

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095927.D
 Acq On : 14 Jun 2017 17:37
 Operator : SJ/MA
 Sample : PB99714BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:06:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

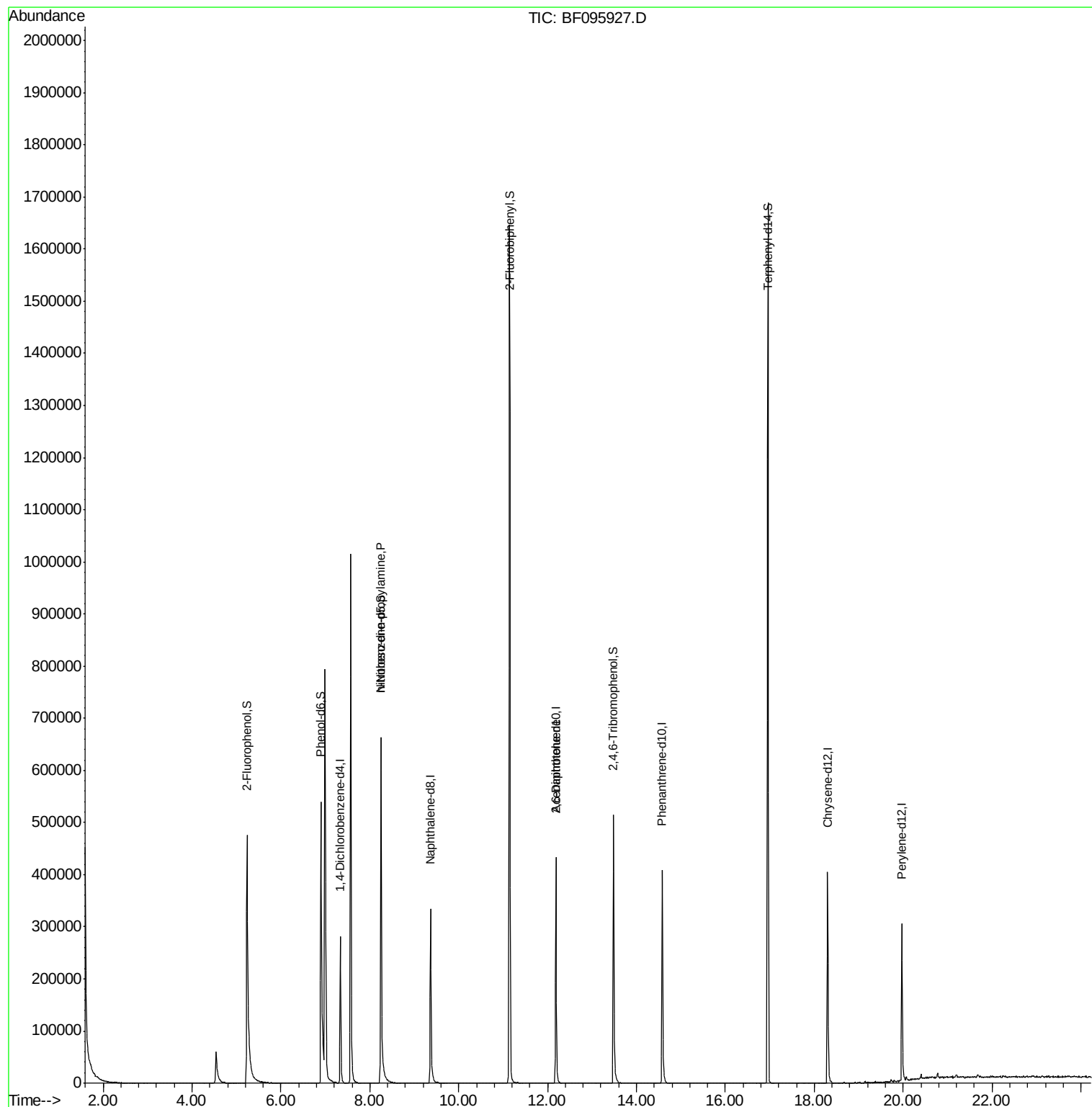
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70092	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	287473	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	135022	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	259383	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	211170	20.00	ng	-0.06
86) Perylene-d12	19.97	264	158386	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	366465	83.31	ng	-0.05
7) Phenol-d6	6.90	99	445013	84.51	ng	-0.06
23) Nitrobenzene-d5	8.25	82	382738	82.69	ng	-0.07
41) 2,4,6-Tribromophenol	13.48	330	102624	85.90	ng	-0.07
44) 2-Fluorobiphenyl	11.14	172	785196	80.92	ng	-0.07
78) Terphenyl-d14	16.96	244	726932	85.43	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.25	70	45806	13.73	ng	# 75
50) 2,6-Dinitrotoluene	12.19	165	16549	7.40	ng	# 31

