

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096002.D
 Acq On : 19 Jun 2017 12:57
 Operator : SJ/MA
 Sample : PB99843BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:39:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

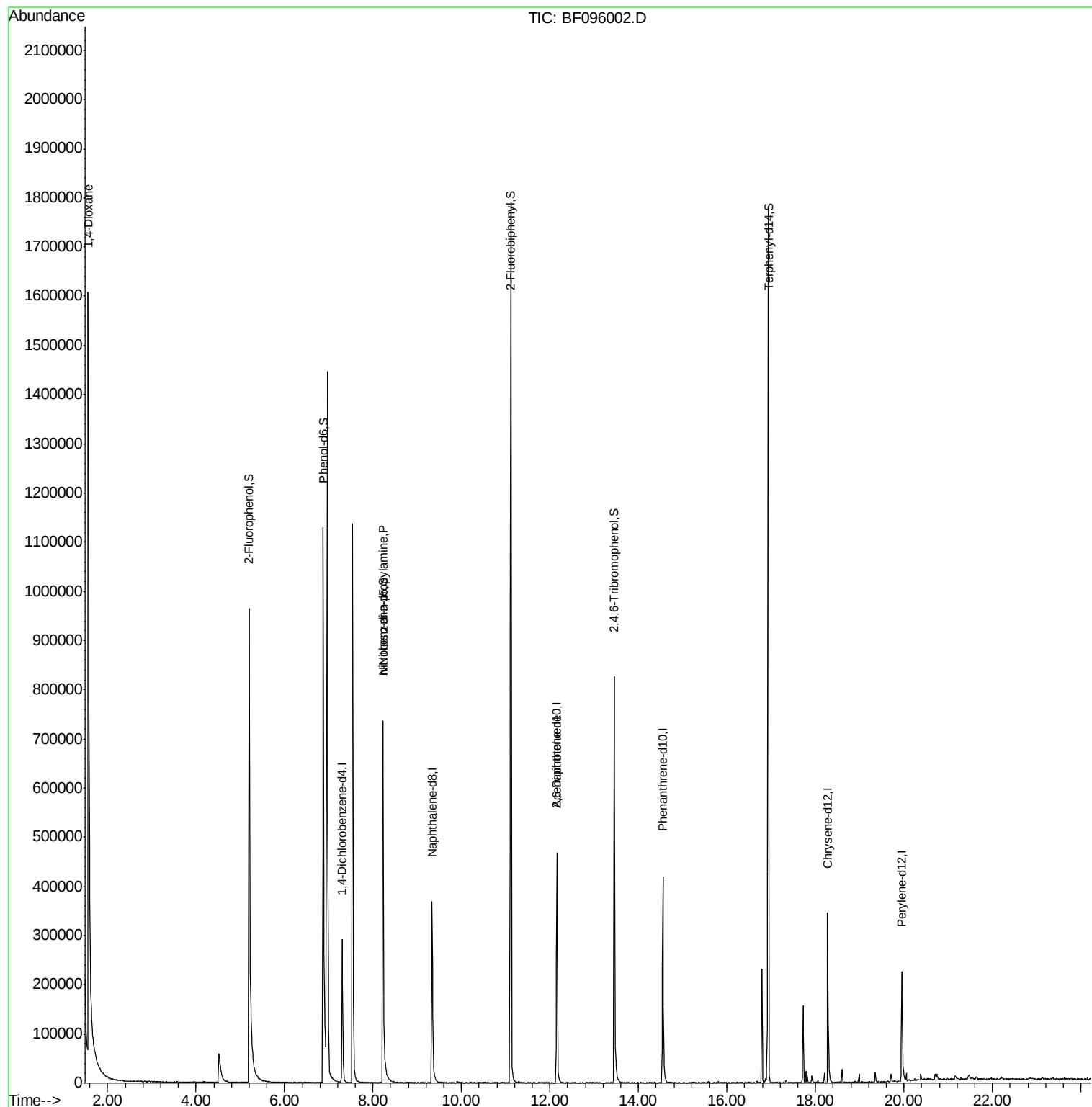
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76442	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	318084	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	147794	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	268049	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	190655	20.00	ng	-0.02
86) Perylene-d12	19.95	264	132085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	638697	133.14	ng	-0.02
7) Phenol-d6	6.87	99	758340	132.04	ng	-0.04
23) Nitrobenzene-d5	8.23	82	441671	86.23	ng	-0.02
41) 2,4,6-Tribromophenol	13.45	330	154890	118.45	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	890041	83.80	ng	-0.02
78) Terphenyl-d14	16.93	244	743925	96.84	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	77276	33.86	ng	# 21
19) n-Nitroso-di-n-propylamine	8.23	70	54175	14.88	ng	# 75
50) 2,6-Dinitrotoluene	12.16	165	18322	7.49	ng	# 31

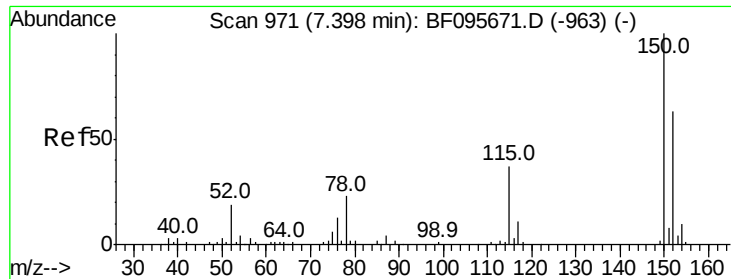
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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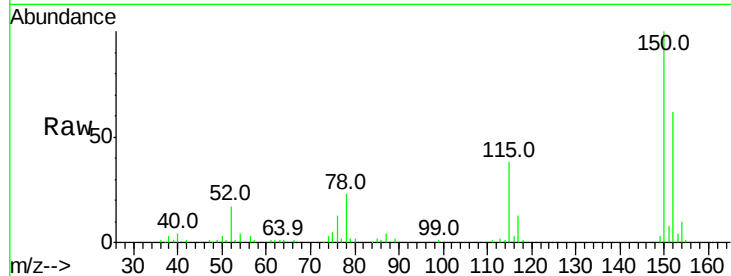


