

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095595.D
 Acq On : 1 Jun 2017 15:24
 Operator : SJ/MA
 Sample : PB99358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:16:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

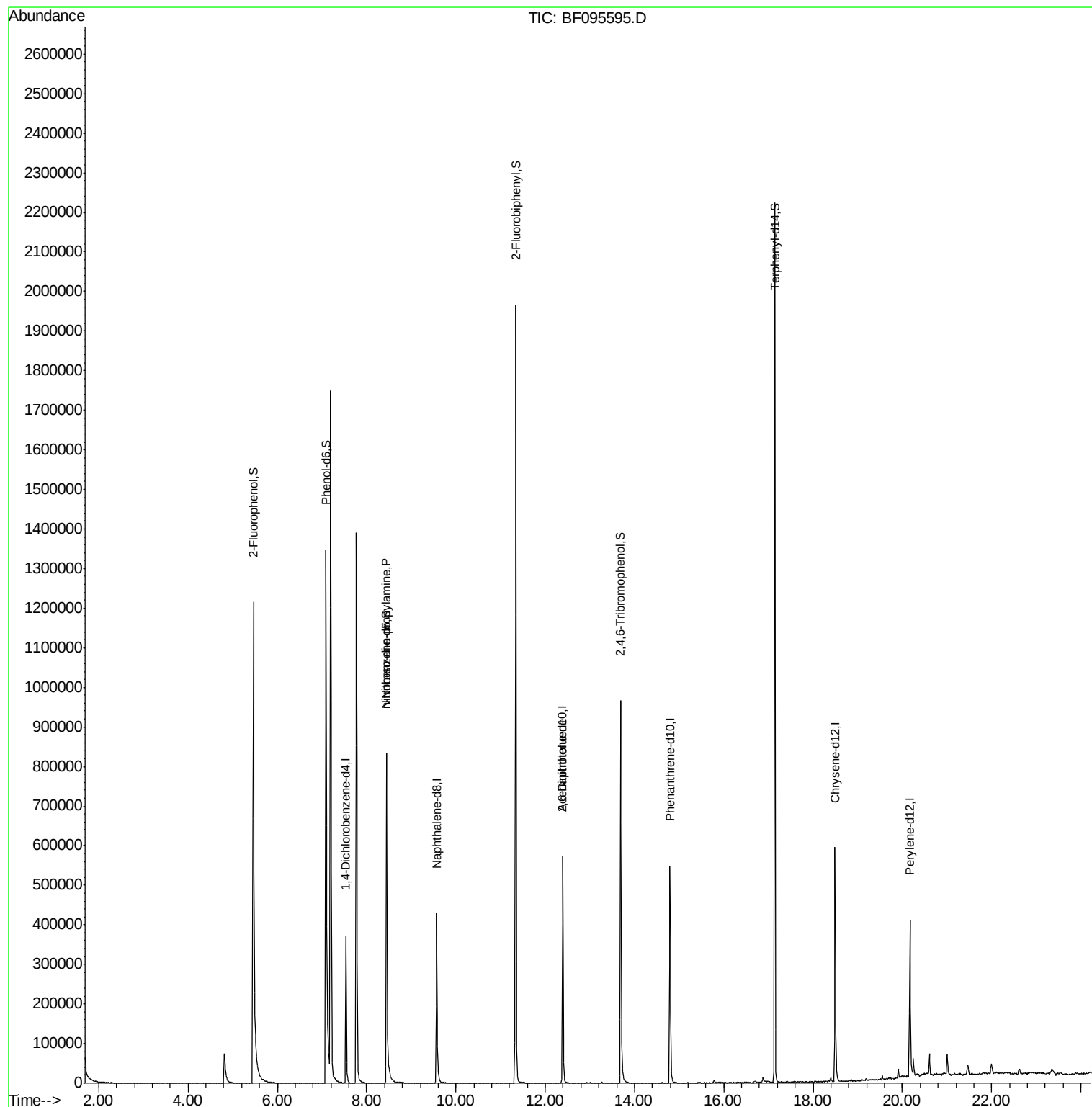
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	90808	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	353242	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	175876	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	323922	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	289423	20.00	ng	-0.02
86) Perylene-d12	20.17	264	212193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	757522	139.08	ng	0.00
7) Phenol-d6	7.09	99	920650	140.88	ng	-0.02
23) Nitrobenzene-d5	8.45	82	467784	83.51	ng	-0.03
41) 2,4,6-Tribromophenol	13.69	330	171879	119.33	ng	-0.02
44) 2-Fluorobiphenyl	11.35	172	980265	80.22	ng	-0.02
78) Terphenyl-d14	17.15	244	906945	69.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	57544	13.02	ng	# 73
50) 2,6-Dinitrotoluene	12.39	165	21731	7.38	ng	# 31

