

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096054.D
 Acq On : 20 Jun 2017 20:15
 Operator : SJ/MA
 Sample : I3676-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:14:05 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

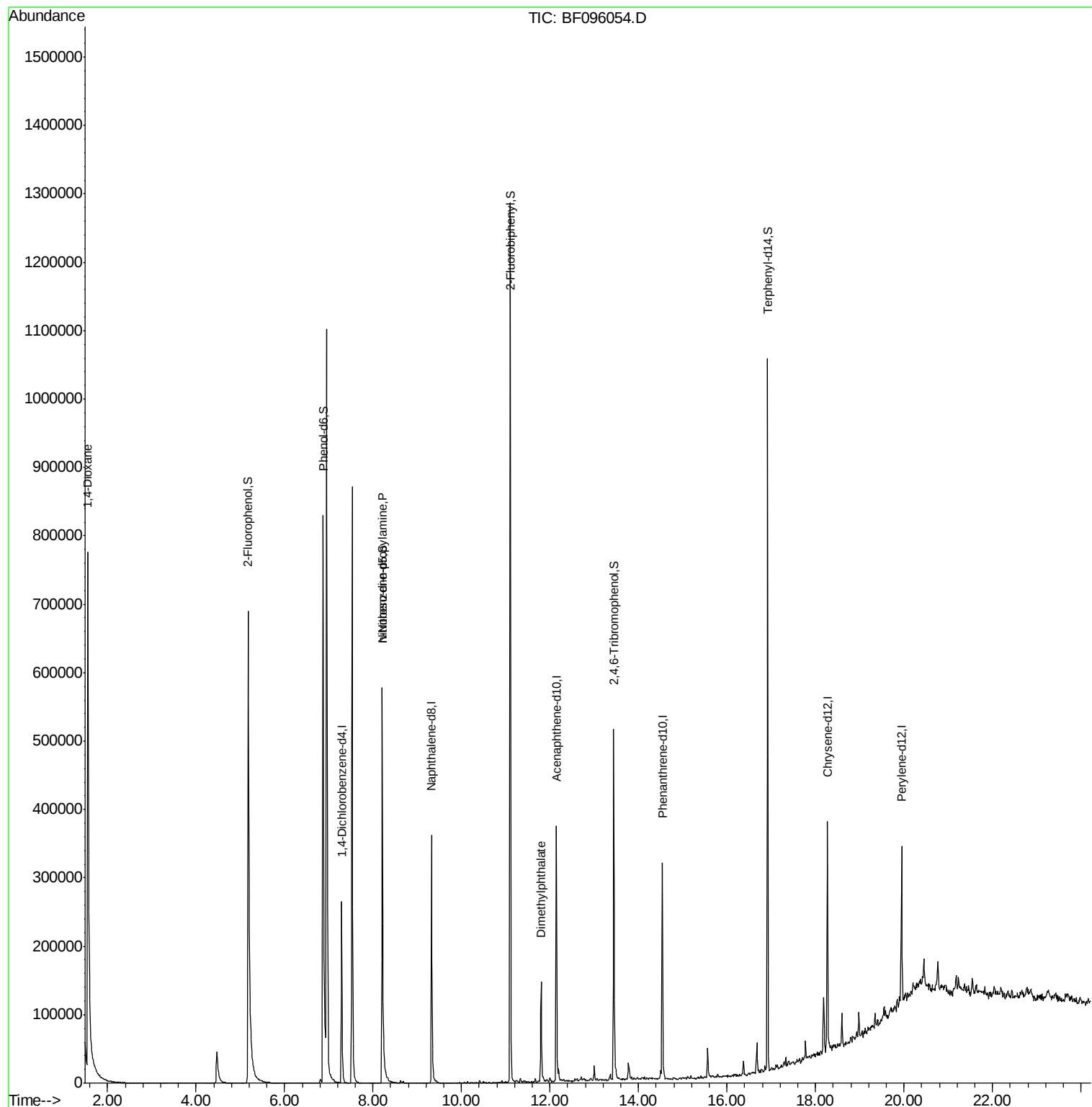
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67148	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	271534	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	106634	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	169675	20.00	ng	0.00
75) Chrysene-d12	18.27	240	138326	20.00	ng	0.00
86) Perylene-d12	19.94	264	99212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	497938	118.16	ng	0.00
7) Phenol-d6	6.87	99	587370	116.43	ng	0.00
23) Nitrobenzene-d5	8.21	82	323034	73.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	88654	93.97	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	557995	72.82	ng	0.00
78) Terphenyl-d14	16.92	244	388230	69.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	36840	18.38	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	40083	12.54	ng	# 77
49) Dimethylphthalate	11.80	163	90460	11.17	ng	98

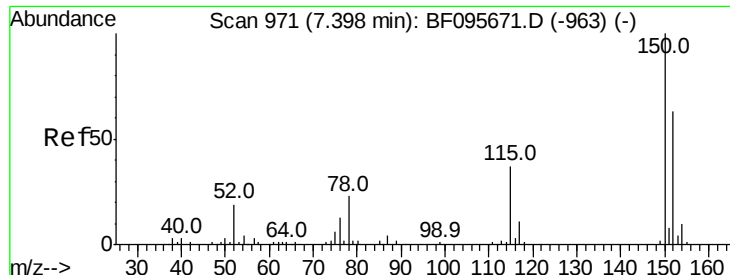
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Instrument :

BNA_F

ClientSampleId :

