

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100441.D
 Acq On : 11 Nov 2017 15:29
 Operator : SJ/JU
 Sample : I6407-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2334

Quant Time: Nov 13 03:24:38 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

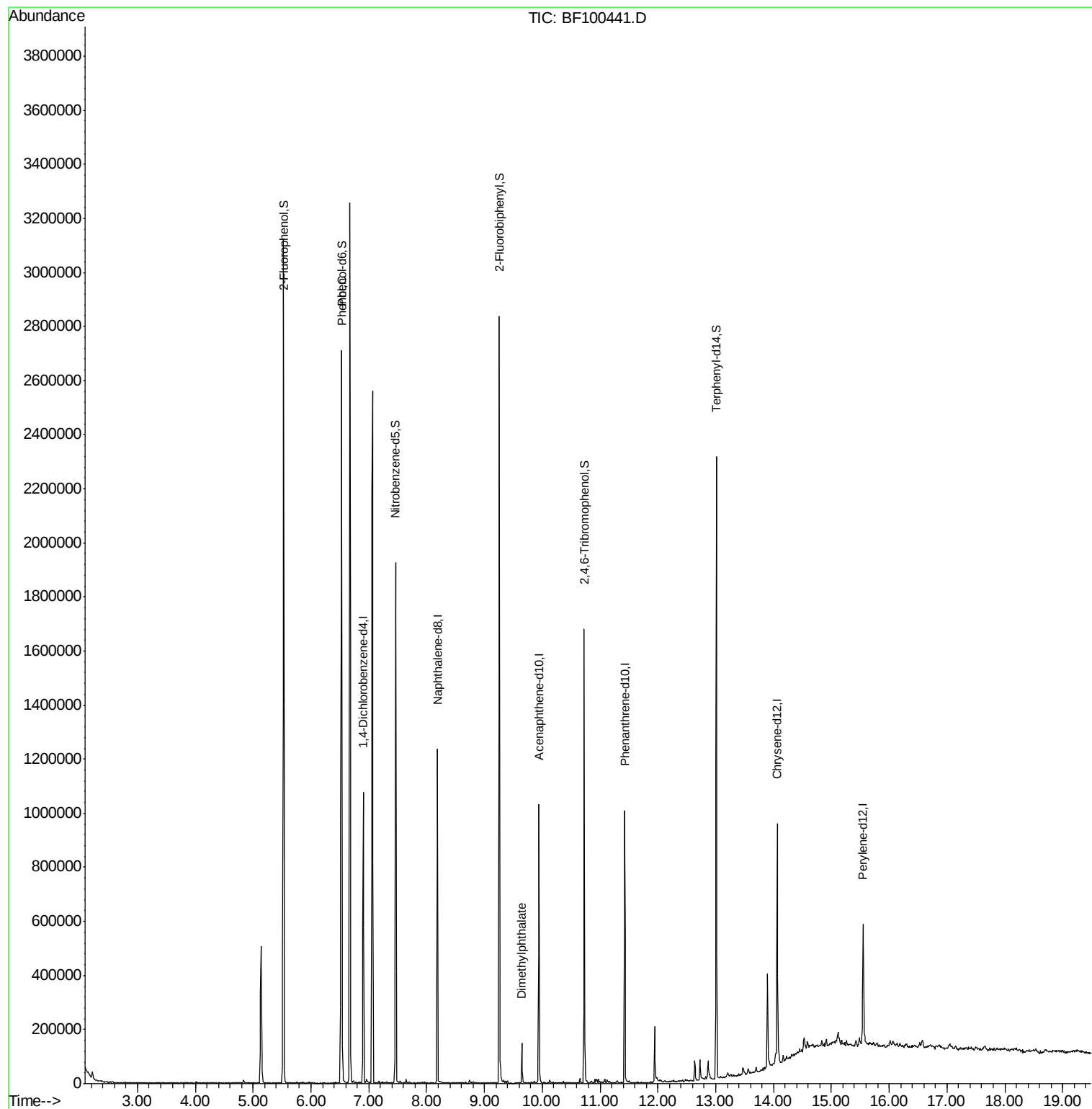
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140520	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	514225	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	197547	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	327017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	306901	20.00	ng	0.00
86) Perylene-d12	15.55	264	216466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	899429	102.60	ng	0.01
7) Phenol-d6	6.53	99	1085221	100.39	ng	0.00
23) Nitrobenzene-d5	7.46	82	650757	83.67	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	195529	97.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	987542	76.12	ng	0.00
78) Terphenyl-d14	13.01	244	791066	59.23	ng	0.00
Target Compounds						
10) Phenol	6.54	94	50512	4.451	ng	95
49) Dimethylphthalate	9.65	163	62875	4.169	ng	# 97

