

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096435.D
 Acq On : 3 Jul 2017 12:28
 Operator : SJ/MA
 Sample : I3908-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 16:14:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

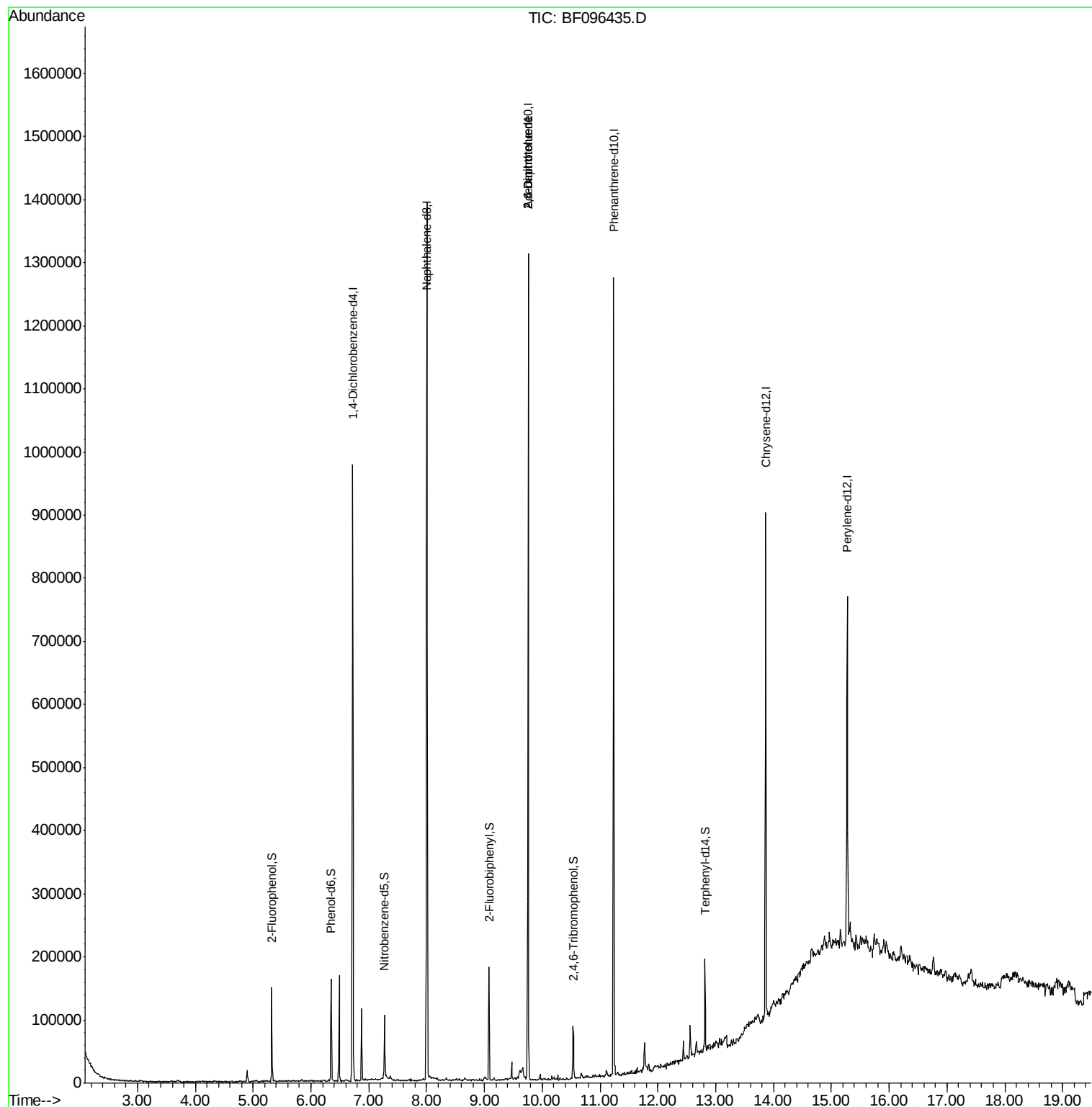
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138393	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	580989	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	250948	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	421949	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	252699	20.00	ng	-0.02
86) Perylene-d12	15.27	264	233379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	37701	4.02	ng	-0.02
7) Phenol-d6	6.35	99	49722	4.31	ng	-0.03
23) Nitrobenzene-d5	7.27	82	26327	2.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	8227	4.20	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	55754	3.80	ng	-0.02
78) Terphenyl-d14	12.82	244	34006	2.88	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	32278	7.79	ng	# 33
56) 2,4-Dinitrotoluene	9.76	165	32278	6.15	ng	# 33

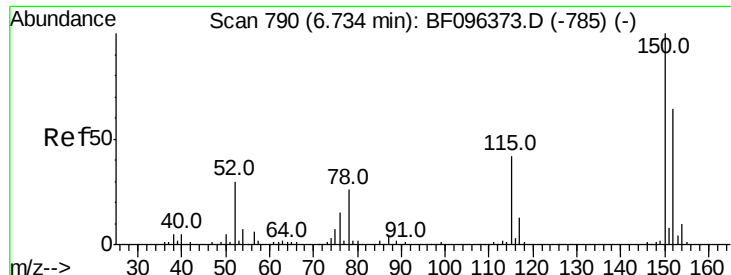
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF096435.D

