

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100403.D
 Acq On : 10 Nov 2017 20:44
 Operator : SJ/JU
 Sample : I6388-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-5

Quant Time: Nov 10 23:08:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

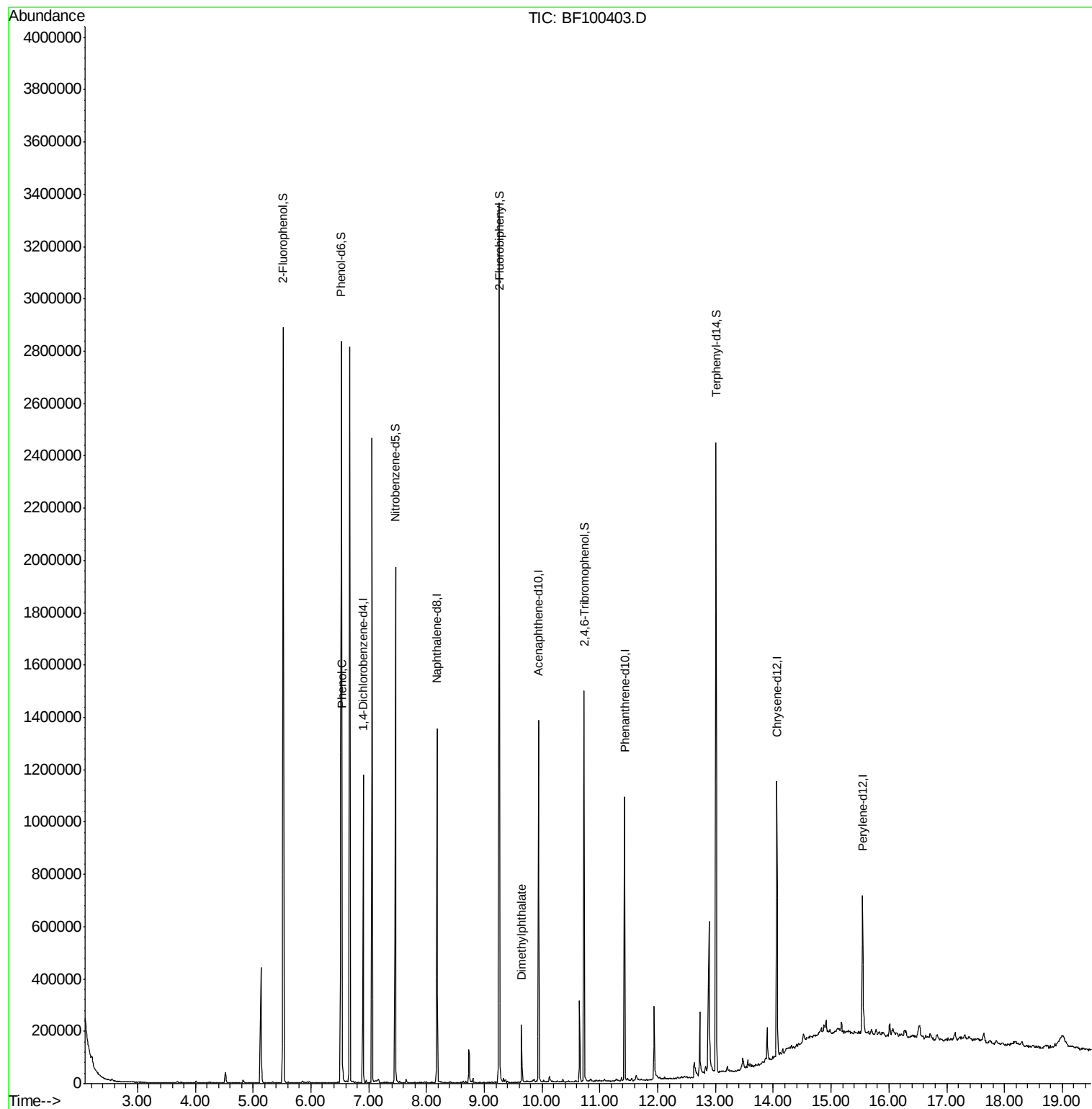
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	162765	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	614827	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	248372	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	401734	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340611	20.00	ng	0.00
86) Perylene-d12	15.54	264	258092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	826274	81.38	ng	0.00
7) Phenol-d6	6.53	99	995744	79.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	595502	64.04	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	186454	73.67	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1062325	65.13	ng	0.00
78) Terphenyl-d14	13.01	244	758494	51.17	ng	0.00
Target Compounds						
10) Phenol	6.54	94	32980	2.509	ng	97
49) Dimethylphthalate	9.65	163	94604	4.989	ng	# 97

