

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095597.D
 Acq On : 1 Jun 2017 16:28
 Operator : SJ/MA
 Sample : I3379-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:17:13 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

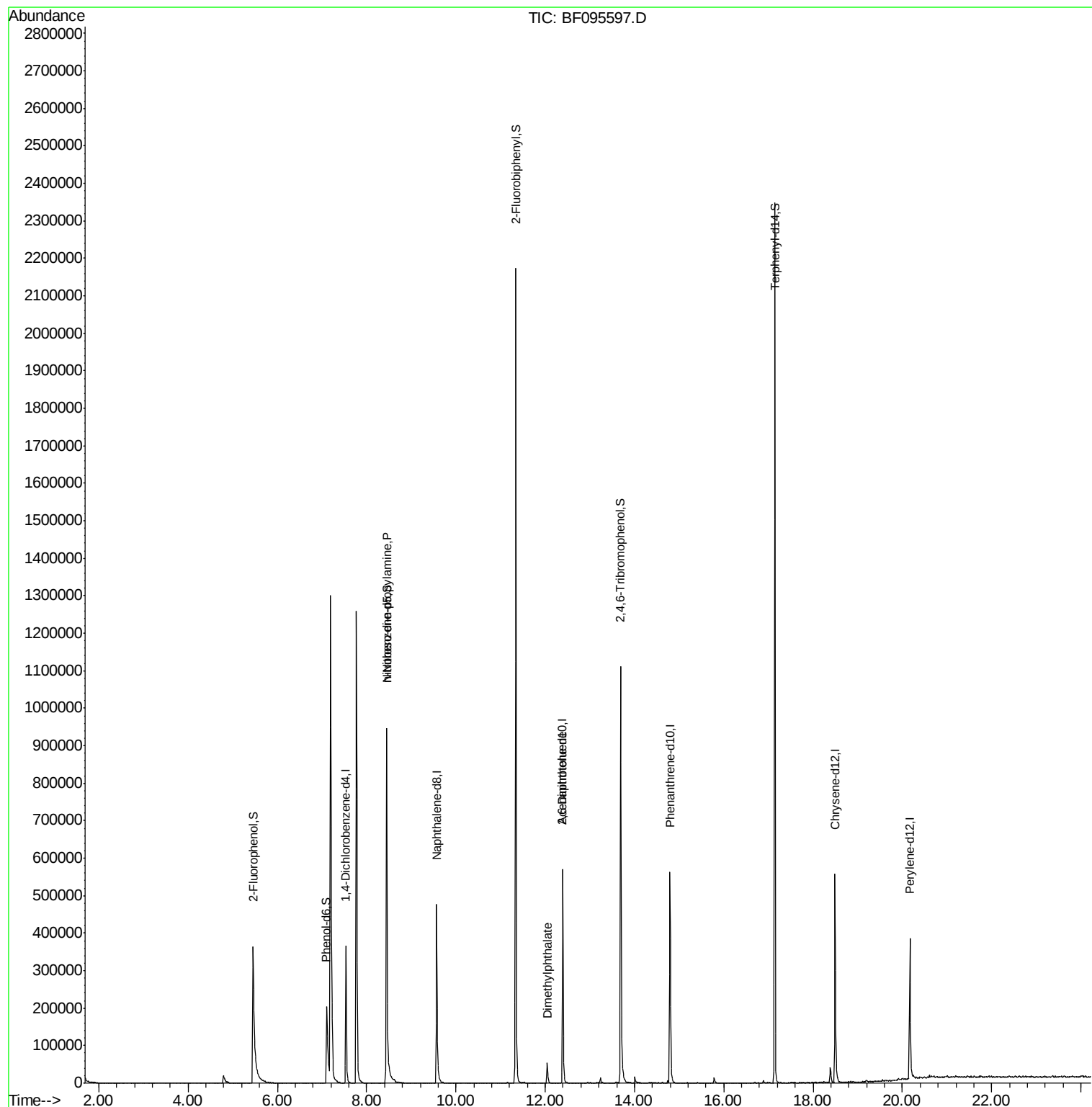
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	93618	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	384236	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	176618	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	341116	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	293311	20.00	ng	-0.02
86) Perylene-d12	20.17	264	204331	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	325454	57.96	ng	0.00
7) Phenol-d6	7.10	99	241938	35.91	ng	0.00
23) Nitrobenzene-d5	8.45	82	541785	88.91	ng	-0.02
41) 2,4,6-Tribromophenol	13.69	330	203898	140.96	ng	-0.02
44) 2-Fluorobiphenyl	11.35	172	1026694	83.67	ng	-0.02
78) Terphenyl-d14	17.15	244	968349	72.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	65678	14.41	ng	# 72
49) Dimethylphthalate	12.05	163	44971	3.10	ng	99
50) 2,6-Dinitrotoluene	12.39	165	21180	7.16	ng	# 31

