

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100586.D
 Acq On : 15 Nov 2017 14:23
 Operator : SJ/JU
 Sample : I6441-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Quant Time: Nov 15 15:43:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

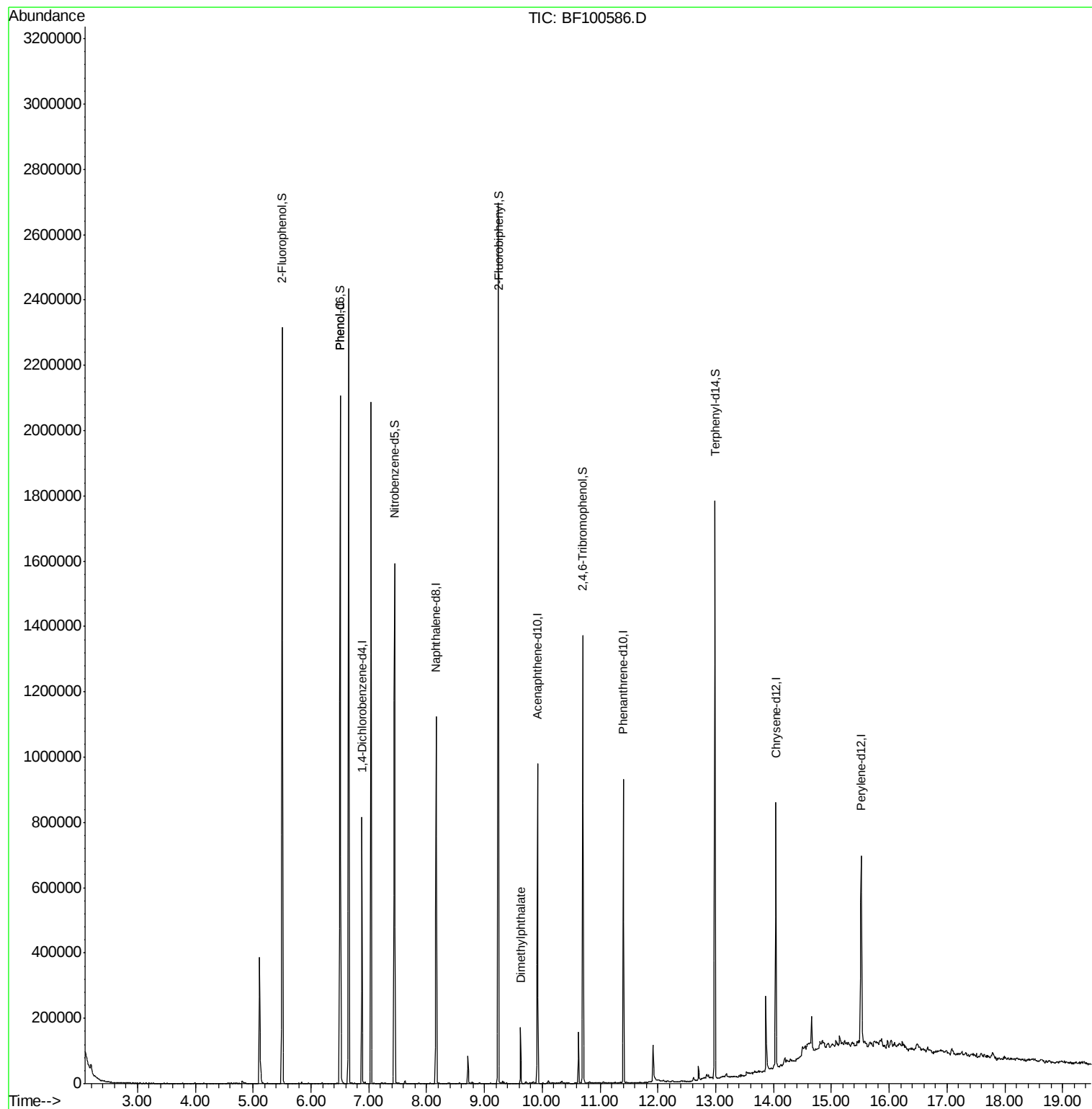
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122524	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	479762	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201175	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308881	20.00	ng	0.00
75) Chrysene-d12	14.04	240	260892	20.00	ng	-0.01
86) Perylene-d12	15.52	264	265038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	661362	86.53	ng	0.00
7) Phenol-d6	6.51	99	787109	83.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	487962	67.24	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	161709	78.88	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	846161	64.05	ng	0.00
78) Terphenyl-d14	12.99	244	542622	47.79	ng	0.00
Target Compounds						
10) Phenol	6.52	94	41093	4.153	ng	81
49) Dimethylphthalate	9.63	163	59896	3.899	ng	100

