

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104103.D
 Acq On : 30 Mar 2018 20:01
 Operator : JU/SJ
 Sample : J2128-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(0-5)

Quant Time: Mar 30 23:49:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

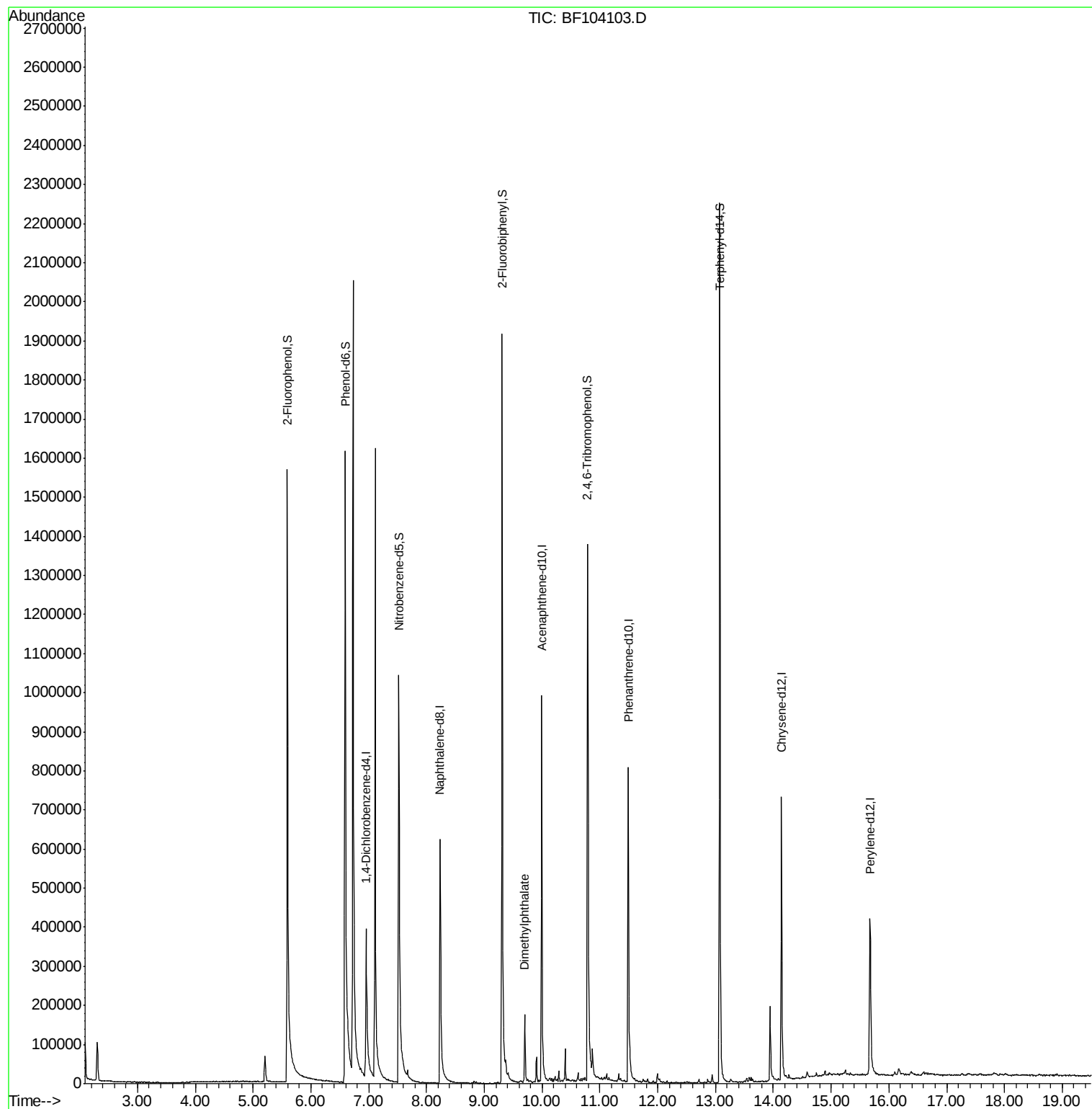
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	115150	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	490050	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	238873	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	443529	20.00	ng	0.00
75) Chrysene-d12	14.14	240	317125	20.00	ng	0.00
86) Perylene-d12	15.67	264	241256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	746654	103.41	ng	0.01
7) Phenol-d6	6.59	99	1003454	112.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	604766	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	258277	97.10	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	833726	55.04	ng	0.00
78) Terphenyl-d14	13.07	244	918634	66.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	89576	4.750	ng	99

