

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100799.D
 Acq On : 22 Nov 2017 00:39
 Operator : SJ/JU
 Sample : I6466-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-5-E(7-8)

Quant Time: Nov 22 07:09:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

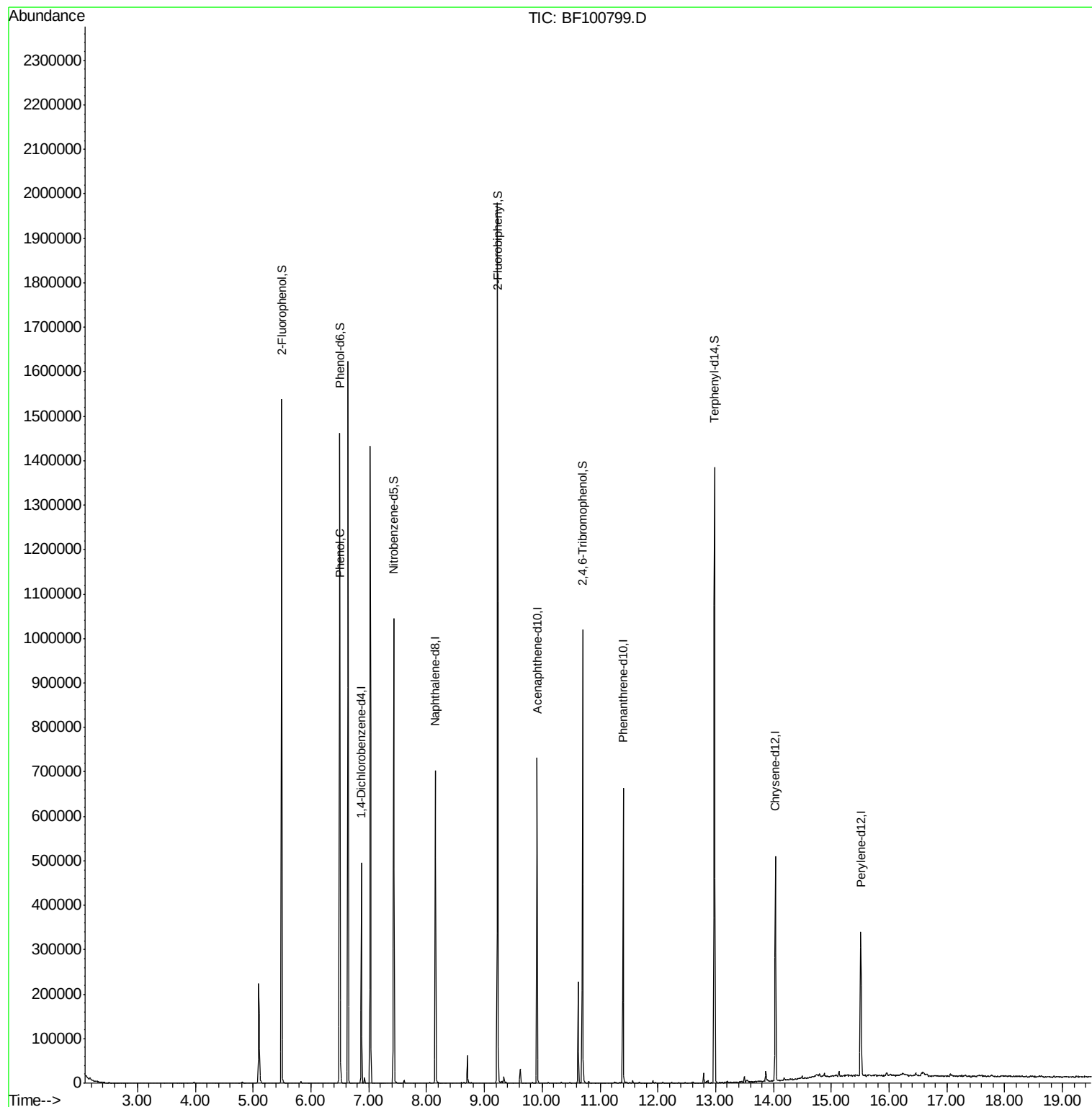
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	78527	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	308600	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	138736	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	245224	20.00	ng	0.00
75) Chrysene-d12	14.03	240	160871	20.00	ng	-0.01
86) Perylene-d12	15.51	264	152382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	438490	89.51	ng	0.00
7) Phenol-d6	6.50	99	530681	87.85	ng	-0.01
23) Nitrobenzene-d5	7.43	82	321120	68.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	122127	86.39	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	610462	67.00	ng	-0.01
78) Terphenyl-d14	12.98	244	436390	62.33	ng	0.00
Target Compounds						
10) Phenol	6.51	94	26113	4.118	ng	Qvalue 98

