

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096016.D
 Acq On : 19 Jun 2017 20:34
 Operator : SJ/MA
 Sample : I3698-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:08:16 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

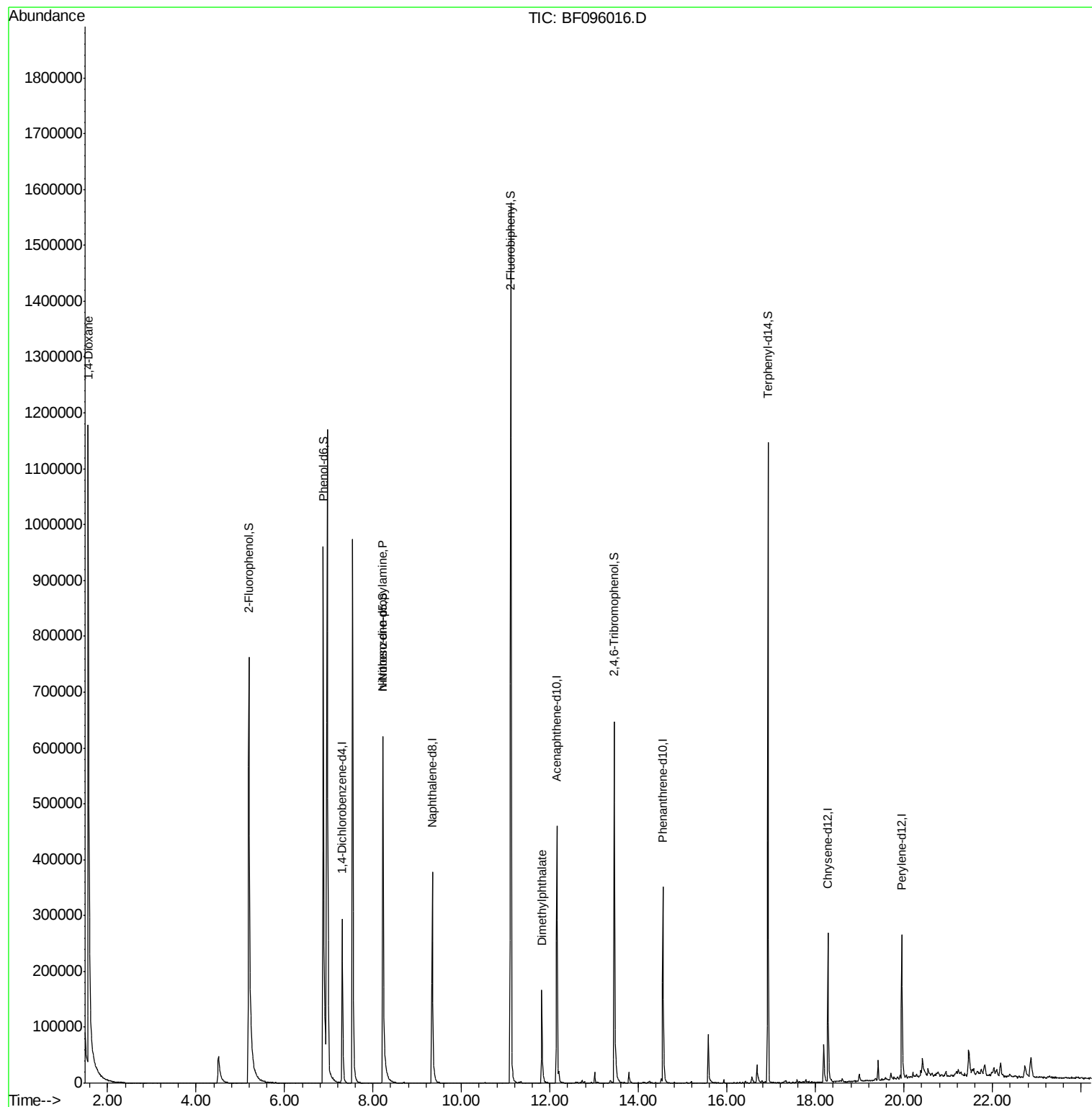
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	77794	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	327730	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	140947	20.00	ng	-0.03
63) Phenanthrene-d10	14.55	188	230498	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	140701	20.00	ng	-0.02
86) Perylene-d12	19.95	264	139815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	539589	110.52	ng	-0.02
7) Phenol-d6	6.87	99	669414	114.53	ng	-0.04
23) Nitrobenzene-d5	8.22	82	383860	72.74	ng	-0.03
41) 2,4,6-Tribromophenol	13.45	330	124148	99.55	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	719989	71.08	ng	-0.02
78) Terphenyl-d14	16.93	244	444304	78.37	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	54770	23.58	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	46863	12.65	ng	# 76
49) Dimethylphthalate	11.82	163	119683	11.18	ng	98

(#) = 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: BF096016.D

Acq: 19 Jun 2017 20:34

Instrument :

BNA_F

ClientSampleId :

