

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096092.D
 Acq On : 21 Jun 2017 19:19
 Operator : SJ/MA
 Sample : I3736-06 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G19-1.5-3

Quant Time: Jun 22 01:32:40 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

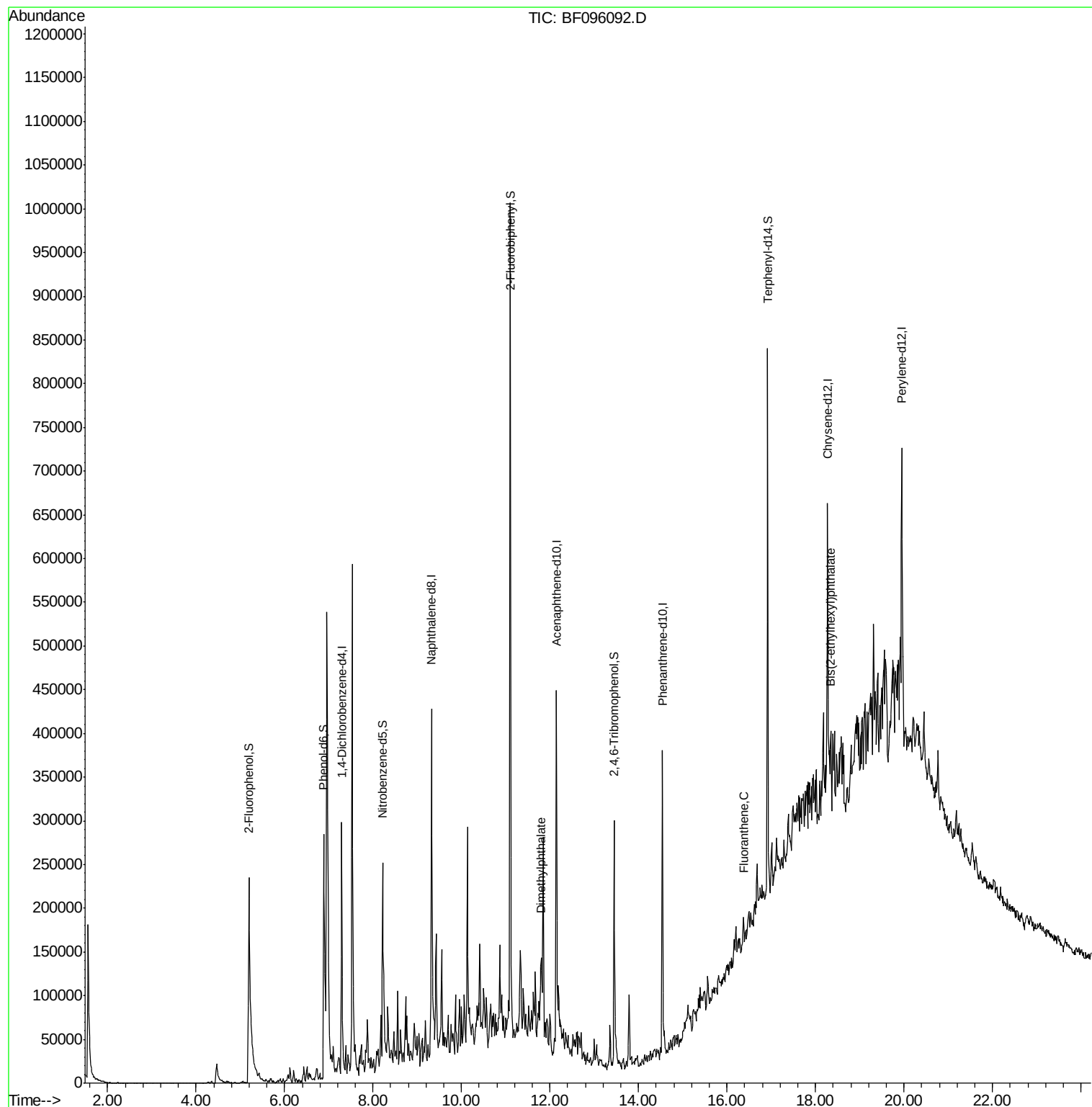
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	74456	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	294815	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	119226	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	175018	20.00	ng	0.00
75) Chrysene-d12	18.27	240	157657	20.00	ng	0.00
86) Perylene-d12	19.94	264	115182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	267413	57.23	ng	0.01
7) Phenol-d6	6.88	99	290426	51.92	ng	0.00
23) Nitrobenzene-d5	8.22	82	190253	40.08	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	54260	51.44	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	374252	43.68	ng	0.00
78) Terphenyl-d14	16.92	244	235642	37.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.80	163	45019	4.97	ng	97
74) Fluoranthene	16.37	202	21375	2.14	ng	93
83) Bis(2-ethylhexyl)phthalate	18.34	149	15947	2.20	ng	# 95

