

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096919.D
 Acq On : 20 Jul 2017 21:33
 Operator : SJ/JU
 Sample : I4312-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 156

Quant Time: Jul 21 07:44:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

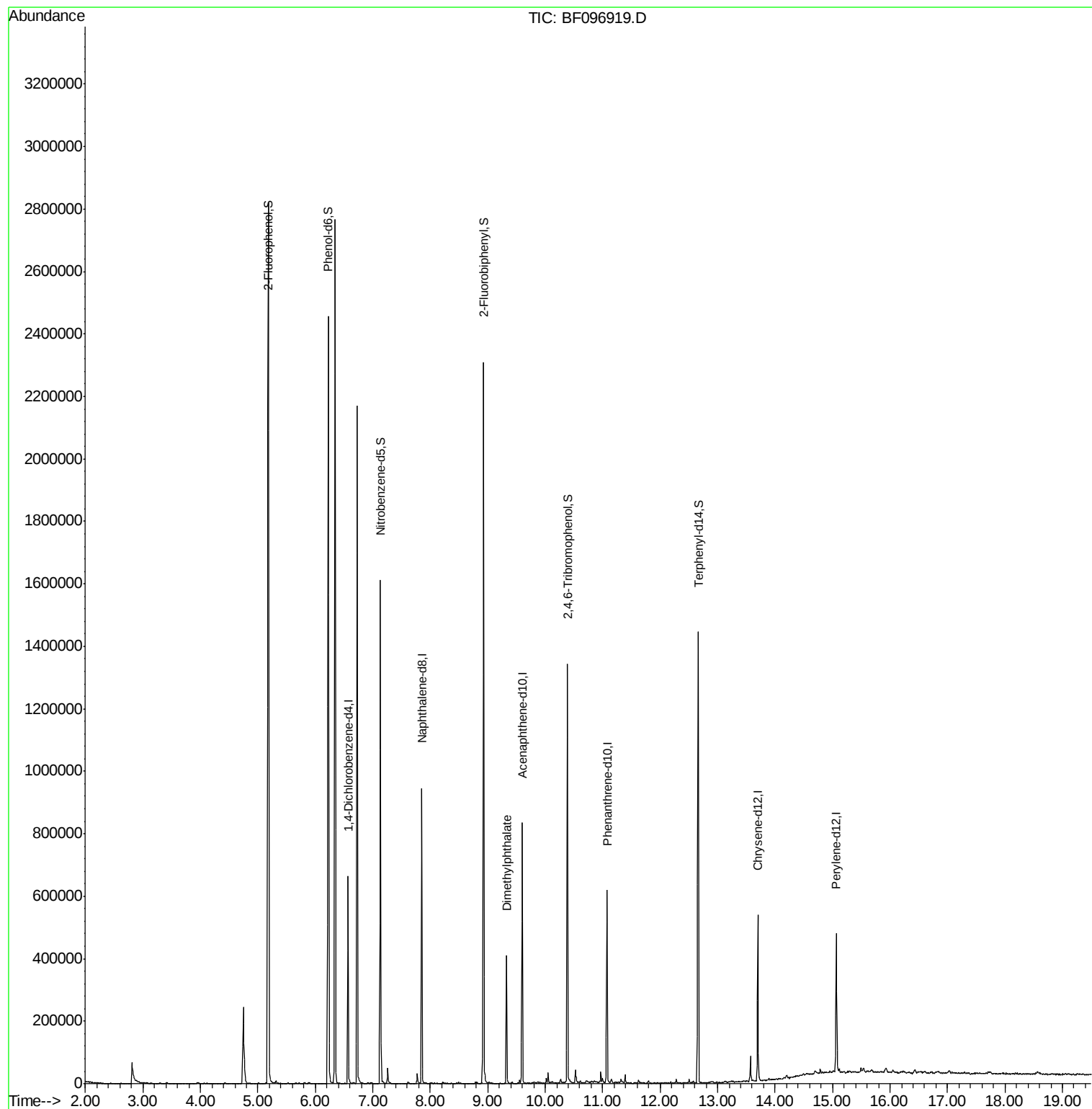
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	91047	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	412478	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	153686	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	218839	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	170706	20.00	ng	-0.04
86) Perylene-d12	15.07	264	180733	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	881196	145.52	ng	-0.02
7) Phenol-d6	6.23	99	941896	129.62	ng	-0.02
23) Nitrobenzene-d5	7.13	82	551315	82.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	153493	117.01	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	816361	83.92	ng	-0.03
78) Terphenyl-d14	12.66	244	457054	46.43	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.33	163	173890	15.027	ng	Qvalue 100

