

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096069.D
 Acq On : 21 Jun 2017 6:12
 Operator : SJ/MA
 Sample : I3722-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 07:00:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

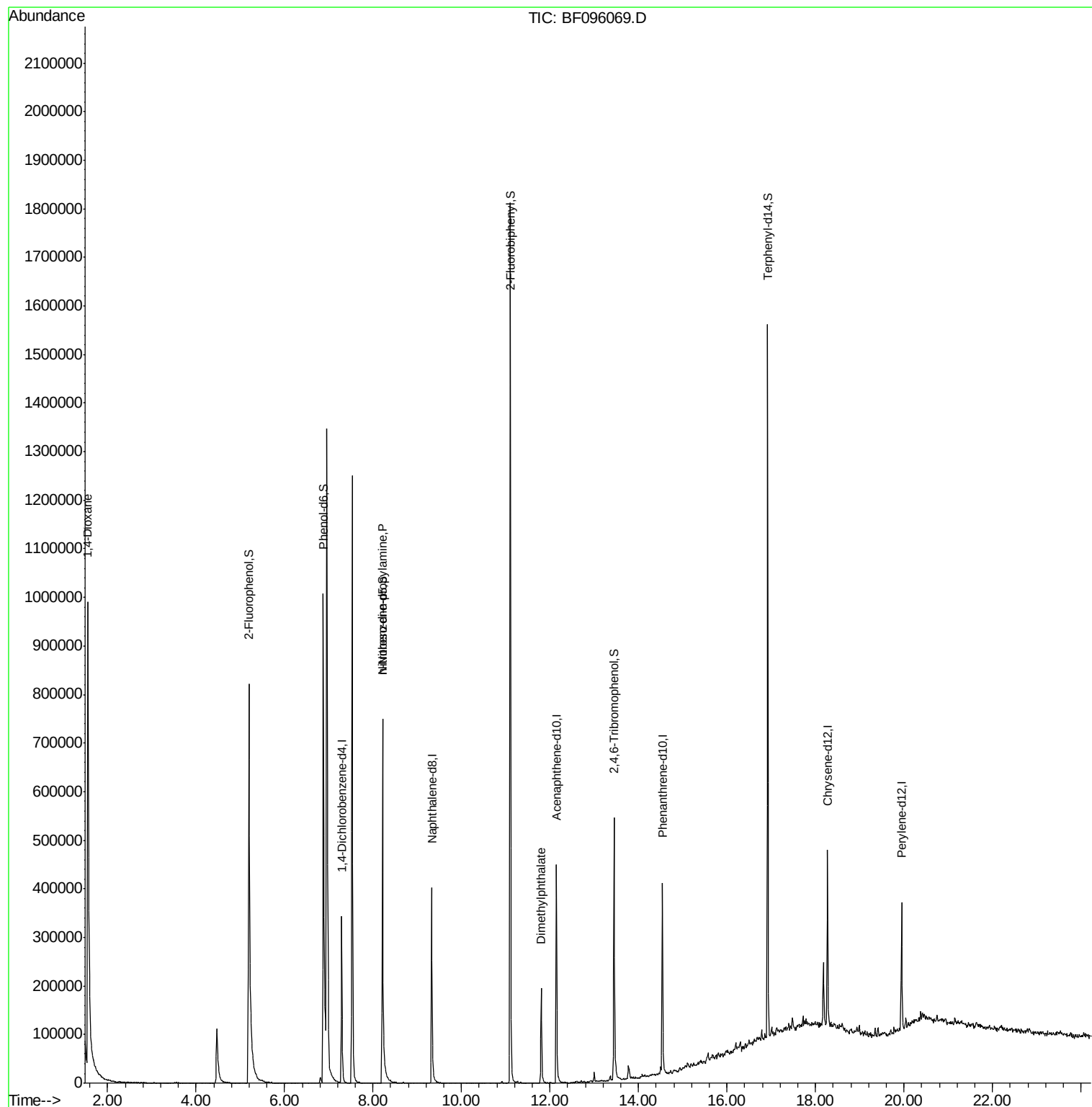
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	84799	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	331851	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	131659	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	204863	20.00	ng	0.00
75) Chrysene-d12	18.27	240	159071	20.00	ng	0.00
86) Perylene-d12	19.94	264	112595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	610893	114.79	ng	0.01
7) Phenol-d6	6.87	99	743326	116.67	ng	0.00
23) Nitrobenzene-d5	8.22	82	440914	82.52	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	105432	90.51	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	832018	87.94	ng	0.00
78) Terphenyl-d14	16.92	244	584780	91.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	47187	18.64	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	54525	13.50	ng	# 73
49) Dimethylphthalate	11.80	163	139751	13.98	ng	99

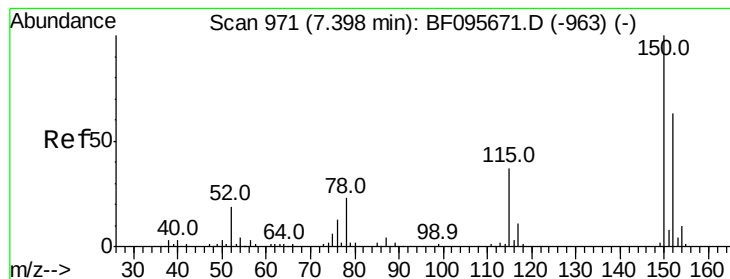
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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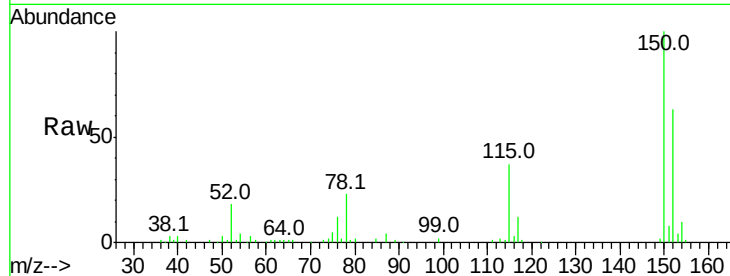


