

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098597.D
 Acq On : 18 Sep 2017 12:55
 Operator : SJ/JU
 Sample : I5229-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S21

Quant Time: Sep 18 13:38:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

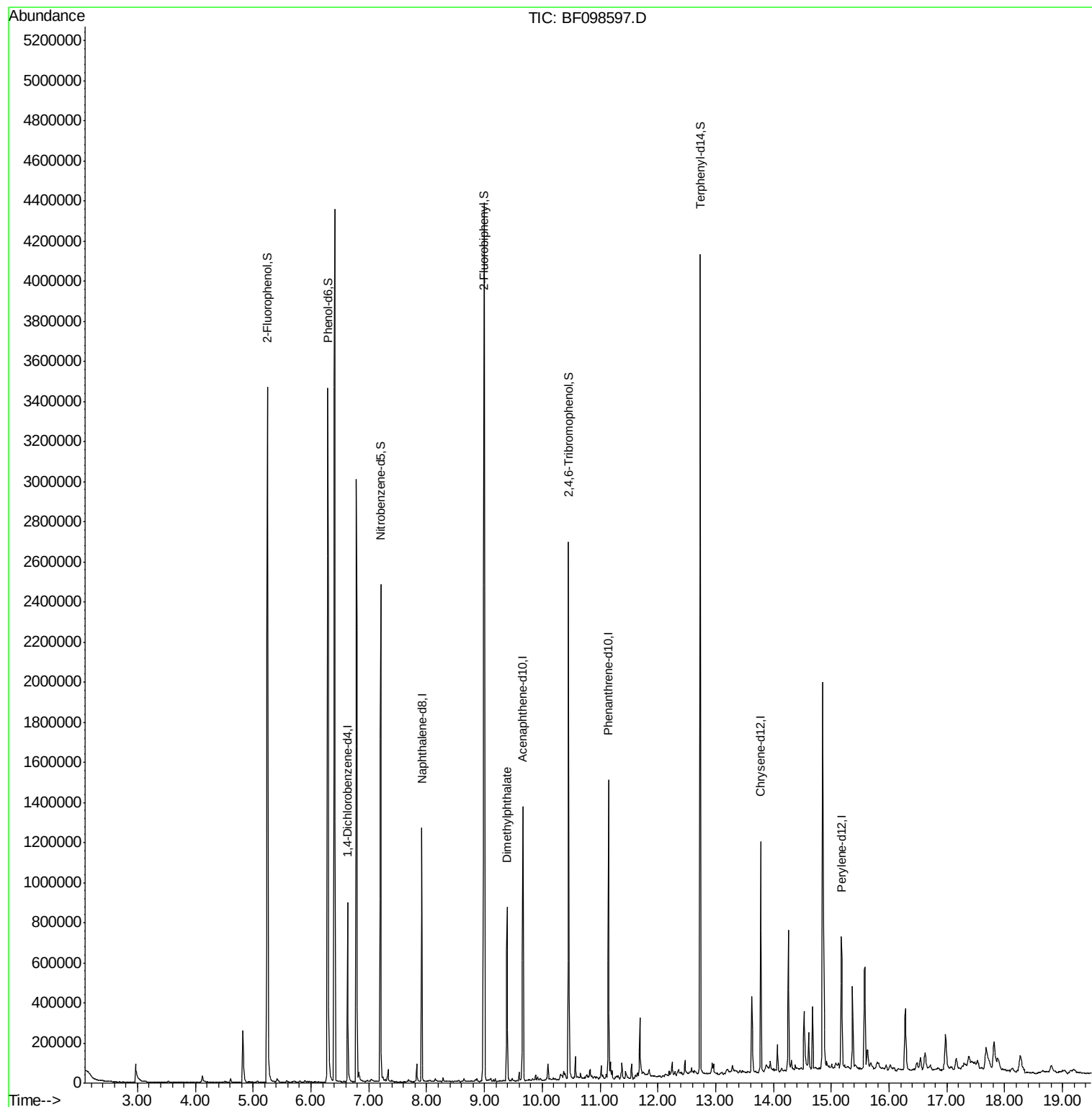
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	128432	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	539306	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	281258	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	540388	20.00	ng	0.00
75) Chrysene-d12	13.78	240	341396	20.00	ng	0.00
86) Perylene-d12	15.17	264	258063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1020758	117.51	ng	0.00
7) Phenol-d6	6.29	99	1340219	121.52	ng	0.00
23) Nitrobenzene-d5	7.20	82	871076	90.05	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	313849	167.19	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1528915	92.14	ng	0.00
78) Terphenyl-d14	12.73	244	1329788	84.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	317853	14.599	ng	99