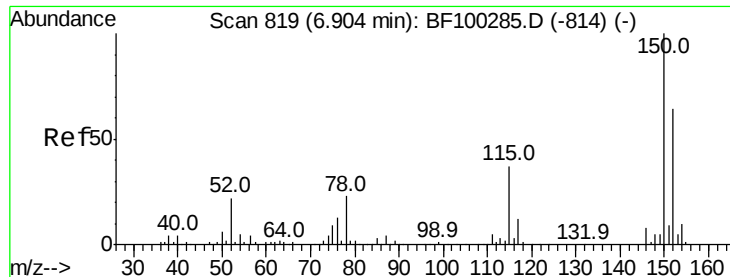
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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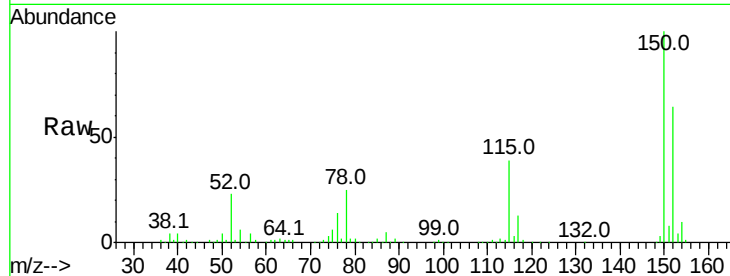


#1

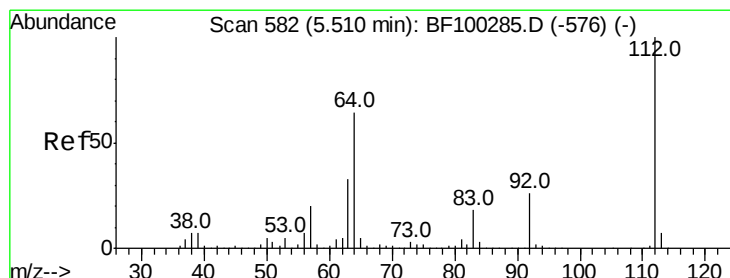
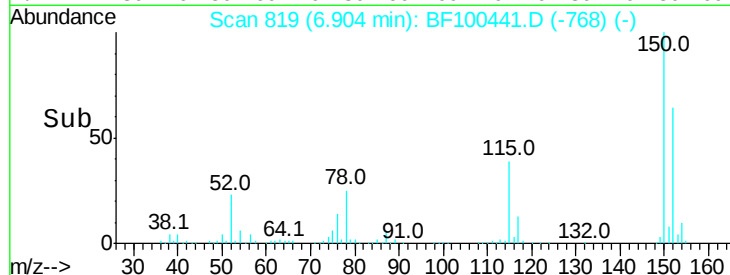
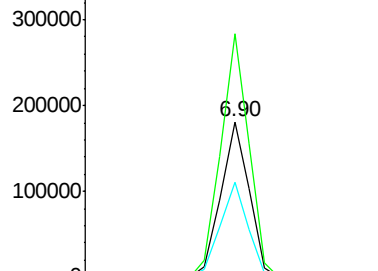
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Instrument :
BNA_F
ClientSampleId :
2334

Tot Ion:152 Resp: 140520
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.5 50.1 75.1



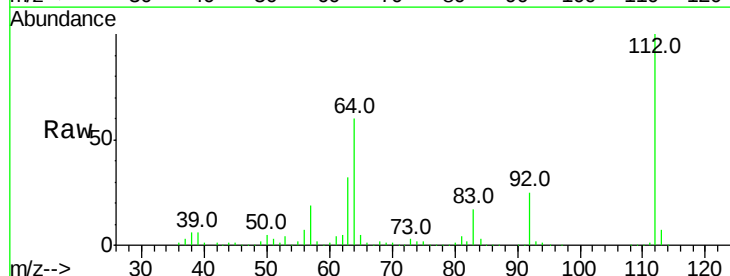
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



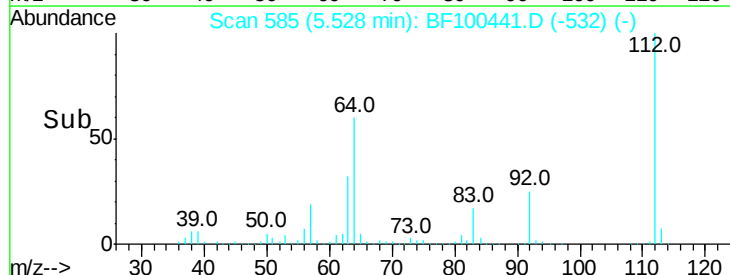
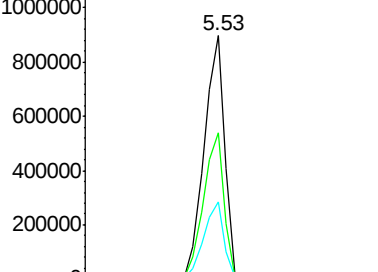
#5

2-Fluorophenol
Concen: 102.603 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Tgt Ion:112 Resp: 899429
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.5 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: 100.392 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100441.D

Acq: 11 Nov 2017 15:29

Instrument :

BNA_F

ClientSampleId :