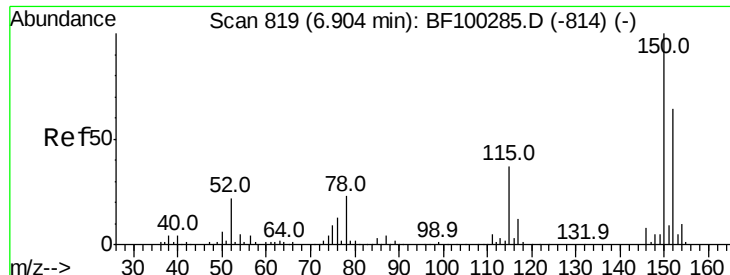
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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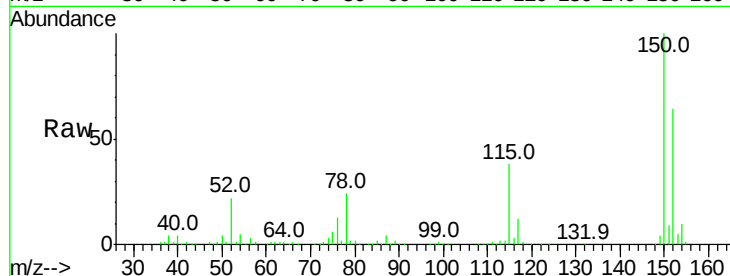


#1

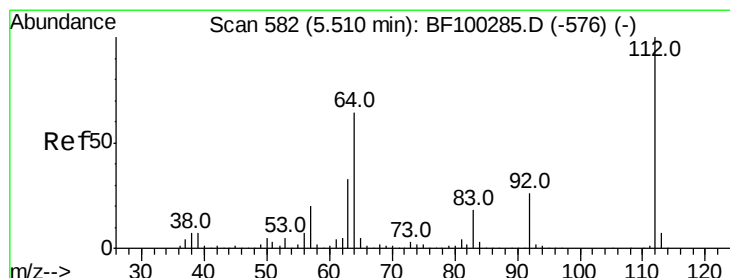
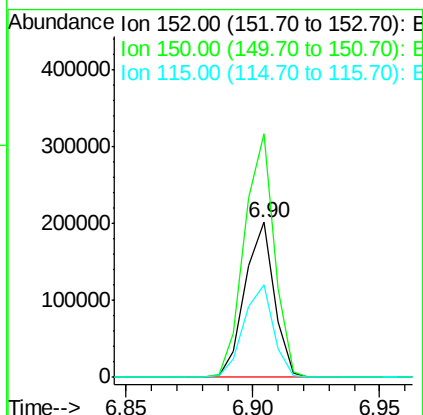
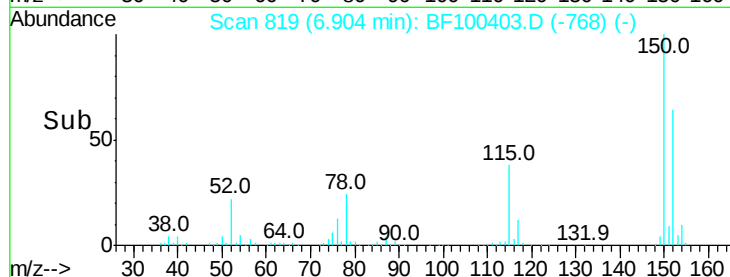
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :
3N-5

Tot Ion:152 Resp: 162765
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 59.8 50.1 75.1



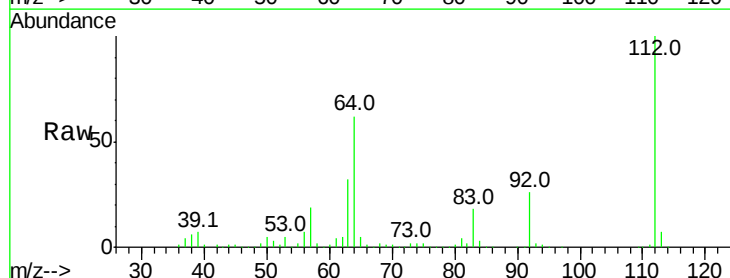
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



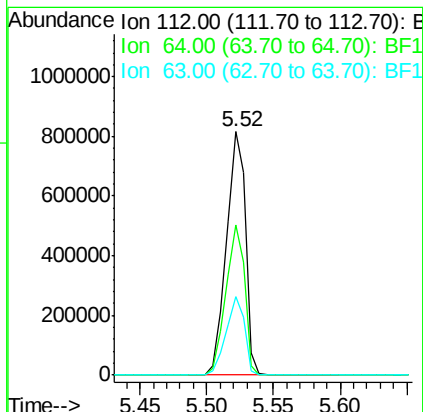
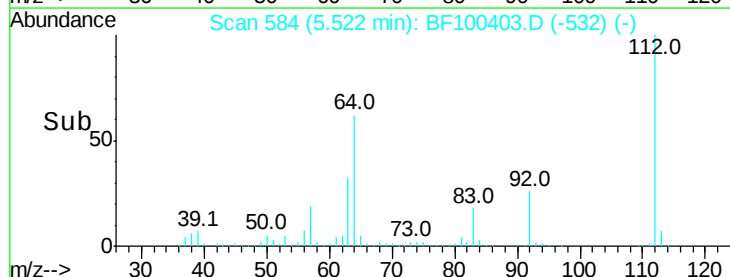
#5

