

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097639.D
 Acq On : 12 Aug 2017 17:36
 Operator : SJ/JU
 Sample : I4700-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

Quant Time: Aug 14 05:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

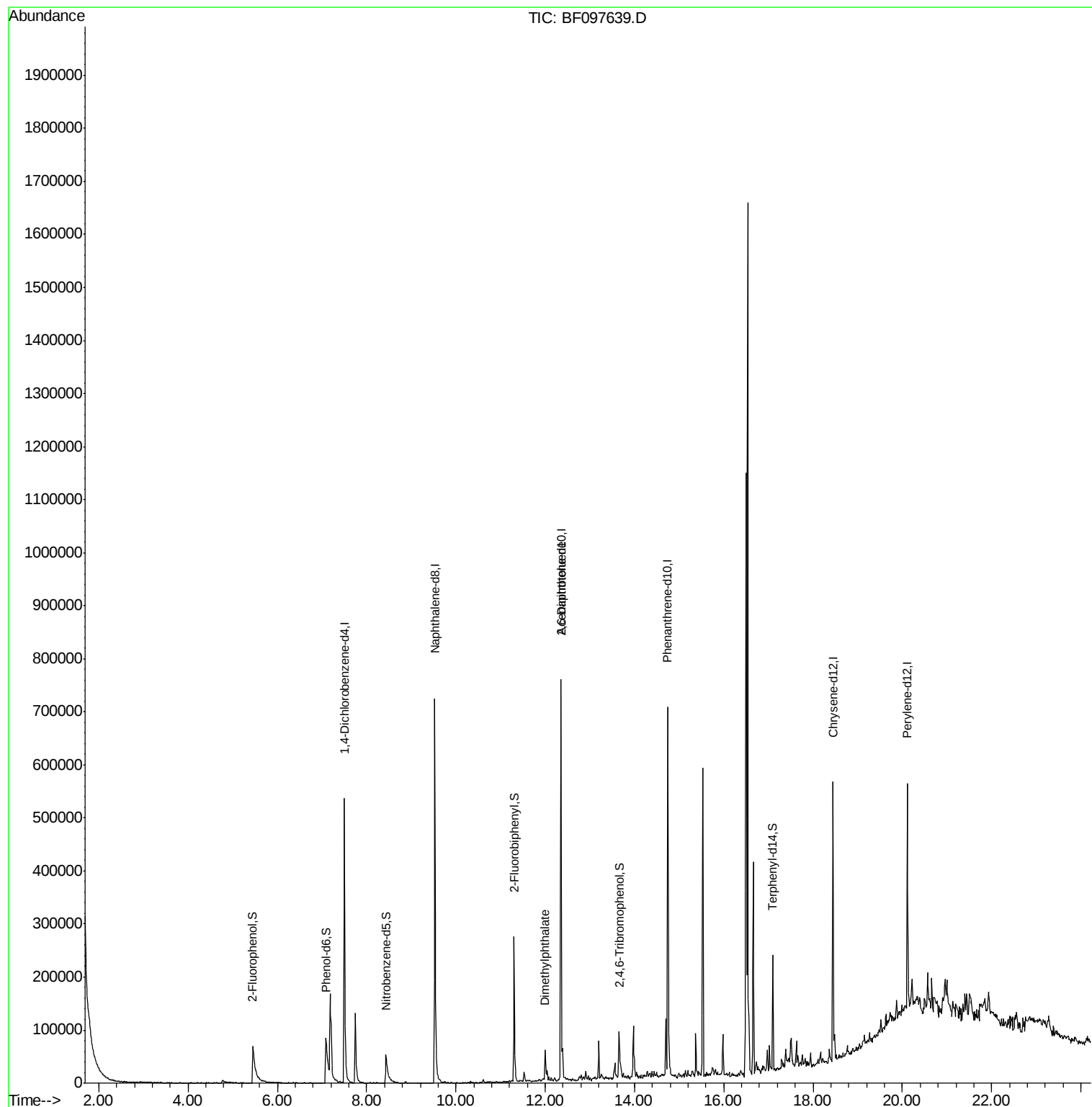
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	129045	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	515698	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	209270	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	351100	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	215248	20.00	ng	-0.02
86) Perylene-d12	20.11	264	187141	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	81639	10.06	ng	0.05
7) Phenol-d6	7.09	99	111515	11.07	ng	0.03
23) Nitrobenzene-d5	8.43	82	61620	7.49	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	17785	11.18	ng	0.00
44) 2-Fluorobiphenyl	11.30	172	123621	8.92	ng	-0.02
78) Terphenyl-d14	17.10	244	74682	7.18	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.00	163	38843	2.41	ng	# 98
50) 2,6-Dinitrotoluene	12.35	165	25425	7.63	ng	# 31

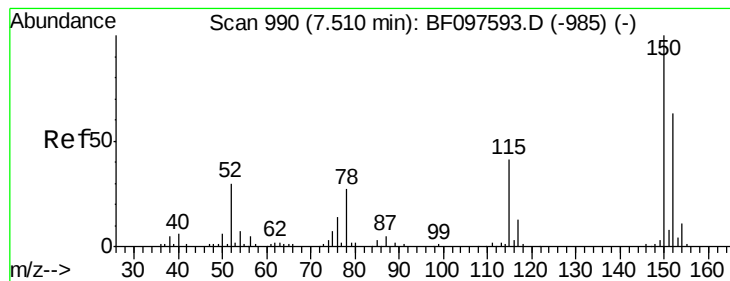
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 988

