

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100689.D
 Acq On : 17 Nov 2017 22:24
 Operator : SJ/JU
 Sample : I6478-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

Quant Time: Nov 17 23:56:04 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

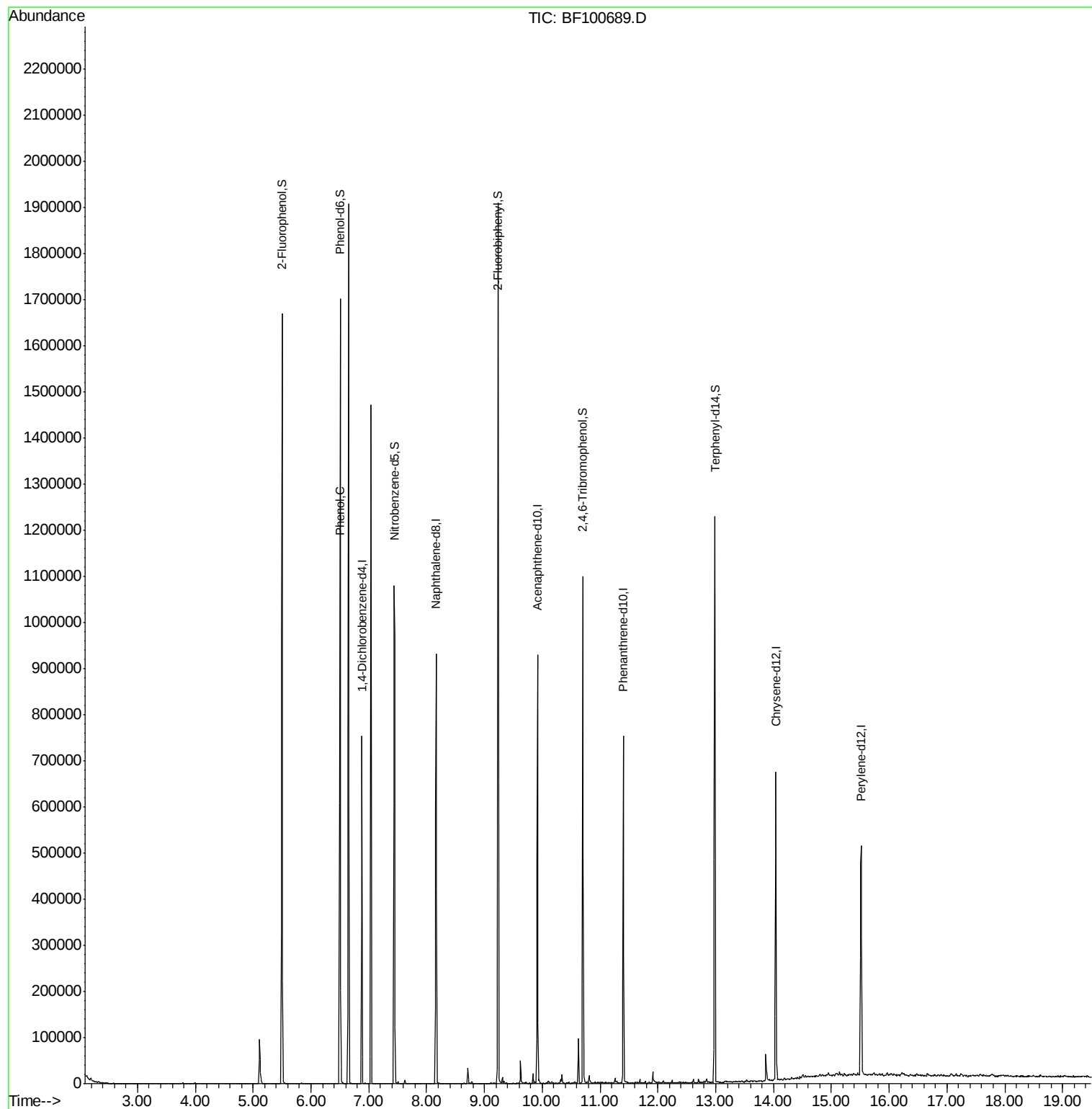
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	104116	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	404219	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175491	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	274737	20.00	ng	0.00
75) Chrysene-d12	14.04	240	220029	20.00	ng	0.00
86) Perylene-d12	15.52	264	239888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	506276	77.95	ng	0.00
7) Phenol-d6	6.50	99	618775	77.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	368920	60.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	135312	75.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	669990	58.13	ng	0.00
78) Terphenyl-d14	12.99	244	446292	46.61	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31684	3.768	ng	Qvalue 96