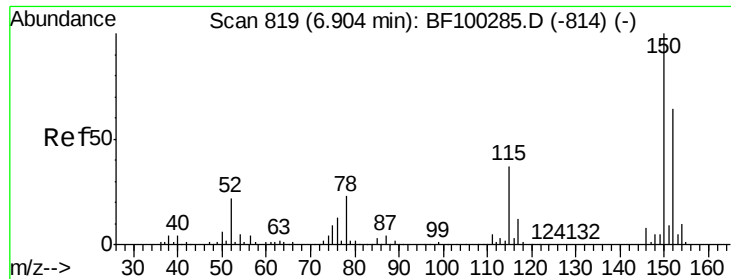
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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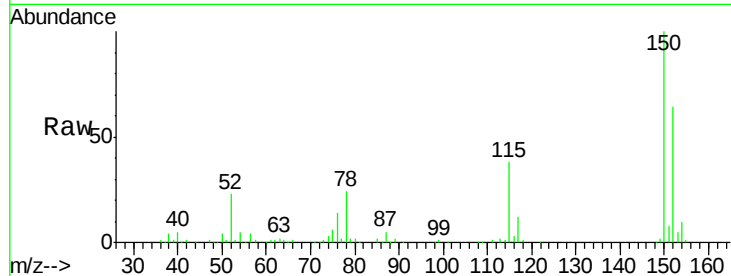


#1

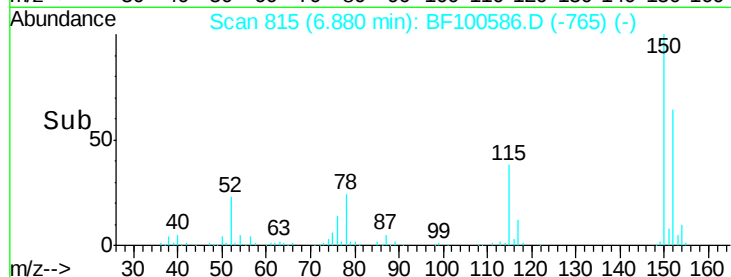
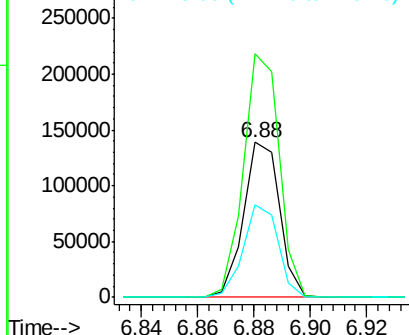
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Instrument :
BNA_F
ClientSampled :
TP-9A-9B

Tgt Ion:152 Resp: 122524
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.1 50.1 75.1



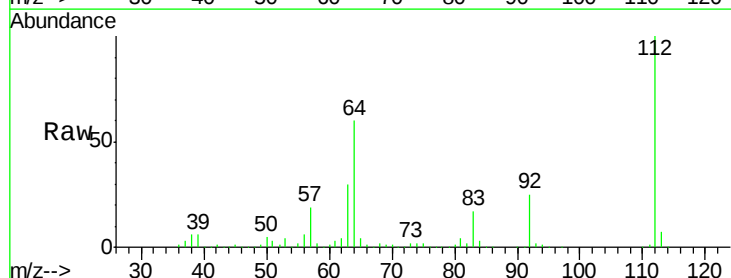
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



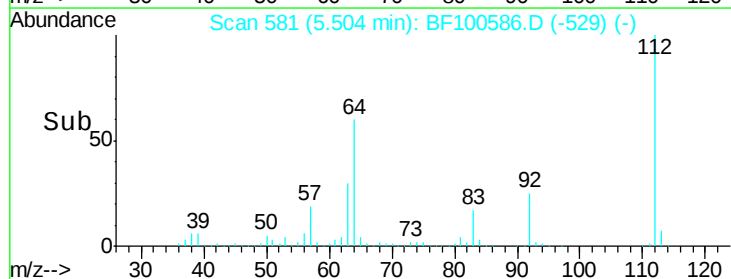
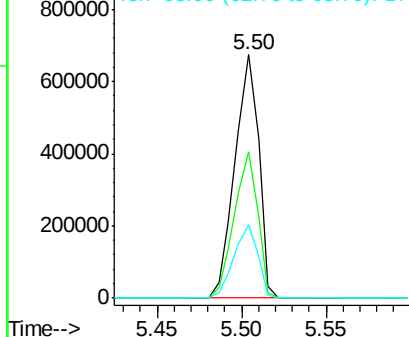
#5

2-Fluorophenol
Concen: 86.526 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion:112 Resp: 661362
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.4 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: 83.509 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

