

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097804.D
 Acq On : 17 Aug 2017 23:44
 Operator : SJ/JU
 Sample : I4754-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

Quant Time: Aug 18 04:13:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

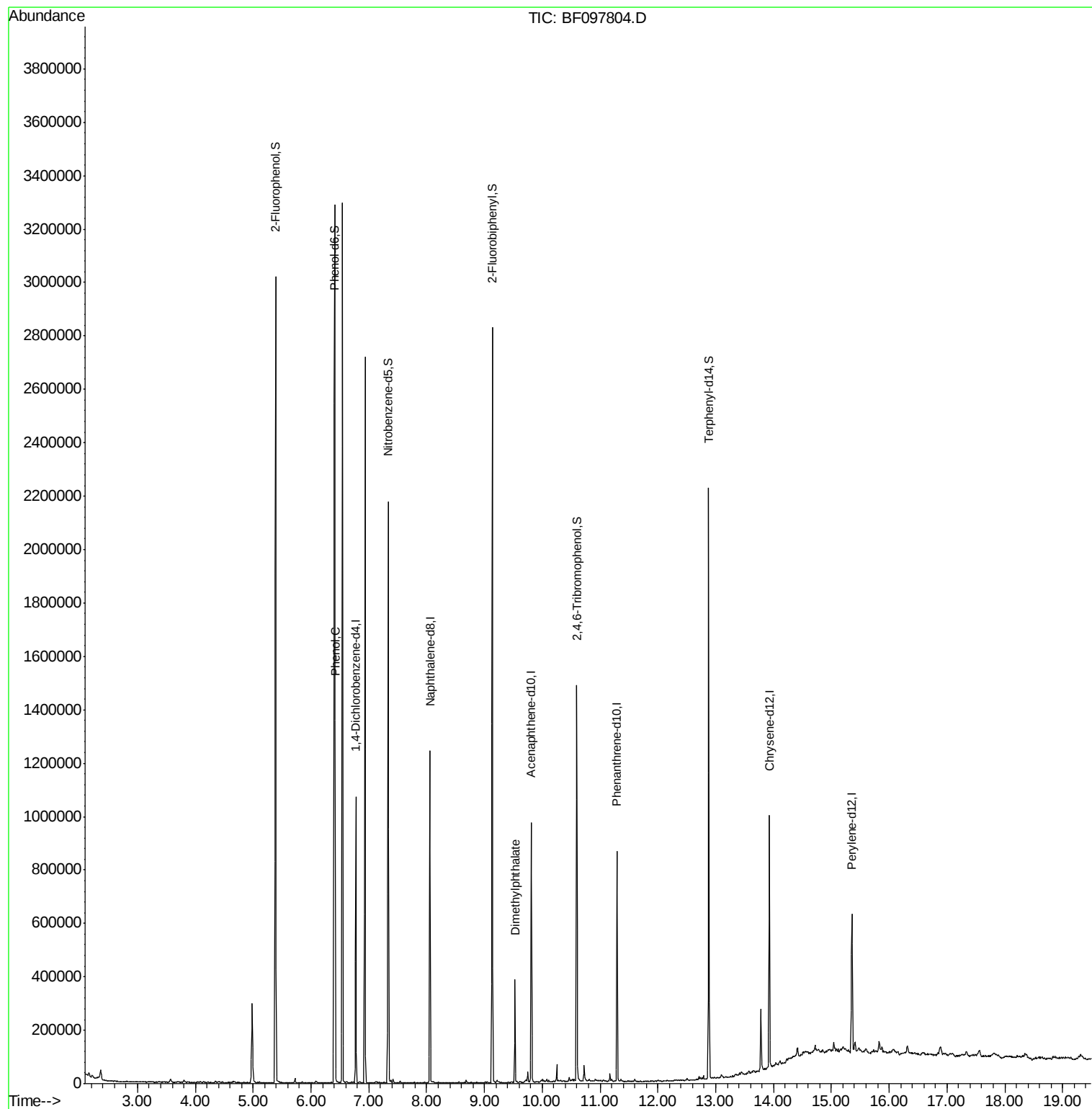
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135443	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	482373	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	172465	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	285983	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	288805	20.00	ng	-0.01
86) Perylene-d12	15.36	264	213345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	923885	103.76	ng	0.00
7) Phenol-d6	6.41	99	1218535	100.72	ng	0.00
23) Nitrobenzene-d5	7.34	82	733678	82.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	139686	93.35	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	892523	76.03	ng	0.00
78) Terphenyl-d14	12.88	244	655082	47.30	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	43325	3.062	ng	89
49) Dimethylphthalate	9.53	163	119204	9.456	ng	98