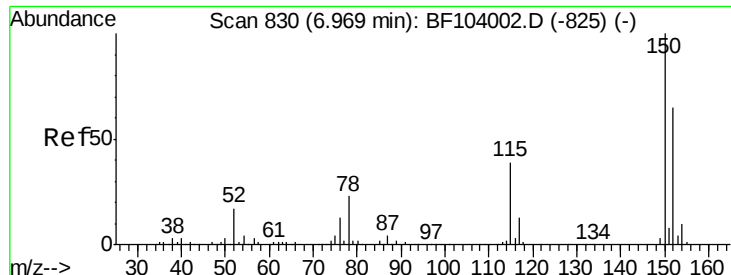
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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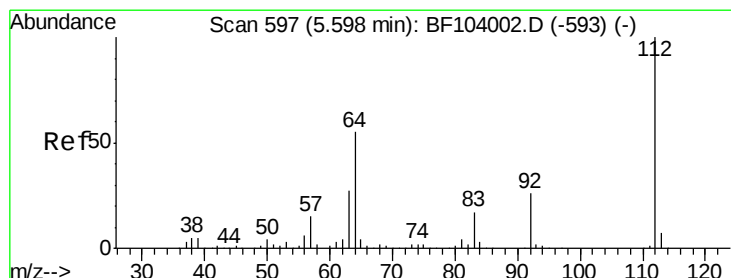
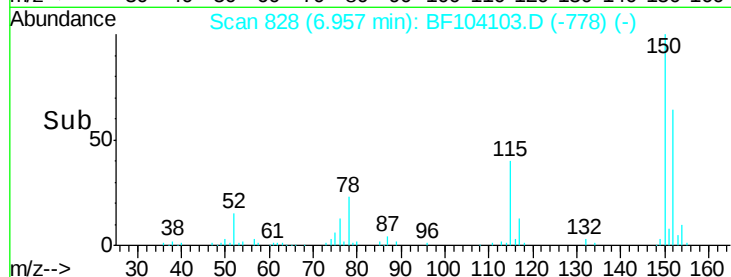
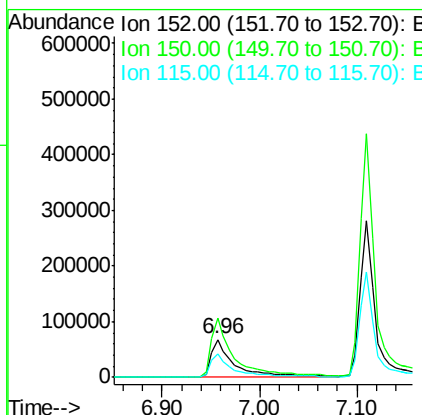
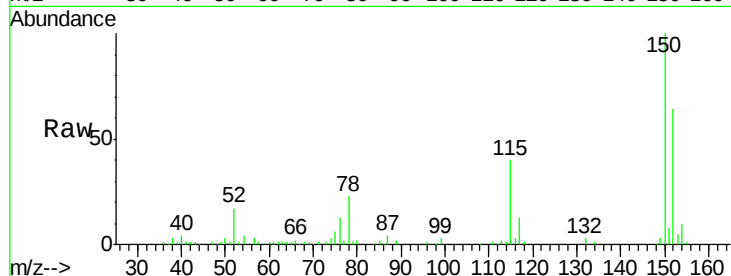


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(0-5)

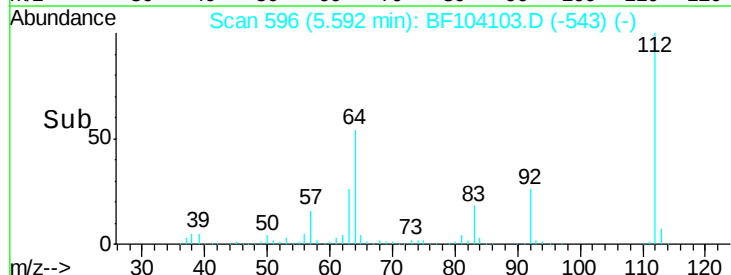
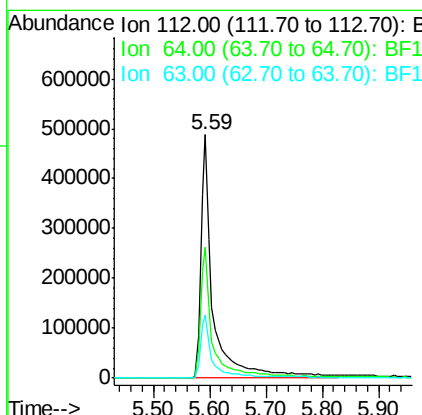
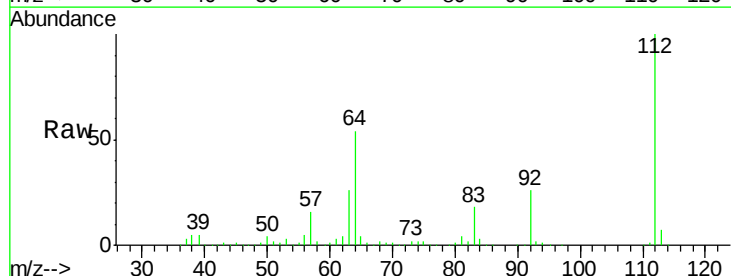
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.5	50.1	75.1

