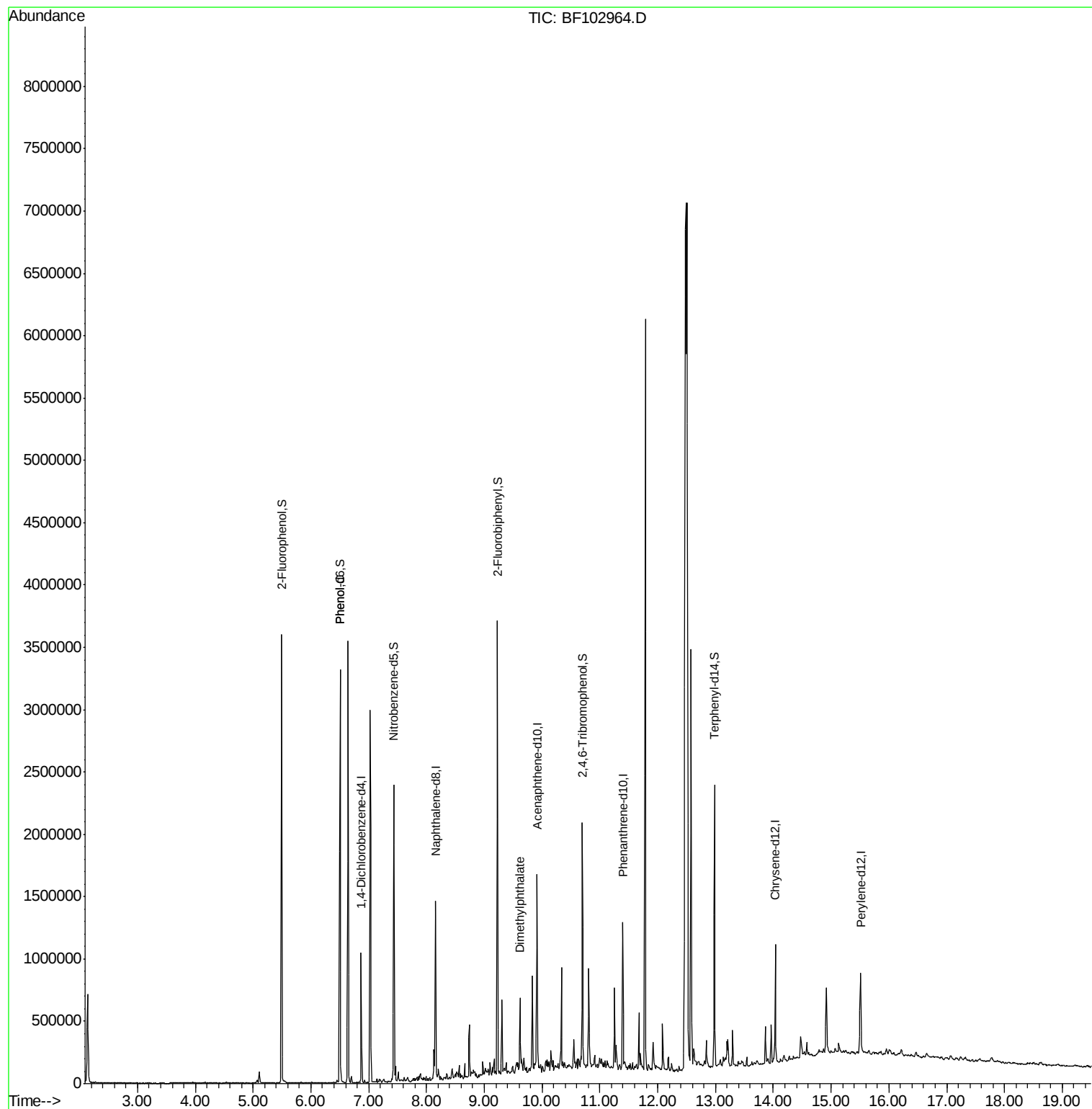
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151811	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	644218	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	283334	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417220	20.00	ng	0.00
75) Chrysene-d12	14.03	240	295493	20.00	ng	0.00
86) Perylene-d12	15.51	264	282172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1007340	100.77	ng	0.00
7) Phenol-d6	6.50	99	1216304	101.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	771562	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	217899	95.55	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1124709	65.87	ng	-0.01
78) Terphenyl-d14	12.98	244	733409	58.77	ng	0.00
Target Compounds						
10) Phenol	6.51	94	26820	2.079	ng	Qvalue # 63
49) Dimethylphthalate	9.62	163	161975	7.332	ng	99