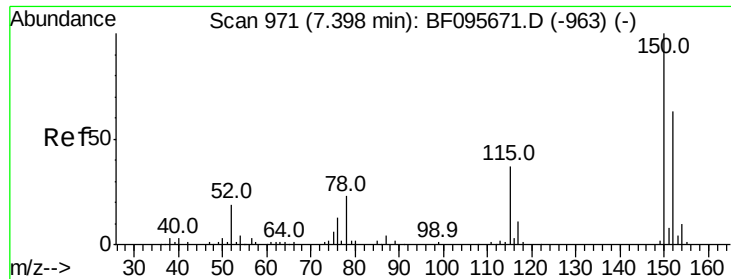
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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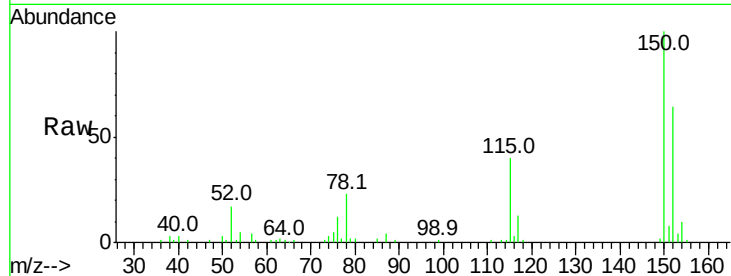


#1

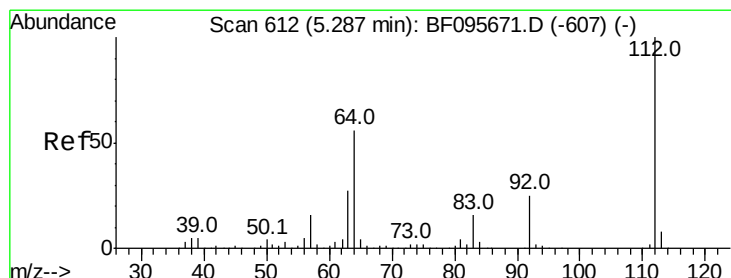
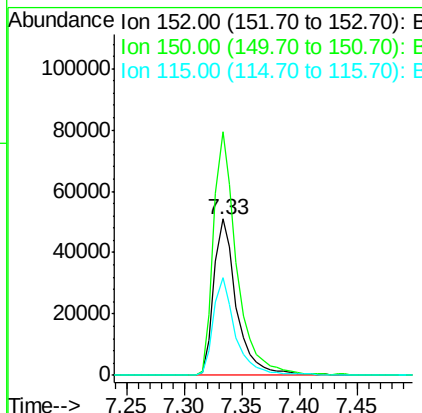
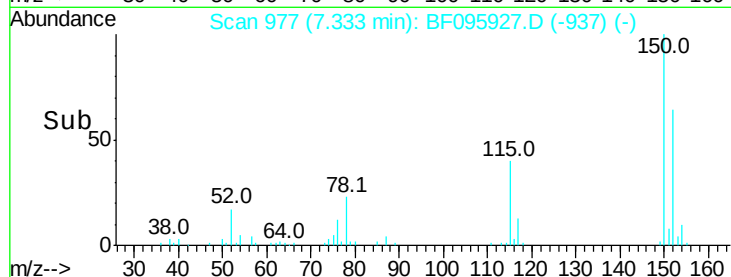
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 977
 Delta R.T. -0.06 min
 Lab File: BF095927.D
 Acq: 14 Jun 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 70092
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 62.9 52.2 78.2



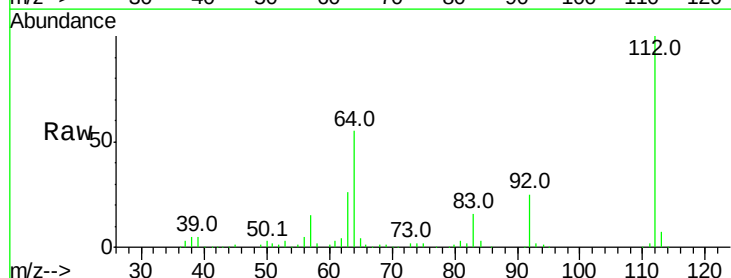
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



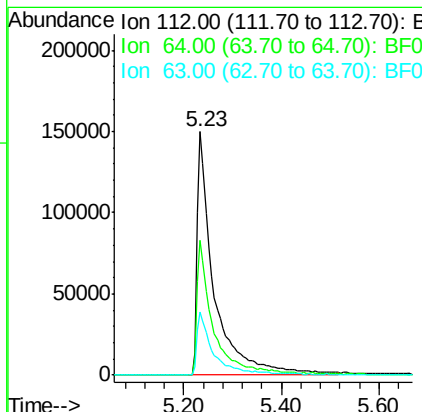
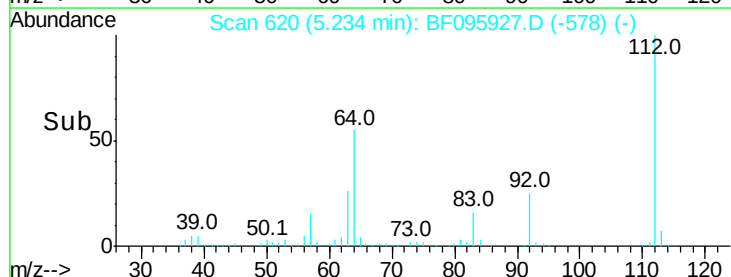
#5