Acq: 3 Jul 2017 12:28

Instrument :

BNA_F

ClientSampleId :

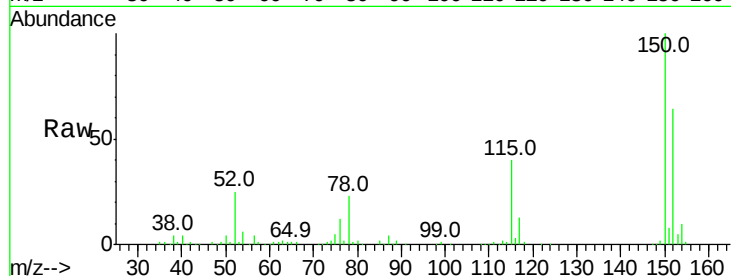
Tot Ion:152 Resp: 138393

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

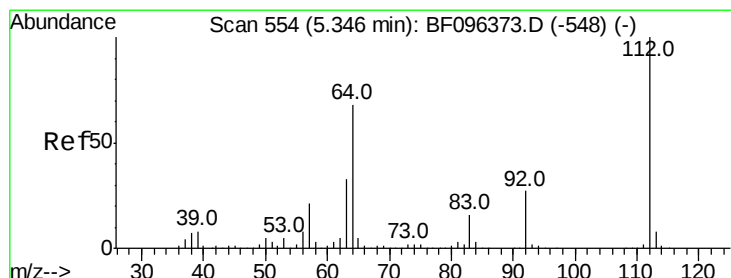
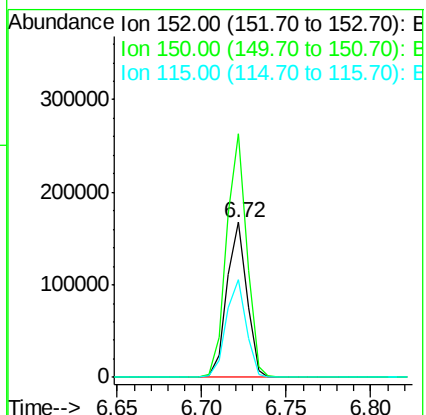
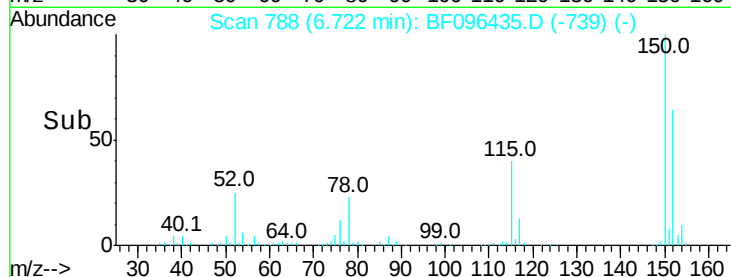
115 62.9 52.2 78.2



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: 4.02 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF096435.D

Acq: 3 Jul 2017 12:28

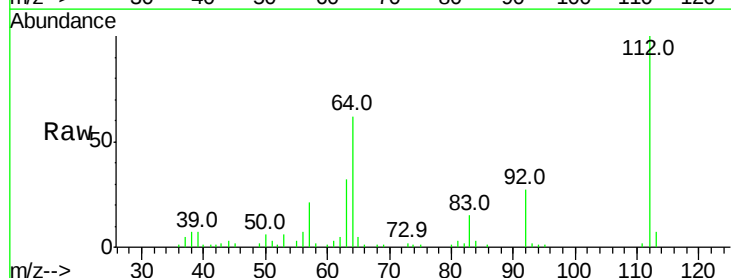
Tgt Ion:112 Resp: 37701

Ion Ratio Lower Upper

112 100

64 61.9 46.0 69.0

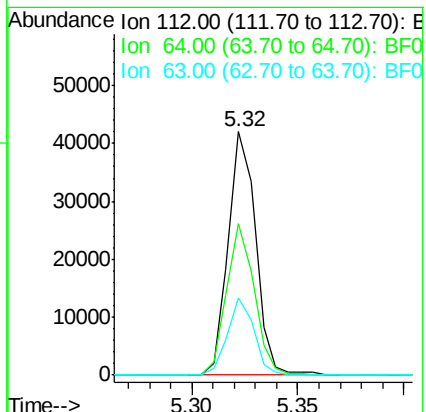
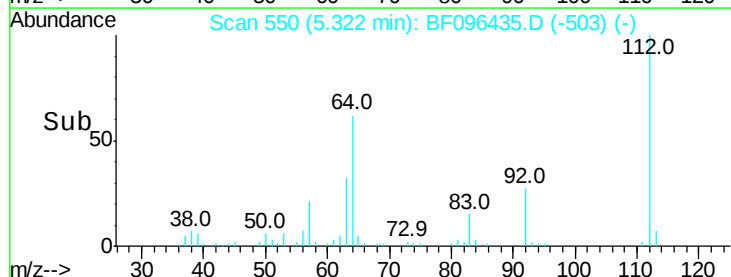
63 31.8 23.4 35.0