2-Fluorophenol
Concen: 81.375 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:112 Resp: 826274
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.526 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

3N-5

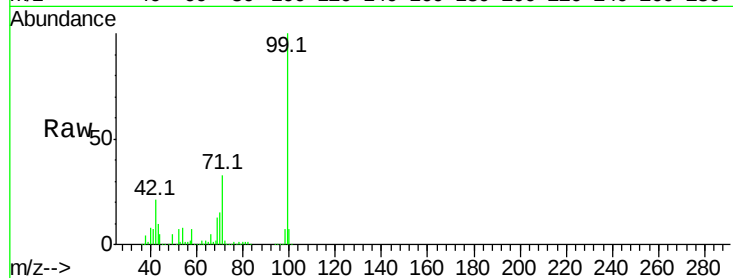
Tot Ion: 99 Resp: 995744

Ion Ratio Lower Upper

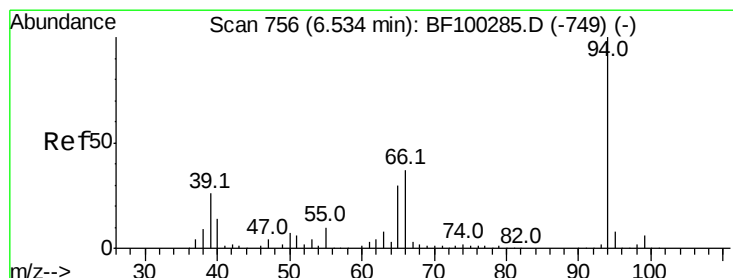
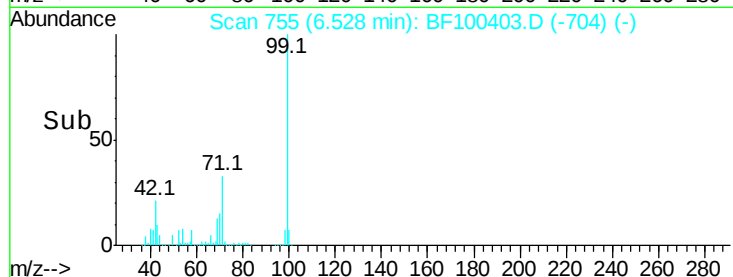
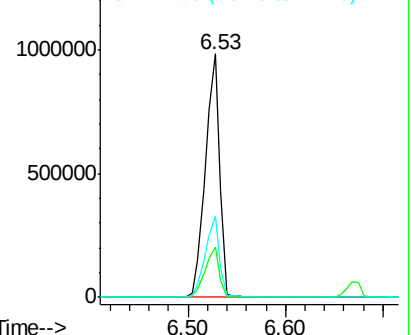
99 100

42 20.7 14.5 21.7

71 33.0 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



#10

Phenol

Concen: 2.509 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

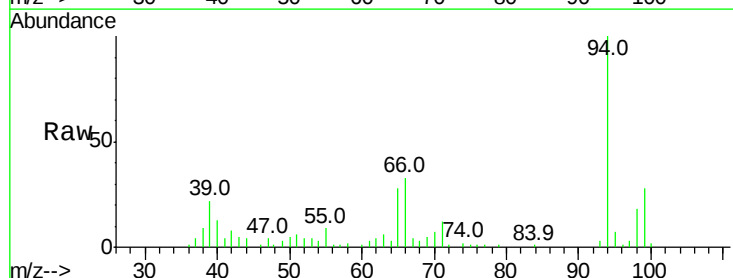
Tgt Ion: 94 Resp: 32980

Ion Ratio Lower Upper

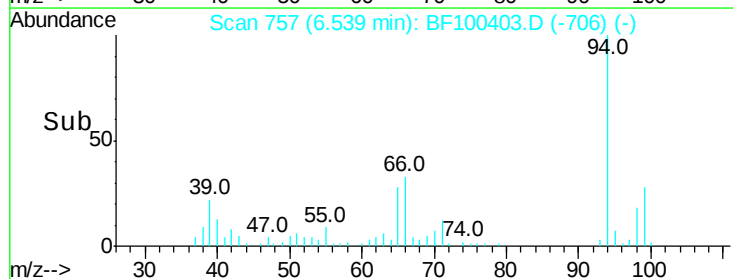
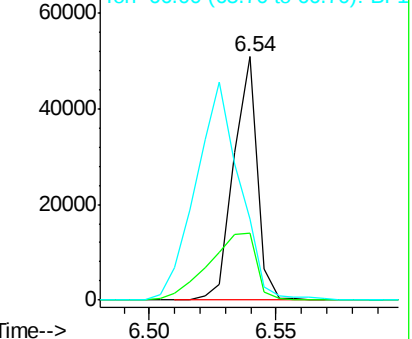
94 100