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

NB-01-080917-A

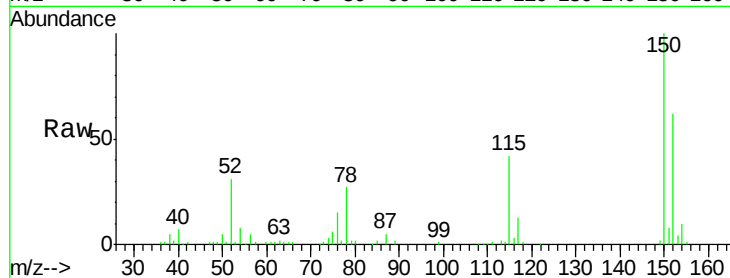
Tot Ion:152 Resp: 129045

Ion Ratio Lower Upper

152 100

150 160.2 126.2 189.2

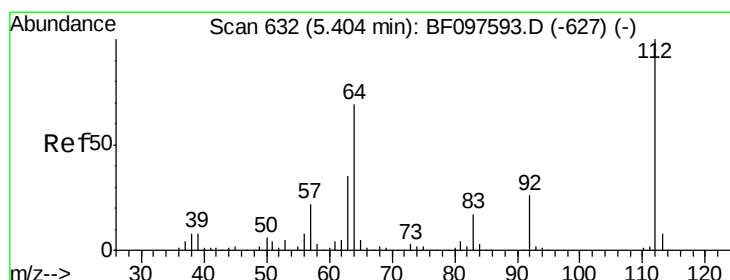
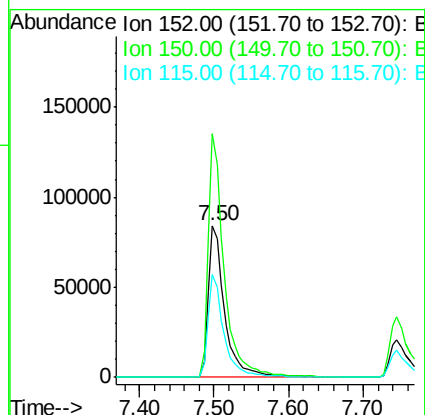
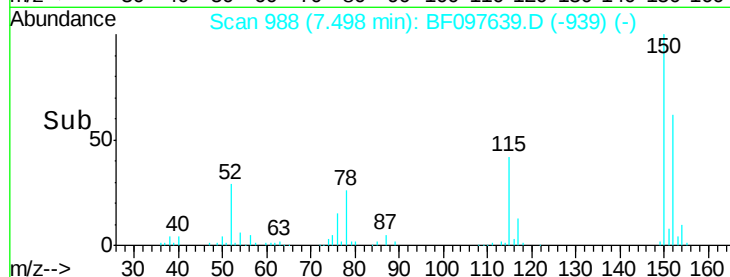
115 67.7 52.2 78.2



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: 10.06 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.05 min

Lab File: BF097639.D

Acq: 12 Aug 2017 17:36

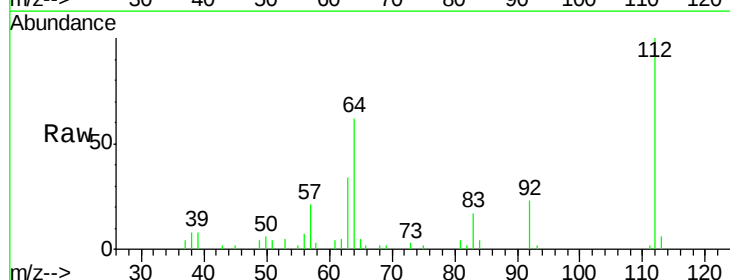
Tgt Ion:112 Resp: 81639

Ion Ratio Lower Upper

112 100

64 61.8 46.0 69.0

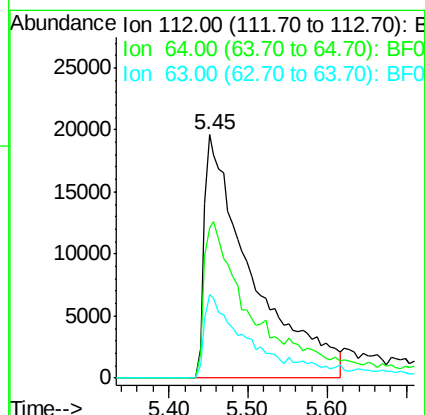
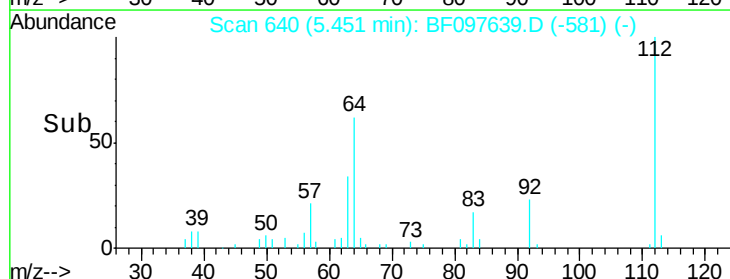
63 34.3 23.4 35.0