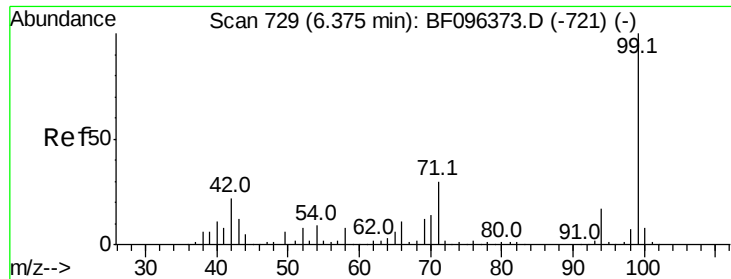


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.31 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF096435.D

Acq: 3 Jul 2017 12:28

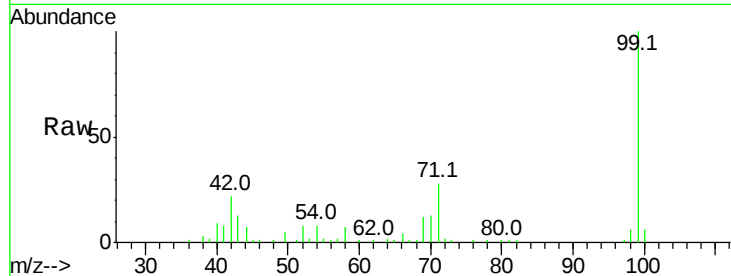
Instrument :

BNA_F

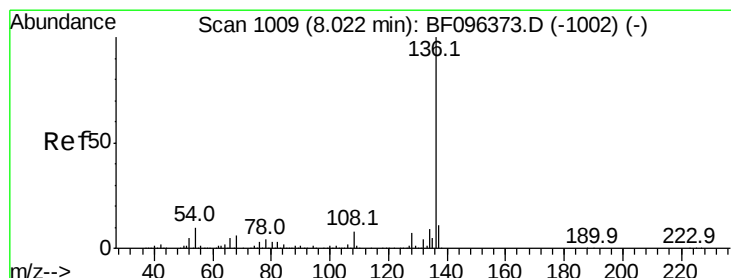
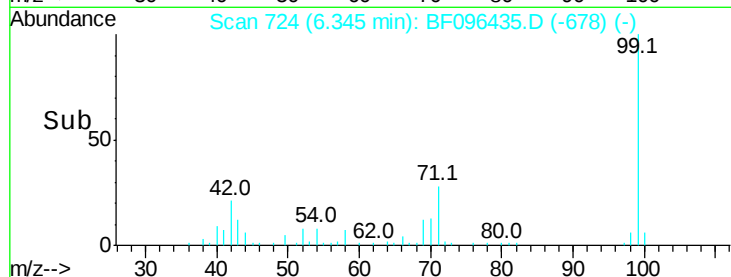
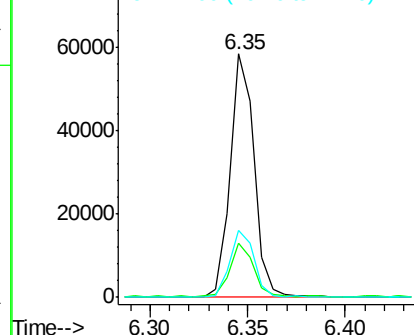
ClientSampleId :

Tot Ion: 99 Resp: 49722

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	27.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1006

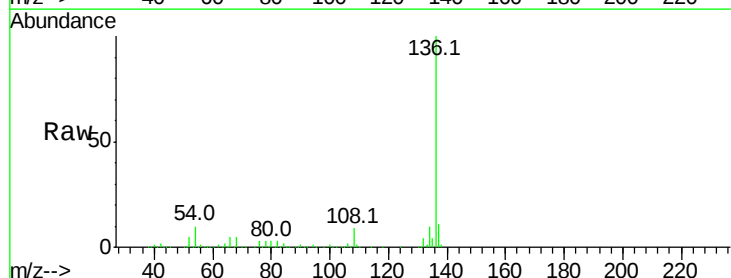
Delta R.T. -0.02 min

Lab File: BF096435.D

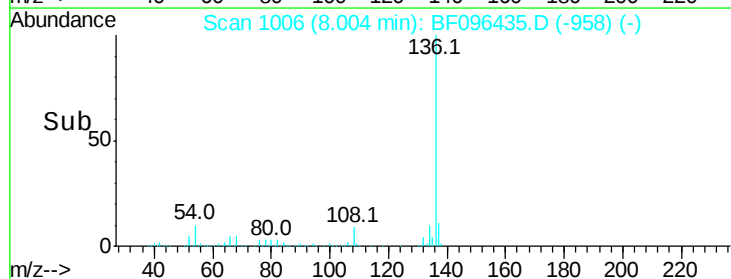
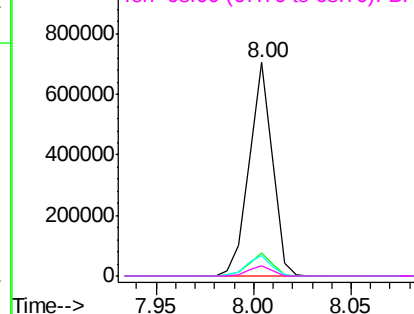
Acq: 3 Jul 2017 12:28