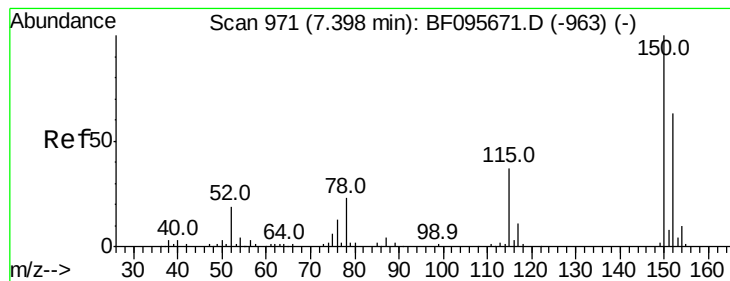
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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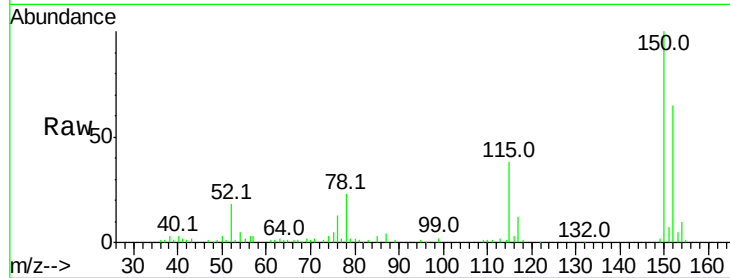


#1

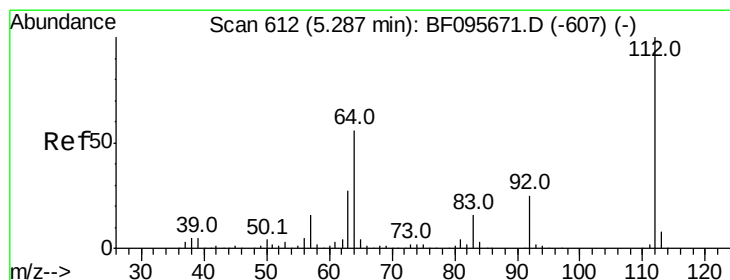
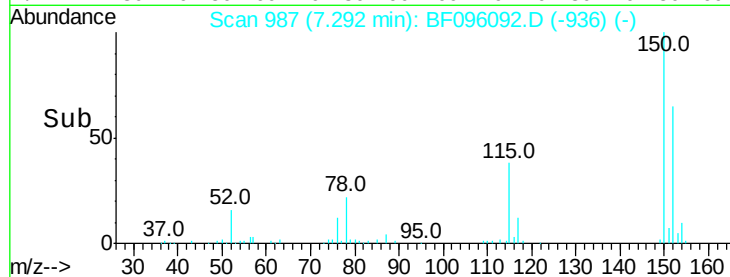
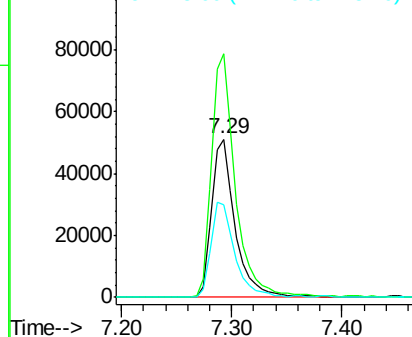
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096092.D
Acq: 21 Jun 2017 19:19

Instrument :
BNA_F
ClientSampleId :
G19-1.5-3

Tot Ion:152 Resp: 74456
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 58.3 52.2 78.2



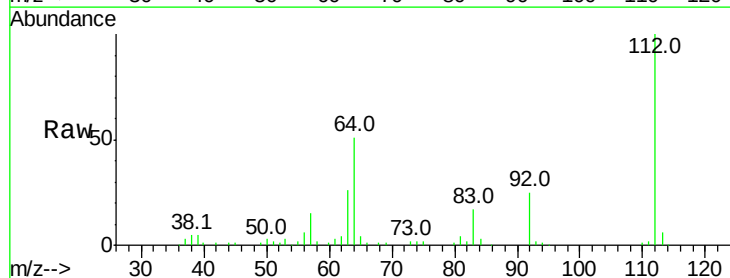
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



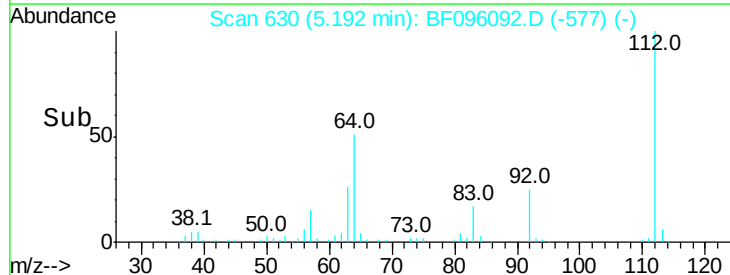
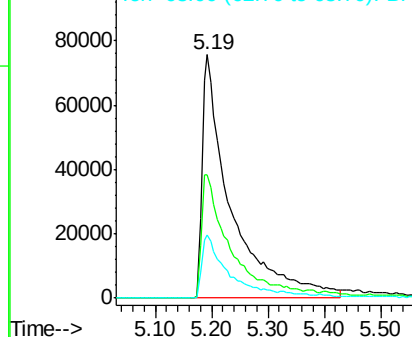
#5

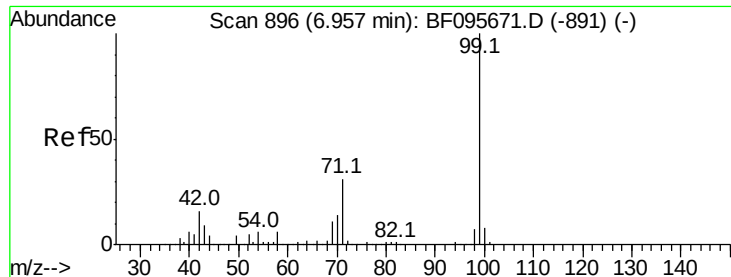
2-Fluorophenol
Concen: 57.23 ng
RT: 5.19 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF096092.D
Acq: 21 Jun 2017 19:19