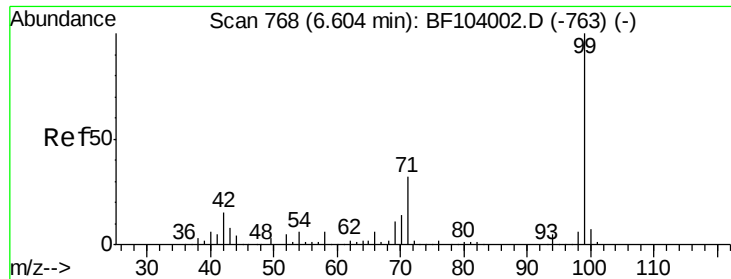


#5

2-Fluorophenol
 Concen: 103.406 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.1	23.7	35.5





#7

Phenol-d6

Concen: 112.957 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(0-5)

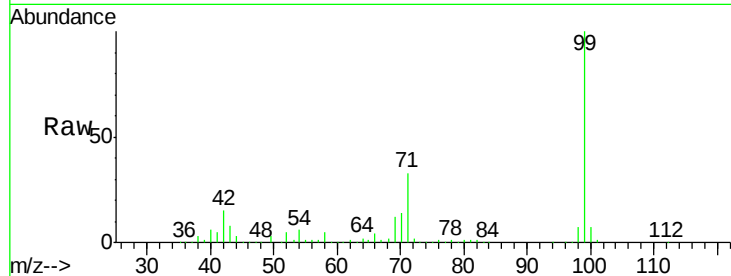
Tot Ion: 99 Resp: 1003454

Ion Ratio Lower Upper

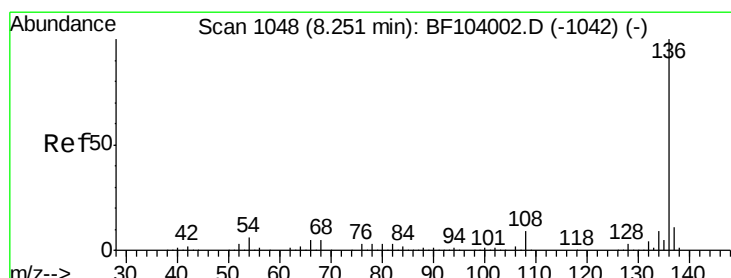
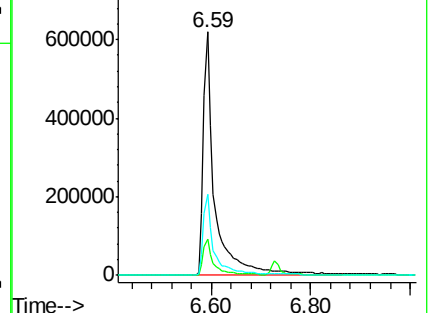
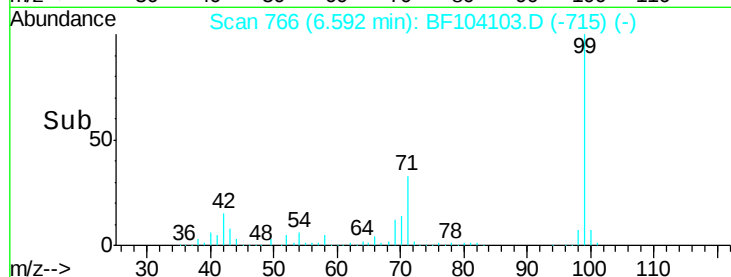
99 100

42 14.9 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Tgt Ion: 136 Resp: 490050