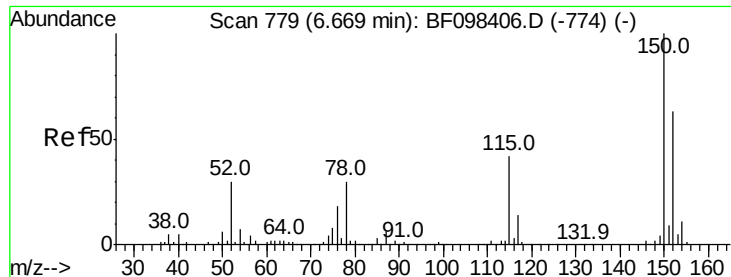
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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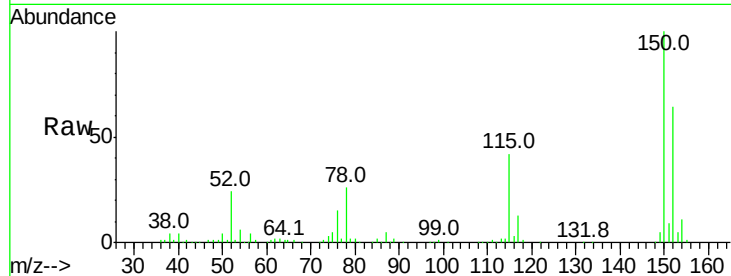


#1

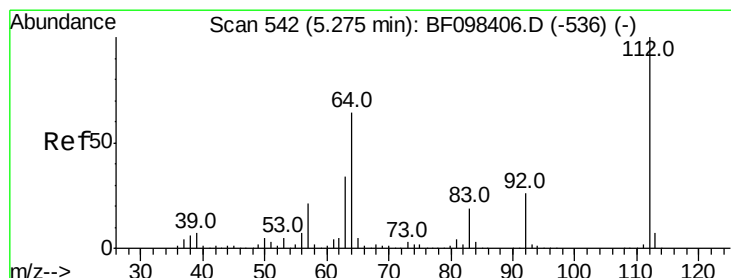
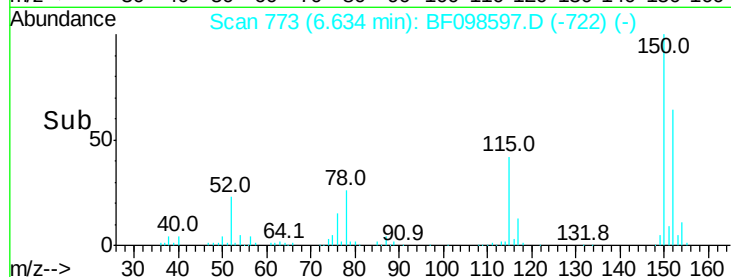
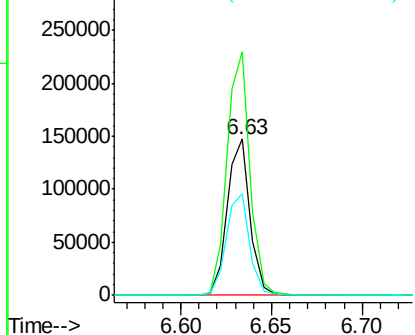
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tot Ion:152 Resp: 128432
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 64.9 52.2 78.2



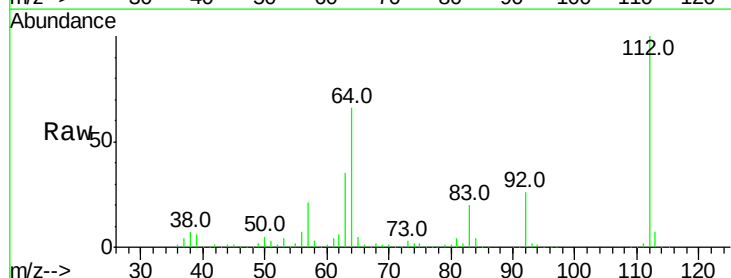
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



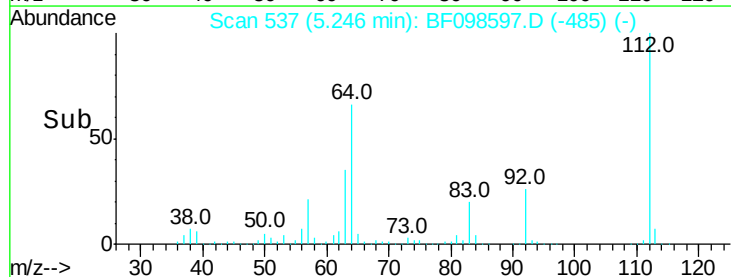
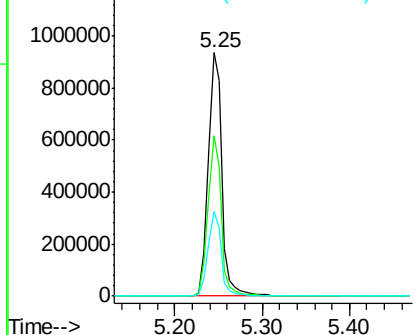
#5