Tgt Ion:112 Resp: 267413
Ion Ratio Lower Upper
112 100
64 50.8 46.0 69.0
63 26.0 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: 51.92 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G19-1.5-3

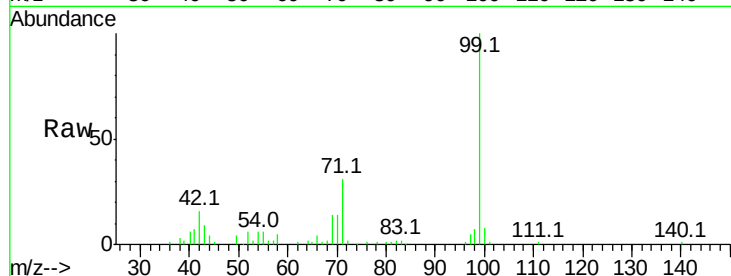
Tot Ion: 99 Resp: 290426

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

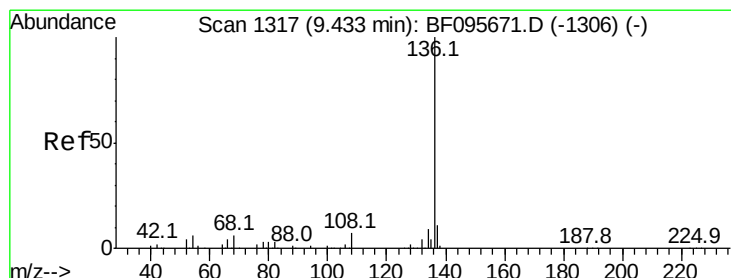
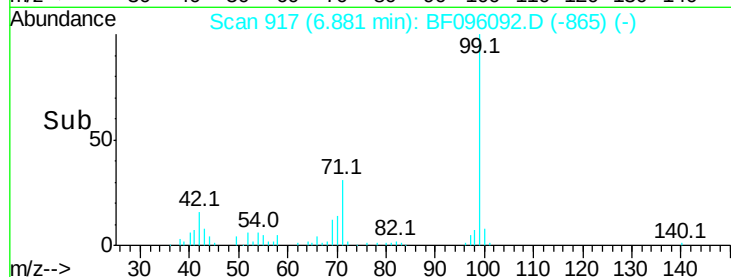
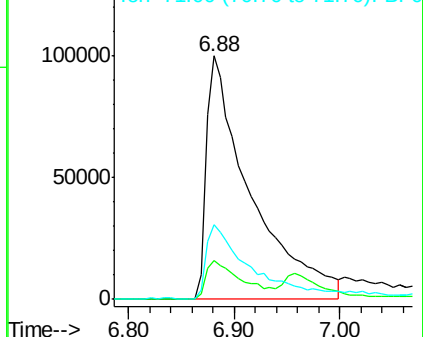
71 30.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

Tgt Ion: 136 Resp: 294815

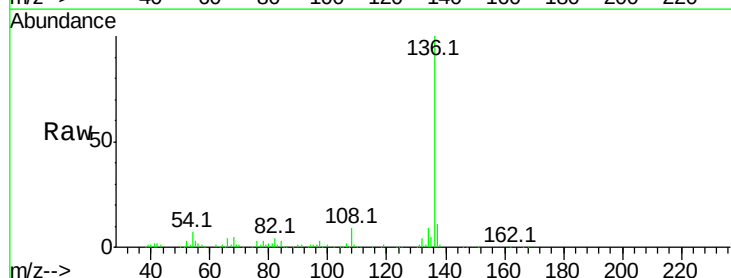
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3

68 5.5 4.1 6.1

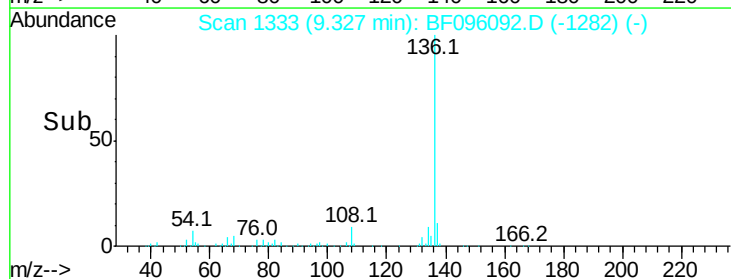
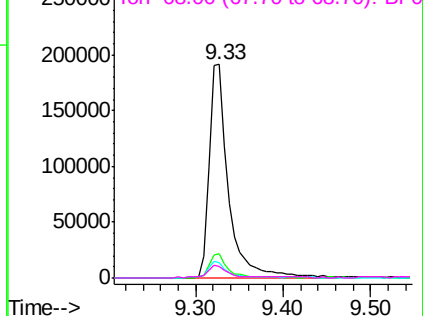


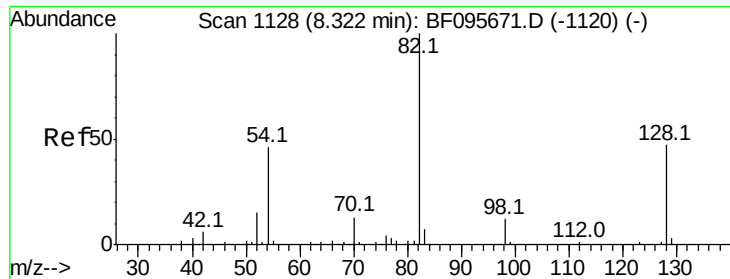
Abundance Ion 136.00 (135.70 to 136.70): E