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

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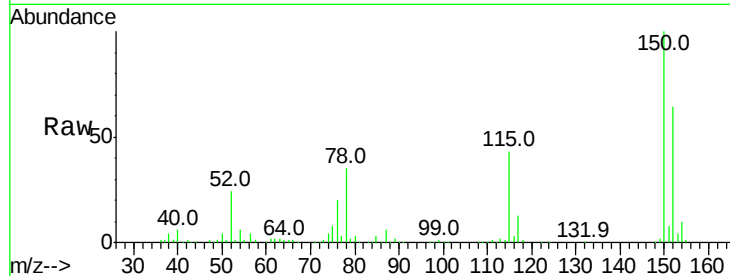


#1

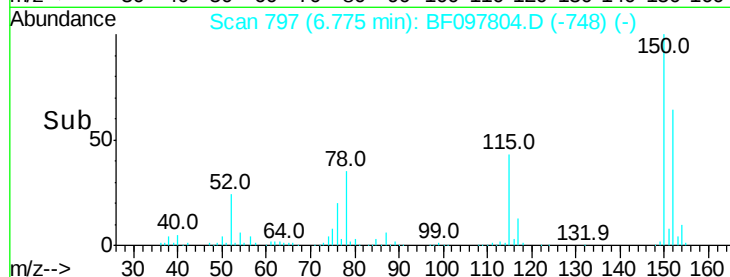
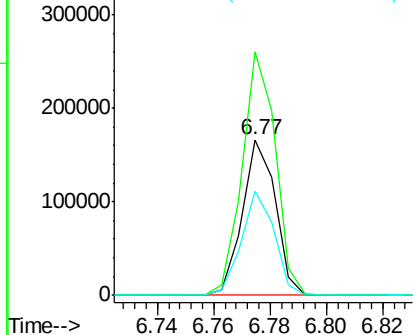
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

Tot Ion:152 Resp: 135443
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 67.2 52.2 78.2



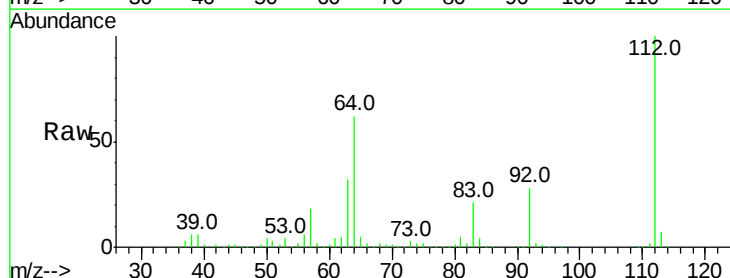
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



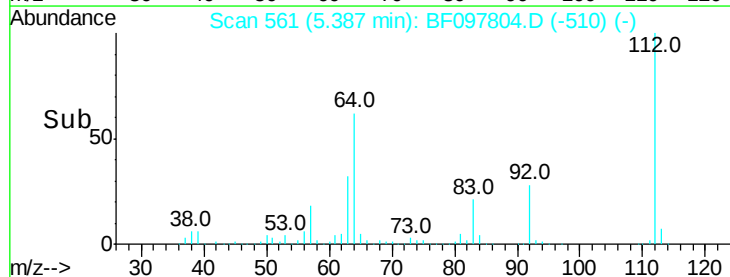
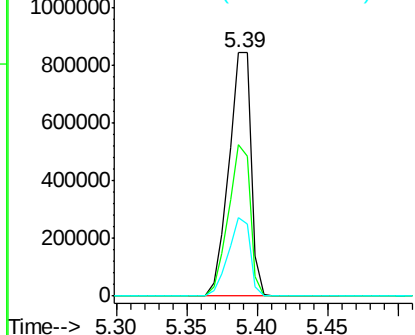
#5

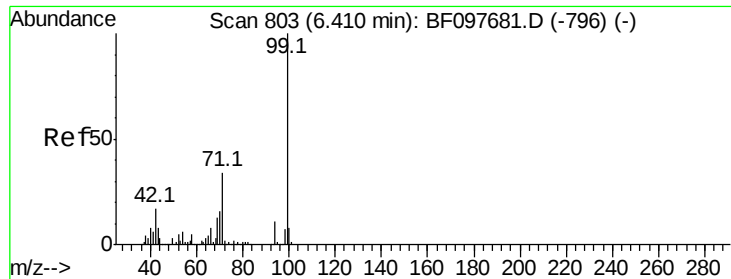
2-Fluorophenol
Concen: 103.756 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Tgt Ion:112 Resp: 923885
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 32.0 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: 100.717 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