65 27.7 7.9 47.9

66 33.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

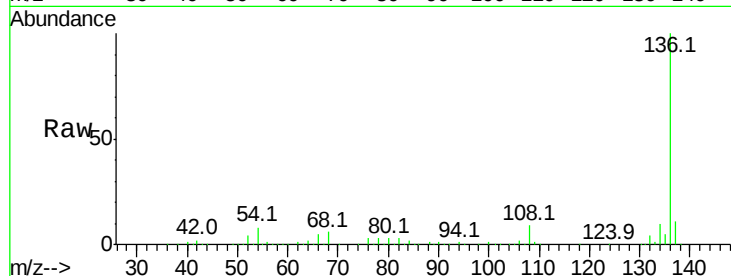




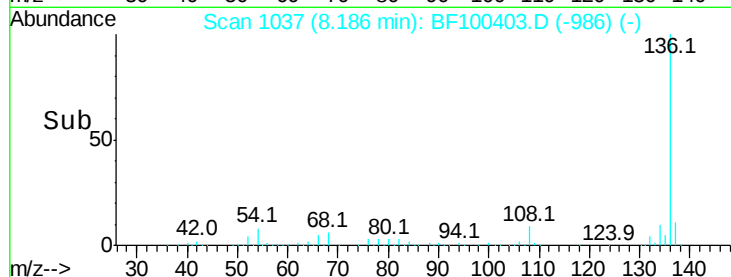
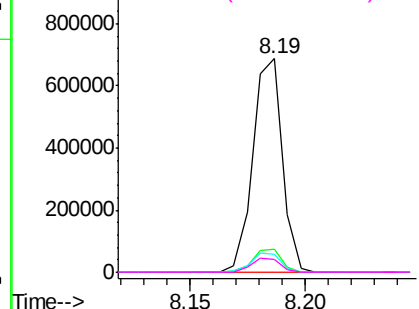
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :
3N-5

Tot Ion:136	Resp: 614827
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 8.4	6.6 9.8
68 6.0	5.0 7.4

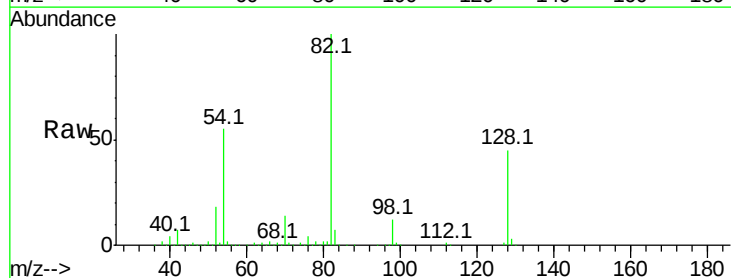


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

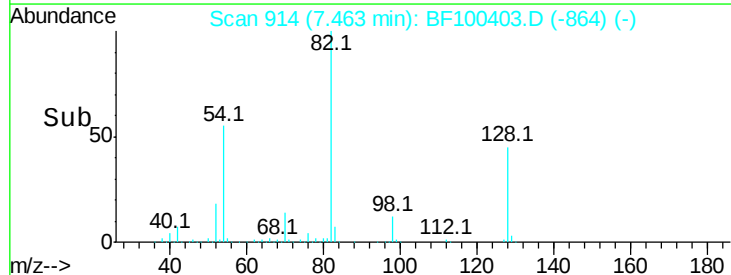
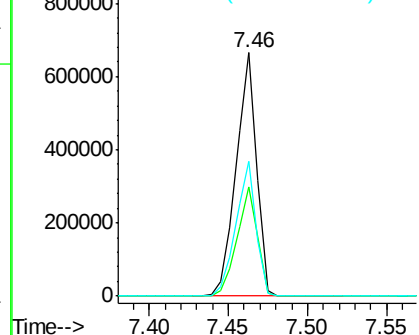


#23
Nitrobenzene-d5
Concen: 64.035 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 82	Resp: 595502
Ion Ratio	Lower Upper
82 100	
128 44.6	36.1 54.1
54 55.4	41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