2334

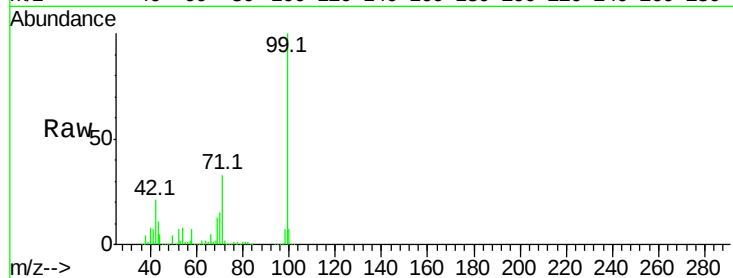
Tot Ion: 99 Resp: 1085221

Ion Ratio Lower Upper

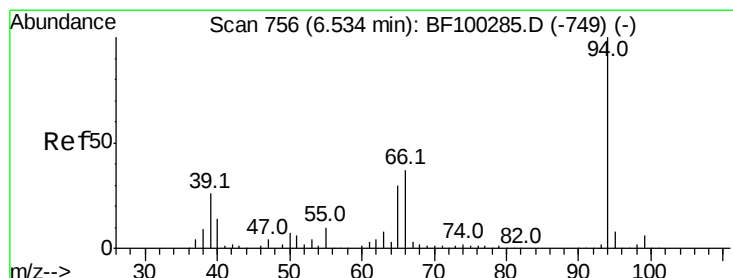
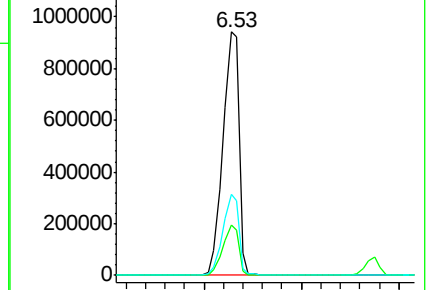
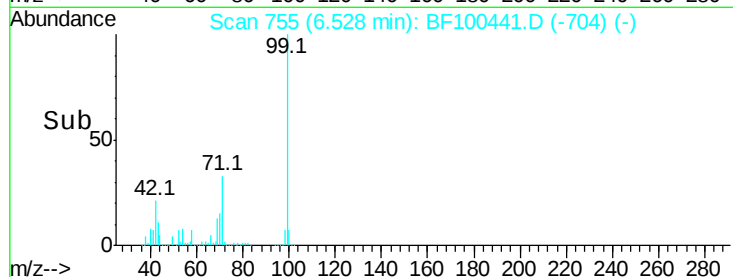
99 100

42 20.6 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



#10

Phenol

Concen: 4.451 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100441.D

Acq: 11 Nov 2017 15:29

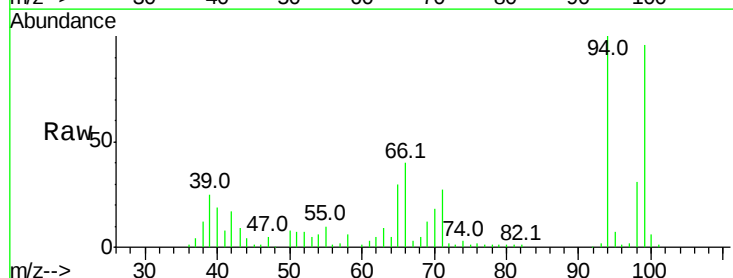
Tgt Ion: 94 Resp: 50512

Ion Ratio Lower Upper

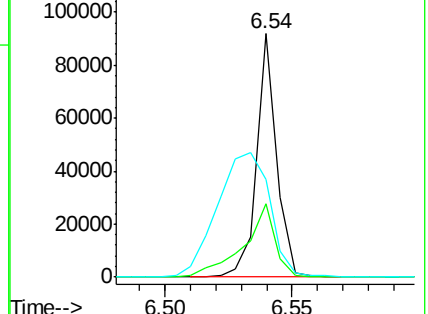
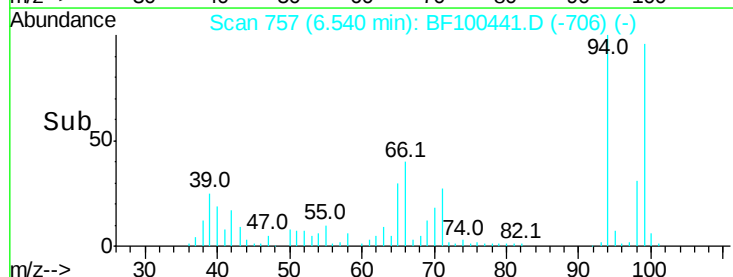
94 100

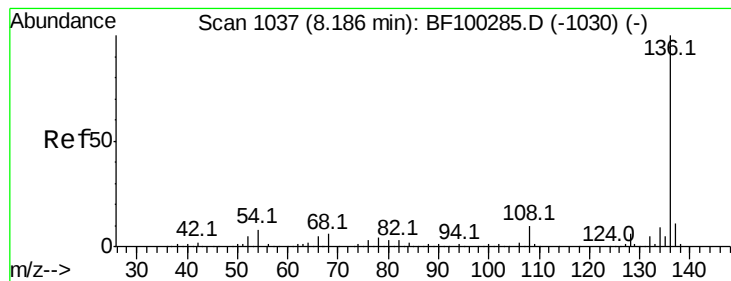
65 30.0 7.9 47.9

66 39.9 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: BF100441.D

Acq: 11 Nov 2017 15:29

Instrument :