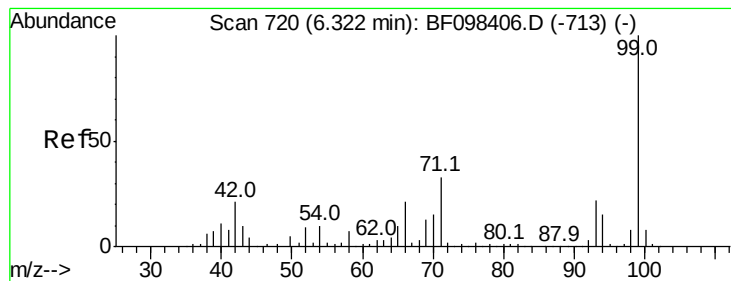
2-Fluorophenol
Concen: 117.511 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:112 Resp: 1020758
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 35.1 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: 121.518 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

Instrument :

BNA_F

ClientSampleId :

UT5400S21

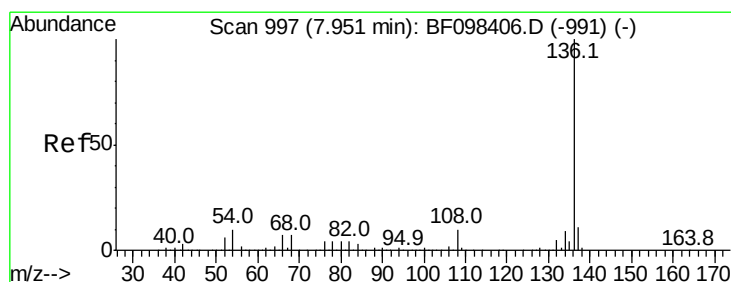
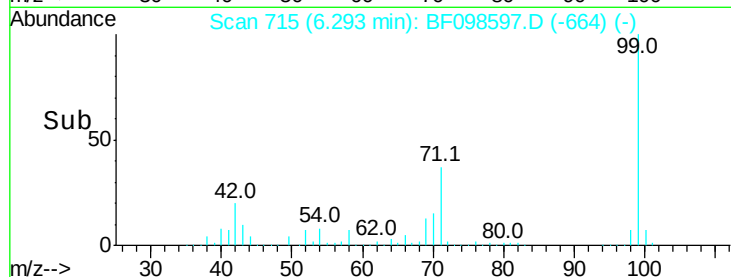
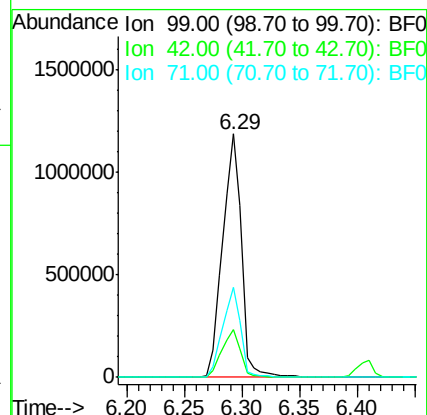
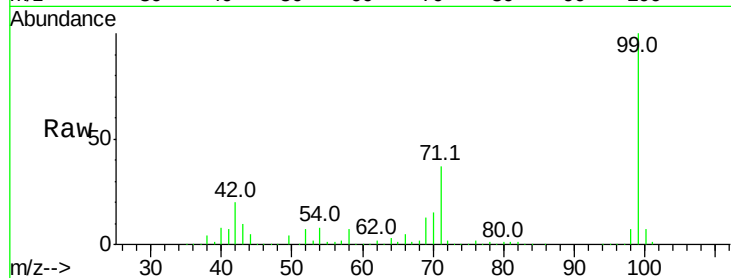
Tot Ion: 99 Resp: 1340219