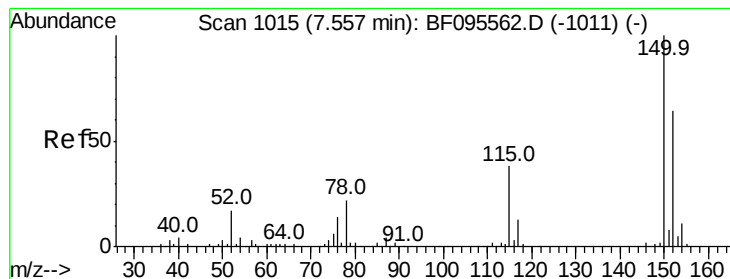
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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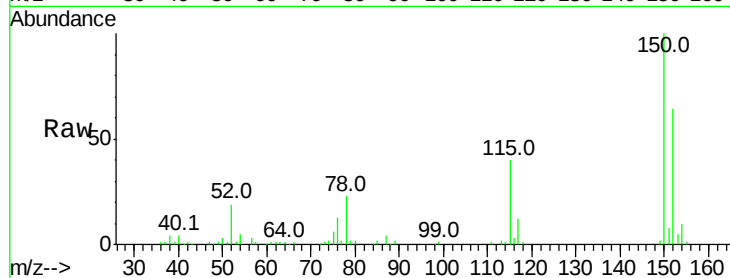


#1

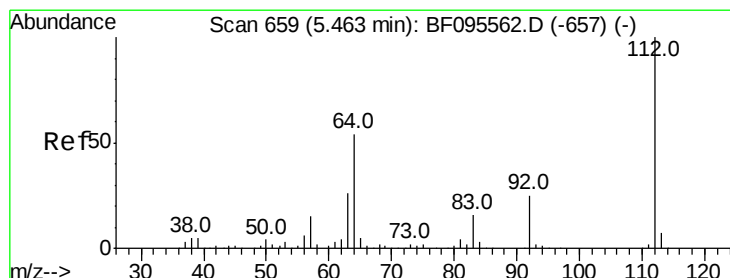
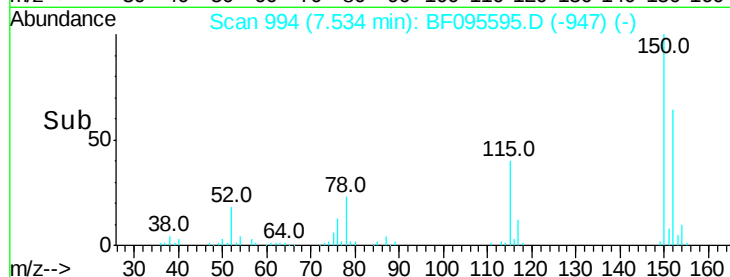
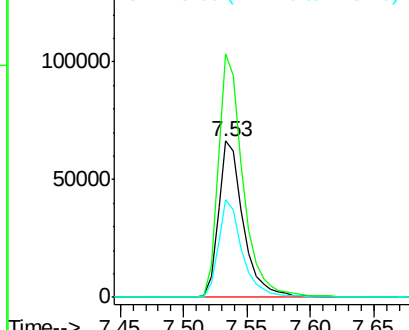
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.53 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF095595.D
 Acq: 1 Jun 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.8	52.2	78.2



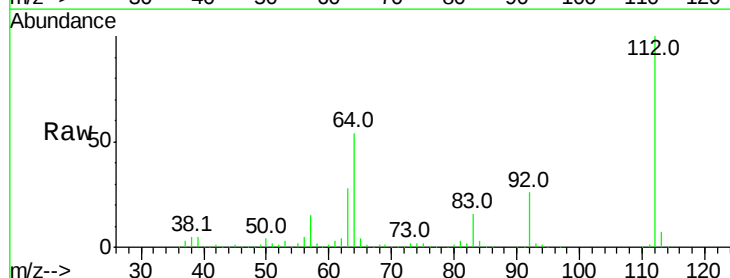
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



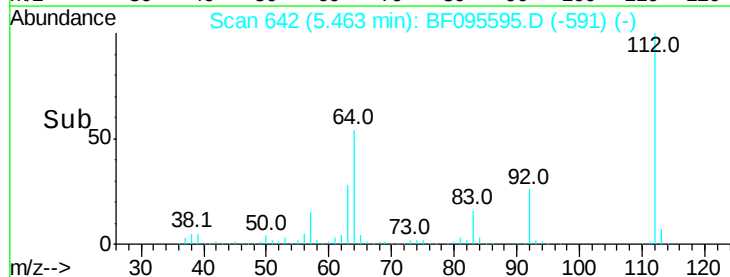
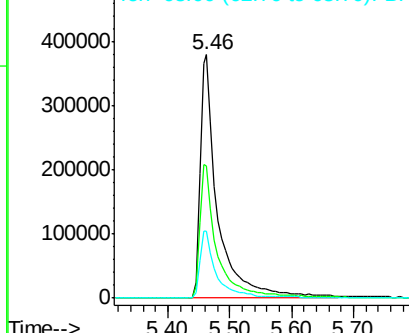
#5

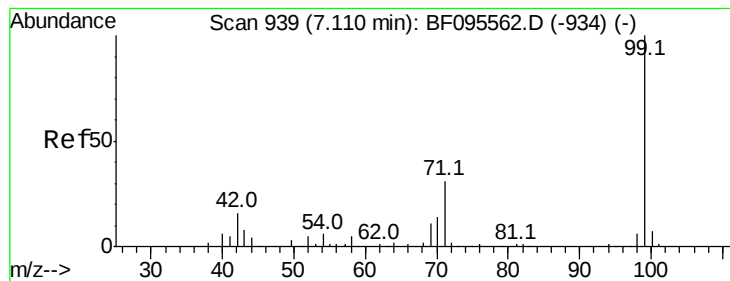
2-Fluorophenol
 Concen: 139.08 ng
 RT: 5.46 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF095595.D
 Acq: 1 Jun 2017 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.6	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: 140.88 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF095595.D