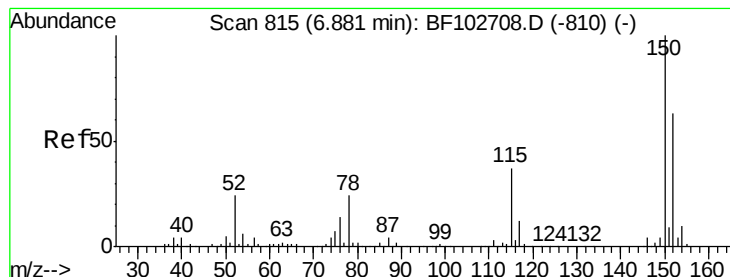
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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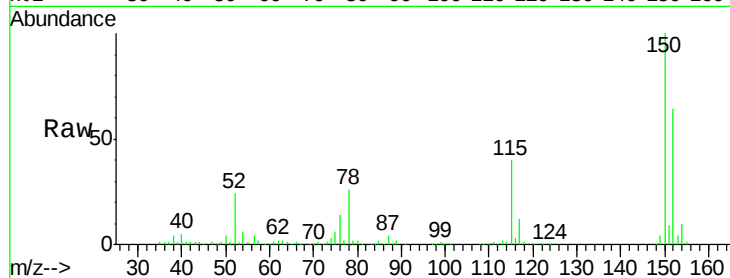


#1

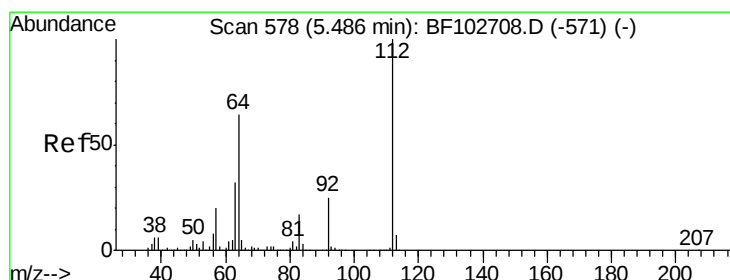
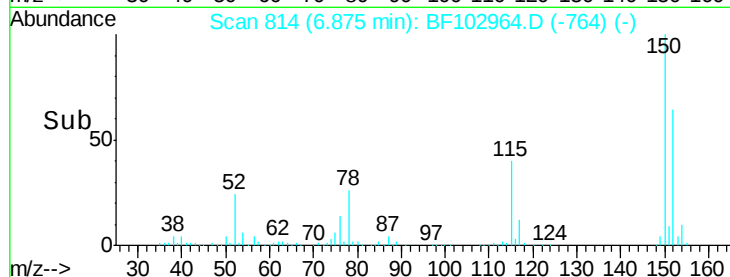
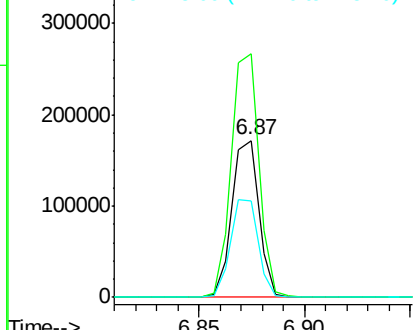
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tot Ion:152 Resp: 151811
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.5 50.1 75.1



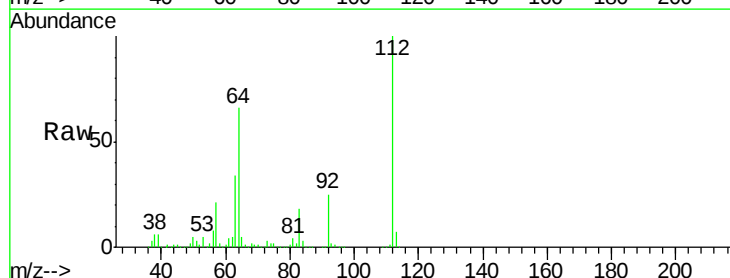
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



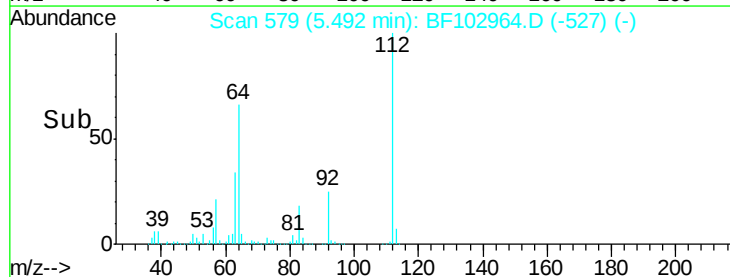
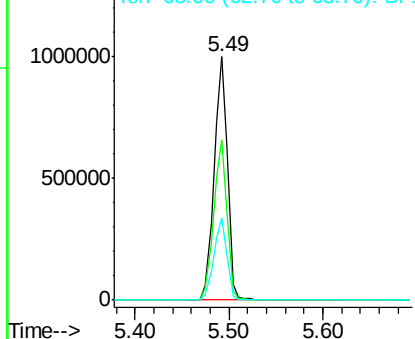
#5

