

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096066.D
 Acq On : 21 Jun 2017 4:36
 Operator : SJ/MA
 Sample : I3722-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 06:08:06 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

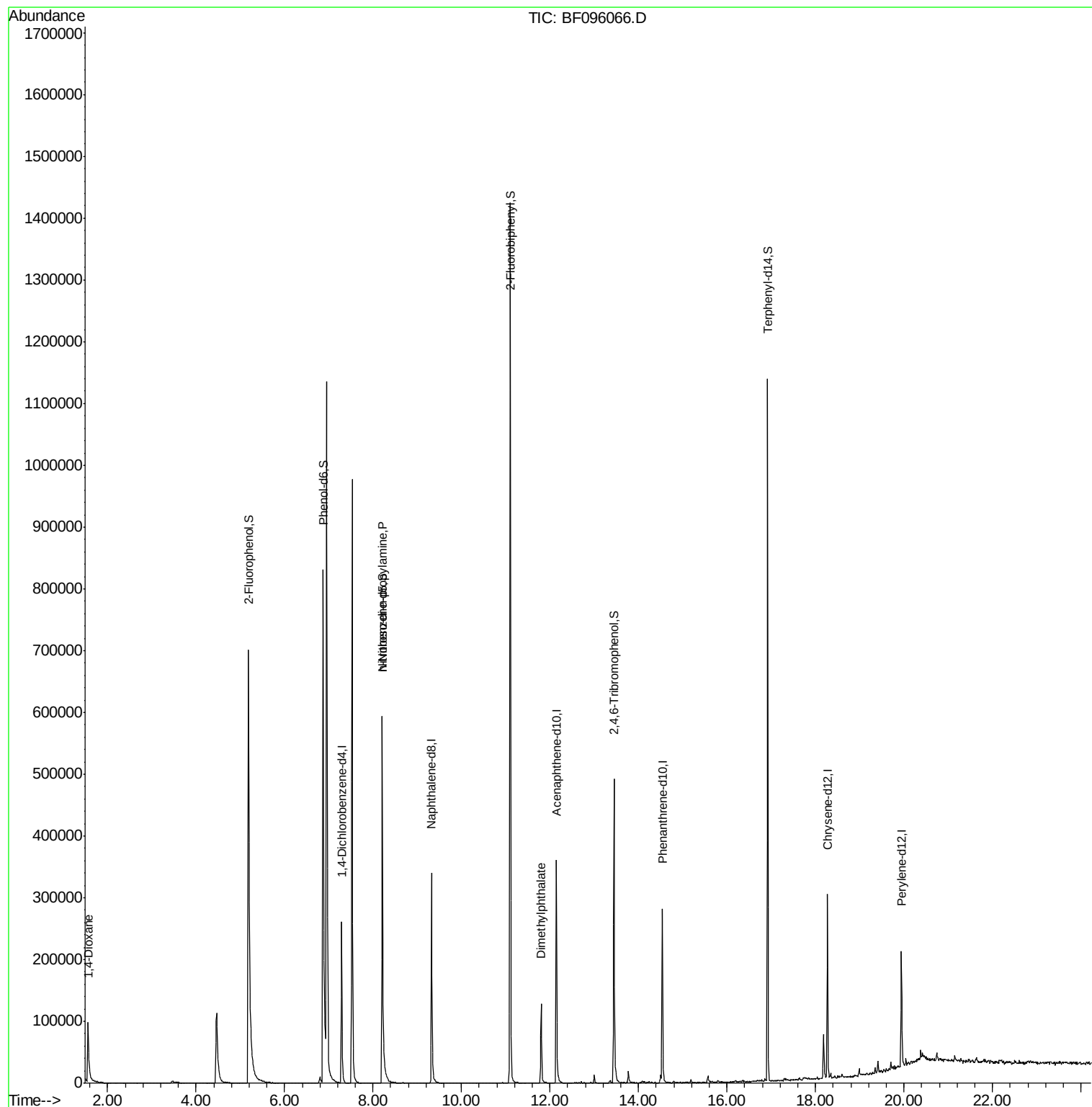
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67341	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	260610	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	105651	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	165774	20.00	ng	0.00
75) Chrysene-d12	18.27	240	123286	20.00	ng	0.00
86) Perylene-d12	19.94	264	87720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	498230	117.89	ng	0.00
7) Phenol-d6	6.87	99	614651	121.49	ng	0.00
23) Nitrobenzene-d5	8.21	82	340581	81.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	90127	96.42	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	662697	87.29	ng	0.00
78) Terphenyl-d14	16.92	244	443231	89.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	4467	2.22	ng	# 25
19) n-Nitroso-di-n-propylamine	8.21	70	40838	12.74	ng	# 75
49) Dimethylphthalate	11.80	163	94553	11.79	ng	99

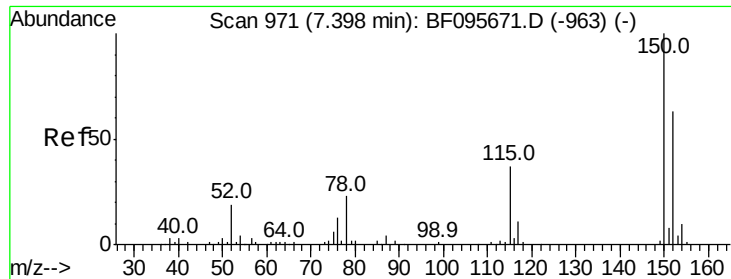
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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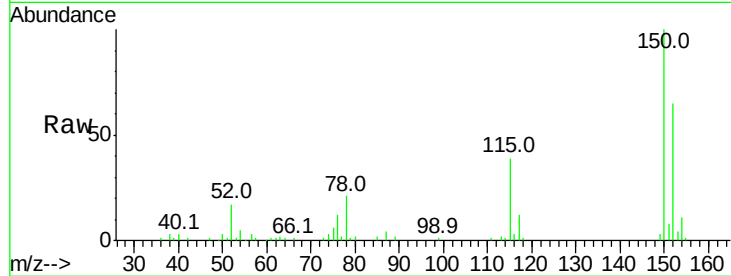


