

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096136.D
 Acq On : 22 Jun 2017 22:47
 Operator : SJ/MA
 Sample : I3781-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:20:56 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

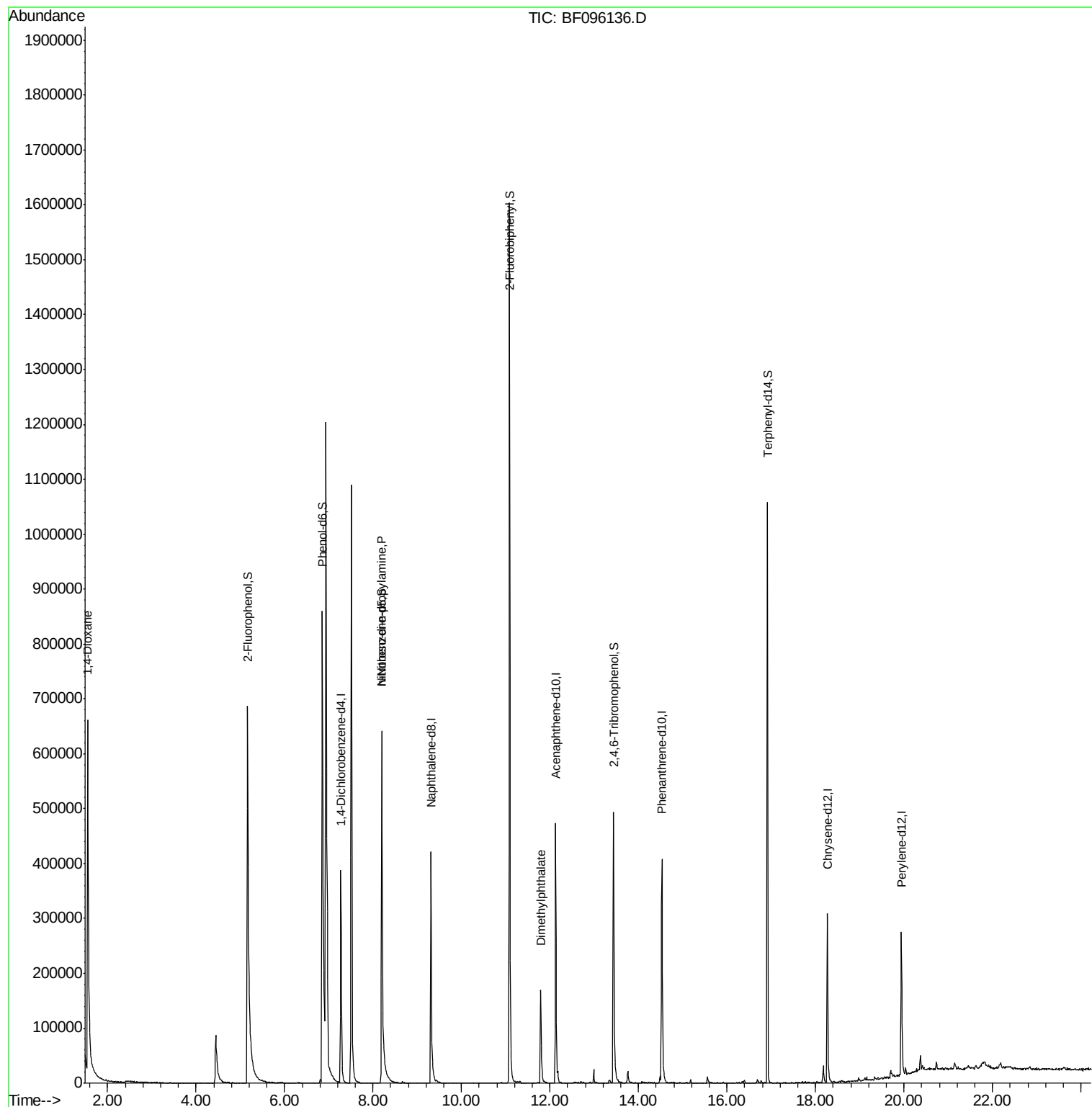
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	95242	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	356801	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	143938	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	261514	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	160835	20.00	ng	0.00
86) Perylene-d12	19.94	264	142312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	562475	94.11	ng	-0.02
7) Phenol-d6	6.85	99	729355	101.93	ng	-0.02
23) Nitrobenzene-d5	8.20	82	406974	70.84	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	103736	81.46	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	769165	74.36	ng	-0.02
78) Terphenyl-d14	16.92	244	428772	66.16	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.55	88	31032	10.91	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	47067	10.38	ng	# 76
49) Dimethylphthalate	11.79	163	135272	12.38	ng	98

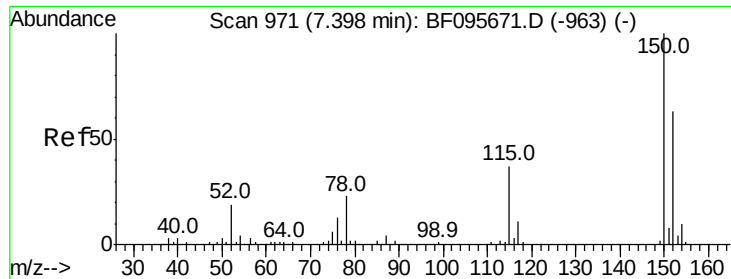
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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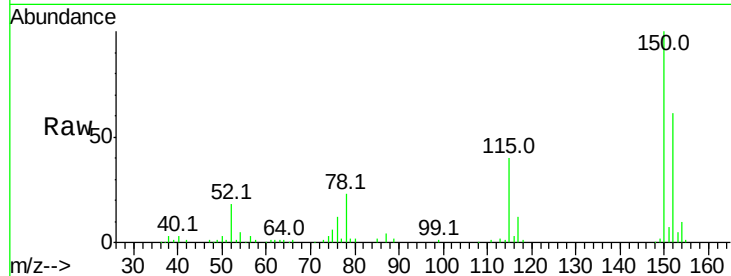


