

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111241.D
 Acq On : 10 Dec 2018 14:40
 Operator : JU/SJ
 Sample : 6243-06 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:12:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

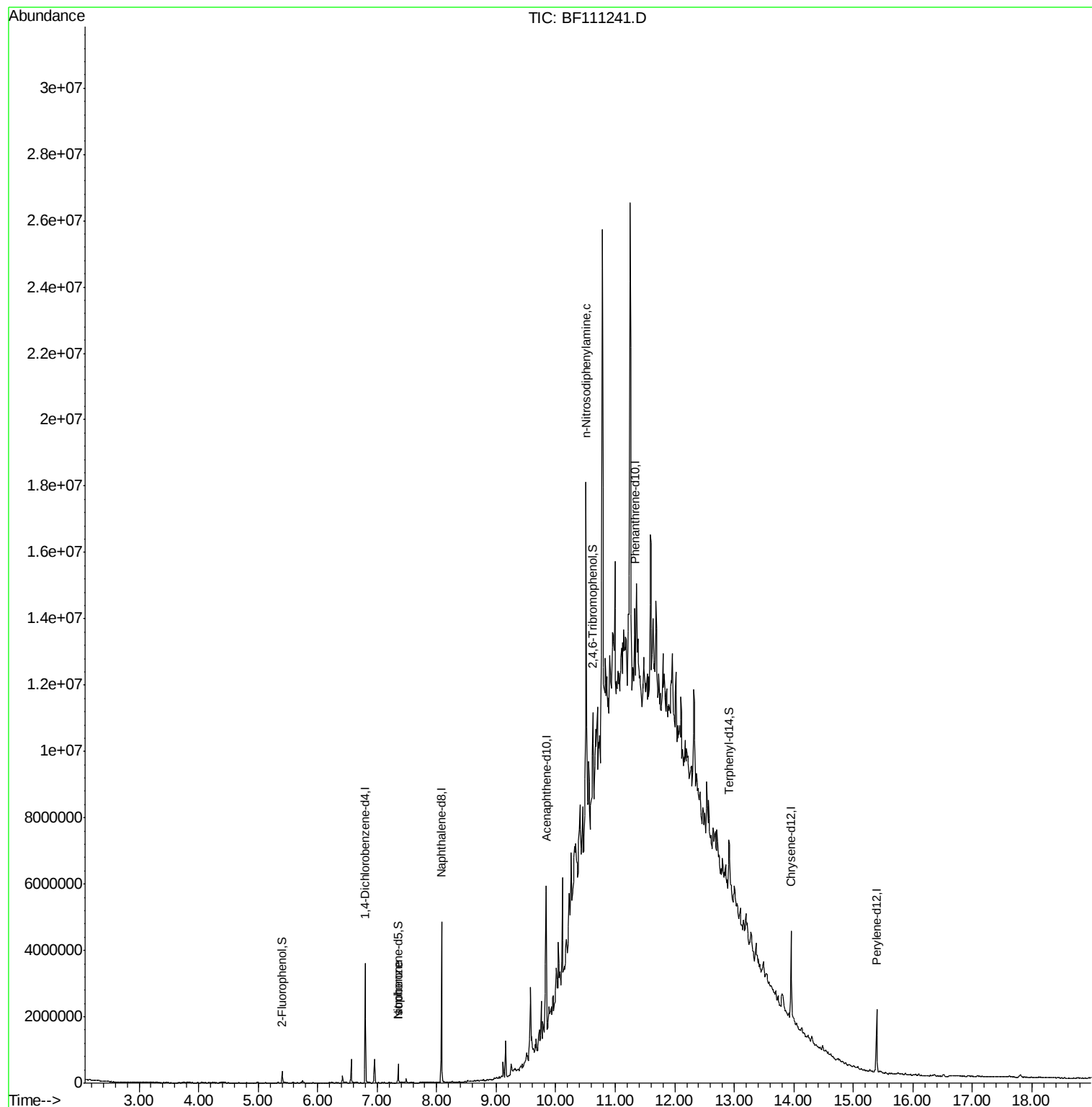
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	489490	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2018478	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	843561	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1146139	20.00	ng	0.00
76) Chrysene-d12	13.96	240	879469	20.00	ng	0.00
87) Perylene-d12	15.39	264	812062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	98179	3.17	ng	0.00
7) Phenol-d6	6.42	99	71517	1.86	ng	-0.02
23) Nitrobenzene-d5	7.35	82	153747	4.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	42149	5.64	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	320303	1.51	ng	0.00
79) Terphenyl-d14	12.91	244	214335	5.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	3589	Below Cal		99
25) Isophorone	7.35	82	148309	2.420 ng	#	64
46) 1,1'-Biphenyl	9.26	154	4321	Below Cal		88
66) n-Nitrosodiphenylamine	10.51	169	96065	2.462 ng	#	52