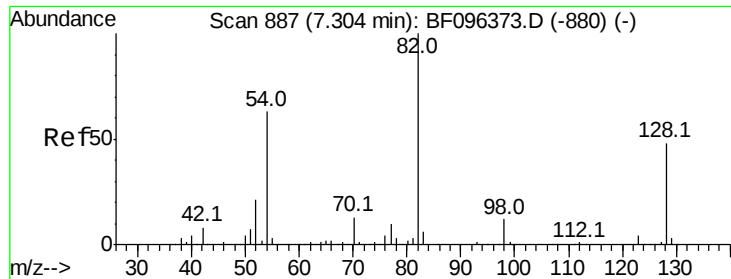
Tgt Ion: 136 Resp: 580989

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.7	4.9	7.3#
68	5.0	4.1	6.1



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

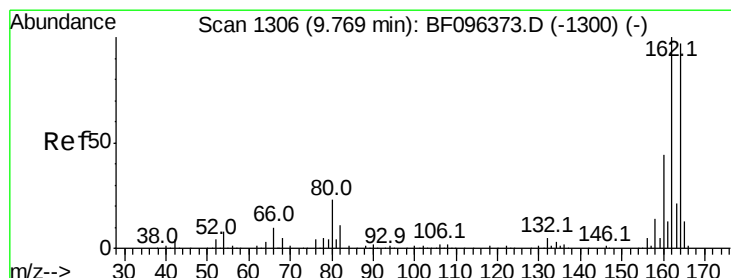
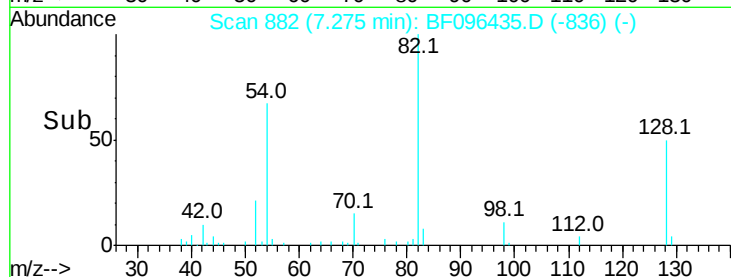
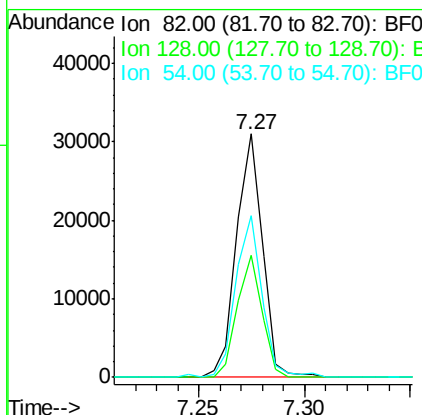
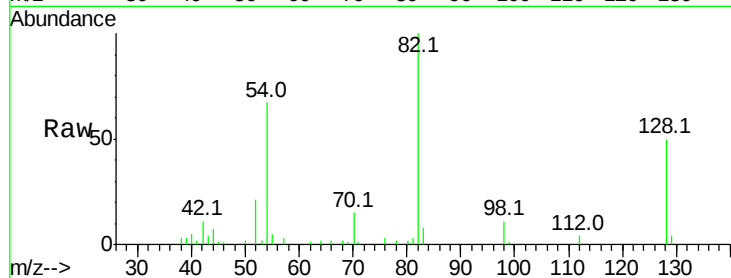




#23
 Nitrobenzene-d5
 Concen: 2.72 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

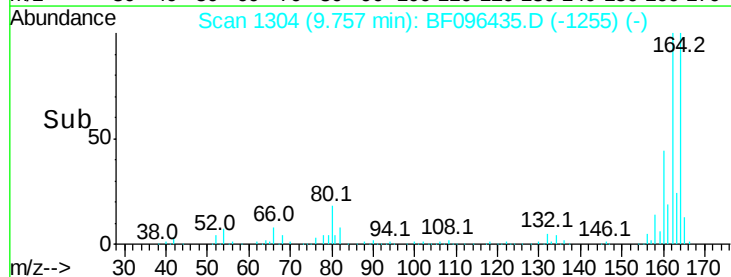
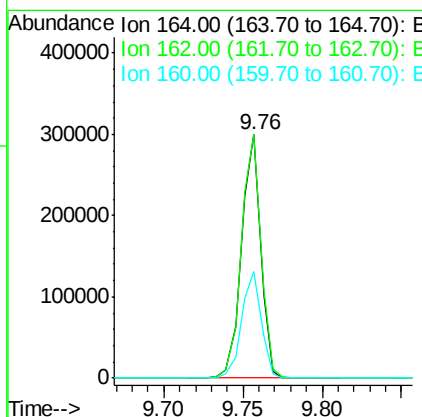
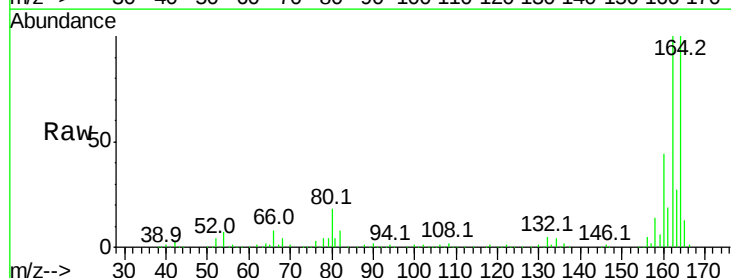
Instrument :
 BNA_F
 ClientSampleId :