#1

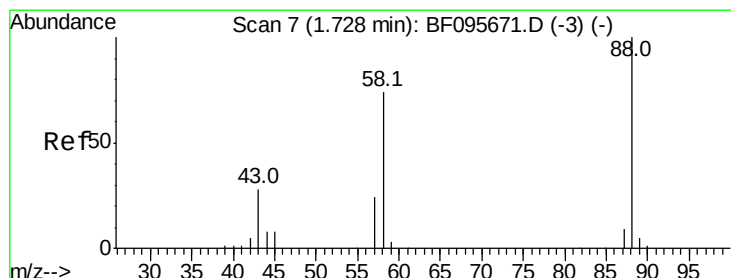
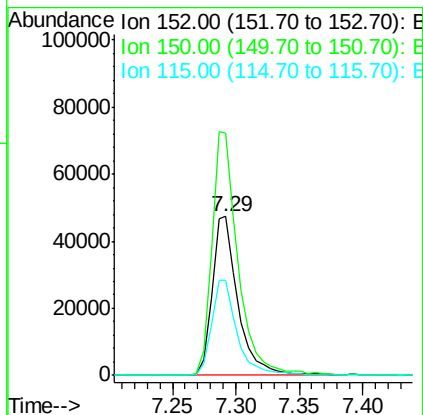
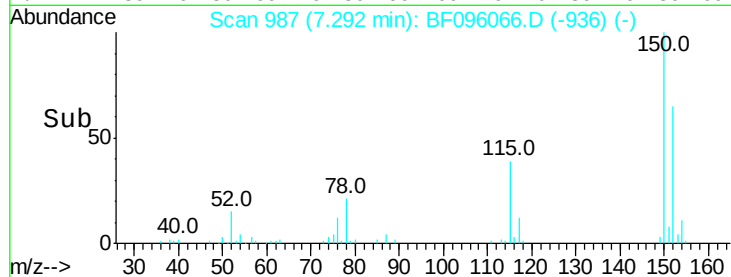
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096066.D
Acq: 21 Jun 2017 4:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 67341
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 60.4 52.2 78.2



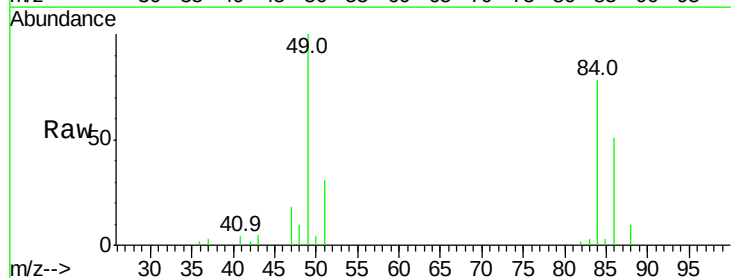
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



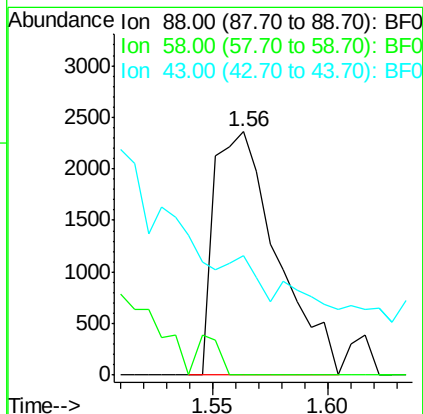
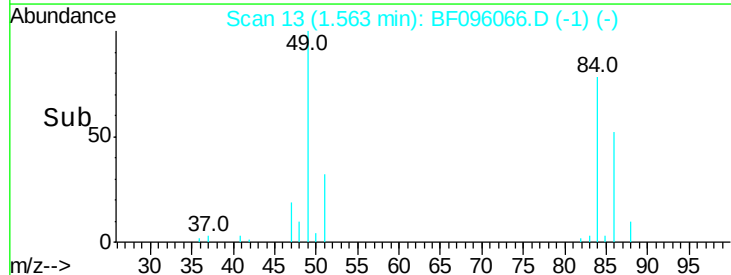
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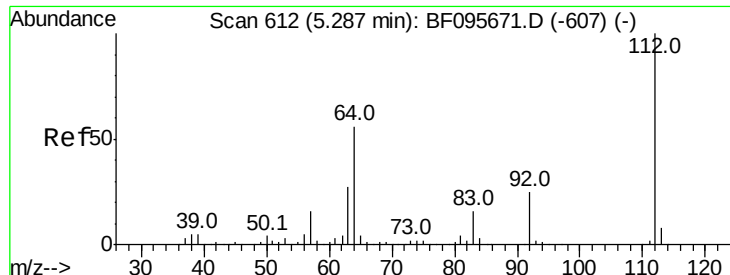
1,4-Dioxane
Concen: 2.22 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.05 min
Lab File: BF096066.D
Acq: 21 Jun 2017 4:36

Tgt Ion: 88 Resp: 4467
Ion Ratio Lower Upper
88 100
58 5.7 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