3N-5

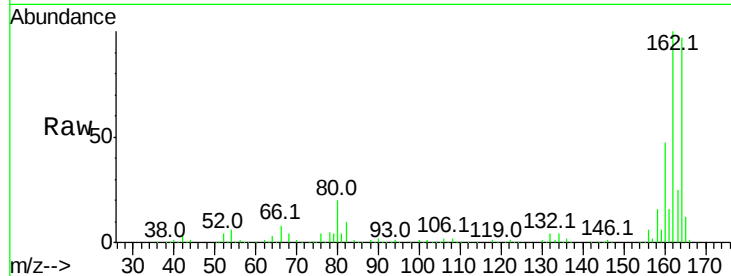
Tot Ion:164 Resp: 248372

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

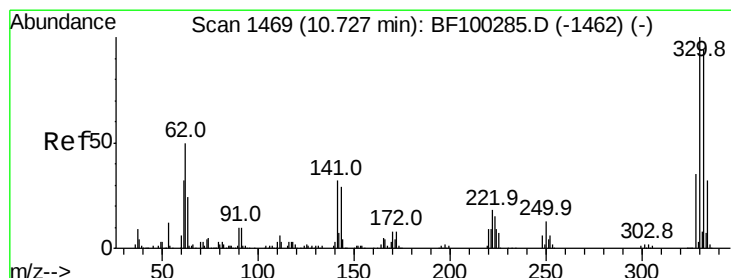
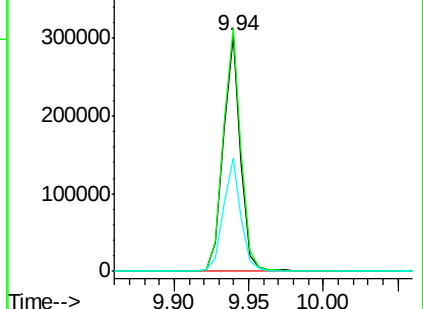
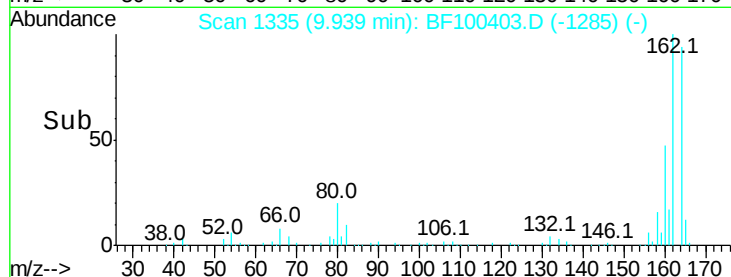
160 48.2 38.3 57.5



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: 73.671 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

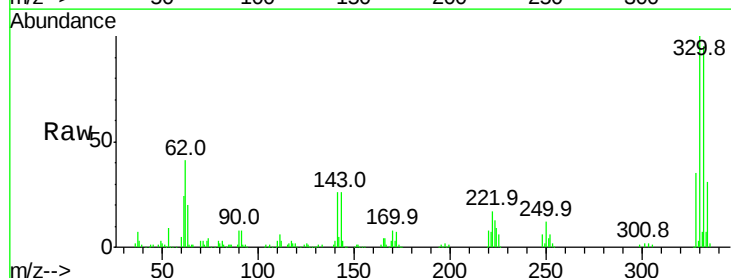
Tgt Ion:330 Resp: 186454

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

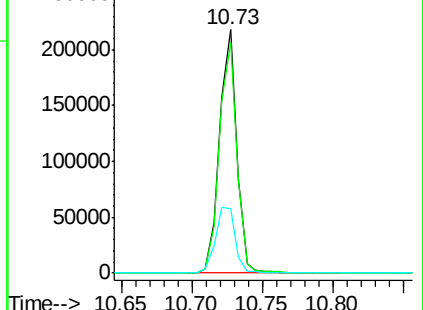
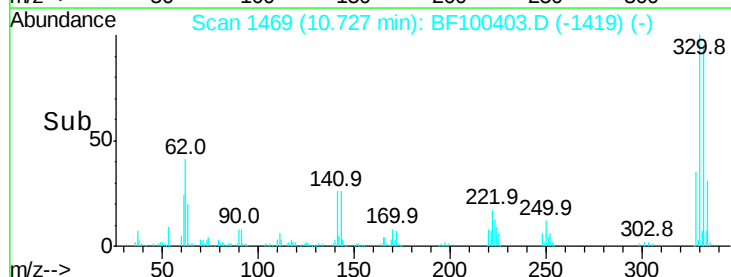
141 31.1 29.9 44.9

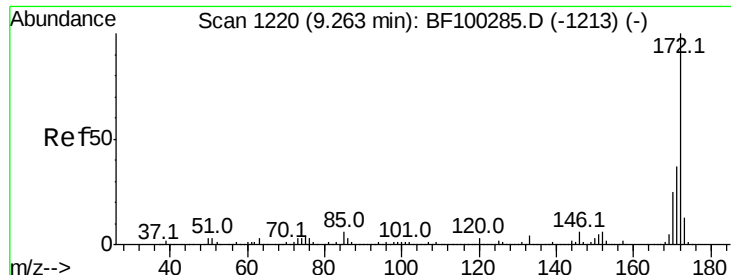


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 65.129 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