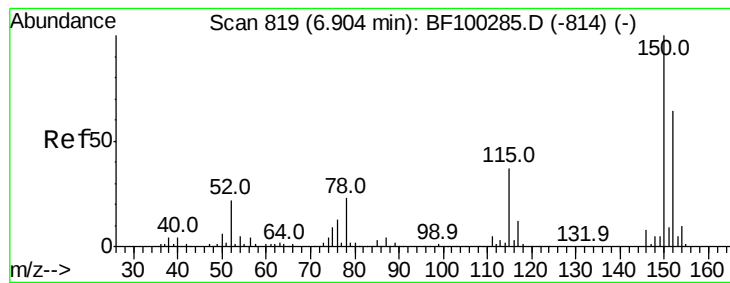
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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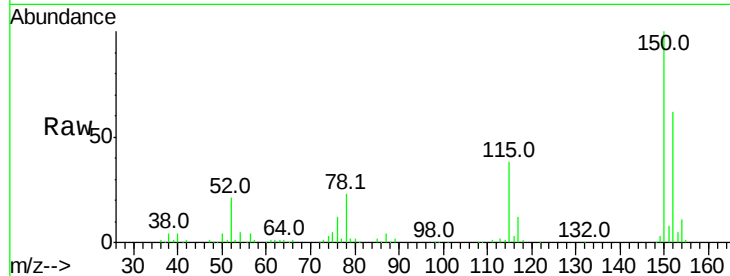


#1

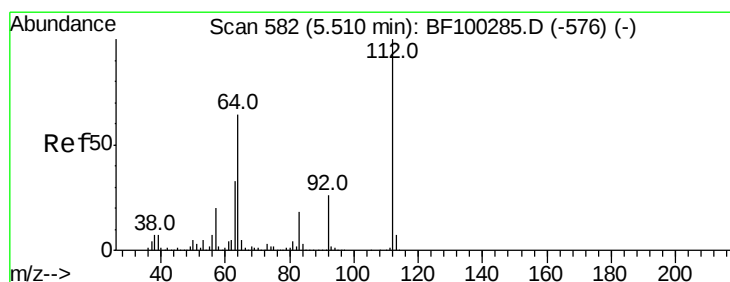
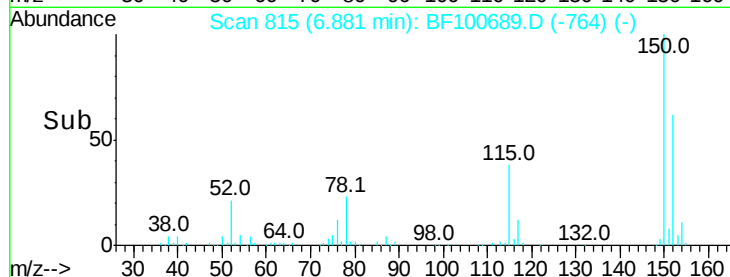
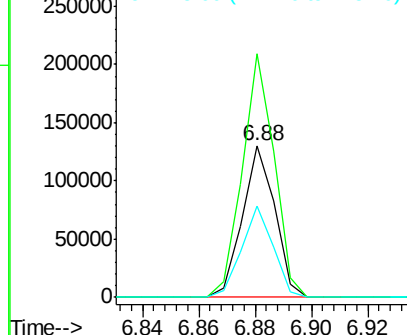
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	60.3	50.1	75.1



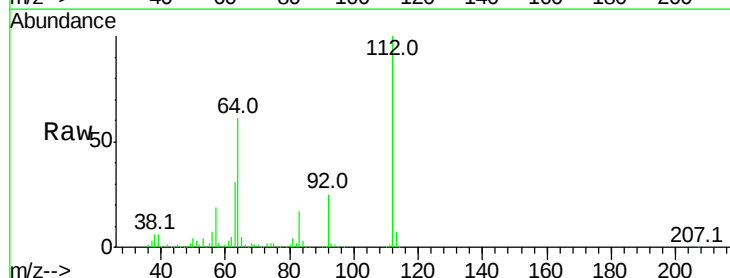
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



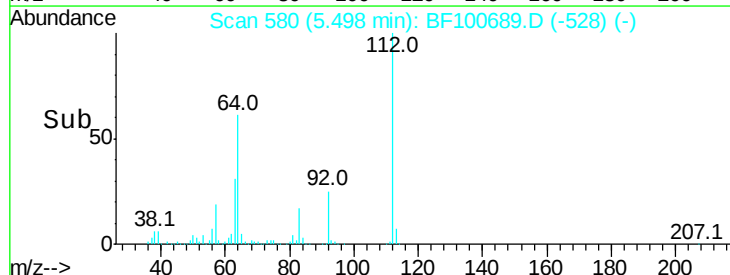
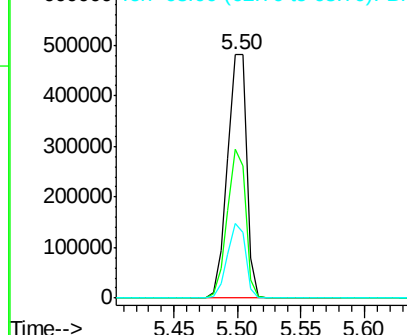
#5