#1

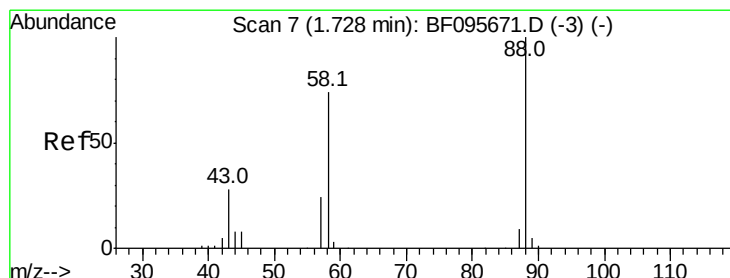
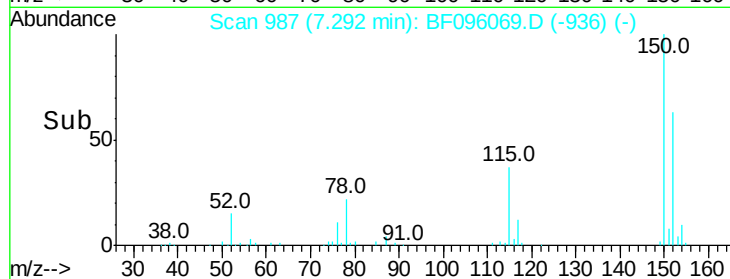
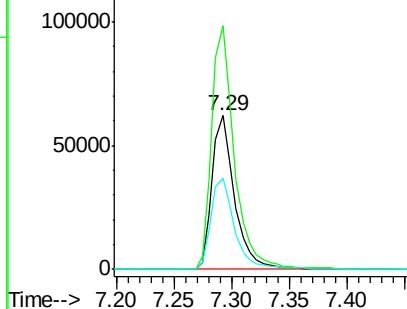
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096069.D
Acq: 21 Jun 2017 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84799
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.2 52.2 78.2



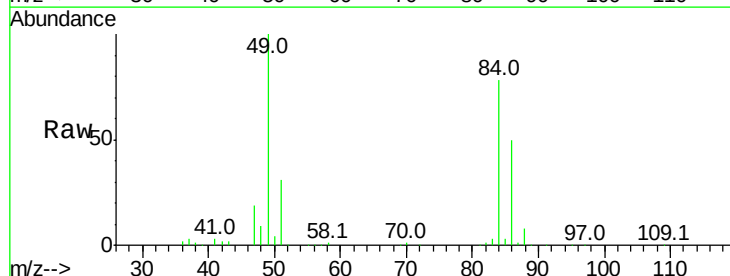
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



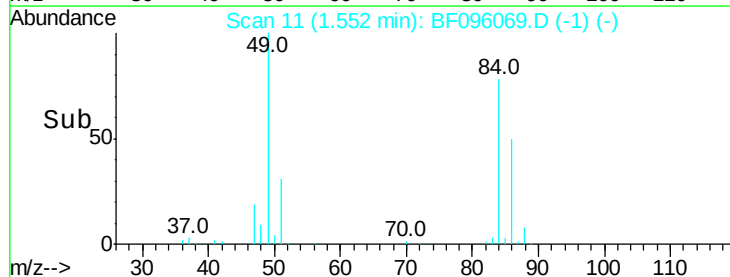
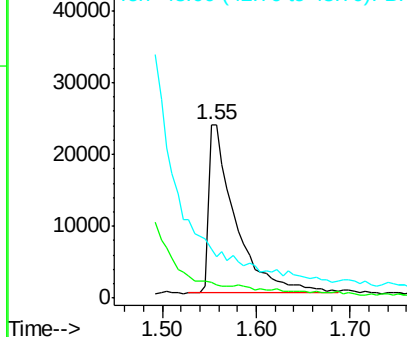
#2

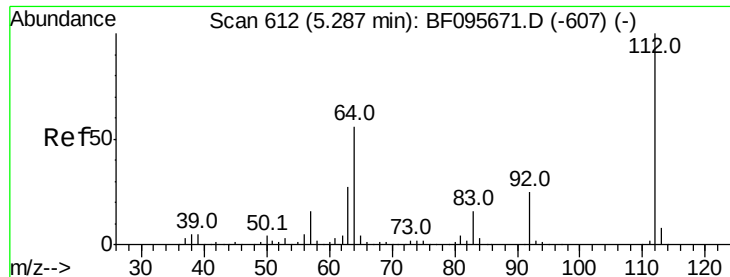
1,4-Dioxane
Concen: 18.64 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096069.D
Acq: 21 Jun 2017 6:12

Tgt Ion: 88 Resp: 47187
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: 114.79 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

Instrument :

BNA_F

ClientSampleId :