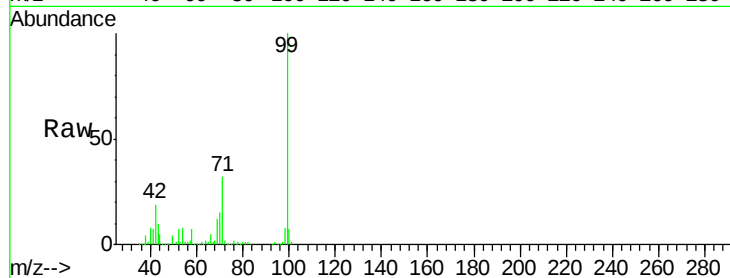
Tgt Ion: 99 Resp: 787109

Ion Ratio Lower Upper

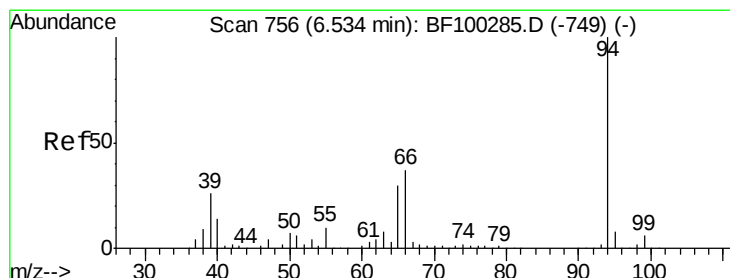
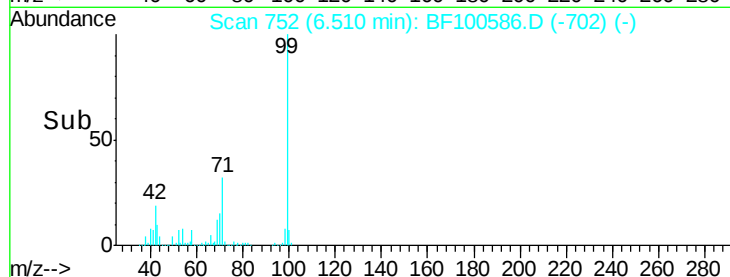
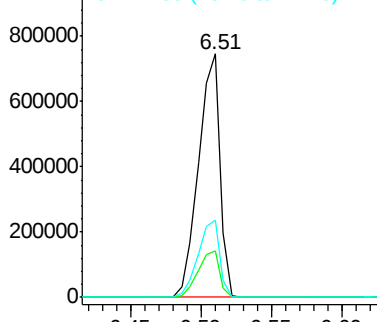
99 100

42 18.9 14.5 21.7

71 31.9 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: 4.153 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

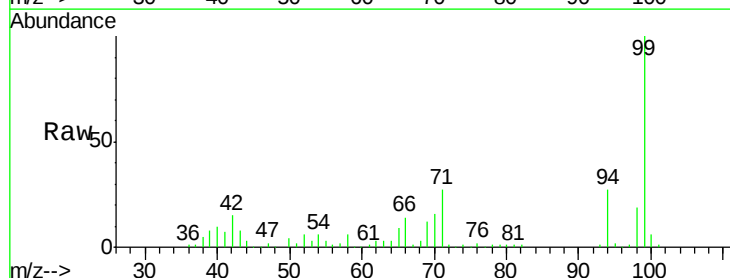
Tgt Ion: 94 Resp: 41093

Ion Ratio Lower Upper

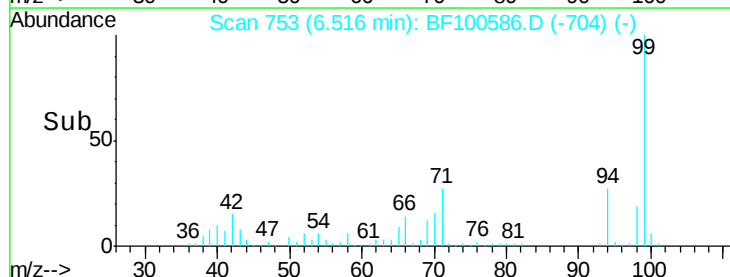
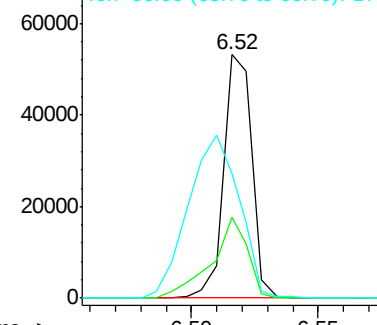
94 100