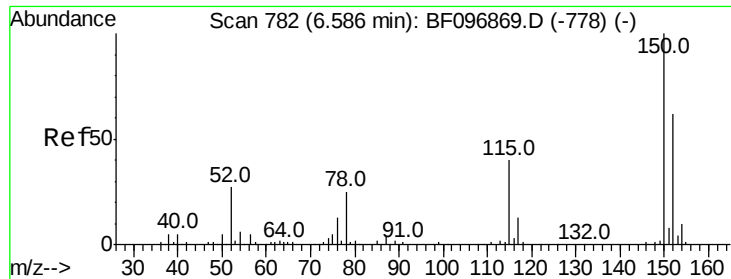
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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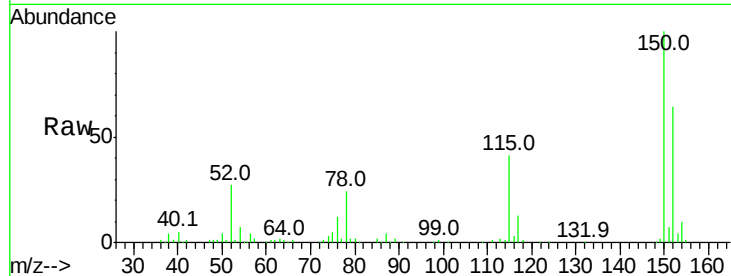


#1

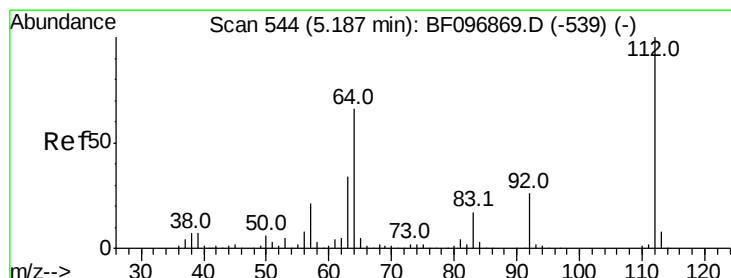
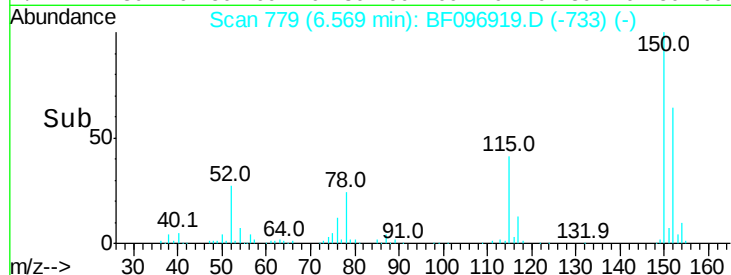
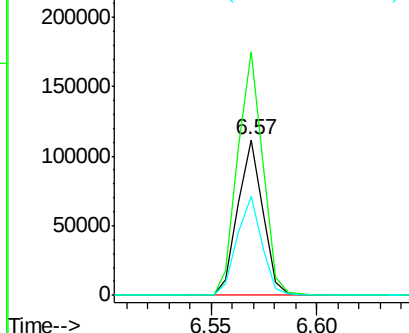
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Instrument :
BNA_F
ClientSampleId :
156

Tot Ion:152 Resp: 91047
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 63.8 52.2 78.2



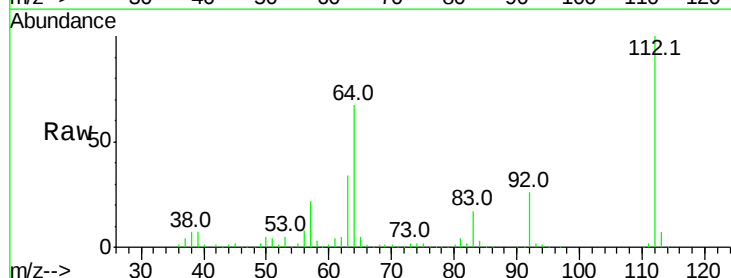
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



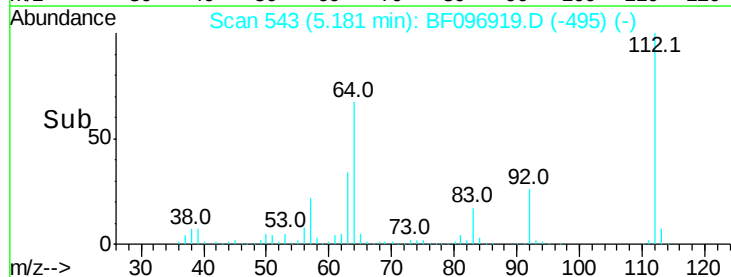
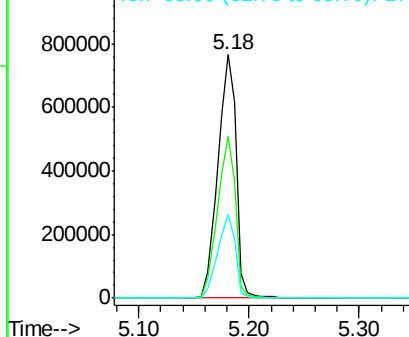
#5