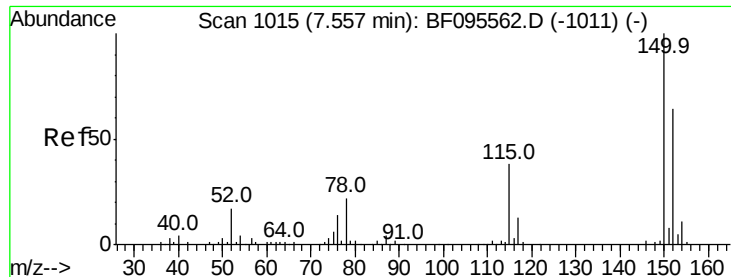
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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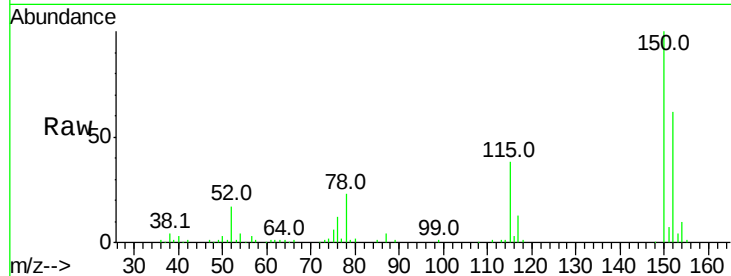


#1

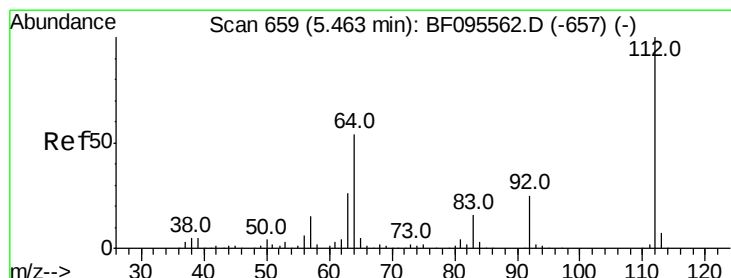
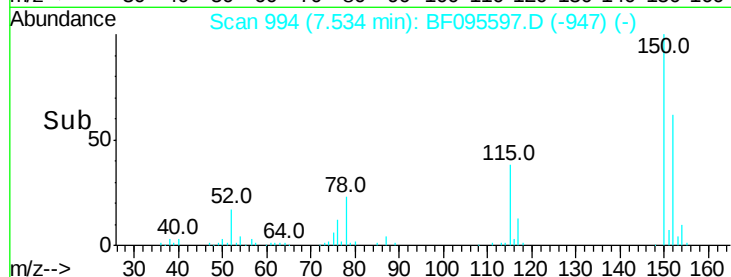
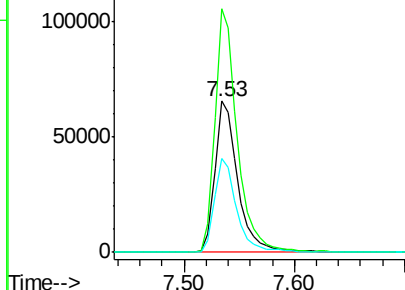
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93618
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 62.0 52.2 78.2



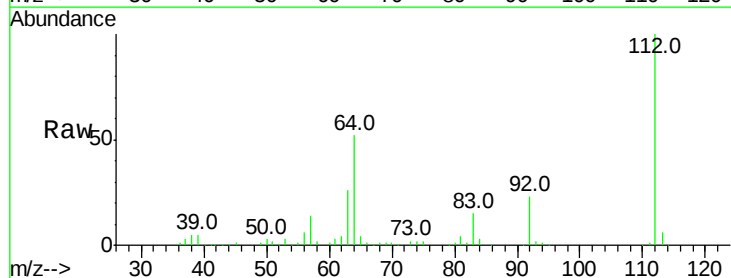
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



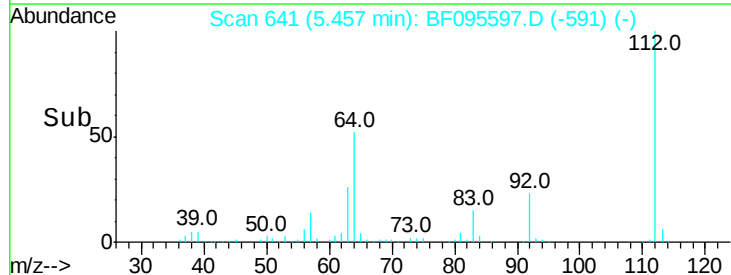
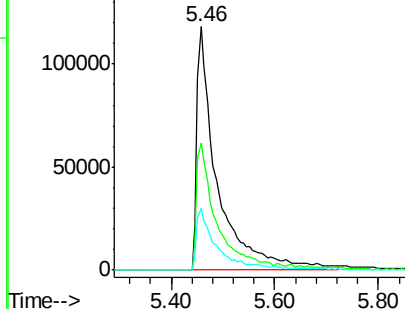
#5

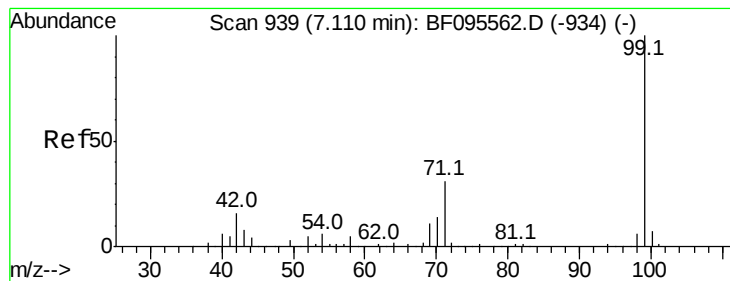
2-Fluorophenol
Concen: 57.96 ng
RT: 5.46 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Tgt Ion:112 Resp: 325454
Ion Ratio Lower Upper
112 100
64 52.1 46.0 69.0
63 25.6 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: 35.91 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA_F

ClientSampled :