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

71 36.8 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

Tgt Ion:136 Resp: 539306

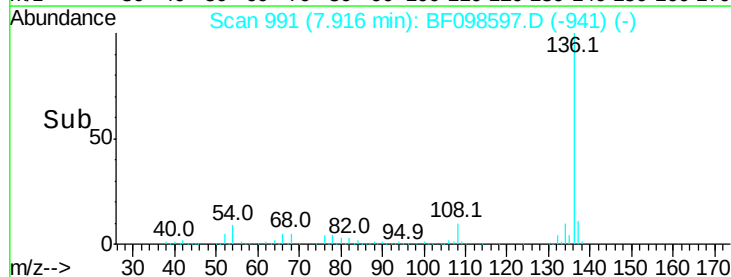
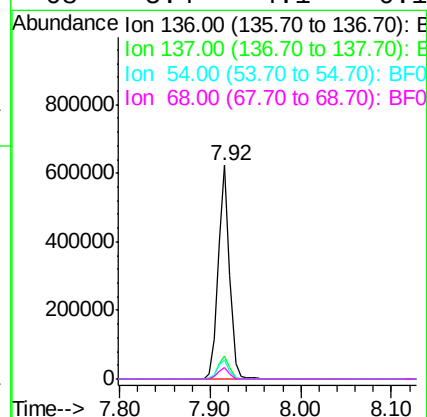
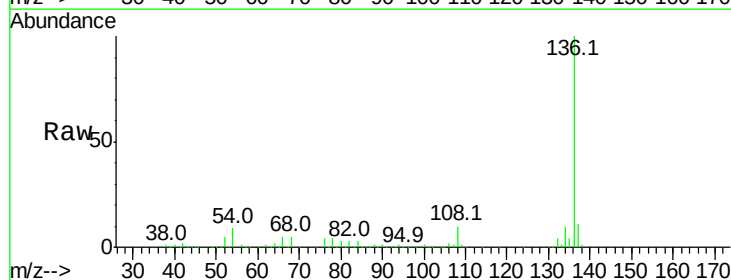
Ion Ratio Lower Upper

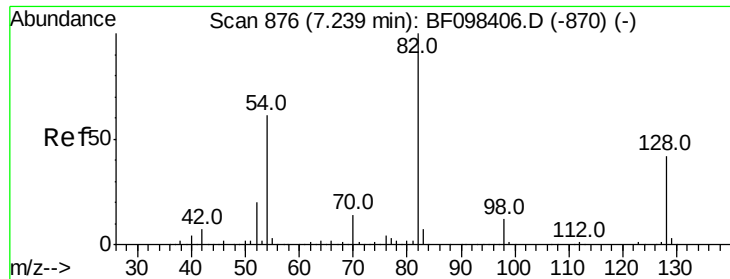
136 100

137 10.7 8.5 12.7

54 8.9 4.9 7.3#

68 5.4 4.1 6.1

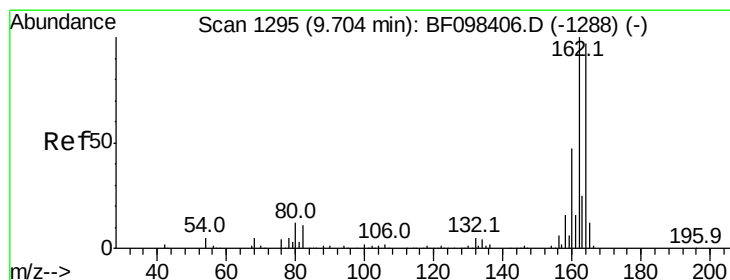
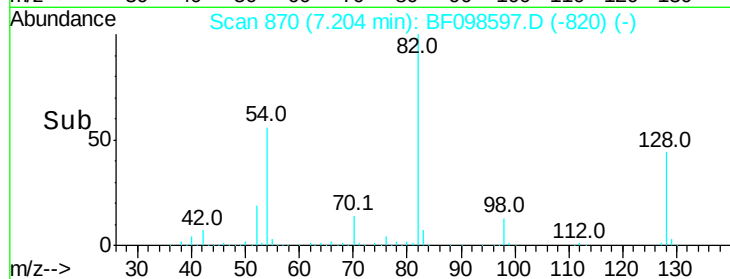
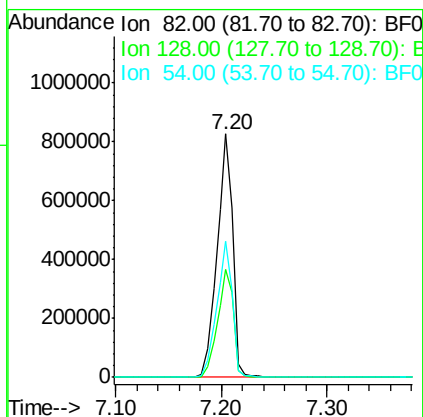
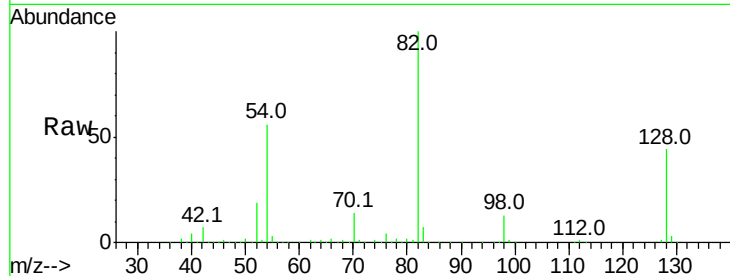