BNA_F

ClientSampleId :

2334

Tot Ion:136 Resp: 514225

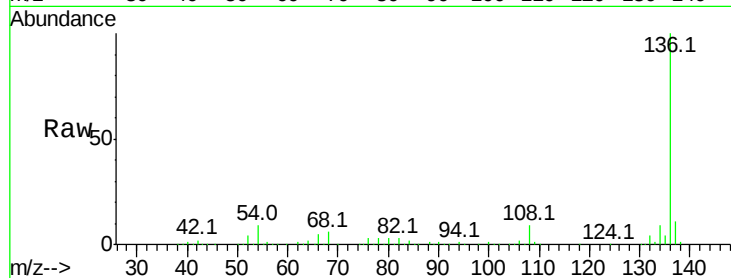
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4

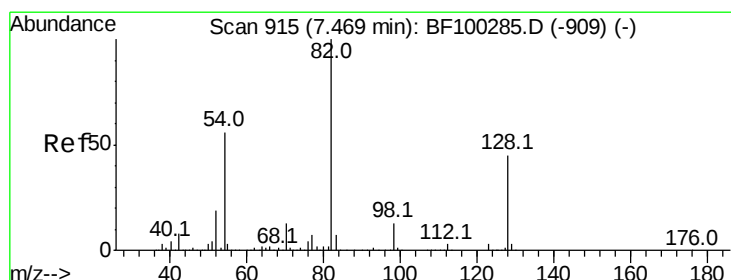
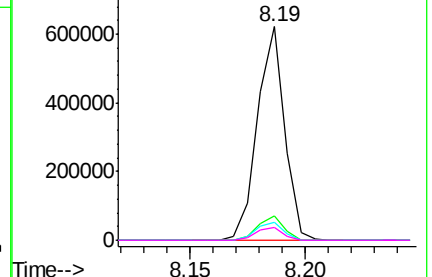
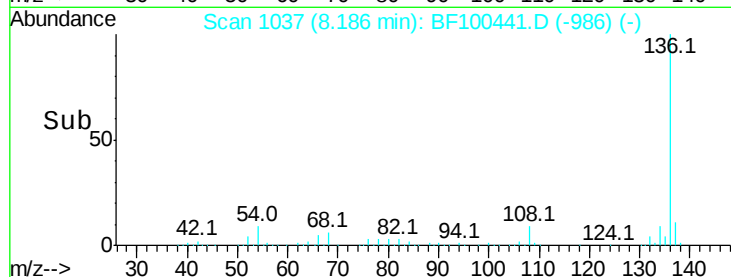


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.667 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100441.D

Acq: 11 Nov 2017 15:29

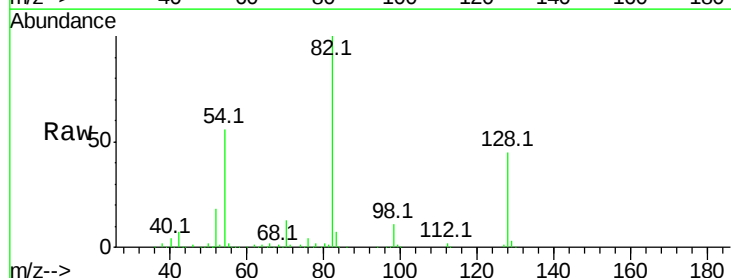
Tgt Ion: 82 Resp: 650757

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

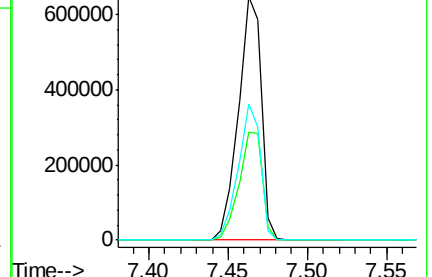
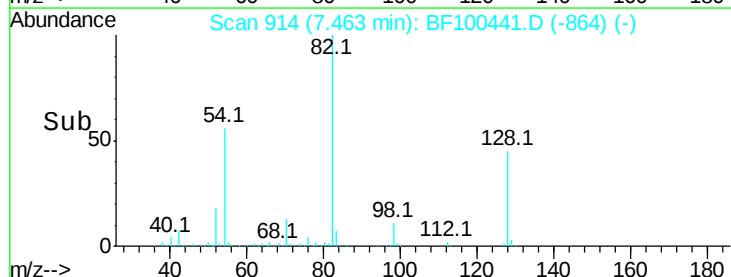
54 56.0 41.4 62.2