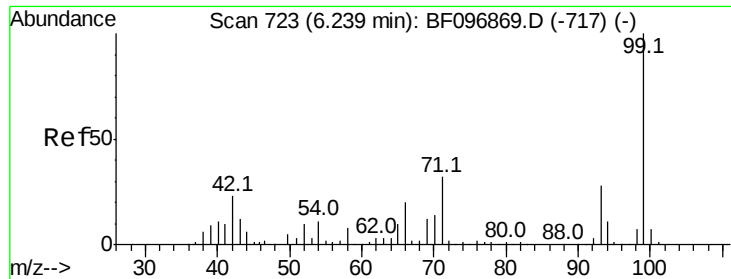
2-Fluorophenol
Concen: 145.524 ng
RT: 5.18 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Tgt Ion:112 Resp: 881196
Ion Ratio Lower Upper
112 100
64 66.6 46.0 69.0
63 34.3 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: 129.620 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampleId :

156

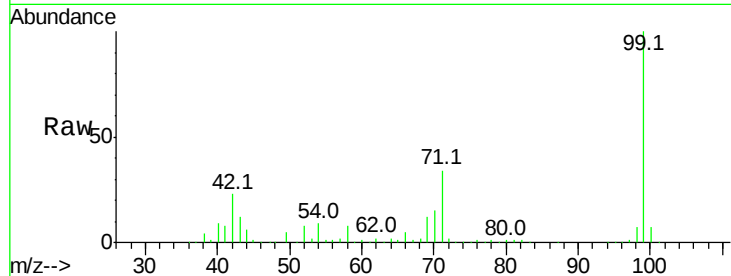
Tot Ion: 99 Resp: 941896

Ion Ratio Lower Upper

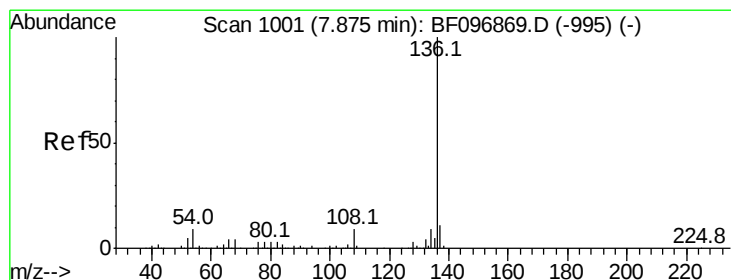
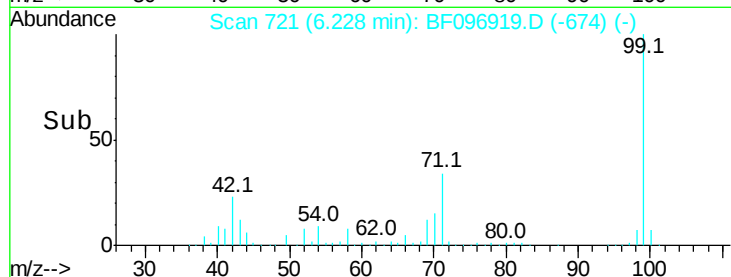
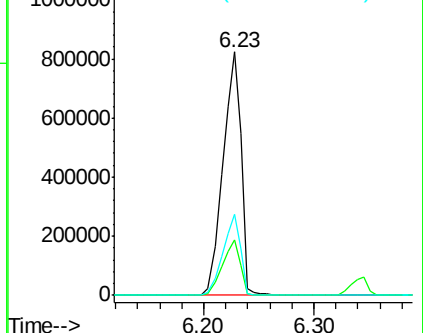
99 100

42 22.7 13.5 20.3#

71 33.6 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: 20.000 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Tgt Ion: 136 Resp: 412478