3N-5

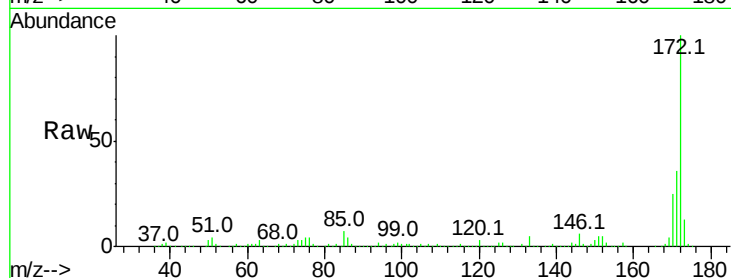
Tot Ion:172 Resp: 1062325

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

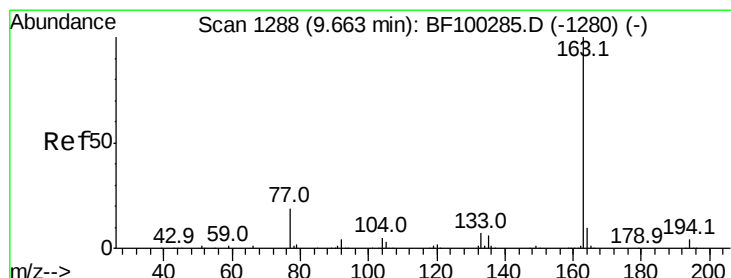
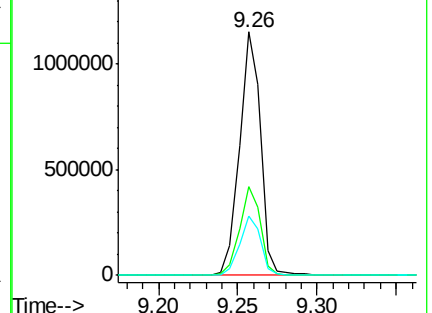
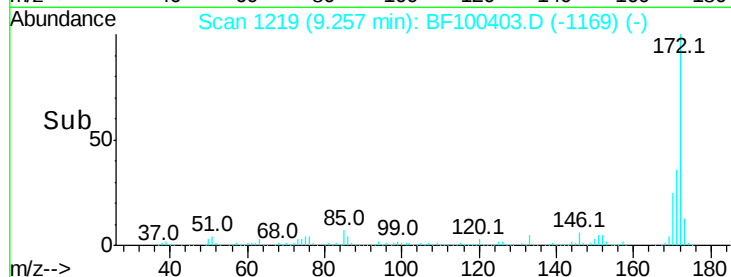
170 24.5 19.6 29.4



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: 4.989 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

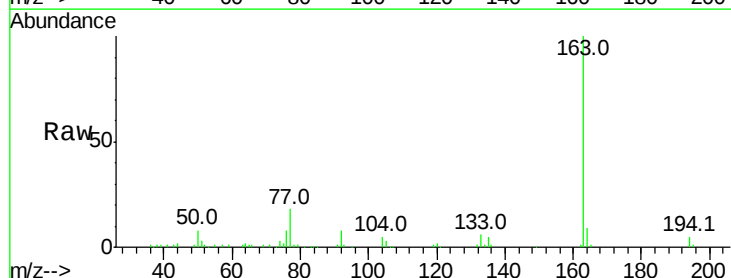
Tgt Ion:163 Resp: 94604

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

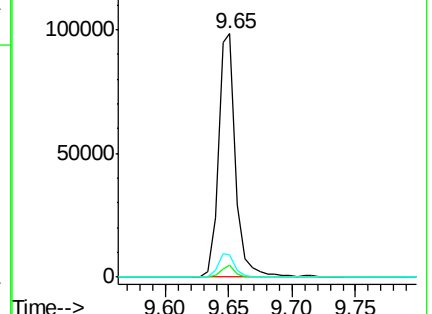
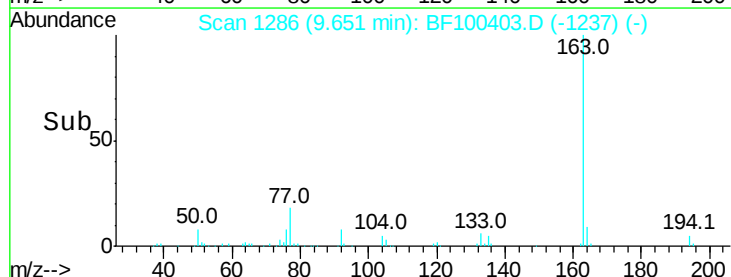
164 9.1 8.2 12.2