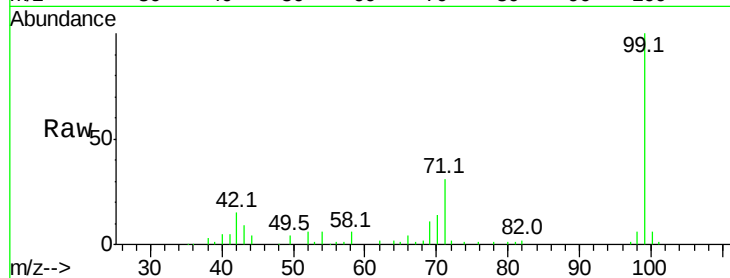
Tot Ion: 99 Resp: 241938

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

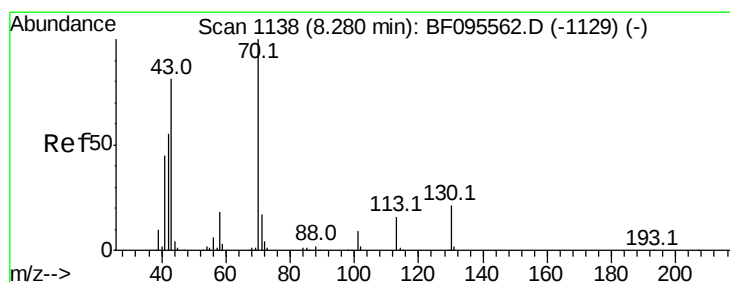
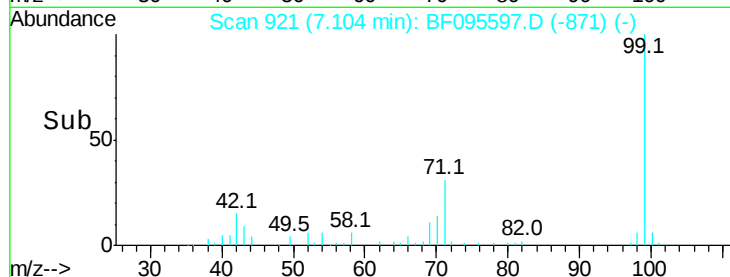
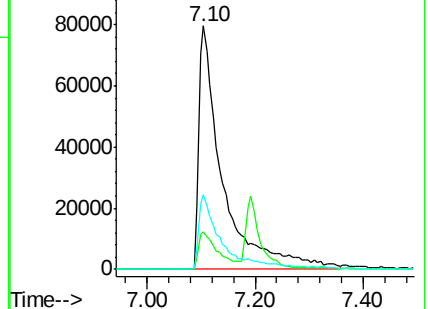
71 30.8 24.5 36.7



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: 14.41 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.17 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Tgt Ion: 70 Resp: 65678

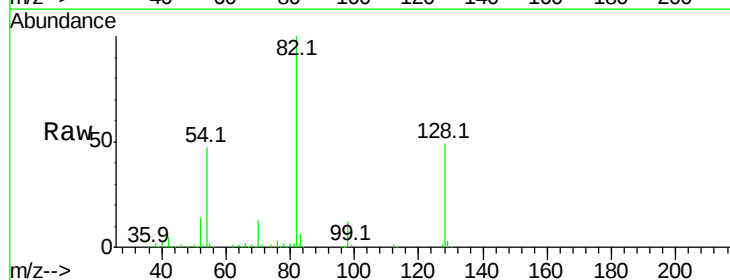
Ion Ratio Lower Upper

70 100

42 40.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

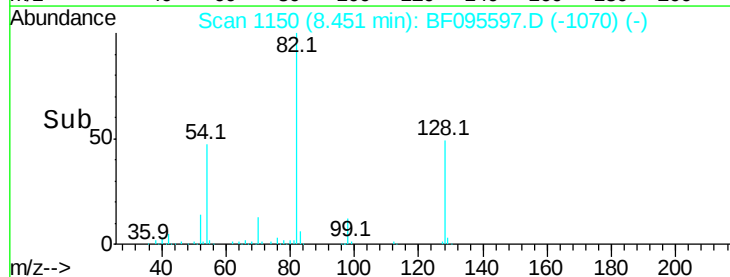
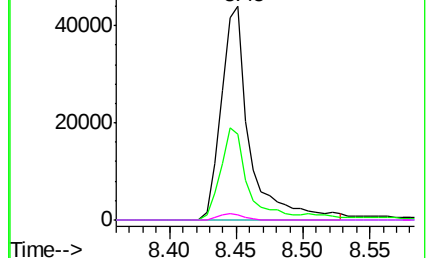


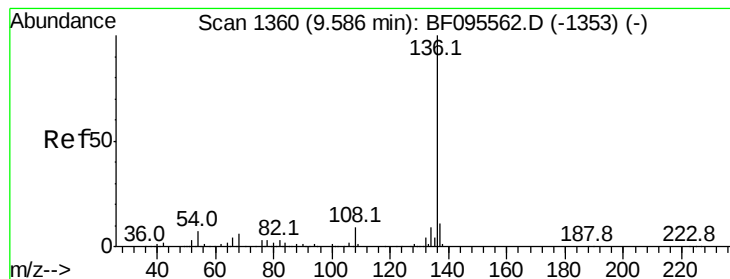
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 384236