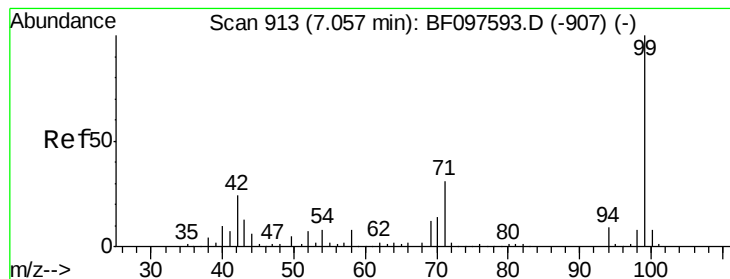


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.07 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF097639.D

Acq: 12 Aug 2017 17:36

Instrument :

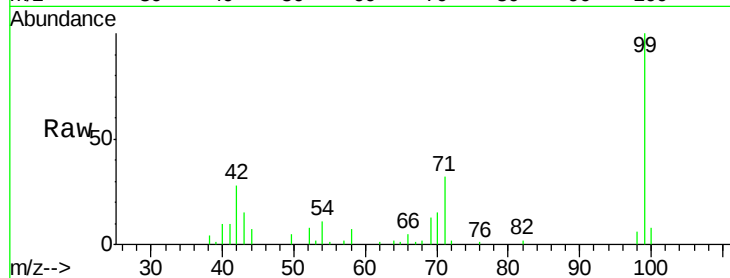
BNA_F

ClientSampleId :

NB-01-080917-A

Tot Ion: 99 Resp: 111515

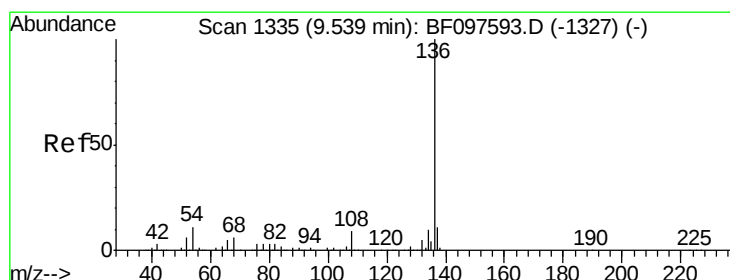
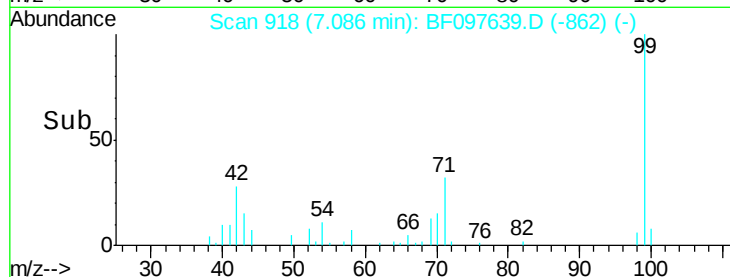
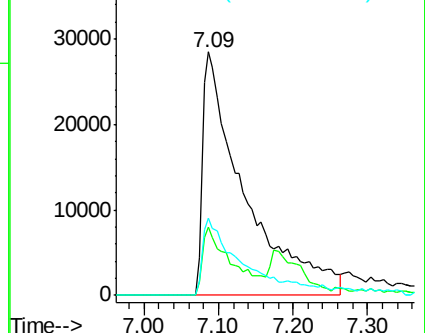
Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.5	20.3#
71	31.6	24.5	36.7



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: 9.53 min Scan# 1333

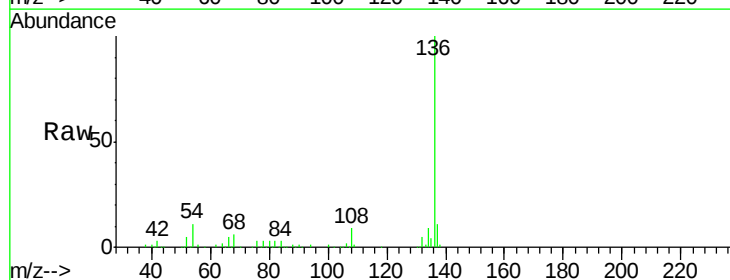
Delta R.T. -0.01 min

Lab File: BF097639.D

Acq: 12 Aug 2017 17:36

Tgt Ion: 136 Resp: 515698

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	4.9	7.3#
68	5.9	4.1	6.1

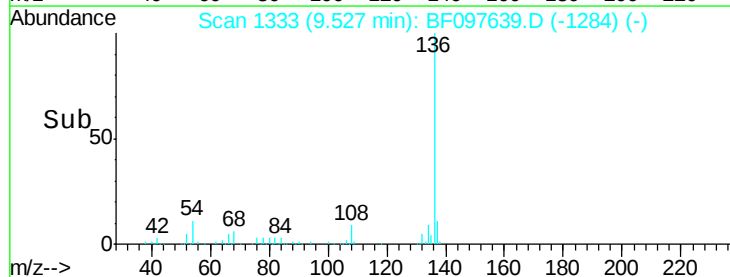
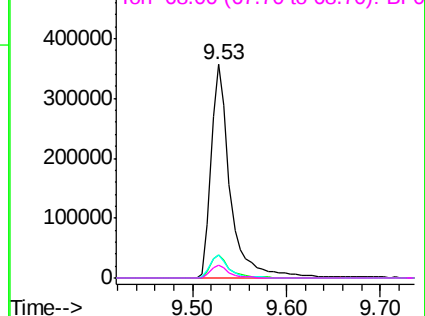