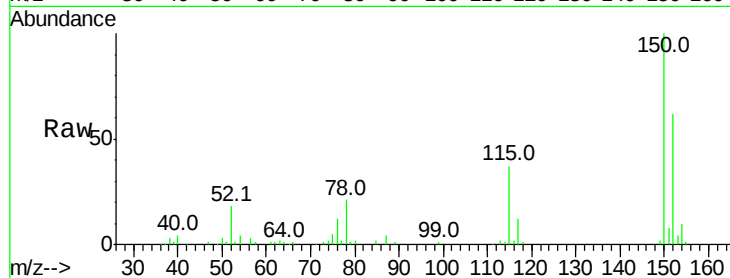
Tot Ion:152 Resp: 77794

Ion Ratio Lower Upper

152 100

150 161.3 126.2 189.2

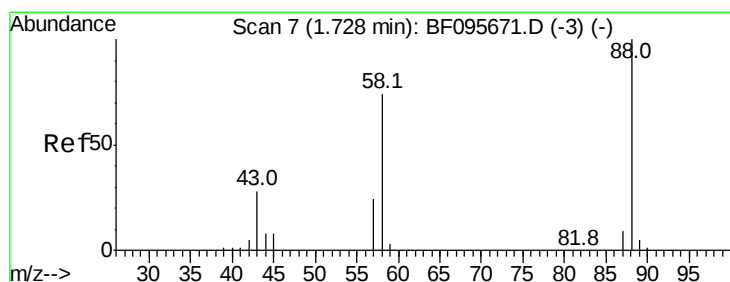
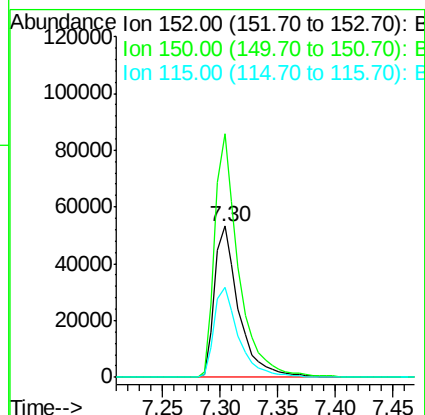
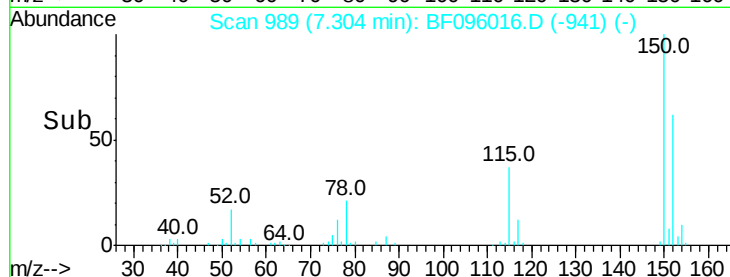
115 60.0 52.2 78.2



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



#2

1,4-Dioxane

Concen: 23.58 ng

RT: 1.56 min Scan# 12

Delta R.T. -0.08 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

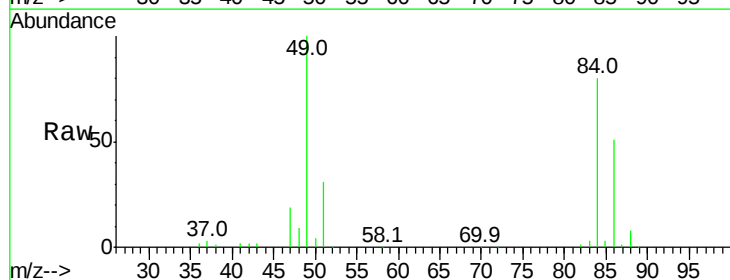
Tgt Ion: 88 Resp: 54770

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

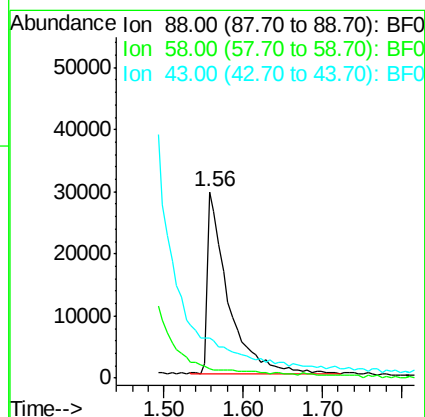
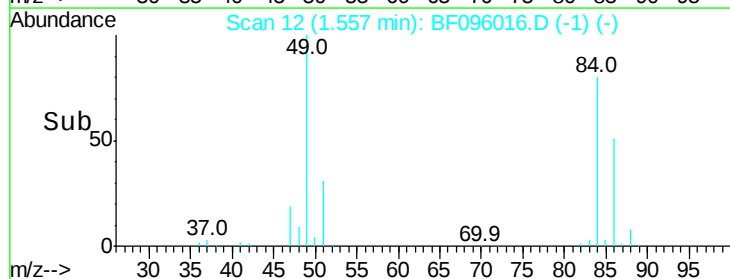
43 0.0 23.4 35.0#

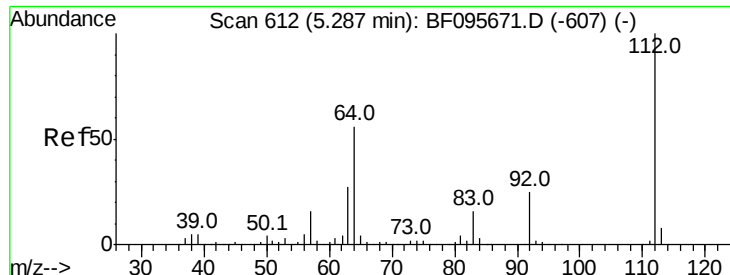


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 110.52 ng

RT: 5.19 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

Instrument :