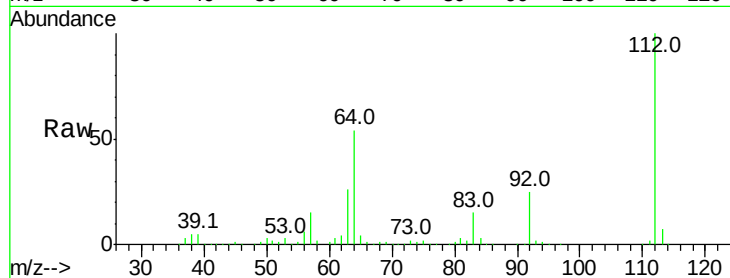
Tot Ion:112 Resp: 610893

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

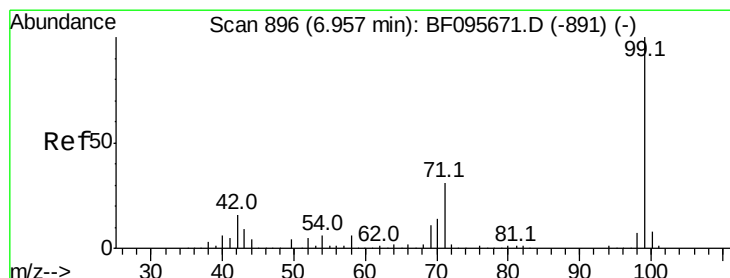
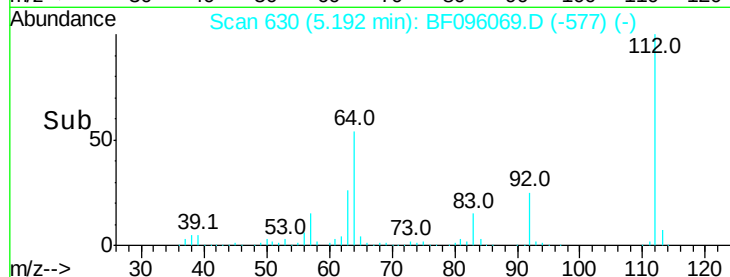
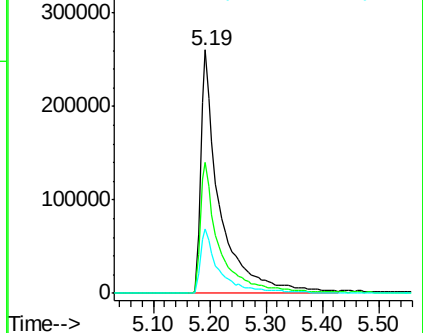
63 26.2 23.4 35.0



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: 116.67 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

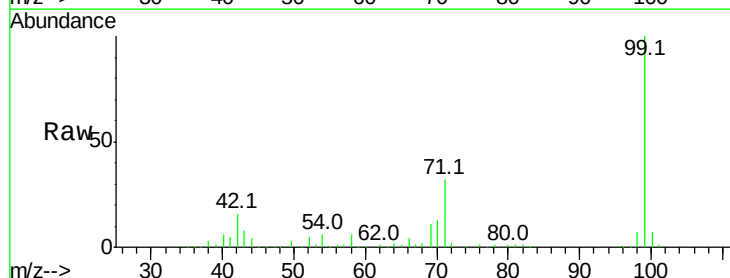
Tgt Ion: 99 Resp: 743326

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

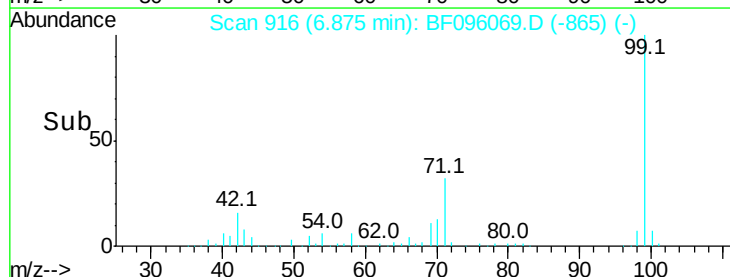
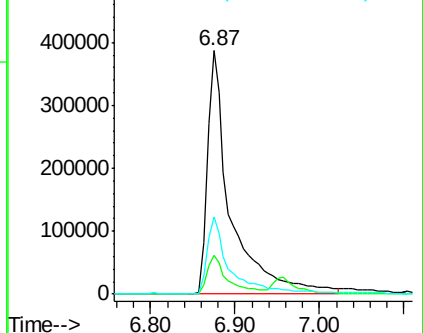
71 31.6 24.5 36.7