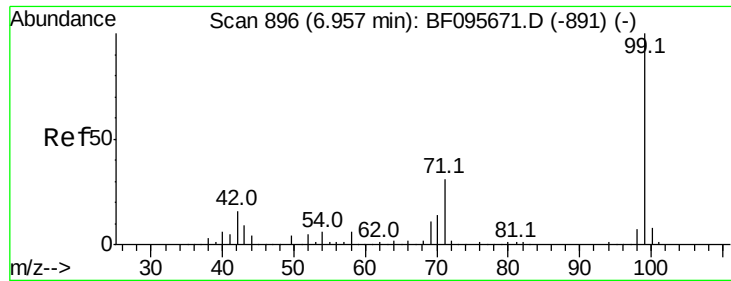
2-Fluorophenol
 Concen: 83.31 ng
 RT: 5.23 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF095927.D
 Acq: 14 Jun 2017 17:37

Tgt Ion:112 Resp: 366465
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.0 69.0
 63 26.2 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: 84.51 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.06 min

Lab File: BF095927.D

Acq: 14 Jun 2017 17:37

Instrument :

BNA_F

ClientSampleId :

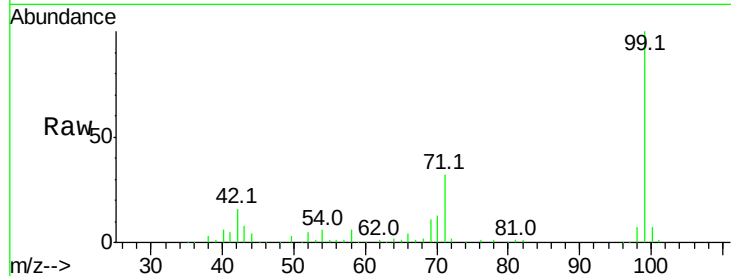
Tot Ion: 99 Resp: 445013

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

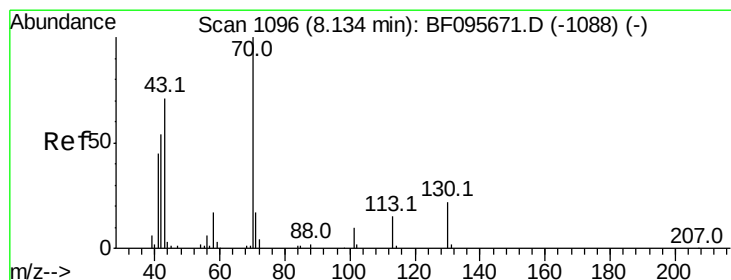
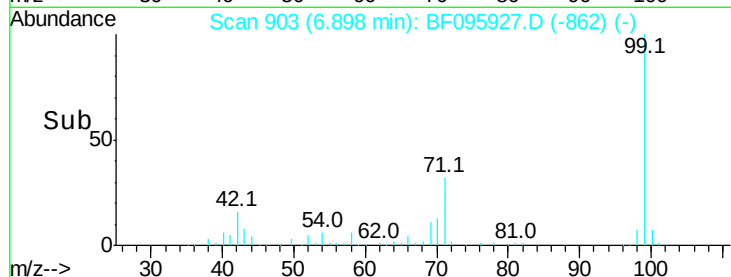
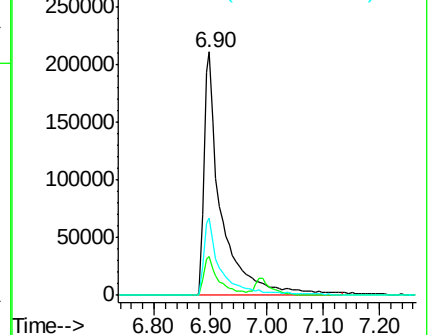
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.73 ng

RT: 8.25 min Scan# 1133

Delta R.T. 0.12 min

Lab File: BF095927.D

Acq: 14 Jun 2017 17:37

Tgt Ion: 70 Resp: 45806

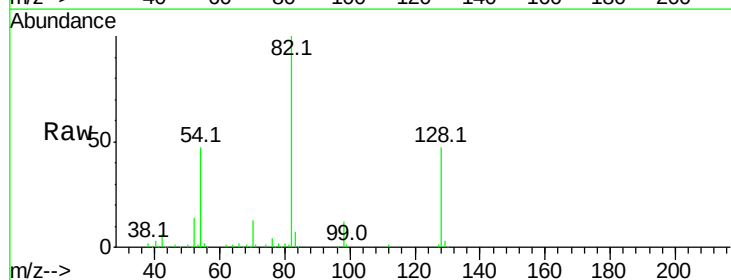
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

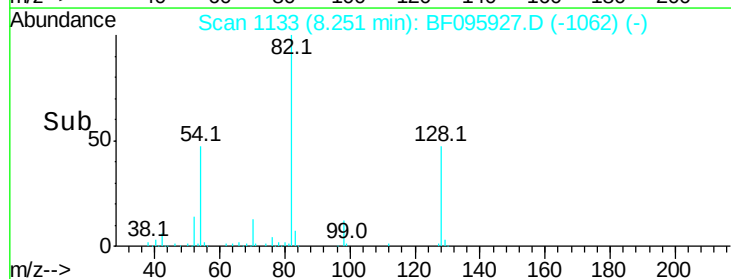
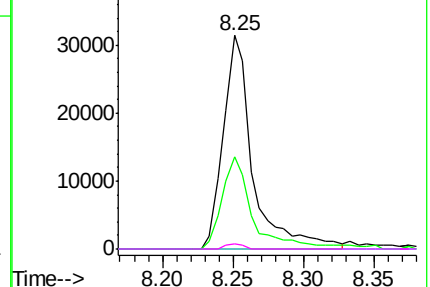