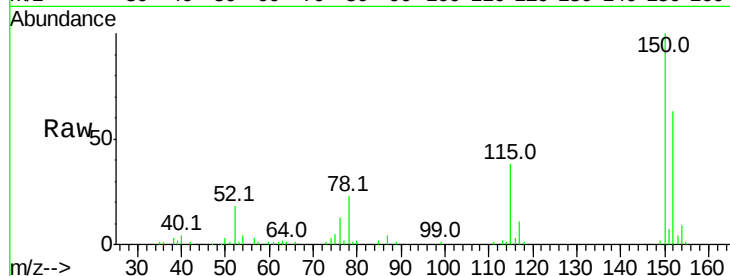
Tot Ion:152 Resp: 67148

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

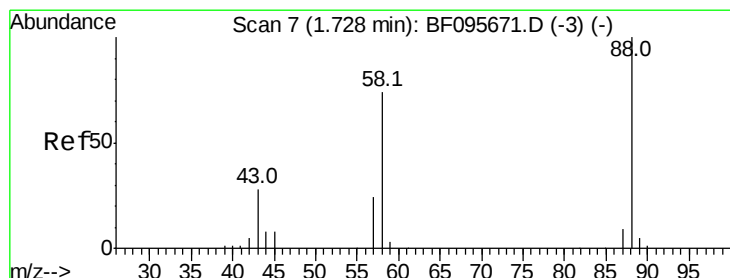
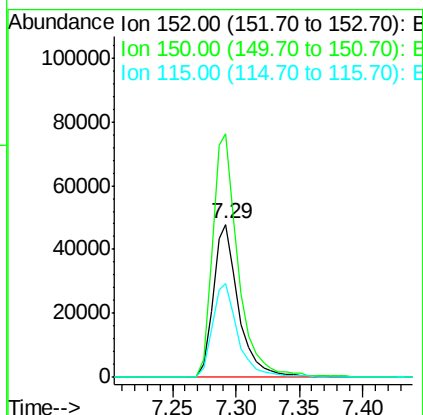
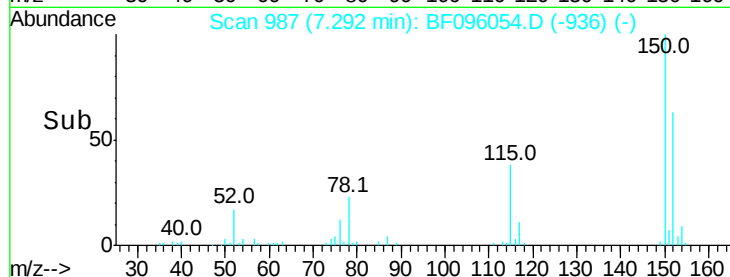
115 60.8 52.2 78.2



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



#2

1,4-Dioxane

Concen: 18.38 ng

RT: 1.55 min Scan# 11

Delta R.T. -0.06 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

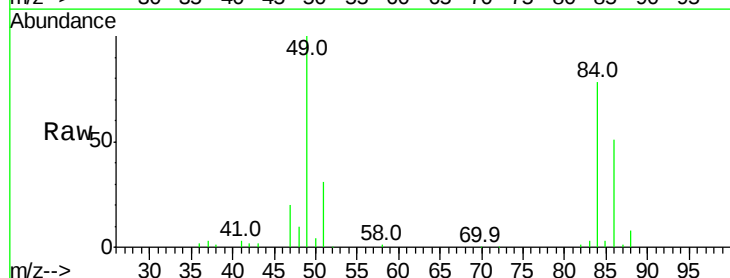
Tgt Ion: 88 Resp: 36840

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

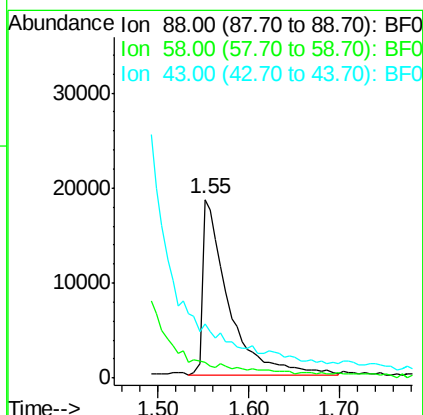
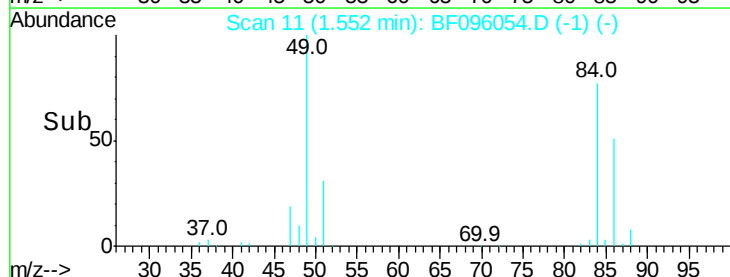
43 0.0 23.4 35.0#