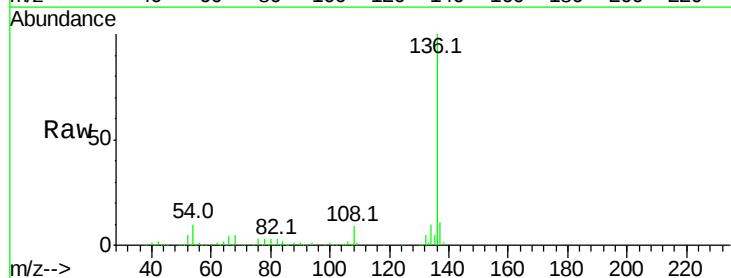
Ion Ratio Lower Upper

136 100

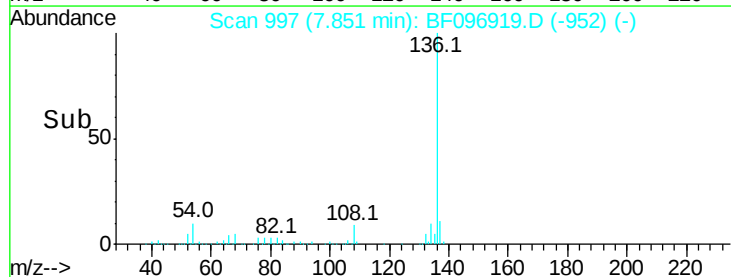
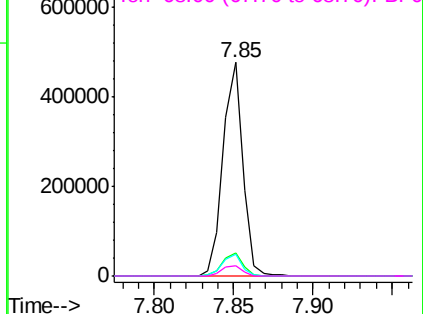
137 10.8 8.5 12.7

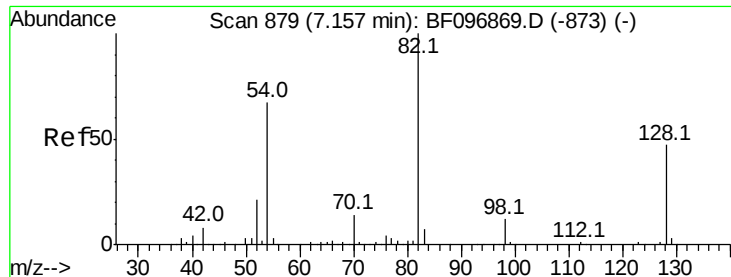
54 10.0 4.9 7.3#

68 5.0 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

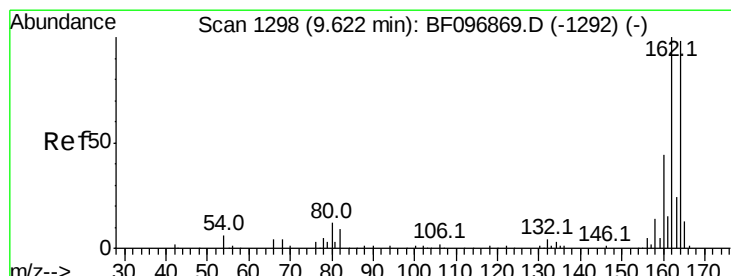
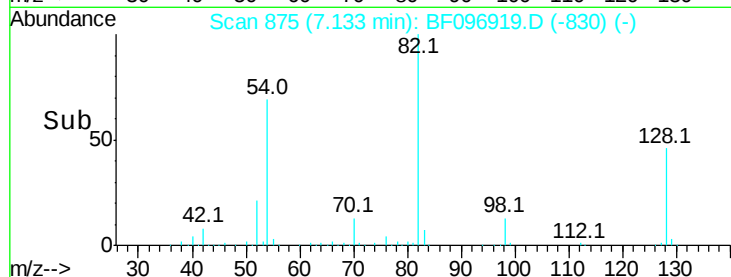
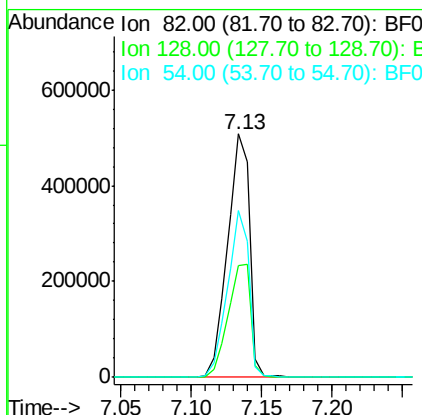
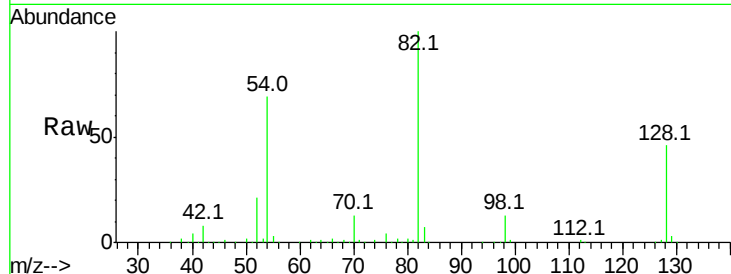




#23
Nitrobenzene-d5
Concen: 82.790 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