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

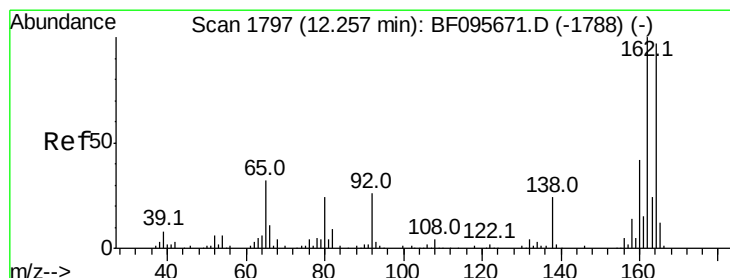
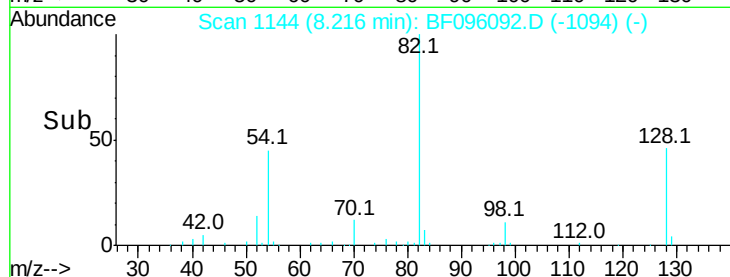
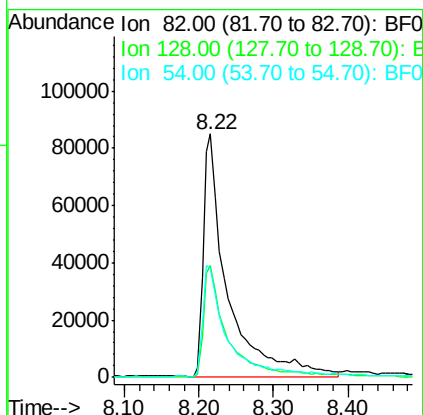
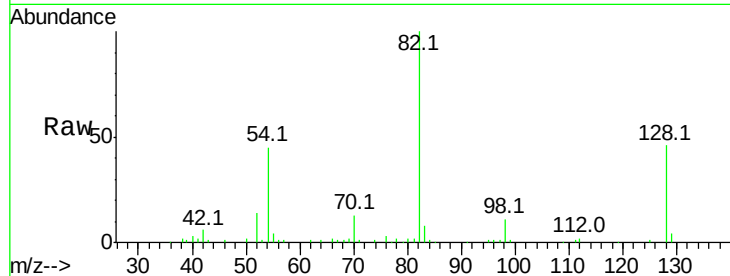




#23
Nitrobenzene-d5
Concen: 40.08 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096092.D
Acq: 21 Jun 2017 19:19

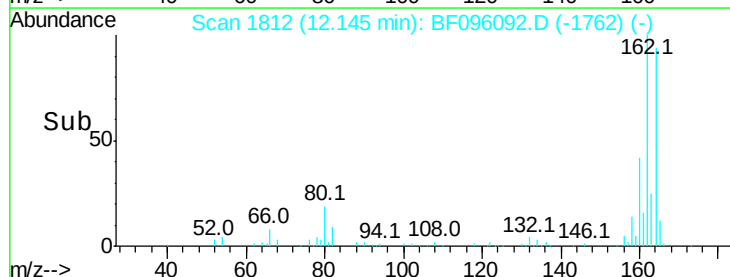
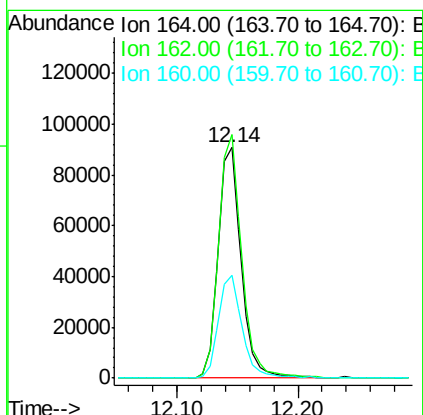
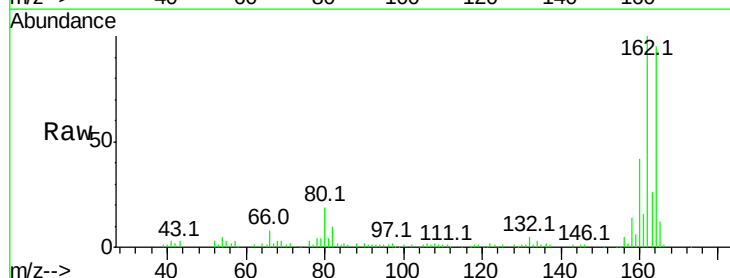
Instrument :
BNA_F
ClientSampleId :
G19-1.5-3

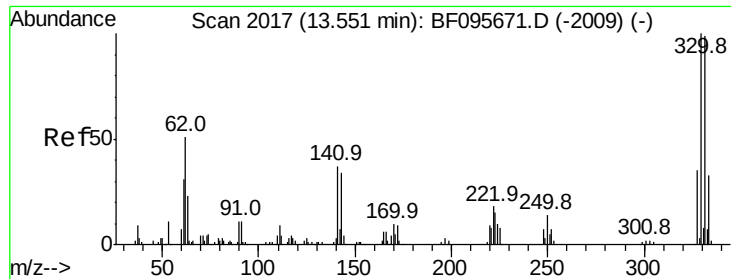
Tot Ion: 82 Resp: 190253
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 44.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096092.D
Acq: 21 Jun 2017 19:19