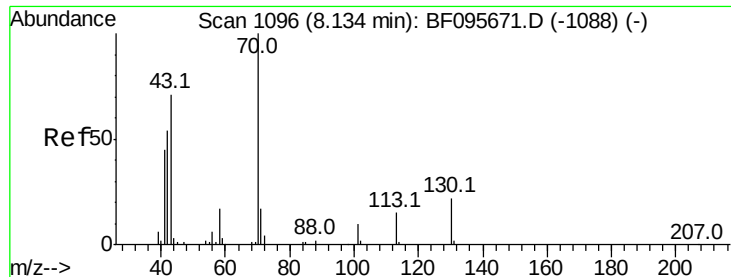


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.50 ng

RT: 8.22 min Scan# 1144

Delta R.T. 0.18 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54525

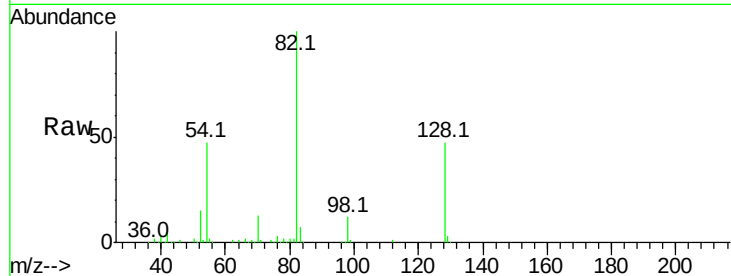
Ion Ratio Lower Upper

70 100

42 41.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

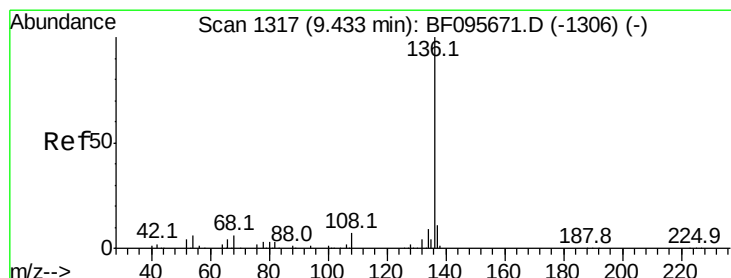
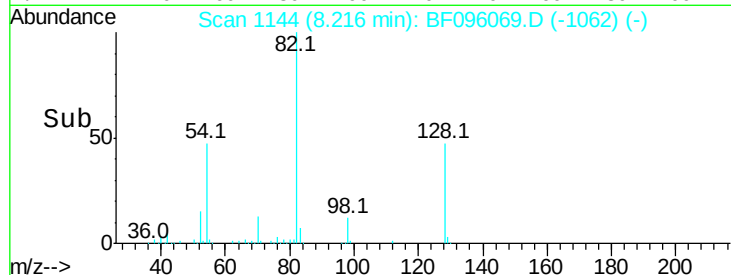
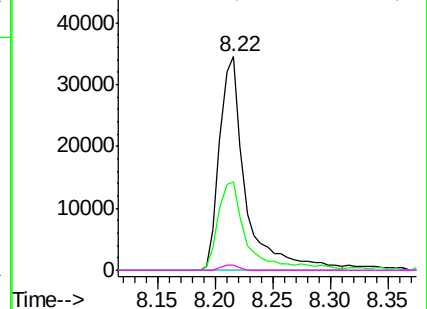


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

Tgt Ion:136 Resp: 331851

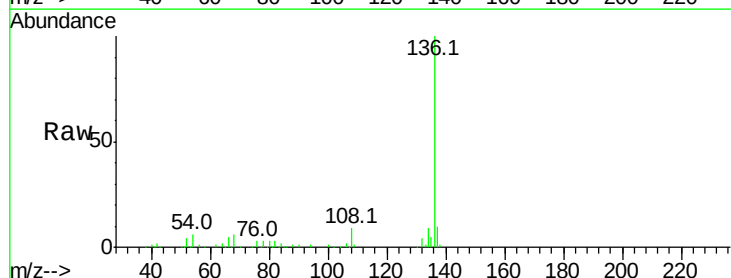
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.4 4.9 7.3

68 6.0 4.1 6.1

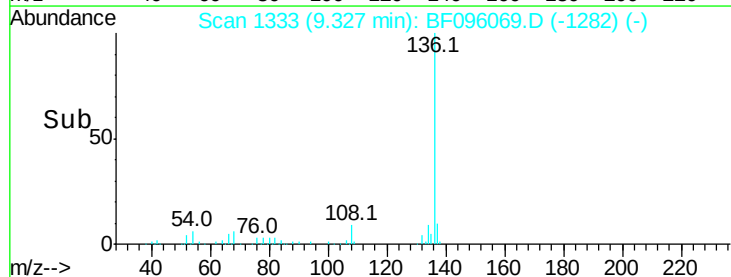
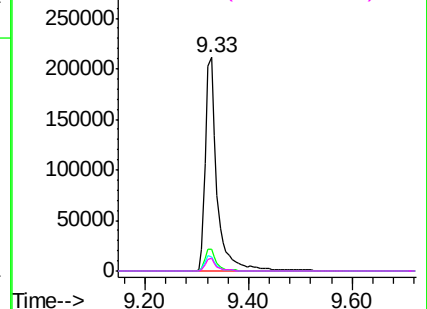


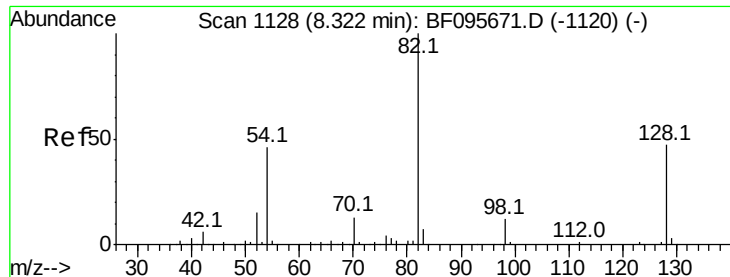
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