Acq: 1 Jun 2017 15:24

Instrument :

BNA_F

ClientSampleId :

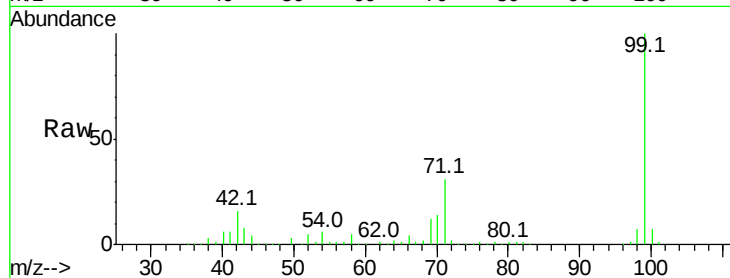
Tot Ion: 99 Resp: 920650

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

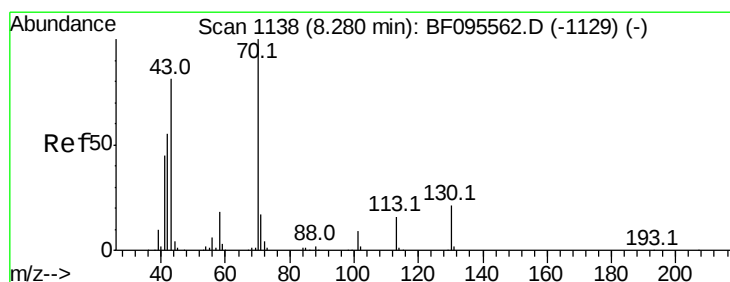
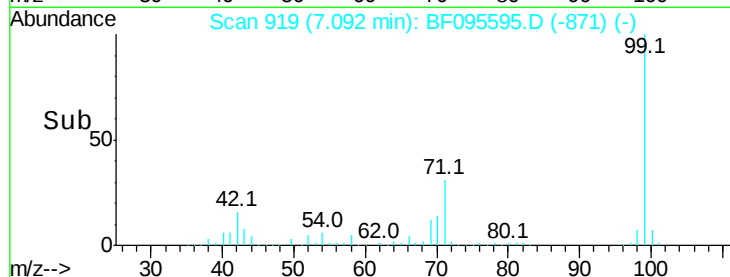
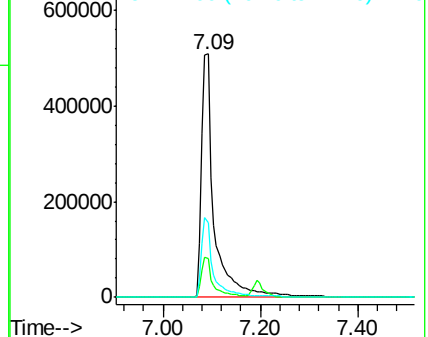
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.02 ng

RT: 8.45 min Scan# 1149

Delta R.T. 0.16 min

Lab File: BF095595.D

Acq: 1 Jun 2017 15:24

Tgt Ion: 70 Resp: 57544

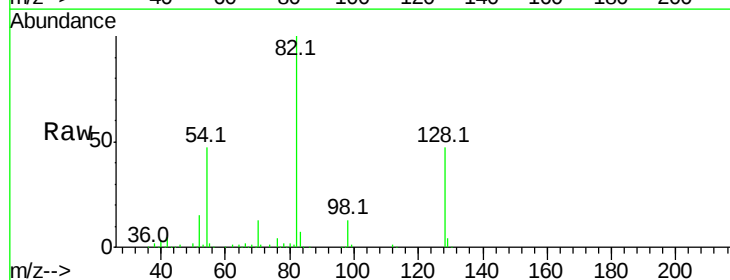
Ion Ratio Lower Upper

70 100

42 41.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

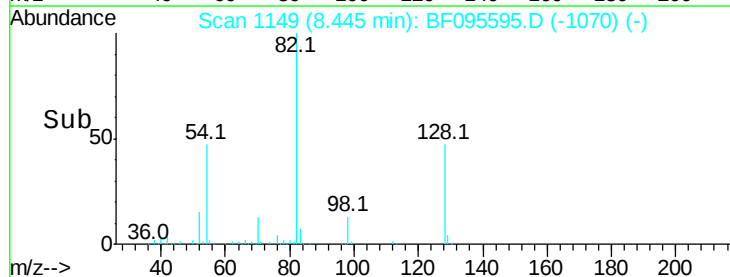
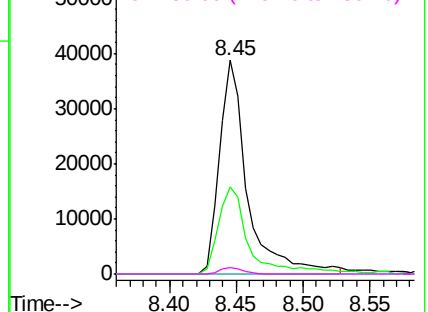