65 33.4 7.9 47.9

66 51.1 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

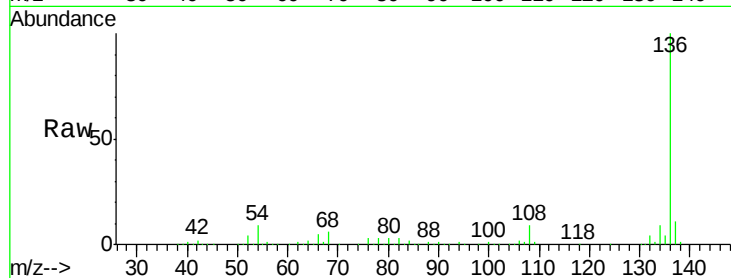




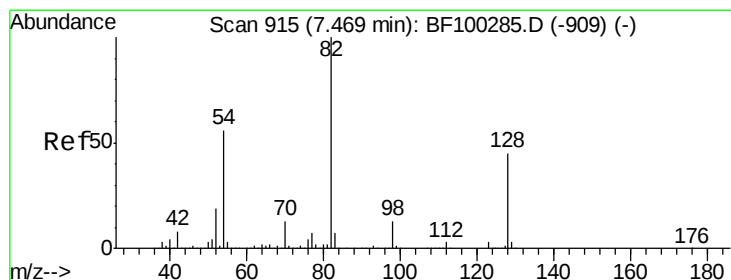
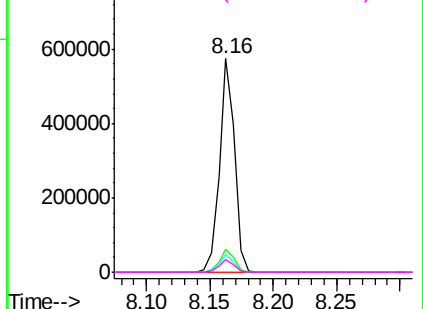
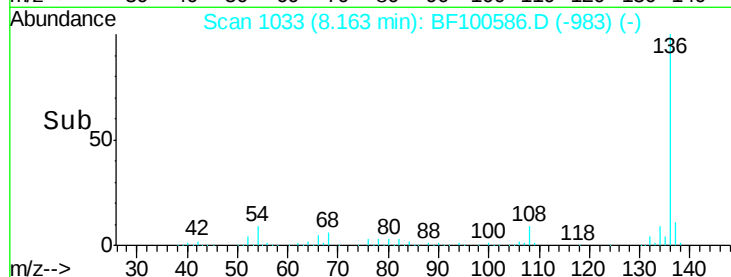
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Instrument :
BNA_F
ClientSampleId :
TP-9A-9B

Tgt Ion:	136	Resp:	479762
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.0	5.0	7.4

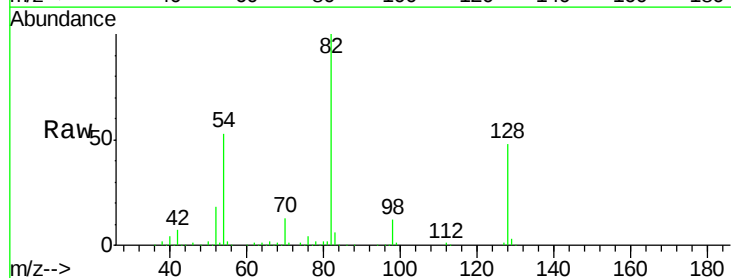


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

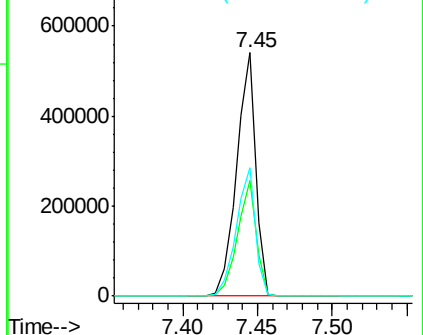
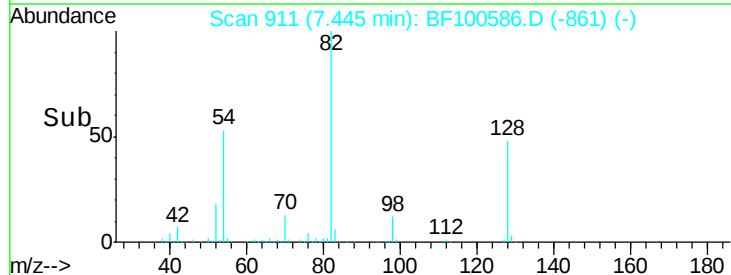


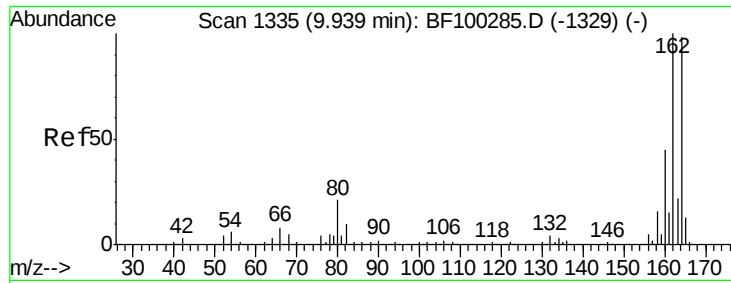
#23
Nitrobenzene-d5
Concen: 67.243 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion:	82	Resp:	487962
Ion	Ratio	Lower	Upper
82	100		
128	47.6	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