#1

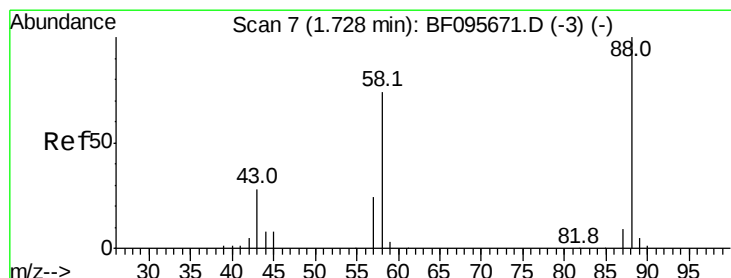
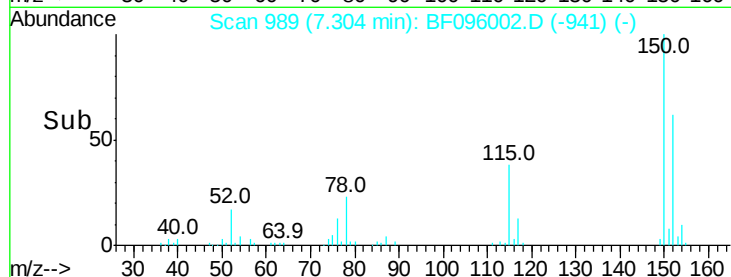
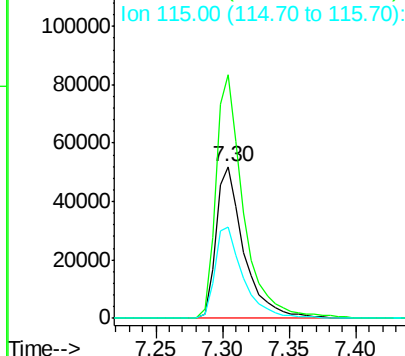
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096002.D
Acq: 19 Jun 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76442
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 60.3 52.2 78.2



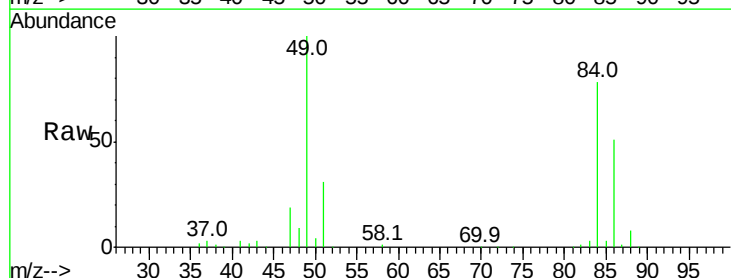
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



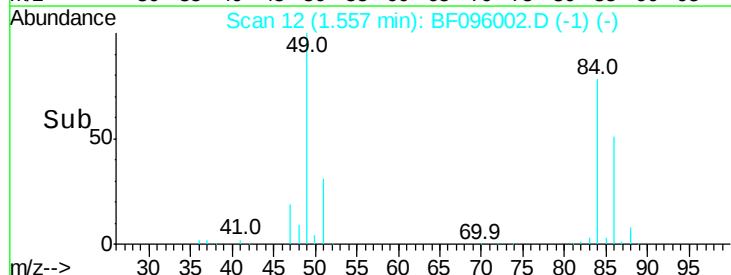
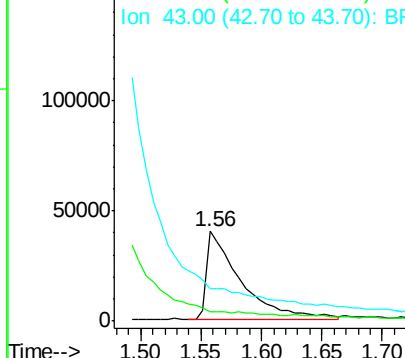
#2

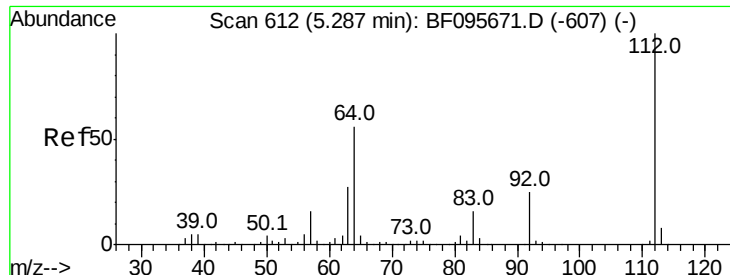
1,4-Dioxane
Concen: 33.86 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096002.D
Acq: 19 Jun 2017 12:57

Tgt Ion: 88 Resp: 77276
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 133.14 ng

RT: 5.20 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampled :