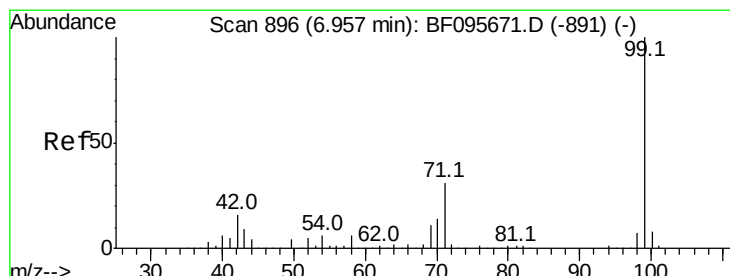
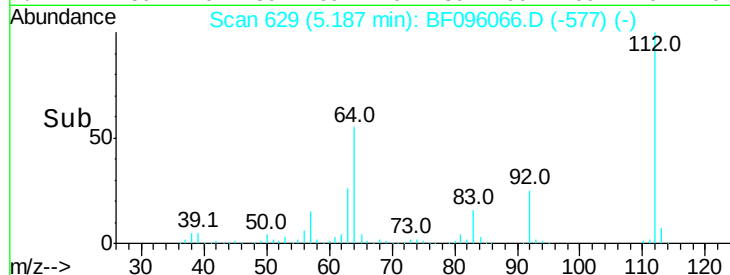
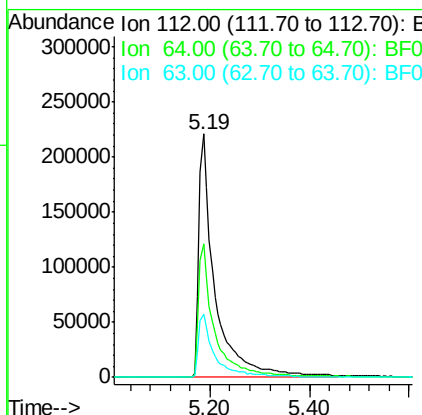
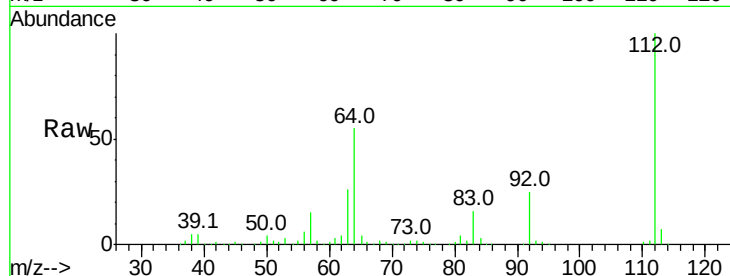




#5
 2-Fluorophenol
 Concen: 117.89 ng
 RT: 5.19 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

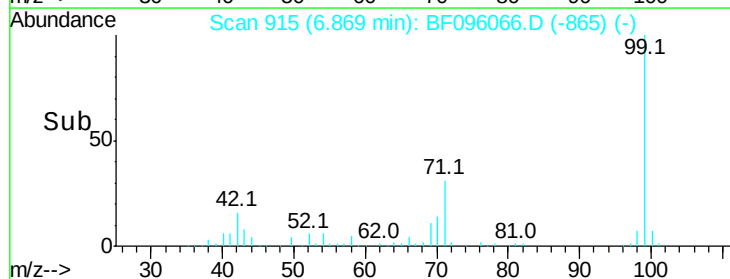
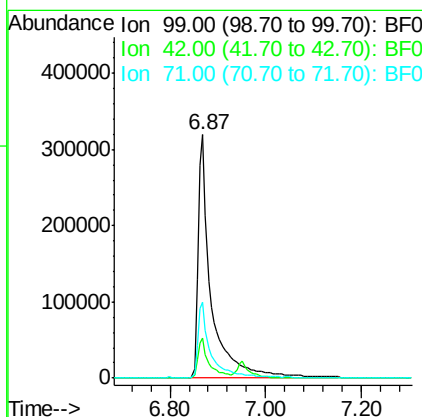
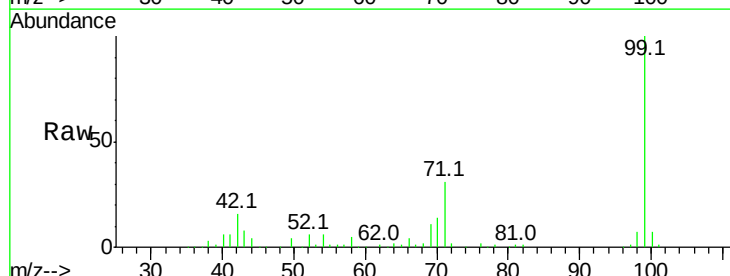
Instrument :
 BNA_F
 ClientSampled :

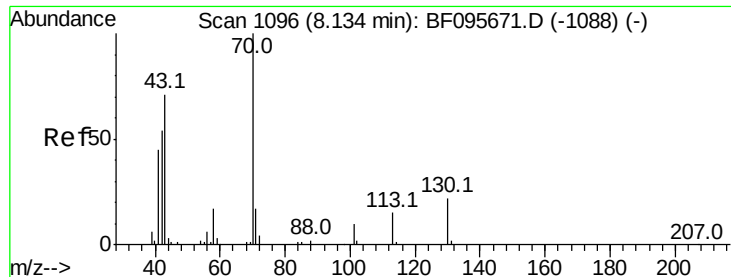
Tot Ion:	112	Resp:	498230
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.2	23.4	35.0



#7
 Phenol-d6
 Concen: 121.49 ng
 RT: 6.87 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

Tgt Ion:	99	Resp:	614651
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	31.3	24.5	36.7