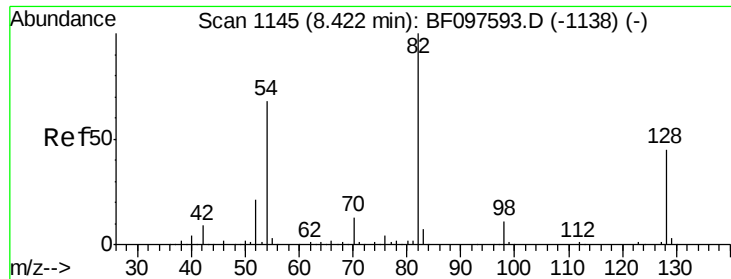
Abundance Ion 136.00 (135.70 to 136.70): E

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

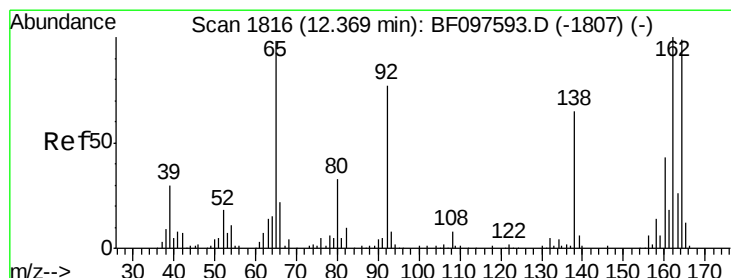
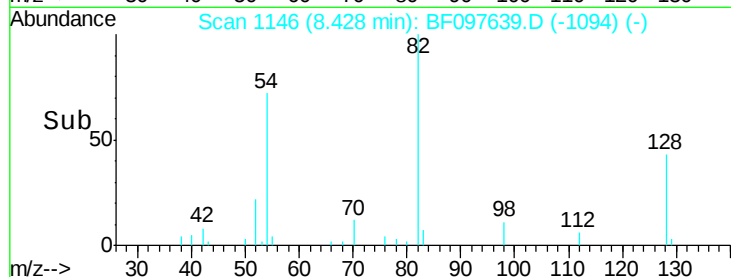
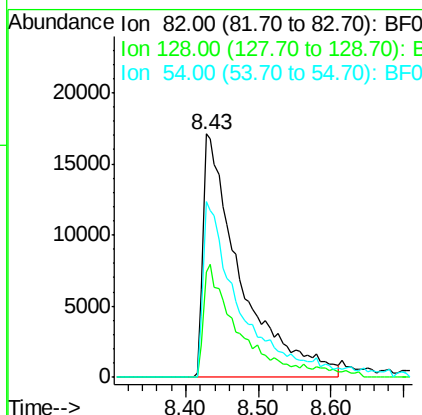
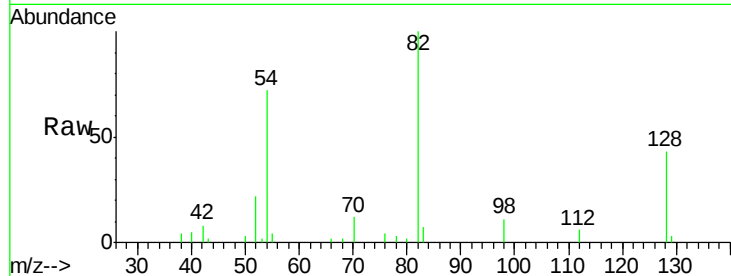




#23
 Nitrobenzene-d5
 Concen: 7.49 ng
 RT: 8.43 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

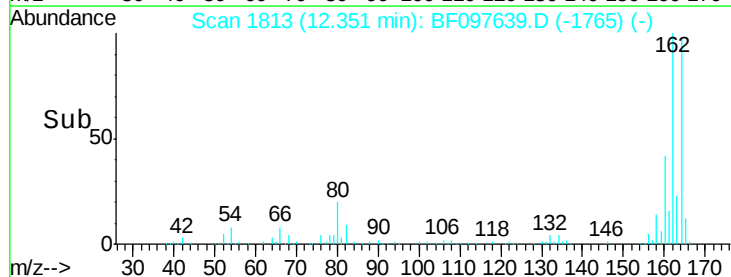
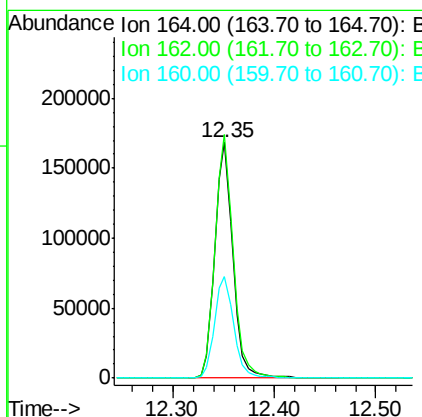
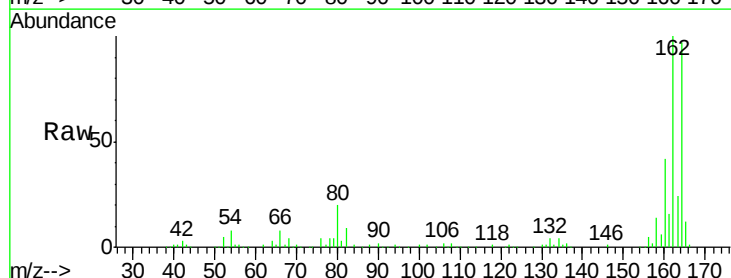
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