2-Fluorophenol
Concen: 77.947 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.9	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: 77.257 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SP-1-A

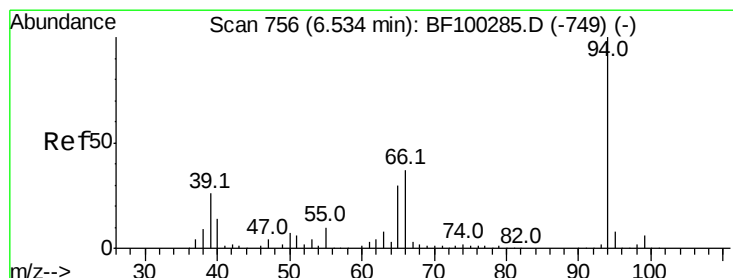
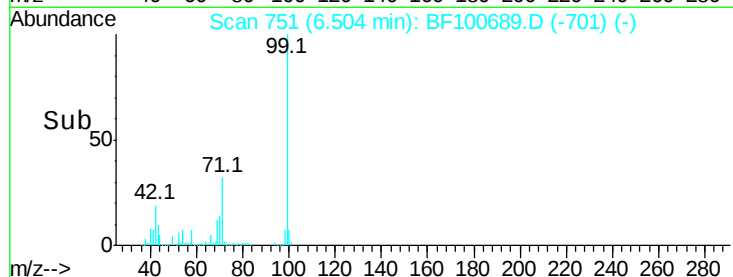
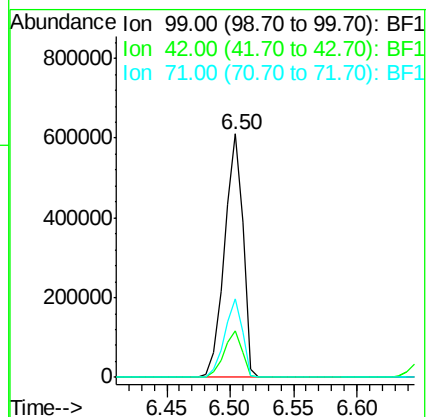
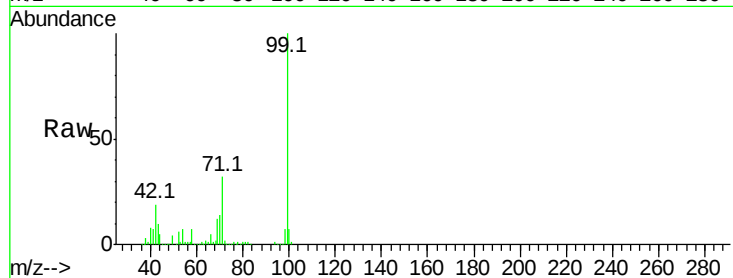
Tot Ion: 99 Resp: 618775

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.768 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

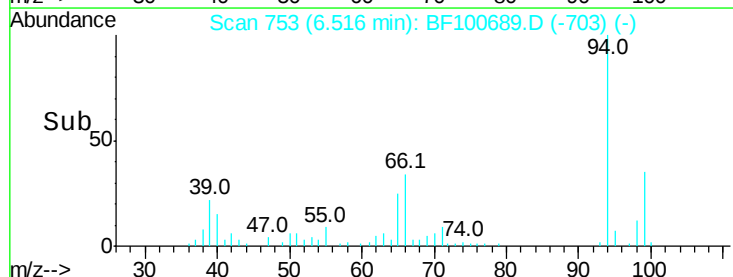
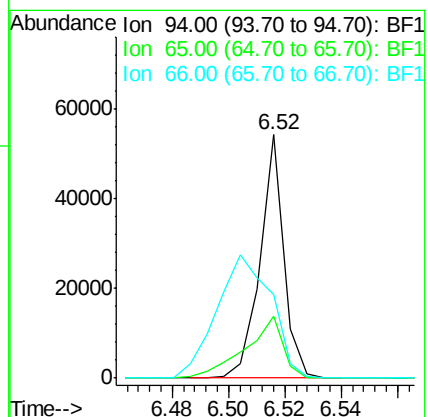
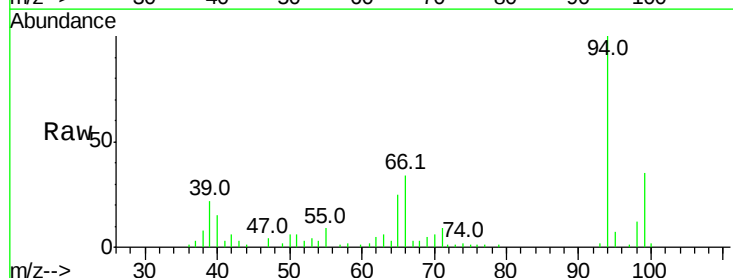
Tgt Ion: 94 Resp: 31684