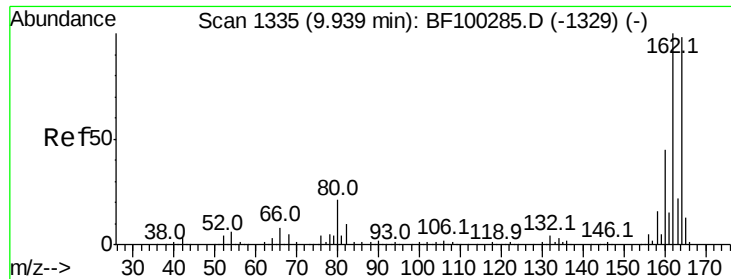


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

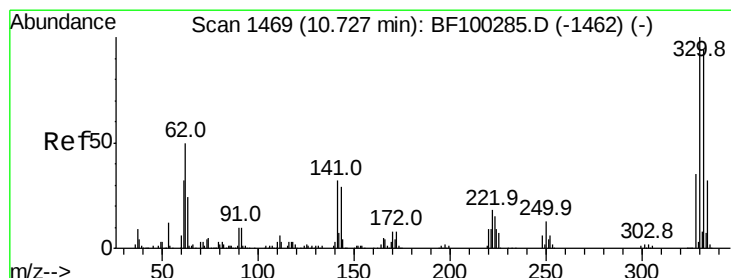
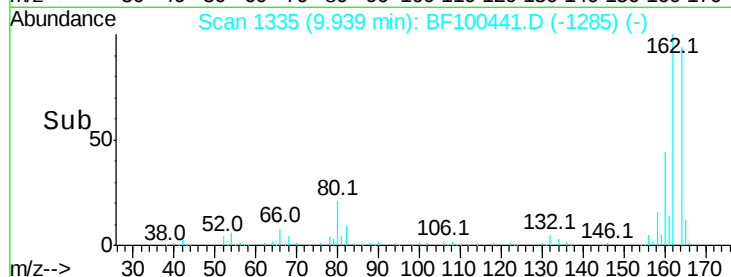
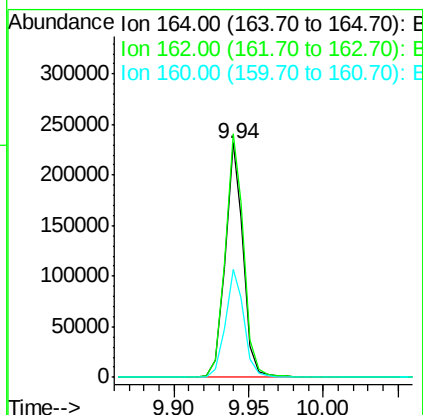
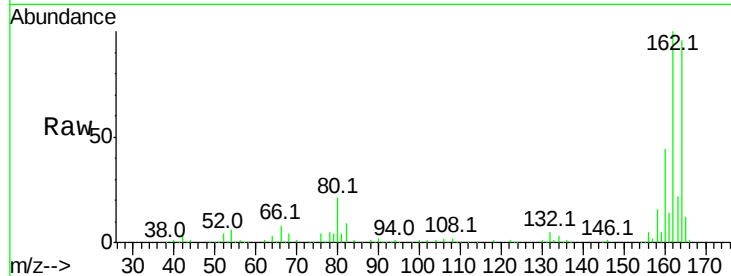




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

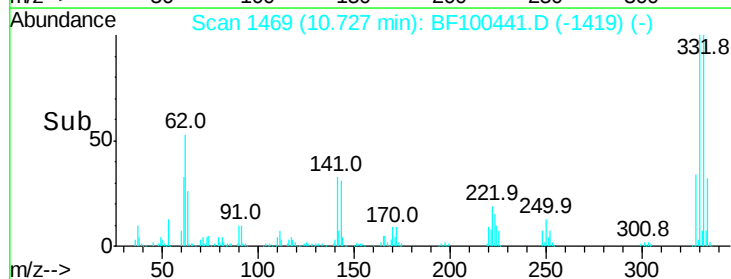
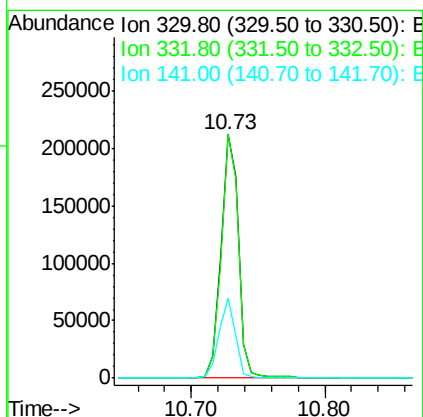
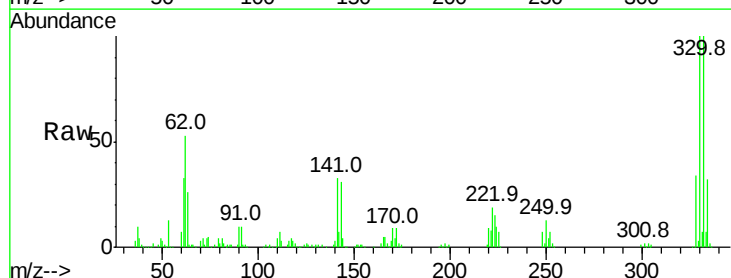
Instrument :
BNA_F
ClientSampleId :
2334