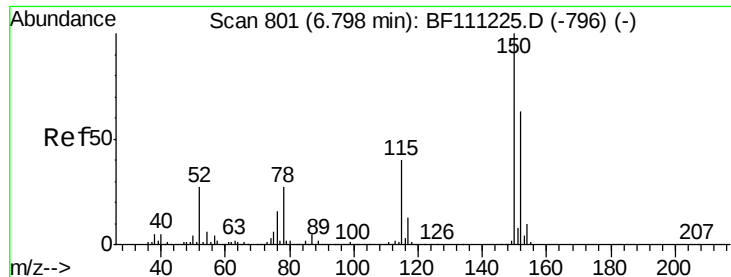
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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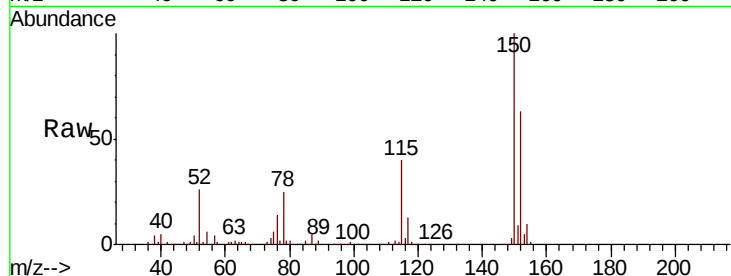


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111241.D
Acq: 10 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	63.1	50.7	76.1

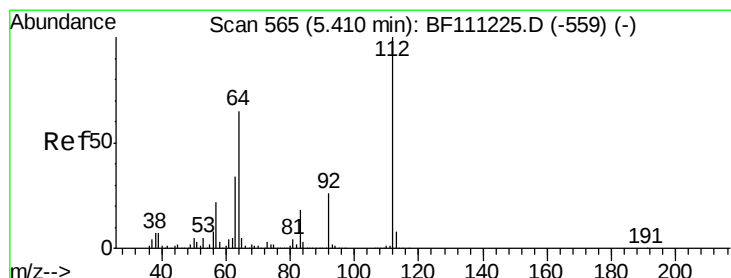
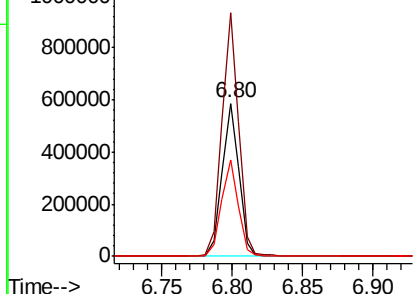
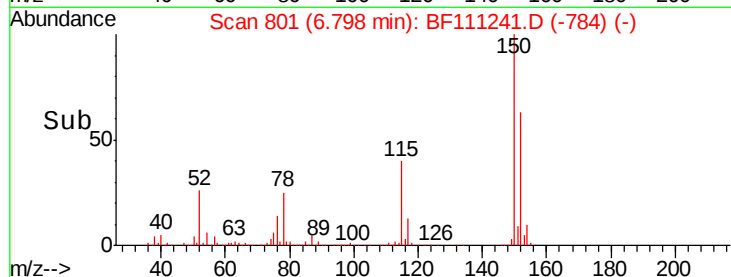


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

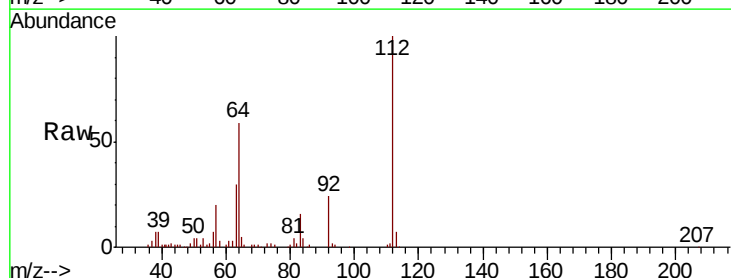
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.167 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111241.D
Acq: 10 Dec 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	51.8	77.6
63	30.1	26.8	40.2

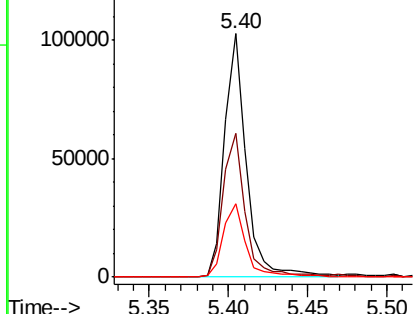
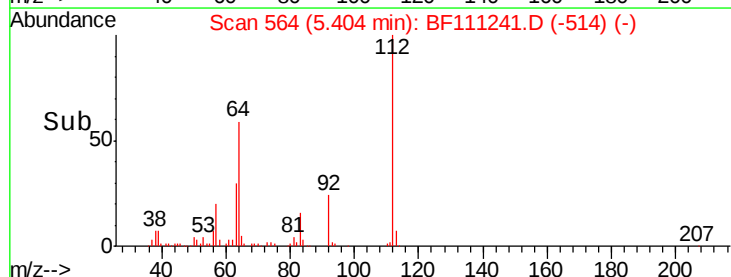