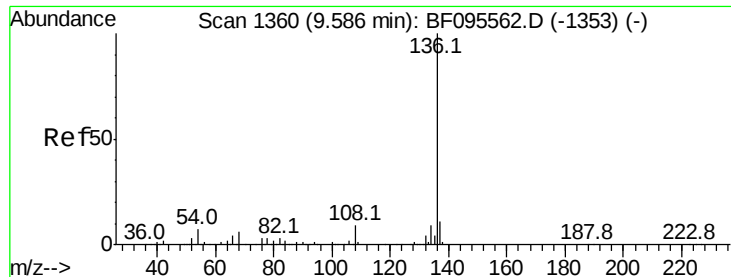
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF095595.D

Acq: 1 Jun 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 353242

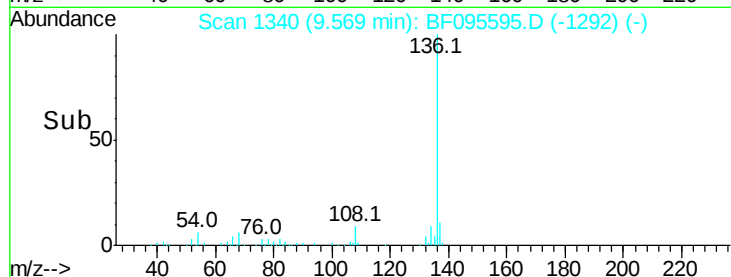
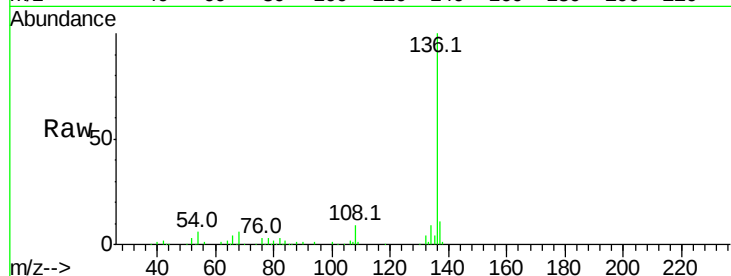
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 4.9 7.3

68 5.8 4.1 6.1

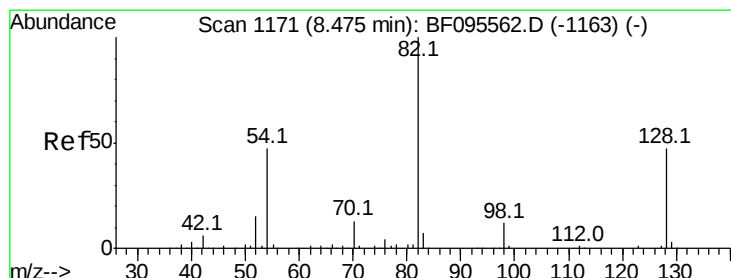
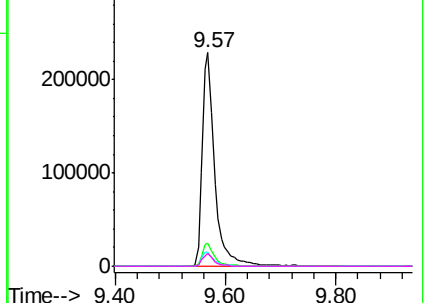


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.51 ng

RT: 8.45 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF095595.D

Acq: 1 Jun 2017 15:24

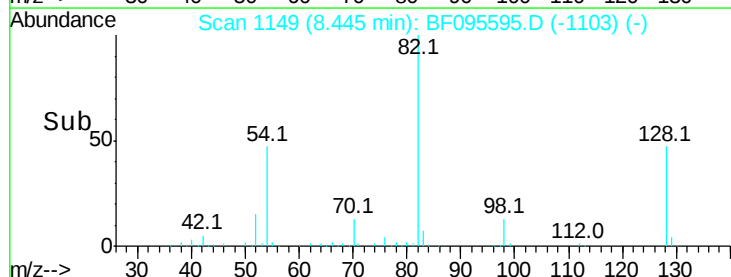
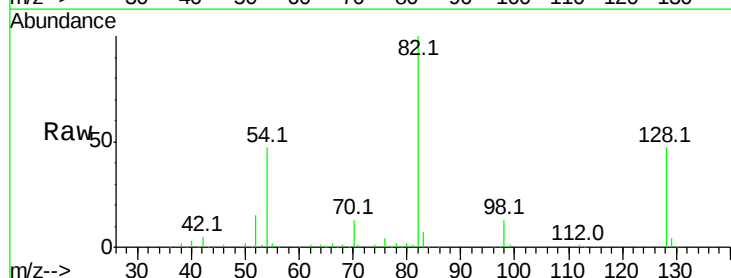
Tgt Ion: 82 Resp: 467784