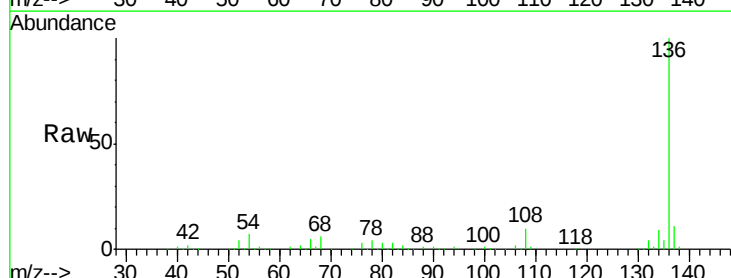
Ion Ratio Lower Upper

136 100

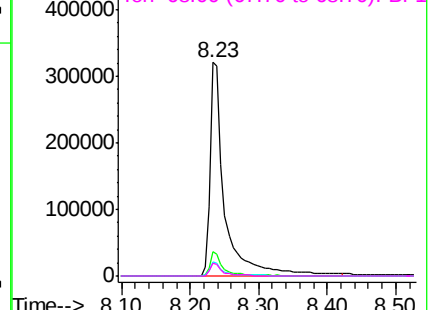
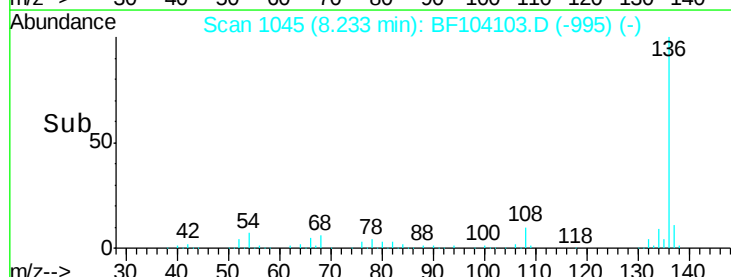
137 11.3 8.9 13.3

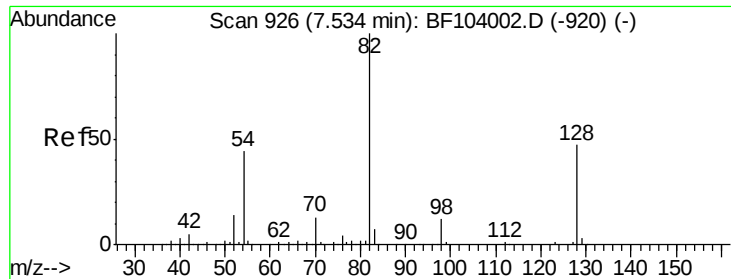
54 6.9 6.6 9.8

68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

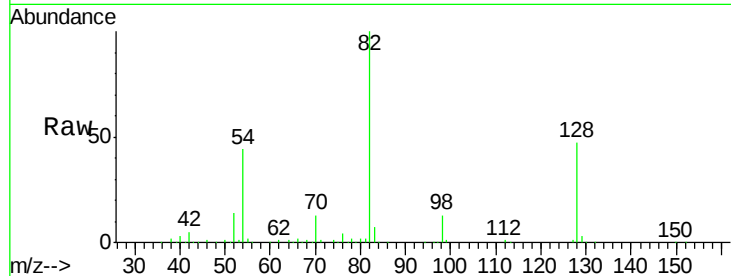




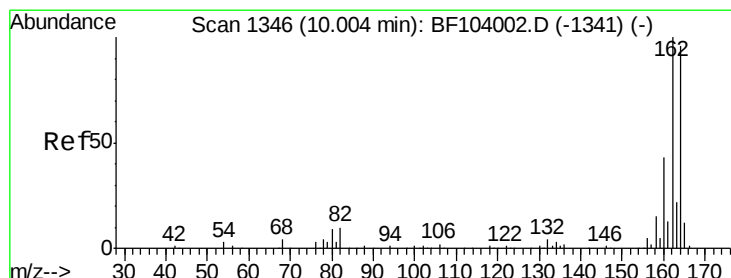
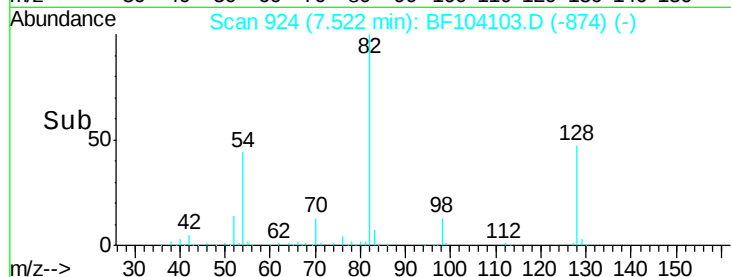
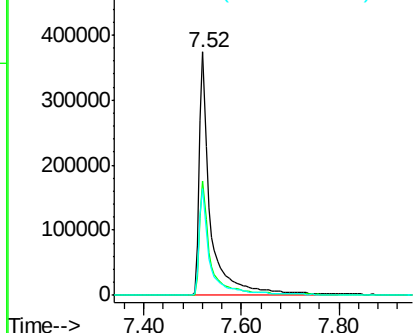
#23
 Nitrobenzene-d5
 Concen: 75.471 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(0-5)

Tot Ion: 82 Resp: 604766
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.0 41.4 62.2