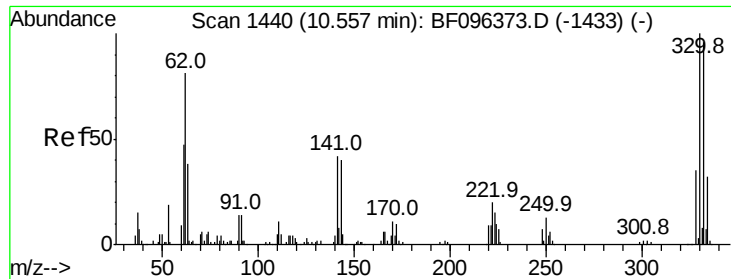
Tot Ion: 82 Resp: 26327
 Ion Ratio Lower Upper
 82 100
 128 50.3 34.0 51.0
 54 66.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

Tgt Ion:164 Resp: 250948
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 43.7 36.2 54.2

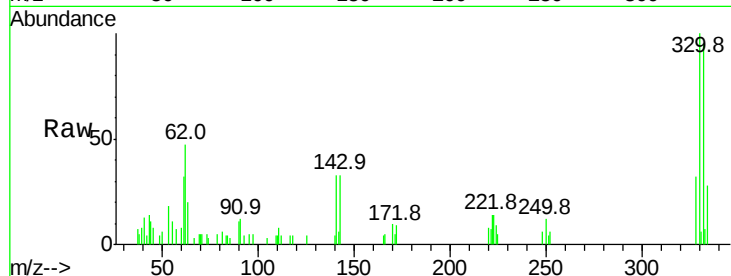




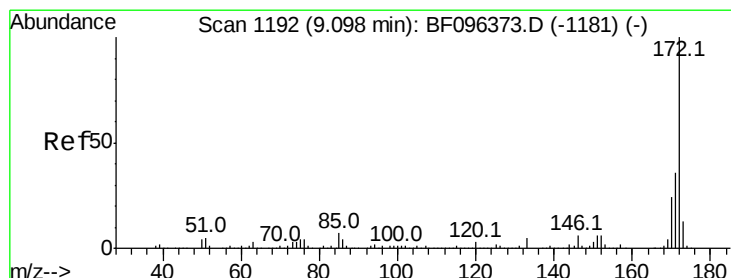
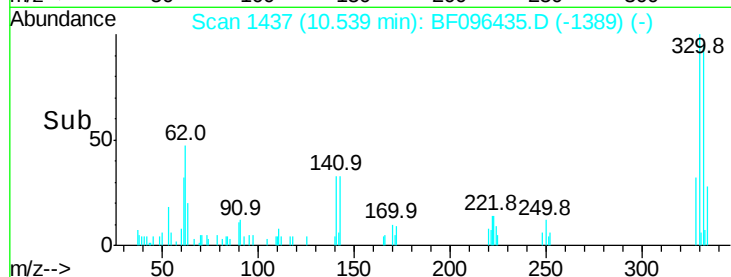
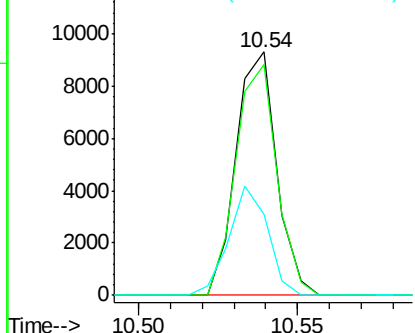
#41
 2,4,6-Tribromophenol
 Concen: 4.20 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 8227
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 42.6 31.4 47.2

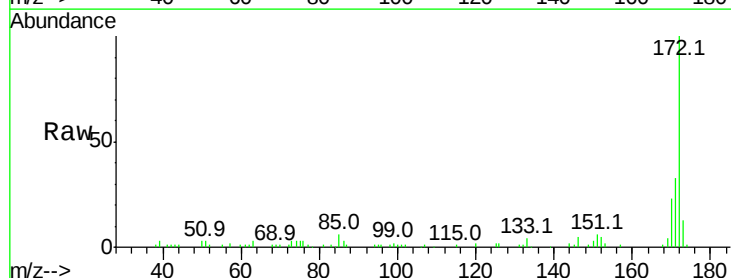


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

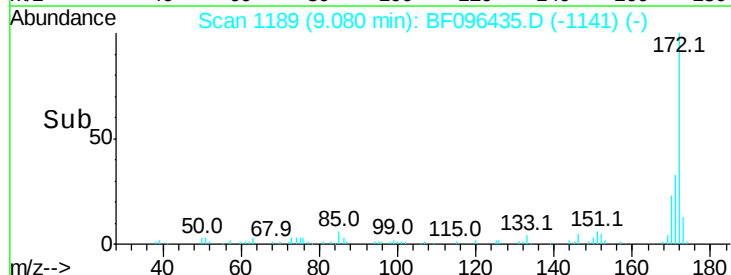
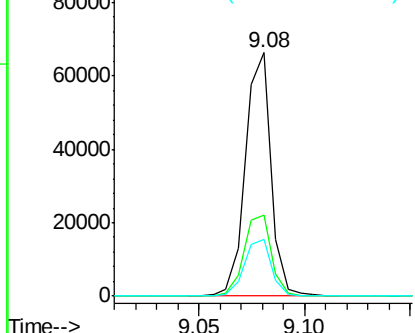