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

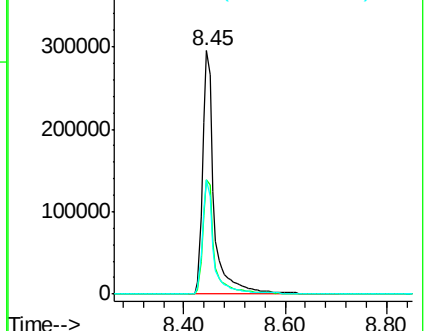
54 46.8 42.2 63.2

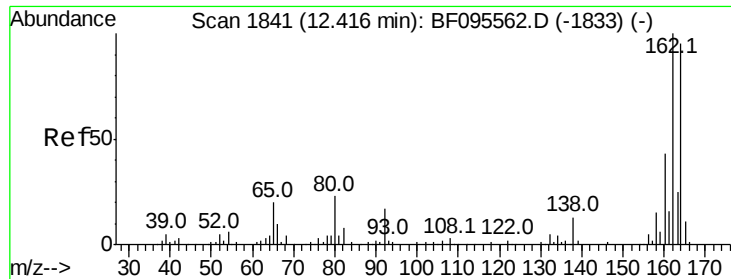


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

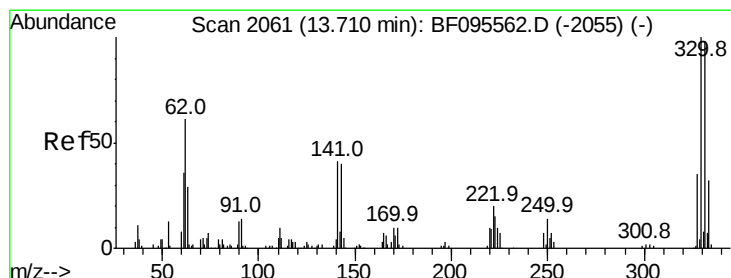
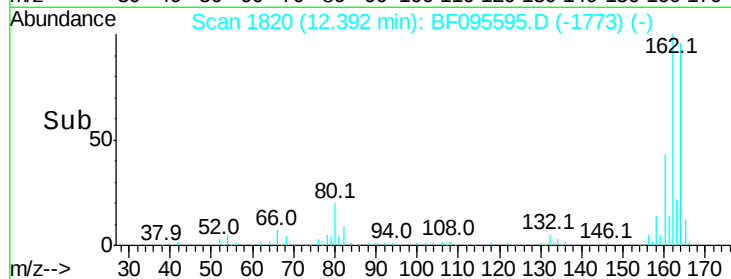
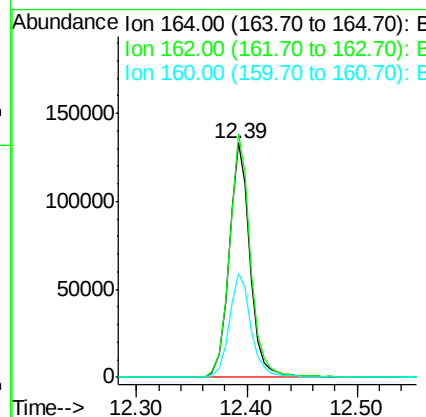
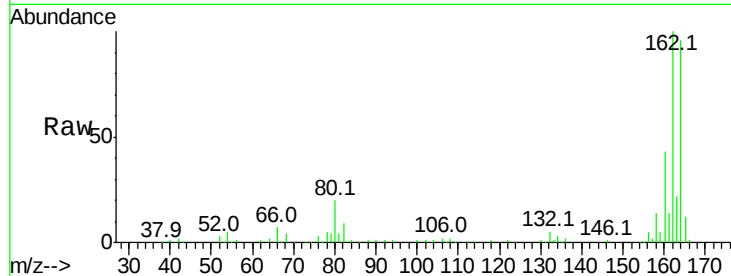




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

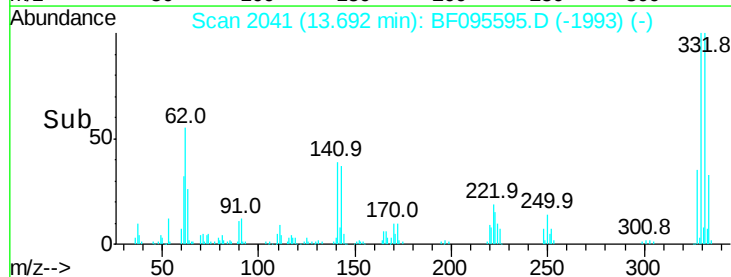
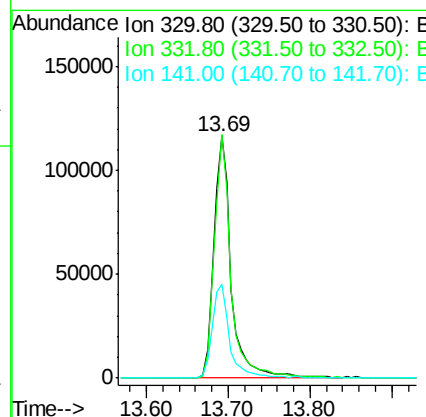
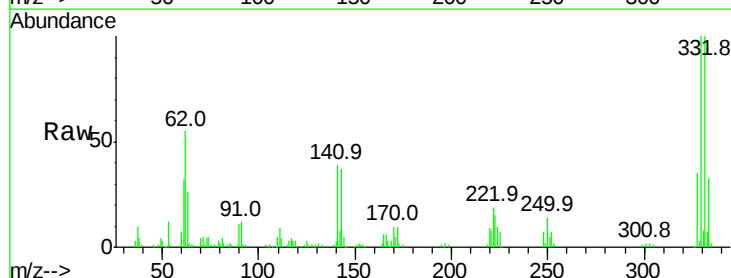
Instrument :
BNA_F
ClientSampleId :