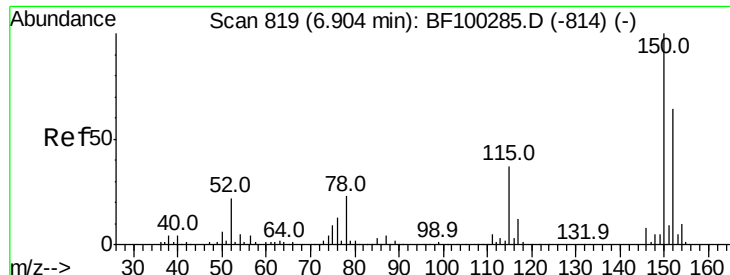
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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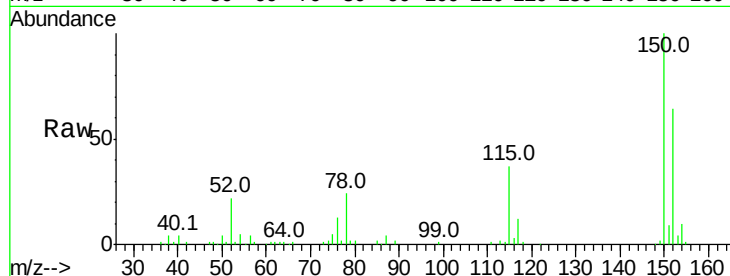


#1

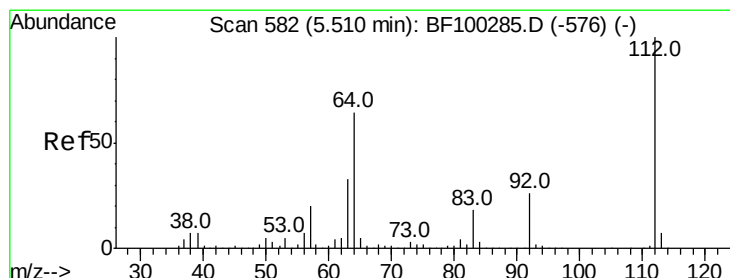
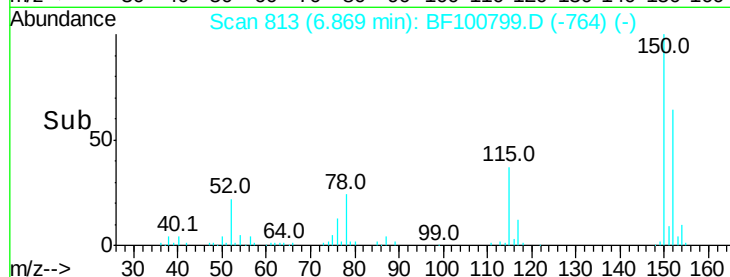
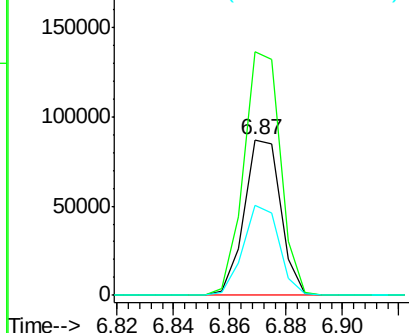
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(7-8)

Tot Ion:152 Resp: 78527
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.1 50.1 75.1



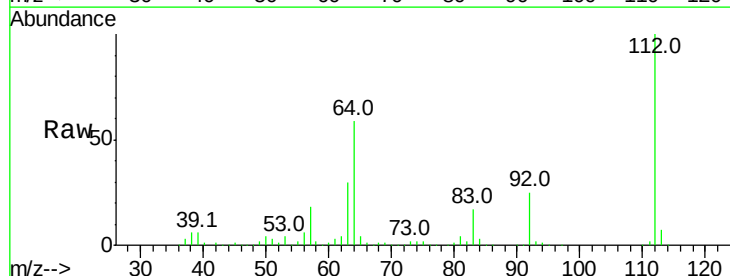
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



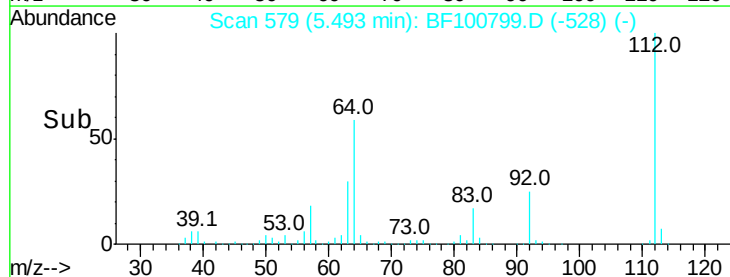
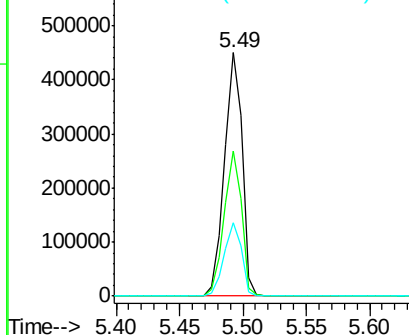
#5