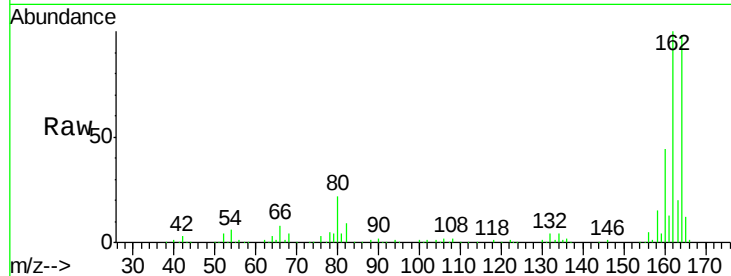




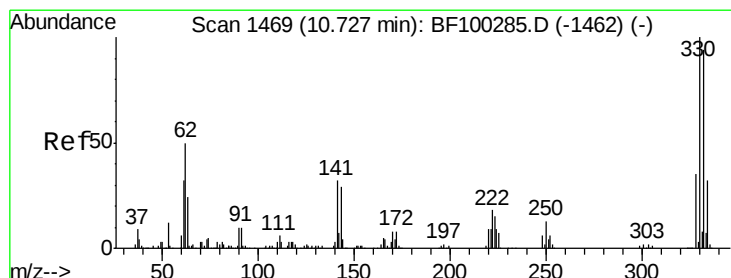
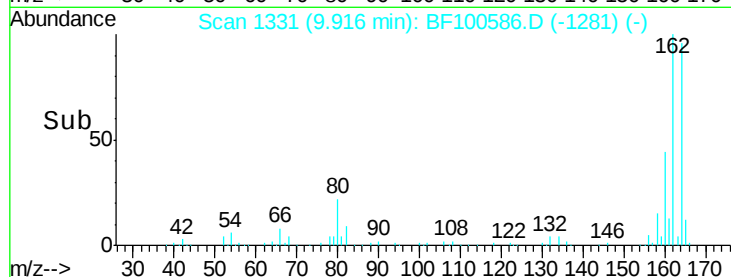
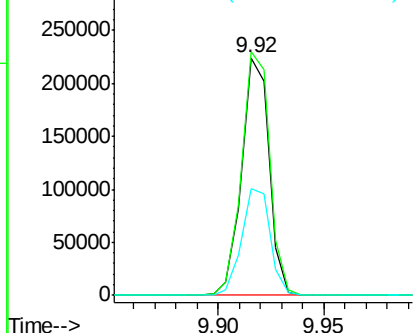
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Tgt Ion:164 Resp: 201175
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.0 38.3 57.5

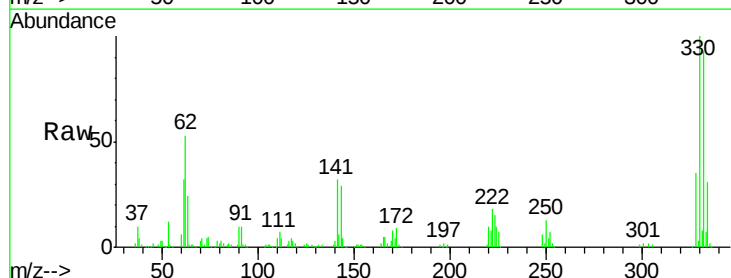


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

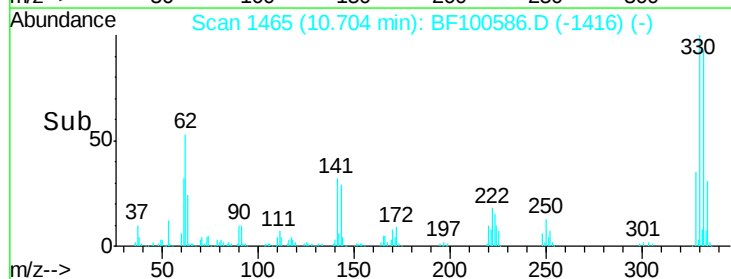
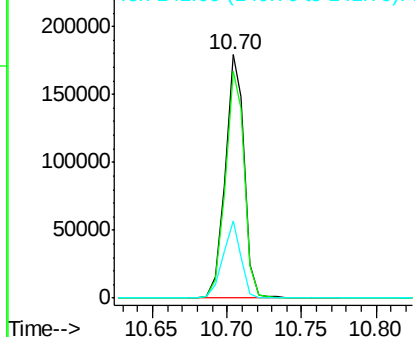