#1

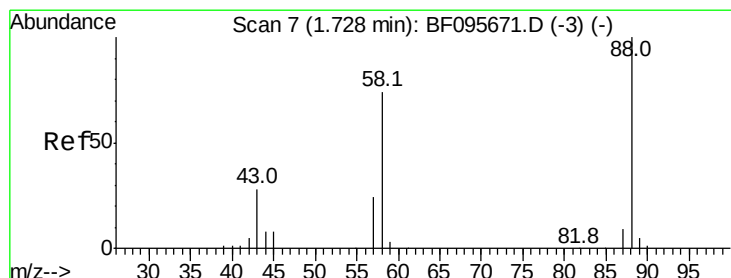
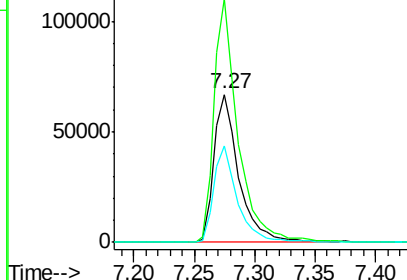
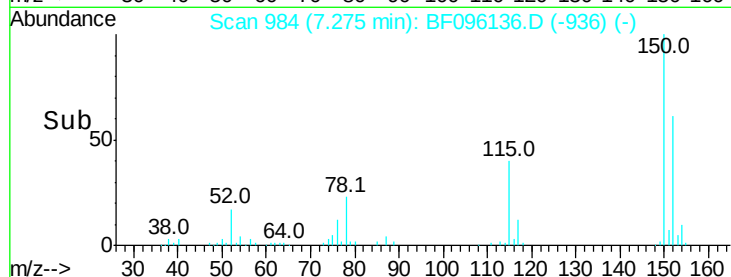
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096136.D
Acq: 22 Jun 2017 22:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95242
Ion Ratio Lower Upper
152 100
150 164.7 126.2 189.2
115 65.1 52.2 78.2



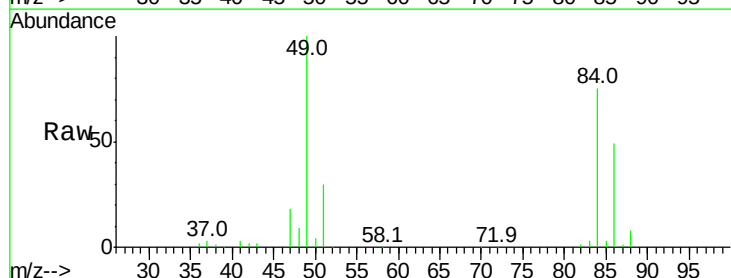
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



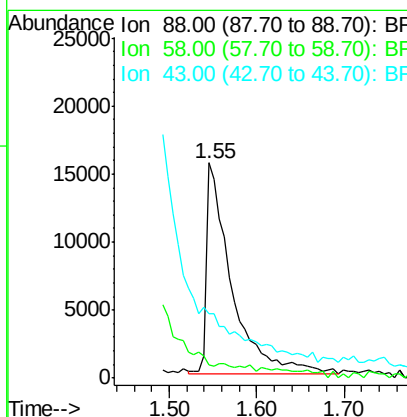
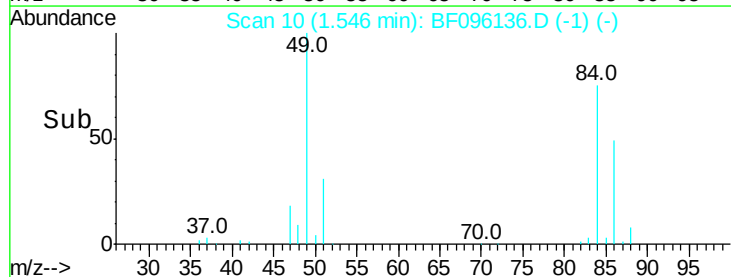
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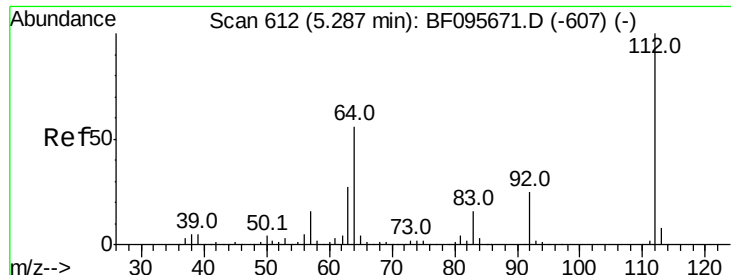
1,4-Dioxane
Concen: 10.91 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096136.D
Acq: 22 Jun 2017 22:47