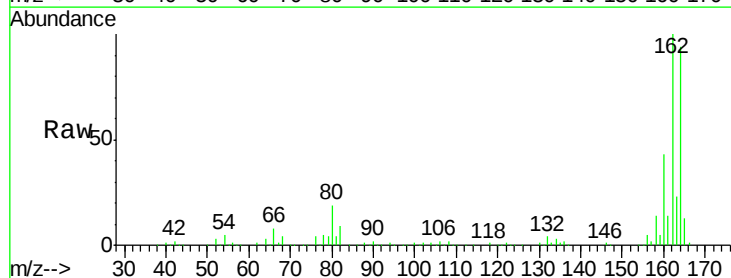


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

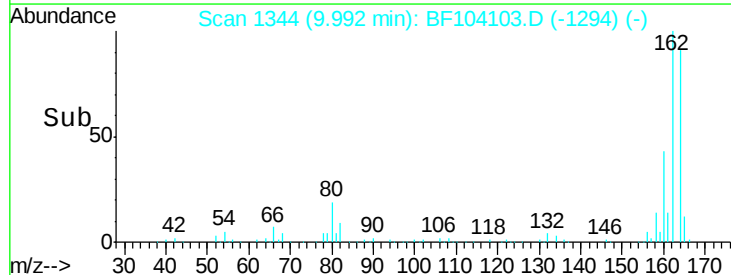
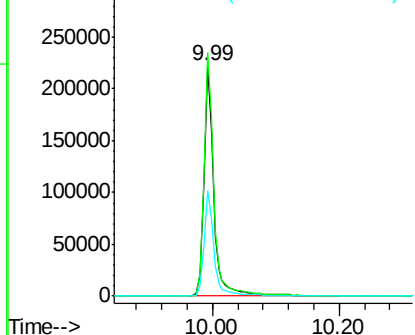


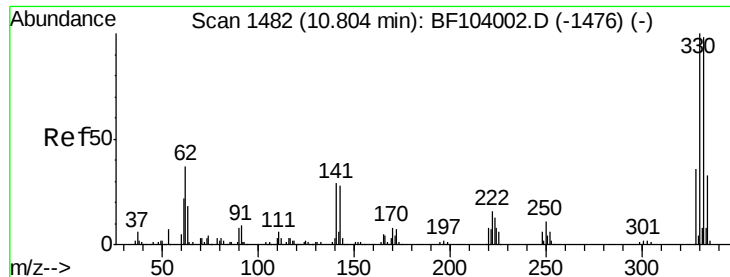
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Tgt Ion:164 Resp: 238873
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.0 38.3 57.5



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: 97.102 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(0-5)

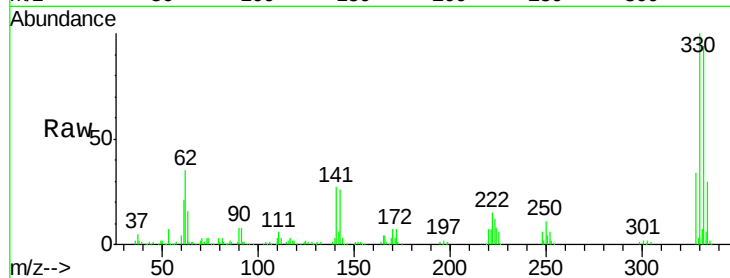
Tot Ion:330 Resp: 258277

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

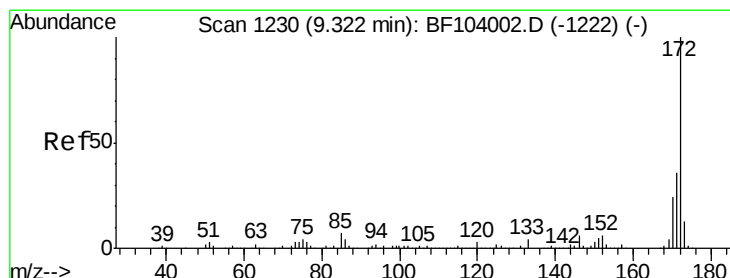
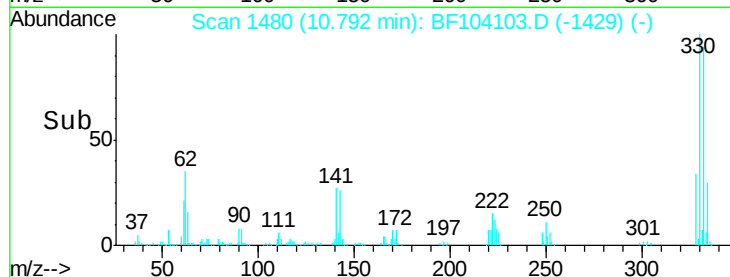
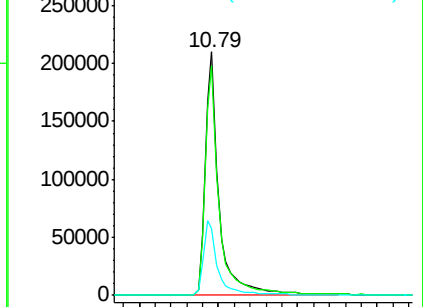
141 32.7 29.9 44.9



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: 55.038 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