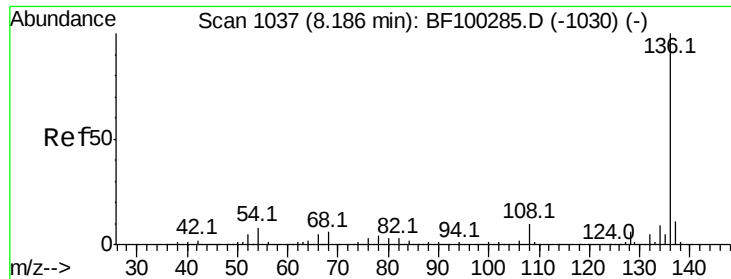
Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

66 34.5 16.2 56.2

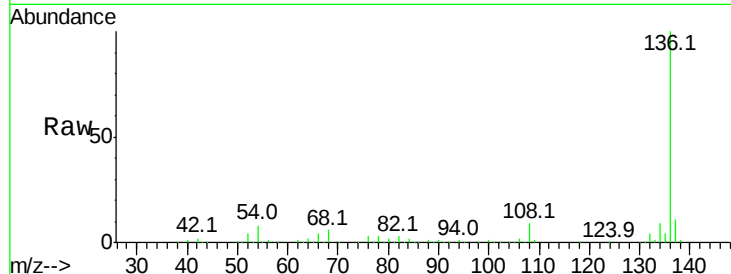




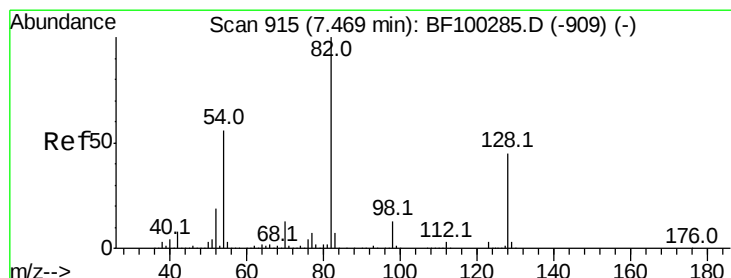
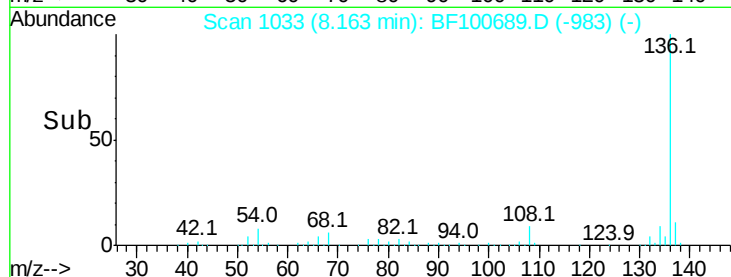
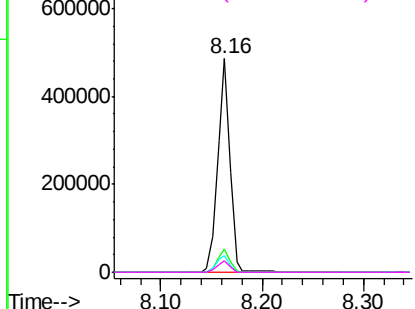
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tot Ion:	136	Resp:	404219
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.6	5.0	7.4