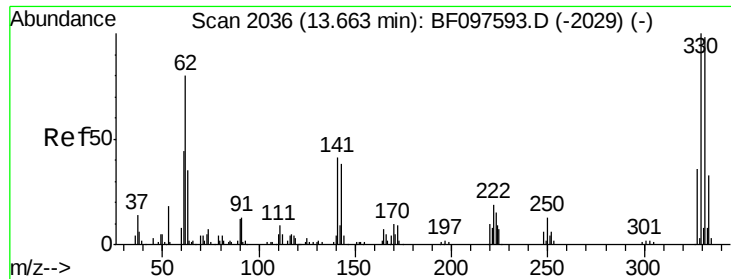
Tot Ion: 82 Resp: 61620
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.0 51.0
 54 72.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

Tgt Ion:164 Resp: 209270
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 43.0 36.2 54.2

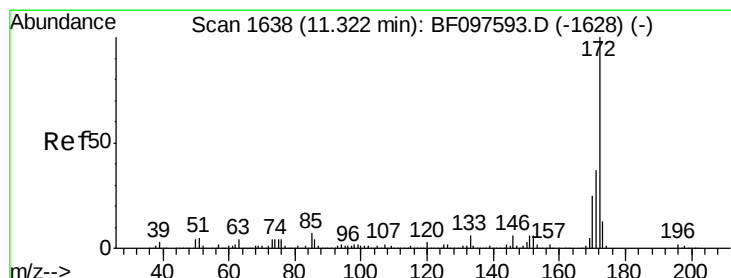
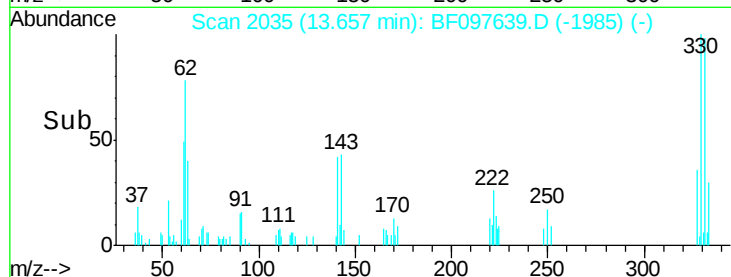
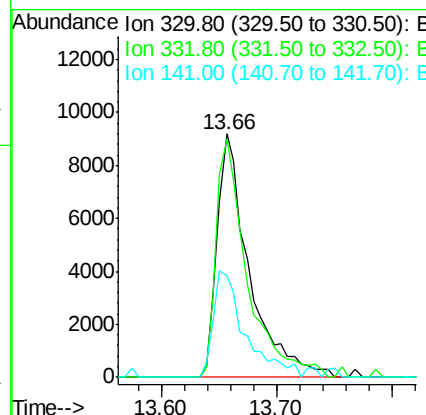
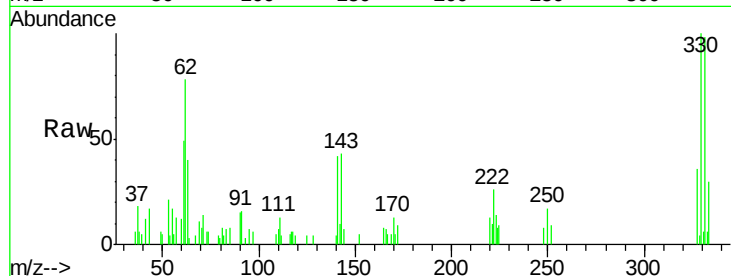




#41
 2,4,6-Tribromophenol
 Concen: 11.18 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

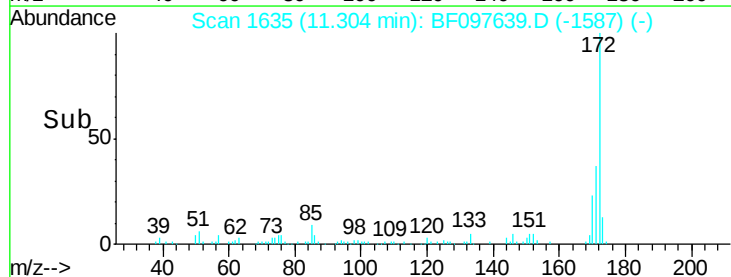
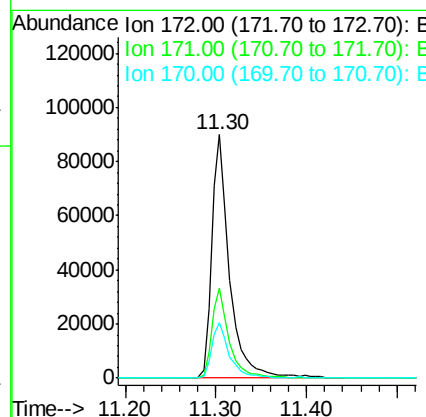
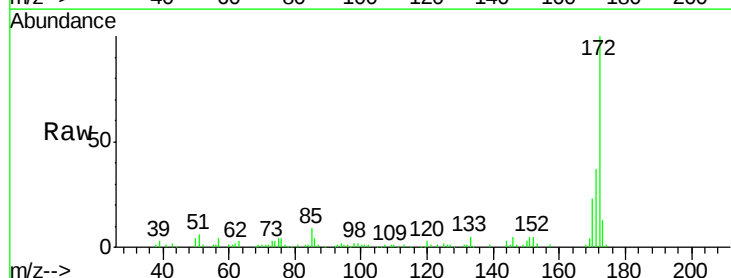
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