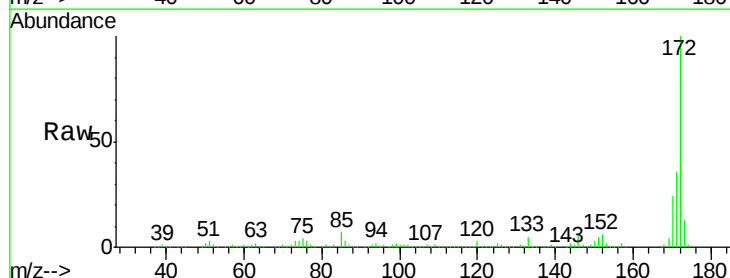
Tgt Ion:172 Resp: 833726

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

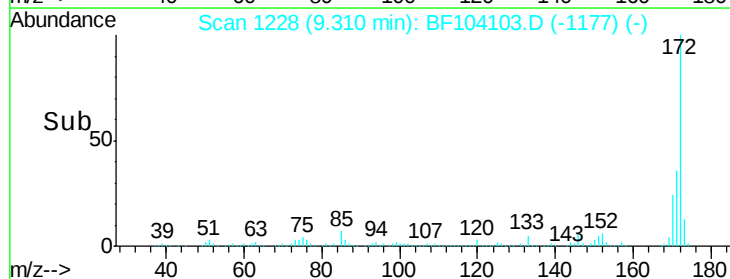
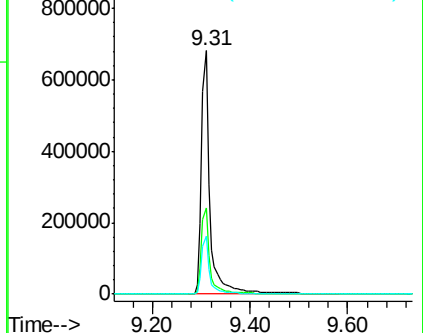
170 23.6 19.6 29.4

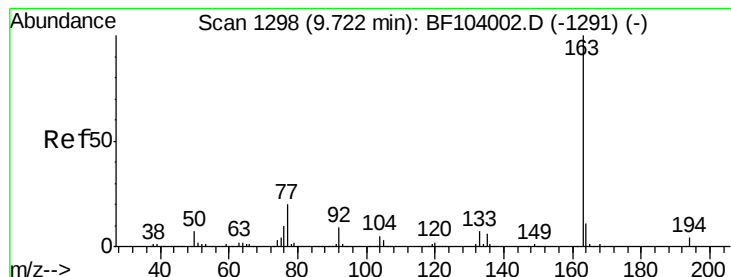


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.750 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(0-5)

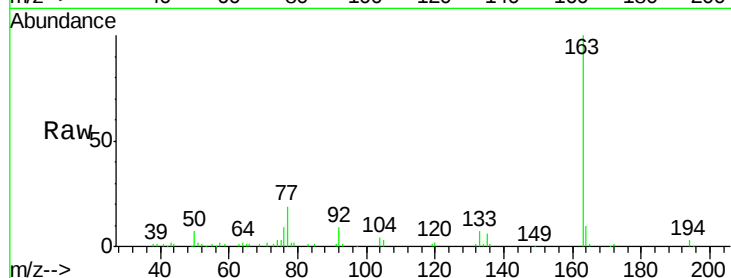
Tot Ion:163 Resp: 89576

Ion Ratio Lower Upper

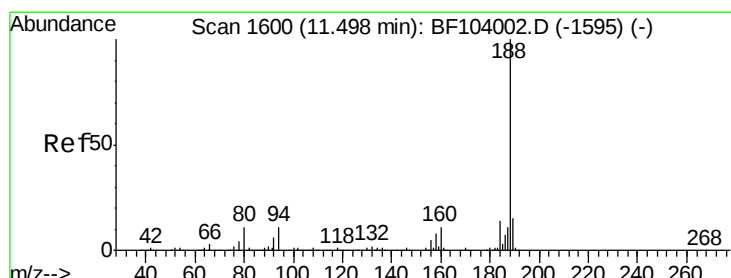
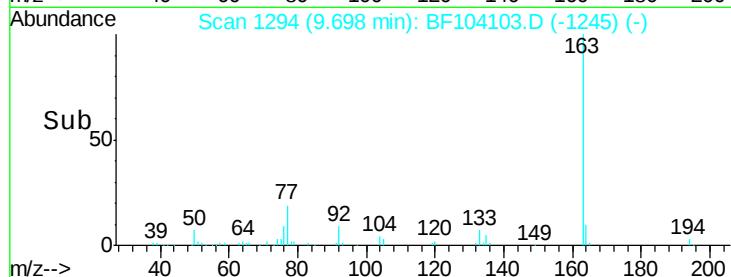
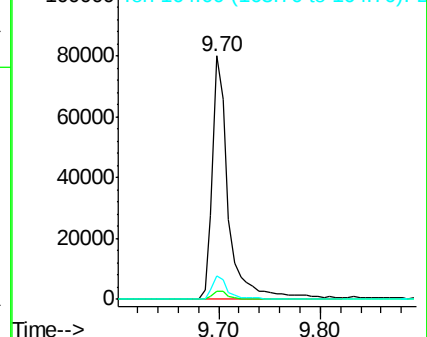
163 100