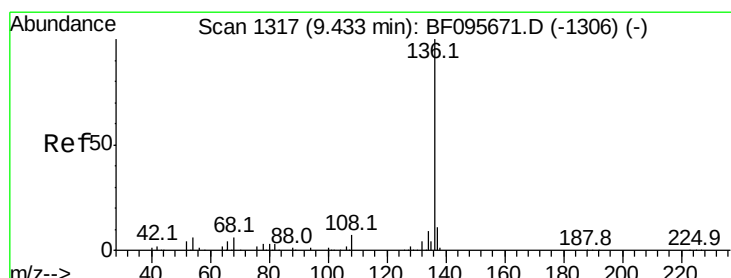
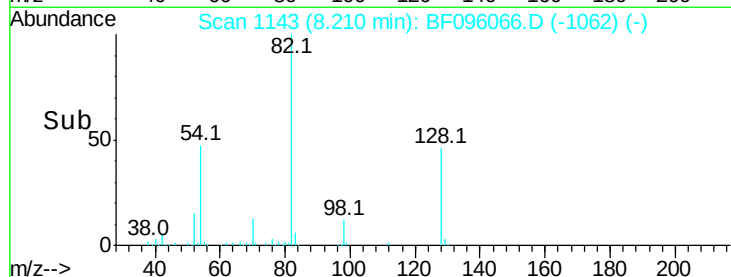
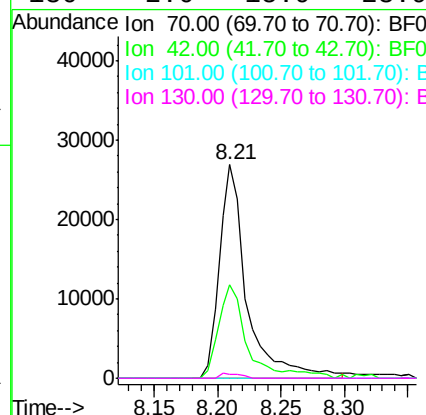
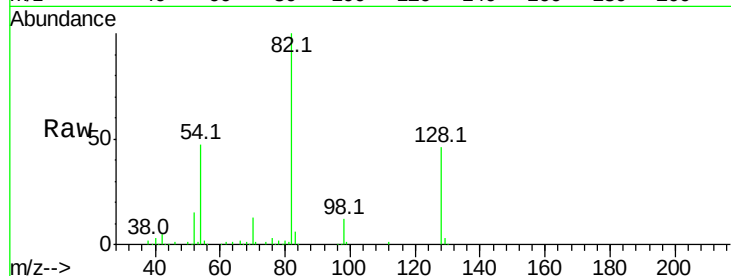




#19
n-Nitroso-di-n-propylamine
Concen: 12.74 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096066.D
Acq: 21 Jun 2017 4:36

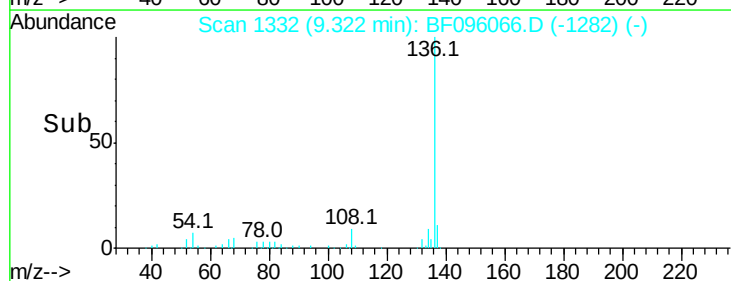
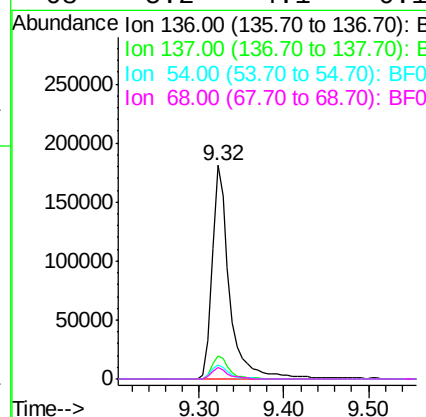
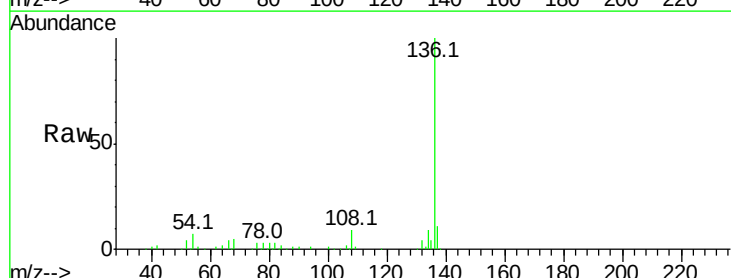
Instrument :
BNA_F
ClientSampleId :

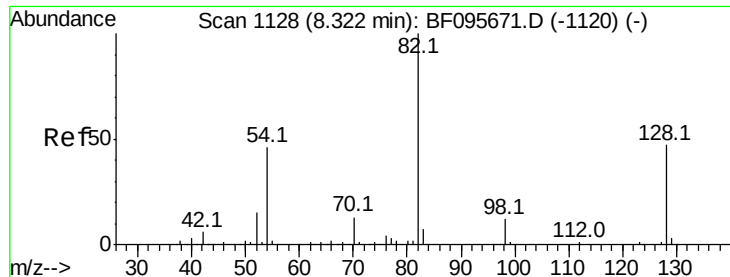
Tot Ion: 70 Resp: 40838
Ion Ratio Lower Upper
70 100
42 43.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096066.D
Acq: 21 Jun 2017 4:36

Tgt Ion: 136 Resp: 260610
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.9 4.9 7.3
68 5.2 4.1 6.1