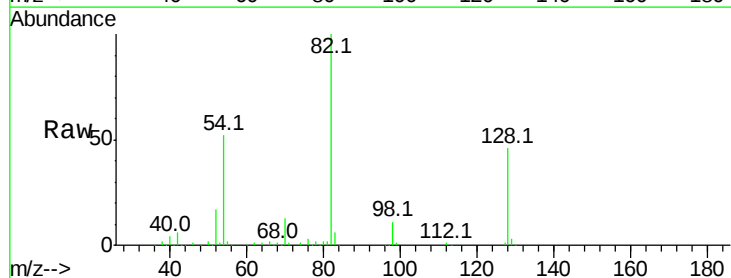


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

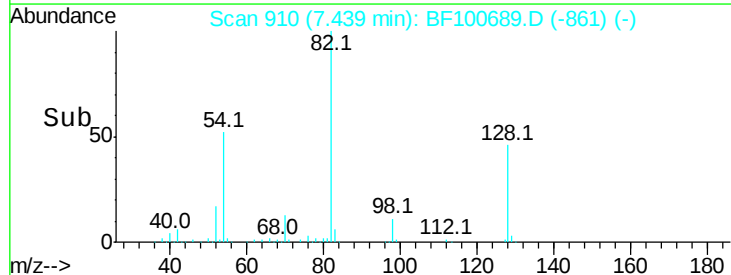
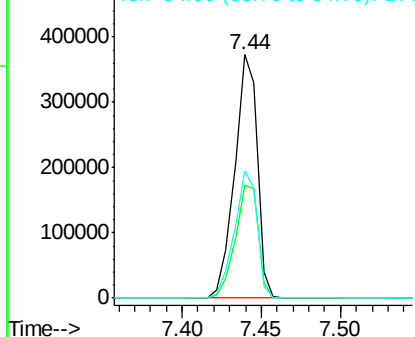


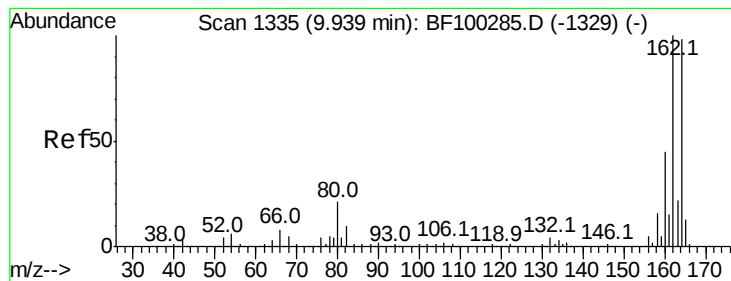
#23
Nitrobenzene-d5
Concen: 60.340 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Tgt Ion:	82	Resp:	368920
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.1	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: BF100689.D

Acq: 17 Nov 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SP-1-A

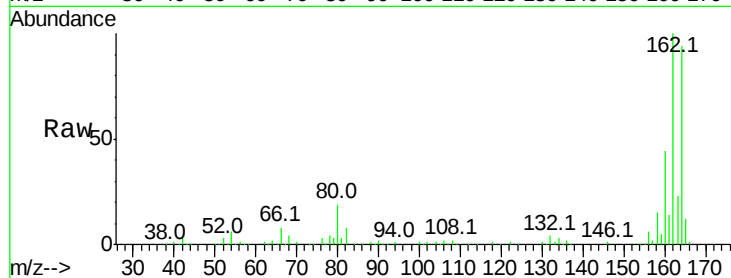
Tot Ion:164 Resp: 175491

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

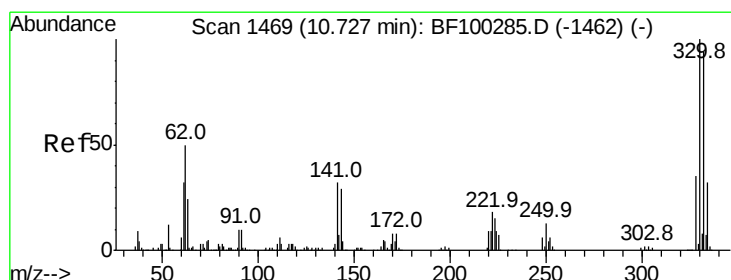
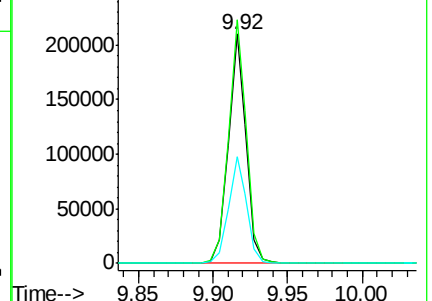
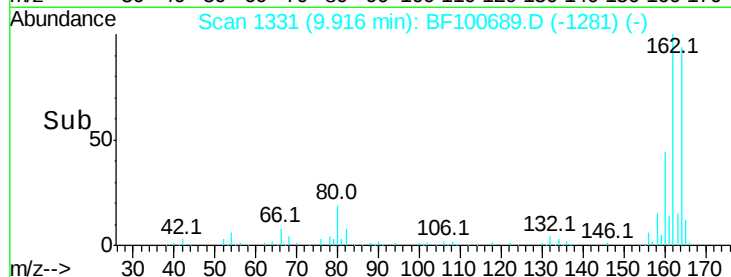
160 46.7 38.3 57.5



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: 75.667 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