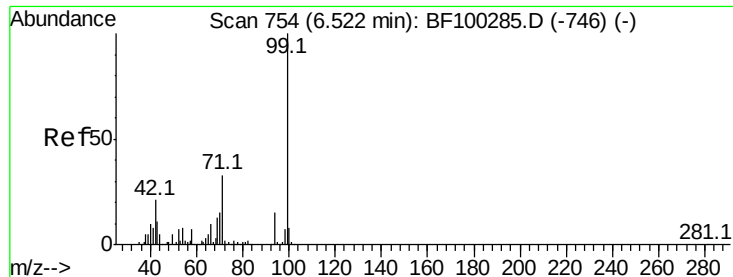
2-Fluorophenol
Concen: 89.510 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Tgt Ion:112 Resp: 438490
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.2 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: 87.849 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100799.D

Acq: 22 Nov 2017 00:39

Instrument :

BNA_F

ClientSampleId :

CHAP-5-E(7-8)

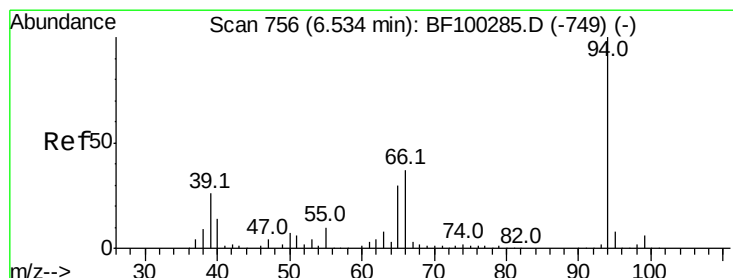
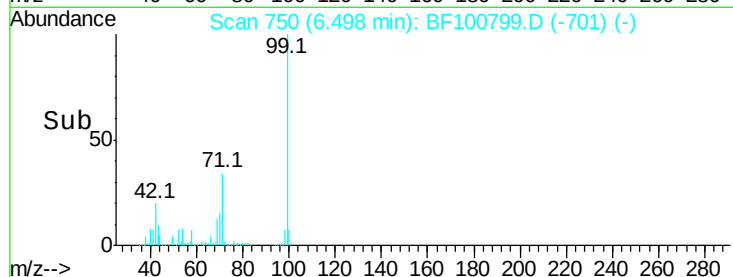
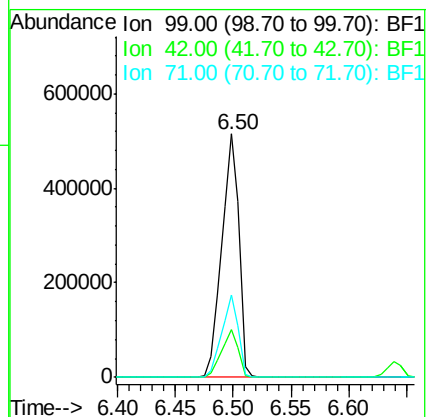
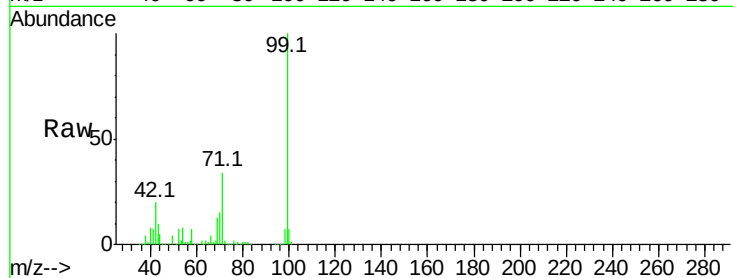
Tot Ion: 99 Resp: 530681

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.7 25.4 38.0



#10

Phenol

Concen: 4.118 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100799.D

Acq: 22 Nov 2017 00:39

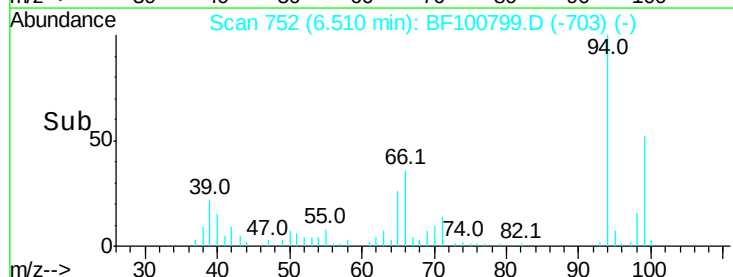
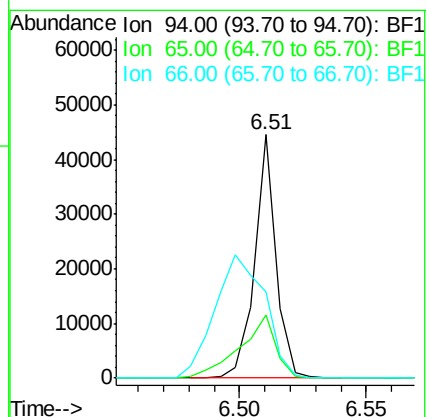
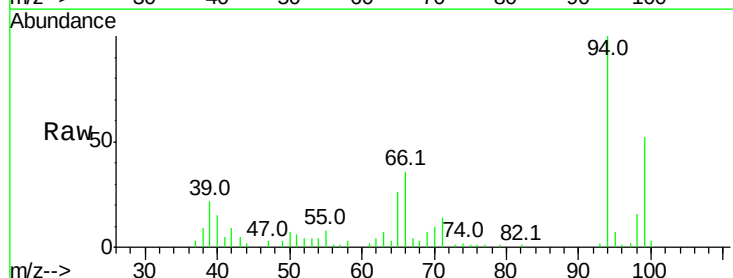
Tgt Ion: 94 Resp: 26113