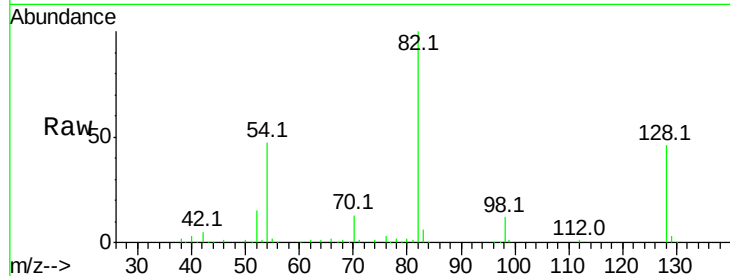




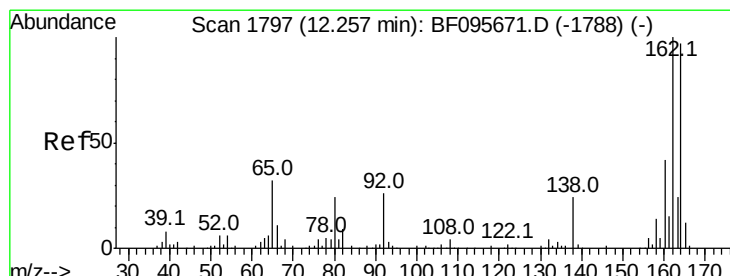
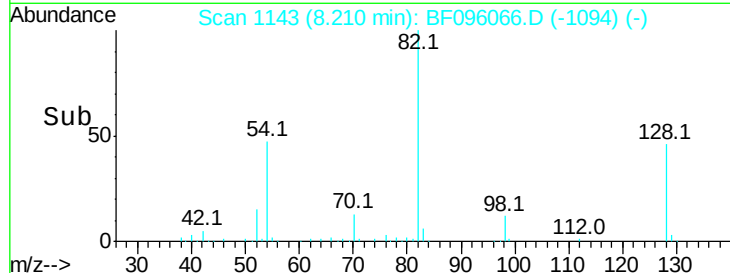
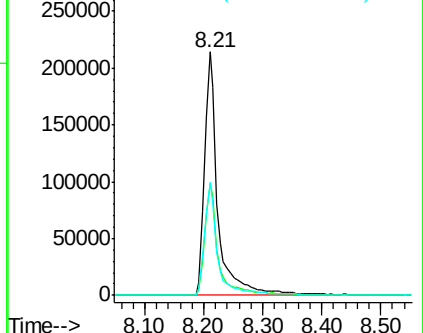
#23
 Nitrobenzene-d5
 Concen: 81.16 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 340581
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.6 42.2 63.2

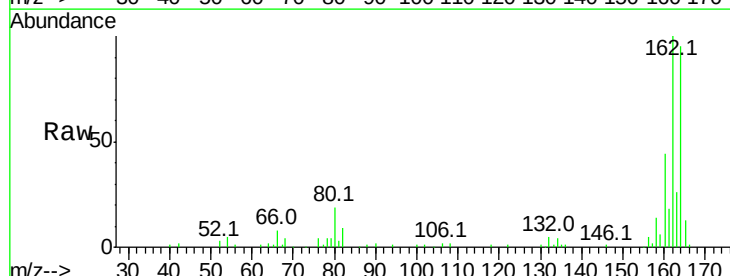


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

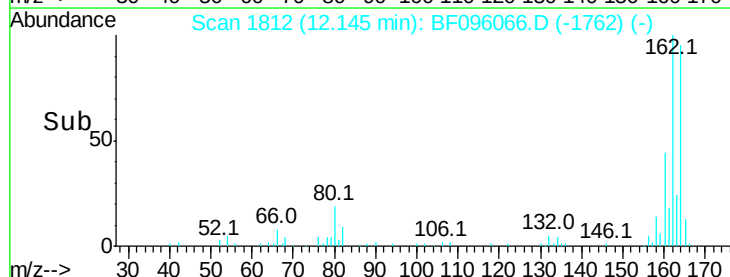
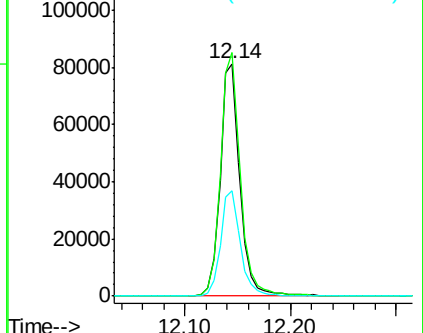


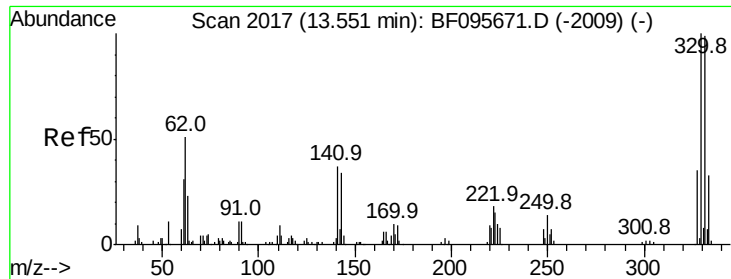
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

Tgt Ion:164 Resp: 105651
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 45.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