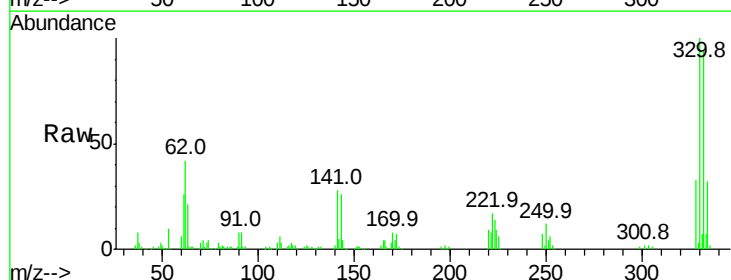
Tgt Ion:330 Resp: 135312

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

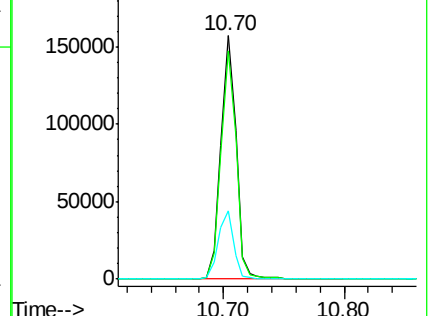
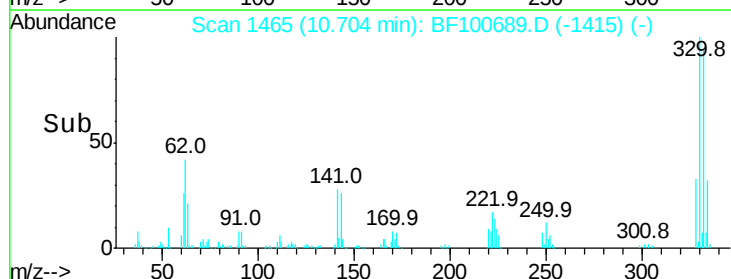
141 28.1 29.9 44.9#

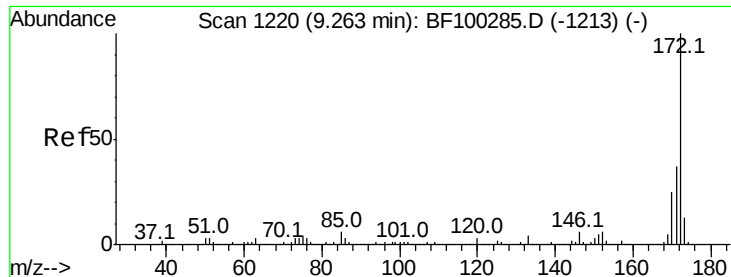


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

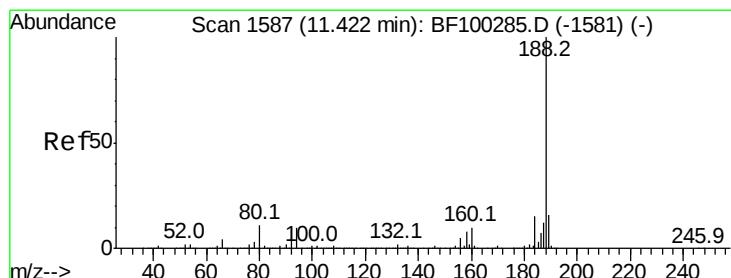
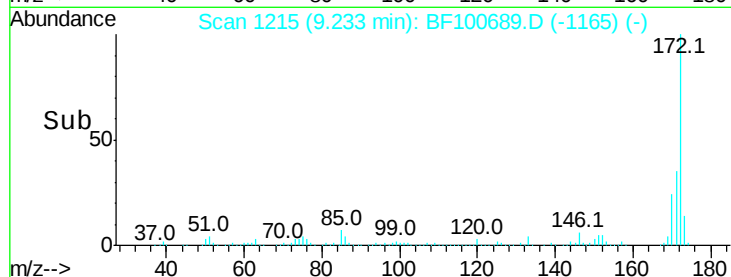
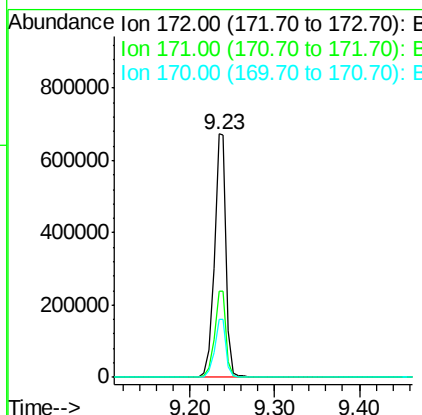
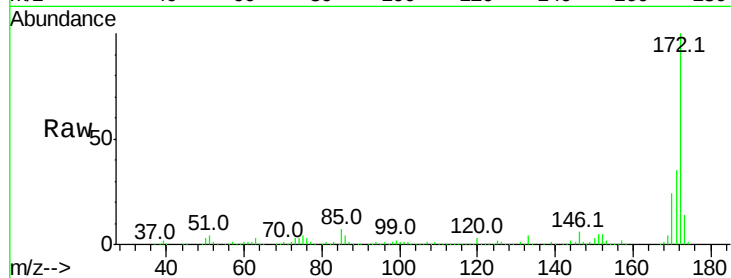