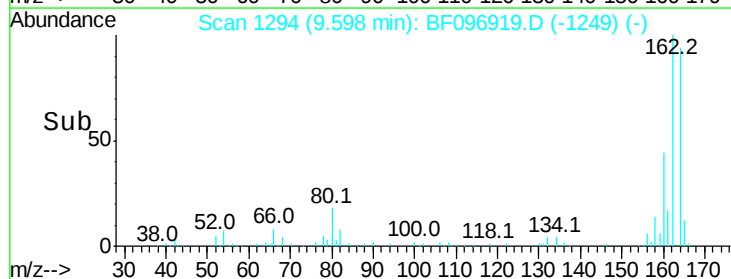
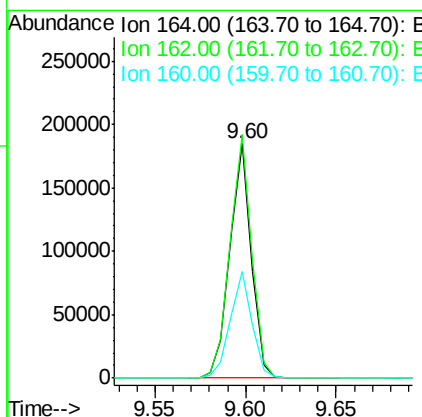
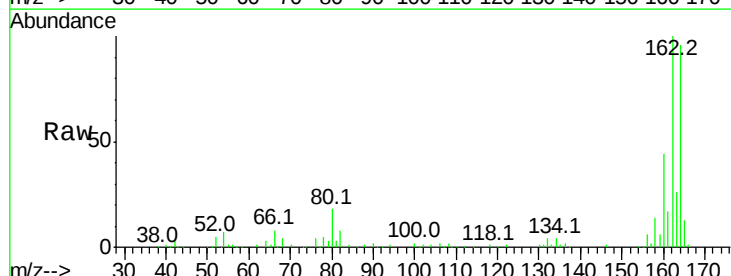
Instrument :
BNA_F
ClientSampleId :
156

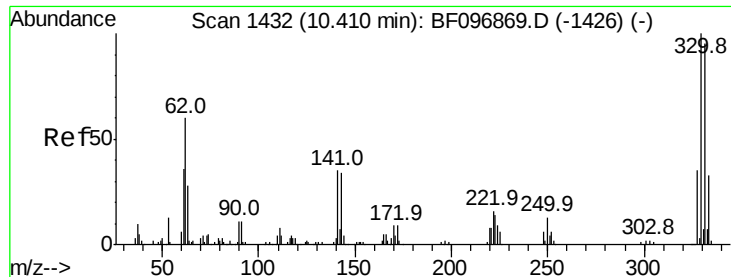
Tot Ion: 82 Resp: 551315
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 68.7 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Tgt Ion:164 Resp: 153686
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 117.006 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampled :

156

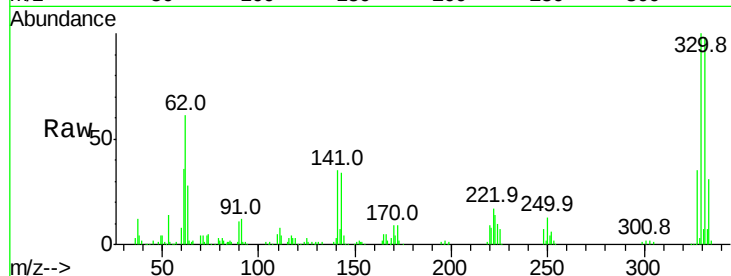
Tot Ion:330 Resp: 153493

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

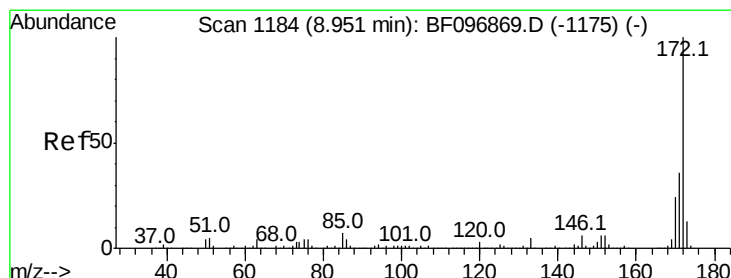
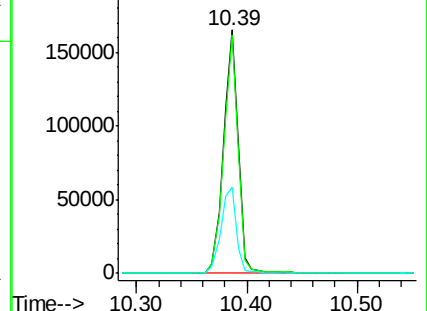
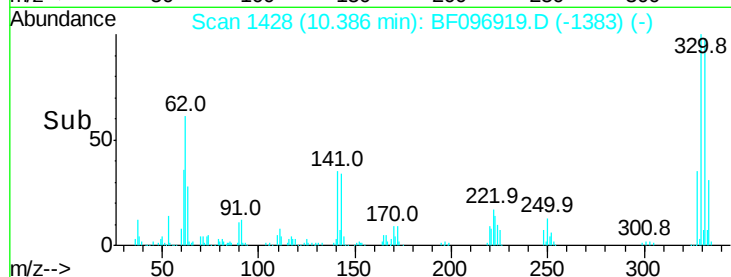
141 37.1 31.4 47.2