BNA_F

ClientSampleId :

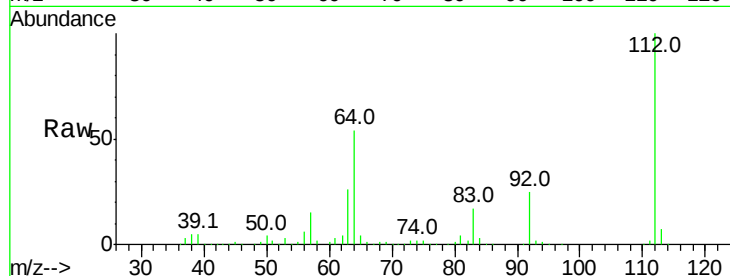
Tot Ion:112 Resp: 539589

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

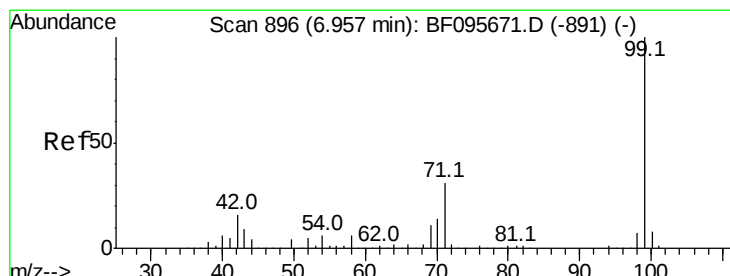
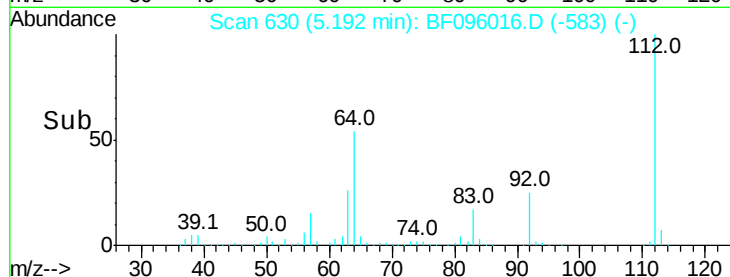
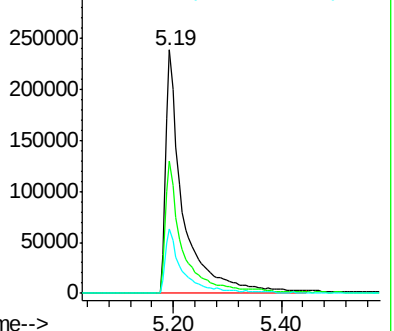
63 26.4 23.4 35.0



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: 114.53 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

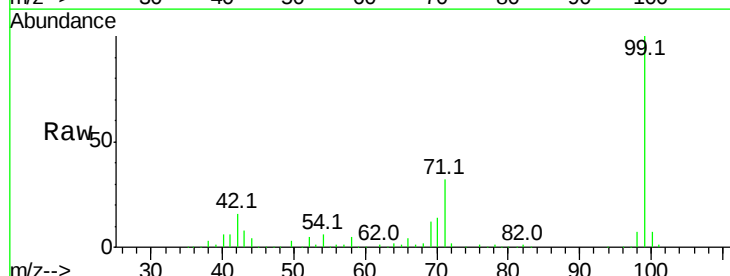
Tgt Ion: 99 Resp: 669414

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

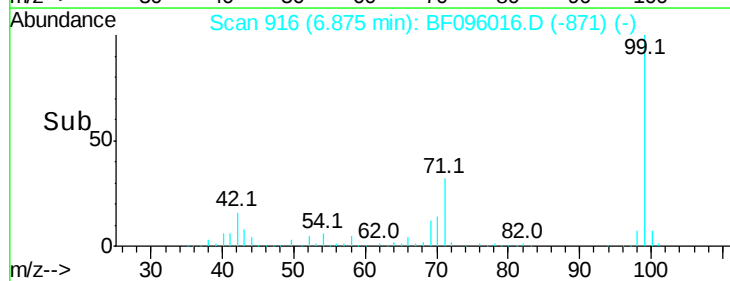
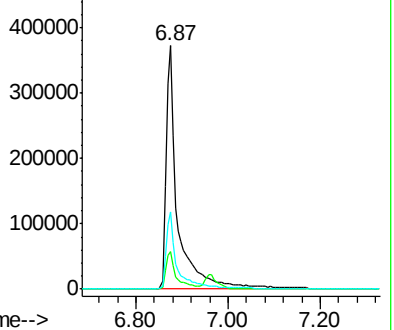
71 31.5 24.5 36.7