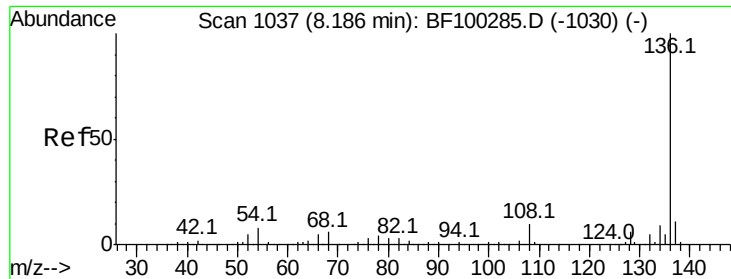
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 35.6 16.2 56.2

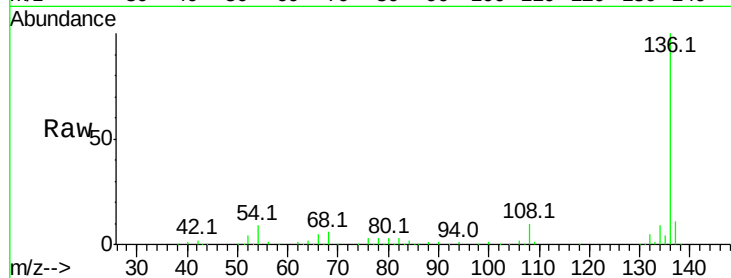




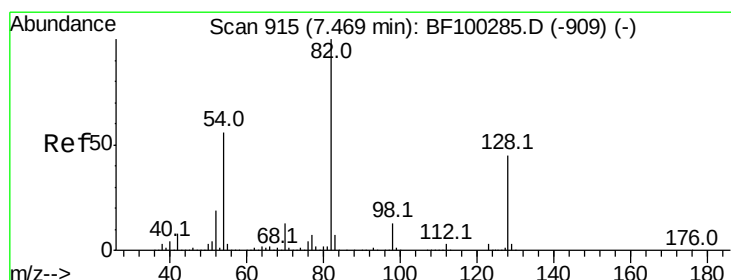
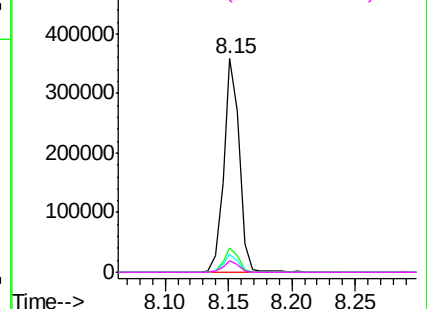
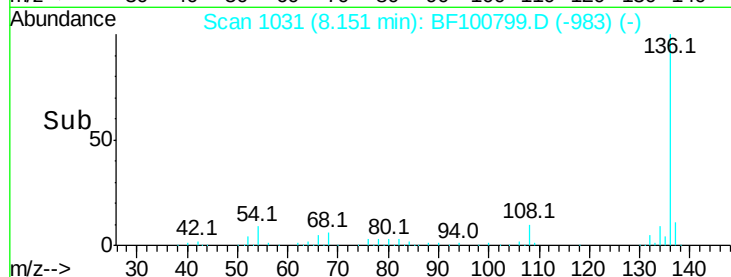
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(7-8)

Tot Ion:	136	Resp:	308600
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	5.6	5.0	7.4