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: 83.923 ng

RT: 8.93 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

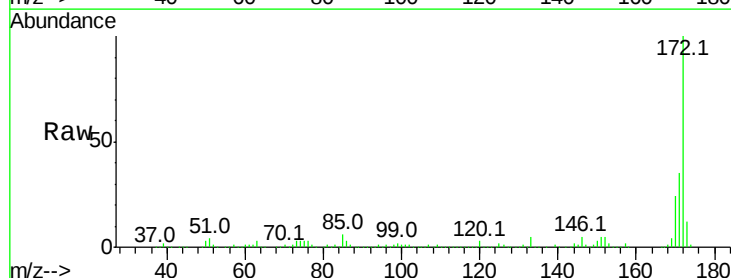
Tgt Ion:172 Resp: 816361

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

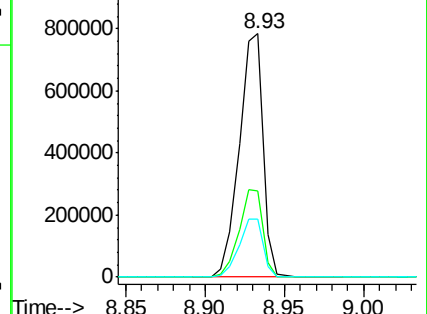
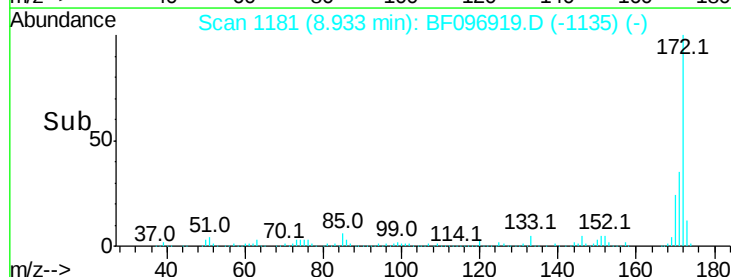
170 23.8 19.8 29.8

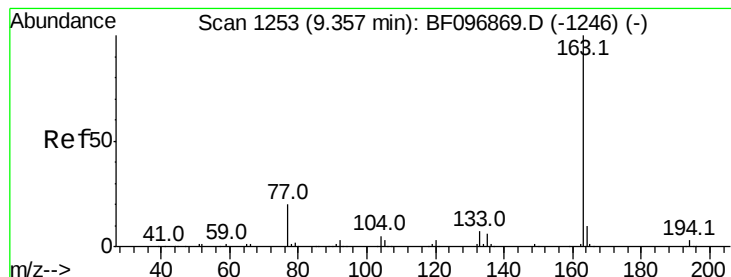


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.027 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampleId :