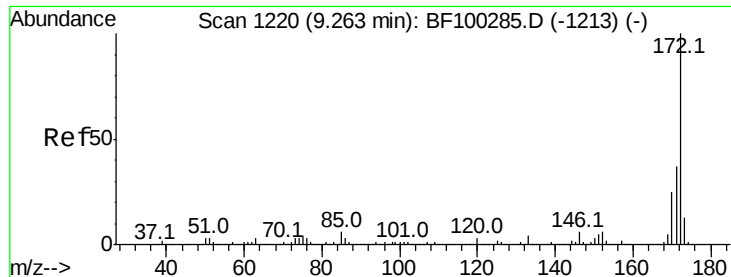
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.8	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 97.133 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	31.4	29.9	44.9

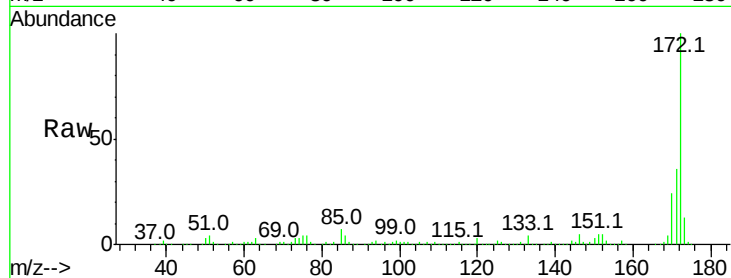




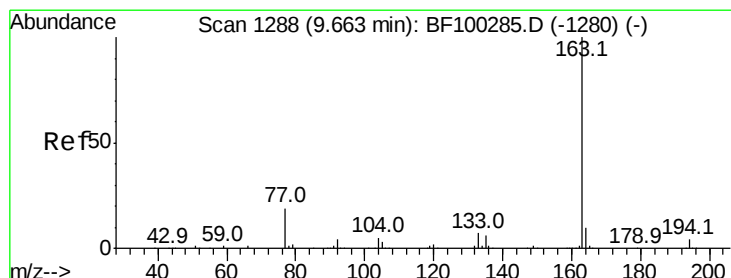
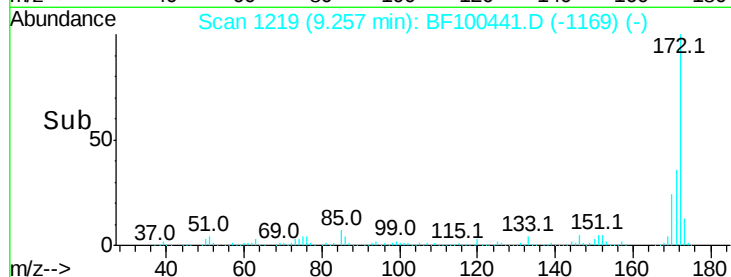
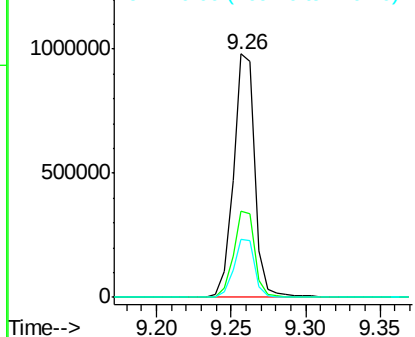
#44
2-Fluorobiphenyl
Concen: 76.121 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Instrument :
BNA_F
ClientSampled :
2334

Tot Ion:172 Resp: 987542
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.9 19.6 29.4

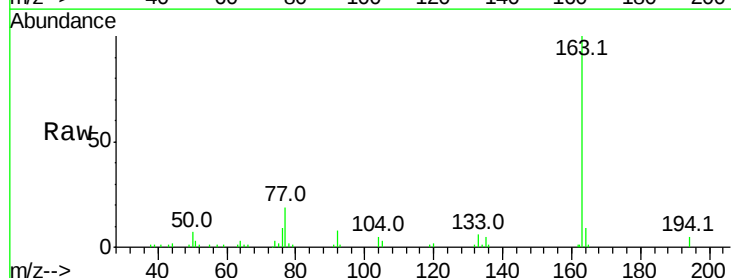


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

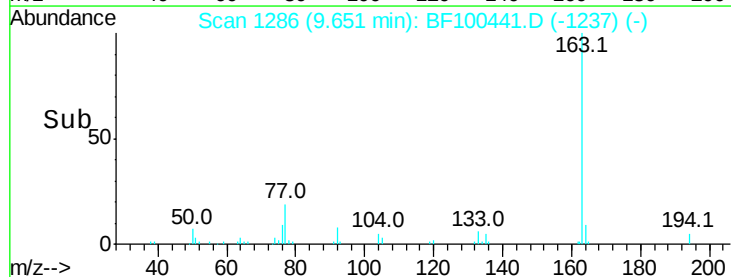
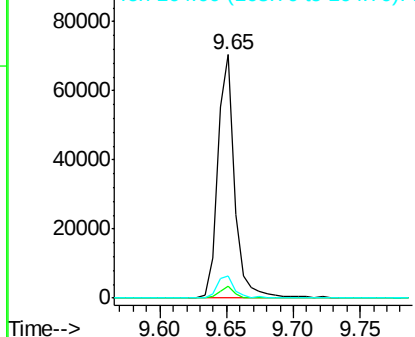