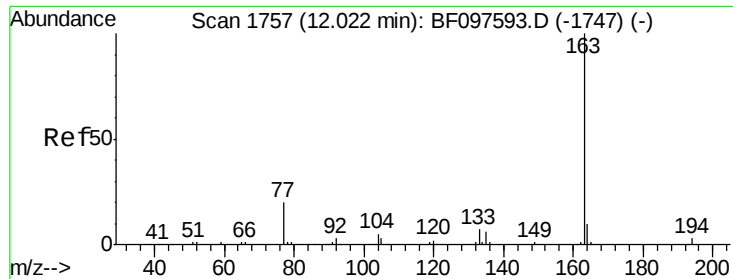
Tot Ion:330 Resp: 17785
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 43.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 8.92 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

Tgt Ion:172 Resp: 123621
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 22.7 19.8 29.8





#49

Dimethylphthalate

Concen: 2.41 ng

RT: 12.00 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097639.D

Acq: 12 Aug 2017 17:36

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-A

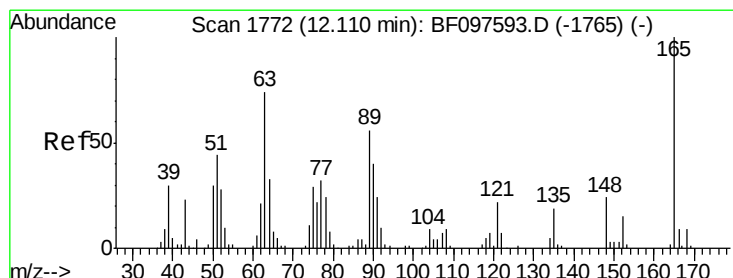
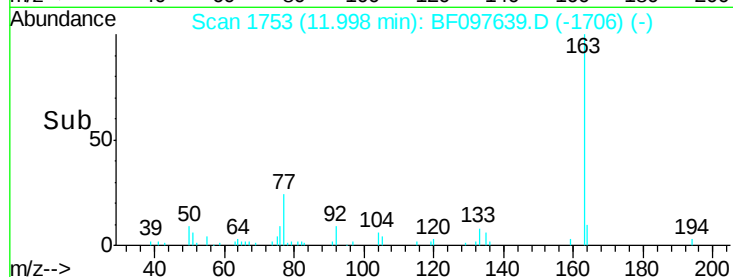
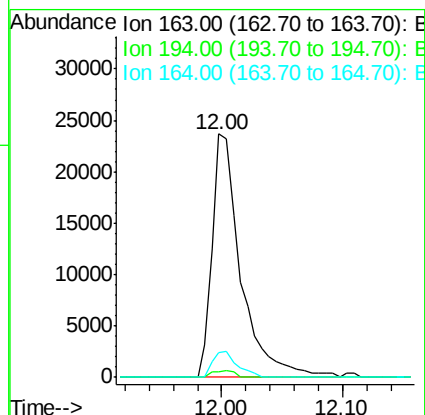
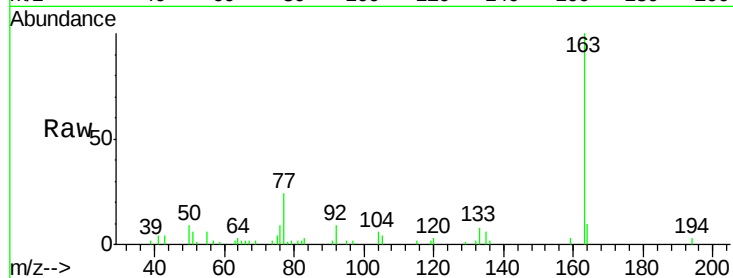
Tot Ion:163 Resp: 38843

Ion Ratio Lower Upper

163 100

194 2.5 2.6 4.0#

164 10.0 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.63 ng

RT: 12.35 min Scan# 1813

Delta R.T. 0.24 min

Lab File: BF097639.D

Acq: 12 Aug 2017 17:36

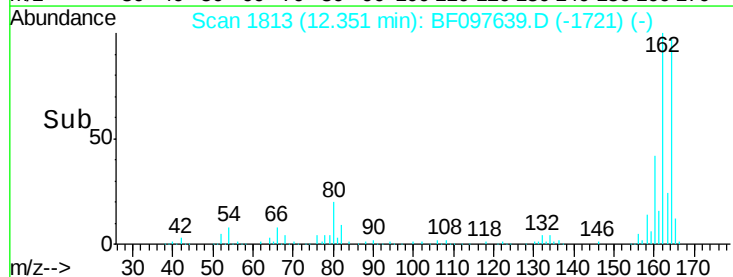
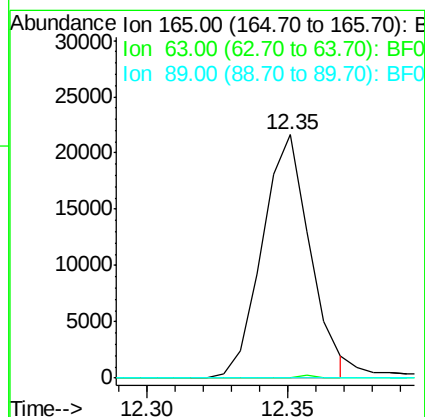
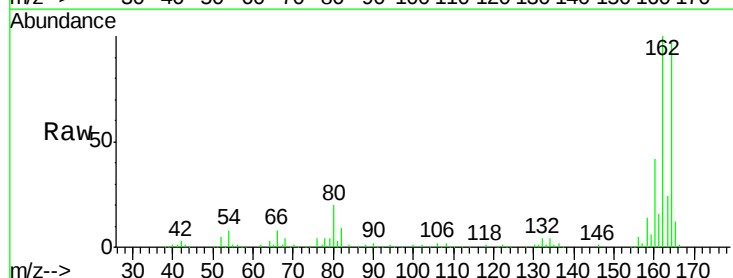
Tgt Ion:165 Resp: 25425