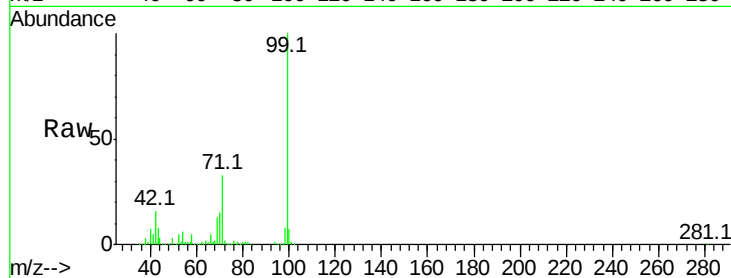
Tot Ion: 99 Resp: 1218535

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

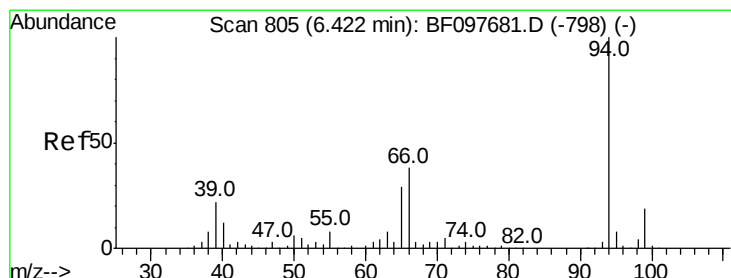
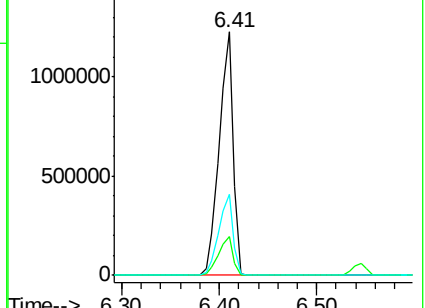
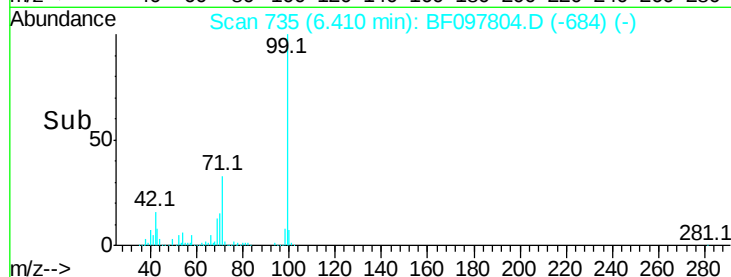
71 33.5 24.5 36.7



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



#10

Phenol

Concen: 3.062 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

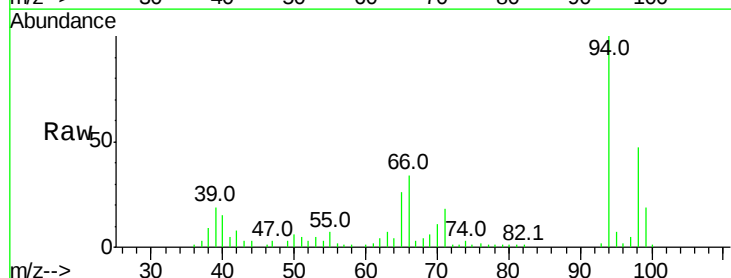
Tgt Ion: 94 Resp: 43325

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

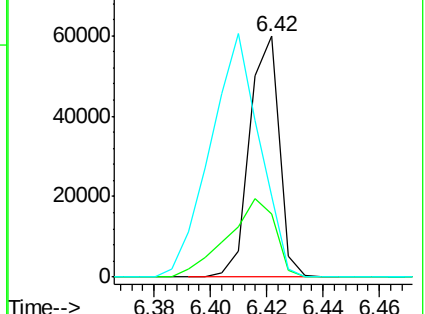
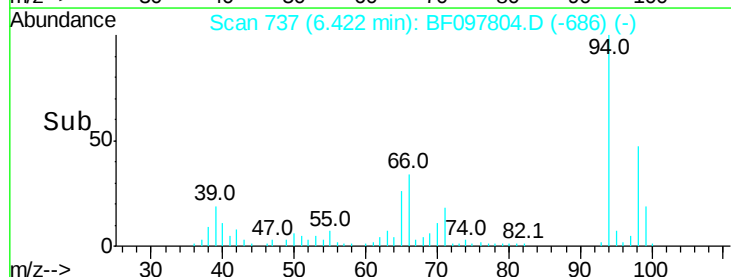
66 33.6 23.1 63.1