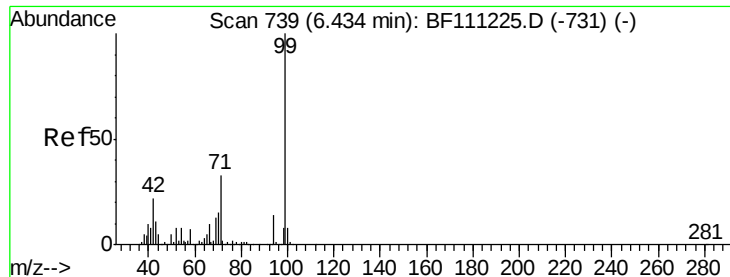
Abundance

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: 1.856 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

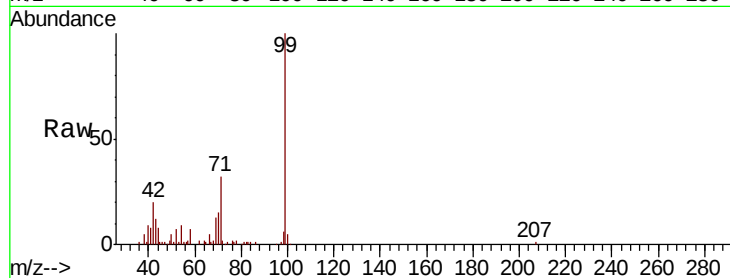
Tot Ion: 99 Resp: 71517

Ion Ratio Lower Upper

99 100

42 20.2 17.4 26.0

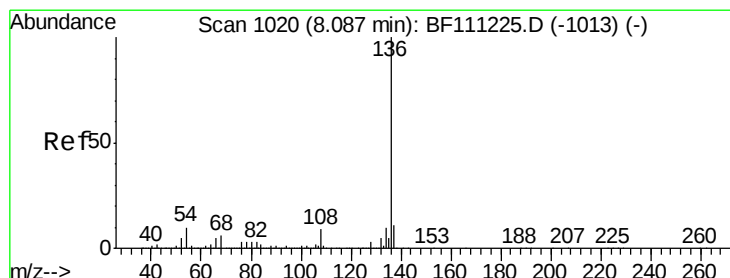
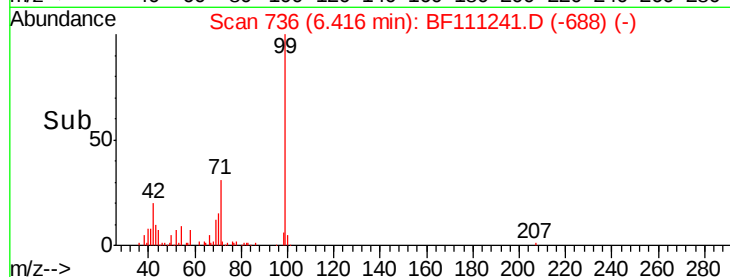
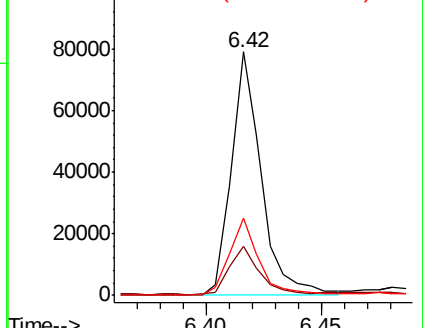
71 31.8 26.1 39.1



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

Tgt Ion: 136 Resp: 2018478

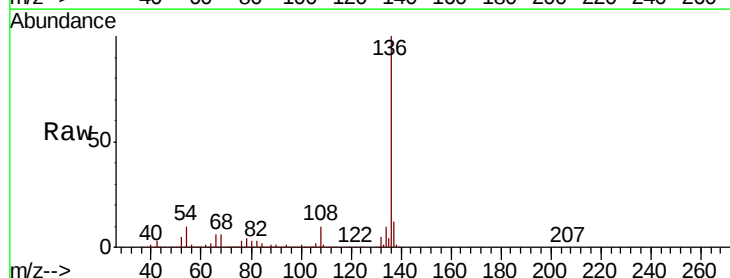
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.7 7.7 11.5

68 6.3 4.9 7.3

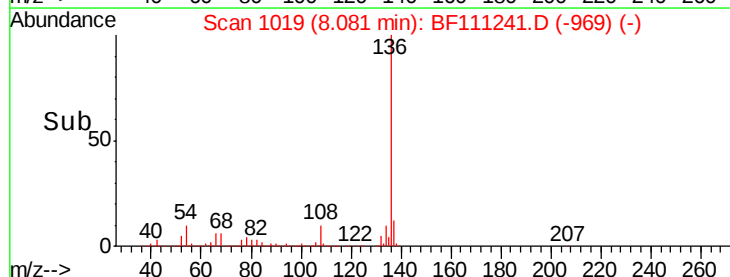
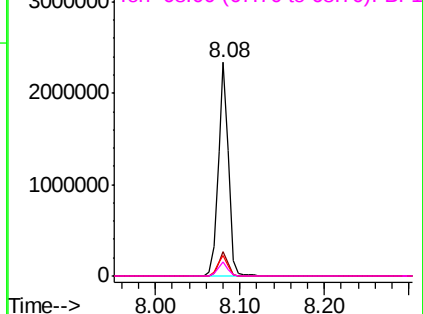