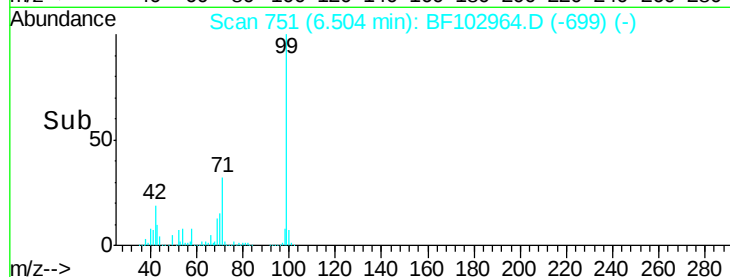
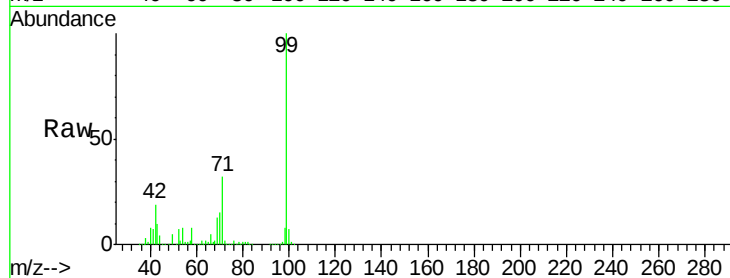
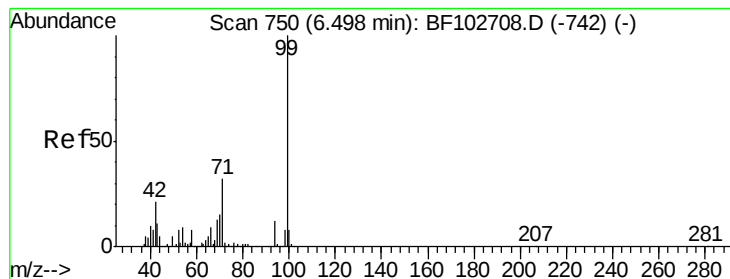
2-Fluorophenol
Concen: 100.771 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:112 Resp: 1007340
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 33.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.053 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

OK-02-021218

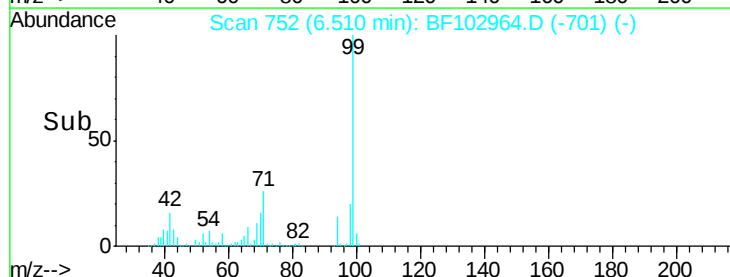
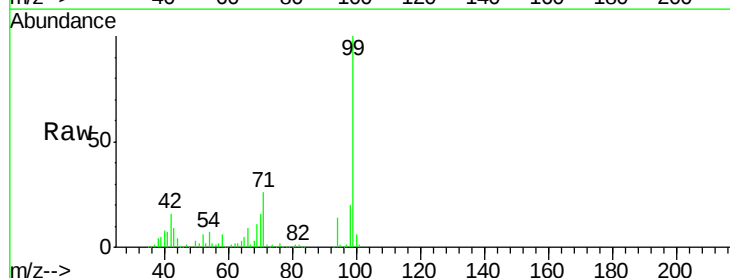
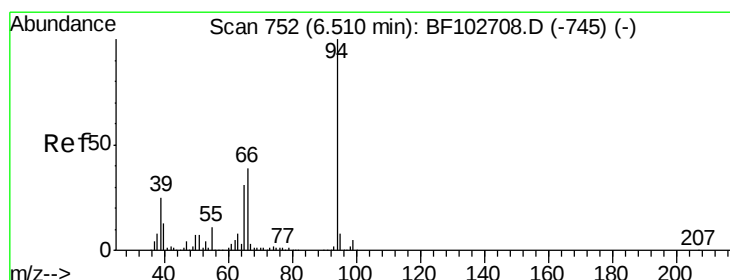
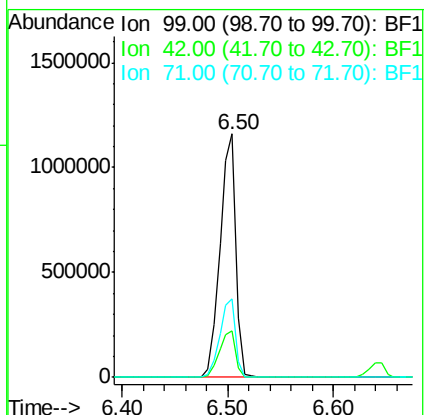
Tot Ion: 99 Resp: 1216304

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 2.079 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