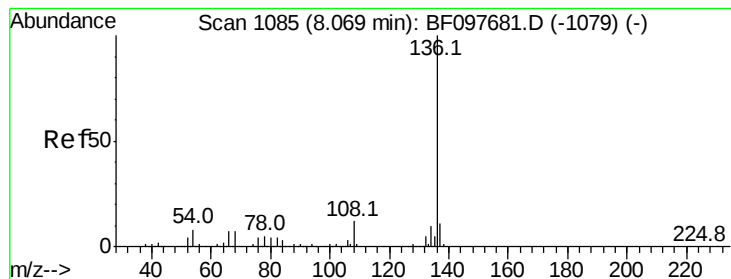


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

Tot Ion:136 Resp: 482373

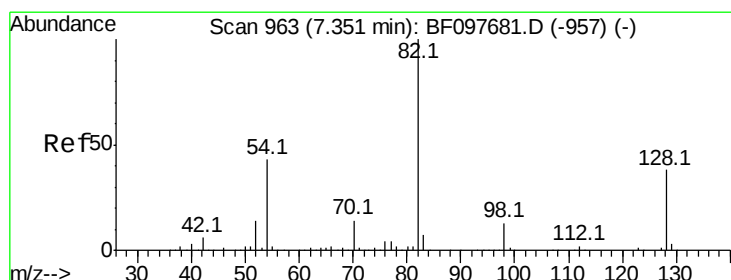
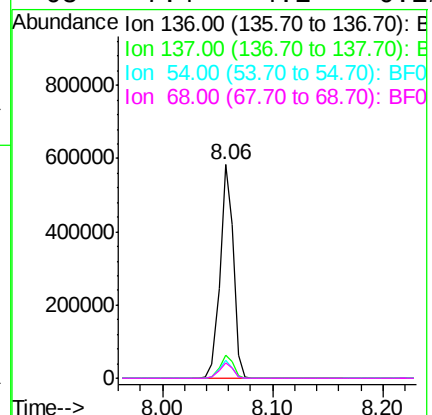
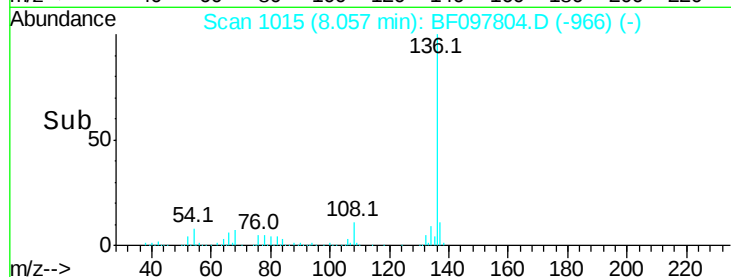
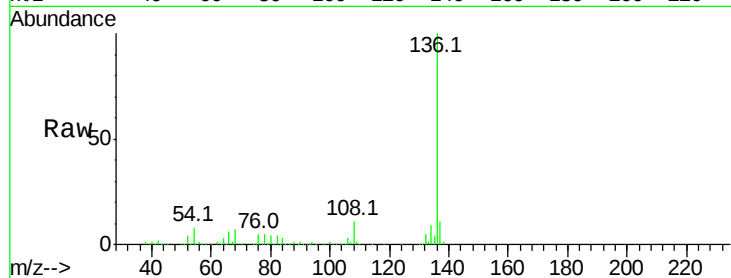
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.3 4.9 7.3#

68 7.4 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 82.626 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

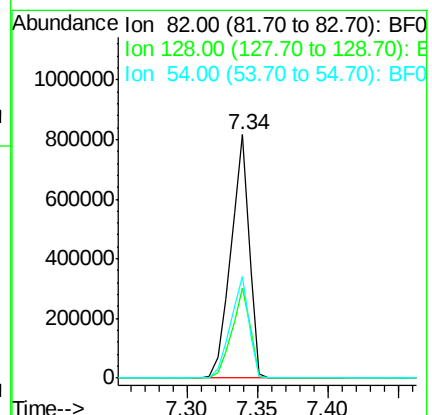
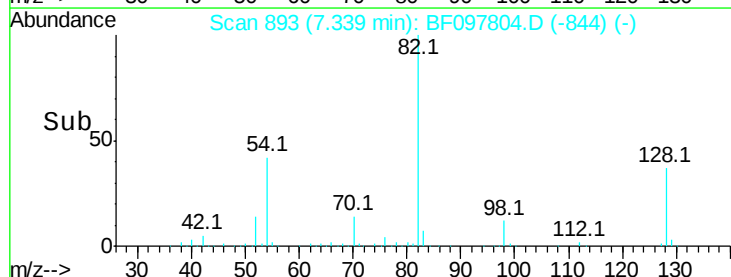
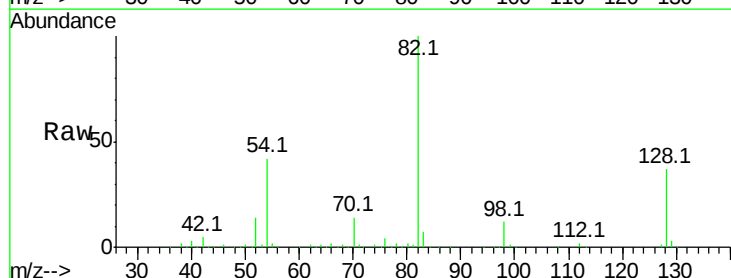
Tgt Ion: 82 Resp: 733678