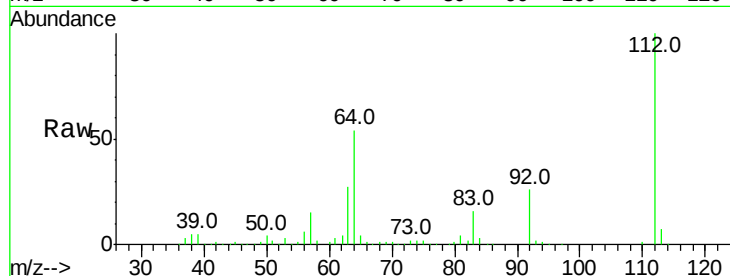
Tot Ion:112 Resp: 638697

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

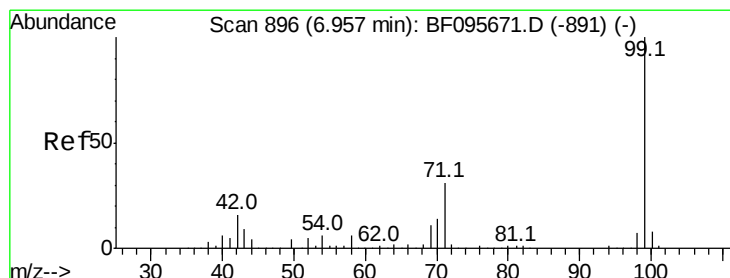
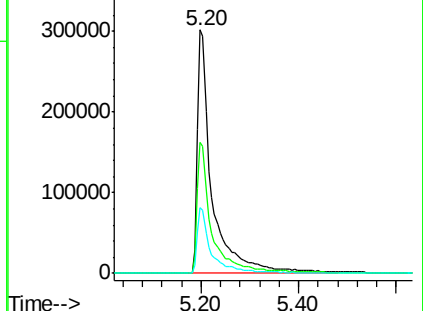
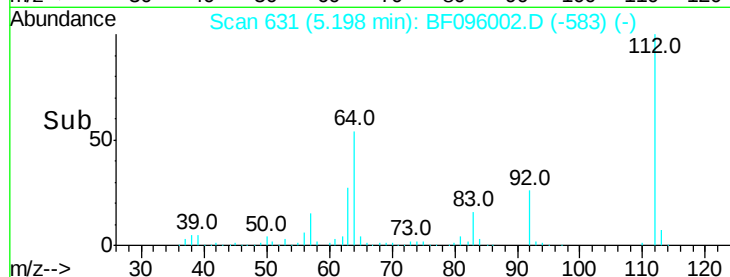
63 27.0 23.4 35.0



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: 132.04 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

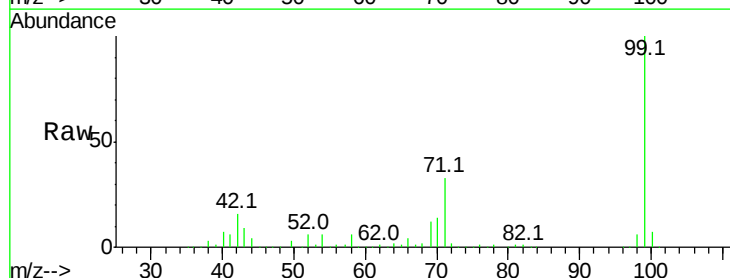
Tgt Ion: 99 Resp: 758340

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

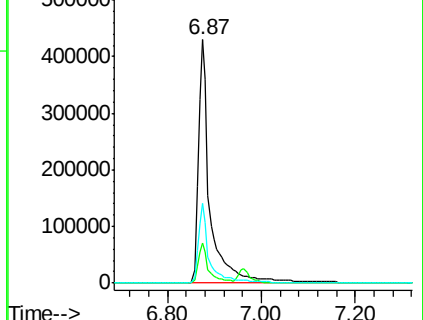
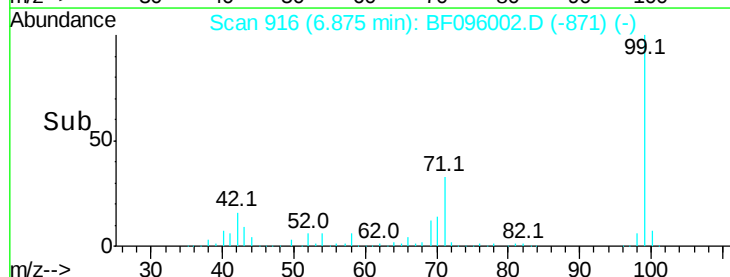
71 32.6 24.5 36.7

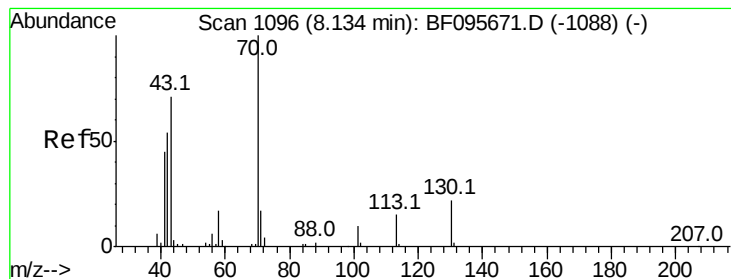


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 14.88 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.16 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 54175