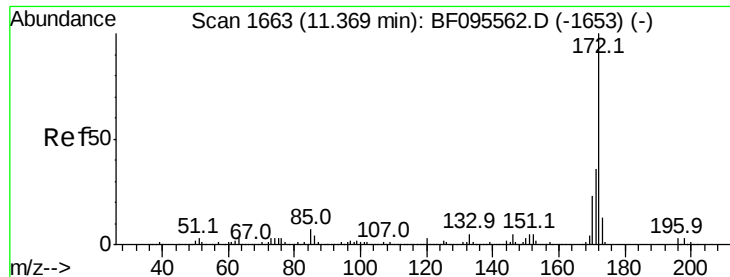
Tot Ion:164 Resp: 175876
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 44.2 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 119.33 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

Tgt Ion:330 Resp: 171879
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 38.9 31.4 47.2

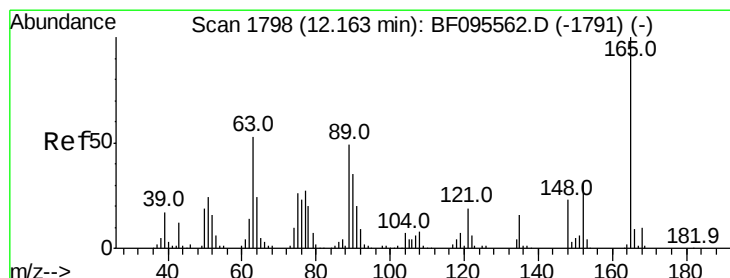
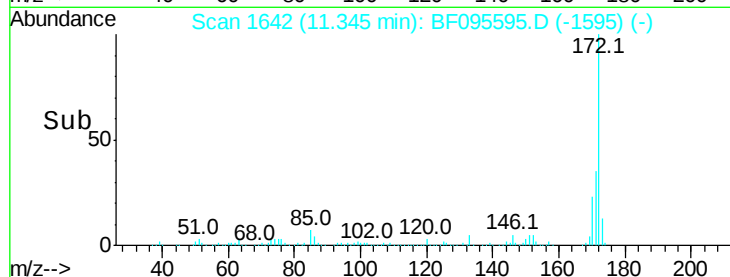
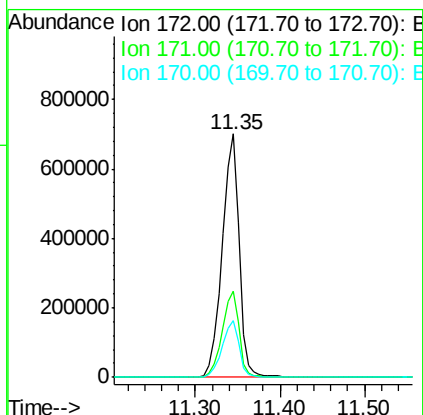
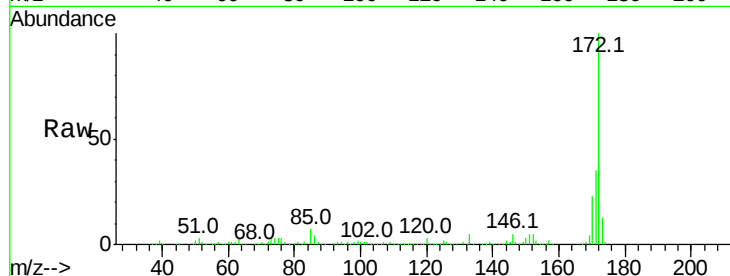




#44
2-Fluorobiphenyl
Concen: 80.22 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

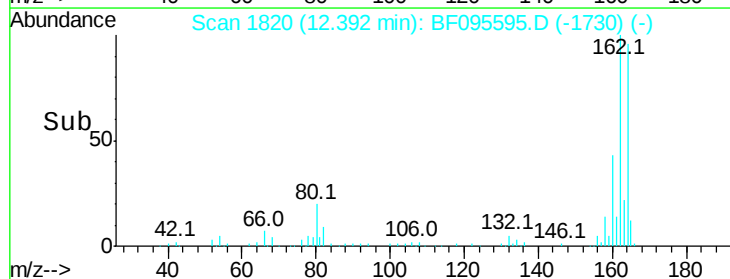
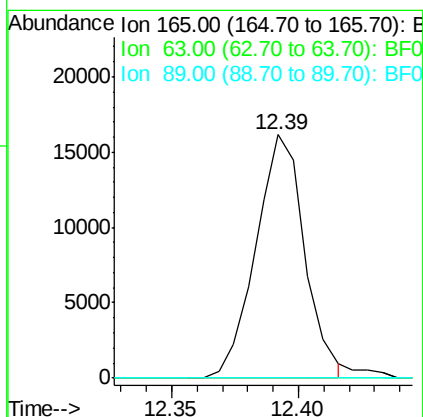
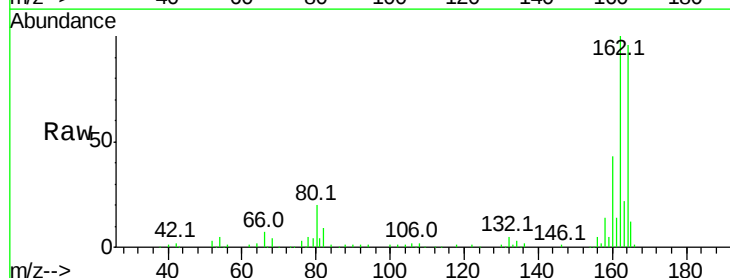
Instrument :
BNA_F
ClientSampleId :