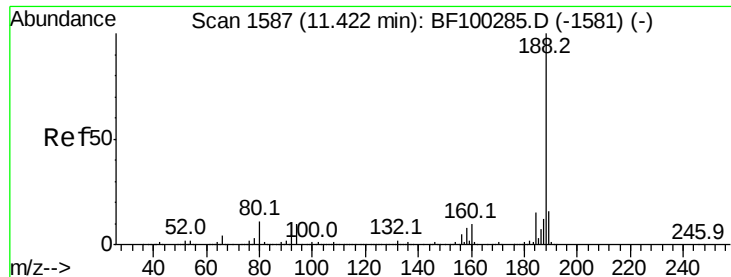


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

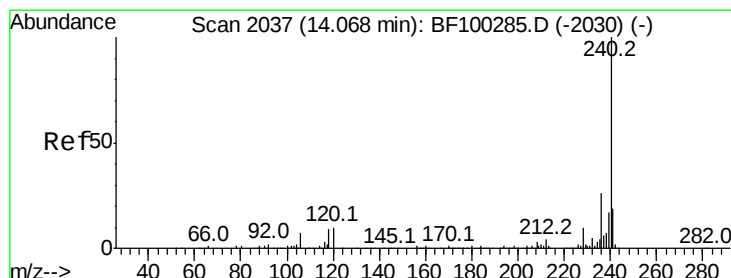
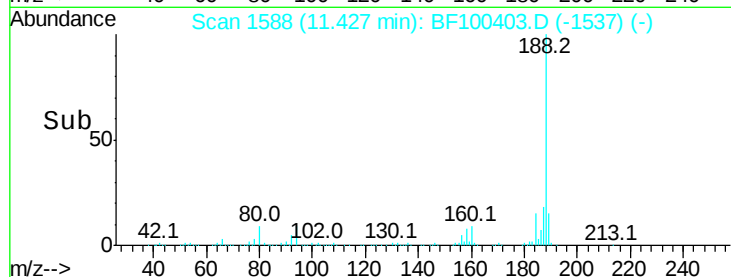
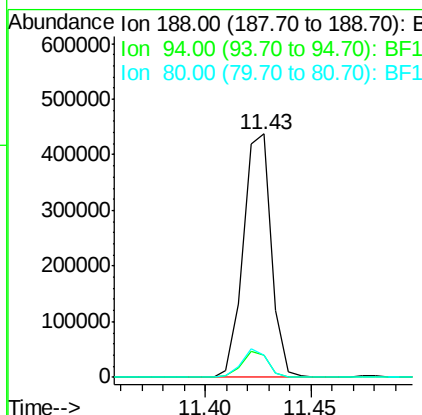
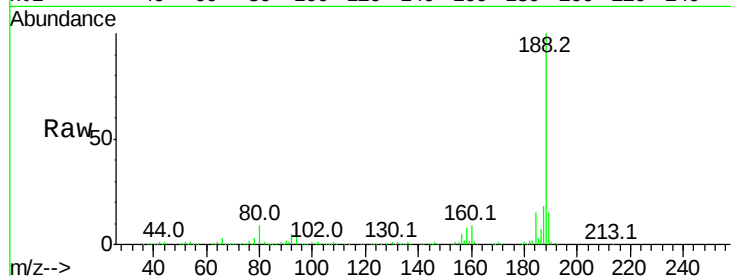




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

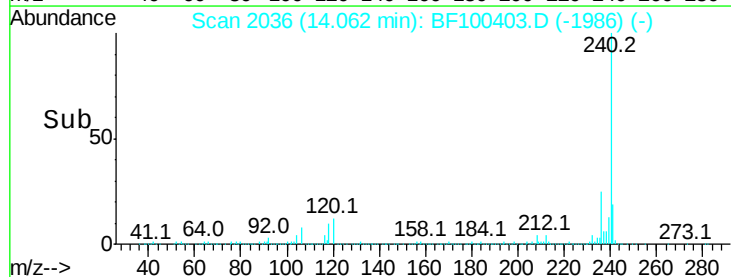
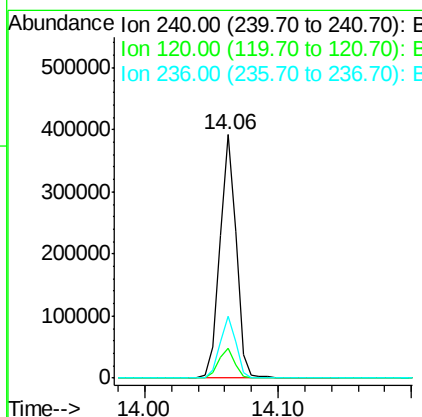
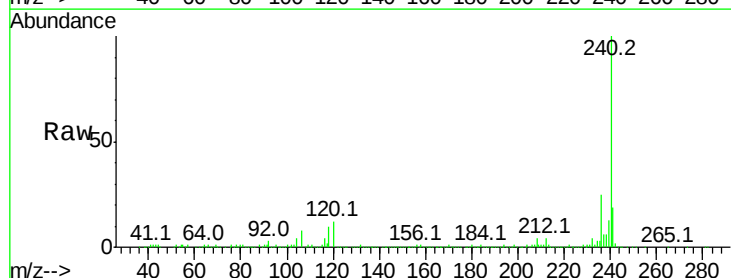
Instrument :
BNA_F
ClientSampleId :
3N-5