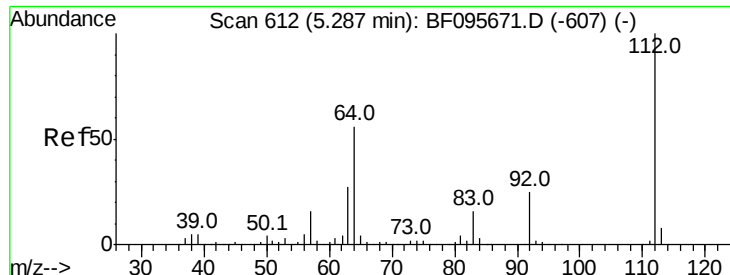


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

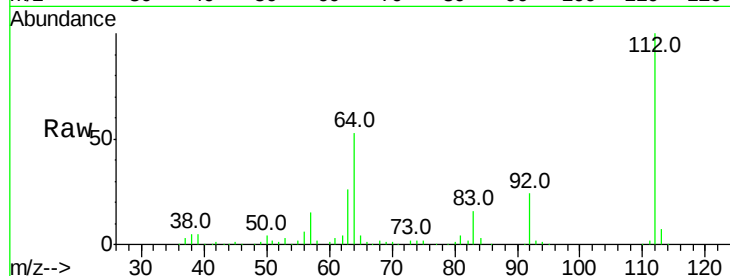




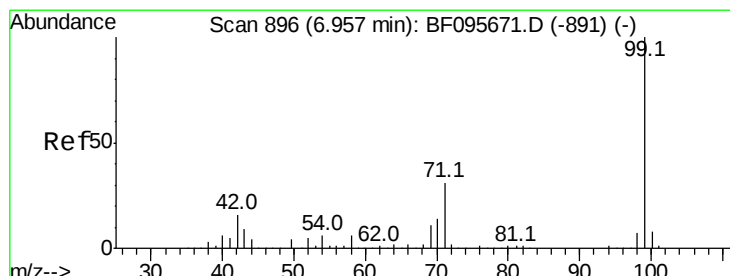
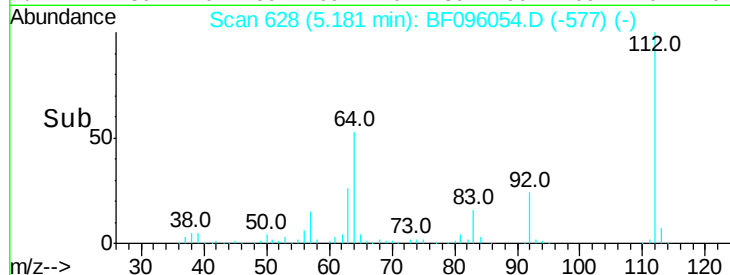
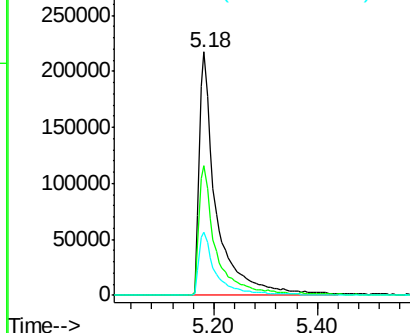
#5
 2-Fluorophenol
 Concen: 118.16 ng
 RT: 5.18 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	25.9	23.4	35.0

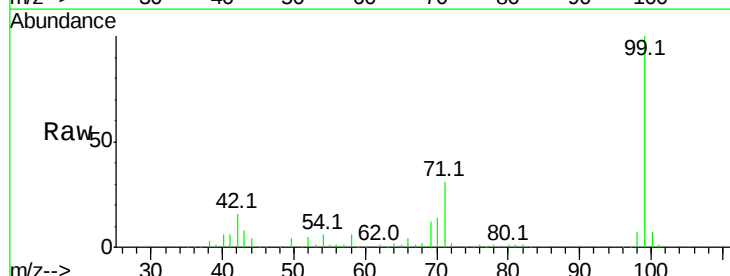


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

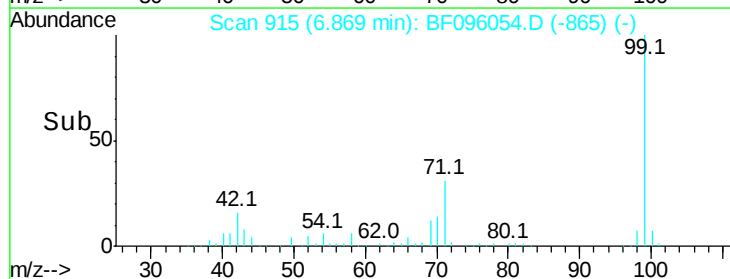
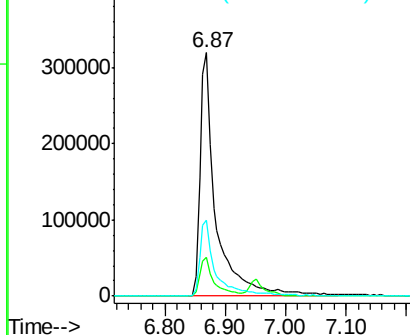


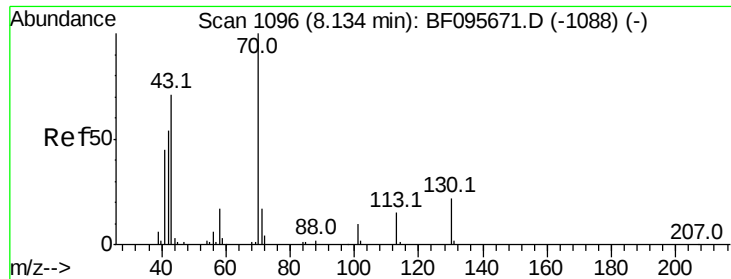
#7
 Phenol-d6
 Concen: 116.43 ng
 RT: 6.87 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.0	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