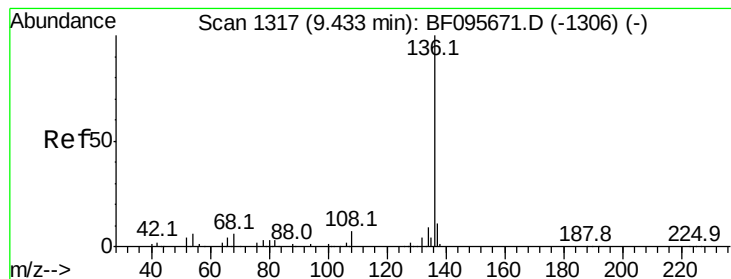
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095927.D

Acq: 14 Jun 2017 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 287473

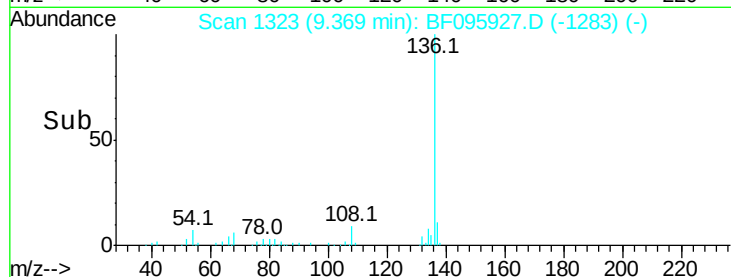
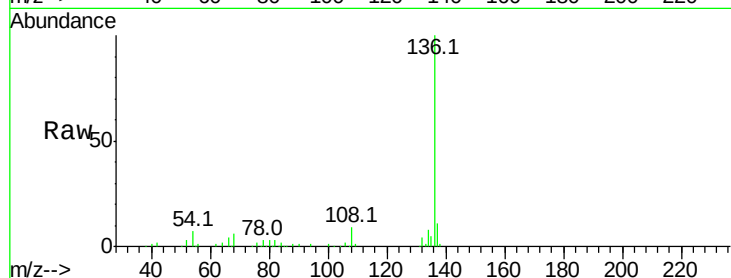
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

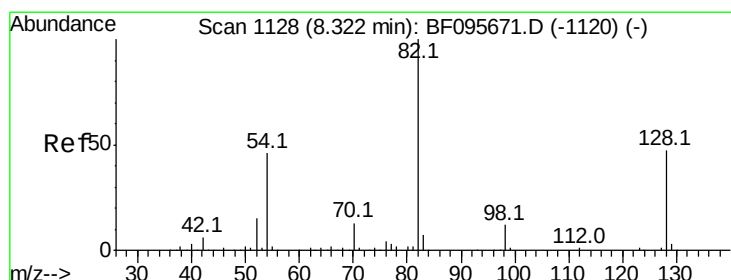
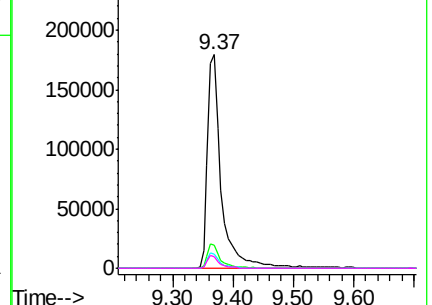


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.69 ng

RT: 8.25 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF095927.D

Acq: 14 Jun 2017 17:37

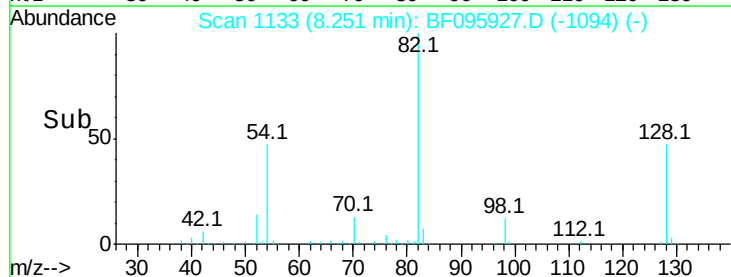
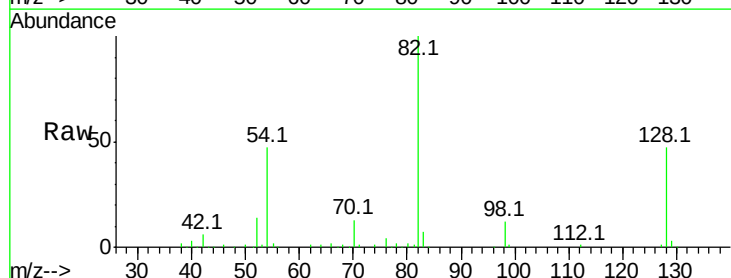
Tgt Ion: 82 Resp: 382738