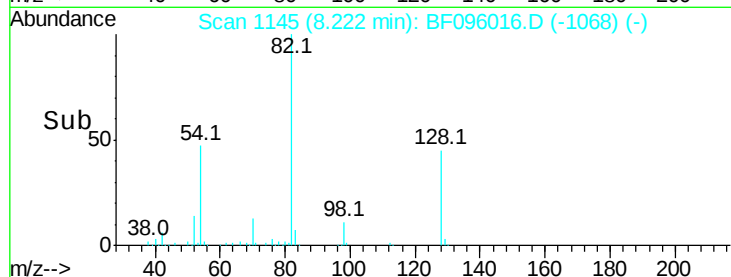
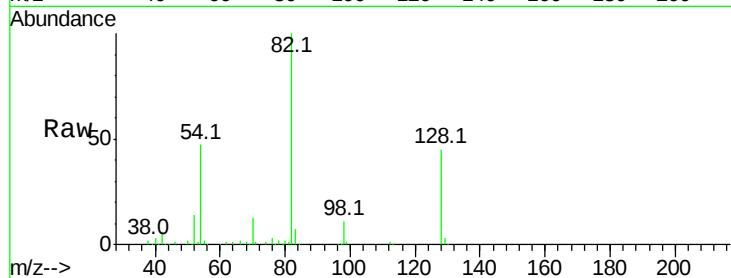
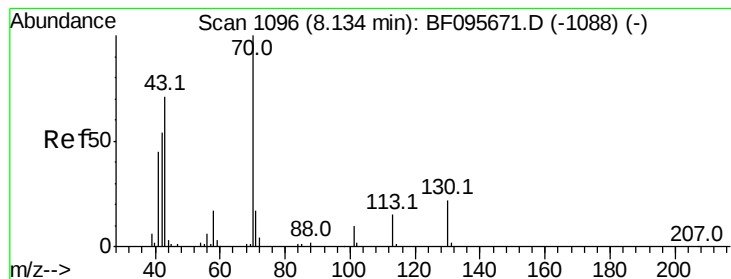


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 12.65 ng

RT: 8.22 min Scan# 1145

Delta R.T. 0.15 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 46863

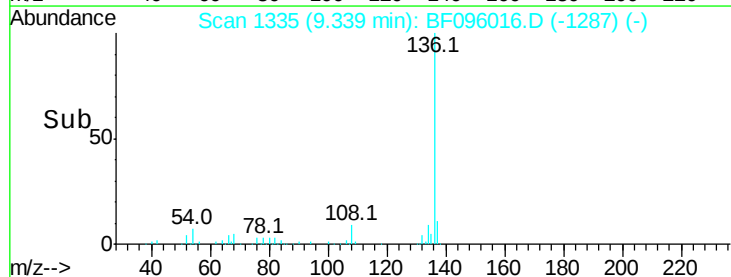
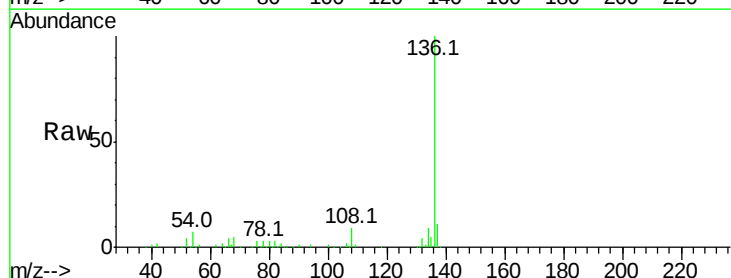
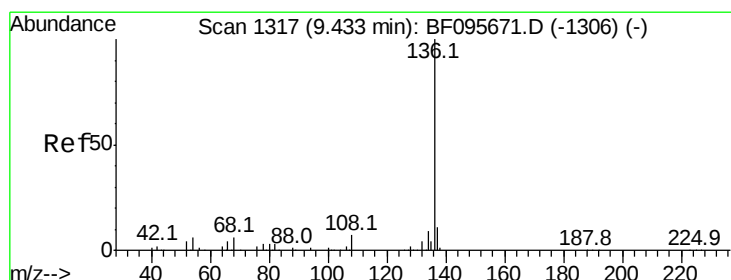
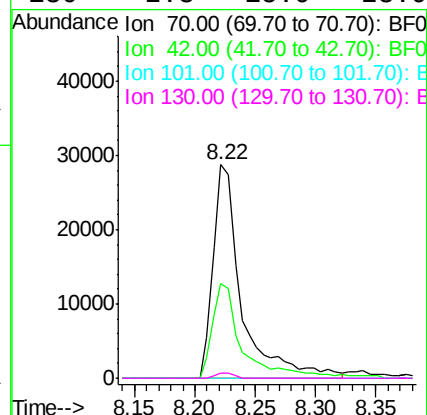
Ion Ratio Lower Upper

70 100

42 44.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

Tgt Ion: 136 Resp: 327730

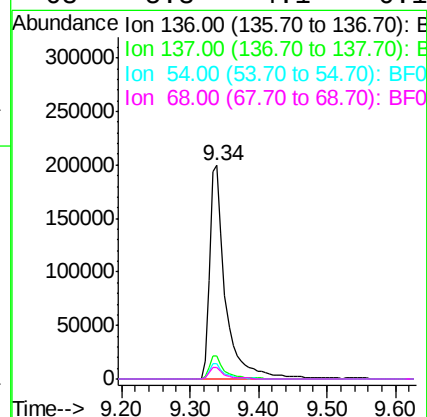
Ion Ratio Lower Upper

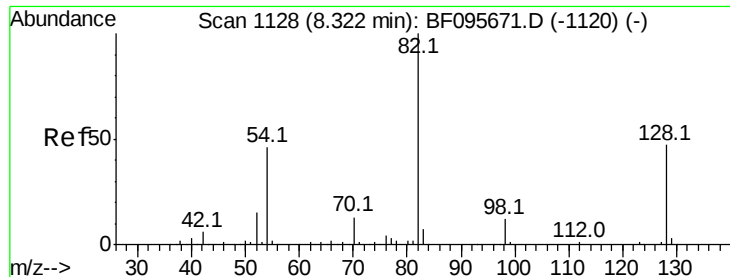
136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.3 4.1 6.1