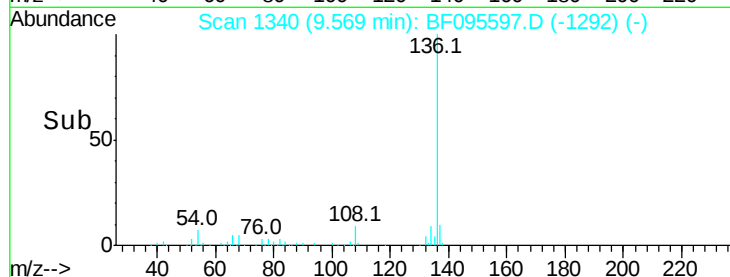
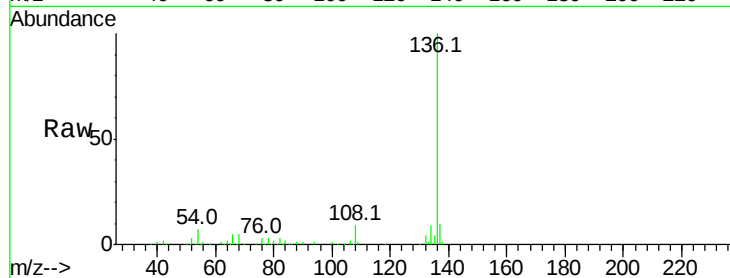
Ion Ratio Lower Upper

136 100

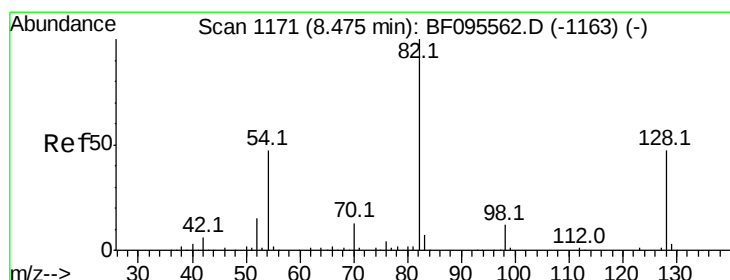
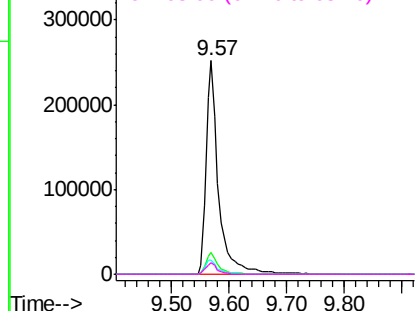
137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.2 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: 88.91 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

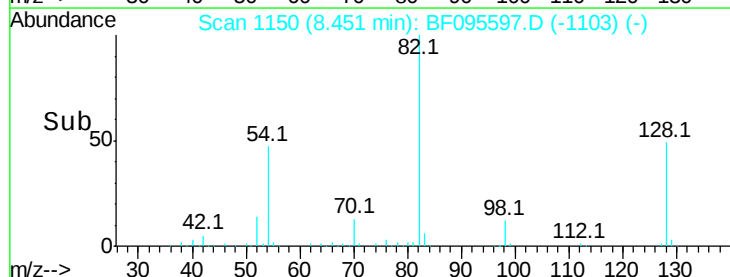
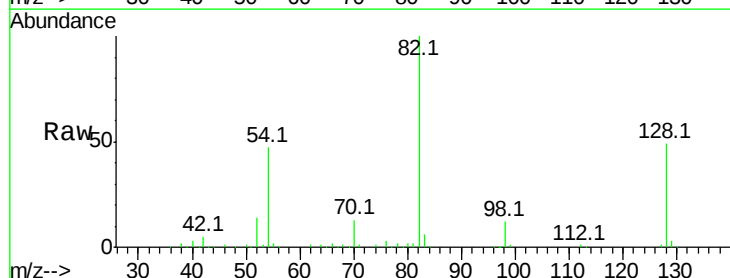
Tgt Ion: 82 Resp: 541785