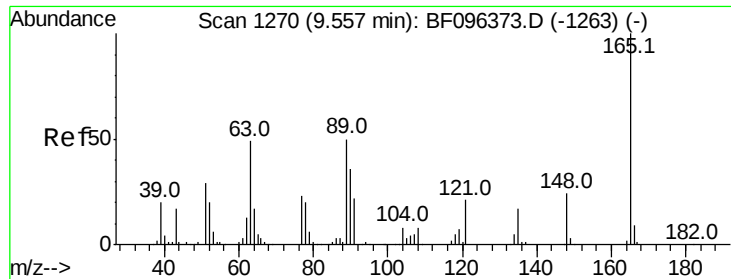
#44
 2-Fluorobiphenyl
 Concen: 3.80 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

Tgt Ion:172 Resp: 55754
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.6 44.4
 170 23.4 19.8 29.8



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

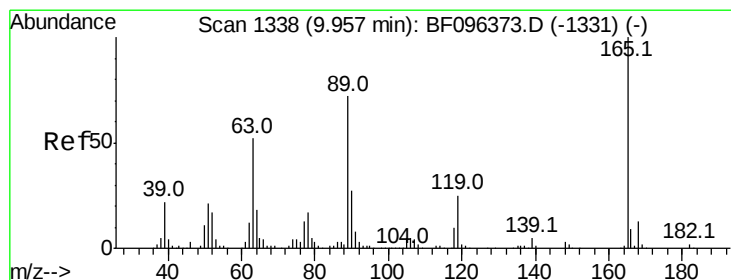
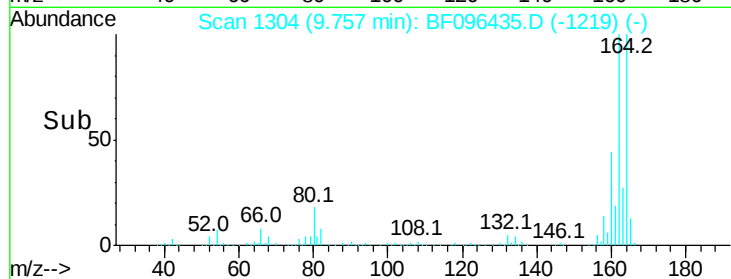
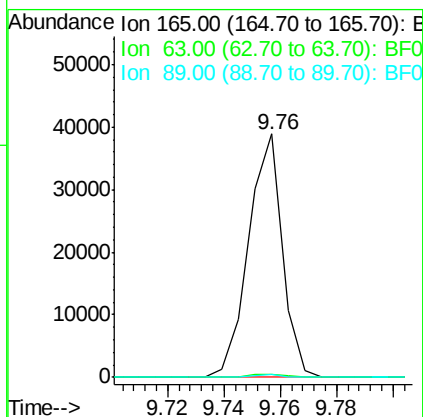
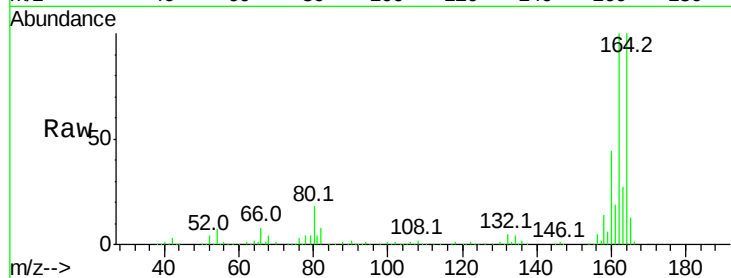




#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

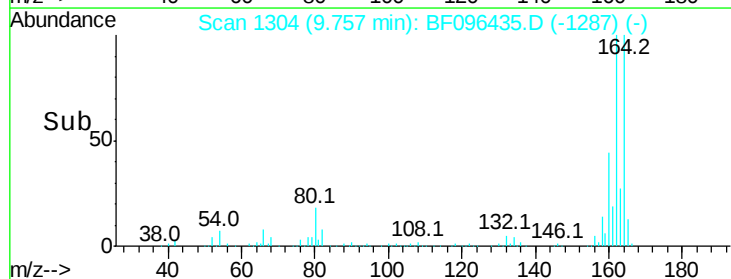
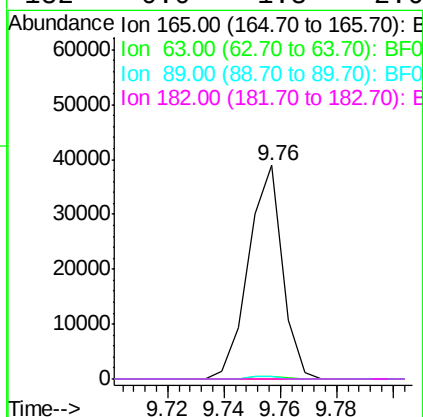
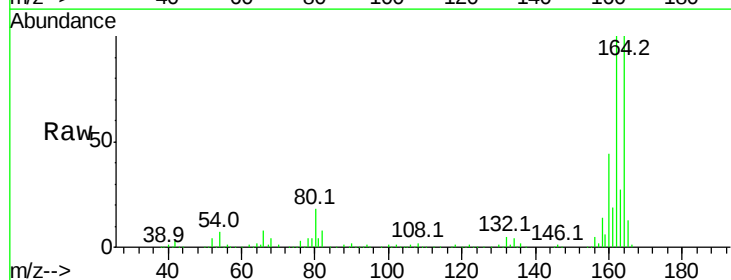
Instrument :
 BNA_F
 ClientSampleId :