#23
 Nitrobenzene-d5
 Concen: 90.046 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF098597.D
 Acq: 18 Sep 2017 12:55

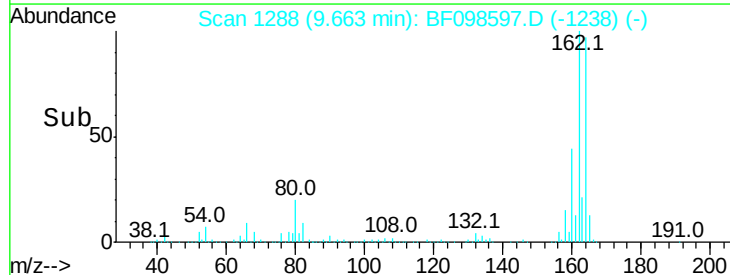
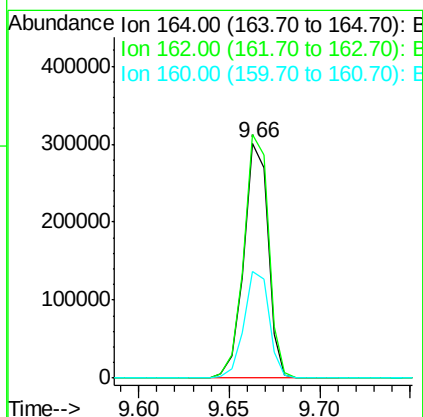
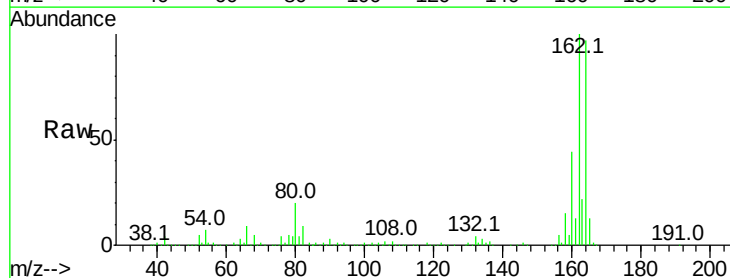
Instrument :
 BNA_F
 ClientSampleId :
 UT5400S21

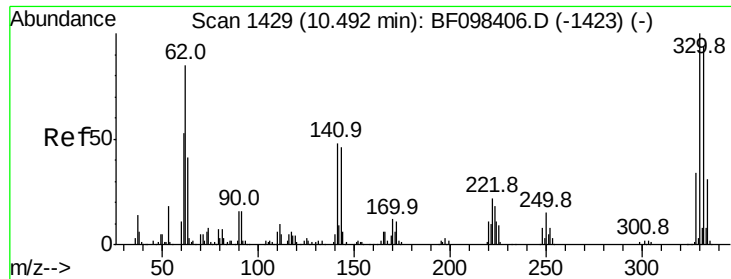
Tot Ion: 82 Resp: 871076
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 56.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF098597.D
 Acq: 18 Sep 2017 12:55

Tgt Ion:164 Resp: 281258
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.1 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 167.193 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

Instrument :

BNA_F

ClientSampleId :