Ion Ratio Lower Upper

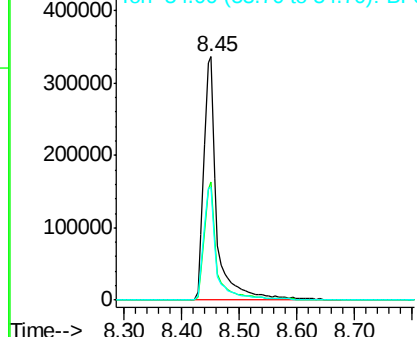
82 100

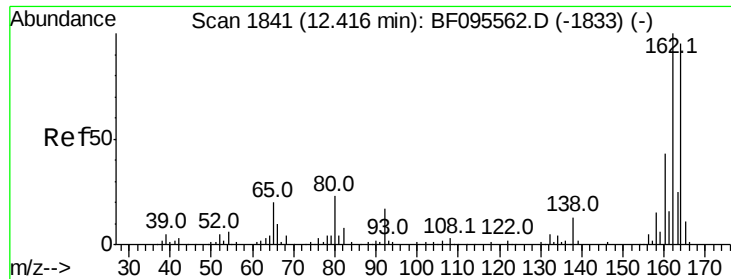
128 48.8 34.0 51.0

54 46.6 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

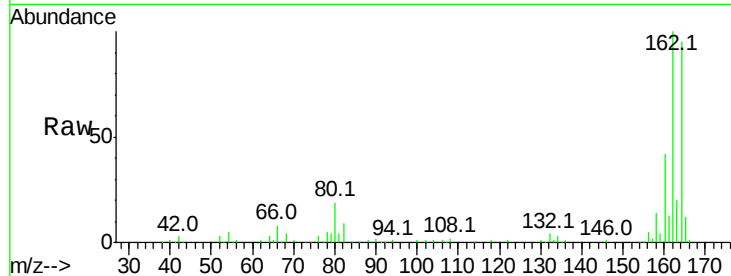




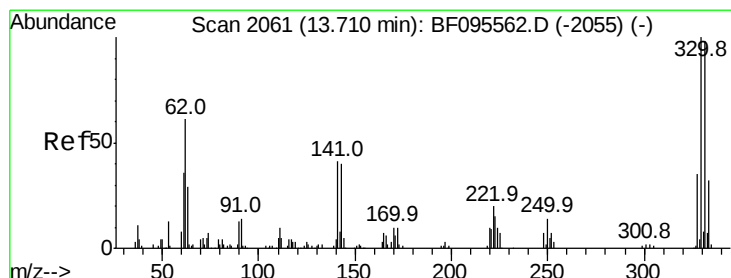
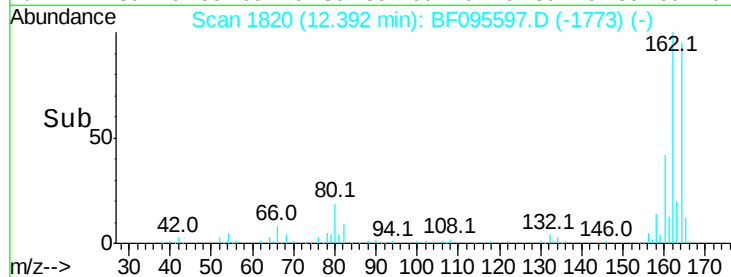
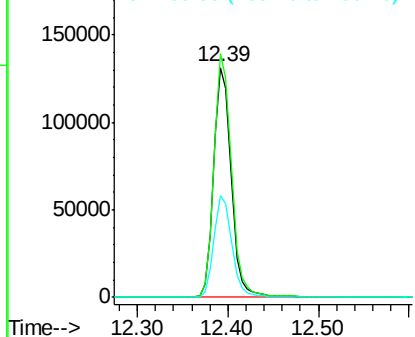
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 176618
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 44.4 36.2 54.2

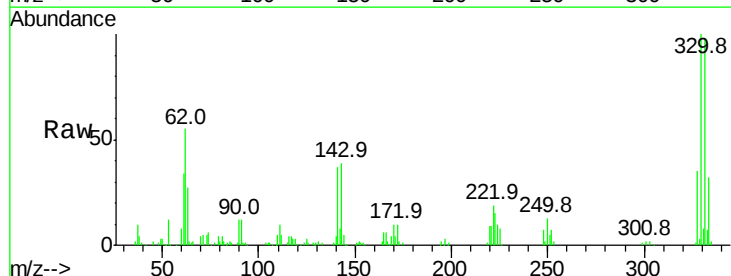


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

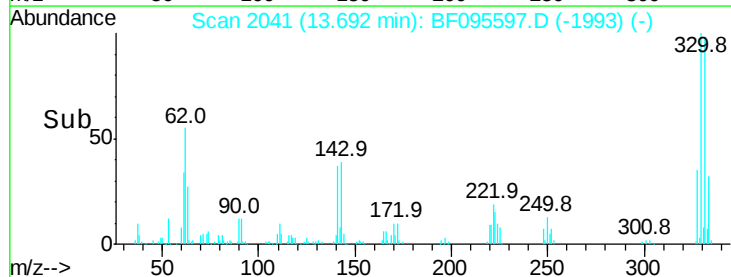
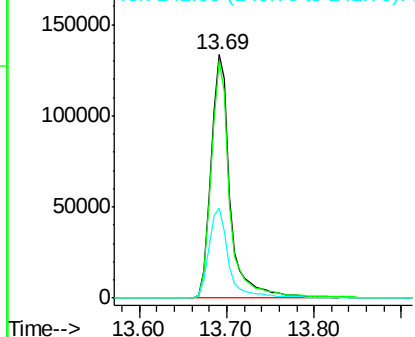


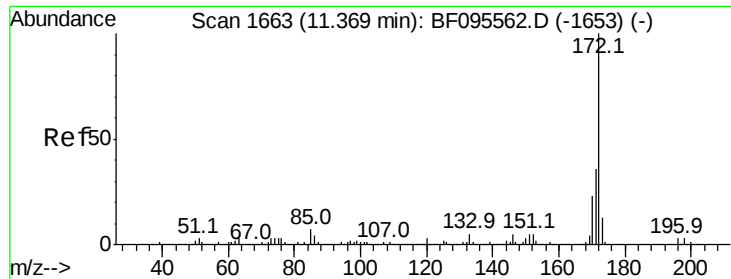
#41
2,4,6-Tribromophenol
Concen: 140.96 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Tgt Ion:330 Resp: 203898
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 38.5 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