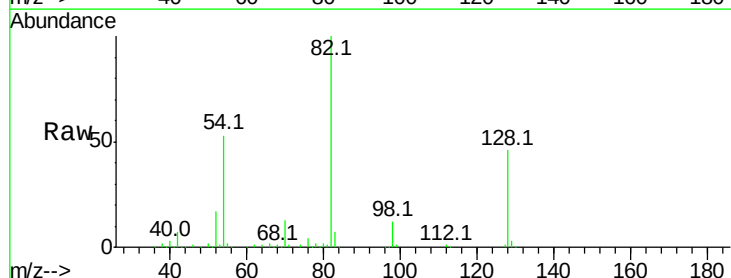


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

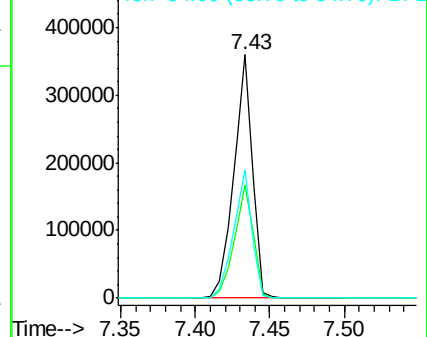
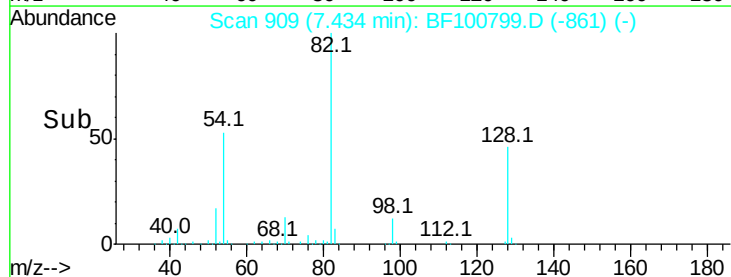


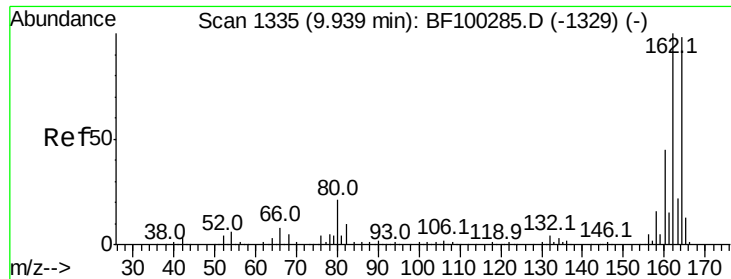
#23
Nitrobenzene-d5
Concen: 68.796 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Tgt Ion:	82	Resp:	321120
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.7	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

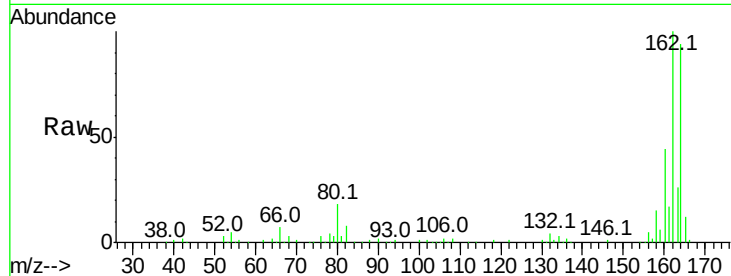




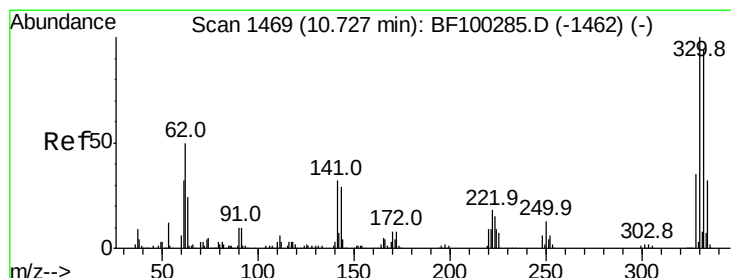
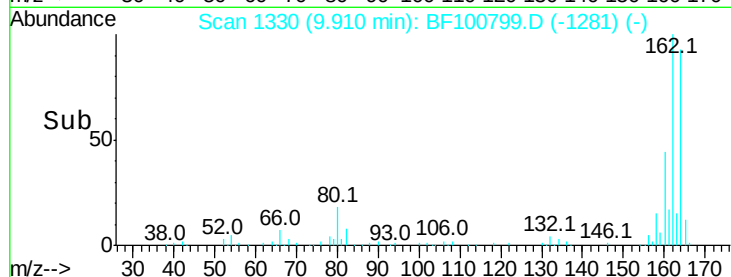
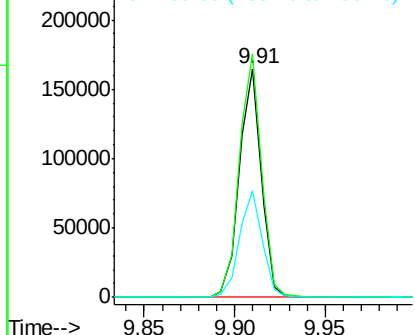
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(7-8)

Tot Ion:164 Resp: 138736
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 46.8 38.3 57.5