UT5400S21

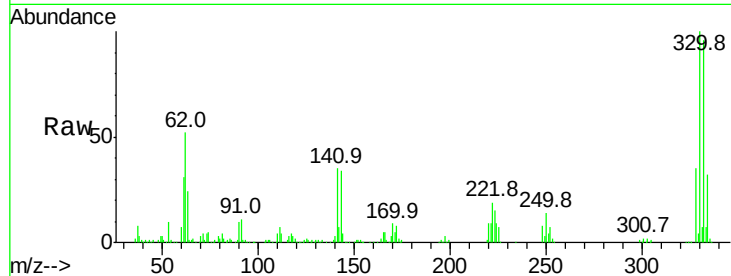
Tot Ion:330 Resp: 313849

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

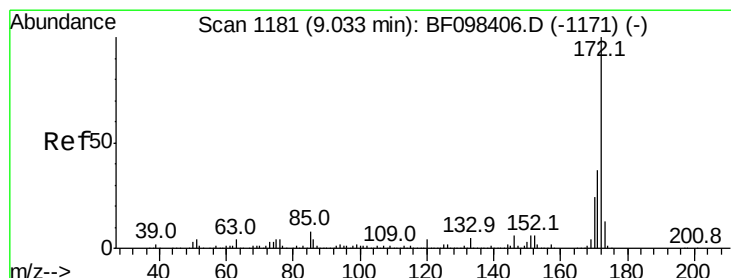
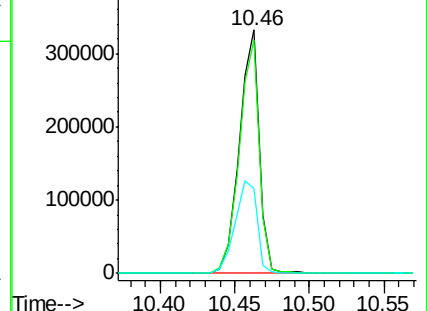
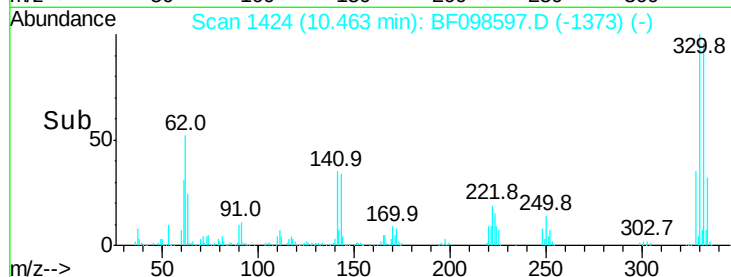
141 43.0 31.4 47.2



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: 92.136 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

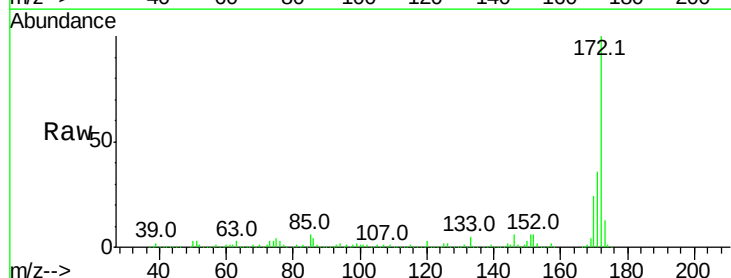
Tgt Ion:172 Resp: 1528915

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

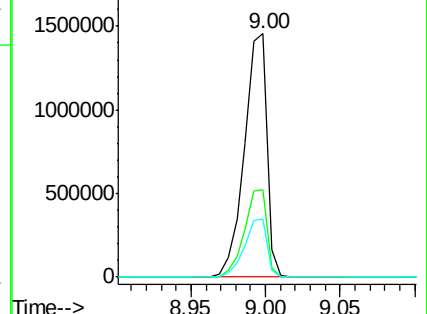
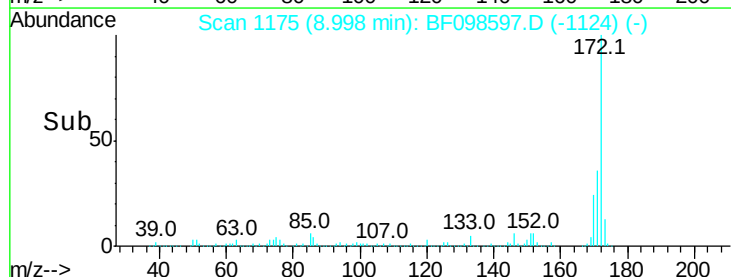
170 23.9 19.8 29.8