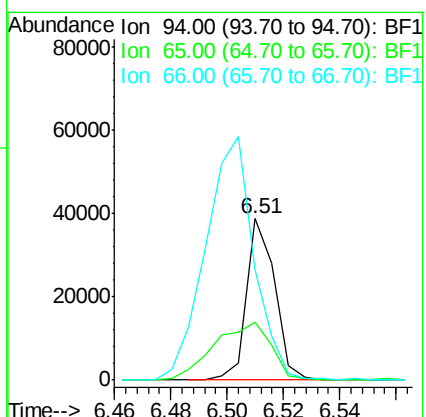
Tgt Ion: 94 Resp: 26820

Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

66 68.4 16.2 56.2#

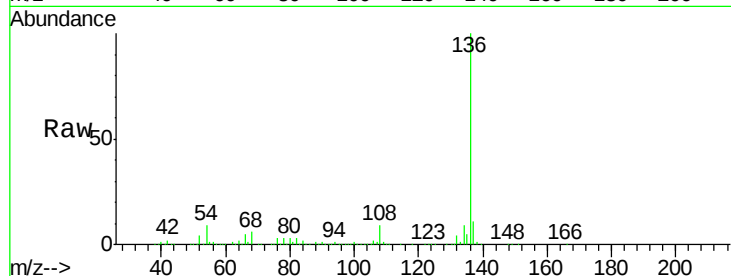




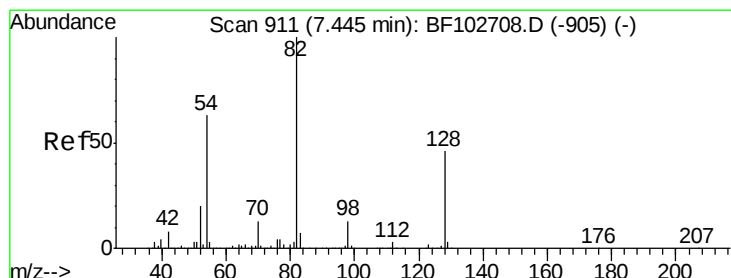
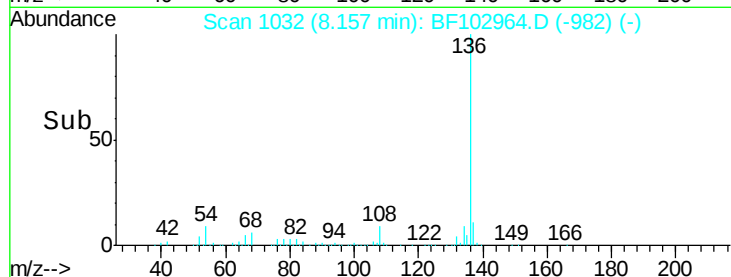
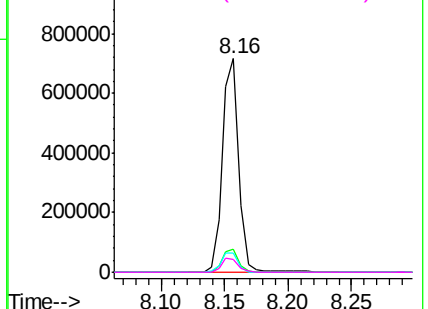
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tot Ion:136	Resp:	644218	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 9.2	6.6	9.8	
68 6.2	5.0	7.4	

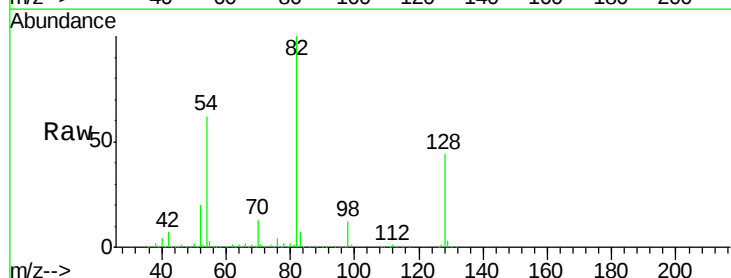


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

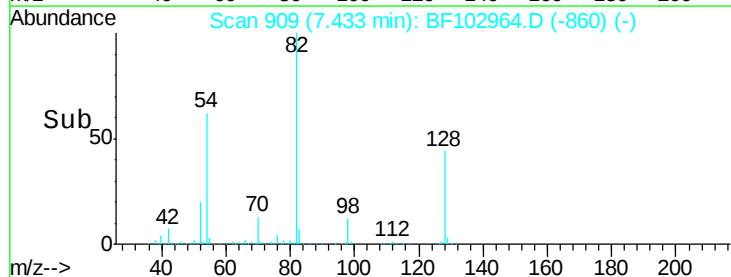
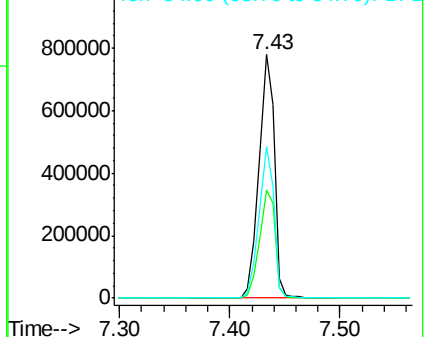