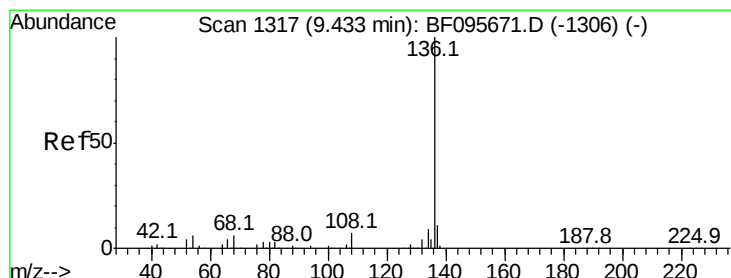
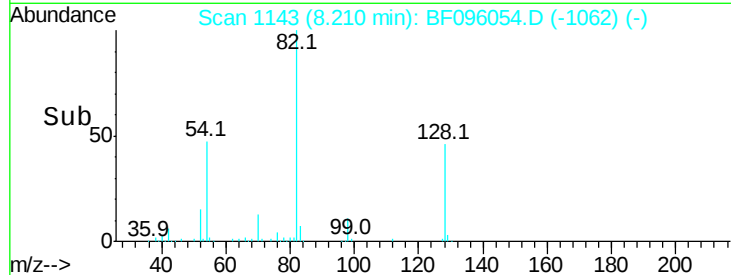
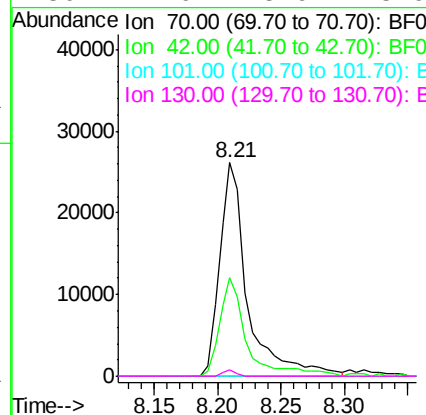
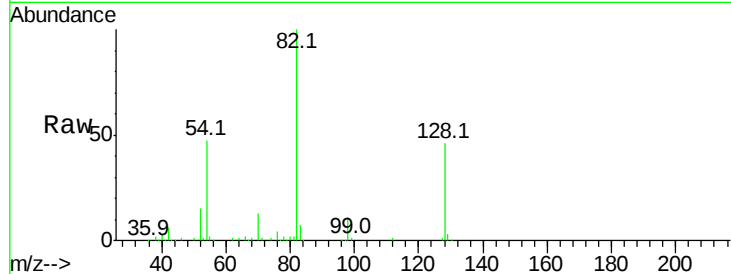




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.54 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. 0.18 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

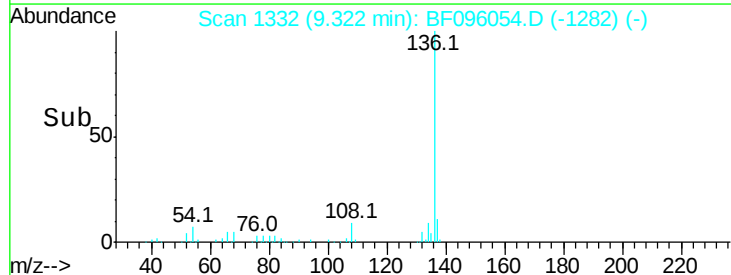
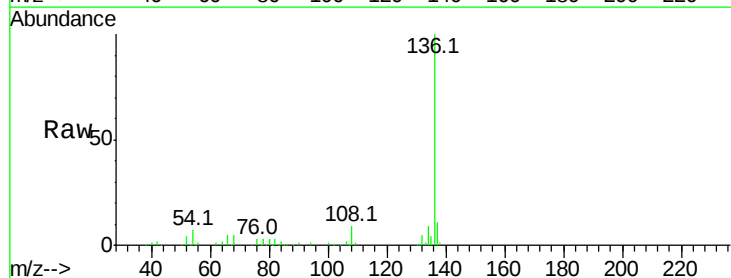
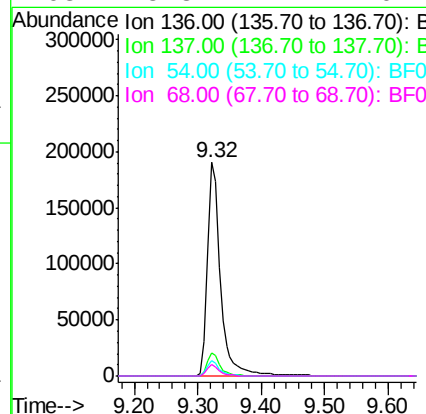
Instrument :
 BNA_F
 ClientSampleId :

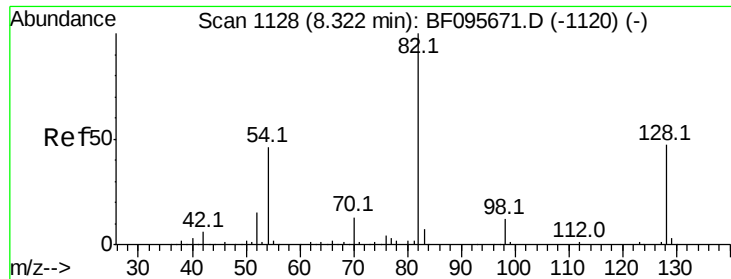
Tot Ion: 70 Resp: 40083
 Ion Ratio Lower Upper
 70 100
 42 45.9 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.9 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.32 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion: 136 Resp: 271534
 Ion Ratio Lower Upper
 136 100
 137 10.6 8.5 12.7
 54 7.4 4.9 7.3#
 68 5.3 4.1 6.1