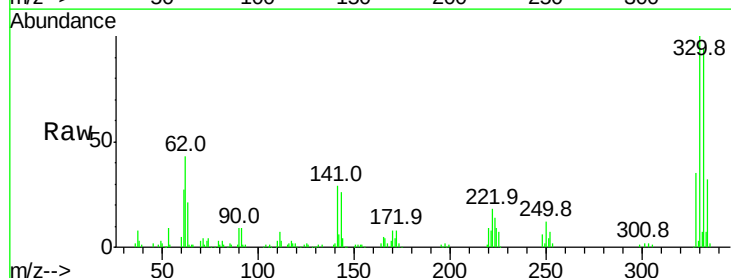


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

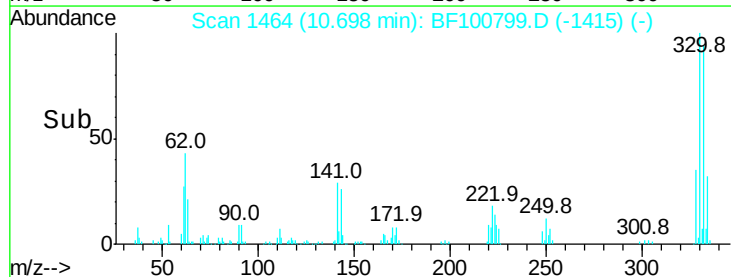
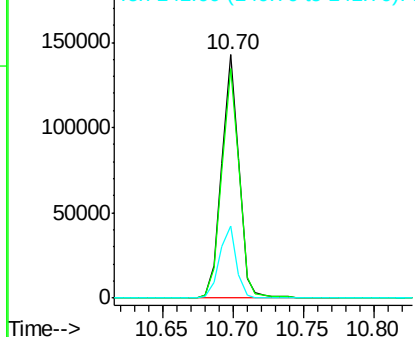


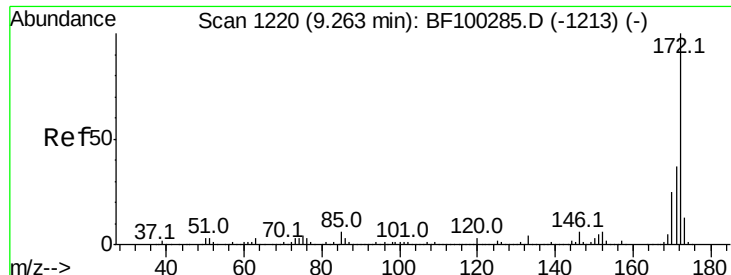
#41
2,4,6-Tribromophenol
Concen: 86.387 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100799.D
Acq: 22 Nov 2017 00:39

Tgt Ion:330 Resp: 122127
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 28.8 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

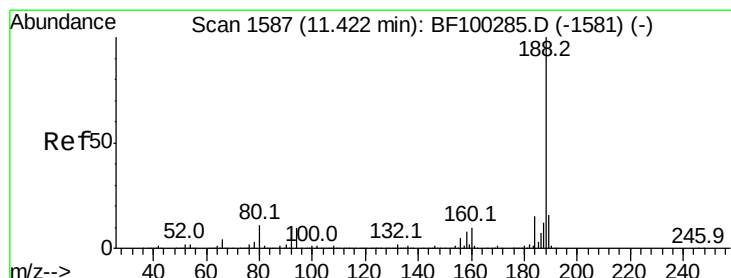
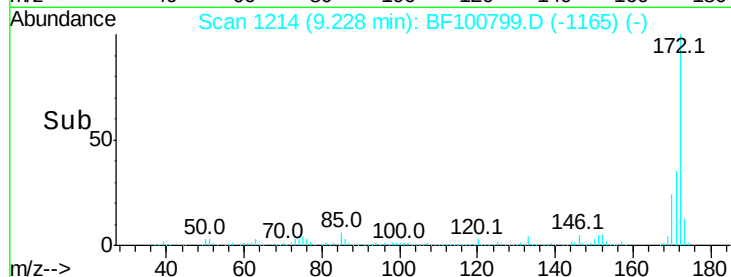
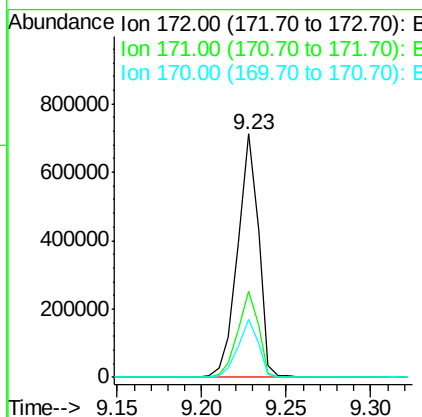
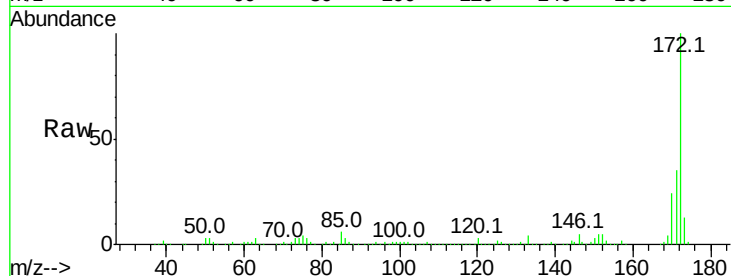




#44
 2-Fluorobiphenyl
 Concen: 67.002 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100799.D
 Acq: 22 Nov 2017 00:39