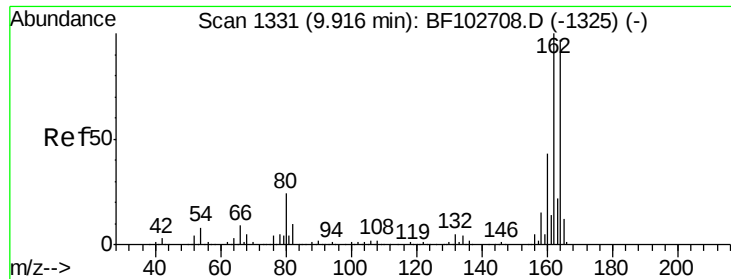
#23
Nitrobenzene-d5
Concen: 83.083 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt	Ion: 82	Resp:	771562
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	62.2	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

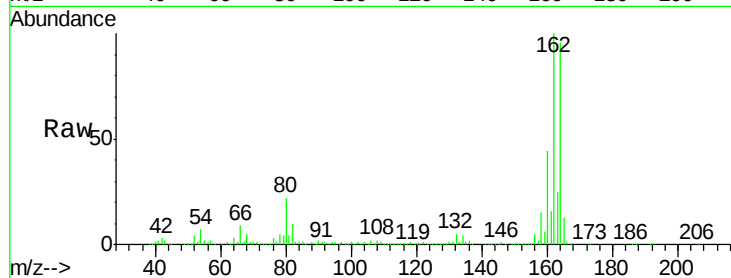




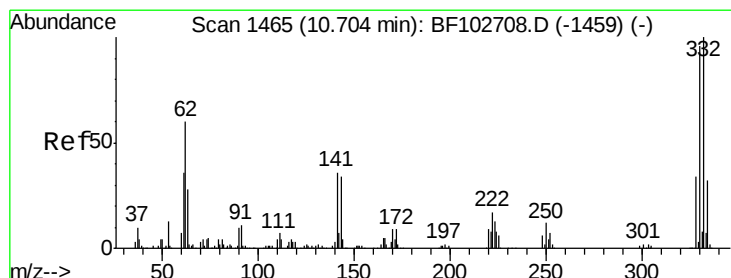
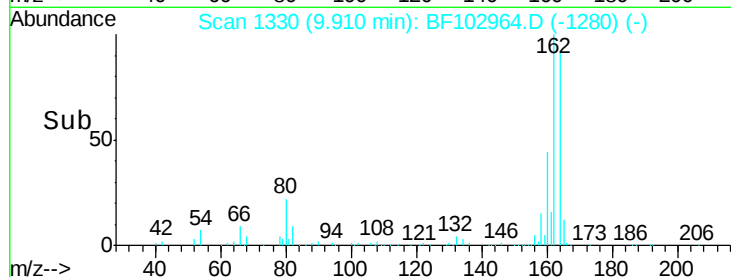
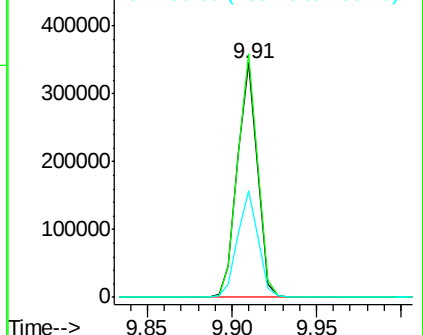
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102964.D
 Acq: 13 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-021218

Tot Ion:164 Resp: 283334
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.6 38.3 57.5

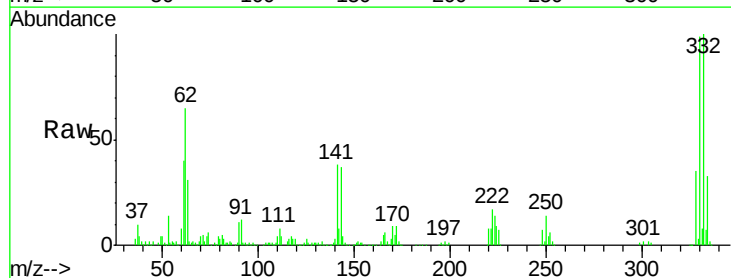


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

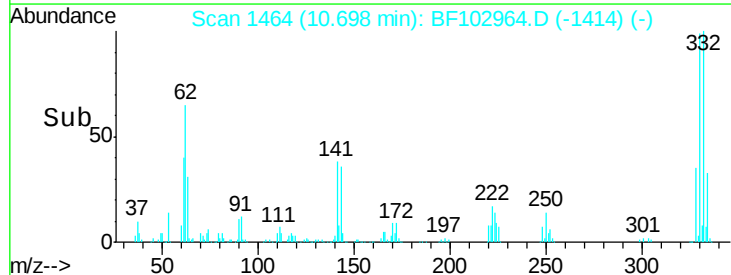
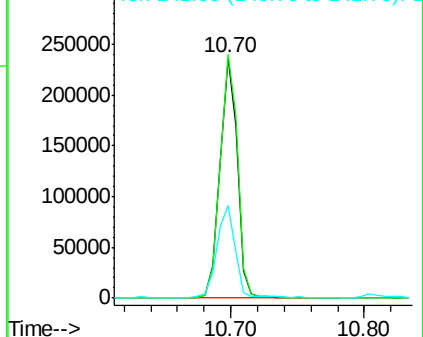