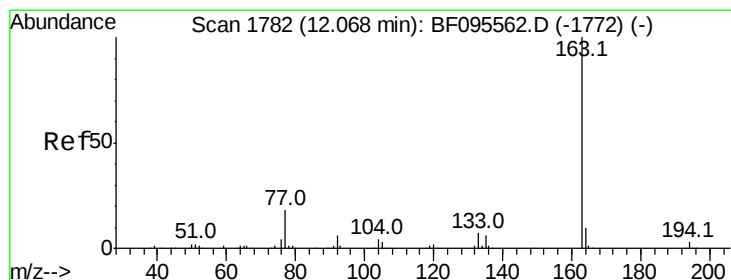
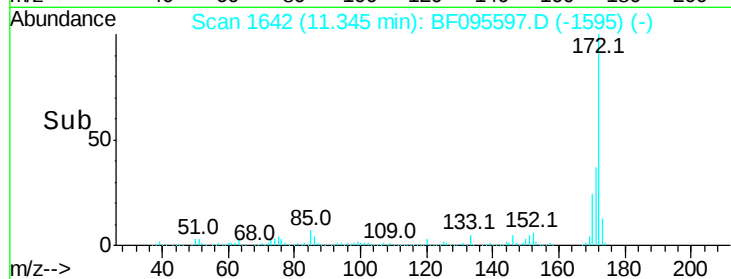
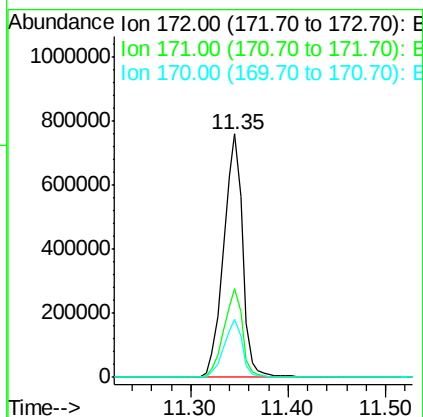
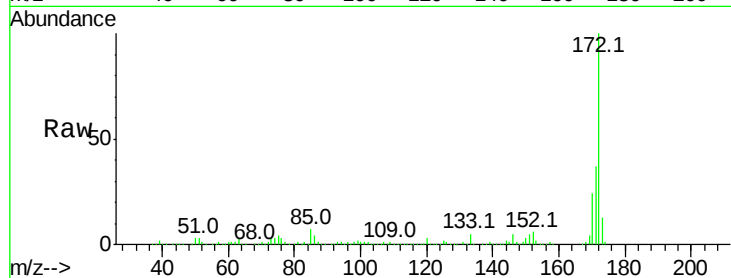




#44
2-Fluorobiphenyl
Concen: 83.67 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

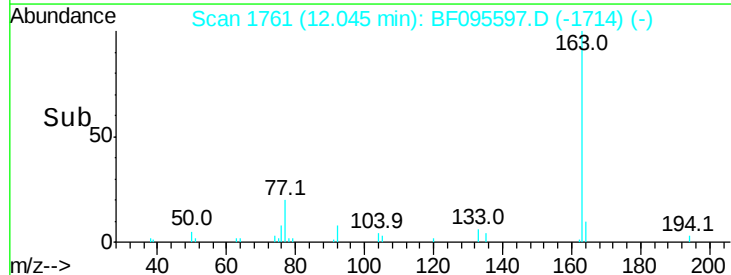
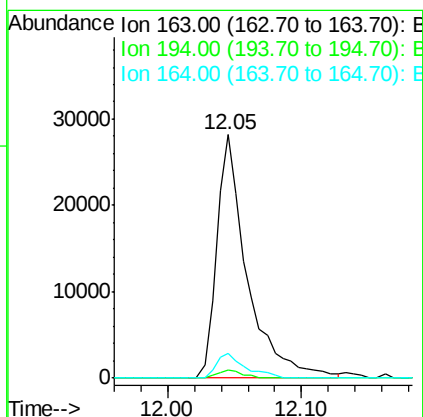
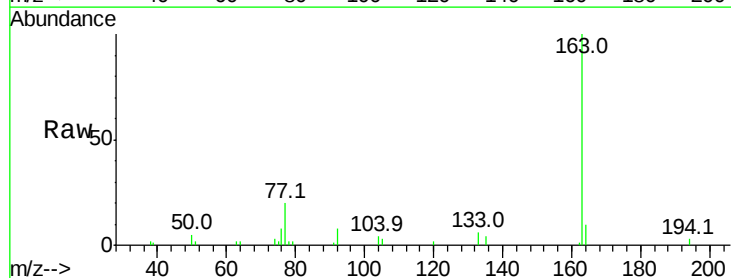
Instrument :
BNA_F
ClientSampleId :

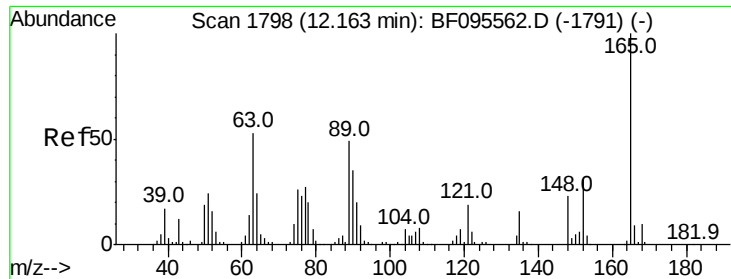
Tot Ion:172 Resp: 1026694
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 3.10 ng
RT: 12.05 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Tgt Ion:163 Resp: 44971
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6