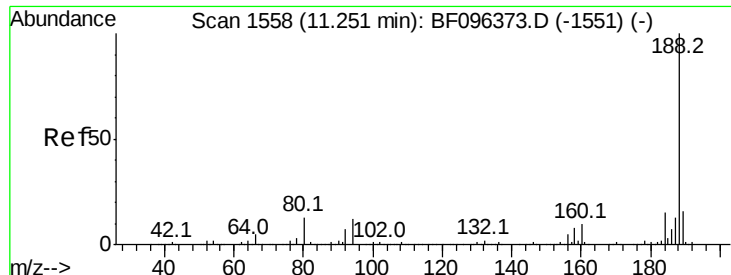
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096435.D
 Acq: 3 Jul 2017 12:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

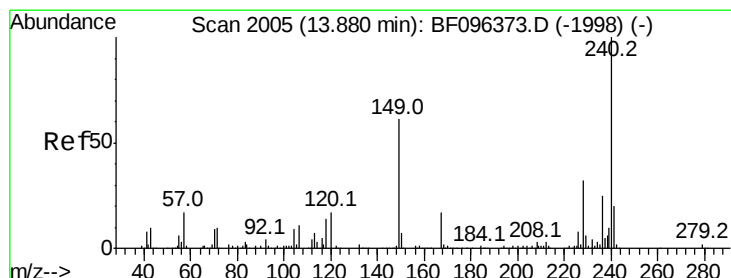
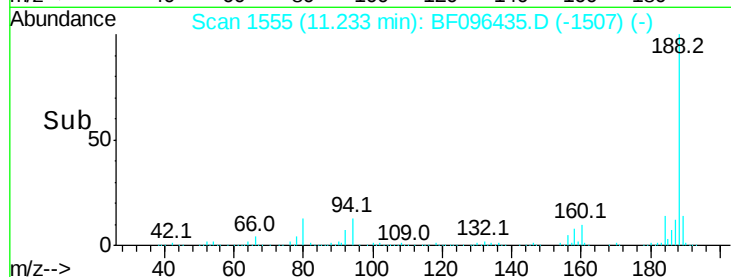
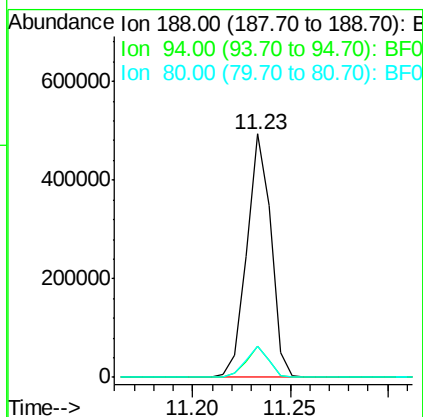
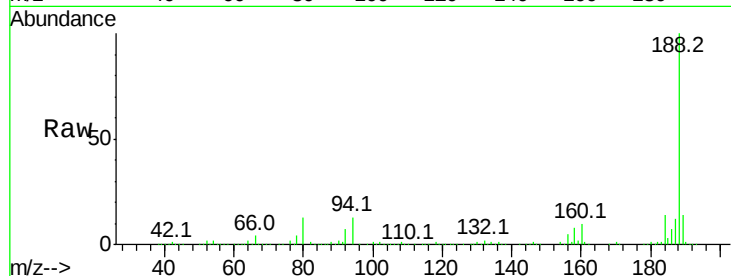




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096435.D
Acq: 3 Jul 2017 12:28

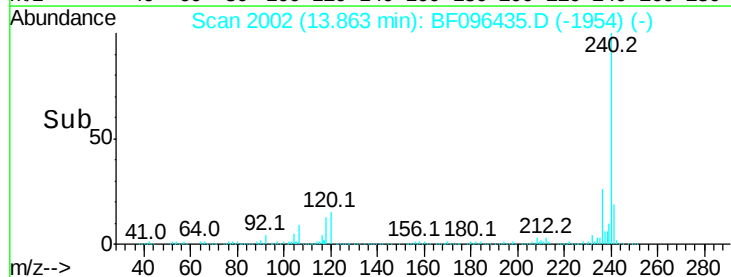
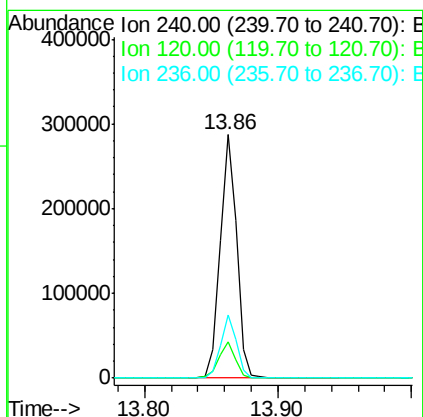
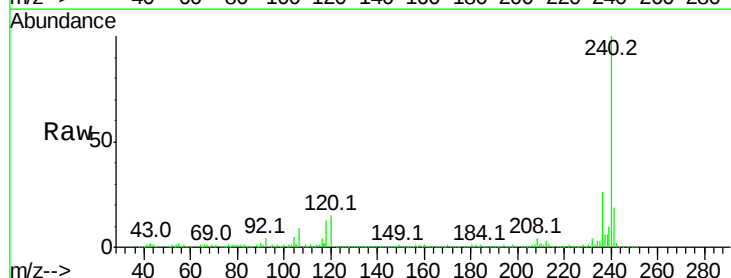
Instrument :
BNA_F
ClientSampleId :