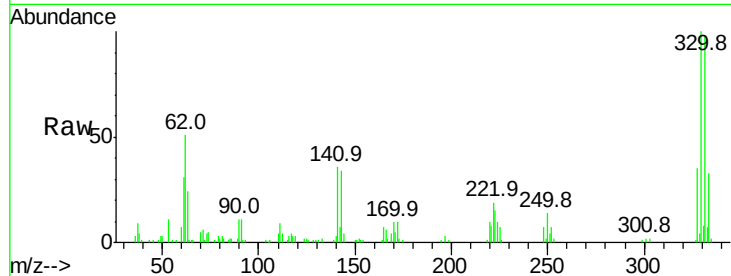




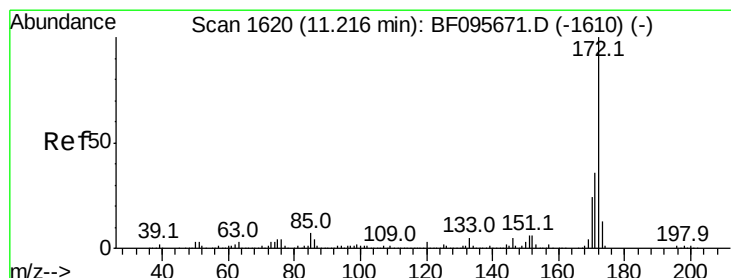
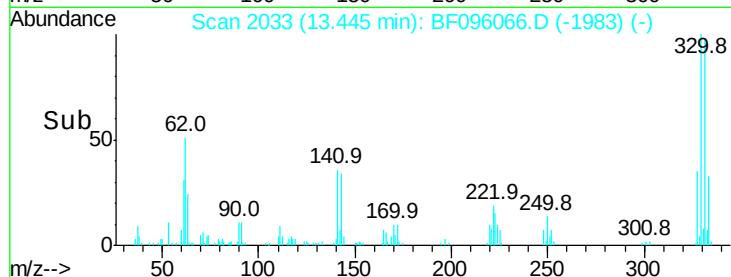
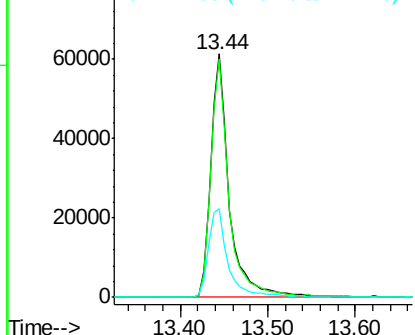
#41
 2,4,6-Tribromophenol
 Concen: 96.42 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 90127
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.3 31.4 47.2

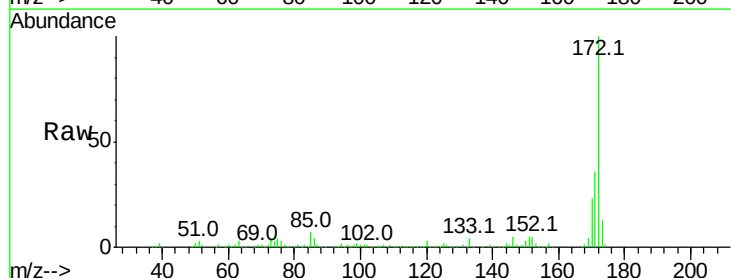


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

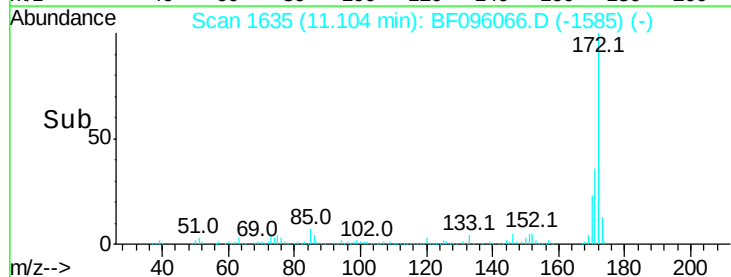
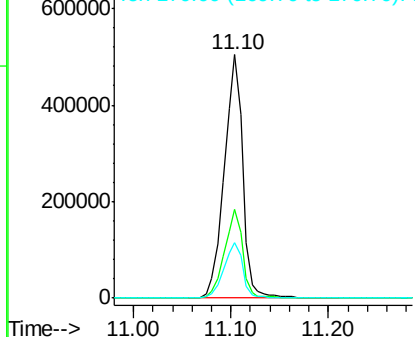


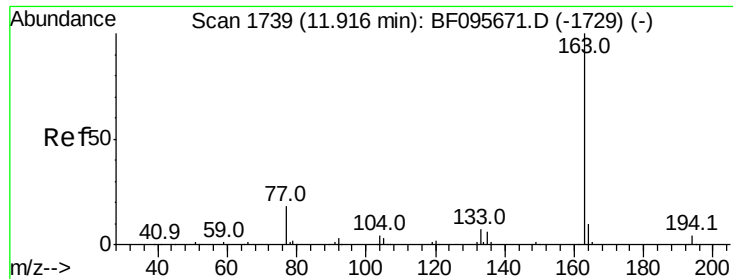
#44
 2-Fluorobiphenyl
 Concen: 87.29 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096066.D
 Acq: 21 Jun 2017 4:36

Tgt Ion:172 Resp: 662697
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.0 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: 11.79 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096066.D

Acq: 21 Jun 2017 4:36

Instrument :

BNA_F

ClientSampleId :