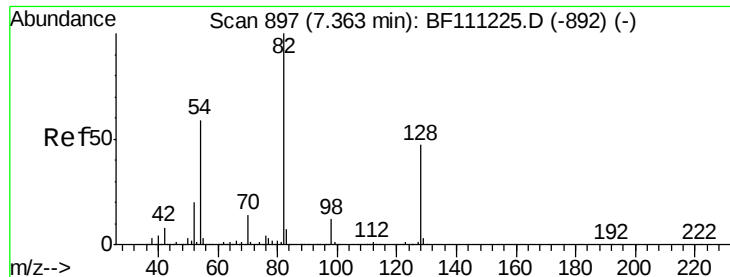
Abundance Ion 136.00 (135.70 to 136.70): E

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

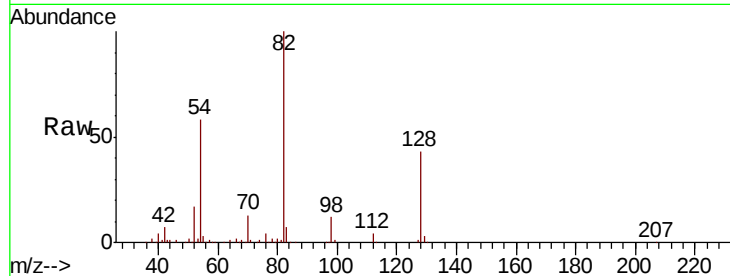




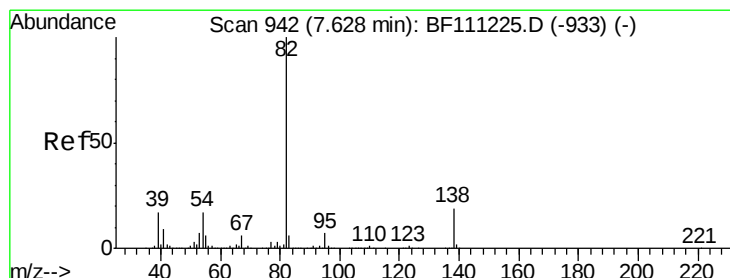
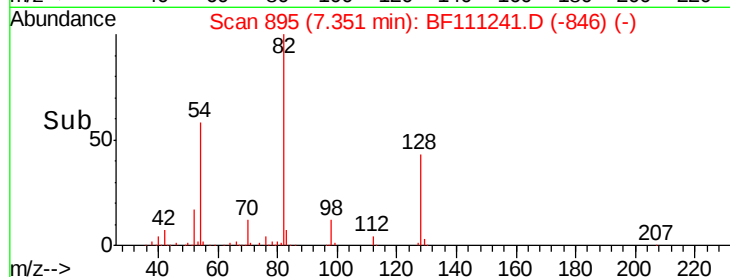
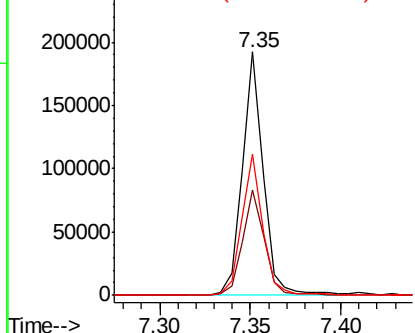
#23
 Nitrobenzene-d5
 Concen: 4.272 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111241.D
 Acq: 10 Dec 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	153747
Ion Ratio	Lower	Upper	
82	100		
128	43.3	37.4	56.2
54	58.2	47.6	71.4

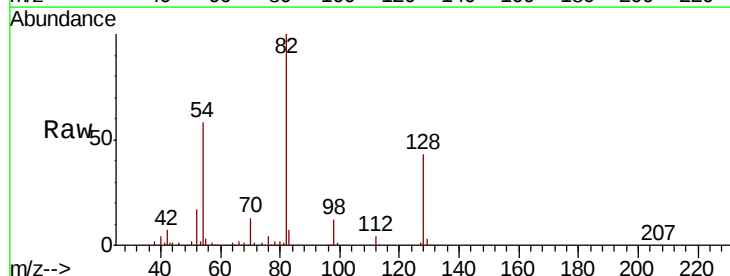


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

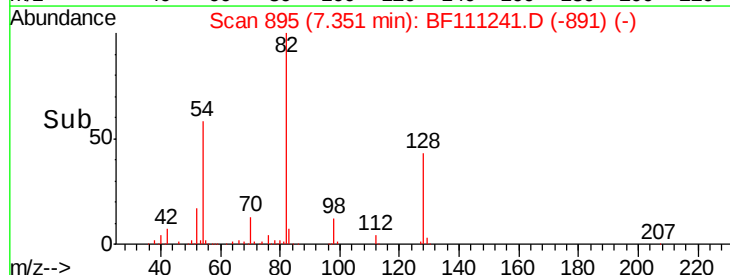
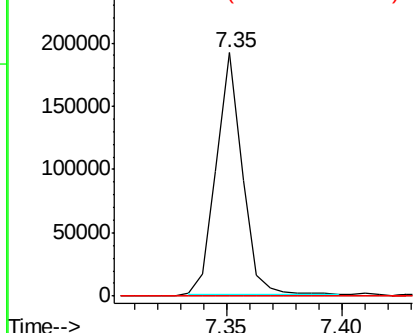