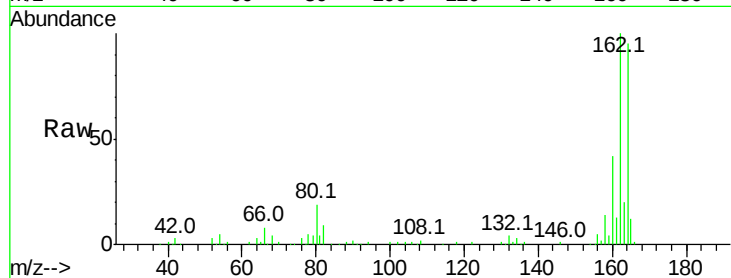




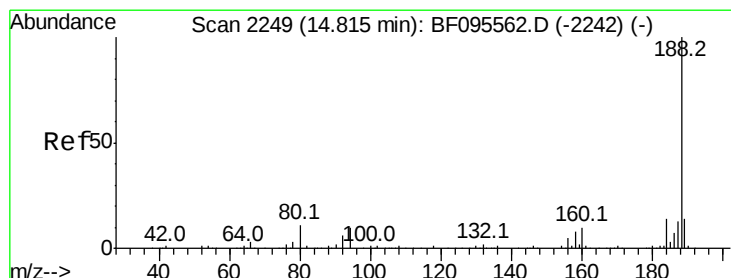
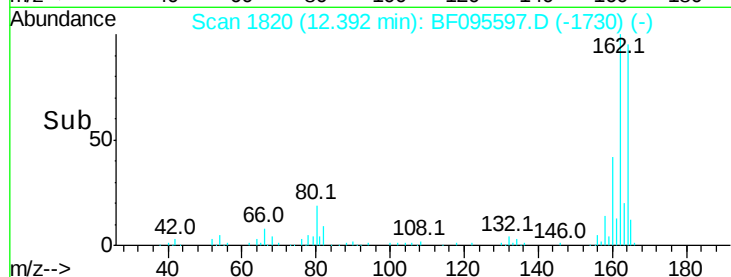
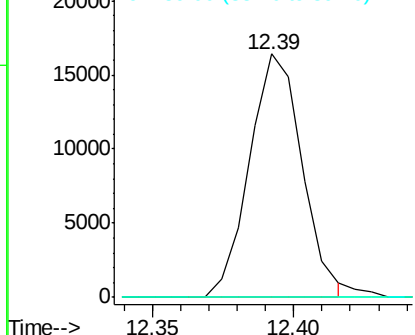
#50
 2,6-Dinitrotoluene
 Concen: 7.16 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.23 min
 Lab File: BF095597.D
 Acq: 1 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21180
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

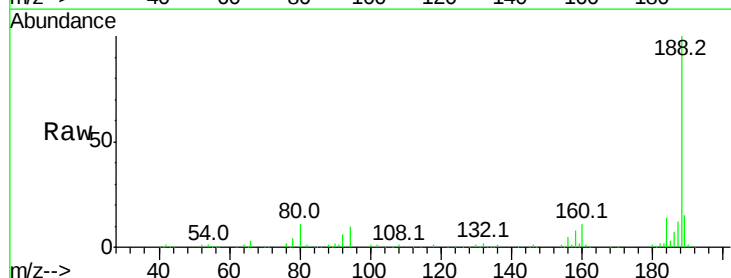


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

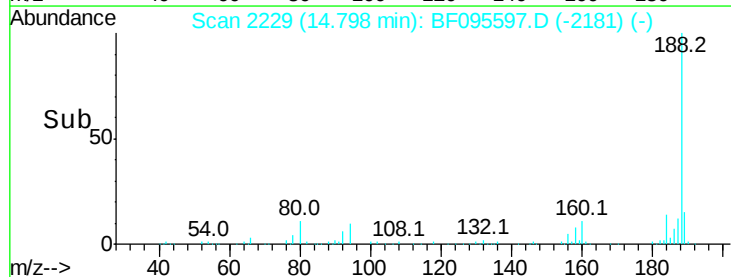
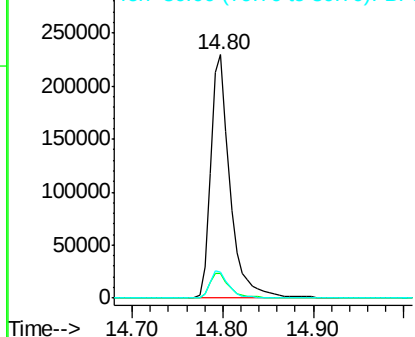


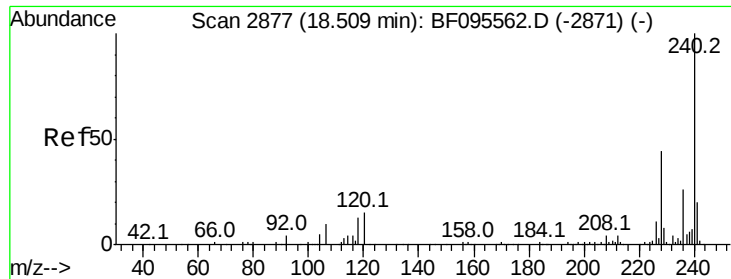
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095597.D
 Acq: 1 Jun 2017 16:28

Tgt Ion:188 Resp: 341116
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.7 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: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA_F

ClientSampleId :