Tgt Ion: 88 Resp: 31032
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

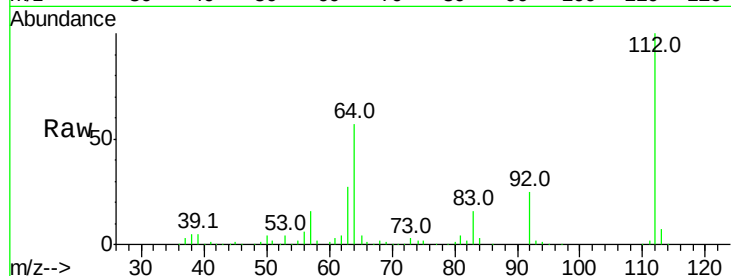




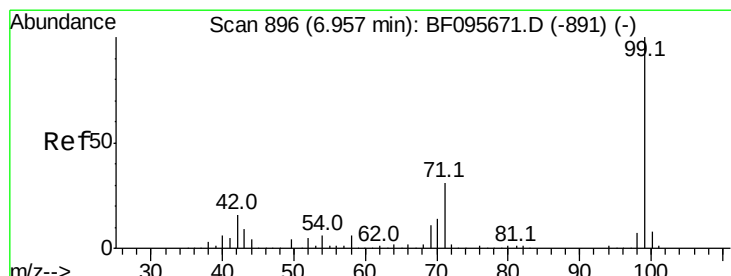
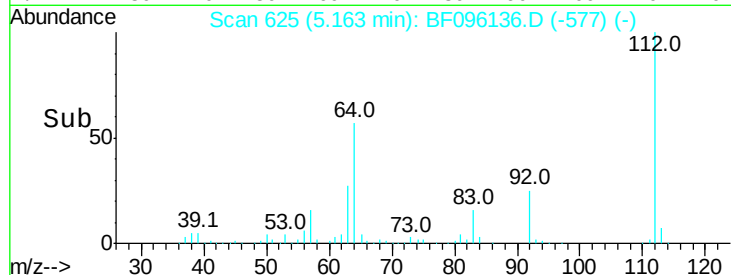
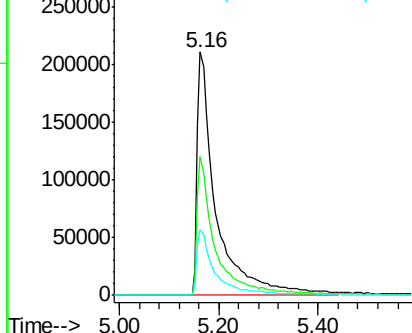
#5
 2-Fluorophenol
 Concen: 94.11 ng
 RT: 5.16 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 562475
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.0 69.0
 63 27.1 23.4 35.0

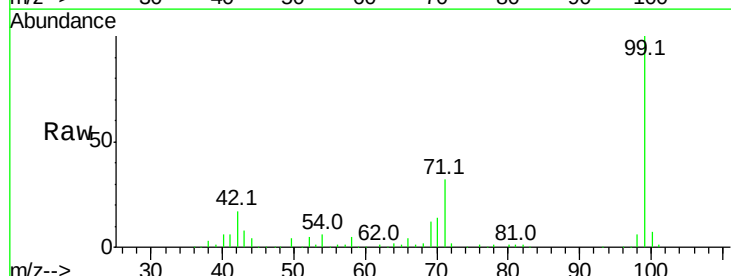


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

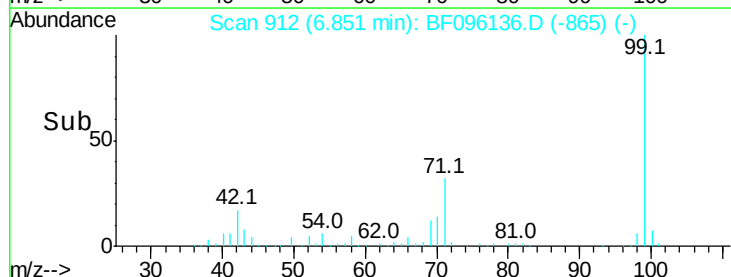
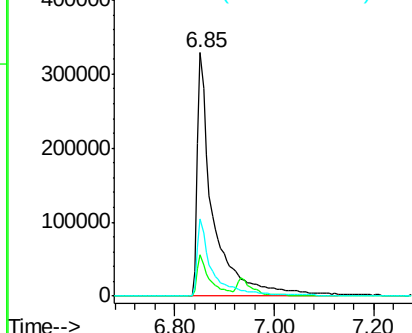


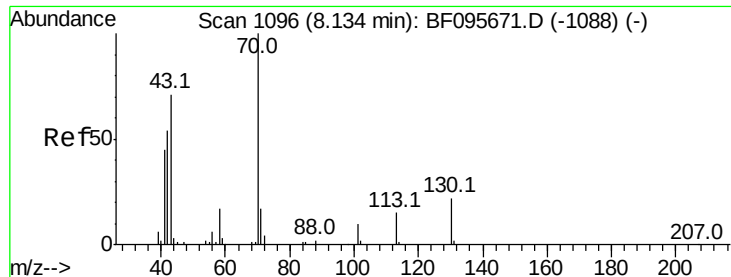
#7
 Phenol-d6
 Concen: 101.93 ng
 RT: 6.85 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Tgt Ion: 99 Resp: 729355
 Ion Ratio Lower Upper
 99 100
 42 16.9 13.5 20.3
 71 31.9 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