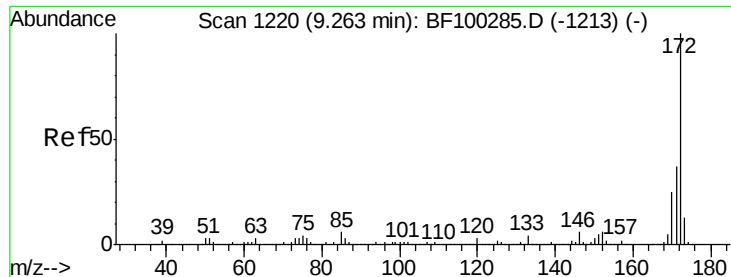
#41
 2,4,6-Tribromophenol
 Concen: 78.883 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Tgt Ion:330 Resp: 161709
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 29.5 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

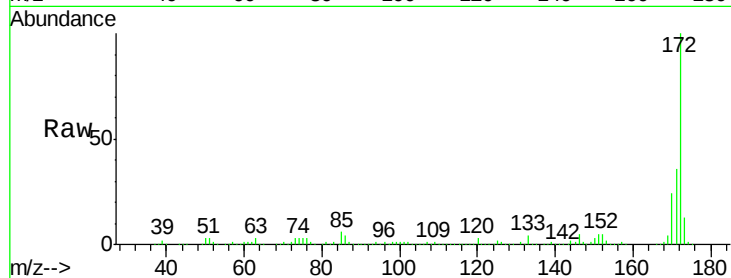




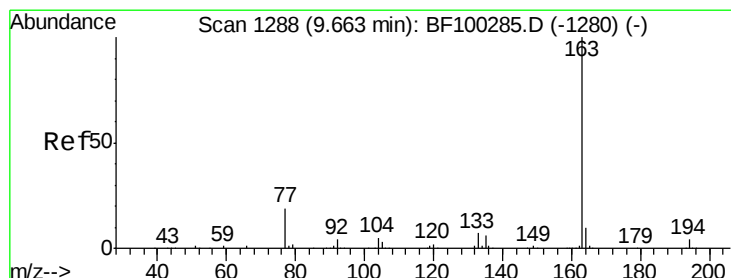
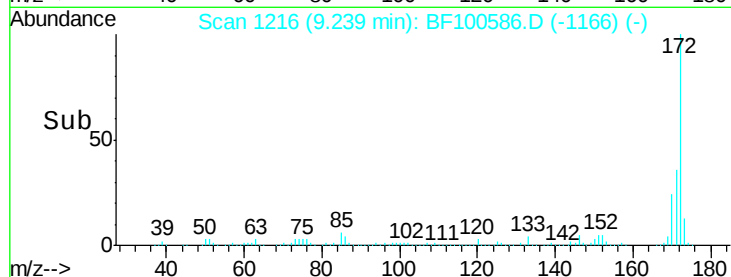
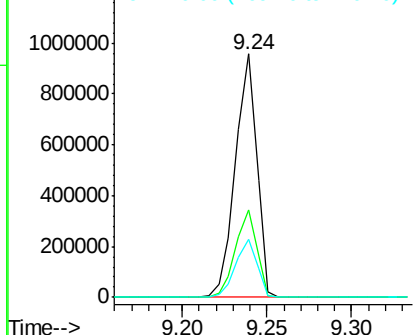
#44
 2-Fluorobiphenyl
 Concen: 64.047 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Tgt Ion:172 Resp: 846161
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4

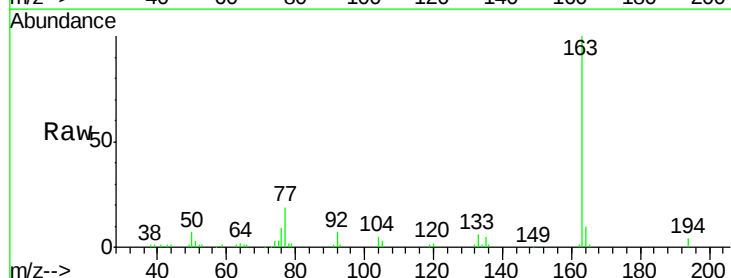


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

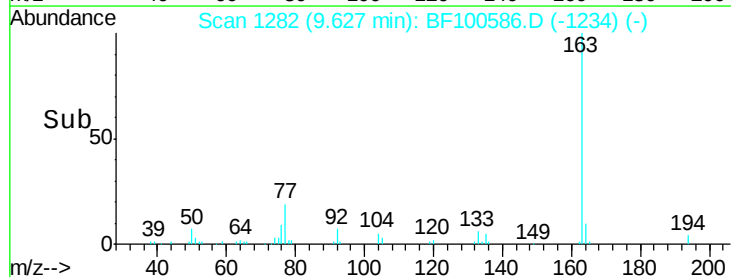
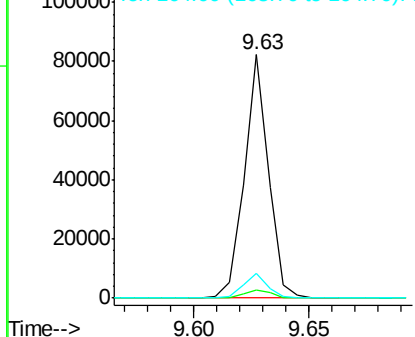