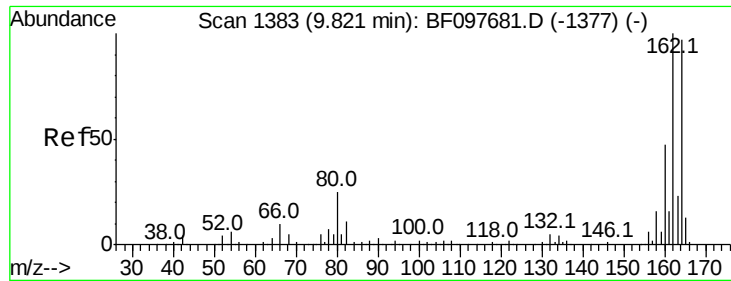
Ion Ratio Lower Upper

82 100

128 36.9 34.0 51.0

54 41.9 42.2 63.2#

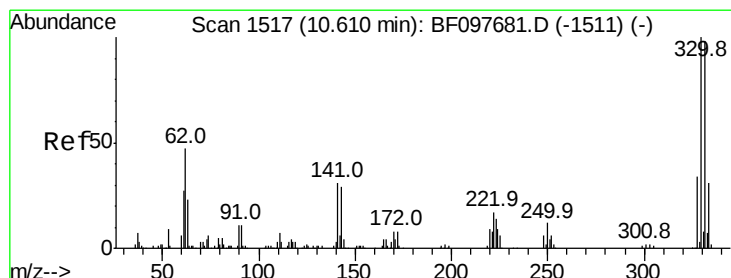
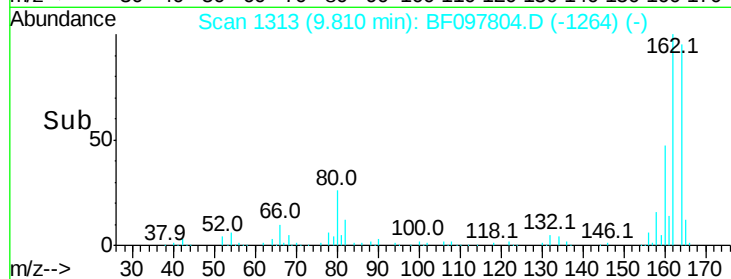
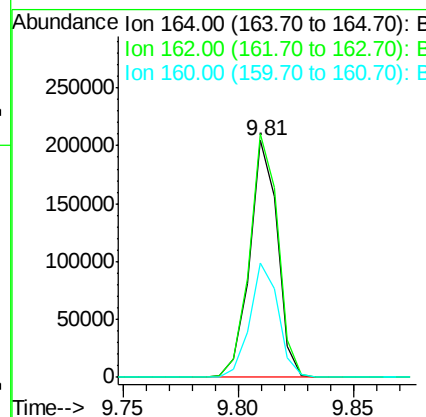
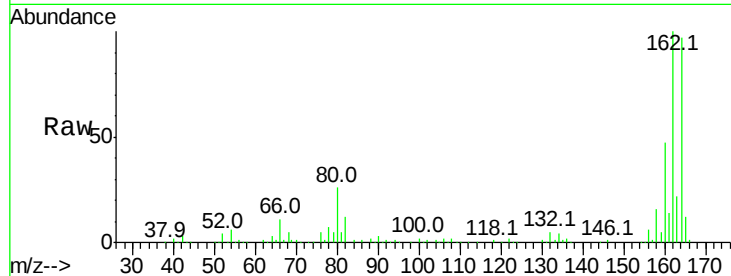




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

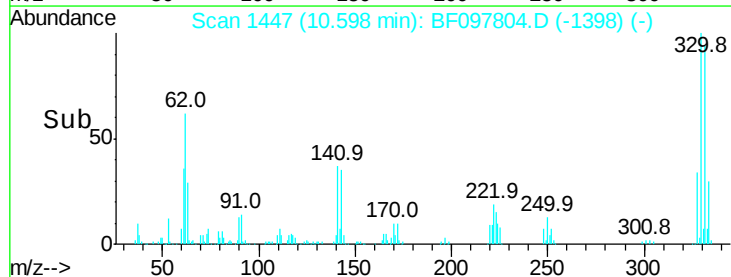
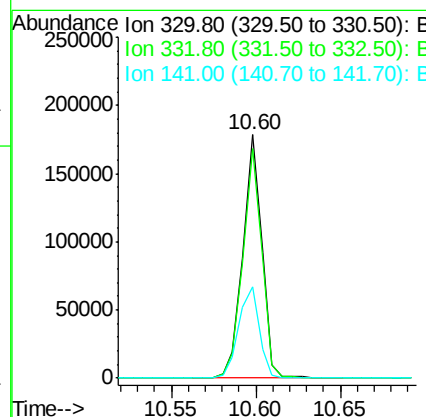
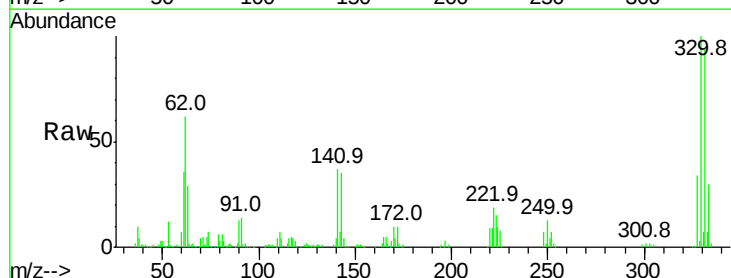
Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