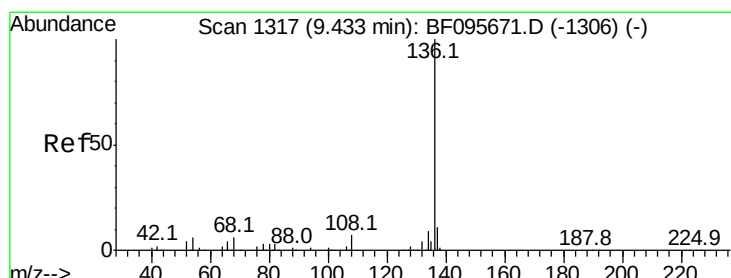
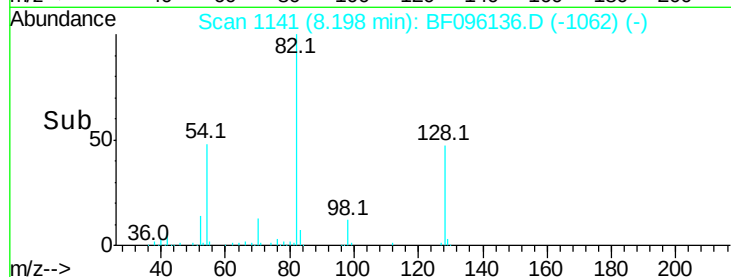
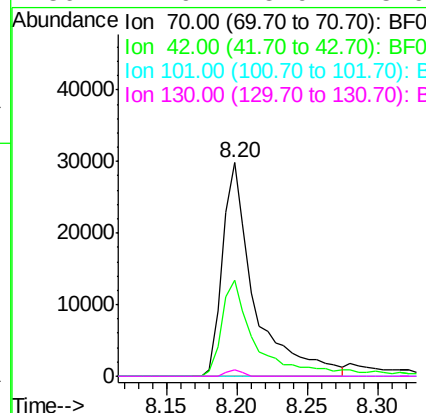
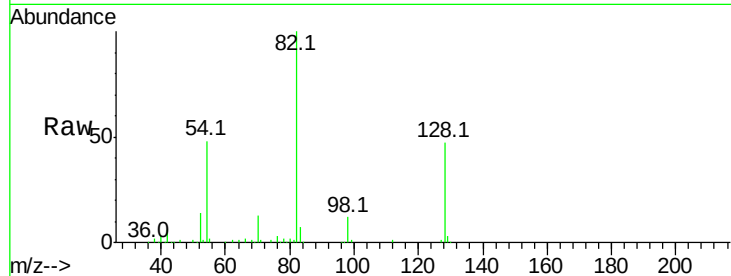




#19
n-Nitroso-di-n-propylamine
Concen: 10.38 ng
RT: 8.20 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF096136.D
Acq: 22 Jun 2017 22:47

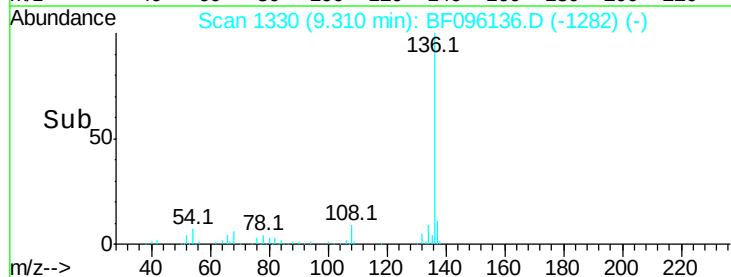
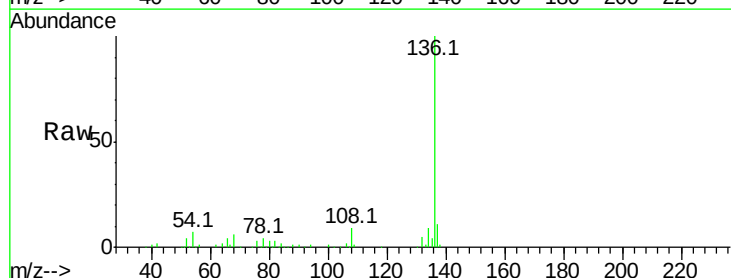
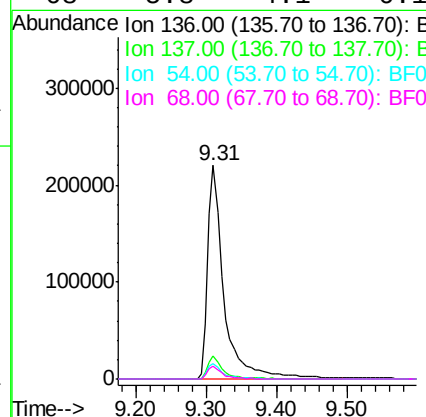
Instrument :
BNA_F
ClientSampleId :

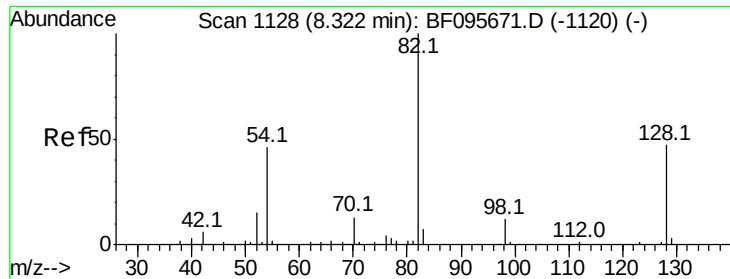
Tot Ion: 70 Resp: 47067
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096136.D
Acq: 22 Jun 2017 22:47

Tgt Ion:136 Resp: 356801
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.1 4.9 7.3
68 5.8 4.1 6.1