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

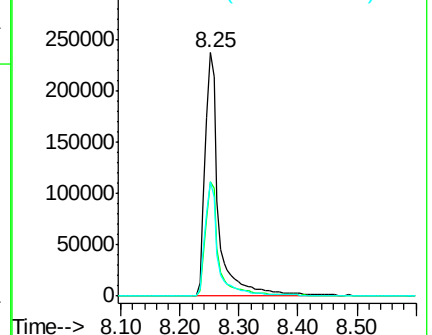
54 46.8 42.2 63.2

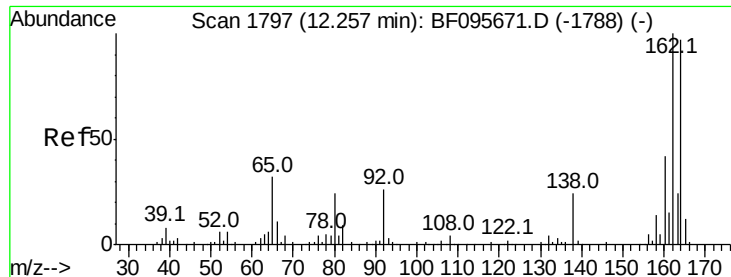


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

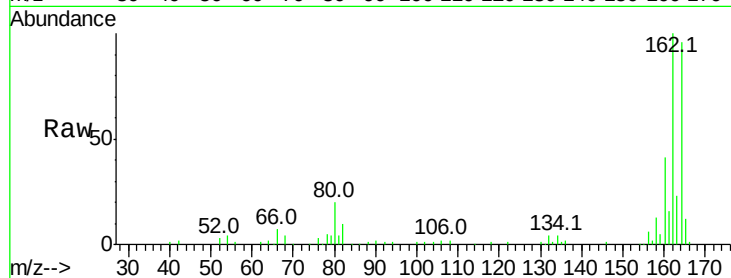




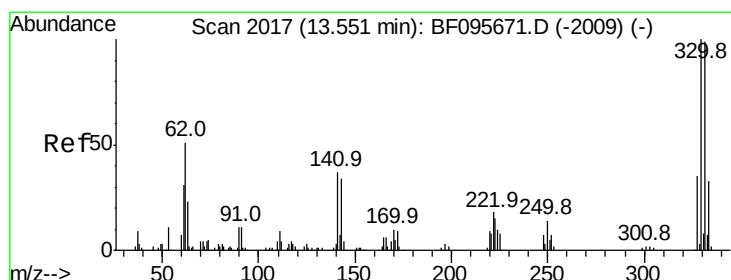
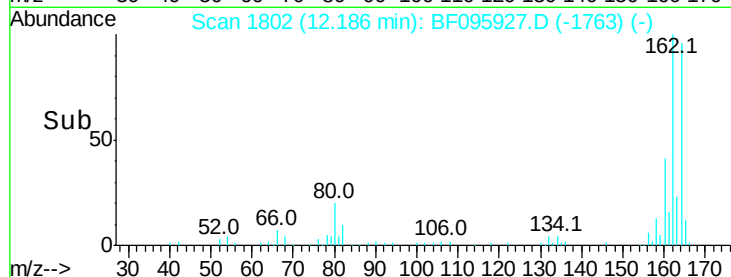
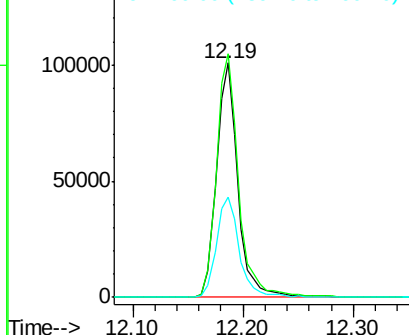
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 135022
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 42.8 36.2 54.2

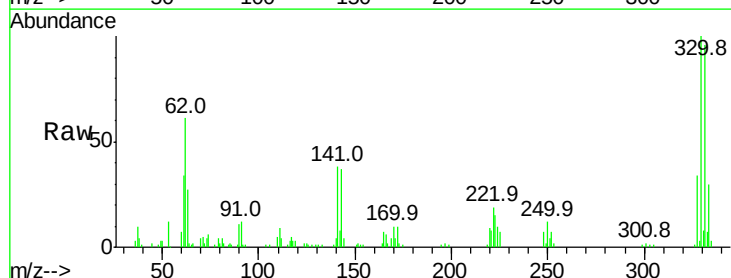


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

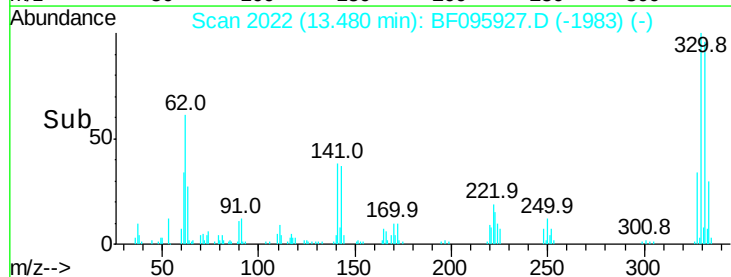
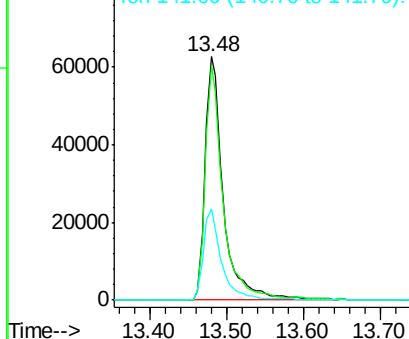