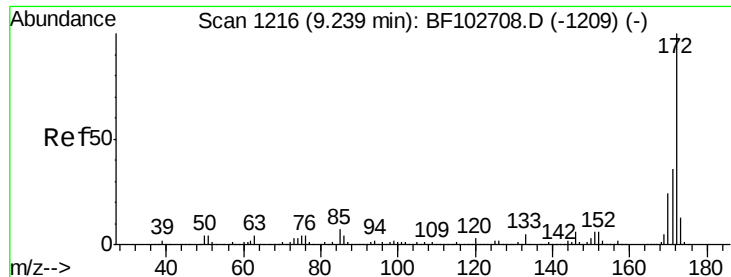
#41
 2,4,6-Tribromophenol
 Concen: 95.548 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF102964.D
 Acq: 13 Feb 2018 16:24

Tgt Ion:330 Resp: 217899
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 39.7 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

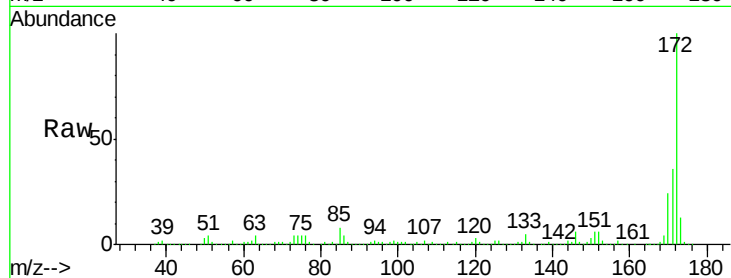




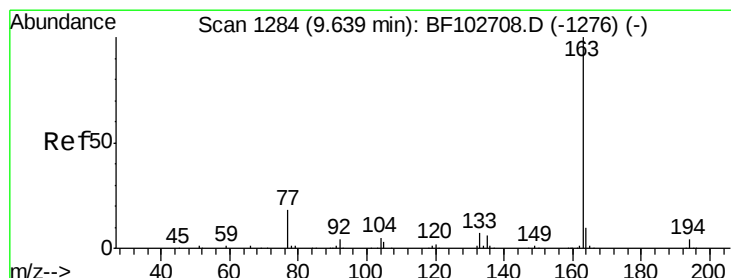
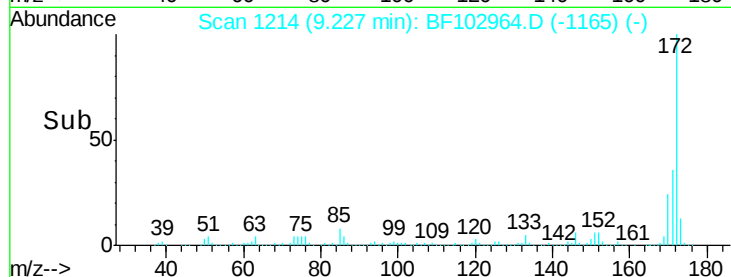
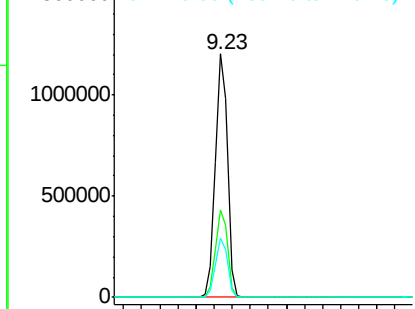
#44
2-Fluorobiphenyl
Concen: 65.869 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tot Ion:172 Resp: 1124709
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4

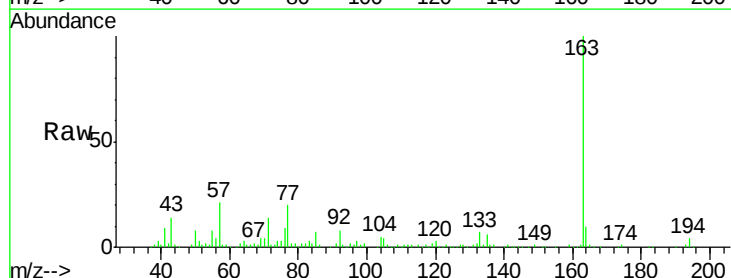


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

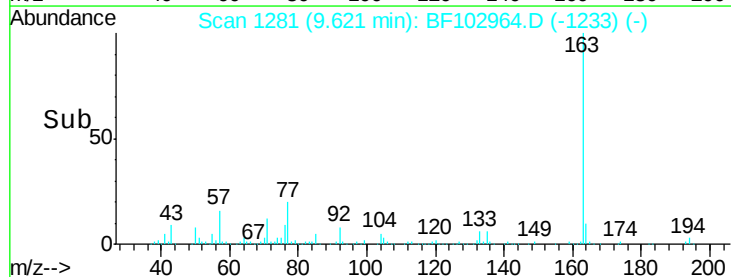
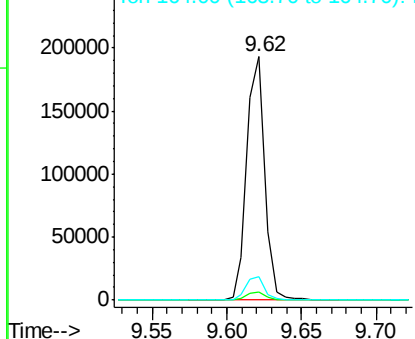