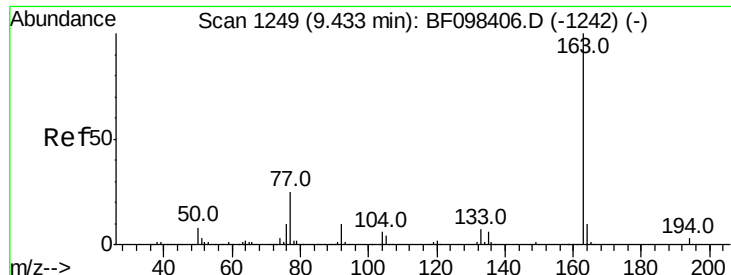


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

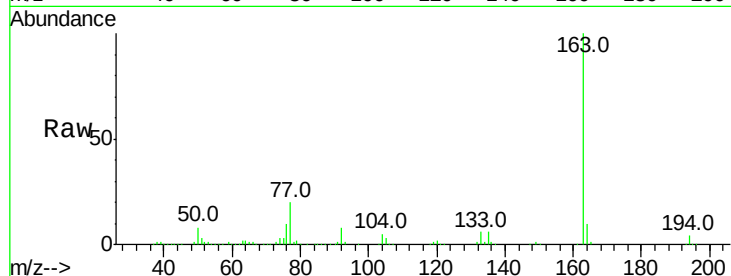




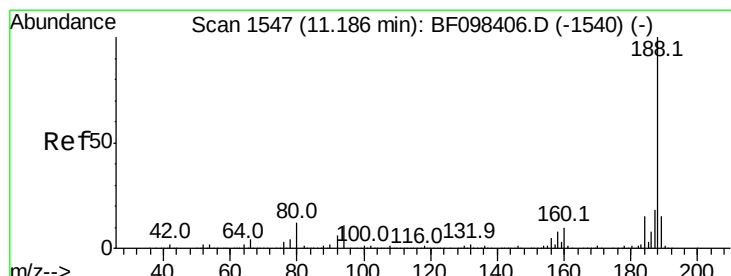
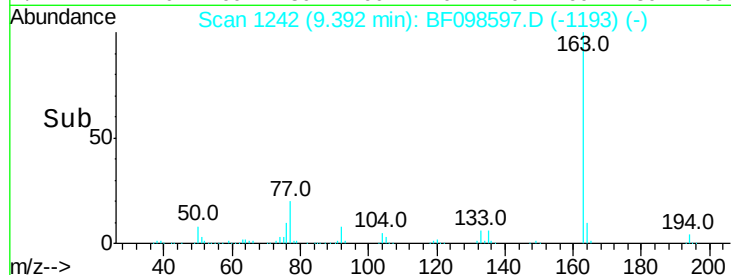
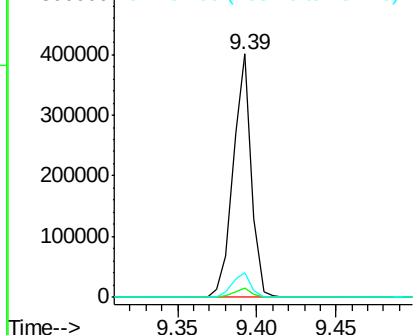
#49
Dimethylphthalate
Concen: 14.599 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tot Ion:163 Resp: 317853
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.4 12.6

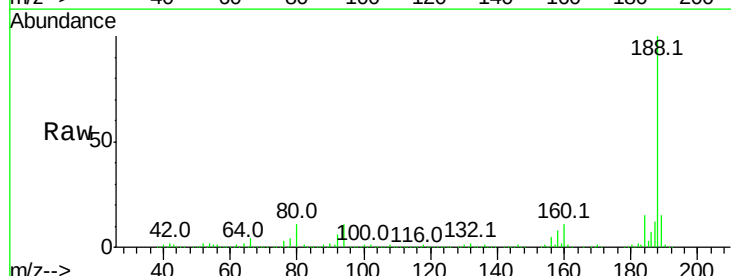


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

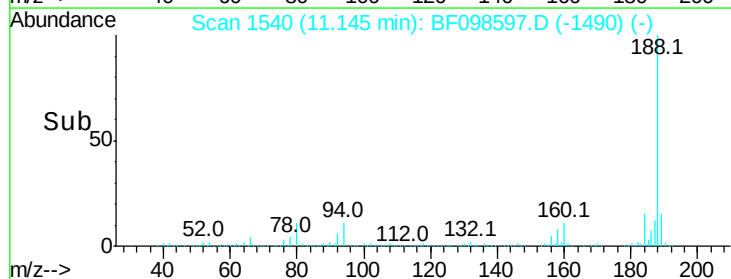
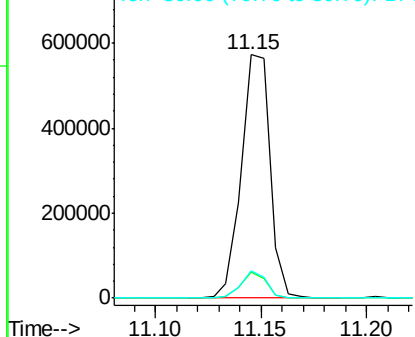


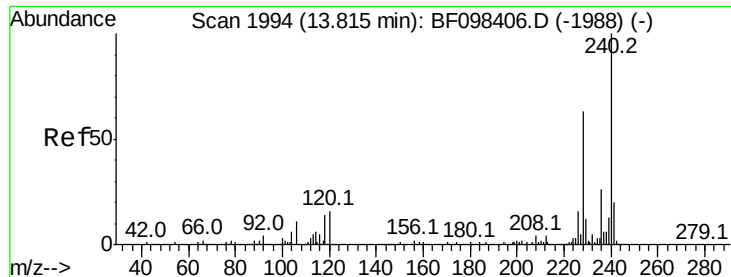
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:188 Resp: 540388
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 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: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

Instrument :

BNA_F

ClientSampled :