194 3.2 2.7 4.1

164 9.8 8.2 12.2



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: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

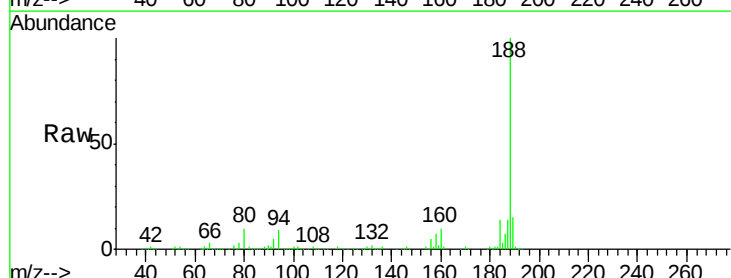
Tgt Ion:188 Resp: 443529

Ion Ratio Lower Upper

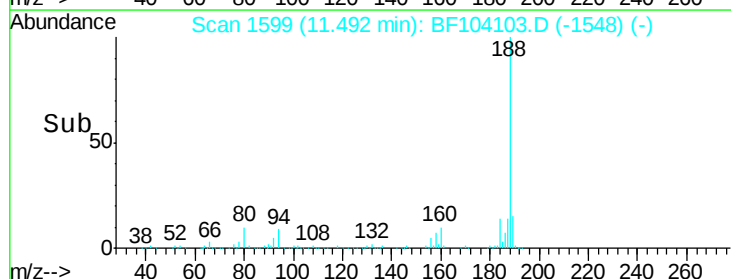
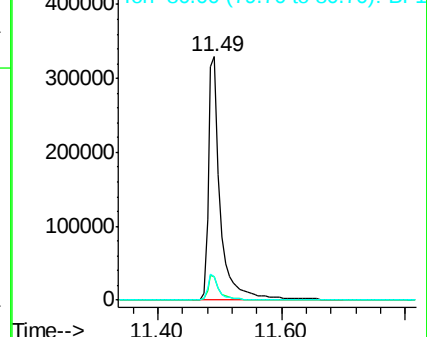
188 100

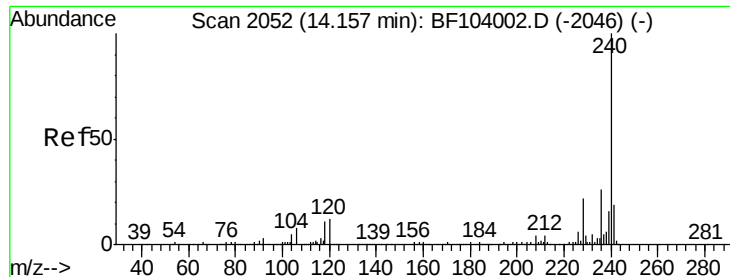
94 9.4 8.5 12.7

80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(0-5)

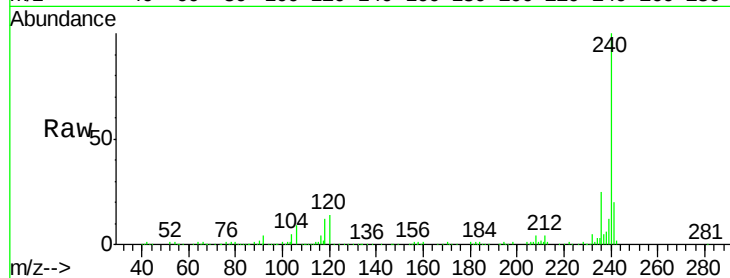
Tot Ion:240 Resp: 317125

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

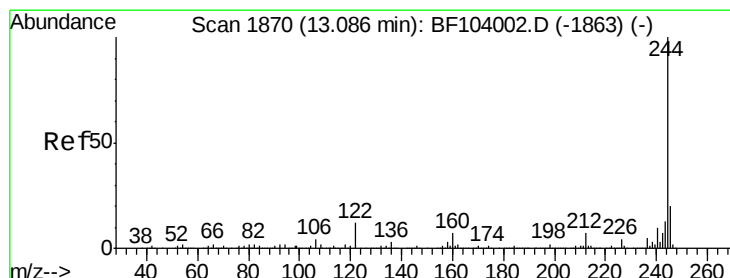
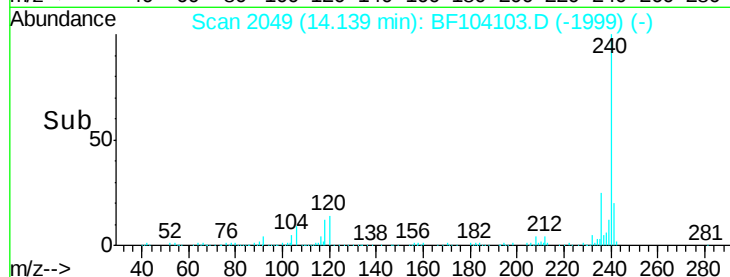
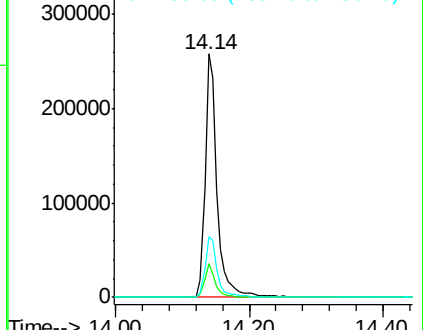
236 25.1 20.7 31.1