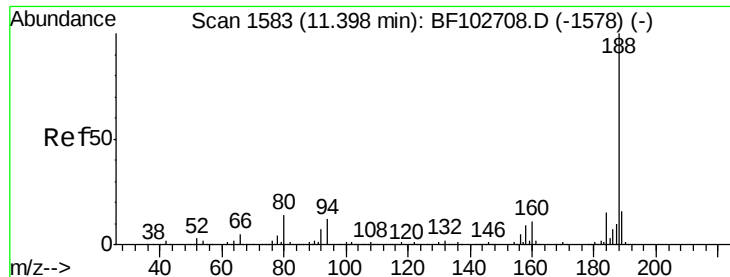
#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:163 Resp: 161975
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2



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: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

OK-02-021218

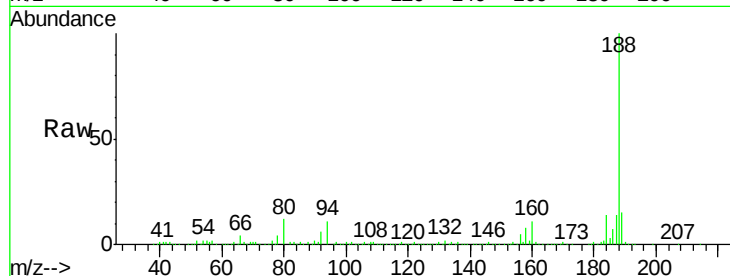
Tot Ion:188 Resp: 417220

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

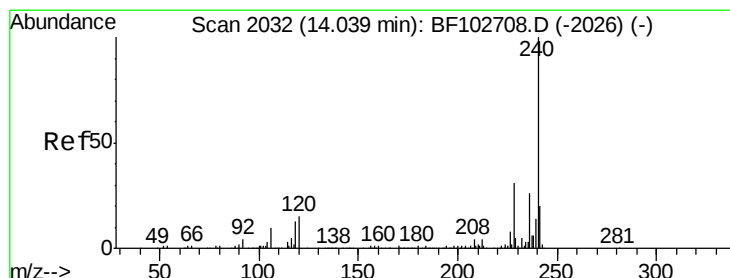
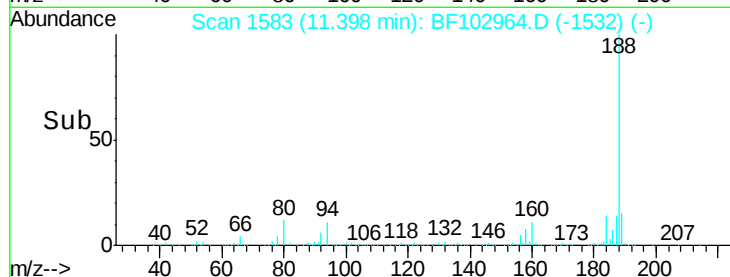
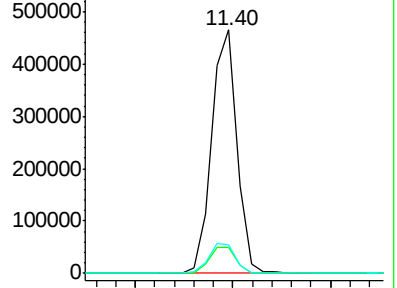
80 11.6 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