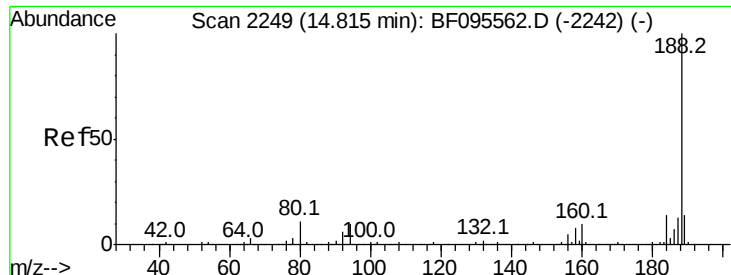
Tot Ion:172 Resp: 980265
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.4 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.38 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.23 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

Tgt Ion:165 Resp: 21731
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

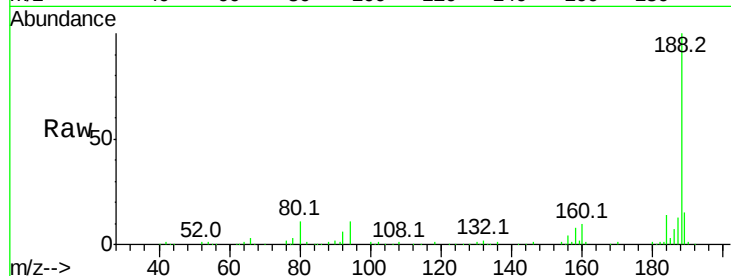




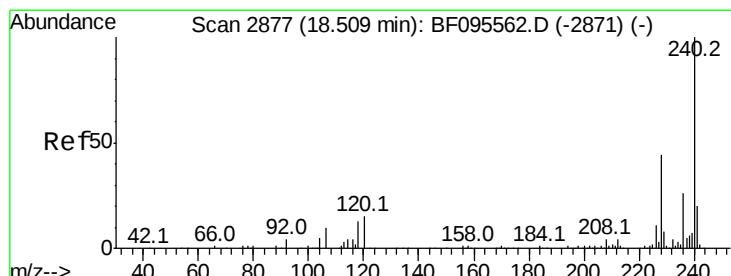
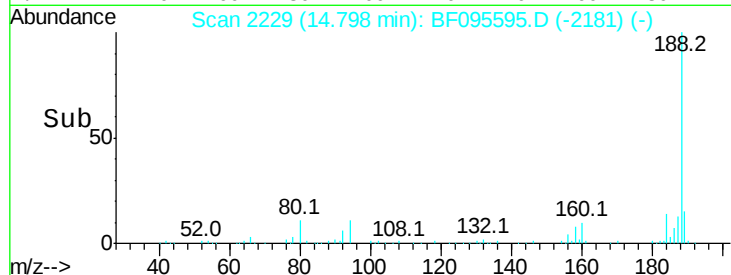
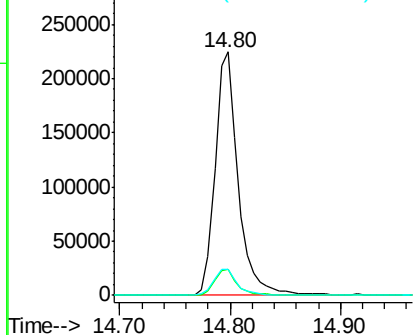
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 323922
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 10.2 15.2