Tgt Ion:164 Resp: 119226
Ion Ratio Lower Upper
164 100
162 105.6 82.6 123.8
160 44.7 36.2 54.2

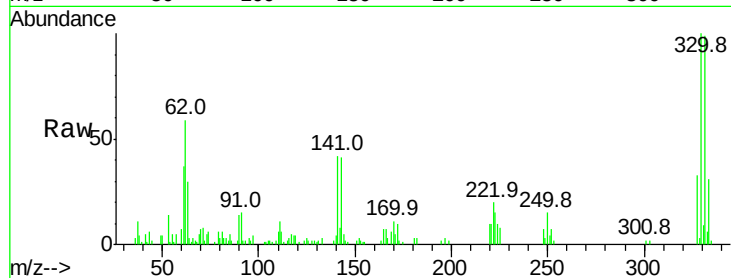




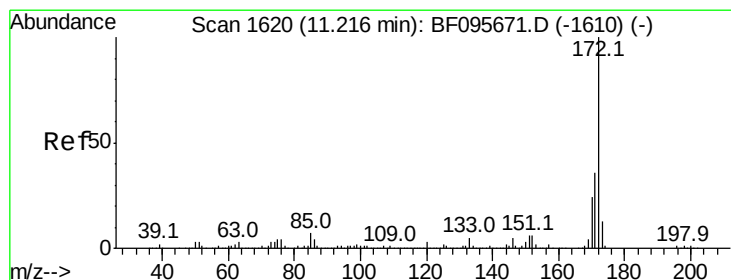
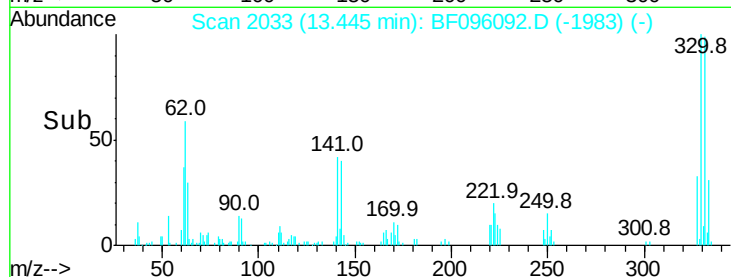
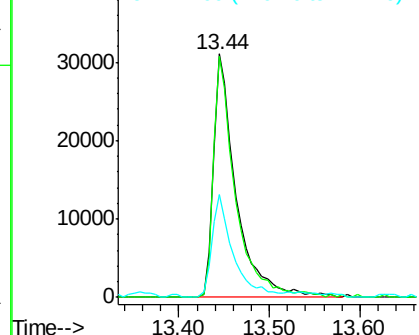
#41
 2,4,6-Tribromophenol
 Concen: 51.44 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096092.D
 Acq: 21 Jun 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 G19-1.5-3

Tot Ion:330 Resp: 54260
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.4 31.4 47.2

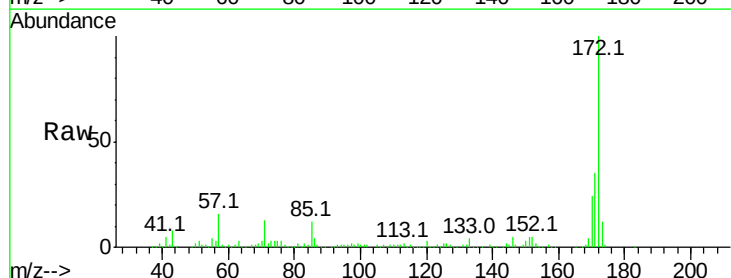


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

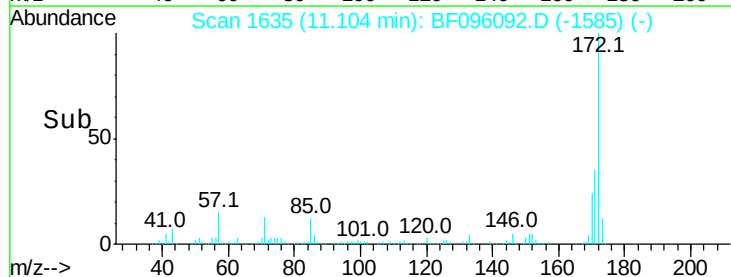
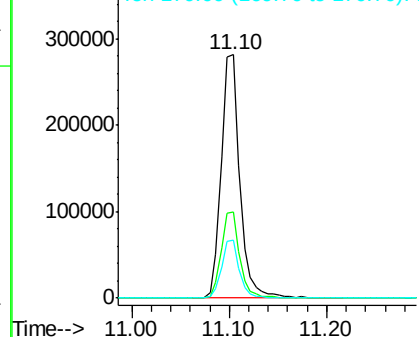


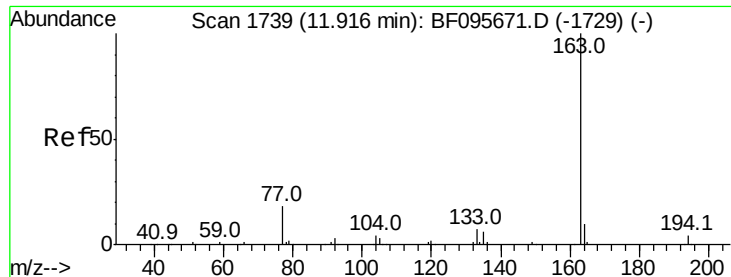
#44
 2-Fluorobiphenyl
 Concen: 43.68 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096092.D
 Acq: 21 Jun 2017 19:19