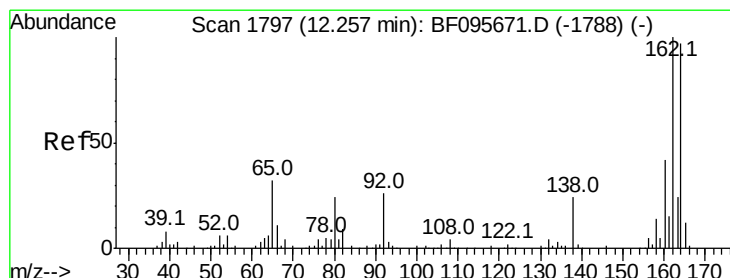
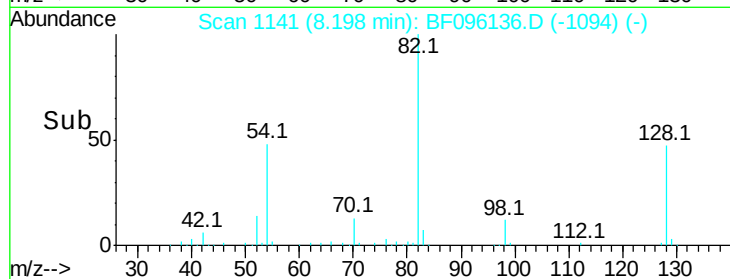
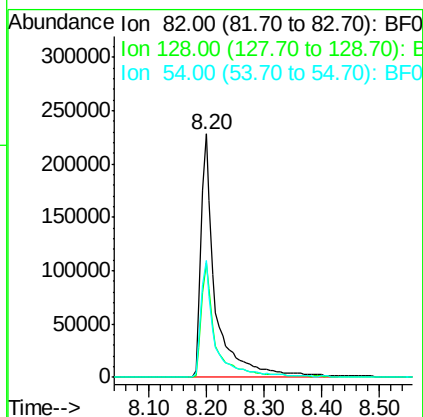
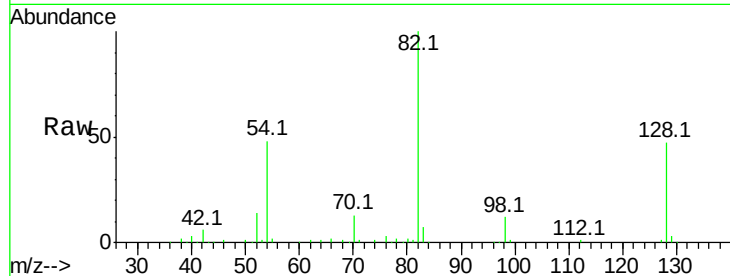




#23
 Nitrobenzene-d5
 Concen: 70.84 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

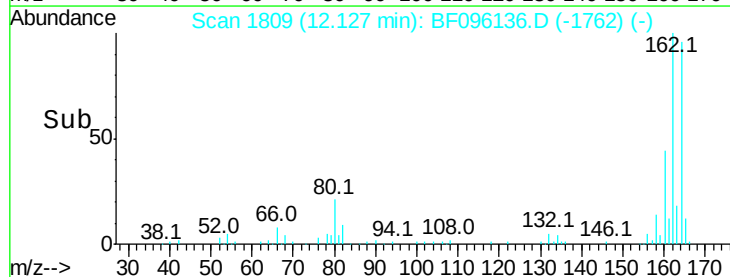
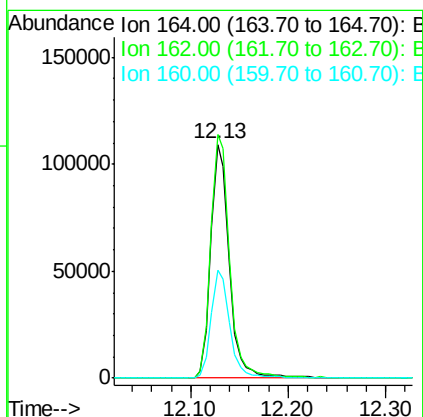
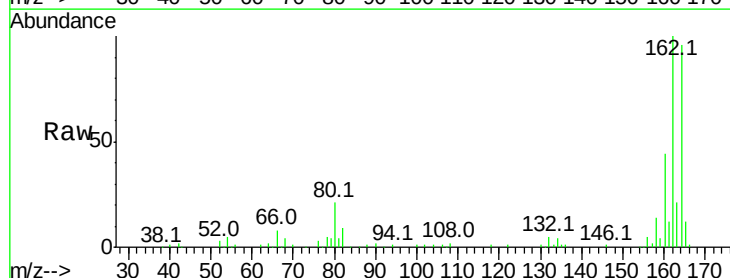
Instrument :
 BNA_F
 ClientSampleId :

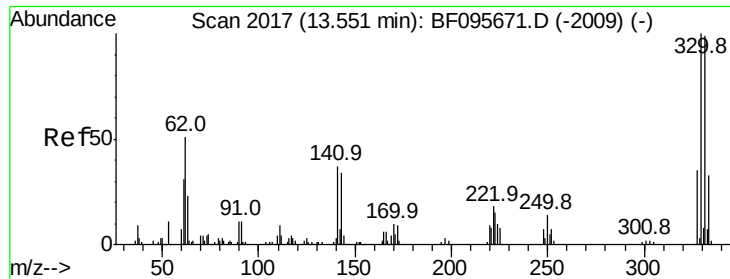
Tot Ion: 82 Resp: 406974
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 47.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Tgt Ion:164 Resp: 143938
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 46.0 36.2 54.2