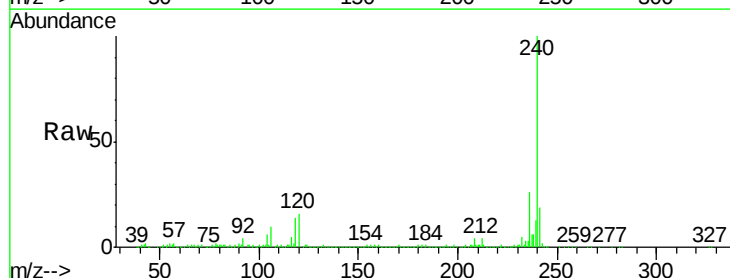
Tgt Ion:240 Resp: 295493

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

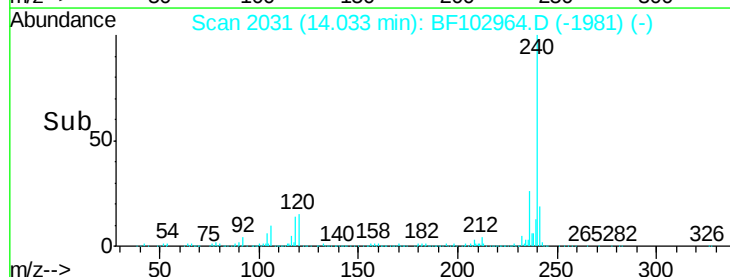
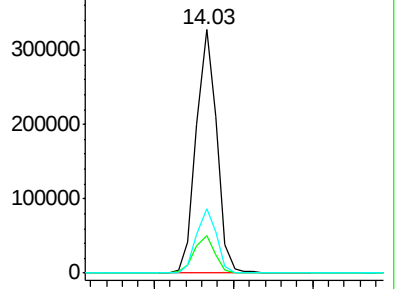
236 26.2 20.7 31.1

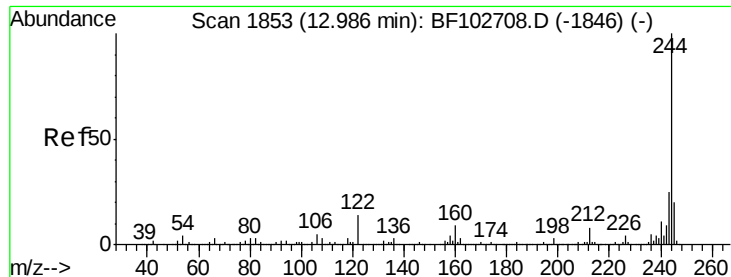


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.768 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

Instrument :

BNA_F

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OK-02-021218

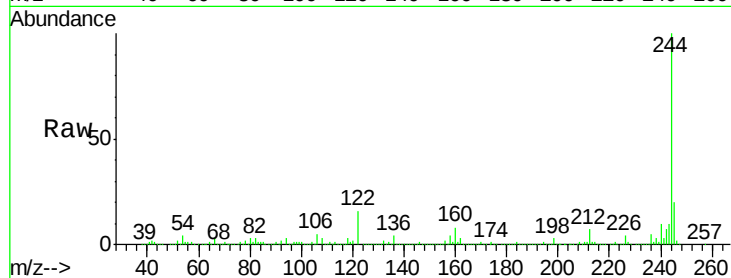
Tot Ion:244 Resp: 733409

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

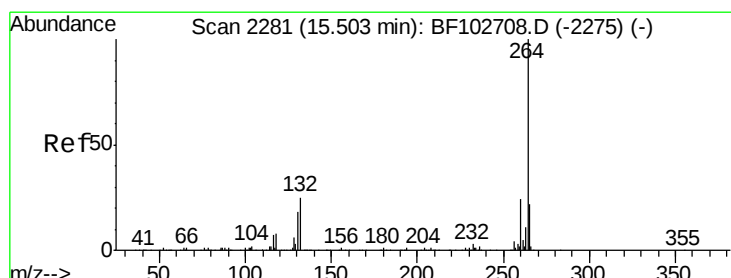
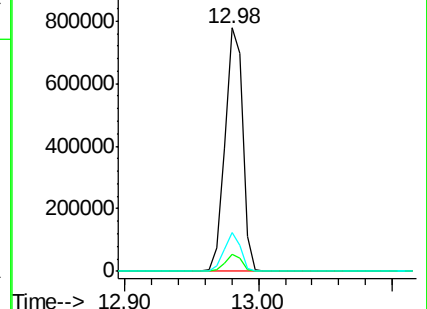
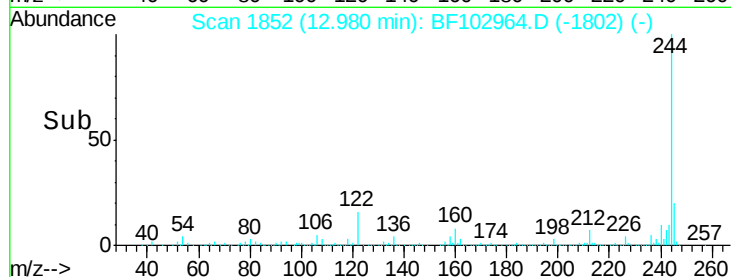
122 15.9 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102964.D

Acq: 13 Feb 2018 16:24

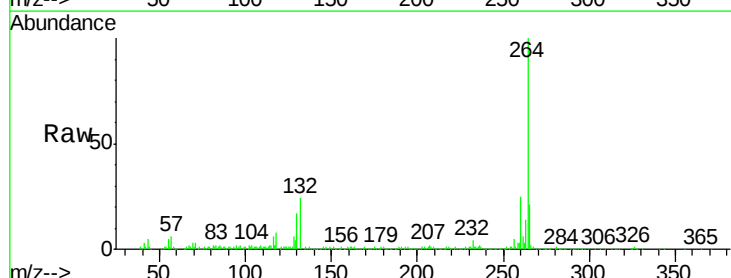
Tgt Ion:264 Resp: 282172

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.4 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