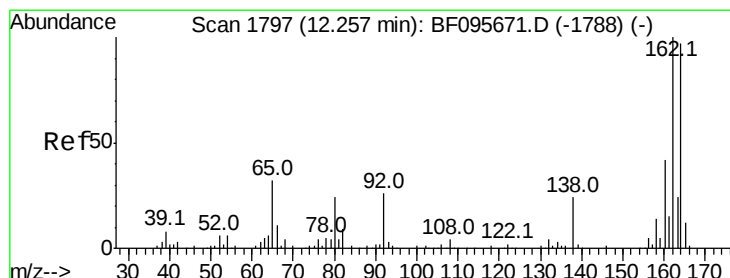
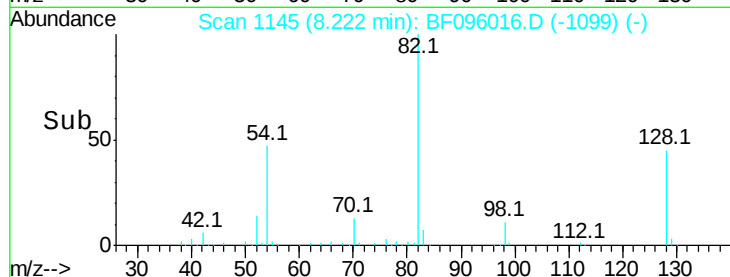
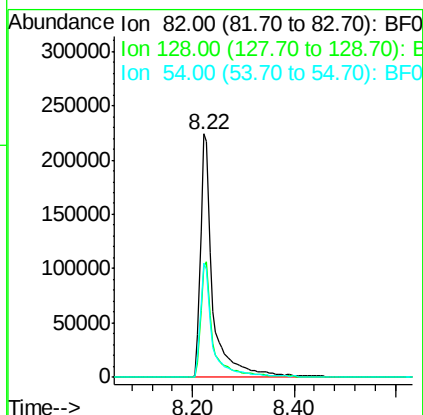
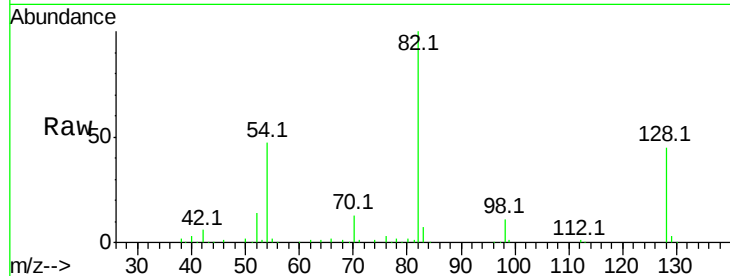




#23
 Nitrobenzene-d5
 Concen: 72.74 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

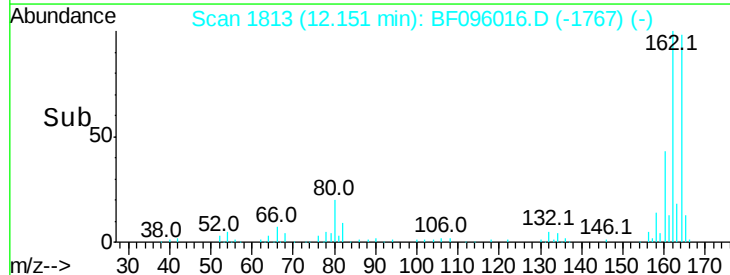
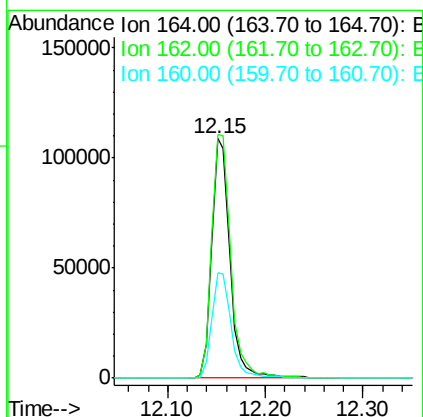
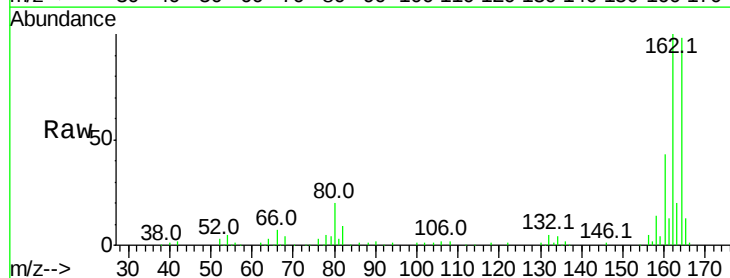
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 383860
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 46.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

Tgt Ion:164 Resp: 140947
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 43.8 36.2 54.2