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: 66.885 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

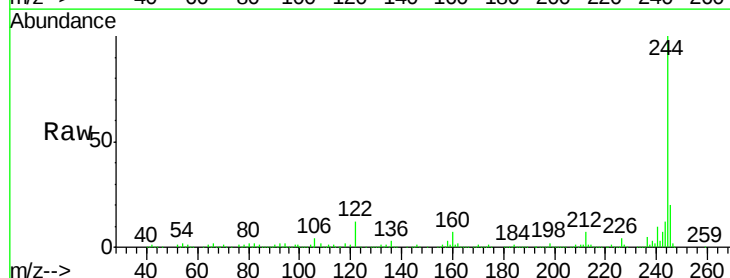
Tgt Ion:244 Resp: 918634

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

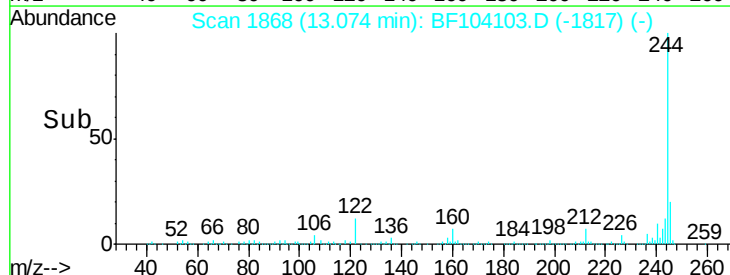
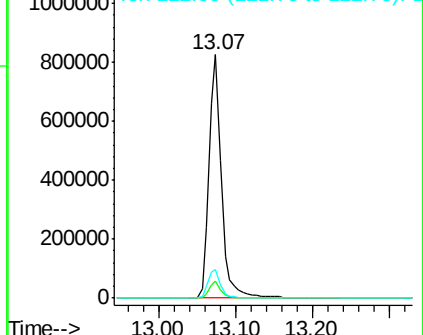
122 11.8 11.0 16.4

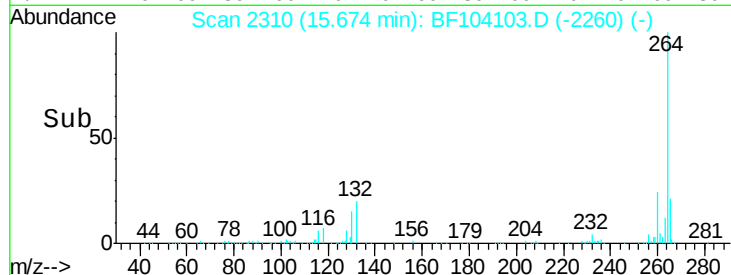
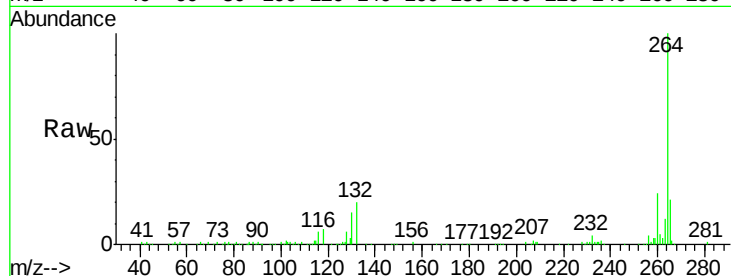
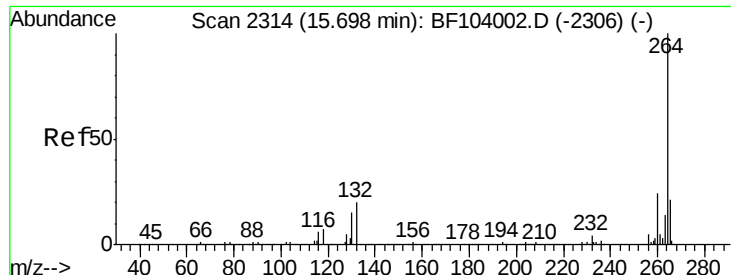


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(0-5)

Tot Ion:	264	Resp:	241256
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3