#44
 2-Fluorobiphenyl
 Concen: 58.134 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

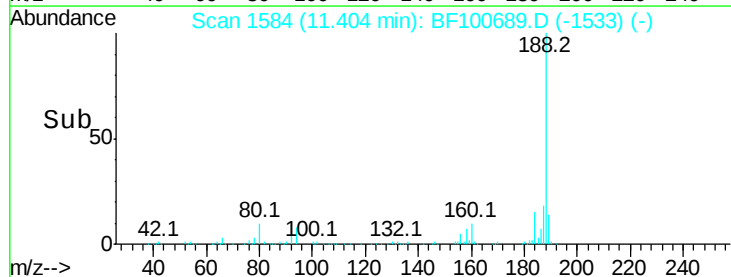
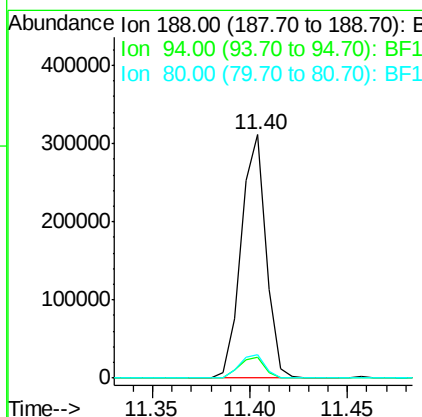
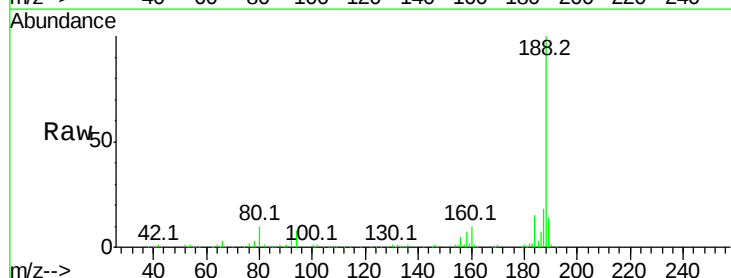
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

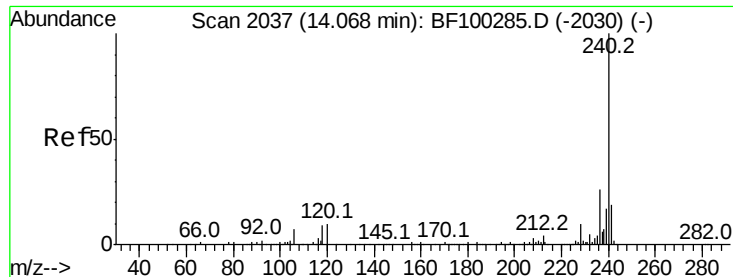
Tot Ion:172 Resp: 669990
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Tgt Ion:188 Resp: 274737
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.6 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: BF100689.D