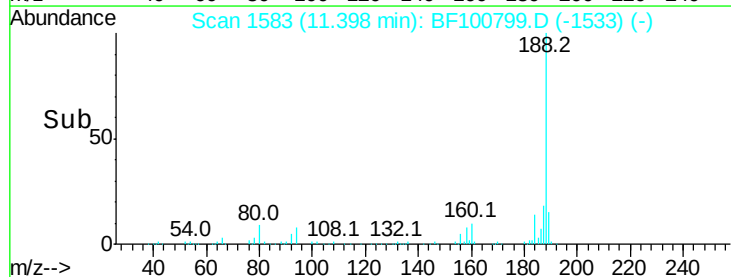
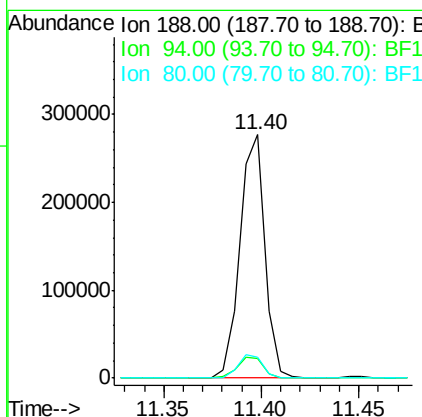
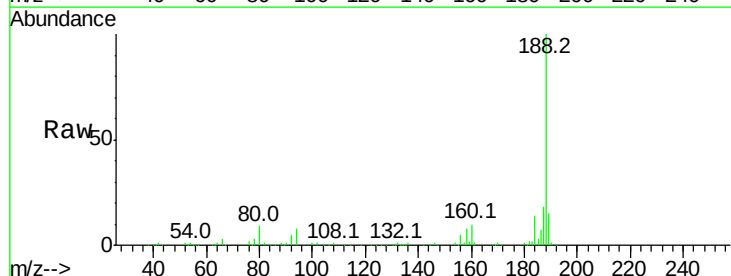
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 BNA_F
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 CHAP-5-E(7-8)

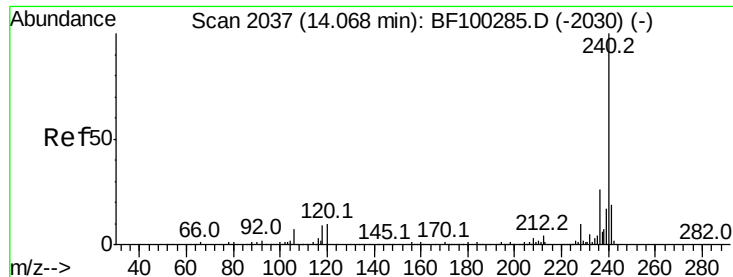
Tot Ion:172 Resp: 610462
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF100799.D
 Acq: 22 Nov 2017 00:39

Tgt Ion:188 Resp: 245224
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 8.6 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100799.D

Acq: 22 Nov 2017 00:39

Instrument :

BNA_F

ClientSampleId :

CHAP-5-E(7-8)

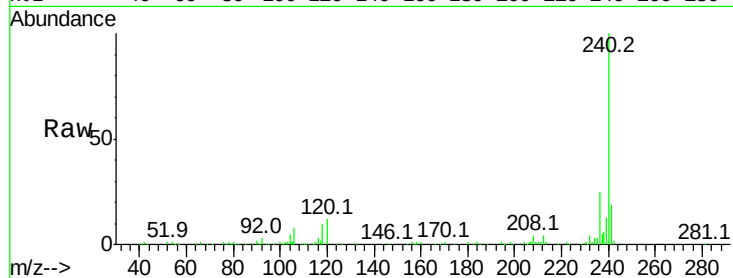
Tot Ion:240 Resp: 160871

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

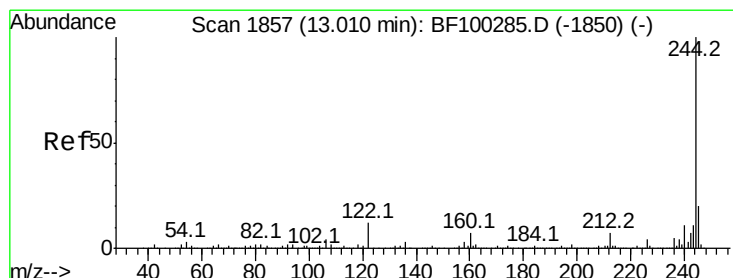
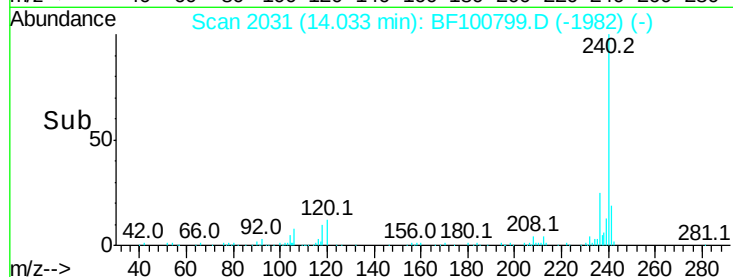
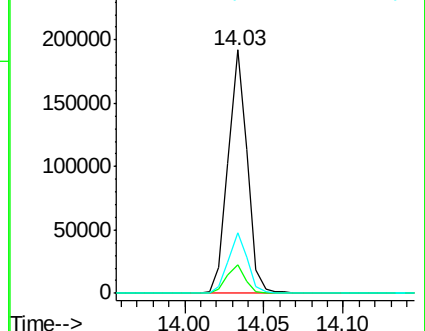
236 24.8 20.7 31.1