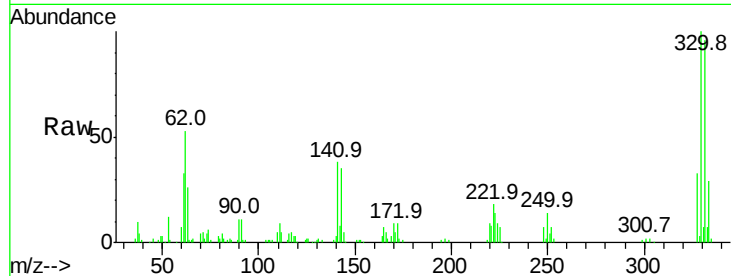




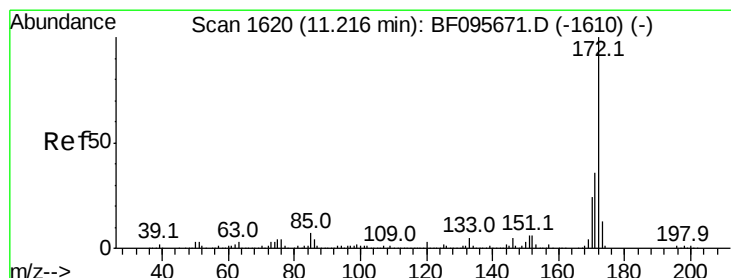
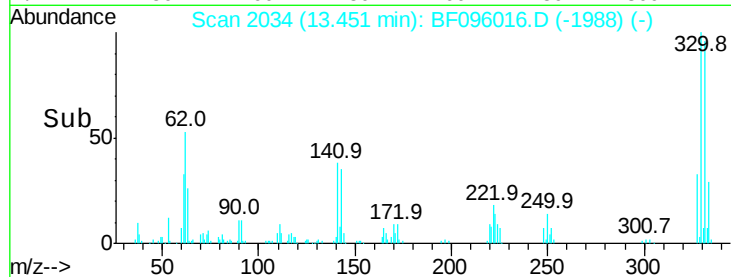
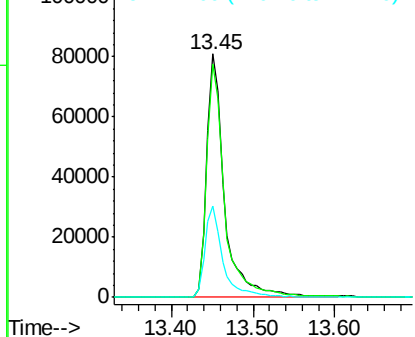
#41
 2,4,6-Tribromophenol
 Concen: 99.55 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 124148
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.5 31.4 47.2

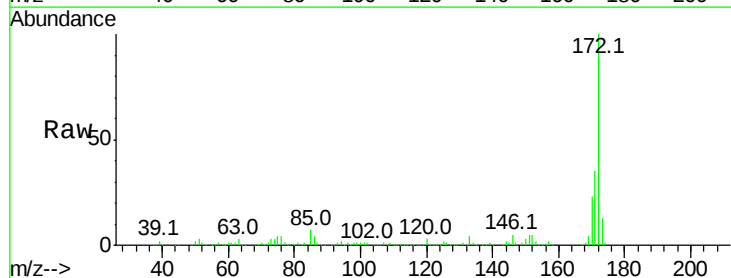


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

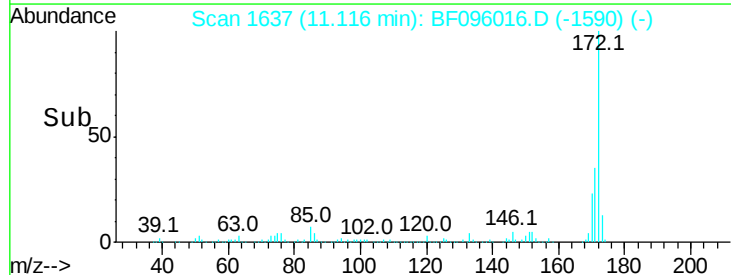
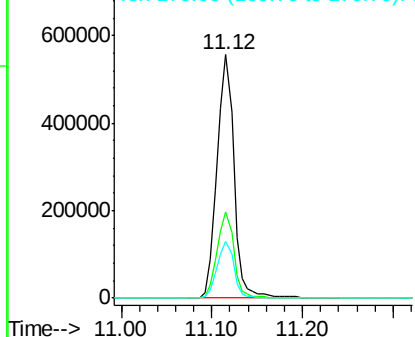


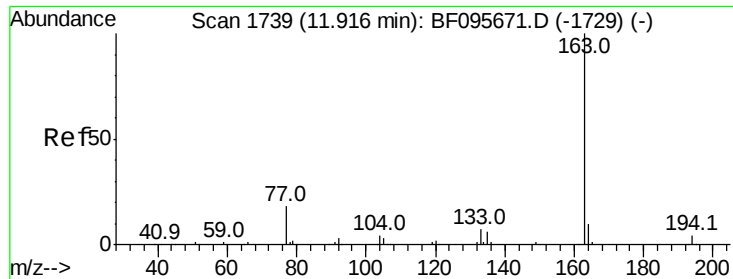
#44
 2-Fluorobiphenyl
 Concen: 71.08 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

Tgt Ion:172 Resp: 719989
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.3 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: 11.18 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

Instrument :

BNA_F

ClientSampled :