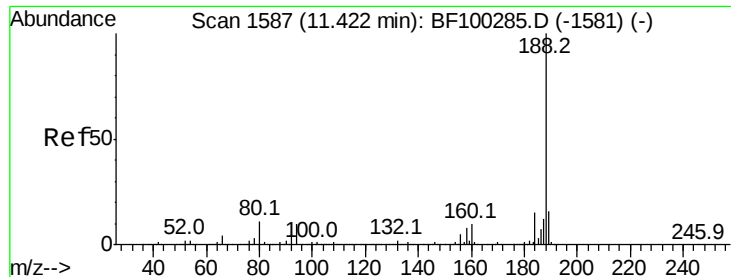
#49
Dimethylphthalate
Concen: 4.169 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Tgt Ion:163 Resp: 62875
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 9.3 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

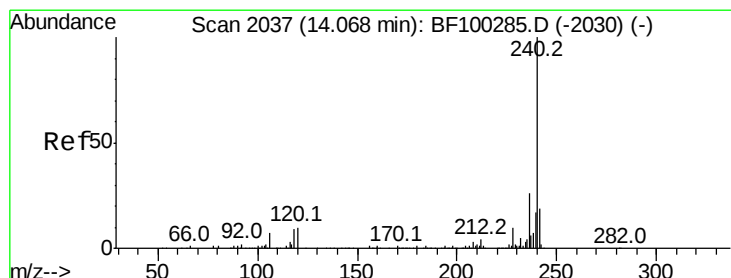
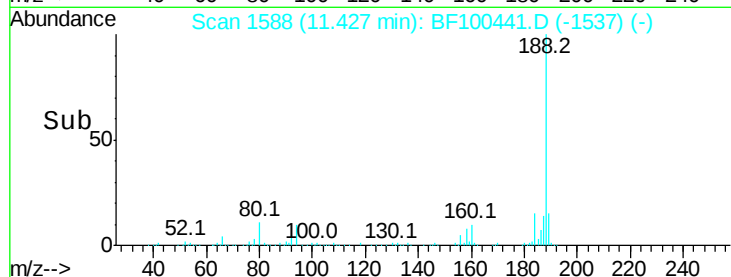
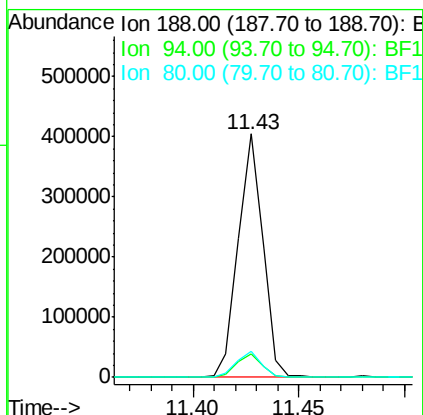
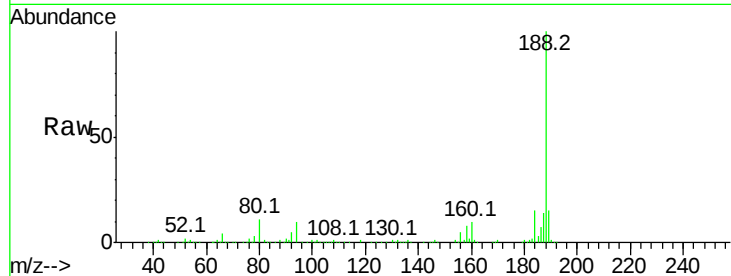




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

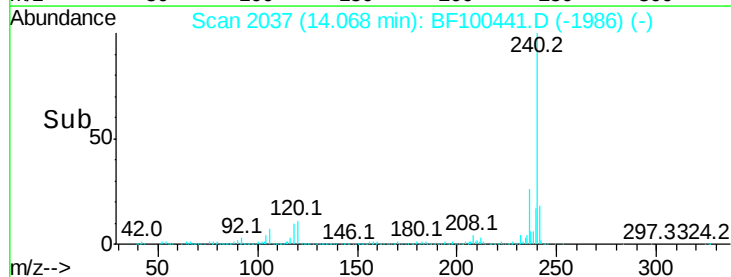
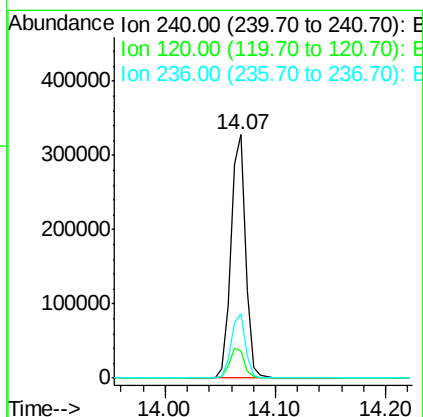
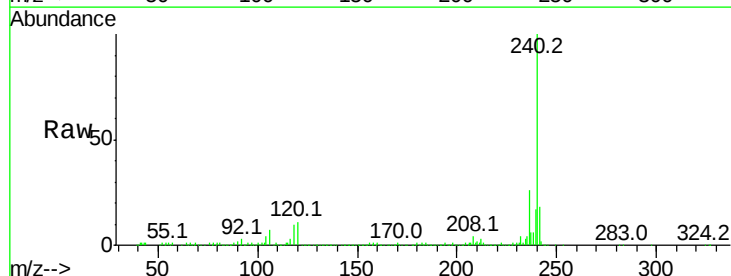
Instrument :
BNA_F
ClientSampled :
2334