UT5400S21

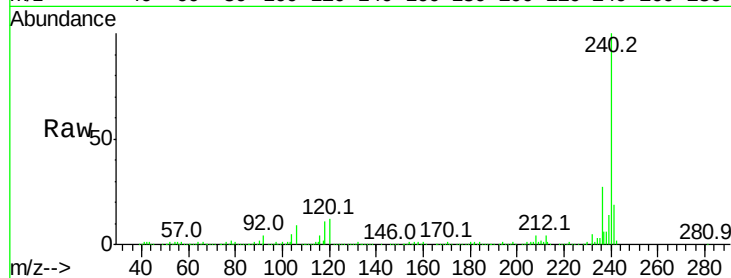
Tot Ion:240 Resp: 341396

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

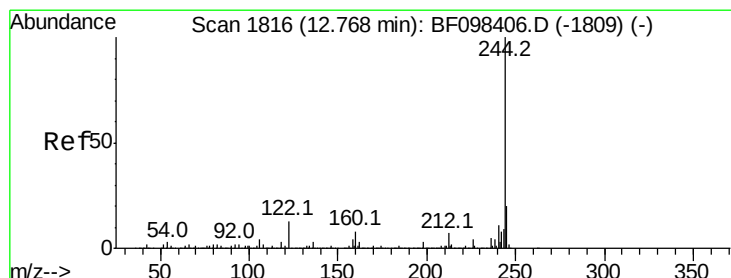
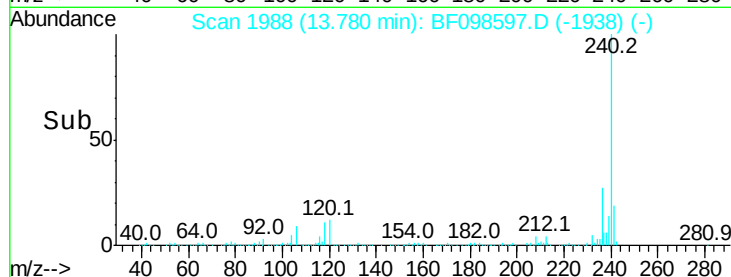
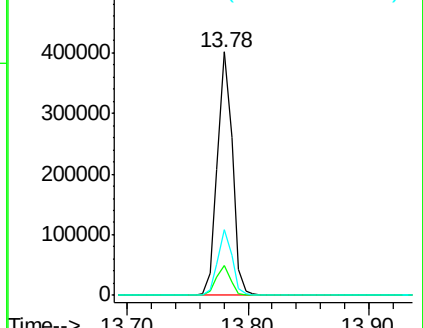
236 26.8 20.5 30.7



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: 84.075 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF098597.D

Acq: 18 Sep 2017 12:55

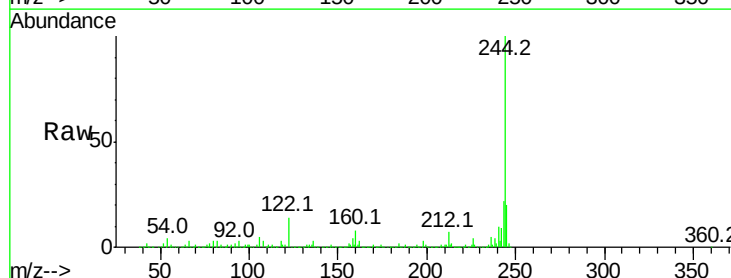
Tgt Ion:244 Resp: 1329788

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

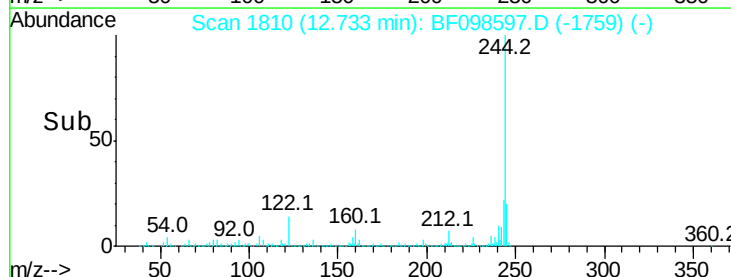
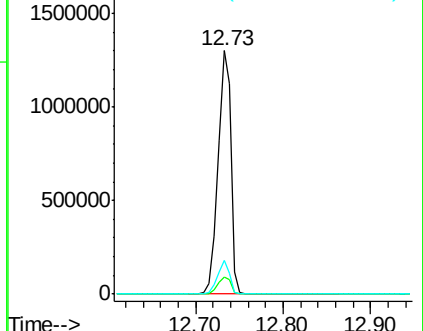
122 13.6 10.3 15.5

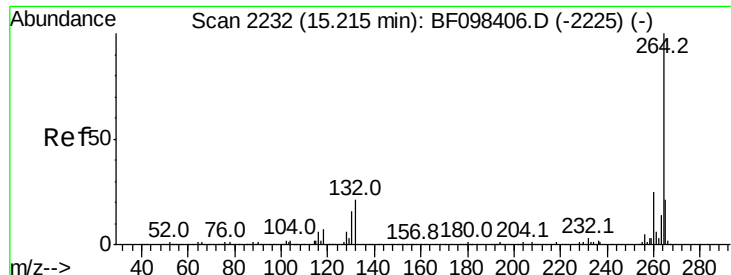


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.2	25.8