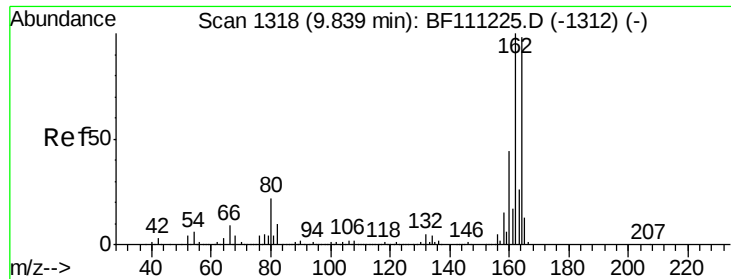
#25
 Isophorone
 Concen: 2.420 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.28 min
 Lab File: BF111241.D
 Acq: 10 Dec 2018 14:40

Tgt Ion	82	Resp	148309
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

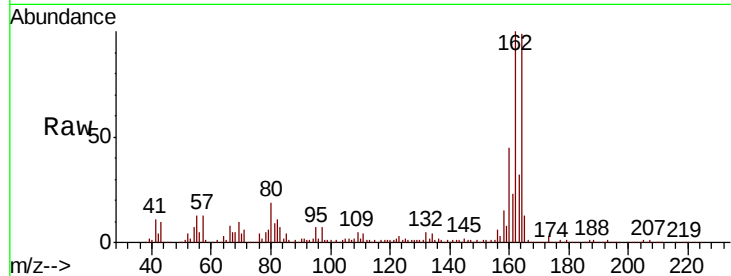
Tot Ion:164 Resp: 843561

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

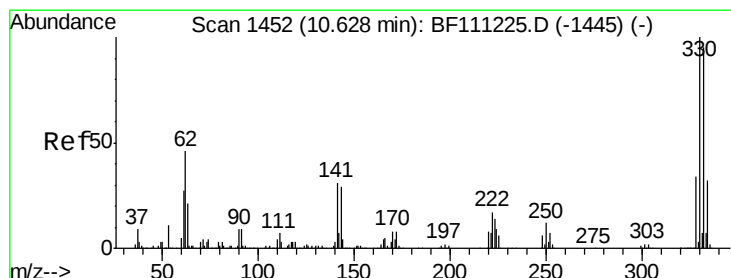
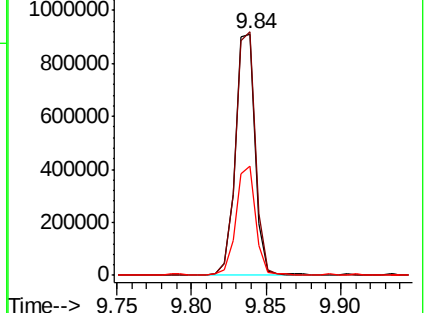
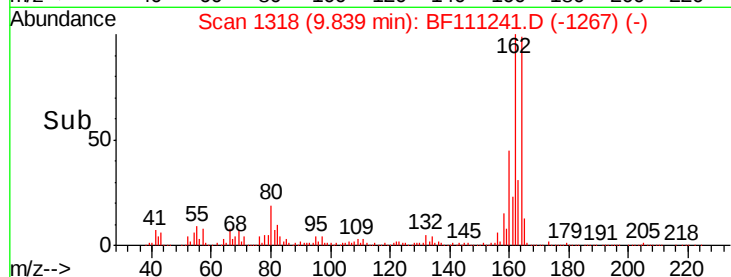
160 45.3 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 5.641 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

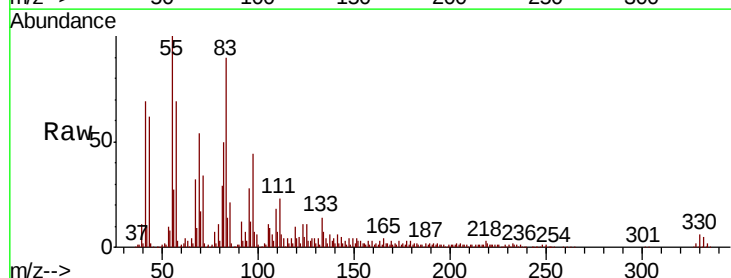
Tgt Ion:330 Resp: 42149

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

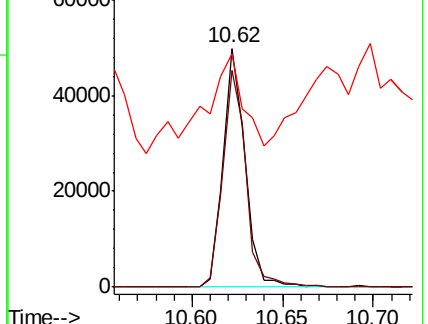
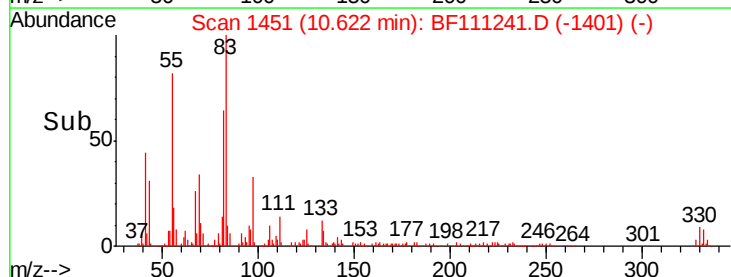
141 77.1 31.0 46.6#