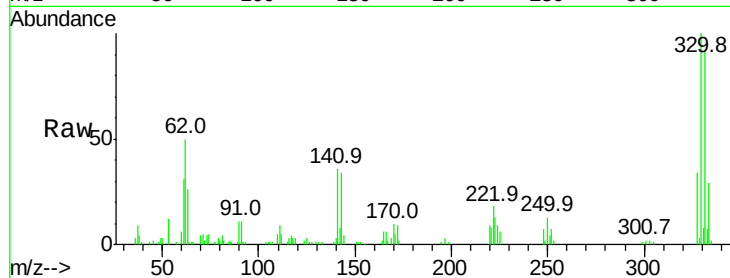




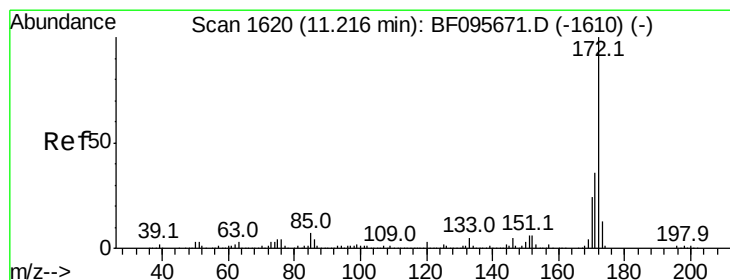
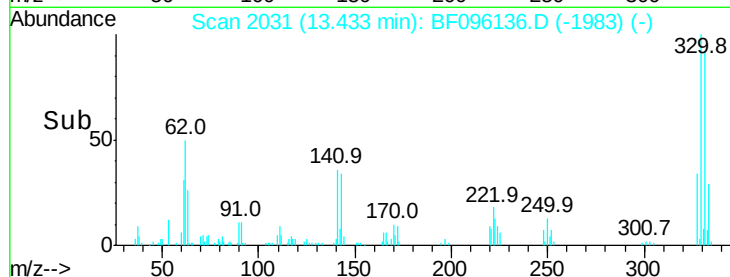
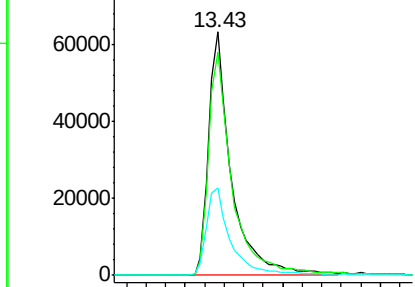
#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 103736
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 38.2 31.4 47.2

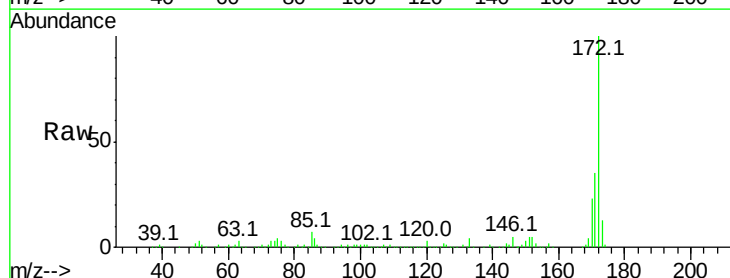


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

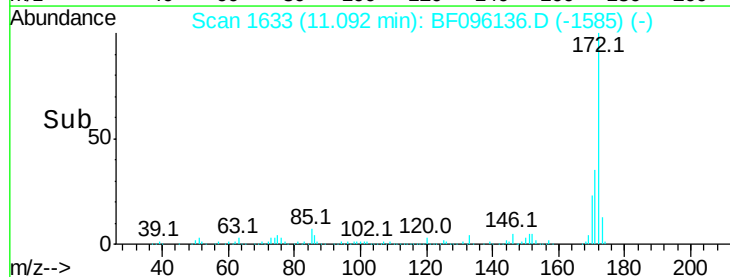
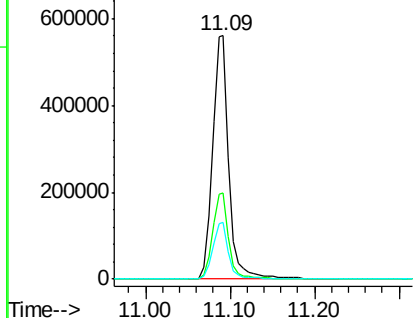


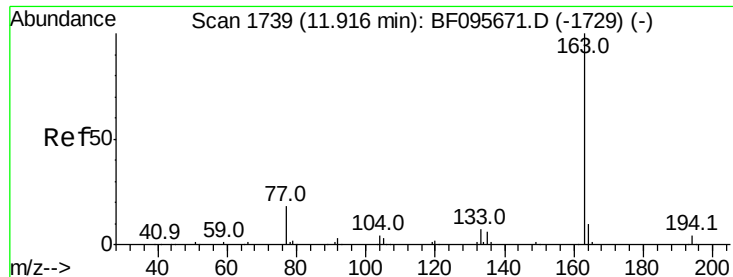
#44
 2-Fluorobiphenyl
 Concen: 74.36 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Tgt Ion:172 Resp: 769165
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.1 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: 12.38 ng

RT: 11.79 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF096136.D

Acq: 22 Jun 2017 22:47

Instrument :

BNA_F

ClientSampleId :