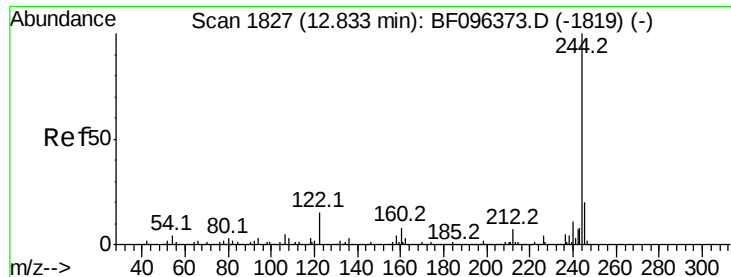
Tot Ion:188 Resp: 421949
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF096435.D
Acq: 3 Jul 2017 12:28

Tgt Ion:240 Resp: 252699
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 2.88 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096435.D

Acq: 3 Jul 2017 12:28

Instrument :

BNA_F

ClientSampleId :

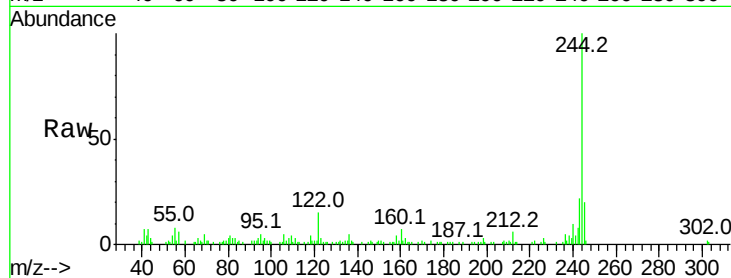
Tot Ion:244 Resp: 34006

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

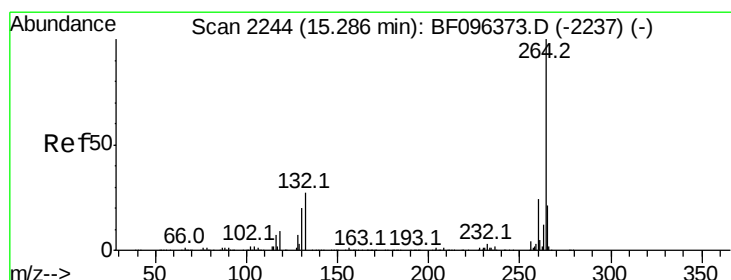
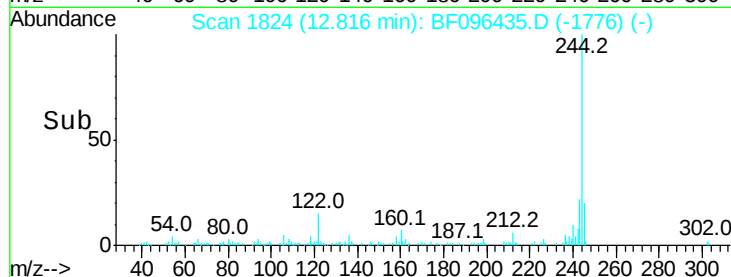
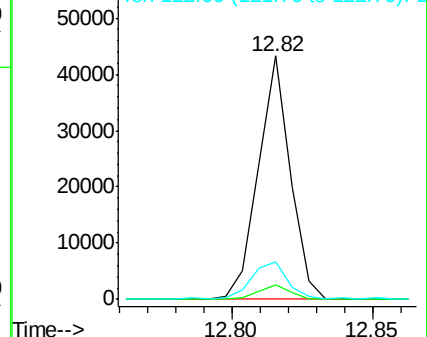
122 15.3 10.3 15.5



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: 20.00 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF096435.D

Acq: 3 Jul 2017 12:28

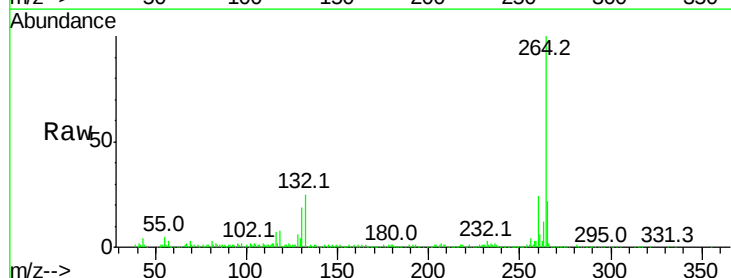
Tgt Ion:264 Resp: 233379

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 17.2 25.8



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