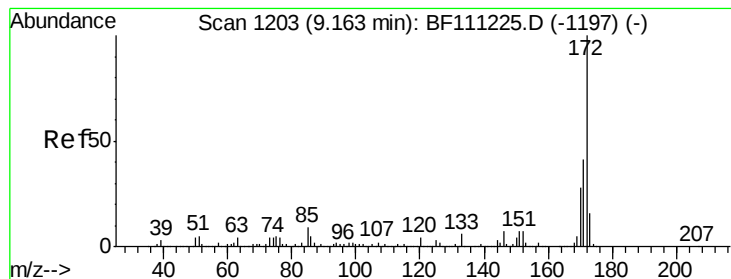


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 1.514 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

Instrument :

BNA_F

ClientSampled :

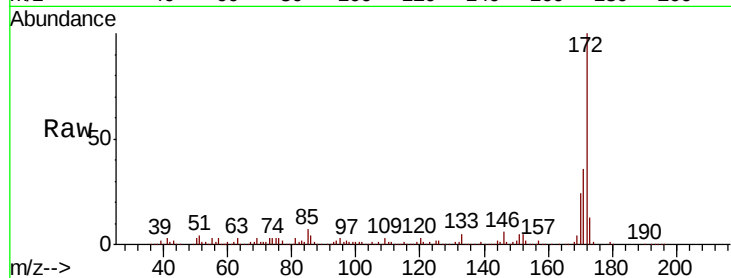
Tot Ion:172 Resp: 320303

Ion Ratio Lower Upper

172 100

171 35.6 33.0 49.4

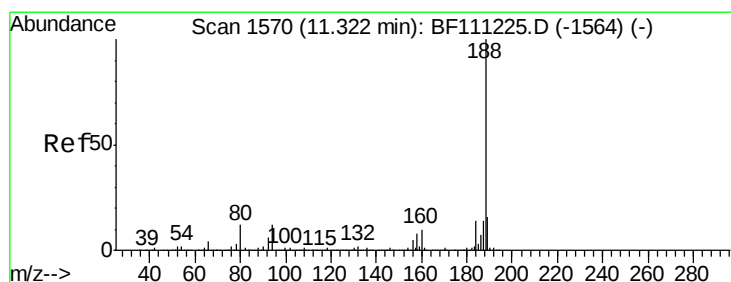
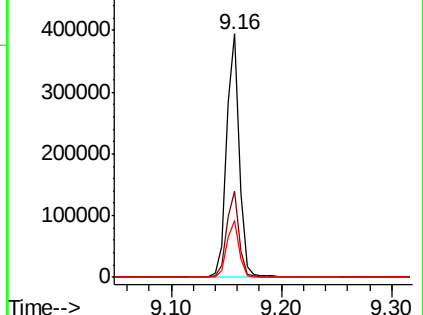
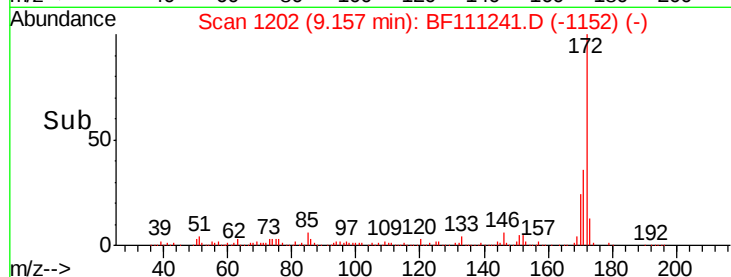
170 23.5 22.3 33.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