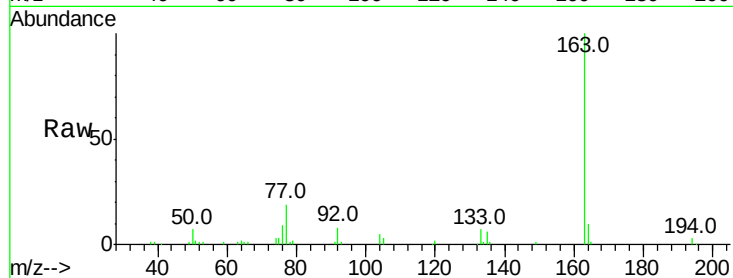
Tot Ion:163 Resp: 135272

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

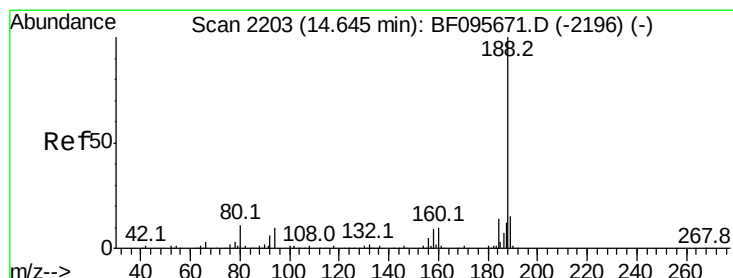
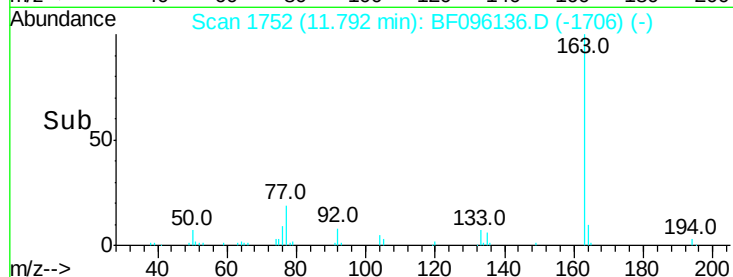
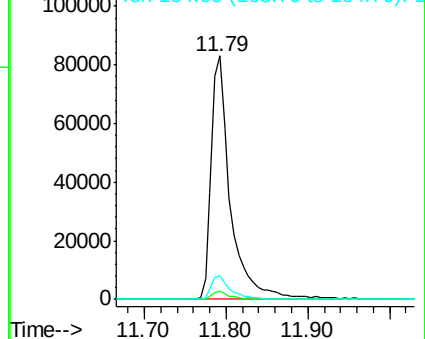
164 9.7 8.4 12.6



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: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096136.D

Acq: 22 Jun 2017 22:47

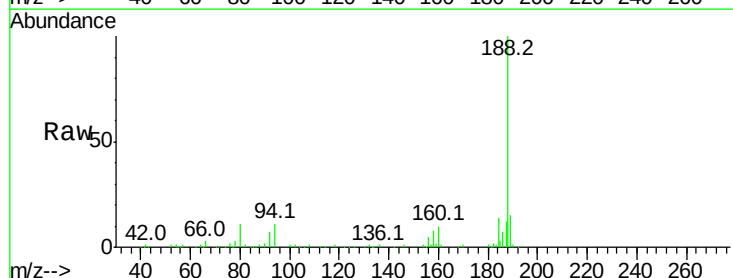
Tgt Ion:188 Resp: 261514

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

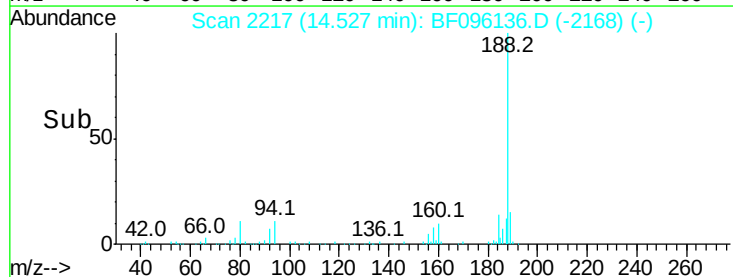
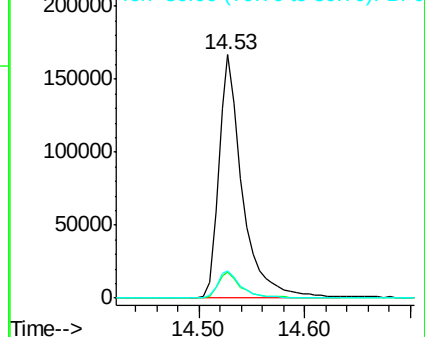
80 11.2 10.2 15.2

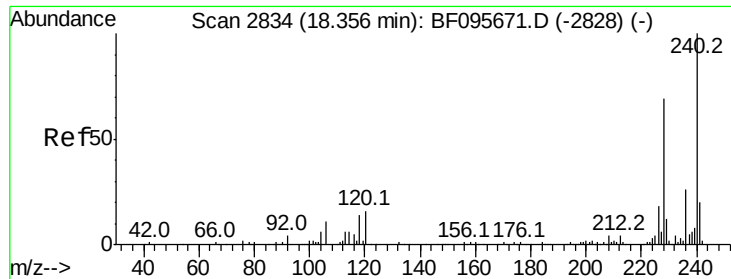


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

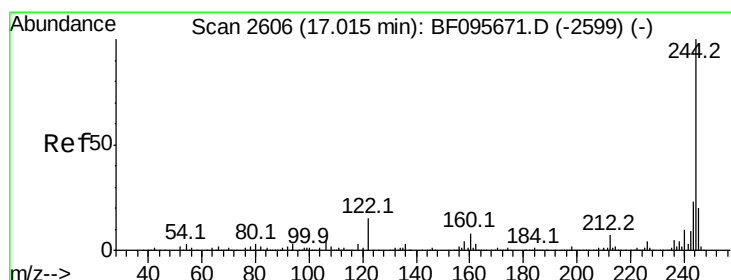
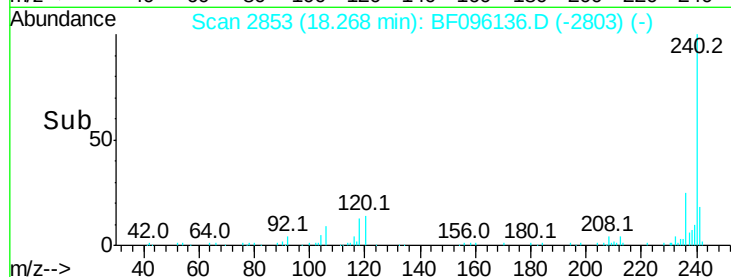
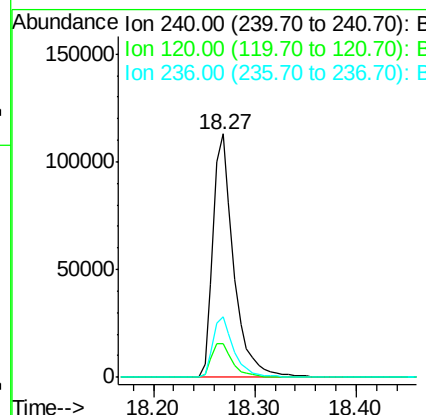
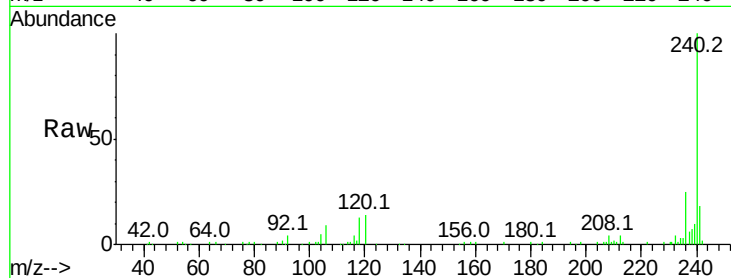