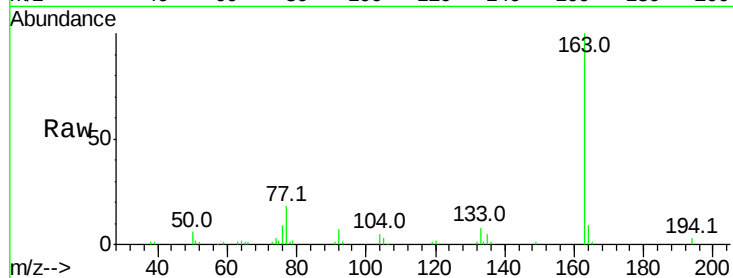
Tot Ion:163 Resp: 119683

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

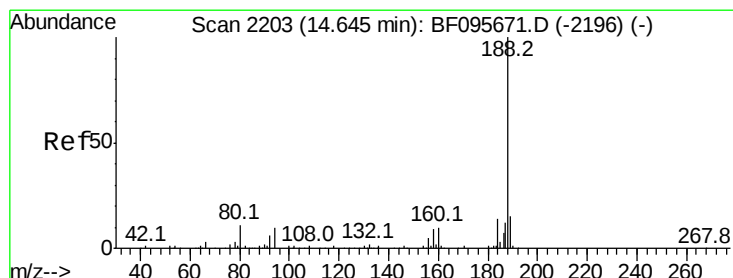
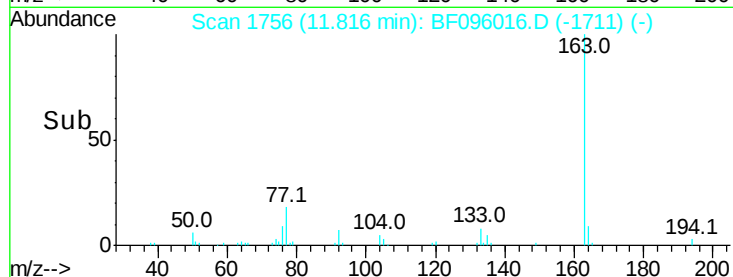
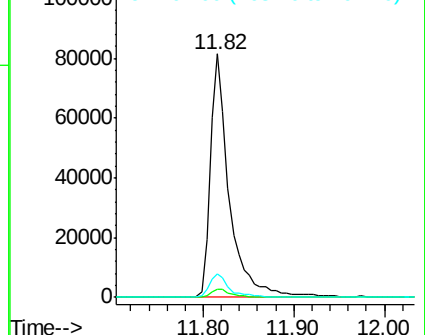
164 9.5 8.4 12.6



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: 14.55 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF096016.D

Acq: 19 Jun 2017 20:34

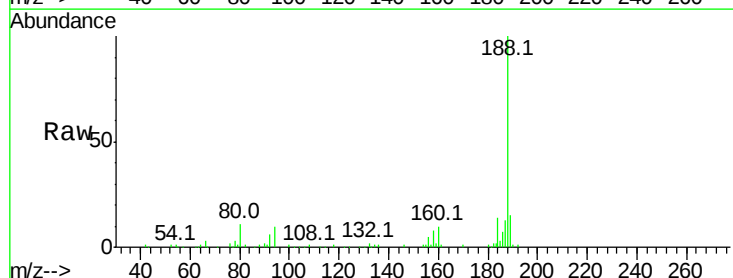
Tgt Ion:188 Resp: 230498

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

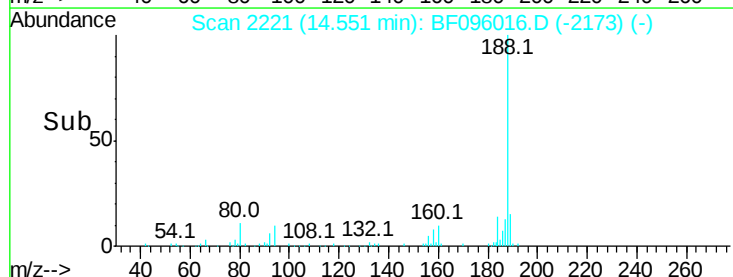
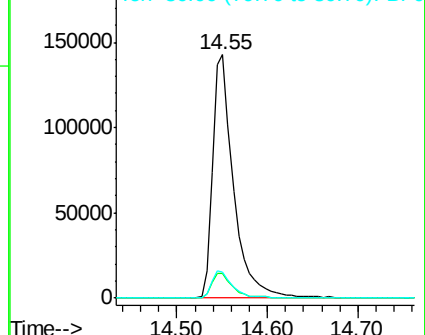
80 10.8 10.2 15.2