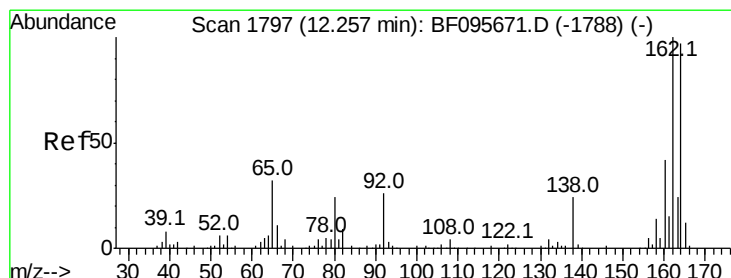
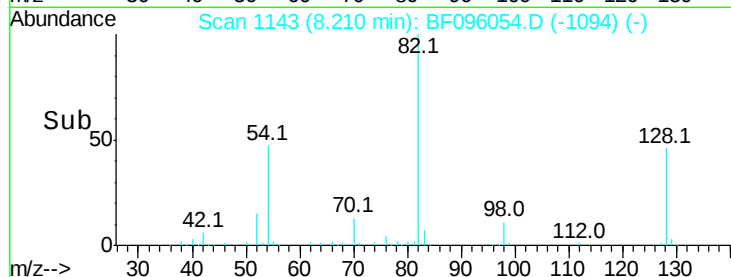
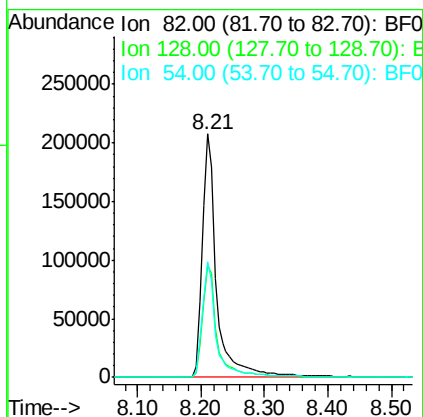
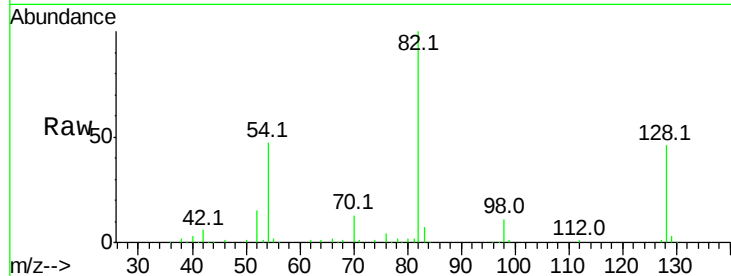




#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

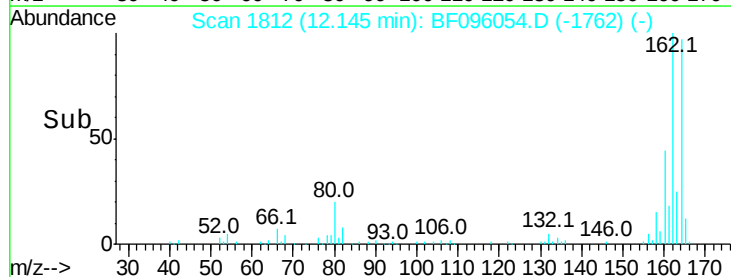
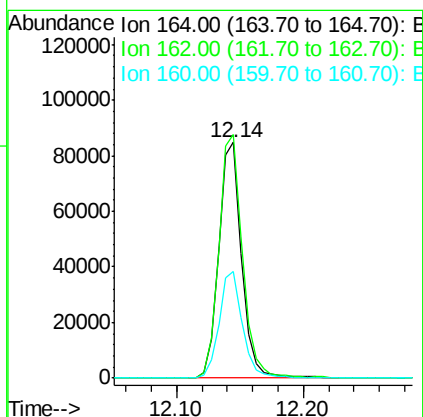
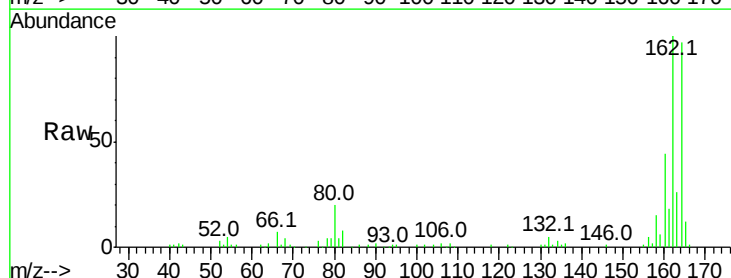
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 323034
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 47.3 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: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion:164 Resp: 106634
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.6 36.2 54.2