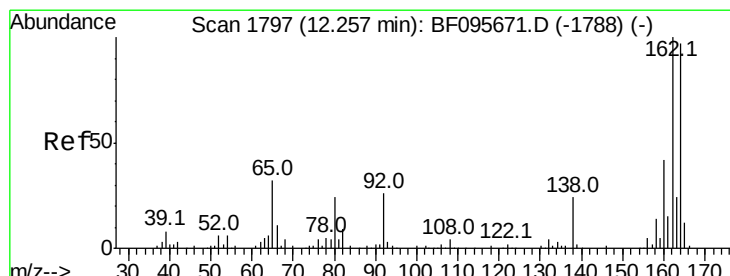
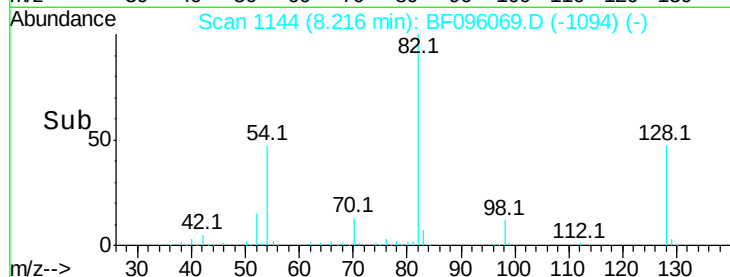
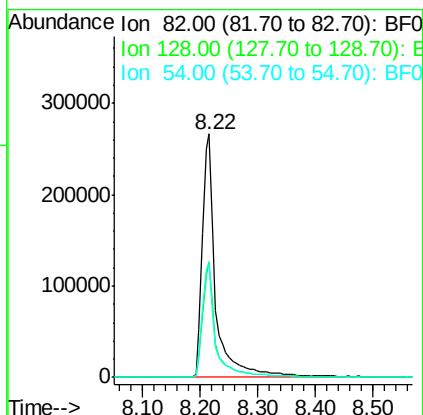
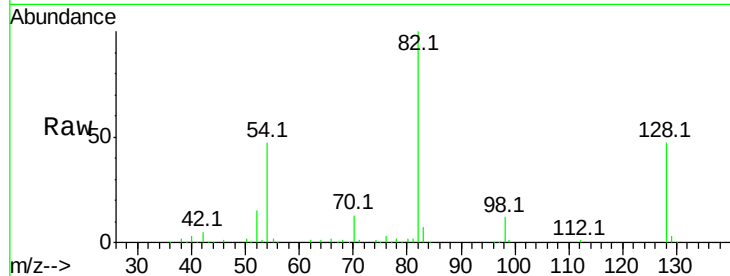




#23
 Nitrobenzene-d5
 Concen: 82.52 ng
 RT: 8.22 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

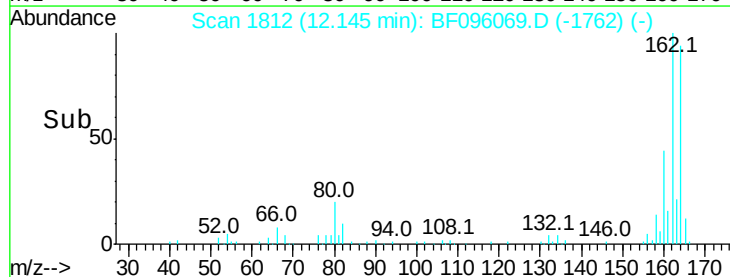
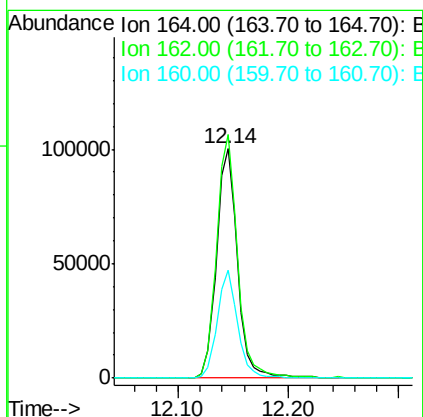
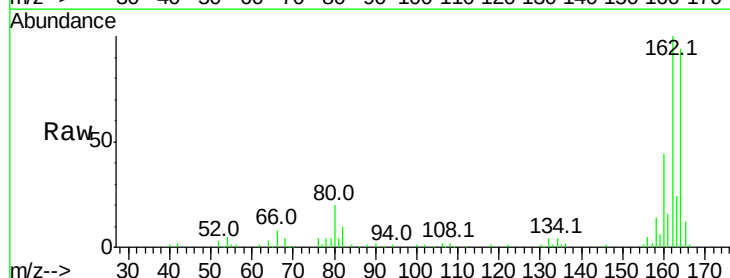
Instrument :
 BNA_F
 ClientSampleId :

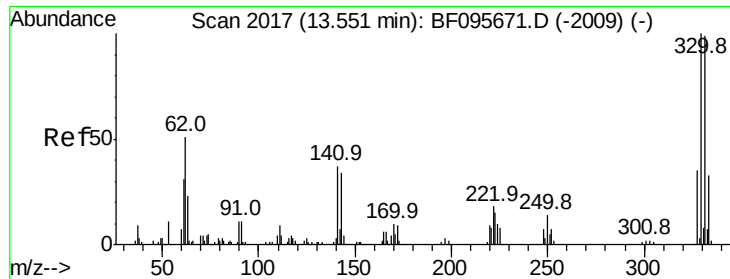
Tot Ion: 82 Resp: 440914
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

Tgt Ion:164 Resp: 131659
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 123.8
 160 47.0 36.2 54.2