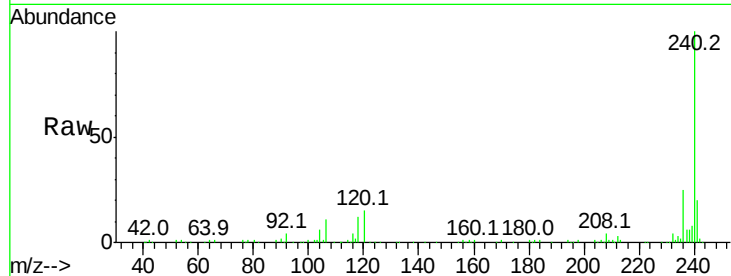
Tot Ion:240 Resp: 293311

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

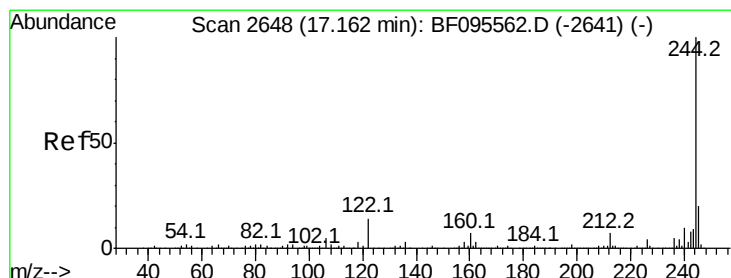
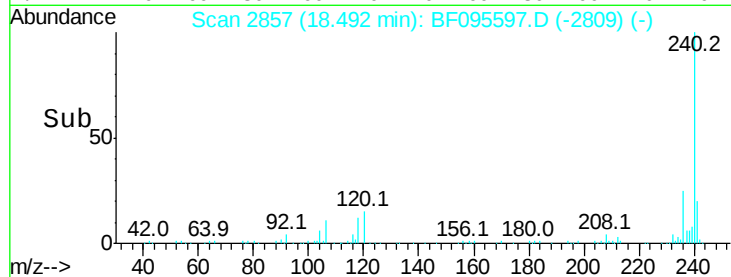
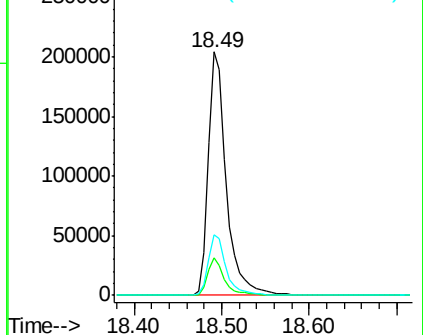
236 24.8 20.5 30.7



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: 72.72 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

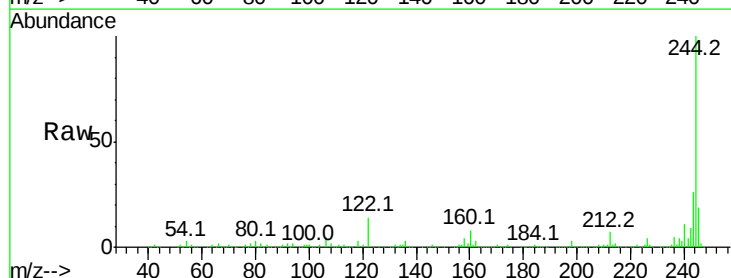
Tgt Ion:244 Resp: 968349

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

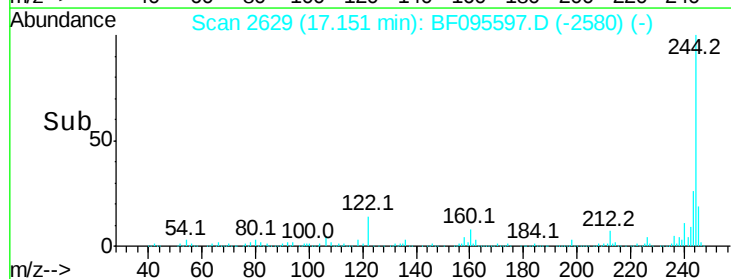
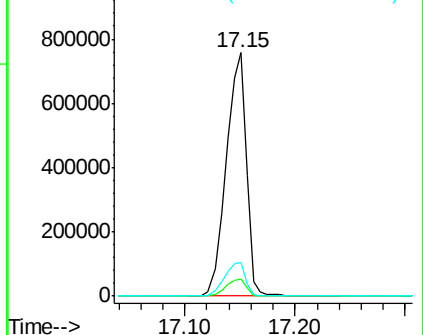
122 13.6 10.3 15.5

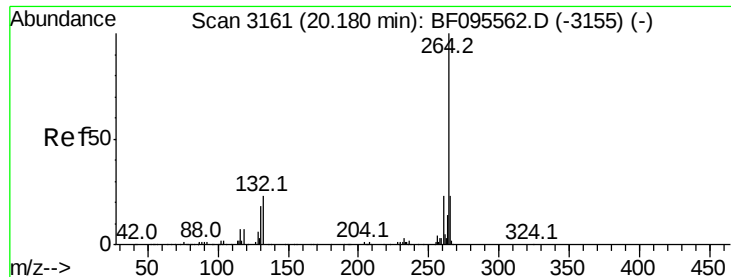


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

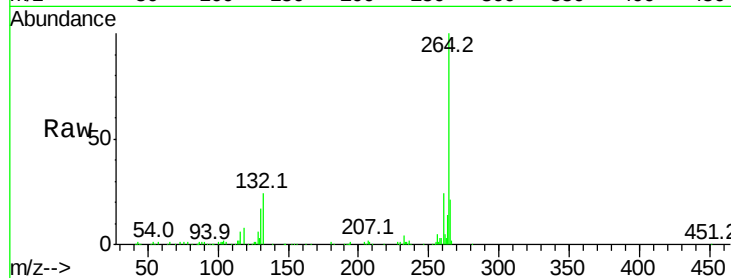




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BF095597.D
Acq: 1 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.1	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