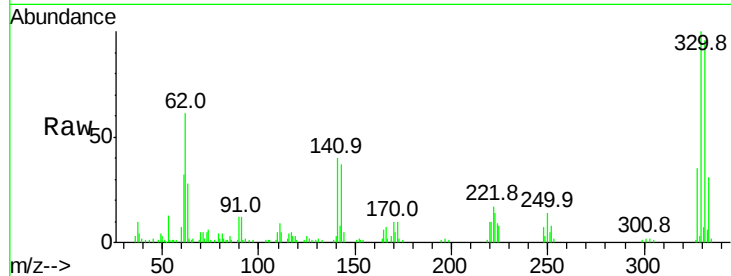




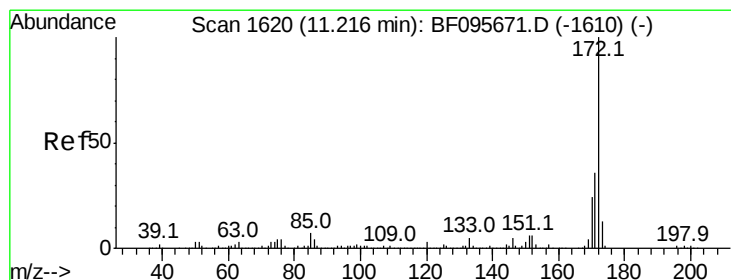
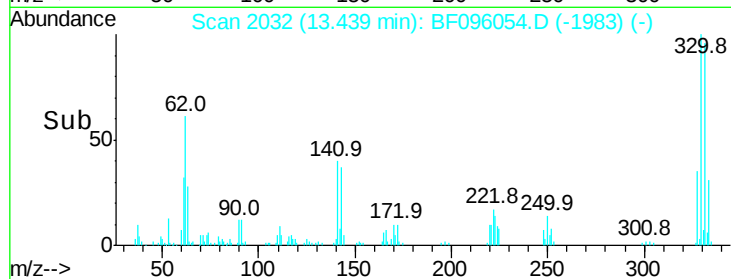
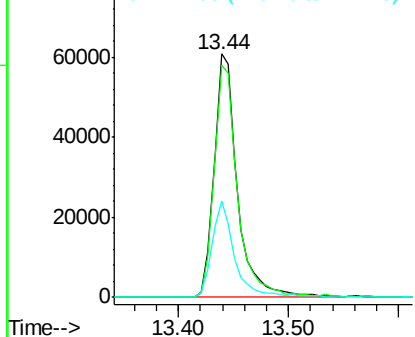
#41
 2,4,6-Tribromophenol
 Concen: 93.97 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88654
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.0 31.4 47.2

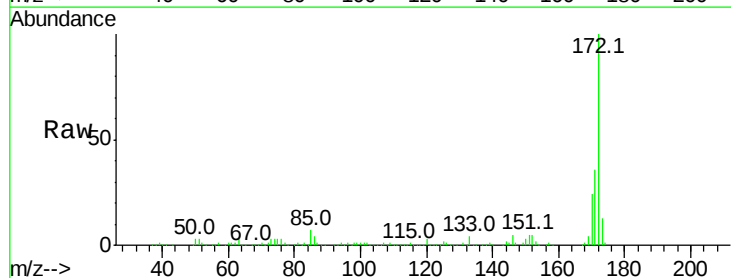


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

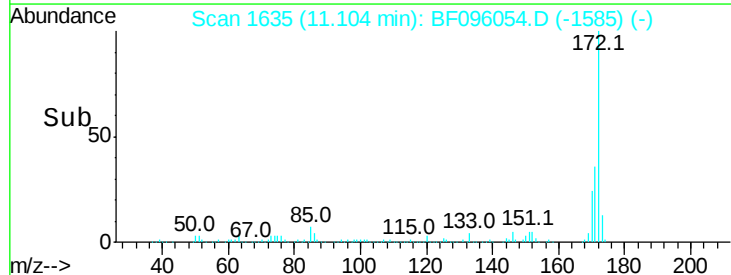
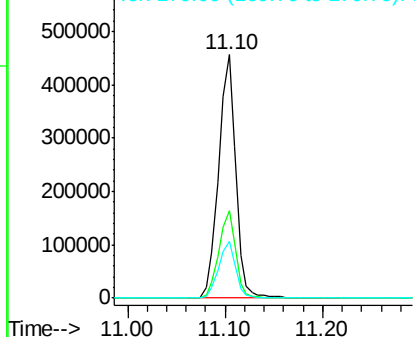


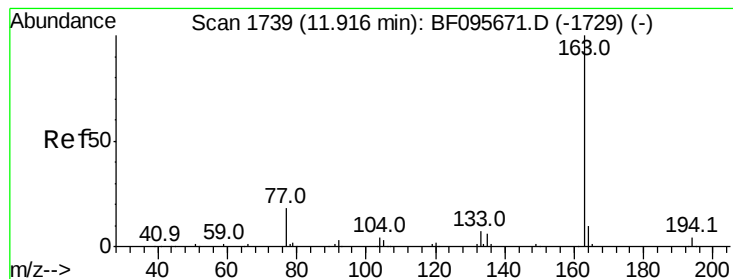
#44
 2-Fluorobiphenyl
 Concen: 72.82 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion:172 Resp: 557995
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 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: 11.17 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Instrument :

BNA_F

ClientSampleId :