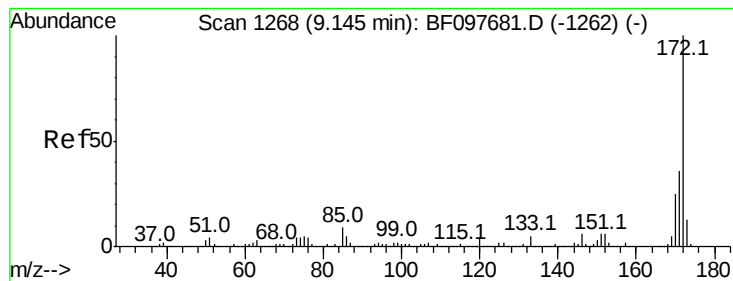
Tot Ion:164 Resp: 172465
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 48.0 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 93.347 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Tgt Ion:330 Resp: 139686
Ion Ratio Lower Upper
330 100
332 94.6 76.6 115.0
141 40.8 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 76.033 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

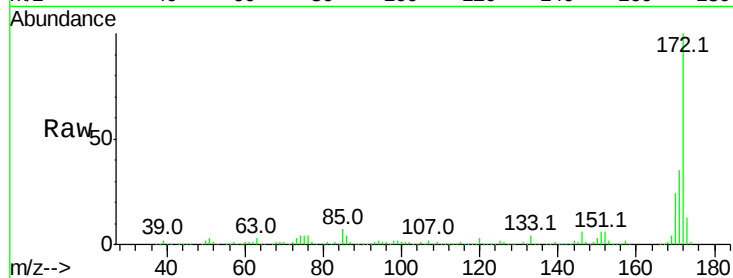
Tot Ion:172 Resp: 892523

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

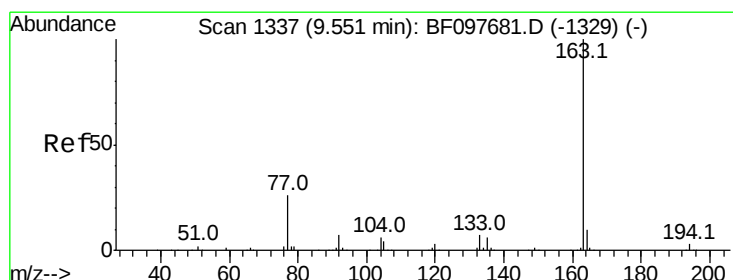
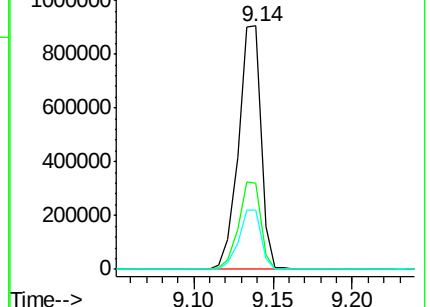
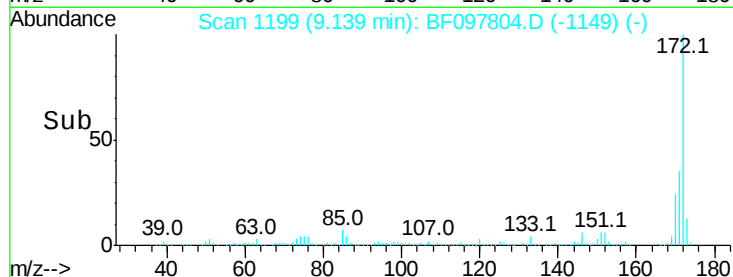
170 24.2 19.8 29.8



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: 9.456 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

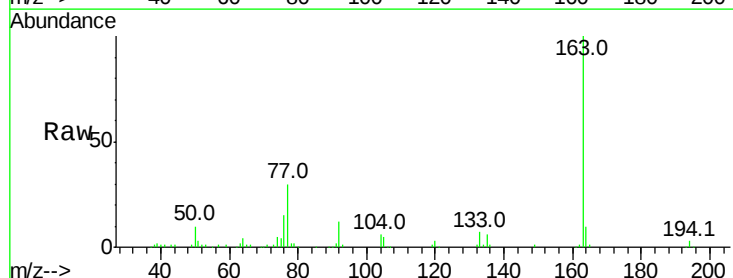
Tgt Ion:163 Resp: 119204

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

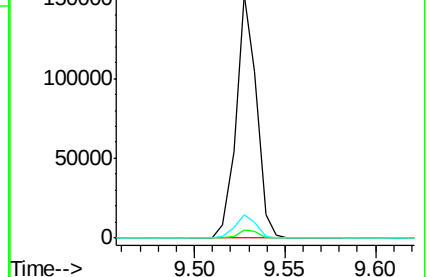
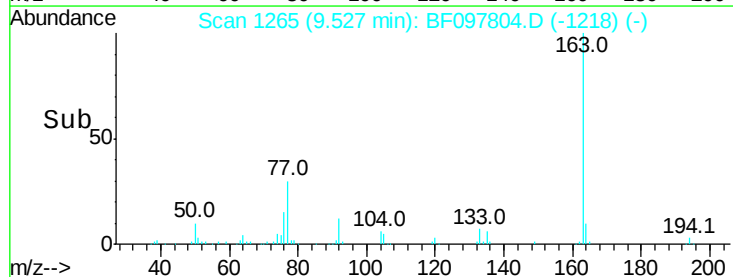
164 9.6 8.4 12.6