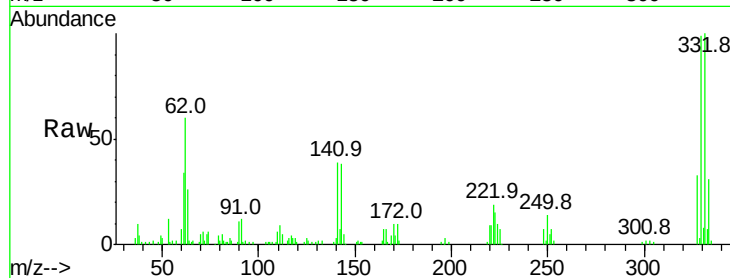




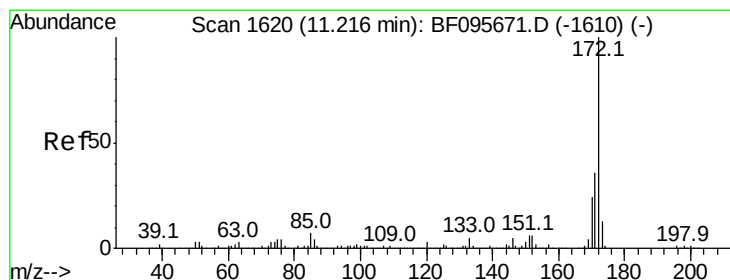
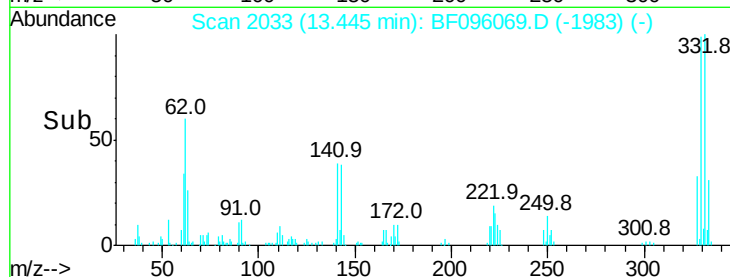
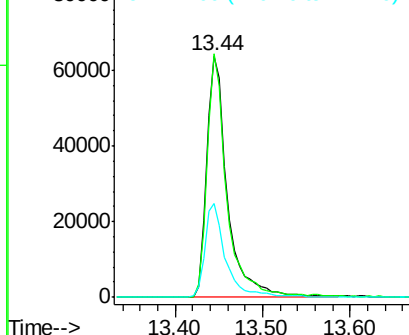
#41
 2,4,6-Tribromophenol
 Concen: 90.51 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 105432
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 38.8 31.4 47.2

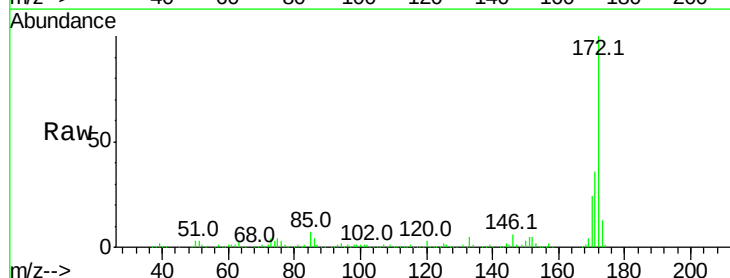


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

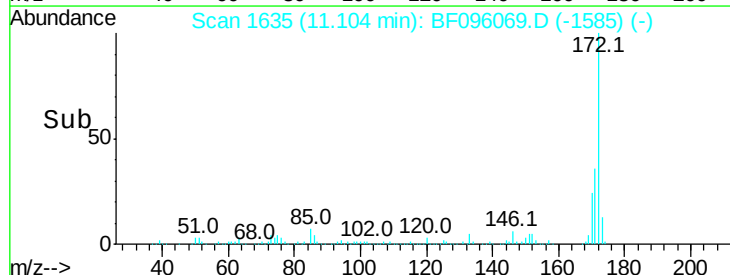
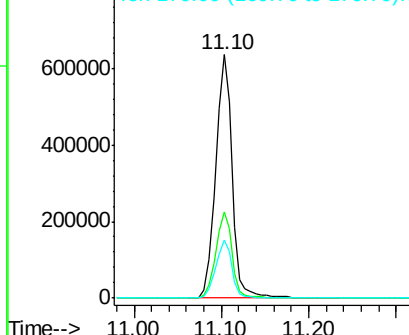


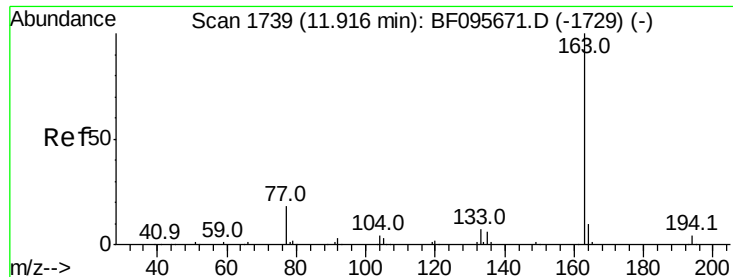
#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

Tgt Ion:172 Resp: 832018
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.9 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





#49

Dimethylphthalate

Concen: 13.98 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

Instrument :

BNA_F

ClientSampleId :