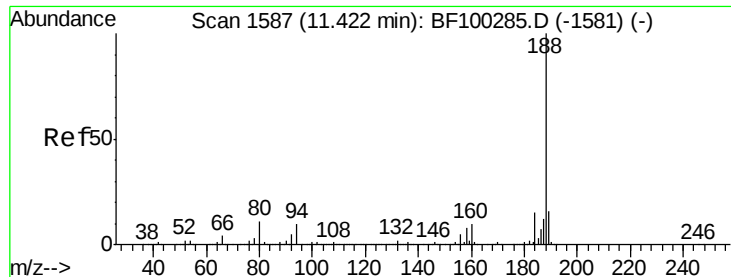
#49
 Dimethylphthalate
 Concen: 3.899 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Tgt Ion:163 Resp: 59896
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.2 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

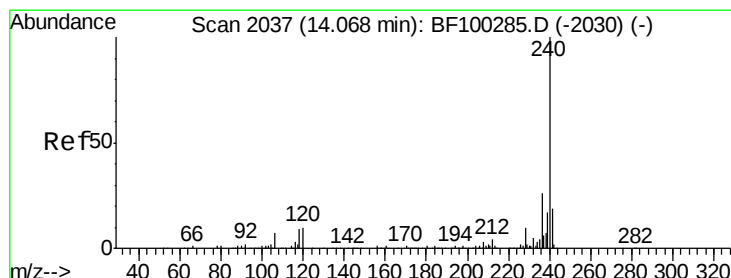
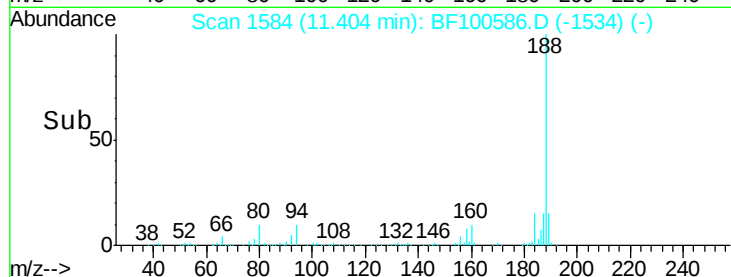
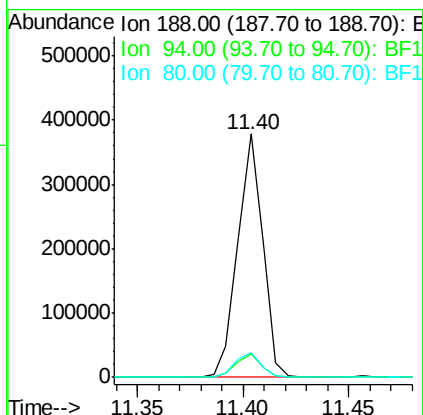
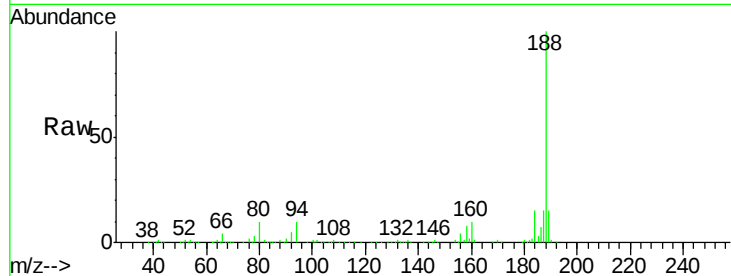




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

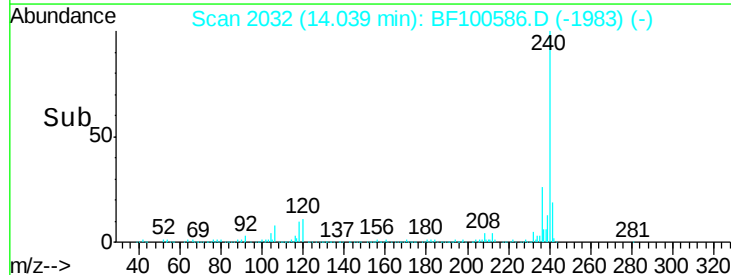
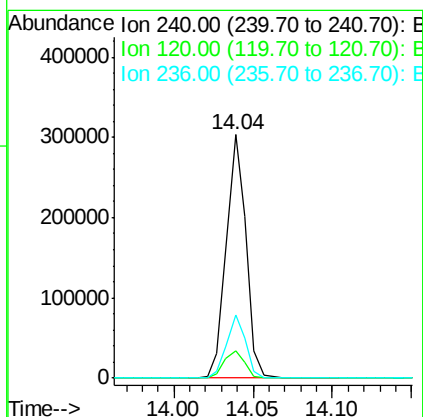
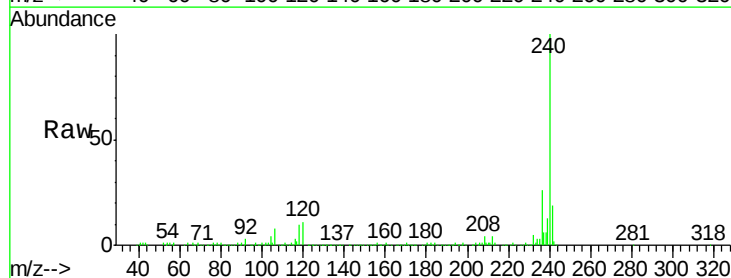
Instrument :
BNA_F
ClientSampleId :
TP-9A-9B