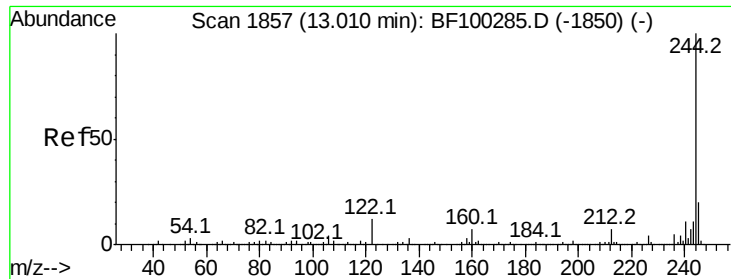
Tot Ion:188 Resp: 401734
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:240 Resp: 340611
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 51.167 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

3N-5

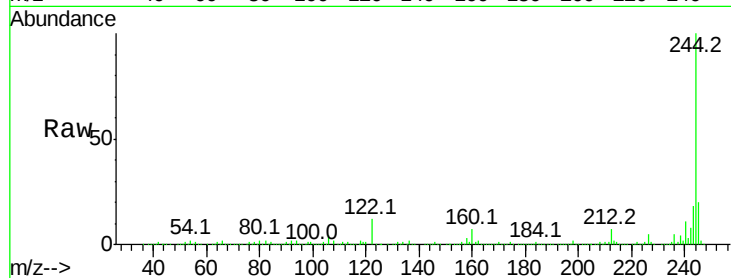
Tot Ion:244 Resp: 758494

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

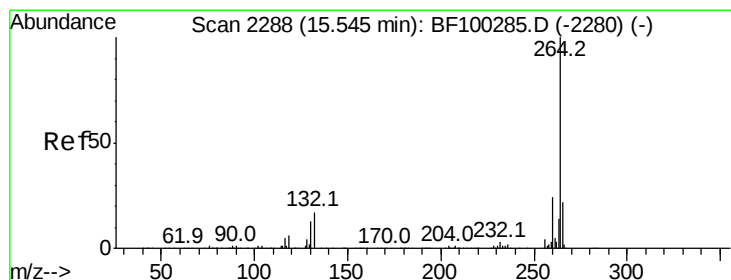
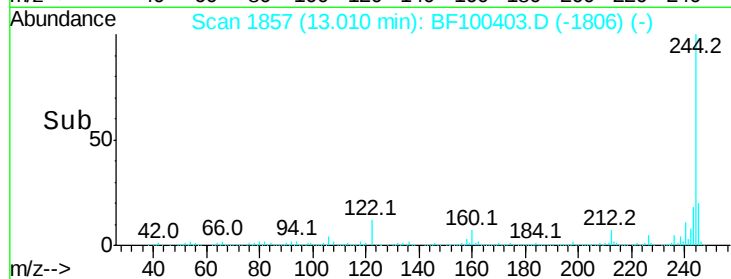
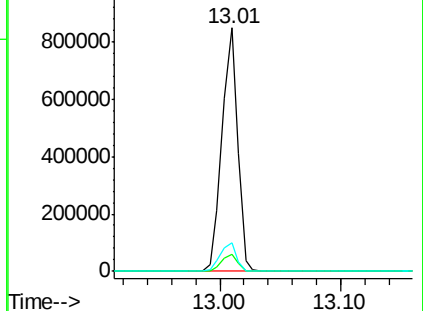
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

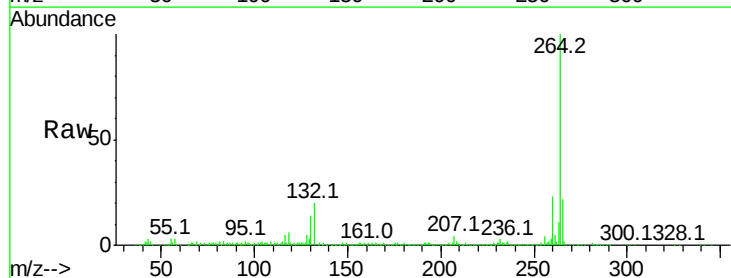
Tgt Ion:264 Resp: 258092

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 17.5 26.3



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