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

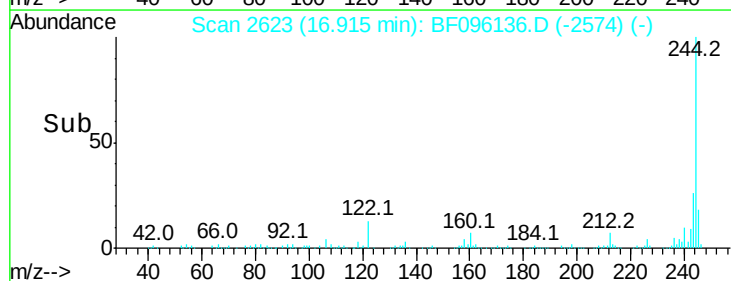
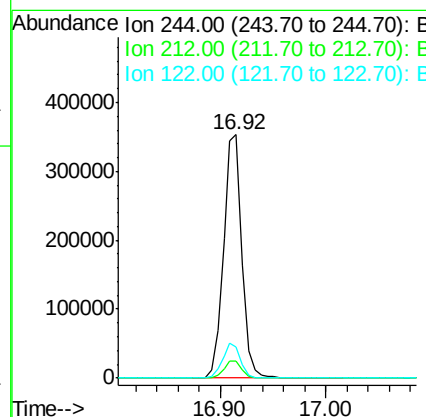
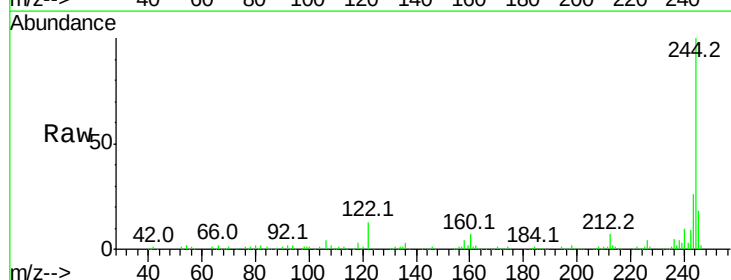
Instrument :
 BNA_F
 ClientSampled :

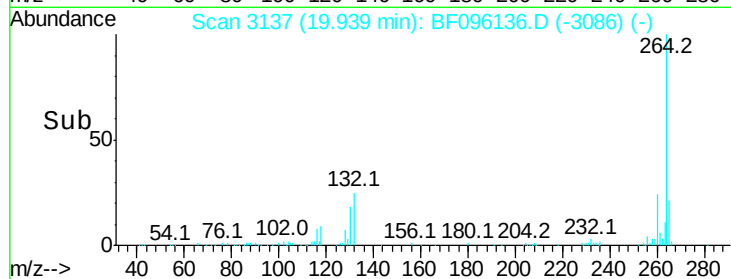
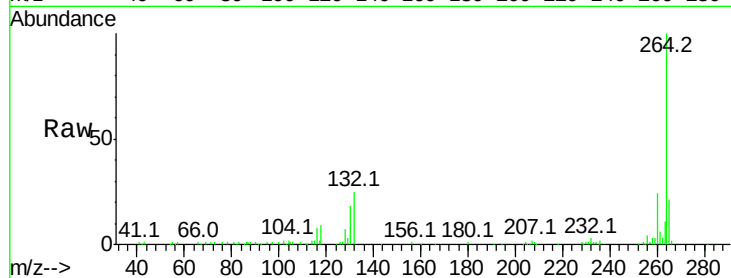
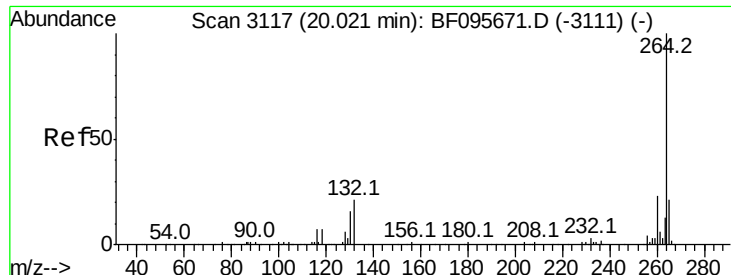
Tot Ion:240 Resp: 160835
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 66.16 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096136.D
 Acq: 22 Jun 2017 22:47

Tgt Ion:244 Resp: 428772
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.8 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.94 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BF096136.D

Acq: 22 Jun 2017 22:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 142312

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.4 17.2 25.8