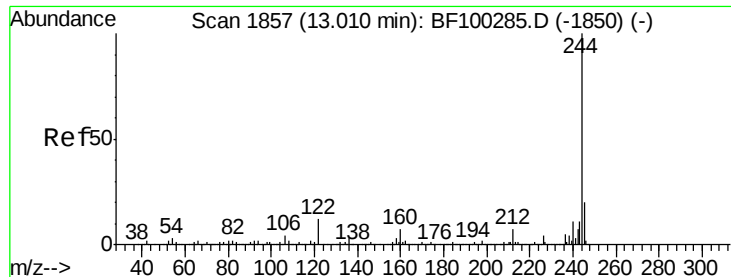
Tgt Ion:188 Resp: 308881
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion:240 Resp: 260892
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 47.789 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

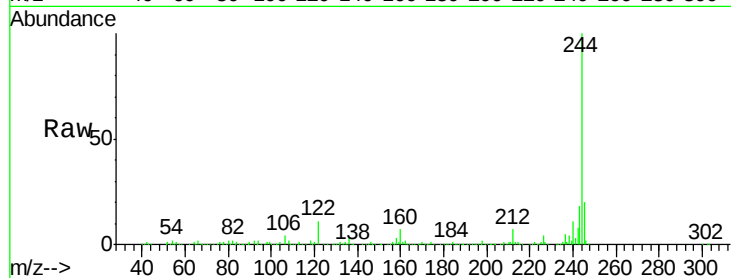
Tgt Ion:244 Resp: 542622

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.0 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

12.99

800000

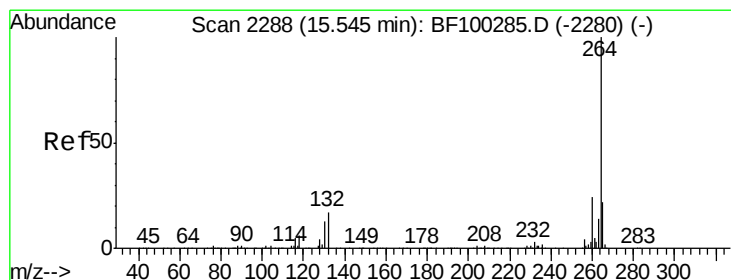
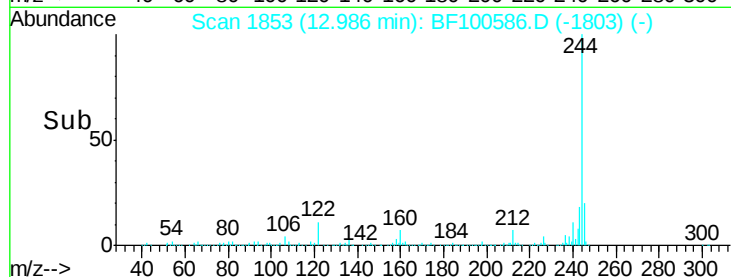
600000

400000

200000

0

Time--> 12.90 12.95 13.00 13.05



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

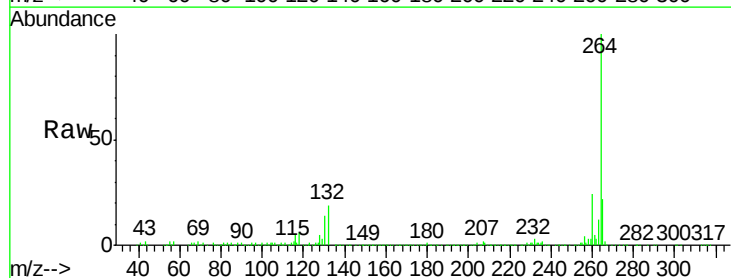
Tgt Ion:264 Resp: 265038

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

15.52

300000

250000

200000

150000

100000

50000

0

Time--> 15.50 15.52 15.54 15.56