Tgt Ion:172 Resp: 374252
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.8 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: 4.97 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G19-1.5-3

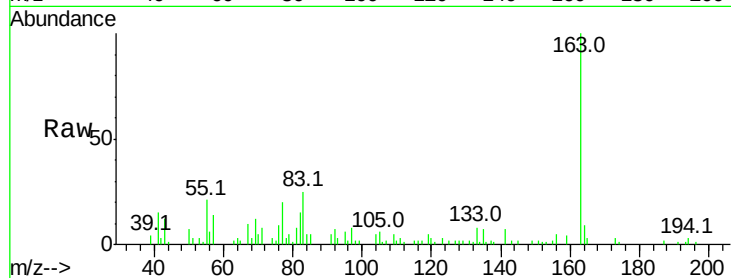
Tot Ion:163 Resp: 45019

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

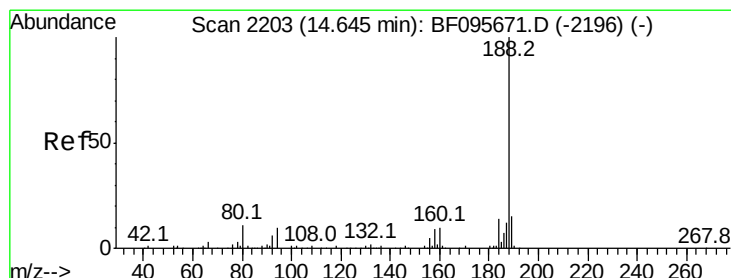
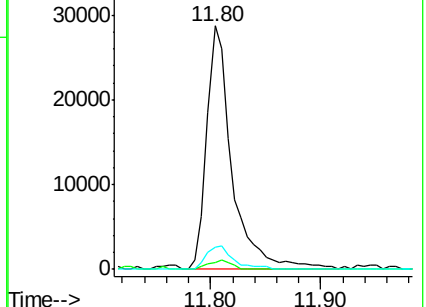
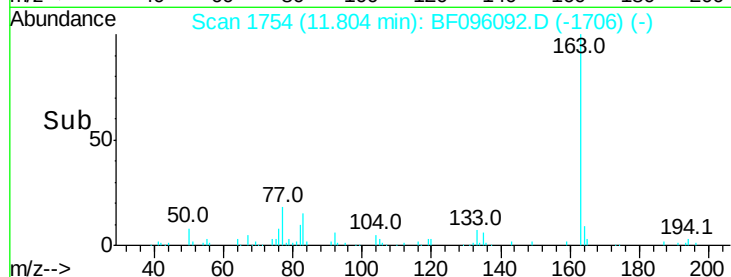
164 9.2 8.4 12.6



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: BF096092.D

Acq: 21 Jun 2017 19:19

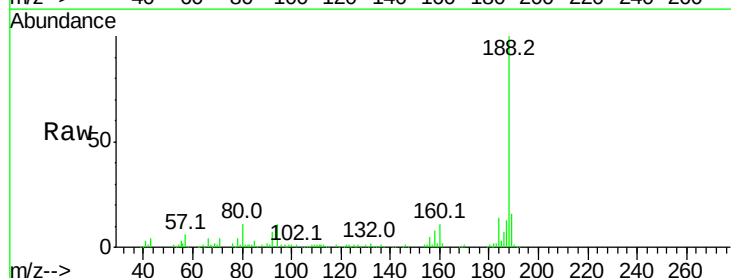
Tgt Ion:188 Resp: 175018

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

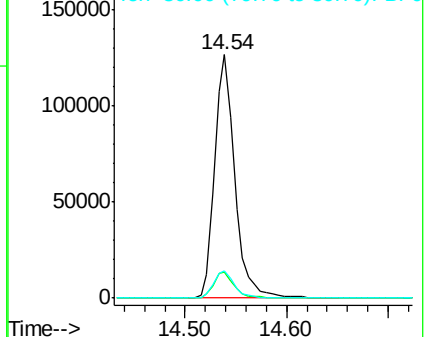
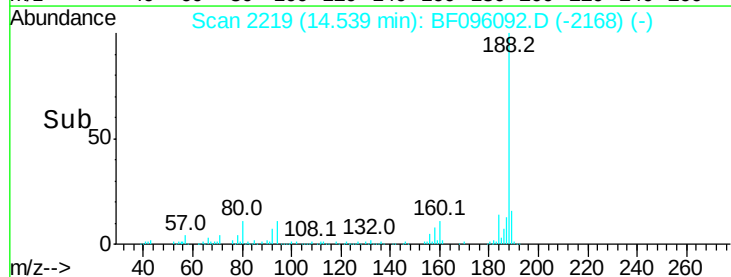
80 11.2 10.2 15.2