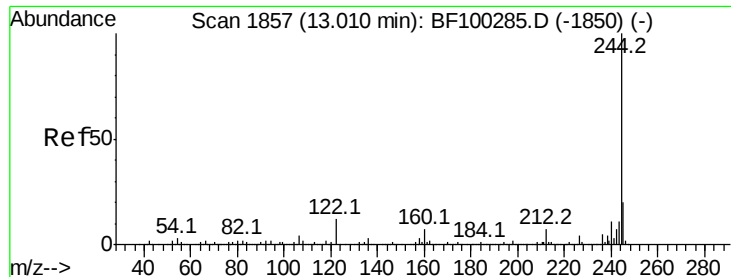
Tot Ion:188 Resp: 327017
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100441.D
Acq: 11 Nov 2017 15:29

Tgt Ion:240 Resp: 306901
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 59.226 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100441.D

Acq: 11 Nov 2017 15:29

Instrument :

BNA_F

ClientSampleId :

2334

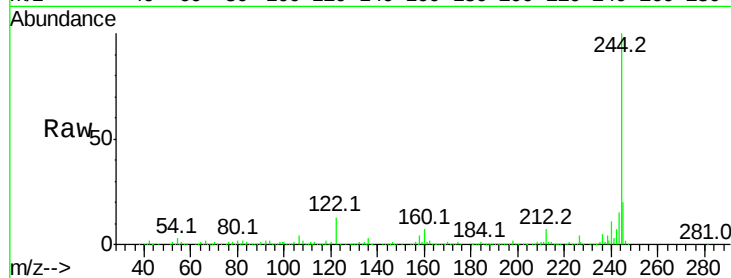
Tot Ion:244 Resp: 791066

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

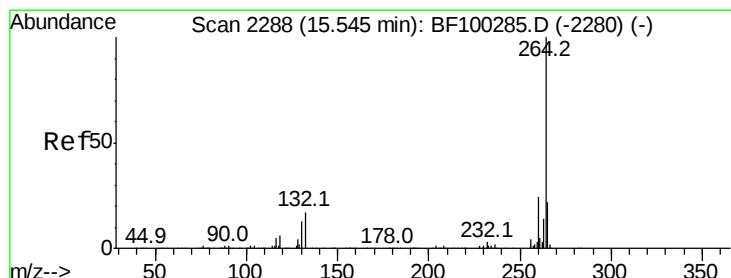
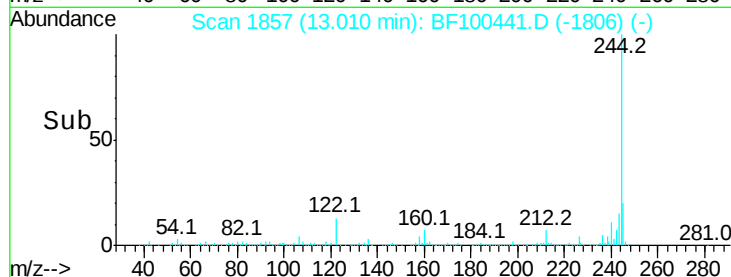
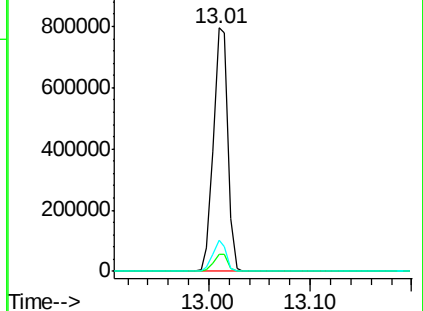
122 12.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100441.D

Acq: 11 Nov 2017 15:29

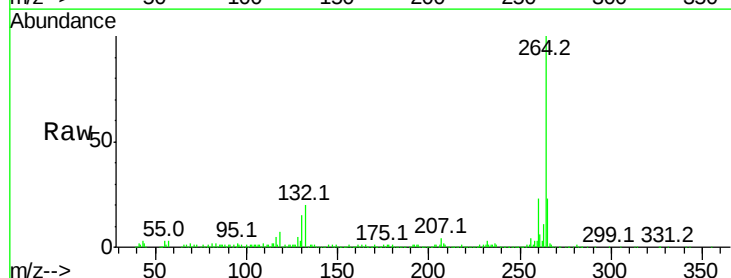
Tgt Ion:264 Resp: 216466

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 23.0 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