156

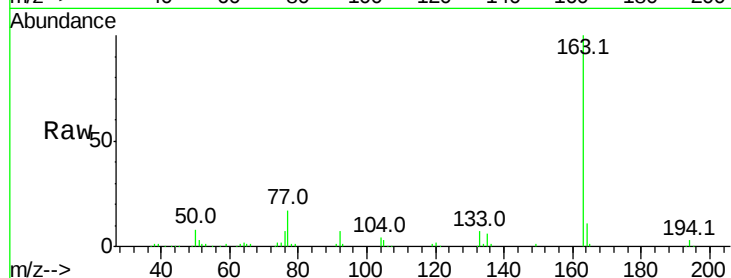
Tot Ion:163 Resp: 173890

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

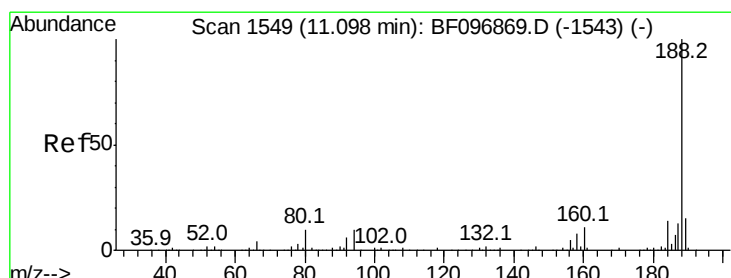
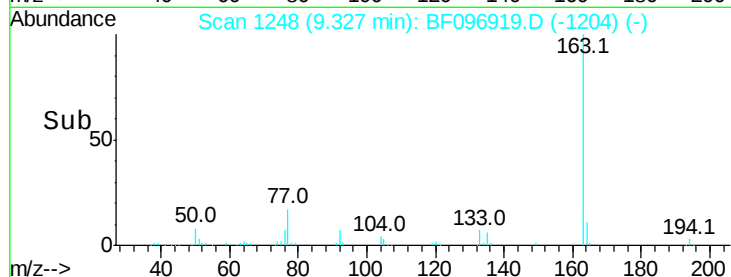
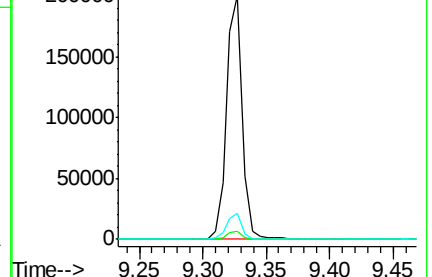
164 10.6 8.4 12.6



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: 20.000 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

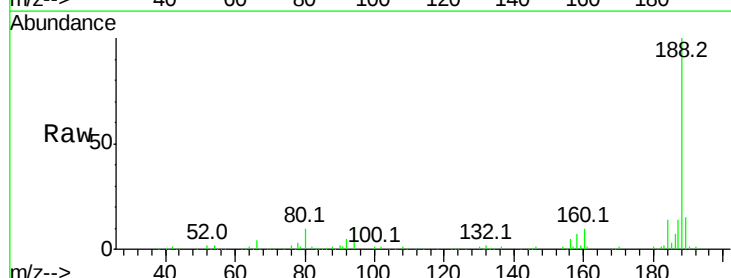
Tgt Ion:188 Resp: 218839

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

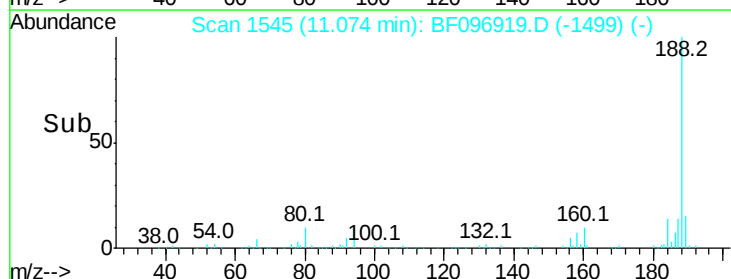
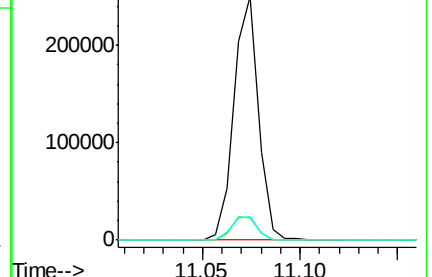
80 9.7 10.2 15.2#

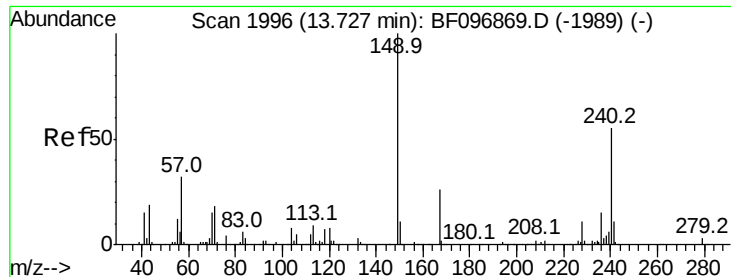


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampled :