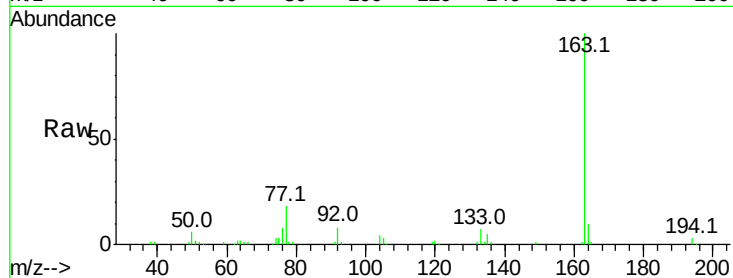
Tot Ion:163 Resp: 139751

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

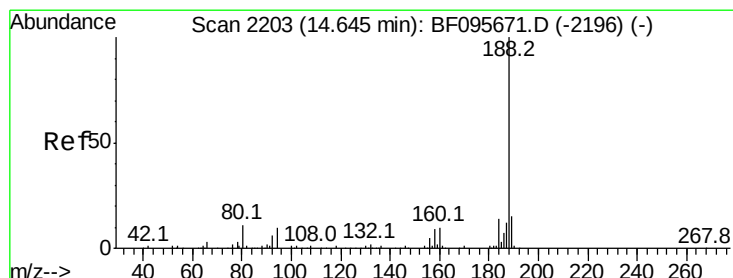
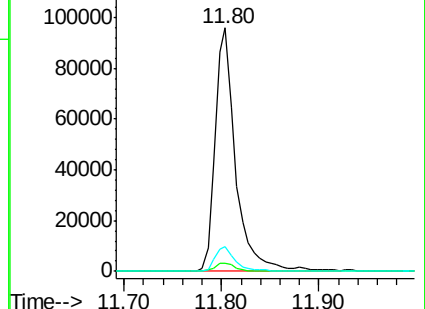
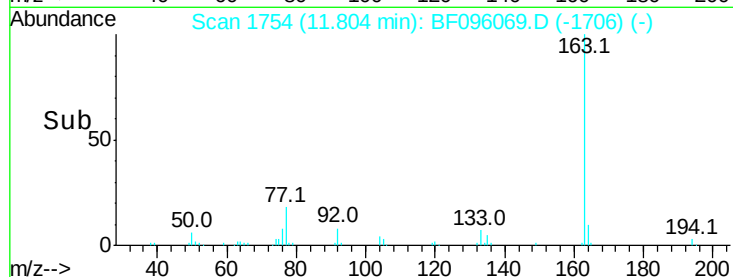
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096069.D

Acq: 21 Jun 2017 6:12

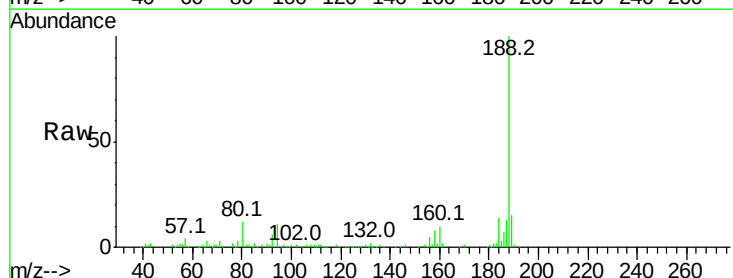
Tgt Ion:188 Resp: 204863

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

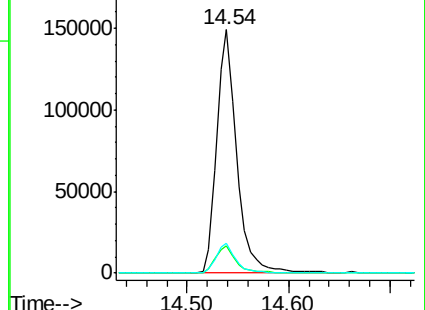
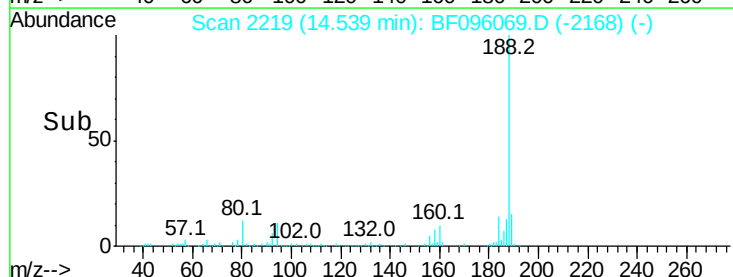
80 12.4 10.2 15.2