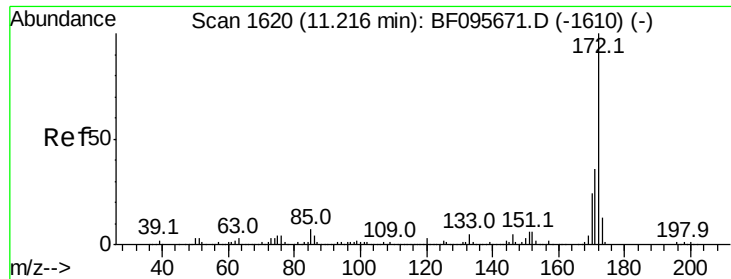
#41
2,4,6-Tribromophenol
Concen: 85.90 ng
RT: 13.48 min Scan# 2022
Delta R.T. -0.07 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

Tgt Ion:330 Resp: 102624
Ion Ratio Lower Upper
330 100
332 93.6 76.6 115.0
141 37.5 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

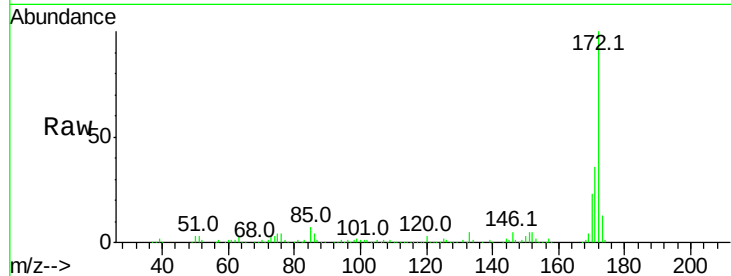




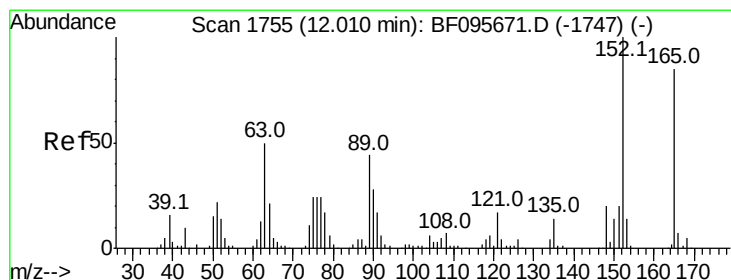
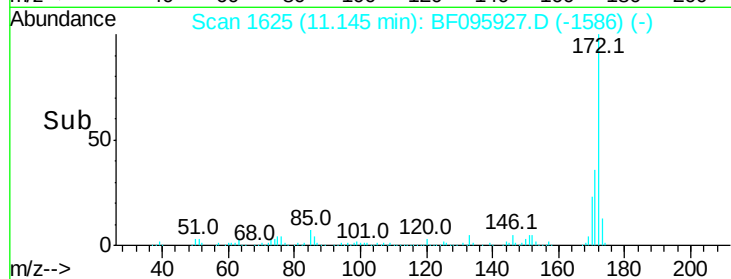
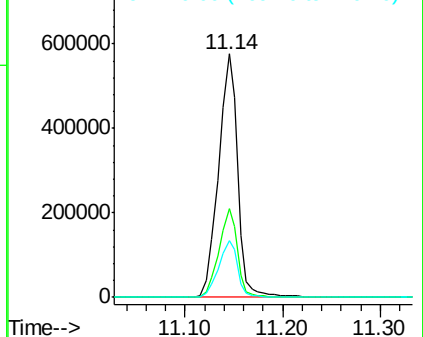
#44
2-Fluorobiphenyl
Concen: 80.92 ng
RT: 11.14 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.5	19.8	29.8

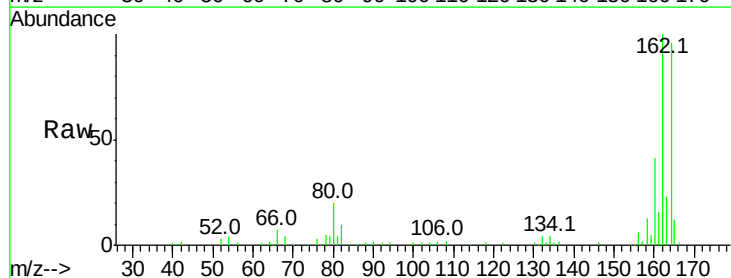


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

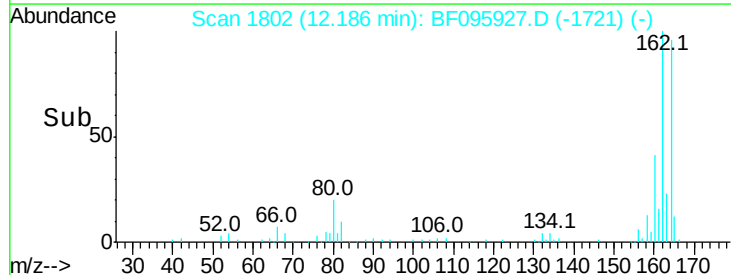
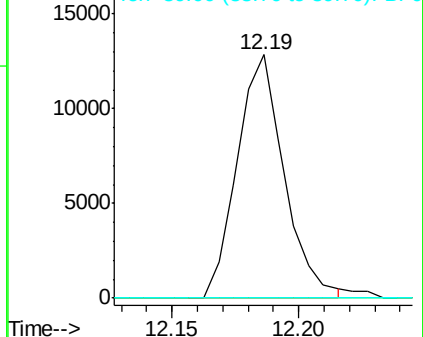