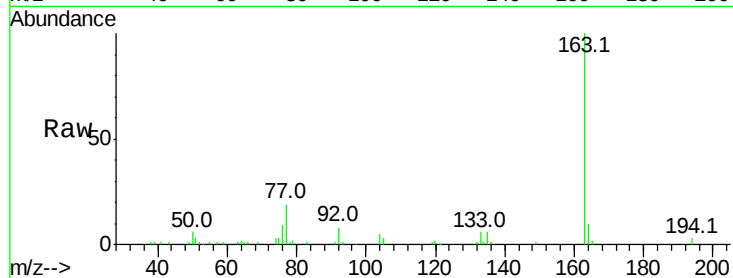
Tot Ion:163 Resp: 90460

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

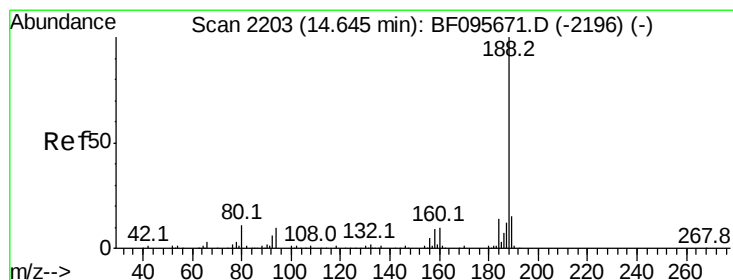
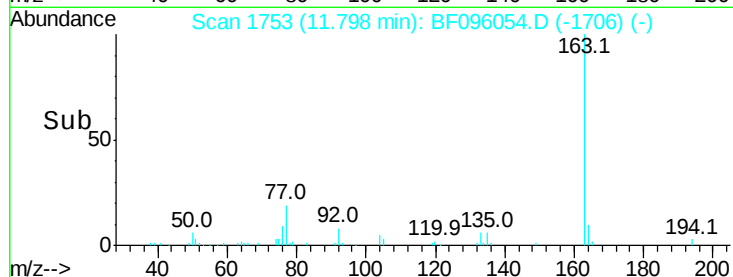
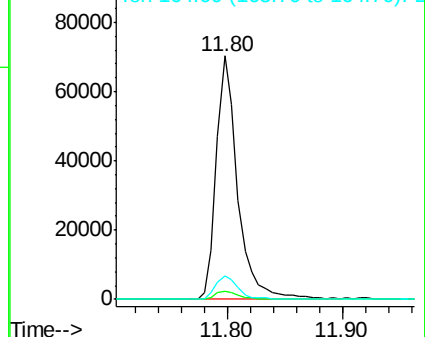
164 9.7 8.4 12.6



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: BF096054.D

Acq: 20 Jun 2017 20:15

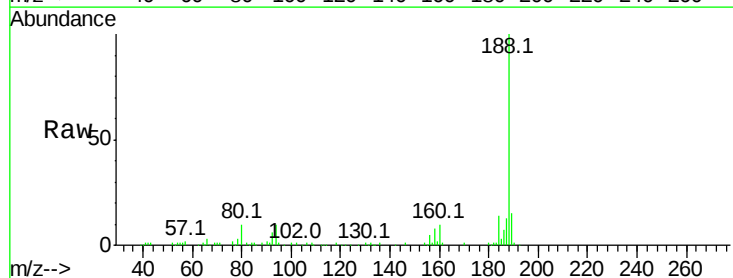
Tgt Ion:188 Resp: 169675

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

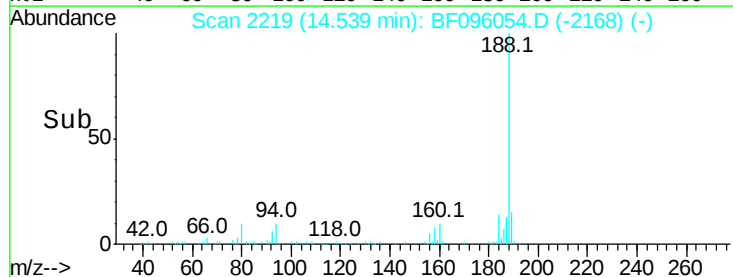
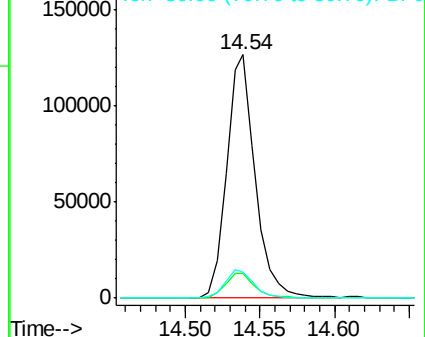
80 10.5 10.2 15.2



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

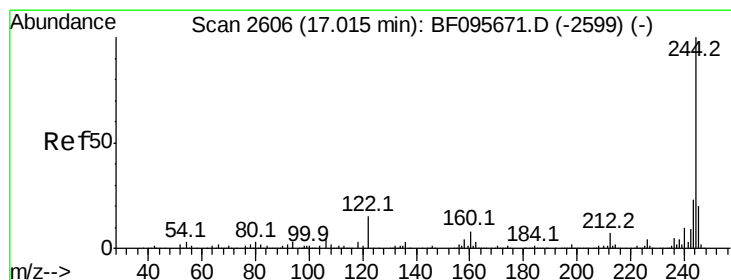
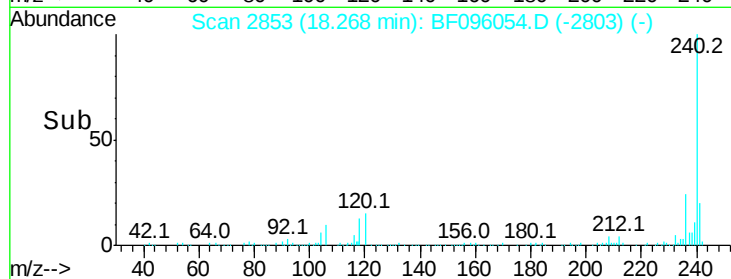
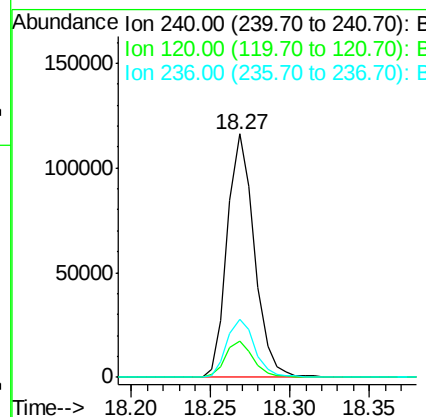
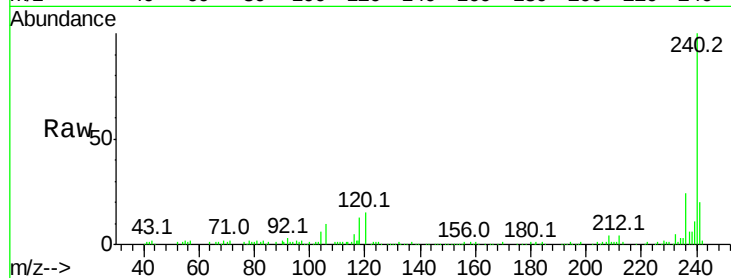