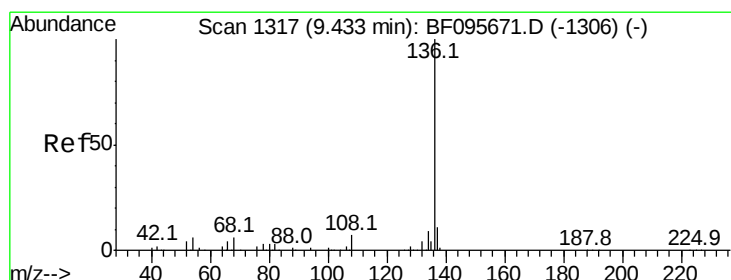
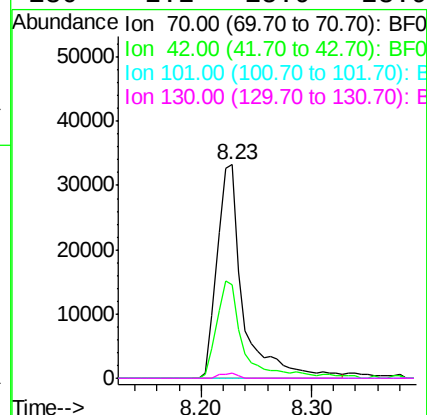
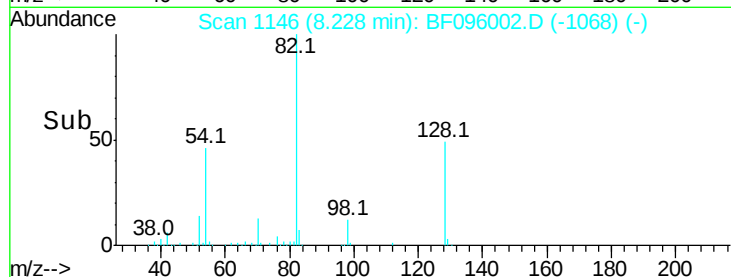
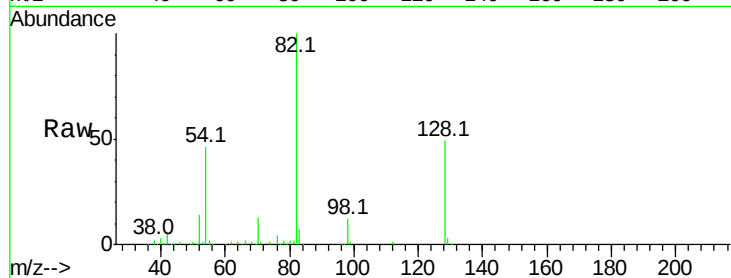
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Tgt Ion:136 Resp: 318084

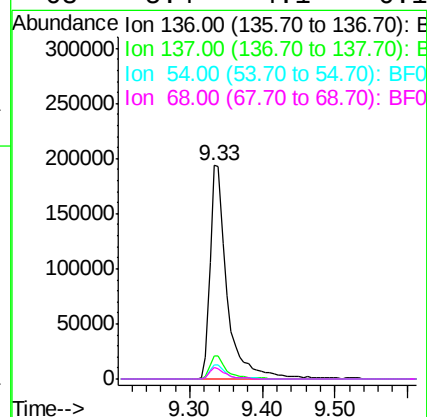
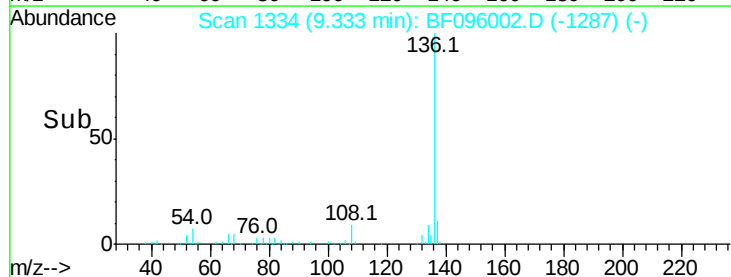
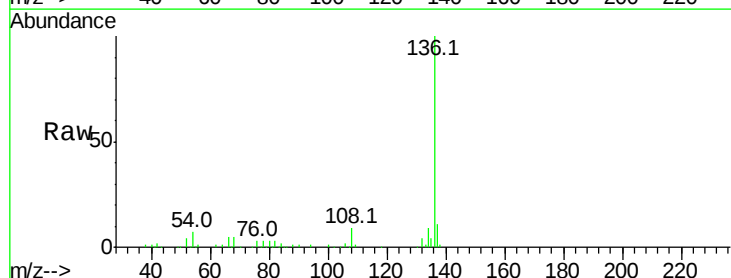
Ion Ratio Lower Upper

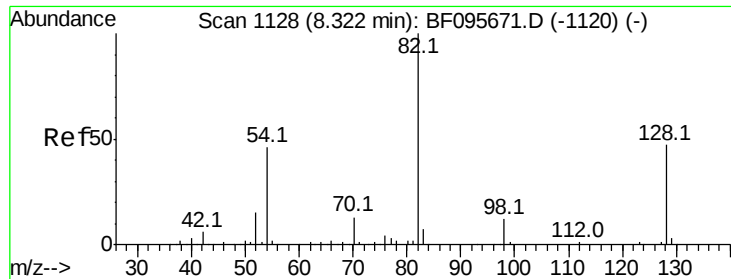
136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