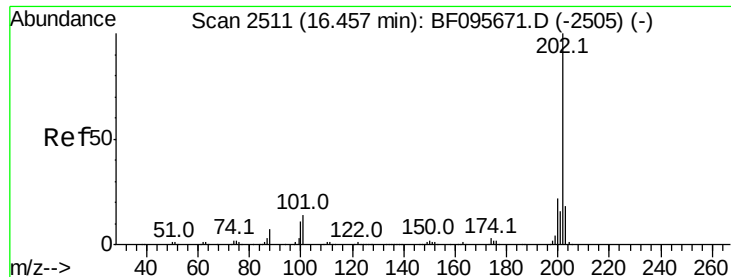


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.14 ng

RT: 16.37 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G19-1.5-3

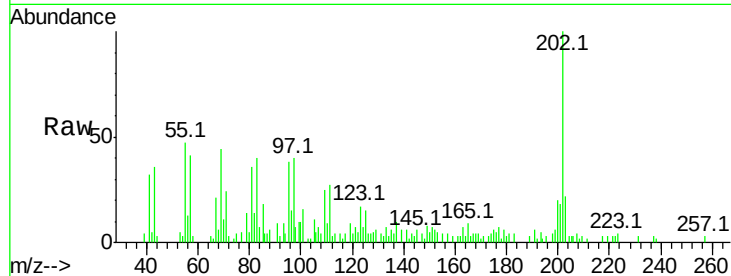
Tot Ion:202 Resp: 21375

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.2

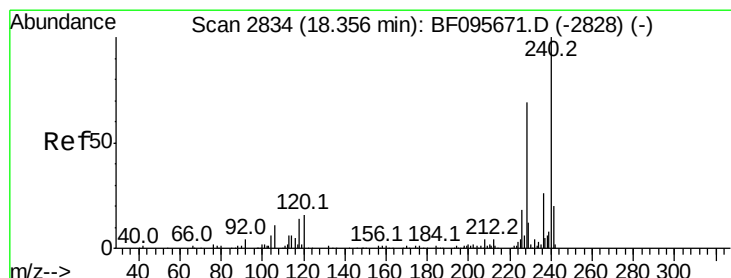
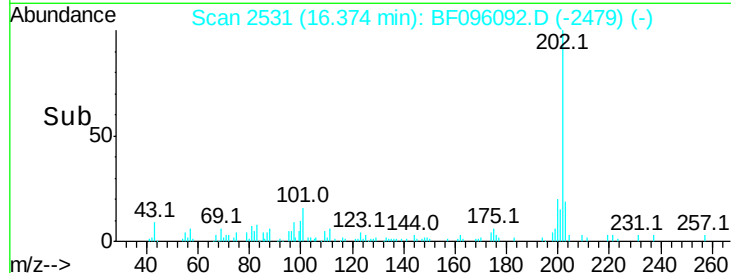
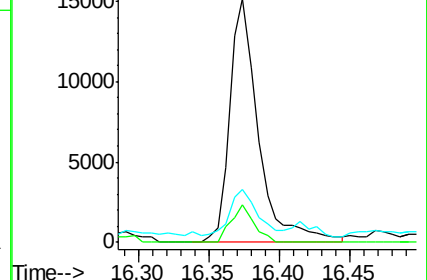
203 21.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

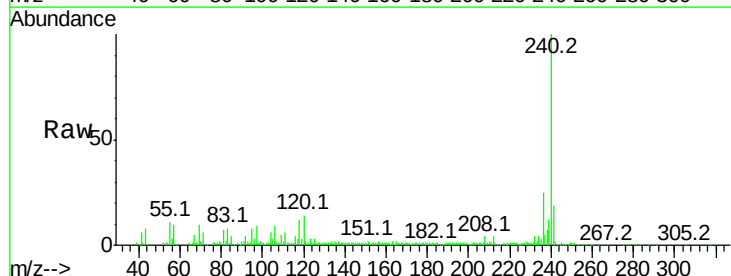
Tgt Ion:240 Resp: 157657

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

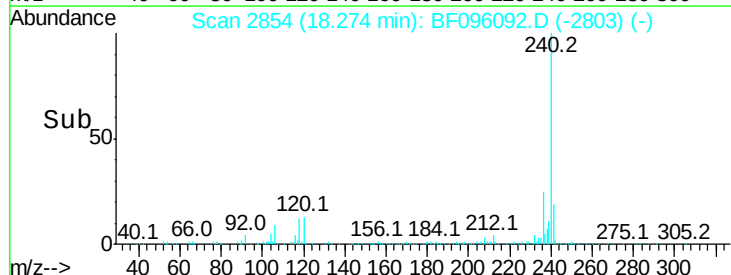
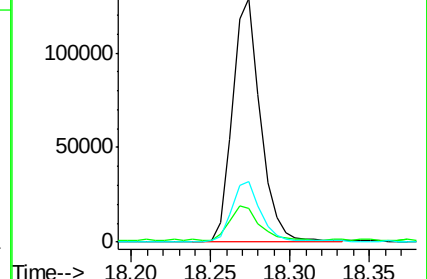
236 24.9 20.5 30.7

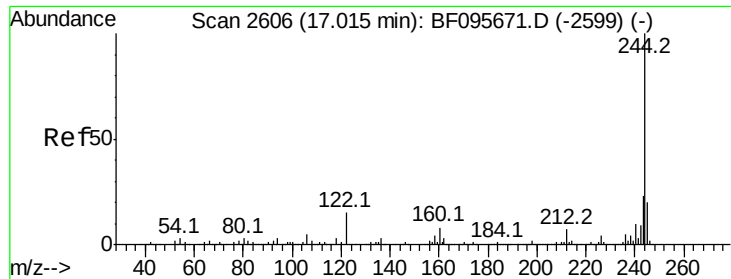


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 37.09 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

Instrument :