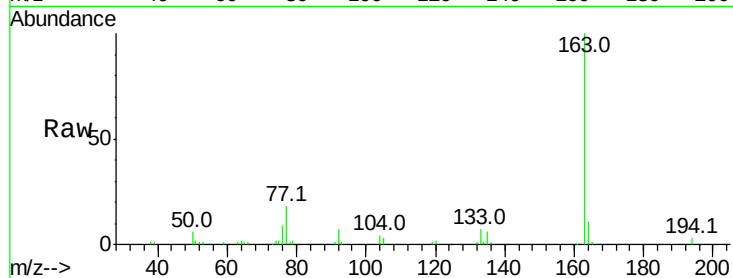
Tot Ion:163 Resp: 94553

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

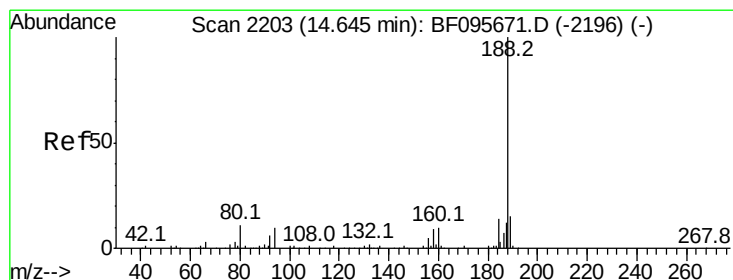
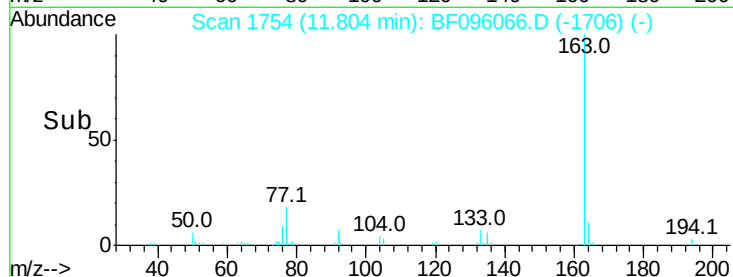
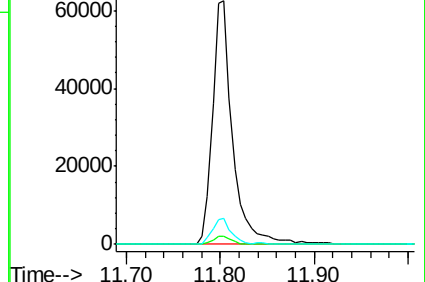
164 10.8 8.4 12.6



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: BF096066.D

Acq: 21 Jun 2017 4:36

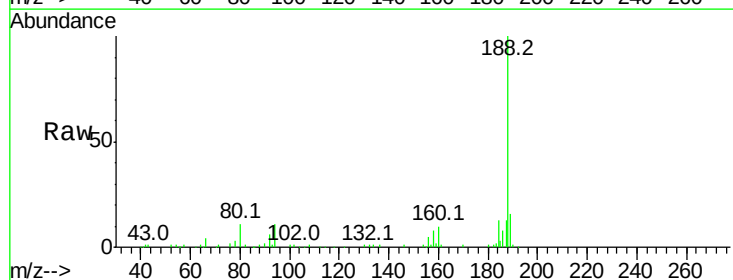
Tgt Ion:188 Resp: 165774

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

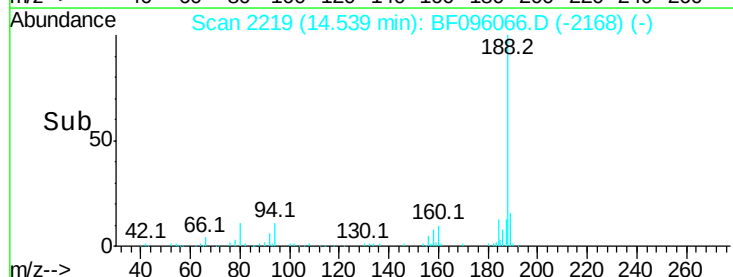
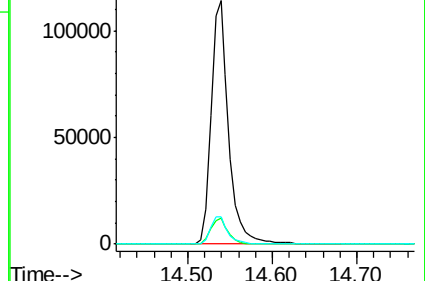
80 11.2 10.2 15.2

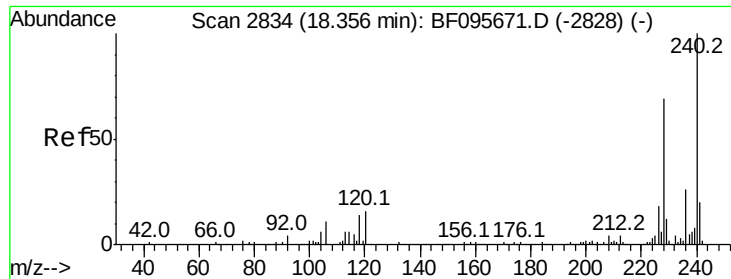


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096066.D

Acq: 21 Jun 2017 4:36

Instrument :

BNA_F

ClientSampleId :