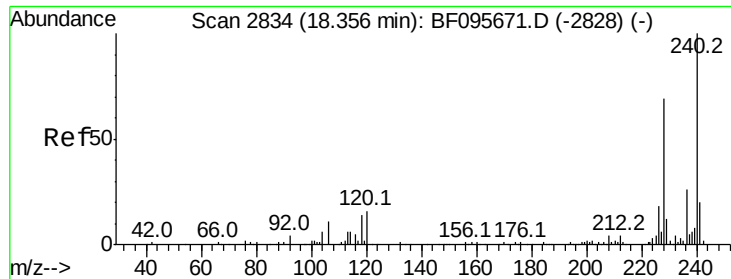


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

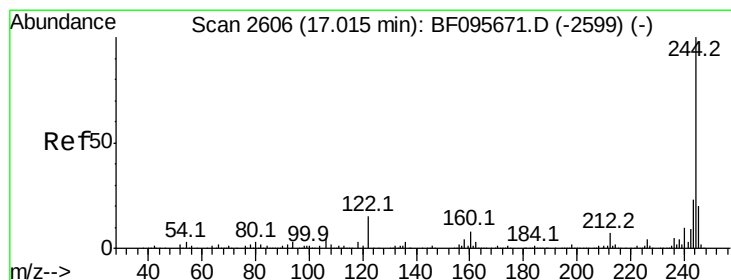
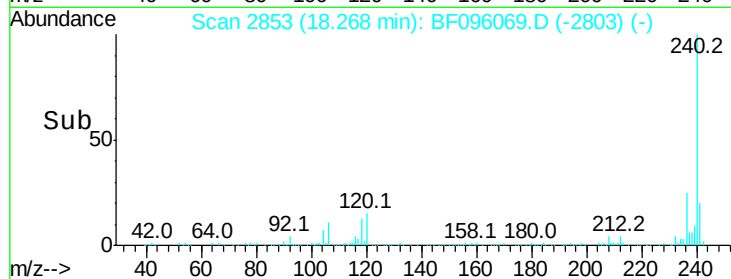
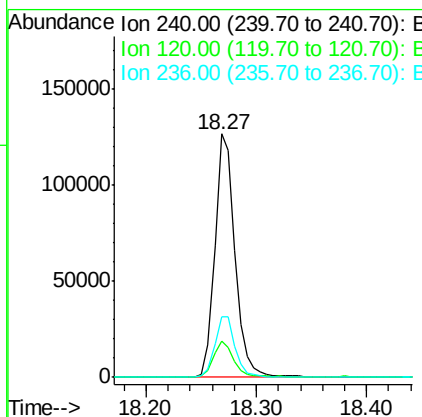
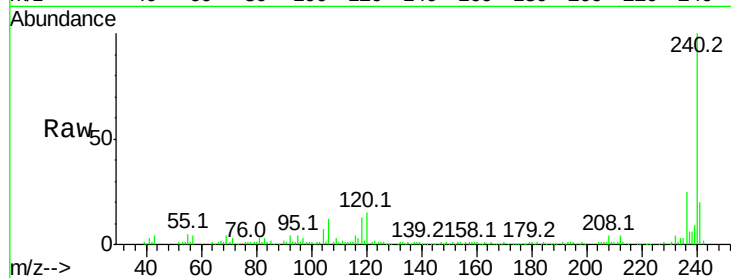




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

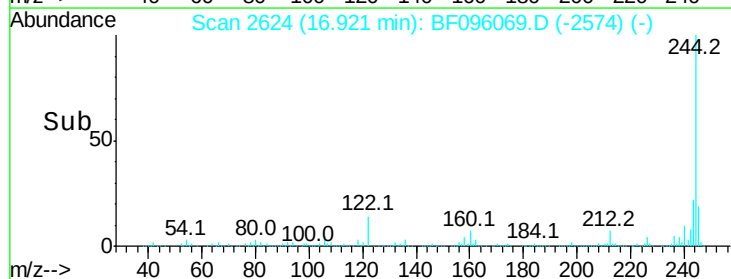
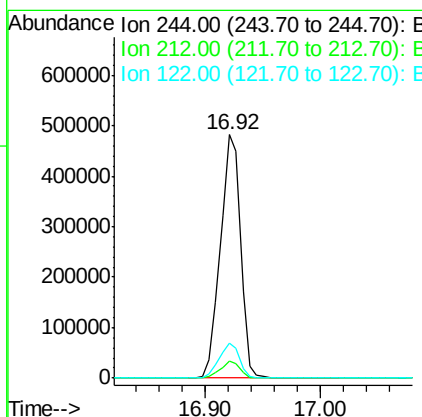
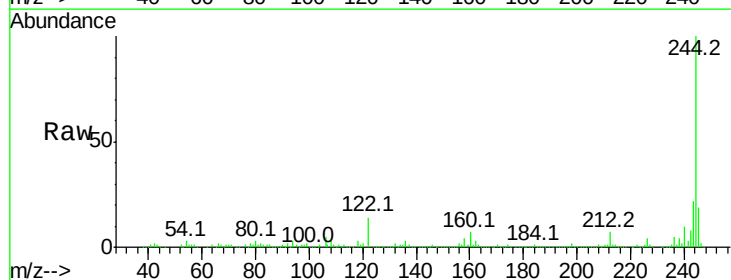
Instrument :
 BNA_F
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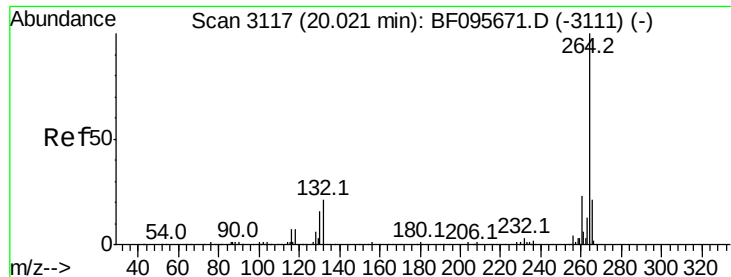
Tot Ion:240 Resp: 159071
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.23 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096069.D
 Acq: 21 Jun 2017 6:12

Tgt Ion:244 Resp: 584780
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.4 10.3 15.5

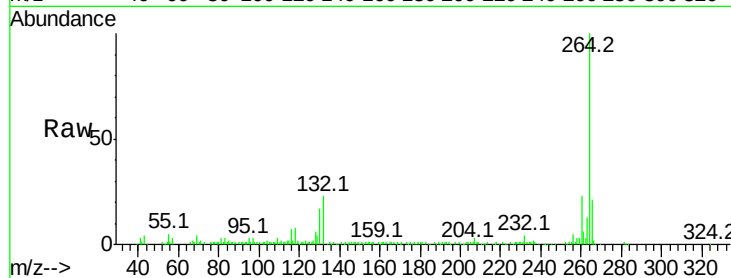




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096069.D
Acq: 21 Jun 2017 6:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