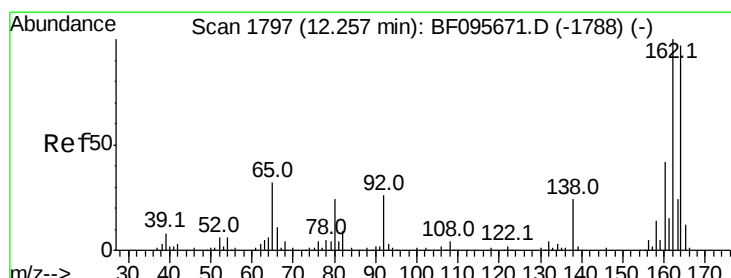
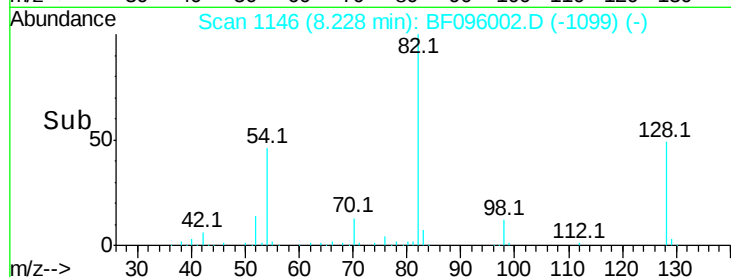
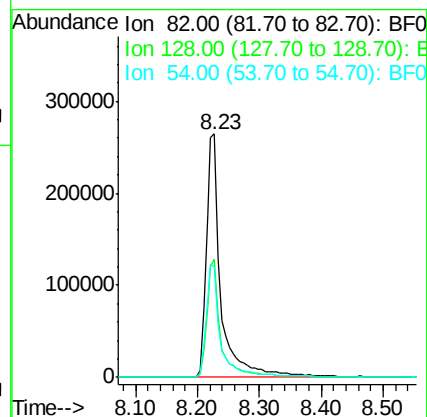
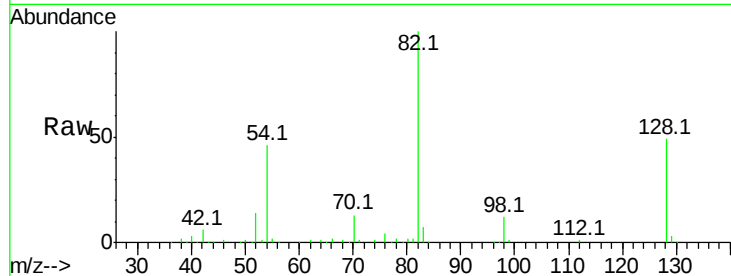




#23
 Nitrobenzene-d5
 Concen: 86.23 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

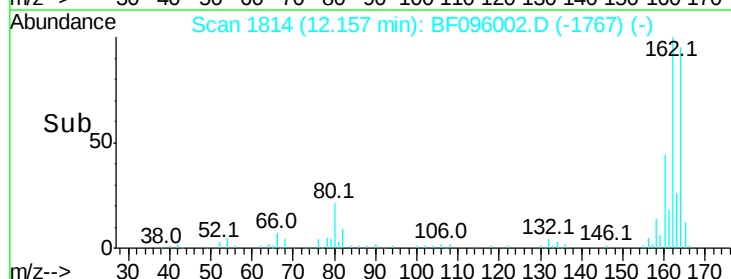
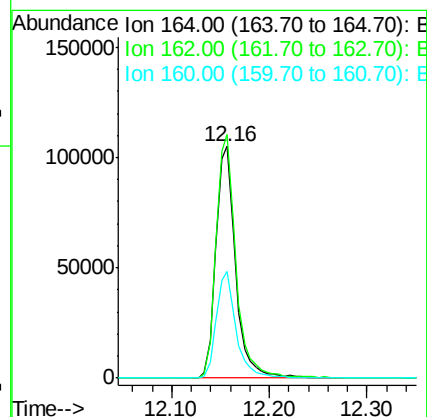
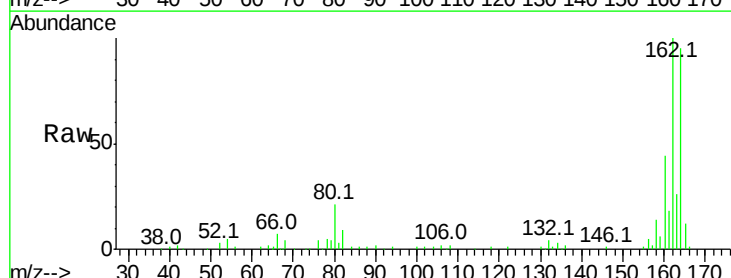
Instrument :
 BNA_F
 ClientSampleId :

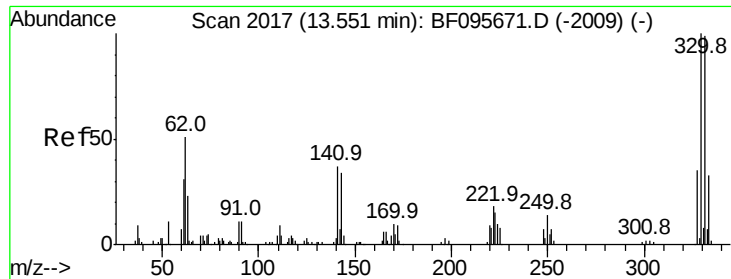
Tot Ion: 82 Resp: 441671
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 45.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Tgt Ion:164 Resp: 147794
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 46.1 36.2 54.2