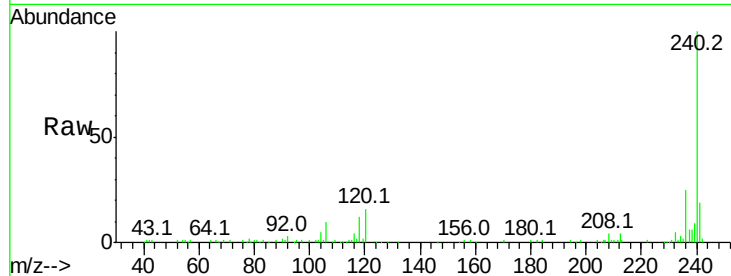
Tot Ion:240 Resp: 123286

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

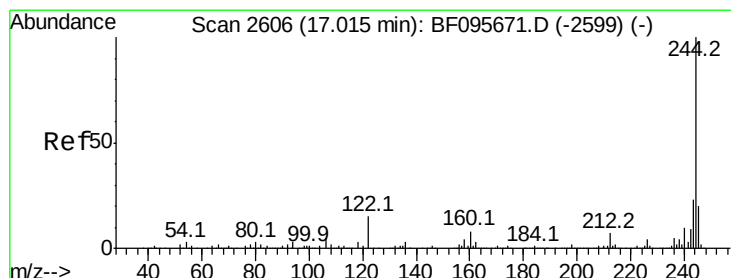
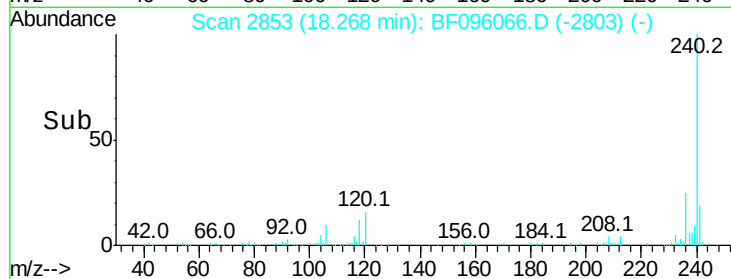
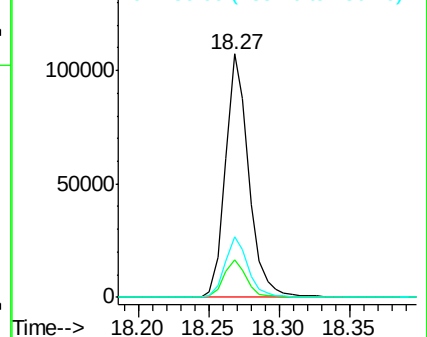
236 24.9 20.5 30.7



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: 89.22 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096066.D

Acq: 21 Jun 2017 4:36

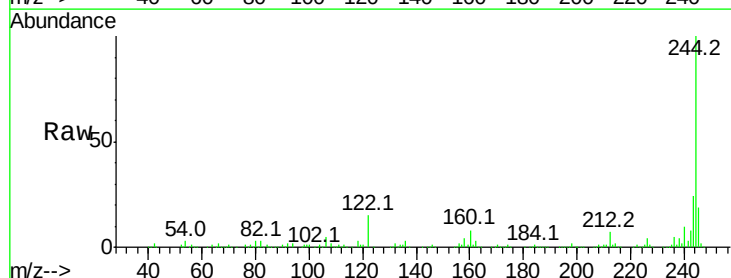
Tgt Ion:244 Resp: 443231

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

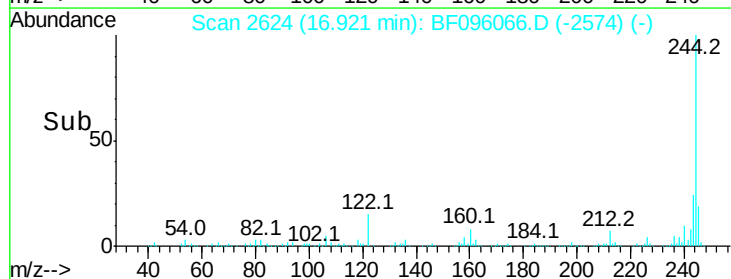
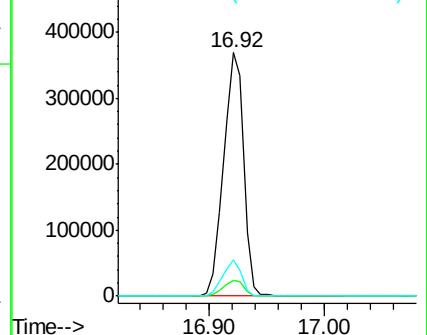
122 14.9 10.3 15.5

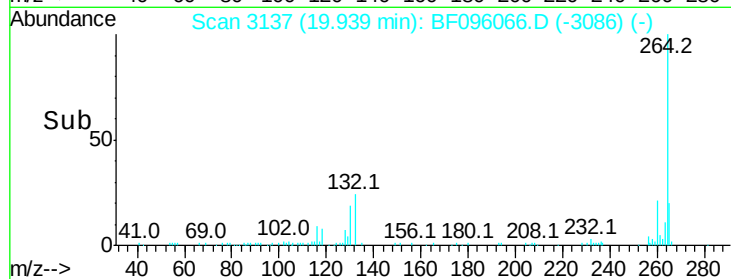
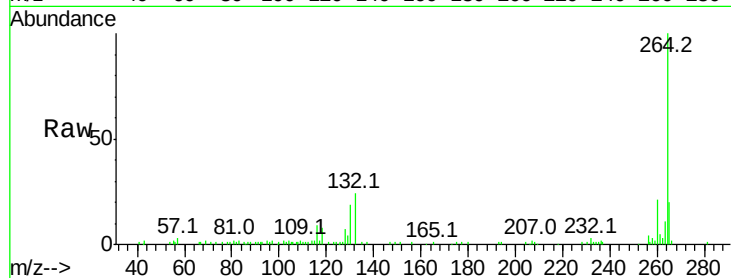
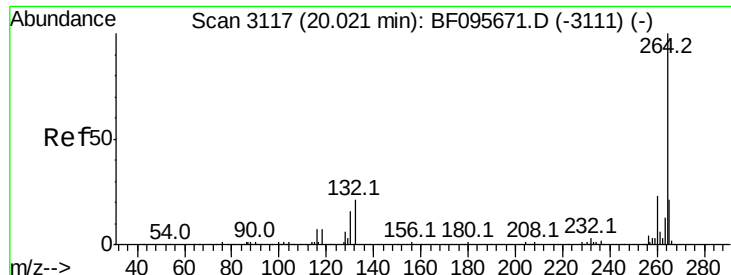


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.94 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BF096066.D

Acq: 21 Jun 2017 4:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 87720

Ion Ratio Lower Upper

264 100

260 20.7 19.5 29.3

265 20.2 17.2 25.8