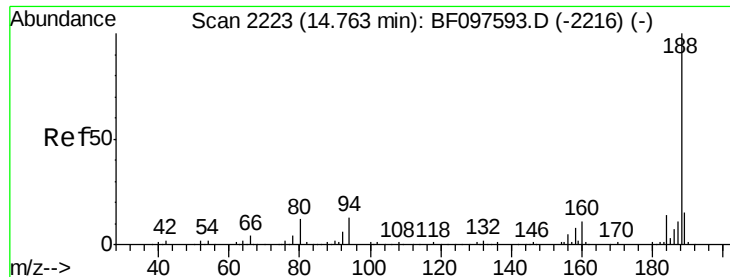
Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

89 0.0 37.1 55.7#

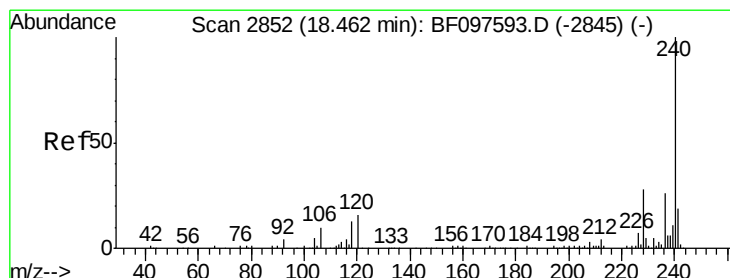
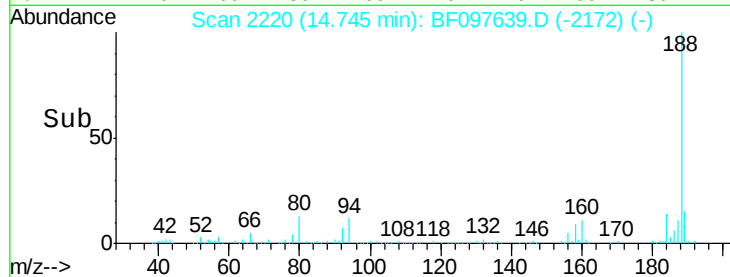
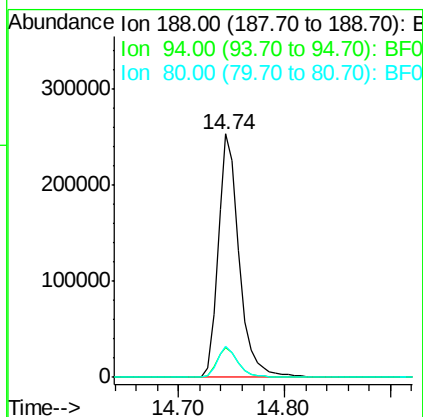
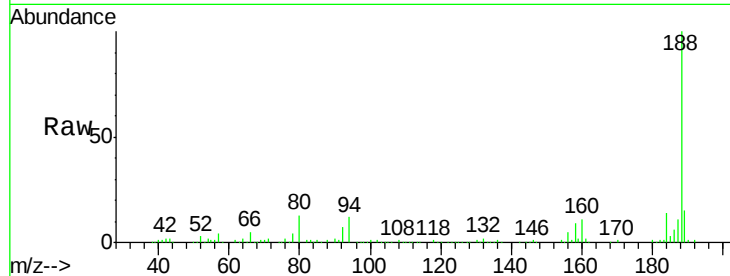




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097639.D
Acq: 12 Aug 2017 17:36