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

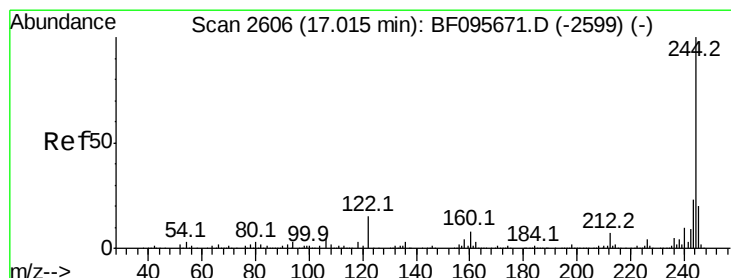
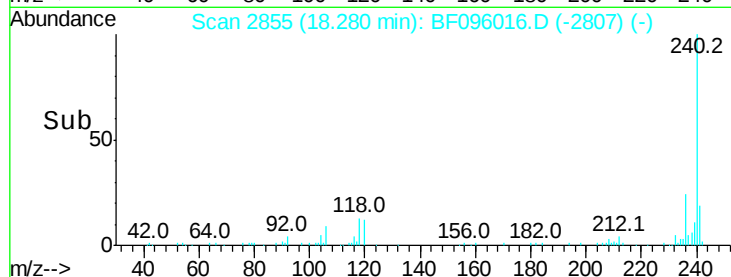
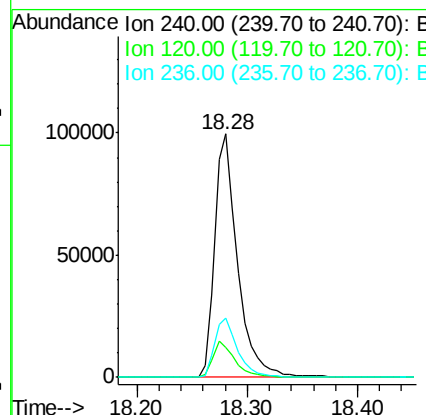
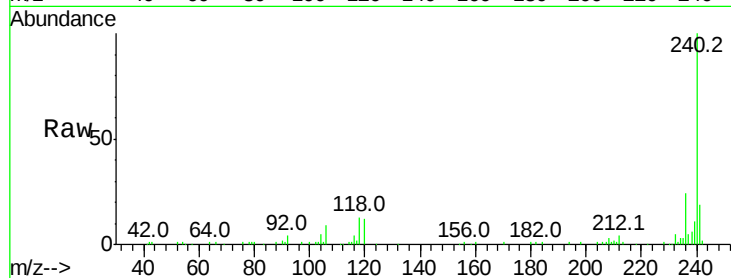




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

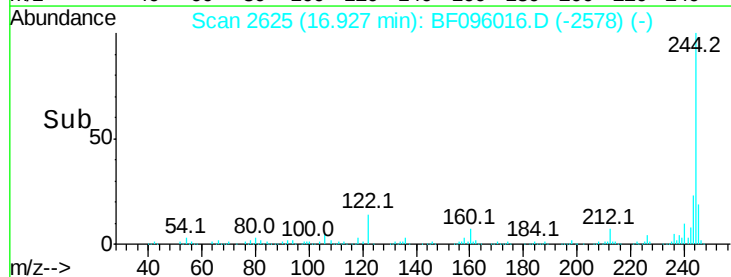
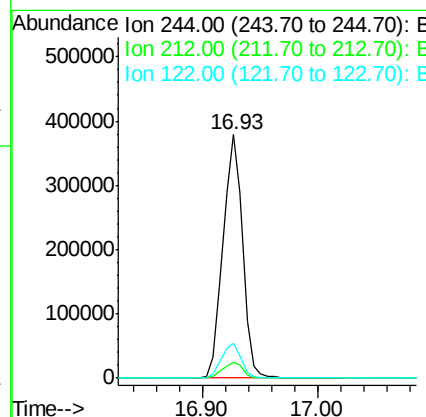
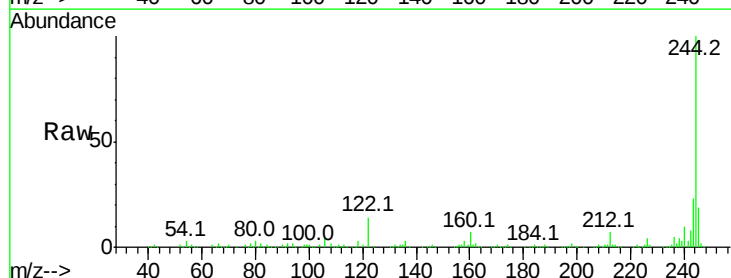
Instrument :
 BNA_F
 ClientSampleId :

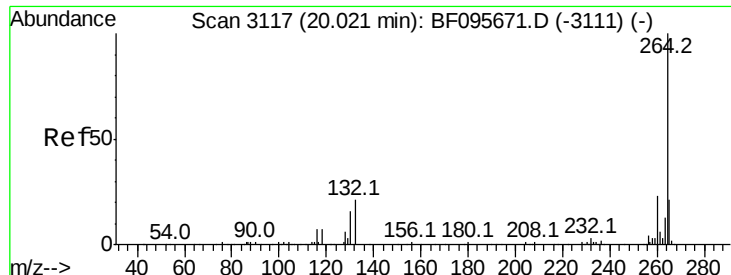
Tot Ion:240 Resp: 140701
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.8 8.8#
 236 24.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.37 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

Tgt Ion:244 Resp: 444304
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.4 10.3 15.5

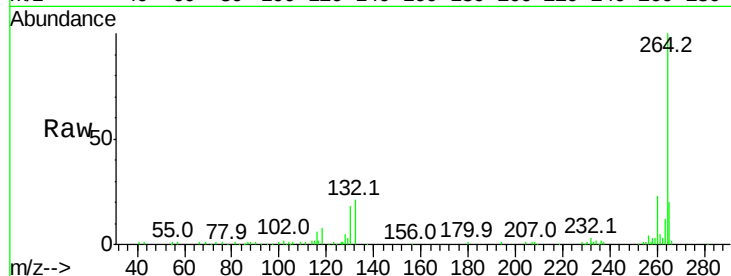




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096016.D
 Acq: 19 Jun 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	139815
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	19.8	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