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

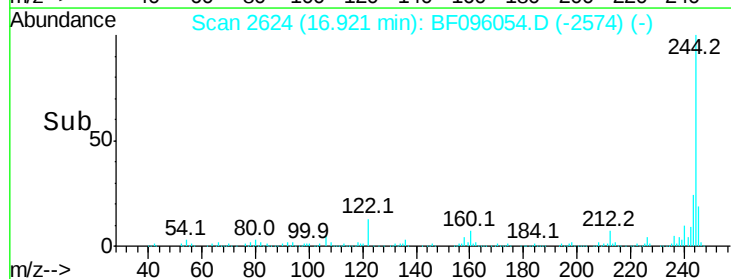
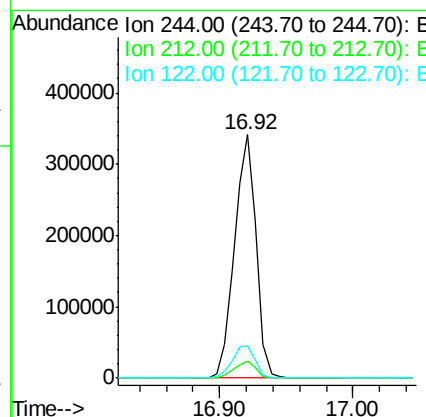
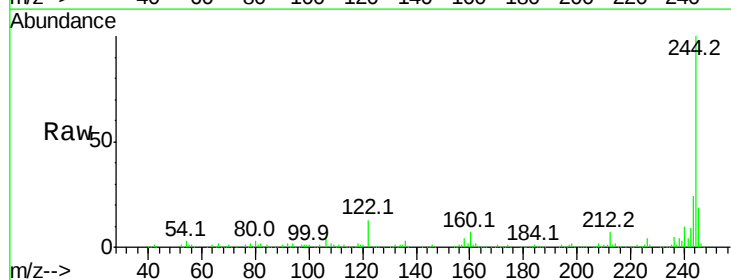
Instrument :
 BNA_F
 ClientSampleId :

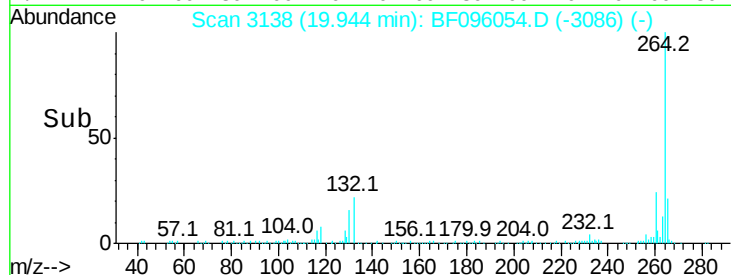
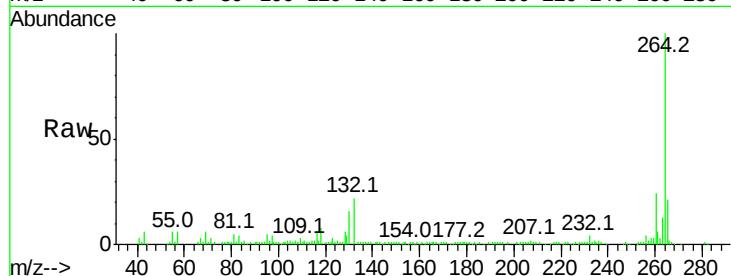
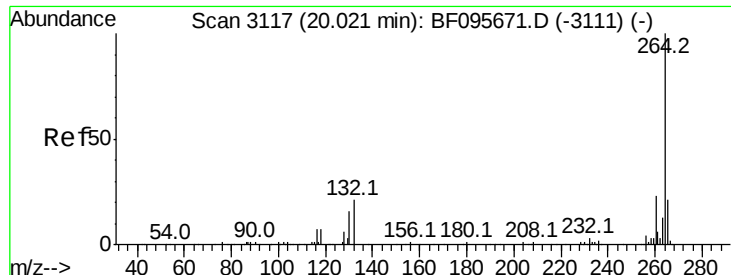
Tot Ion:240 Resp: 138326
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.65 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion:244 Resp: 388230
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 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: BF096054.D
 Acq: 20 Jun 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.7	17.2	25.8