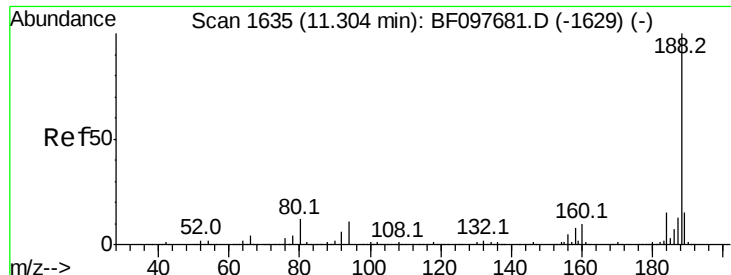


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

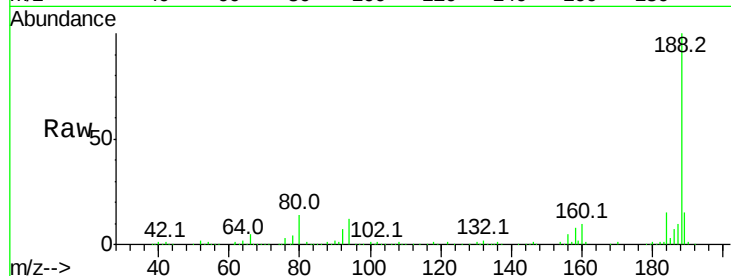




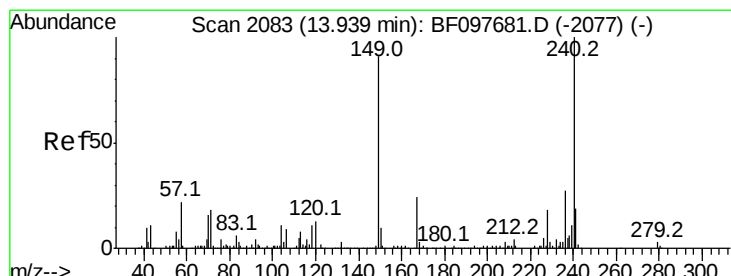
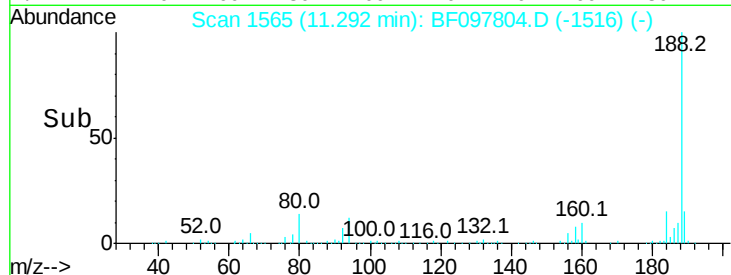
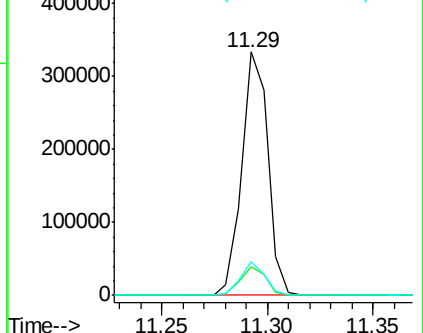
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

Tot Ion:188 Resp: 285983
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.8 10.2 15.2