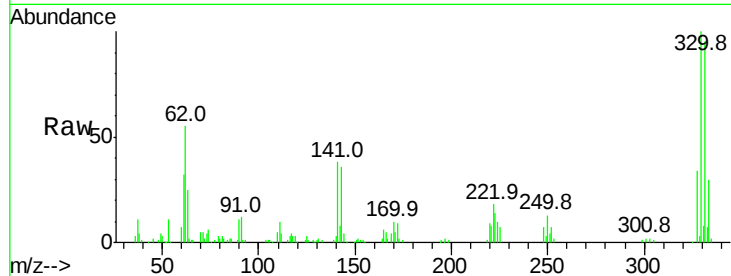




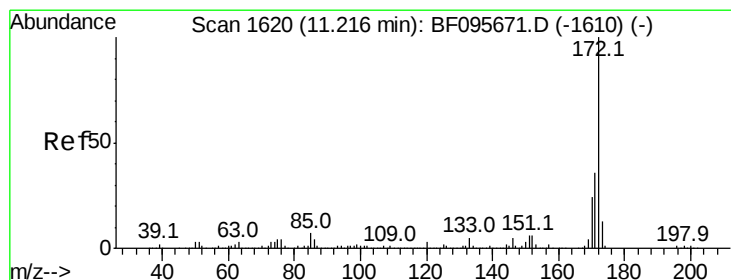
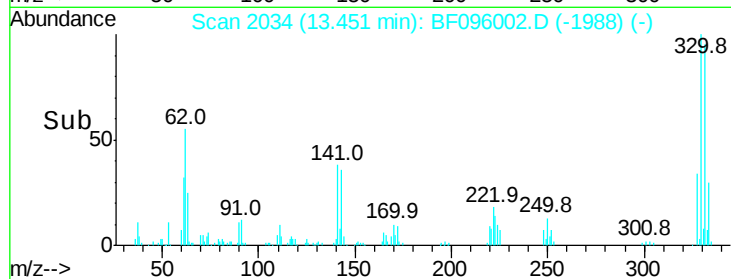
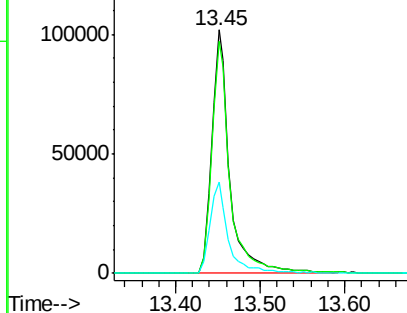
#41
 2,4,6-Tribromophenol
 Concen: 118.45 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154890
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.6 31.4 47.2

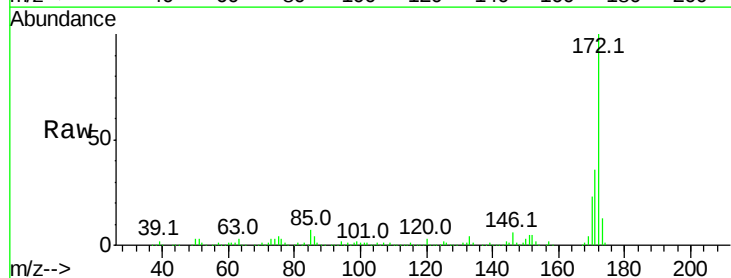


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

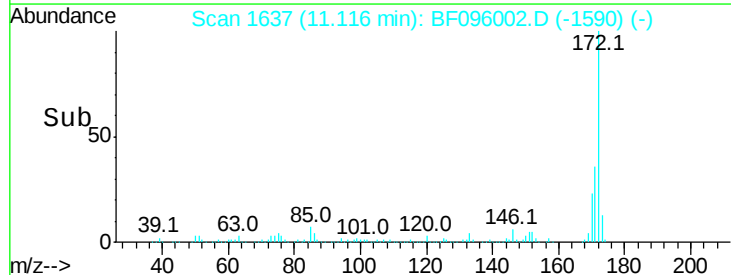
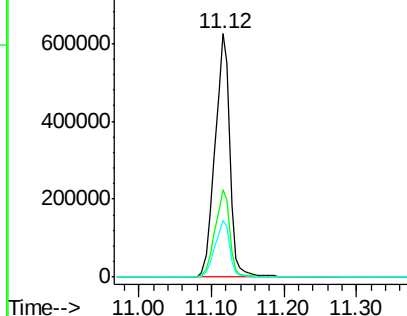


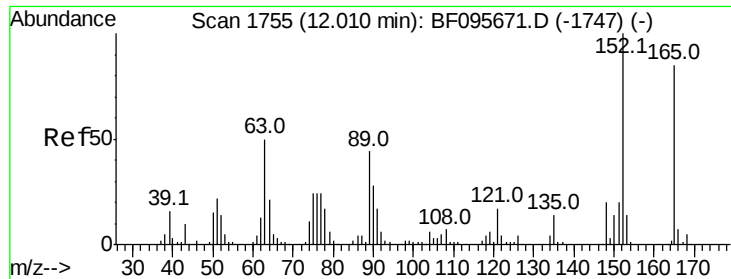
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Tgt Ion:172 Resp: 890041
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