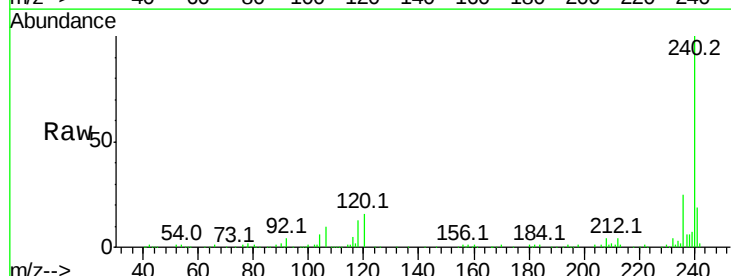


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

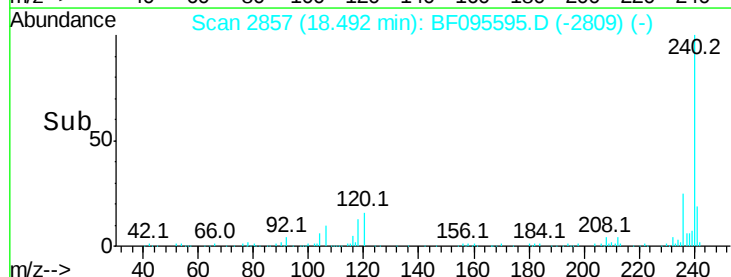
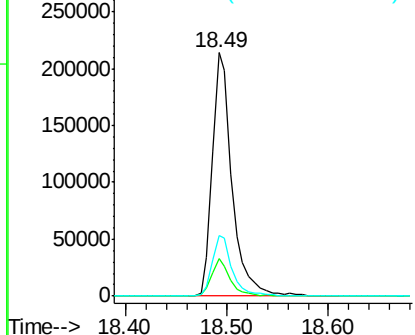


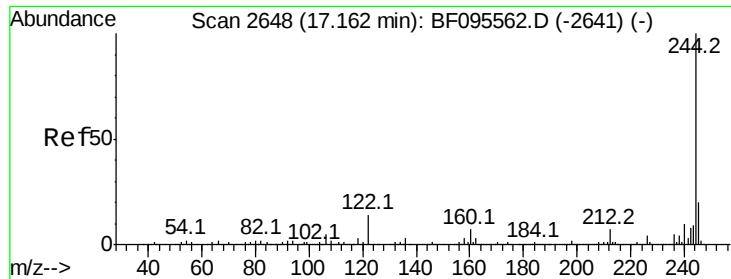
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BF095595.D
Acq: 1 Jun 2017 15:24

Tgt Ion:240 Resp: 289423
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.1 20.5 30.7



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

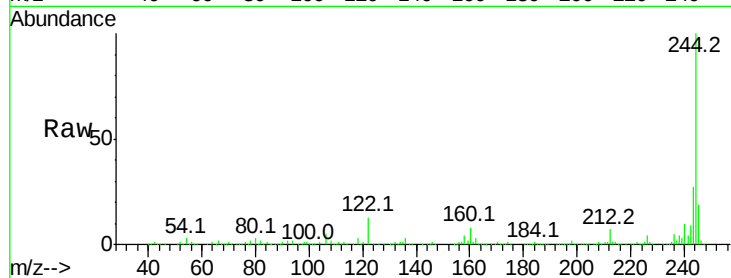




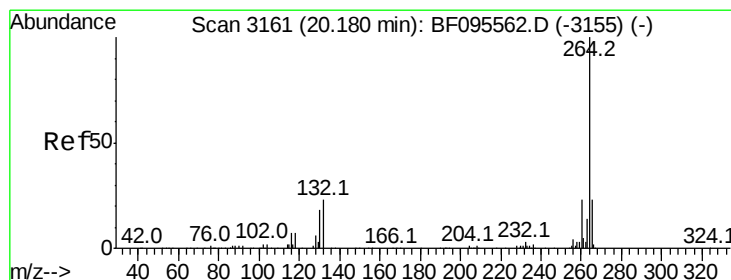
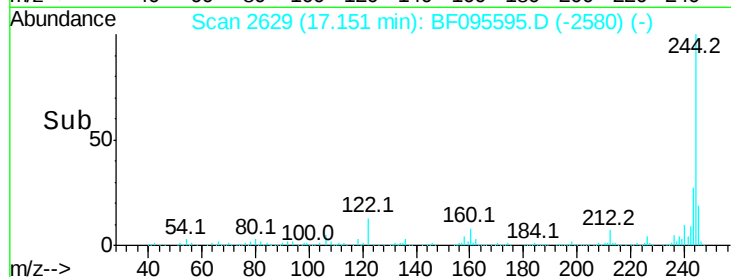
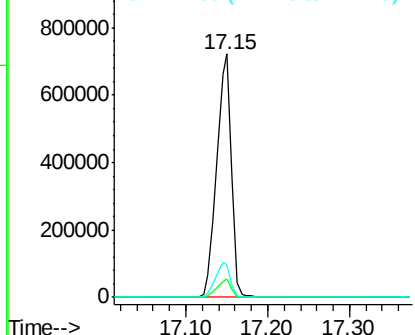
#78
 Terphenyl-d14
 Concen: 69.02 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.01 min
 Lab File: BF095595.D
 Acq: 1 Jun 2017 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 906945
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.5 10.3 15.5

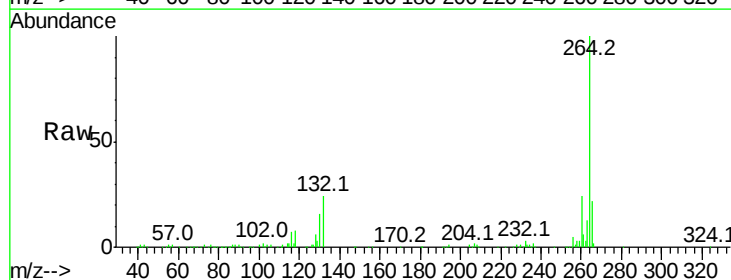


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BF095595.D
 Acq: 1 Jun 2017 15:24

Tgt Ion:264 Resp: 212193
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.6 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