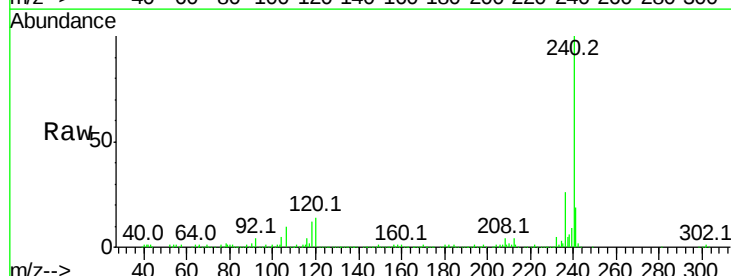


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

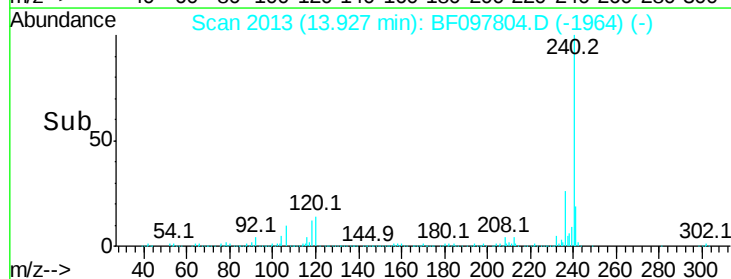
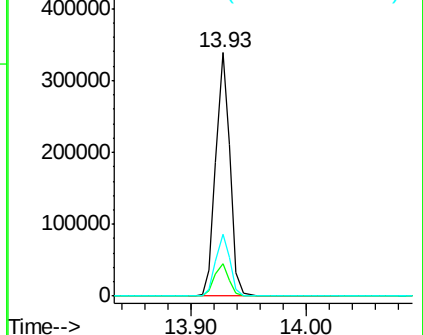


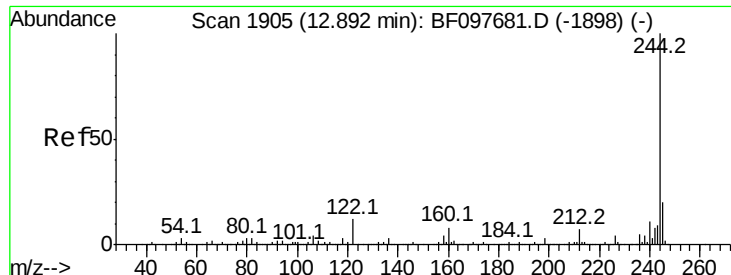
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Tgt Ion:240 Resp: 288805
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.7 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: 47.301 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

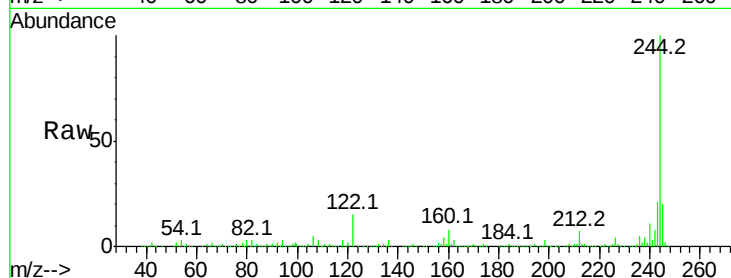
Tot Ion:244 Resp: 655082

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

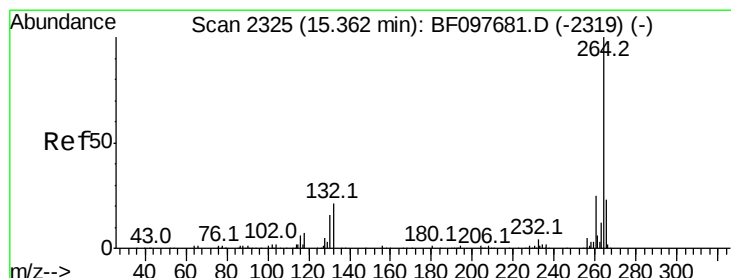
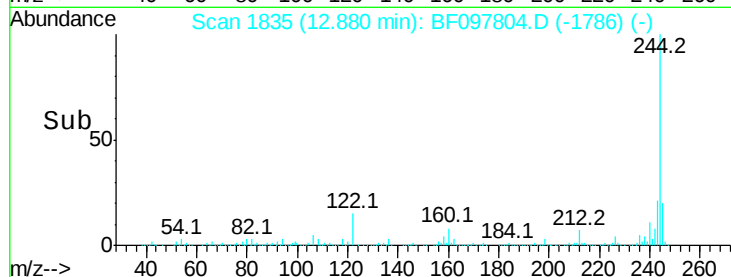
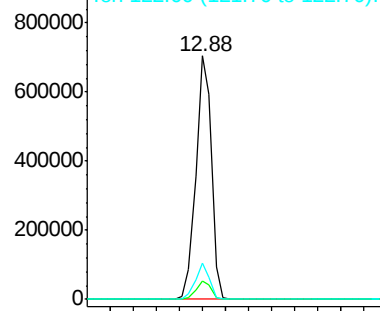
122 14.7 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

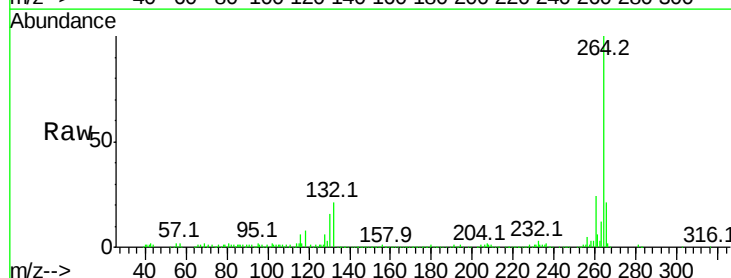
Tgt Ion:264 Resp: 213345

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.0 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