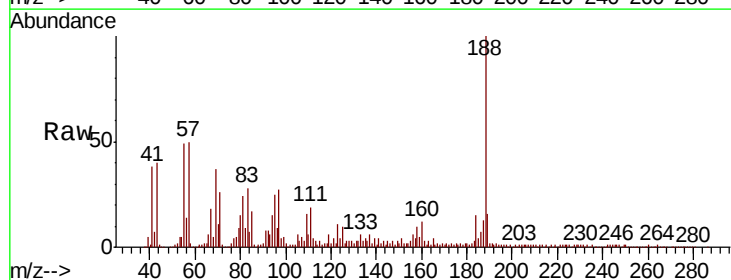
Tgt Ion:188 Resp: 1146139

Ion Ratio Lower Upper

188 100

94 14.6 9.6 14.4#

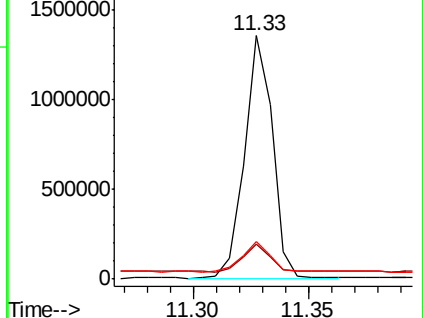
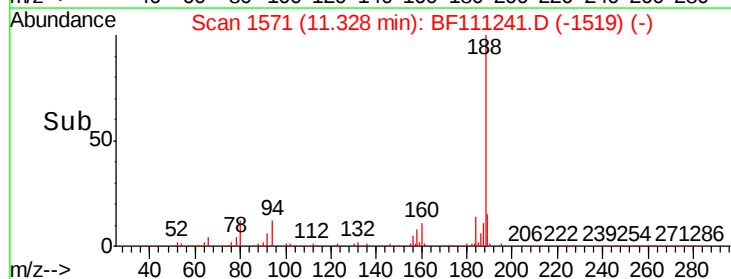
80 15.4 9.8 14.6#

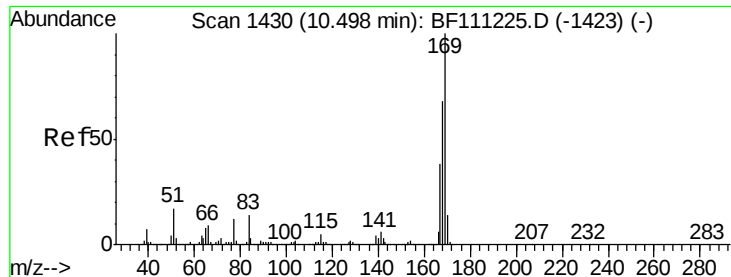


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

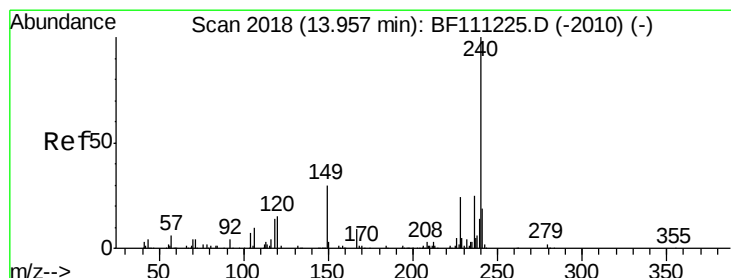
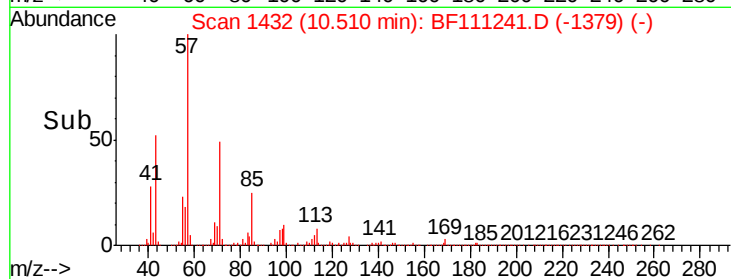
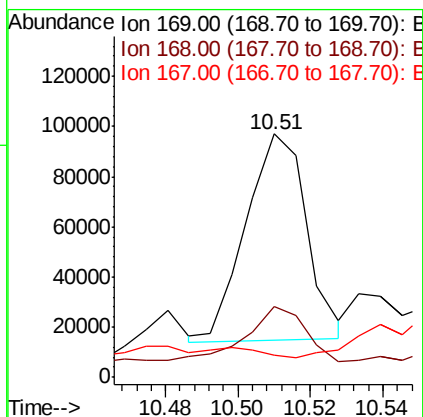
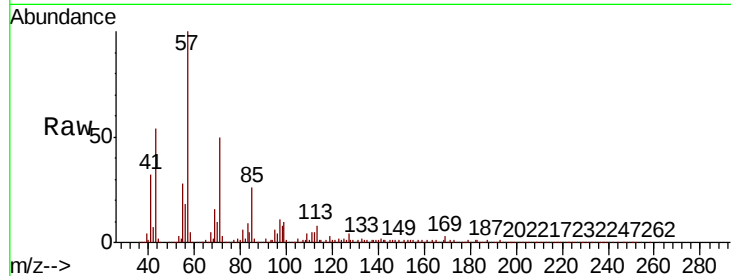




#66
n-Nitrosodiphenylamine
Concen: 2.462 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF111241.D
Acq: 10 Dec 2018 14:40