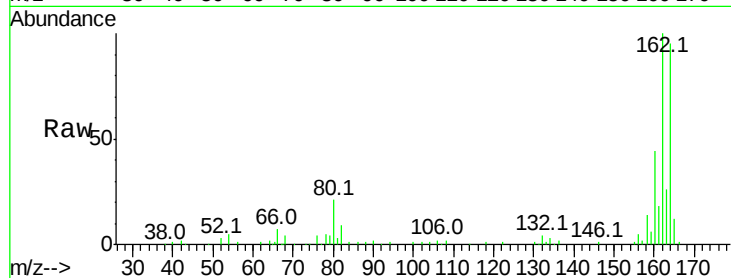




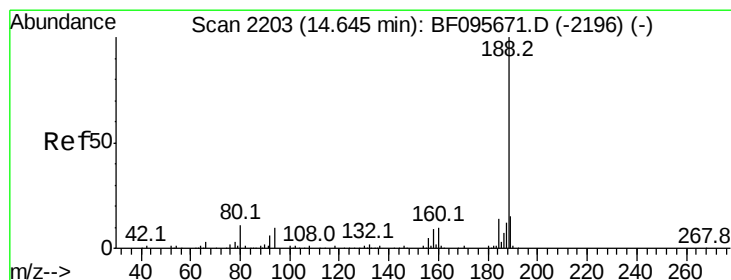
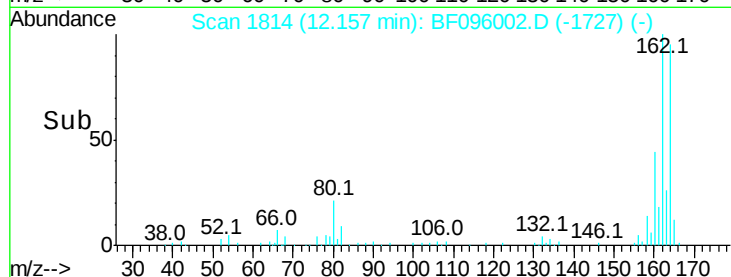
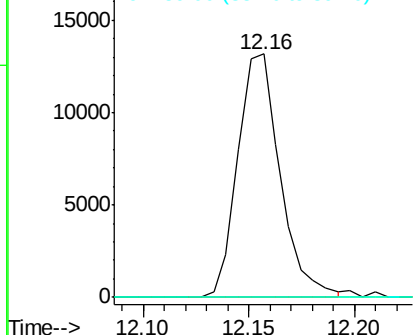
#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. 0.21 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18322
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

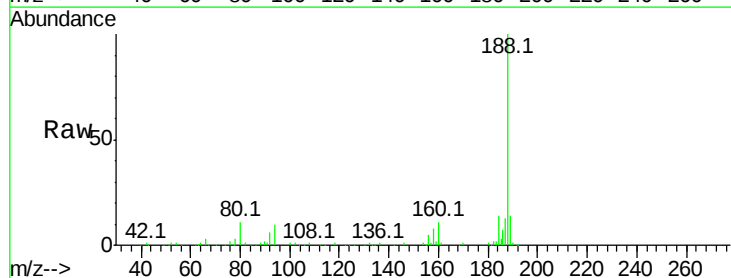


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

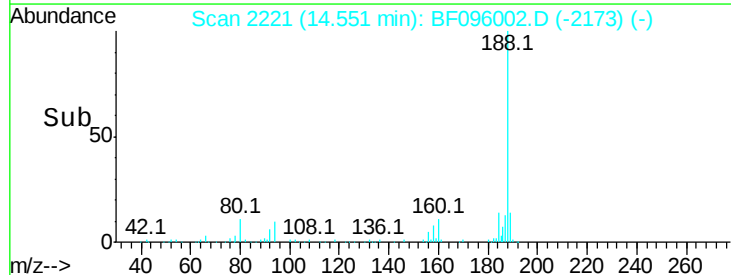
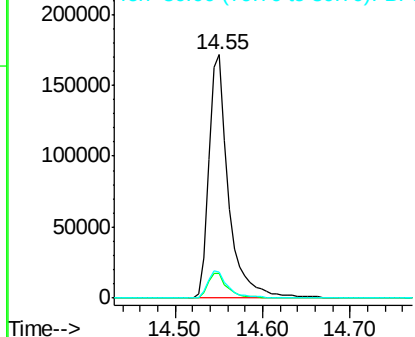


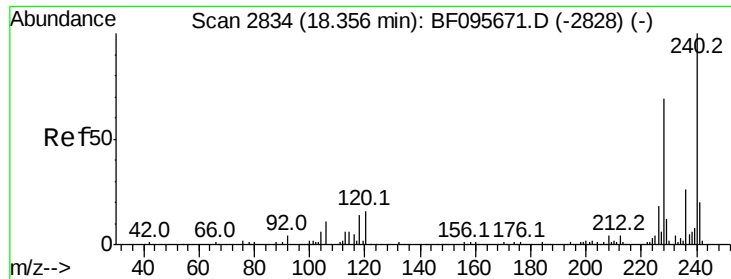
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Tgt Ion:188 Resp: 268049
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.6 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: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampleId :