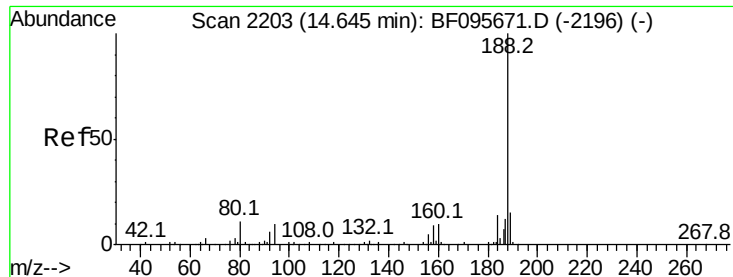
#50
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 12.19 min Scan# 1802
Delta R.T. 0.18 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

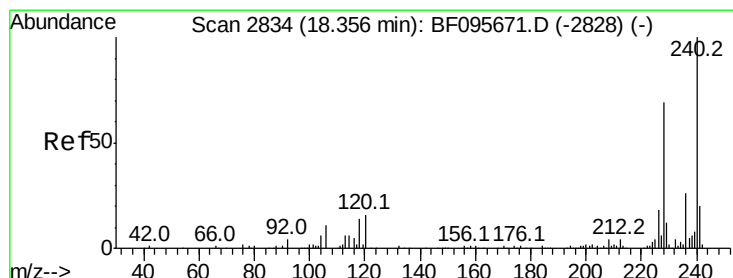
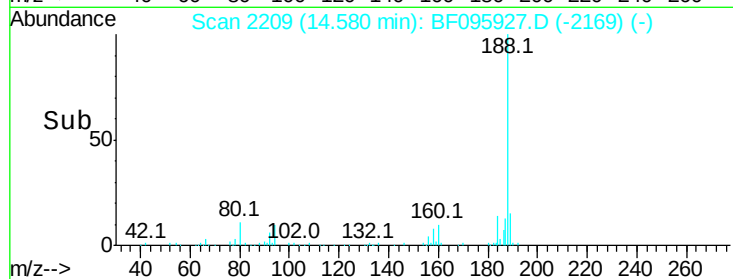
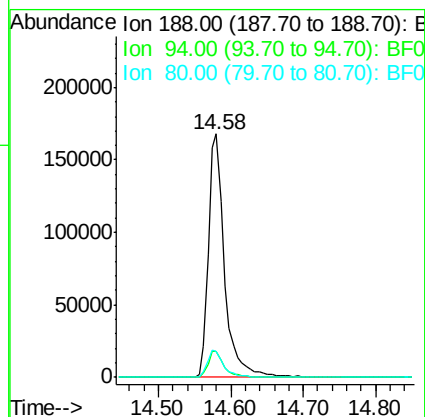
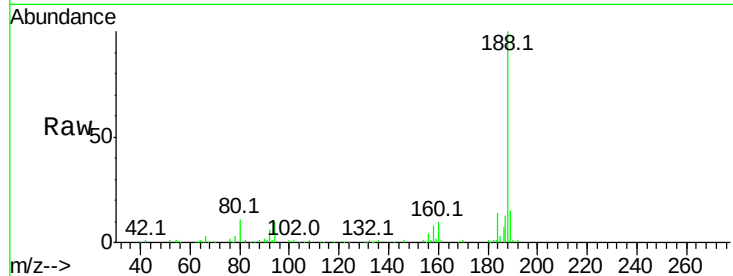




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

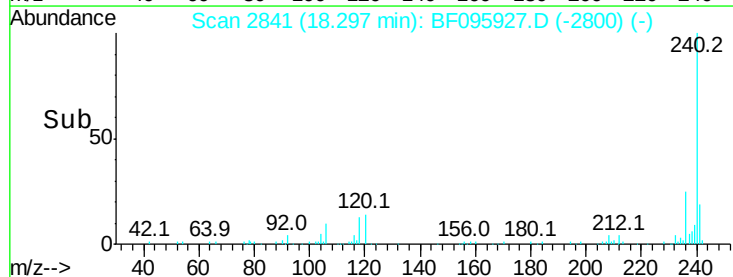
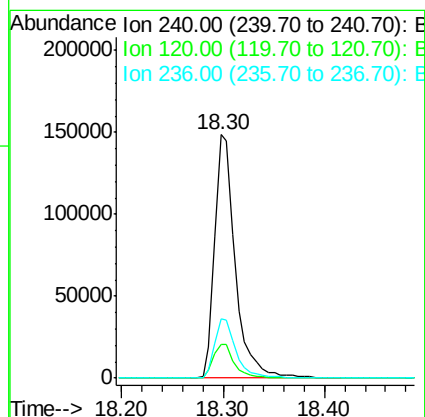
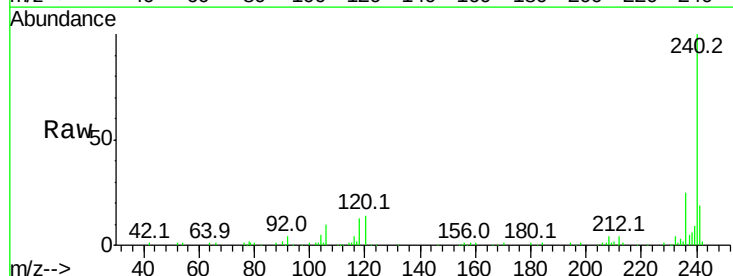
Instrument :
BNA_F
ClientSampleId :