Acq: 17 Nov 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SP-1-A

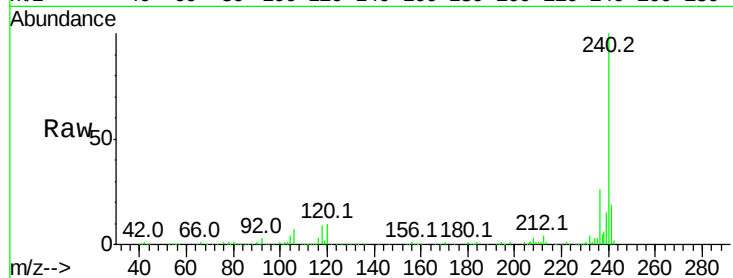
Tot Ion:240 Resp: 220029

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

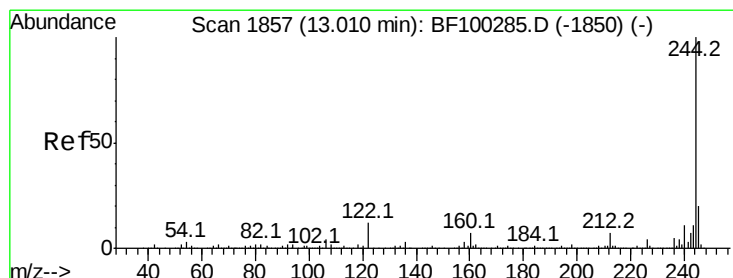
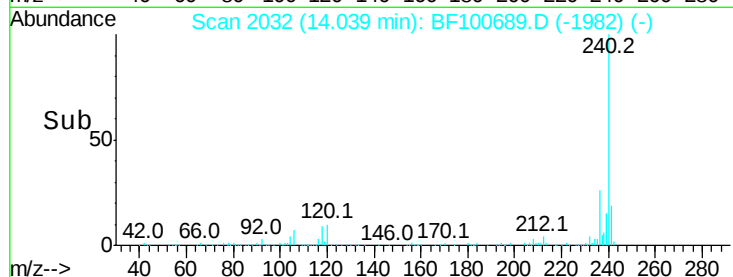
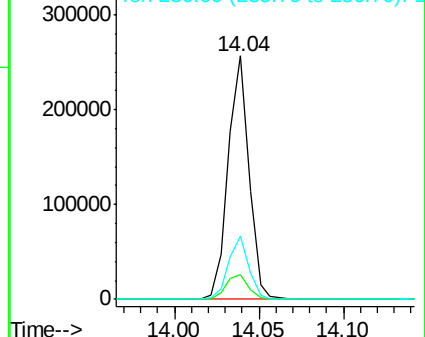
236 25.8 20.7 31.1



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: 46.605 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

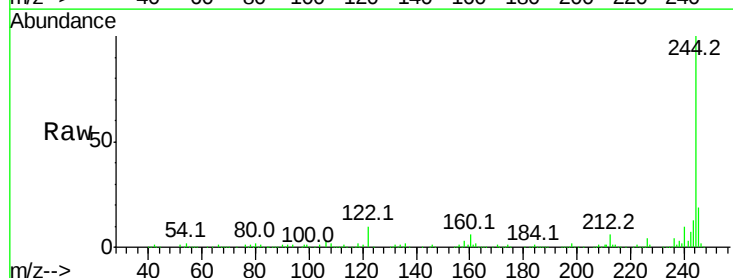
Tgt Ion:244 Resp: 446292

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

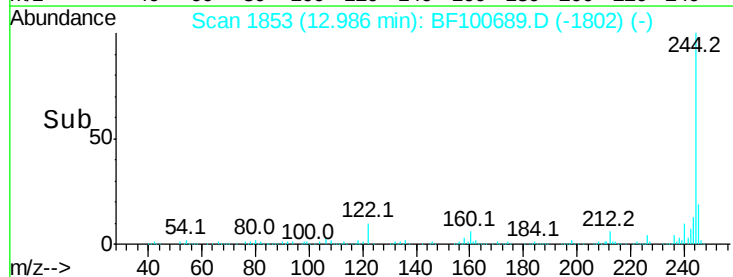
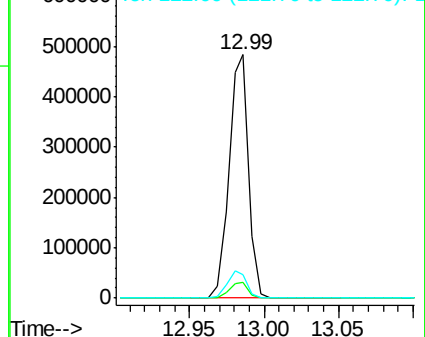
122 9.7 11.0 16.4#

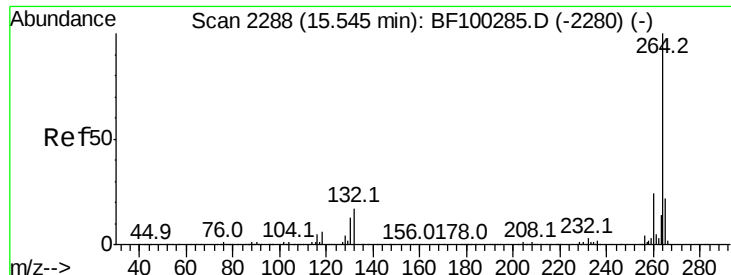


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

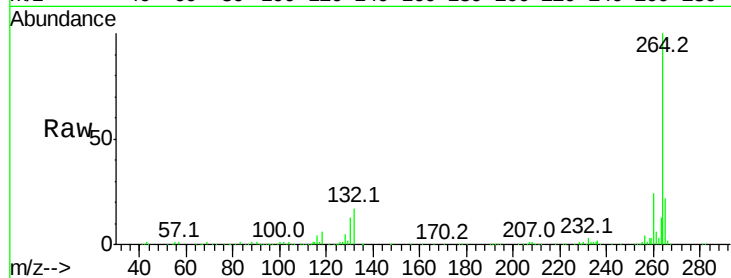




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	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