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: 62.329 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100799.D

Acq: 22 Nov 2017 00:39

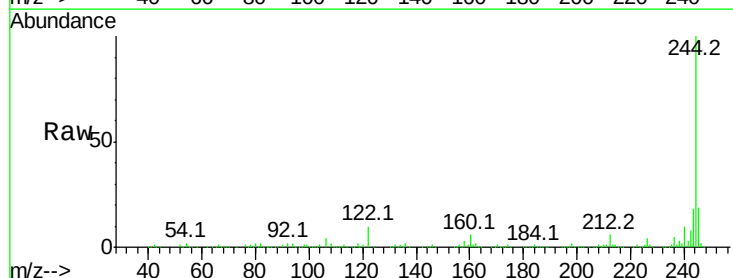
Tgt Ion:244 Resp: 436390

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

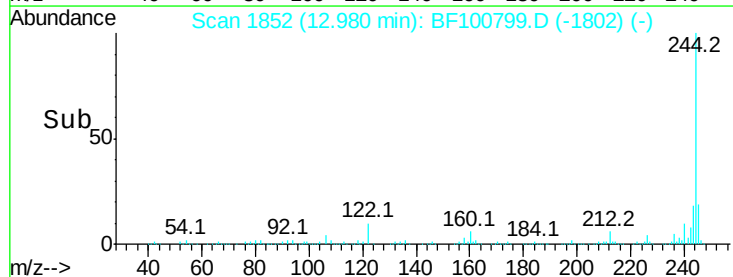
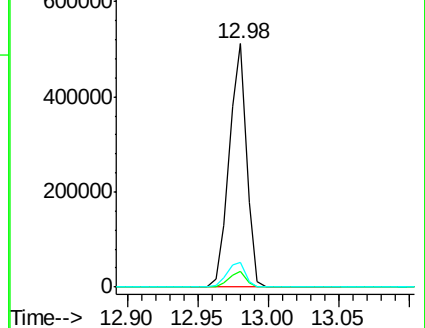
122 10.1 11.0 16.4#

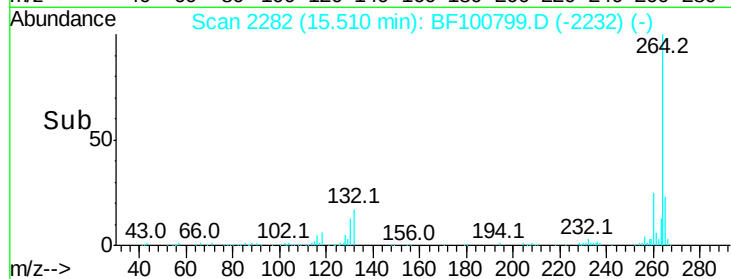
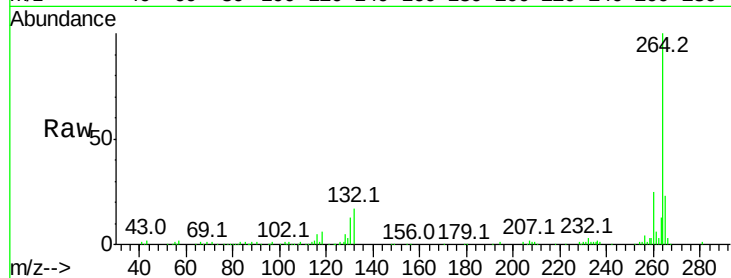
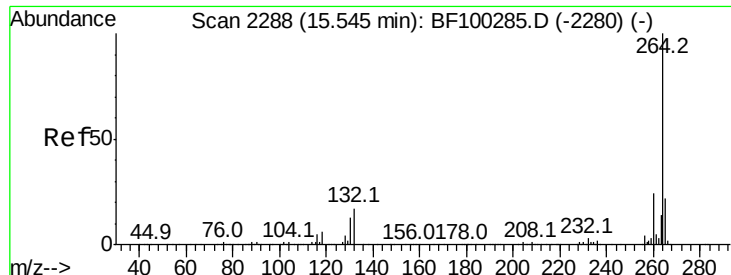


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100799.D

Acq: 22 Nov 2017 00:39

Instrument :

BNA_F

ClientSampleId :

CHAP-5-E(7-8)

Tot Ion:264 Resp: 152382

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 23.1 17.5 26.3