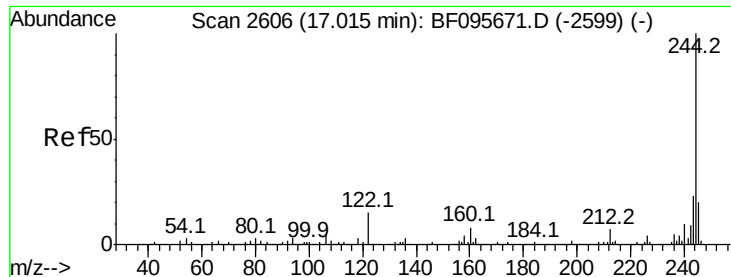
Tot Ion:188 Resp: 259383
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2841
Delta R.T. -0.06 min
Lab File: BF095927.D
Acq: 14 Jun 2017 17:37

Tgt Ion:240 Resp: 211170
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.6 20.5 30.7

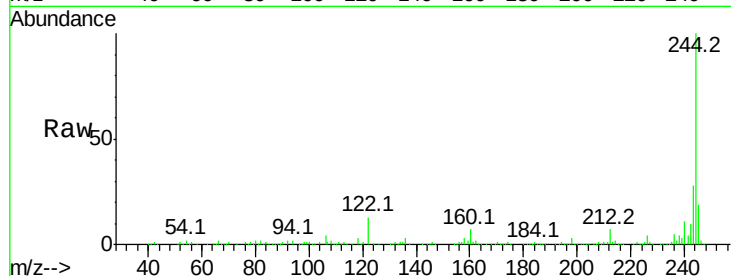




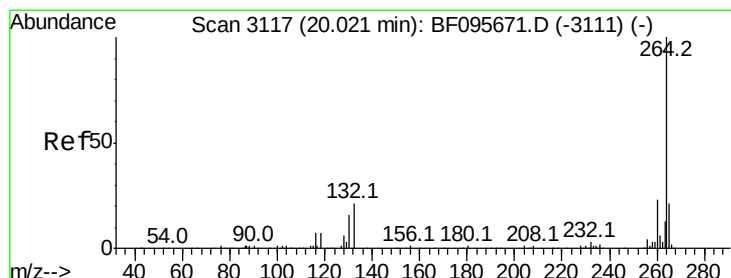
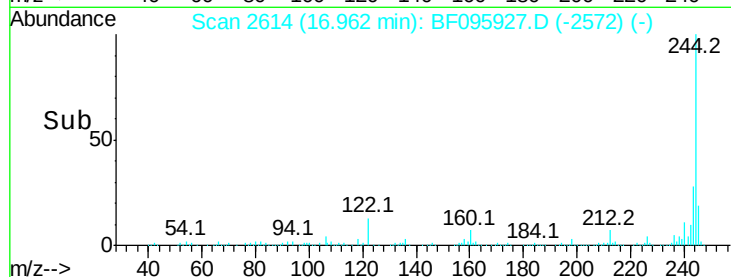
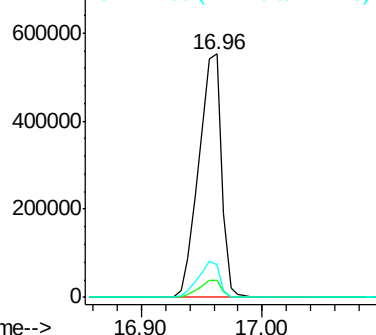
#78
 Terphenyl-d14
 Concen: 85.43 ng
 RT: 16.96 min Scan# 2614
 Delta R.T. -0.05 min
 Lab File: BF095927.D
 Acq: 14 Jun 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 726932
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.2 10.3 15.5

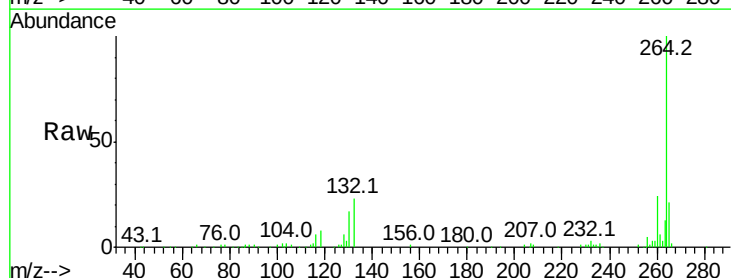


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095927.D
 Acq: 14 Jun 2017 17:37

Tgt Ion:264 Resp: 158386
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 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