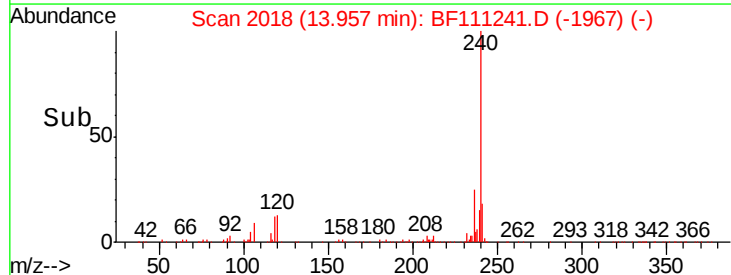
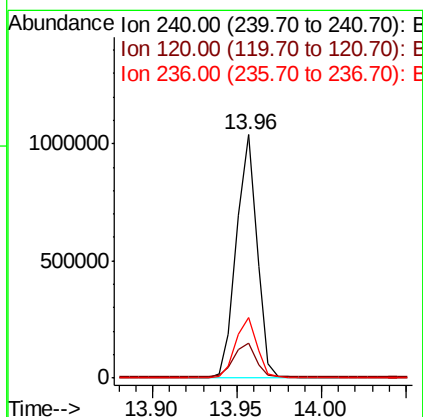
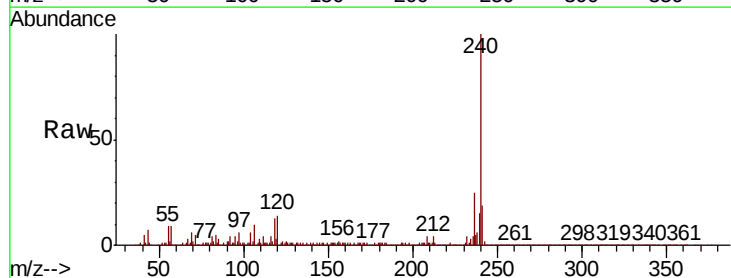
Instrument :
BNA_F
ClientSampleId :

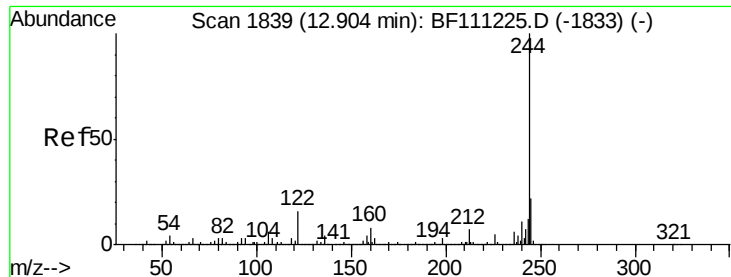
Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	29.0	54.4	81.6	
167	8.9	30.5	45.7	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111241.D
Acq: 10 Dec 2018 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	14.4	12.2	18.2	
236	25.0	20.2	30.2	





#79

Terphenyl-d14

Concen: 5.846 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

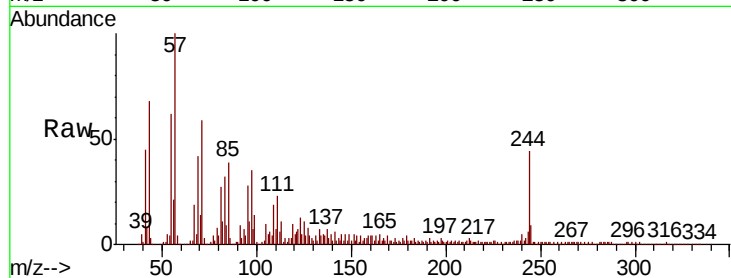
Tot Ion:244 Resp: 214335

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

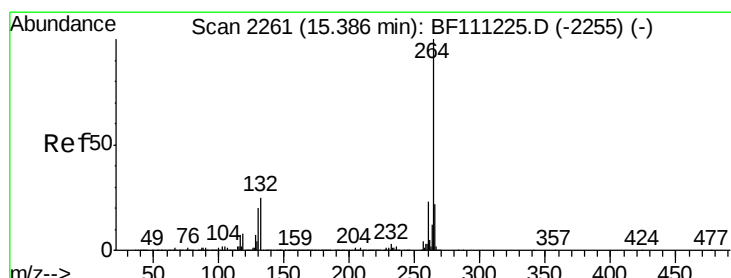
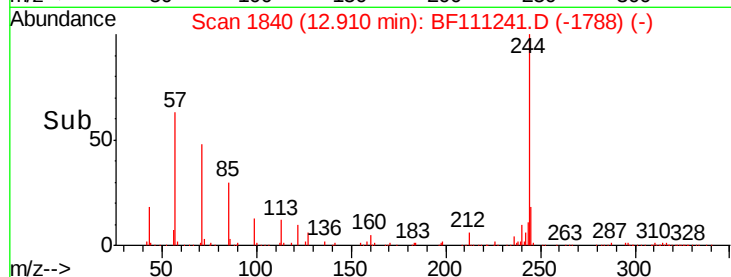
122 16.6 13.1 19.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111241.D

Acq: 10 Dec 2018 14:40

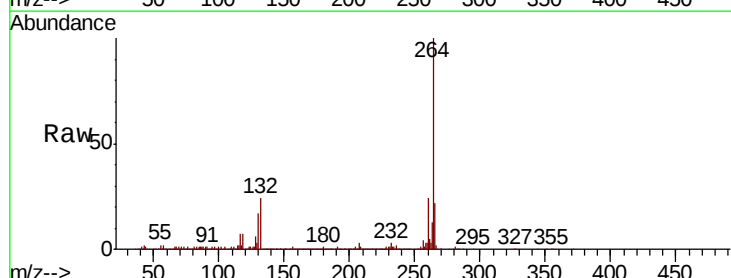
Tgt Ion:264 Resp: 812062

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.8 17.7 26.5



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