156

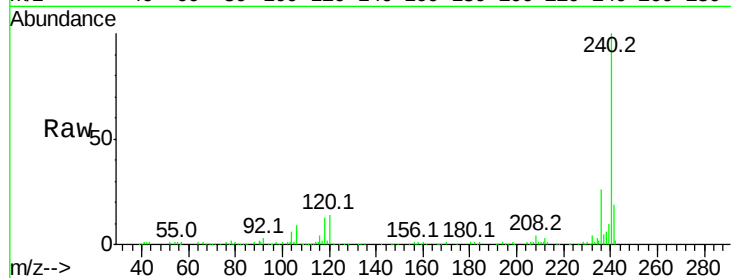
Tot Ion:240 Resp: 170706

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

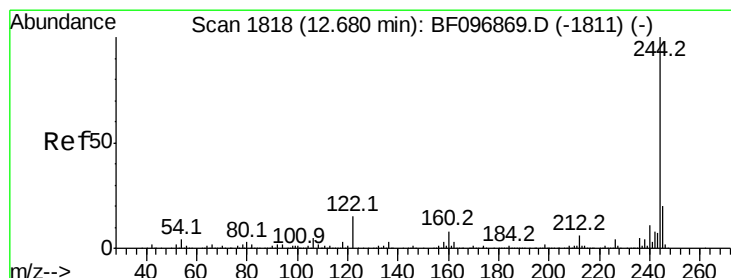
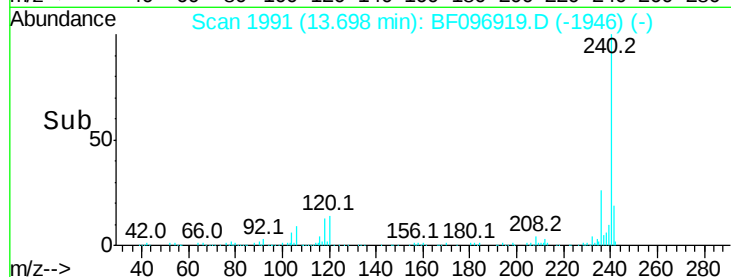
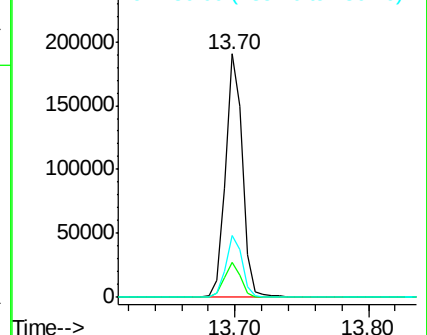
236 25.6 20.5 30.7



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: 46.434 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

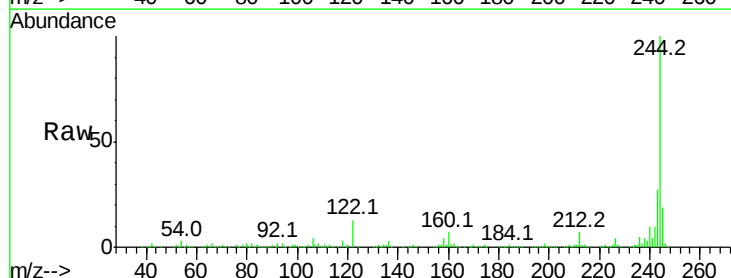
Tgt Ion:244 Resp: 457054

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

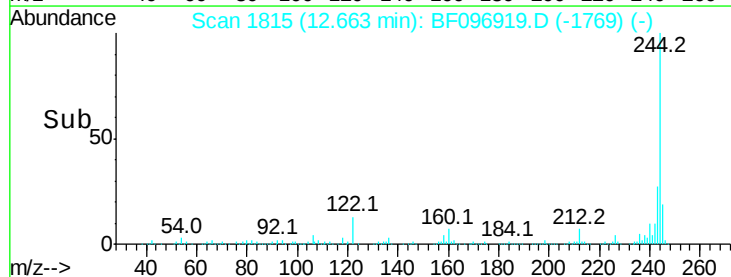
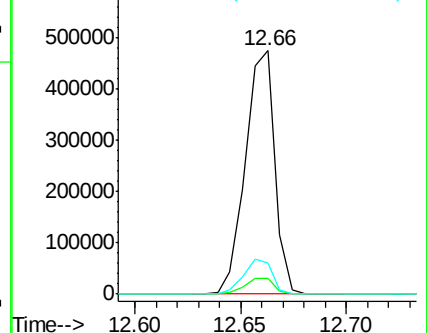
122 12.6 10.3 15.5

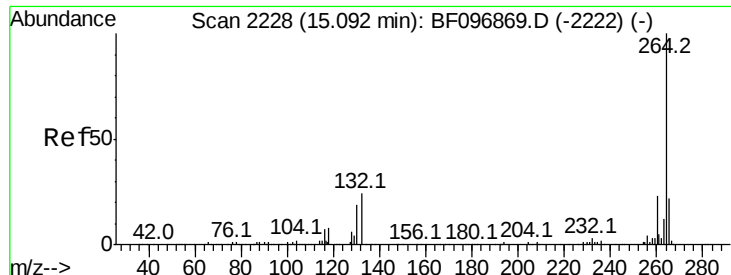


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

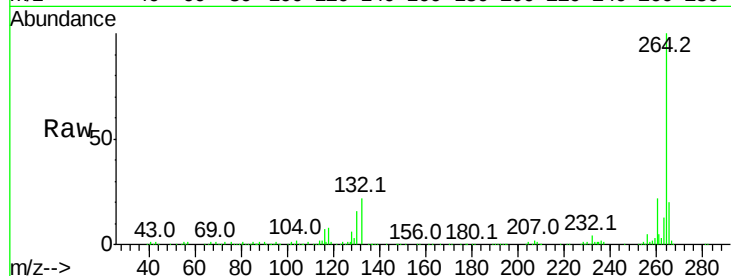




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096919.D
 Acq: 20 Jul 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 156

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	20.3	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