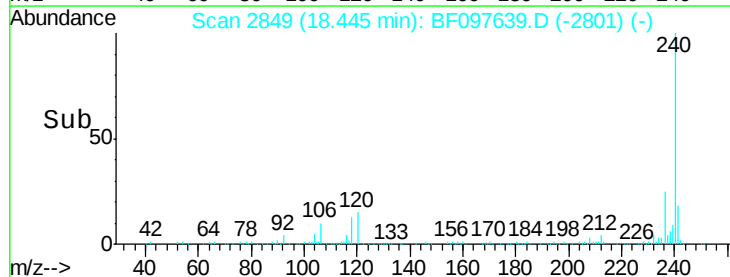
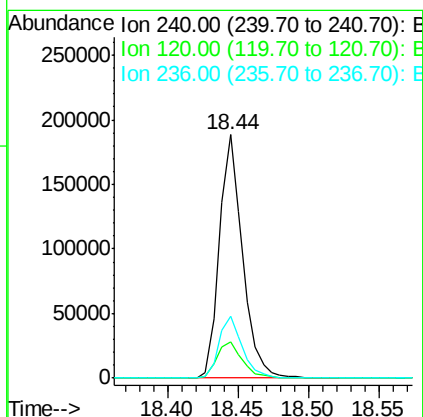
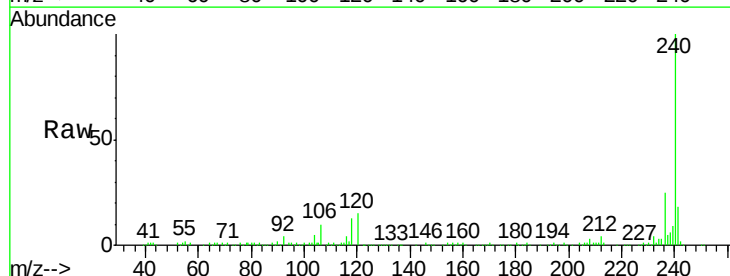
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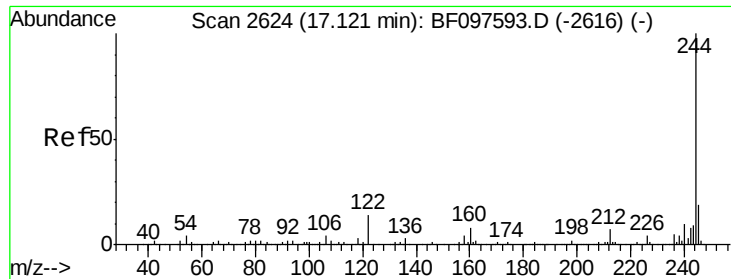
Tot Ion:188 Resp: 351100
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097639.D
Acq: 12 Aug 2017 17:36

Tgt Ion:240 Resp: 215248
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.5 20.5 30.7

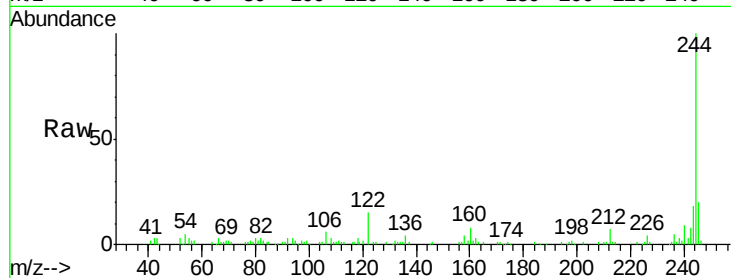




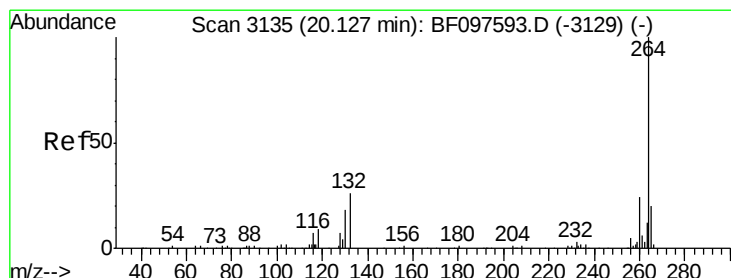
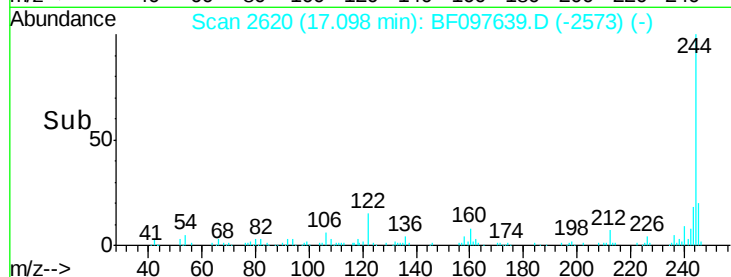
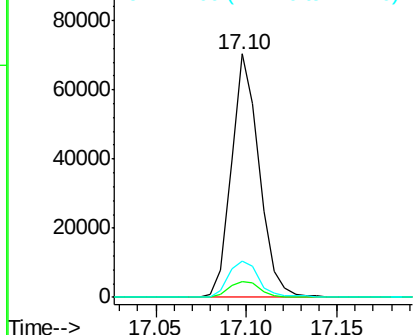
#78
 Terphenyl-d14
 Concen: 7.18 ng
 RT: 17.10 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

Tot Ion:244 Resp: 74682
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.1 10.3 15.5

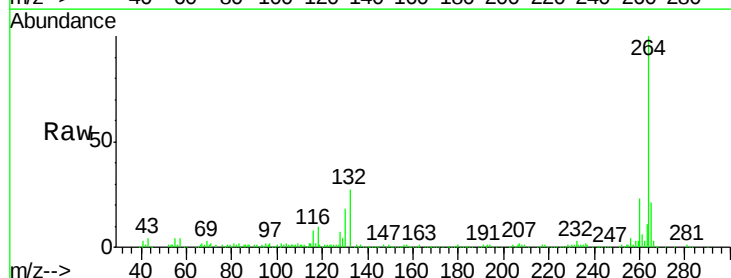


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097639.D
 Acq: 12 Aug 2017 17:36

Tgt Ion:264 Resp: 187141
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.4 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