BNA_F

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G19-1.5-3

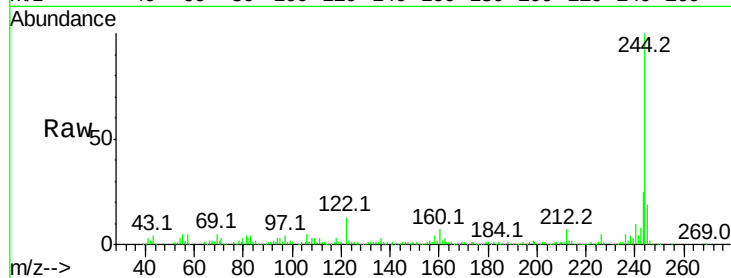
Tot Ion:244 Resp: 235642

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

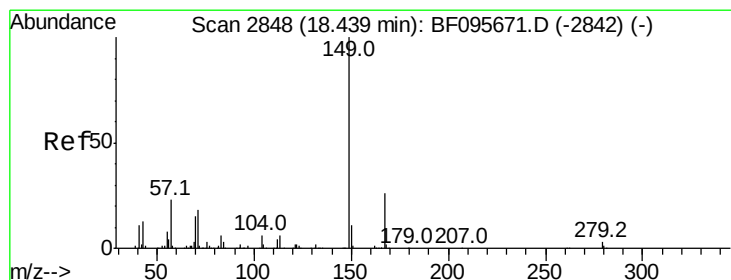
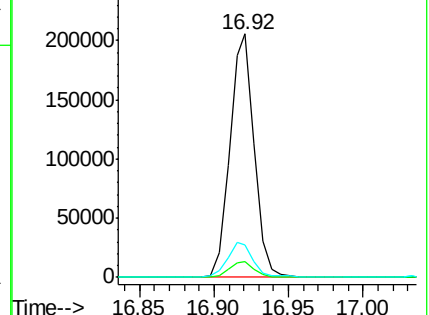
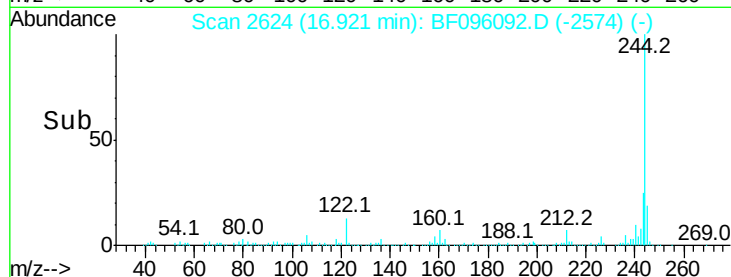
122 13.3 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.20 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096092.D

Acq: 21 Jun 2017 19:19

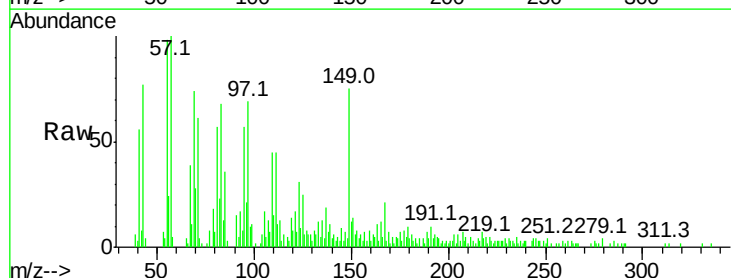
Tgt Ion:149 Resp: 15947

Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.4

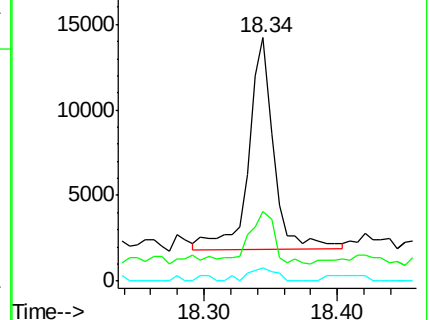
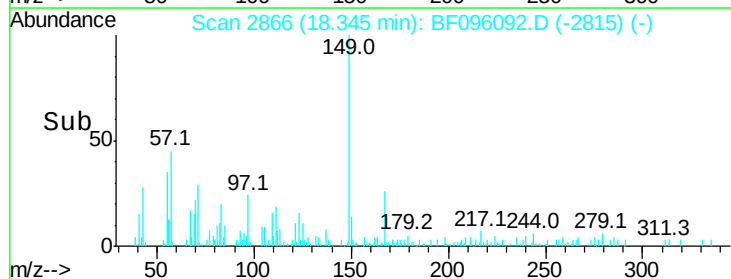
279 5.2 1.9 2.9#

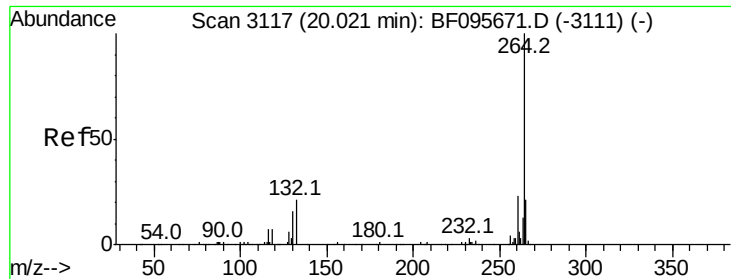


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096092.D
Acq: 21 Jun 2017 19:19

Instrument :
BNA_F
ClientSampleId :
G19-1.5-3

Tot Ion: 264 Resp: 115182

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.6	17.2	25.8