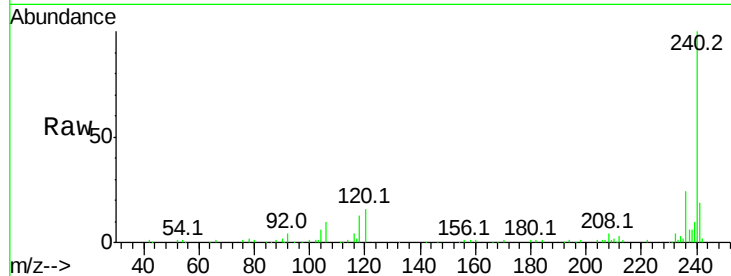
Tot Ion:240 Resp: 190655

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

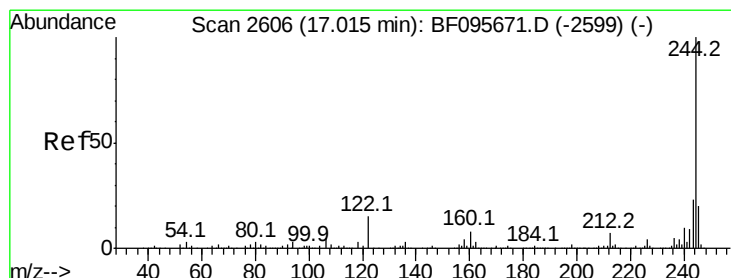
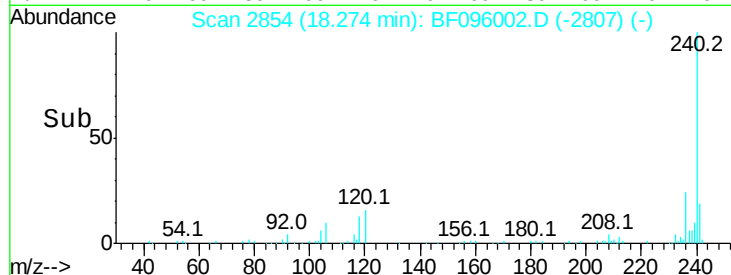
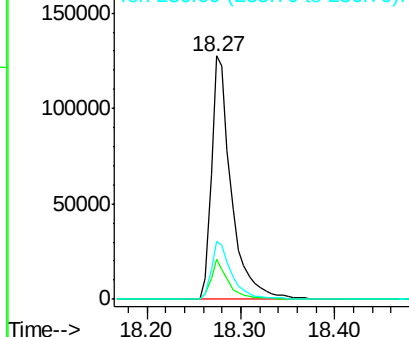
236 23.6 20.5 30.7



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: 96.84 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

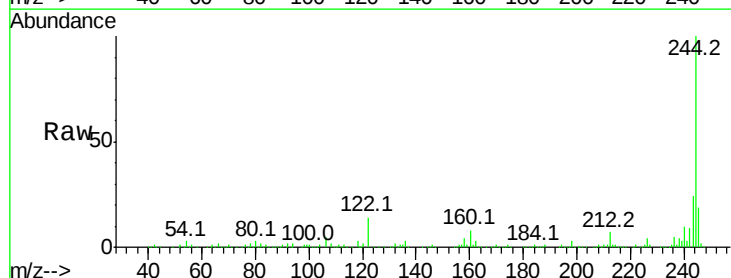
Tgt Ion:244 Resp: 743925

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

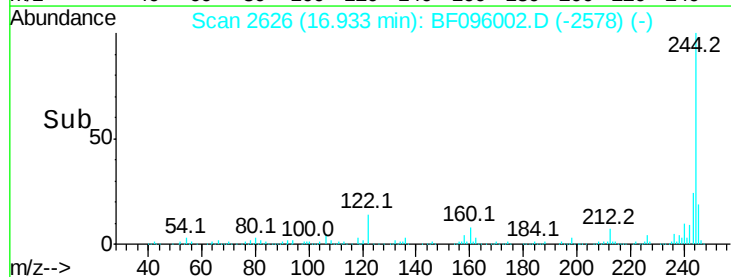
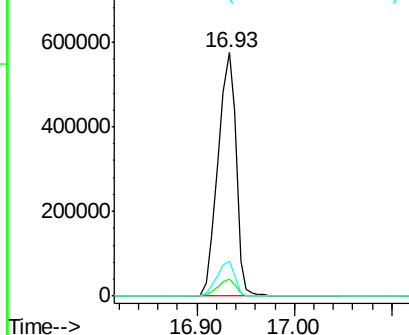
122 14.4 10.3 15.5

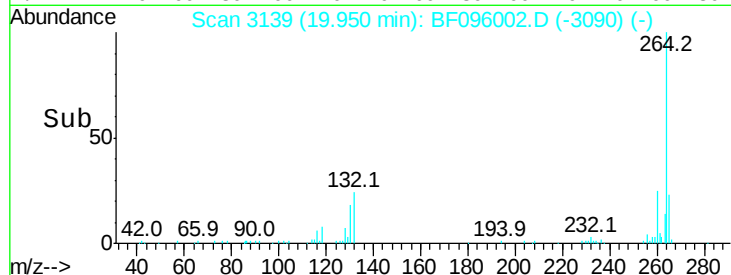
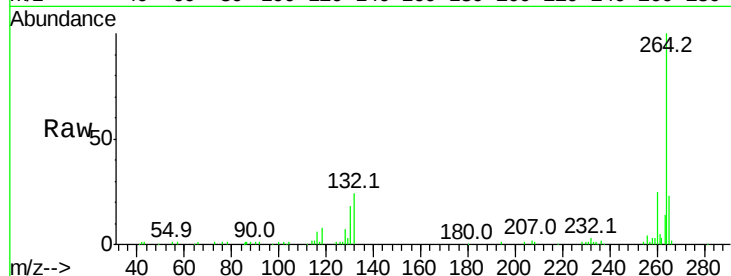
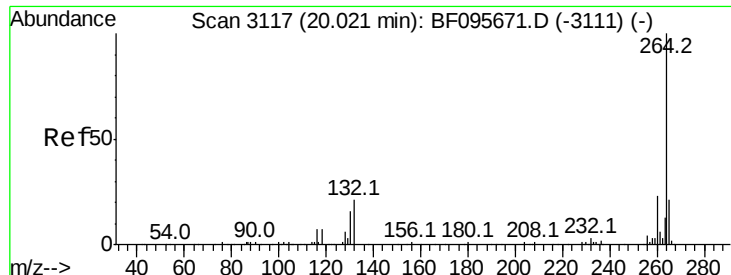


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	132085
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	22.8	17.2	25.8

