

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100470.D
 Acq On : 12 Nov 2017 5:43
 Operator : SJ/JU
 Sample : I6407-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2334

Quant Time: Nov 13 05:58:02 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	132712	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	499499	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199133	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	320760	20.00	ng	0.00
75) Chrysene-d12	14.06	240	272715	20.00	ng	0.00
86) Perylene-d12	15.54	264	198729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	847812	102.40	ng	0.02
7) Phenol-d6	6.53	99	876507	85.86	ng	0.00
23) Nitrobenzene-d5	7.46	82	756636	100.15	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	230231	113.46	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1316865	100.70	ng	0.00
78) Terphenyl-d14	13.01	244	972091	81.90	ng	0.00

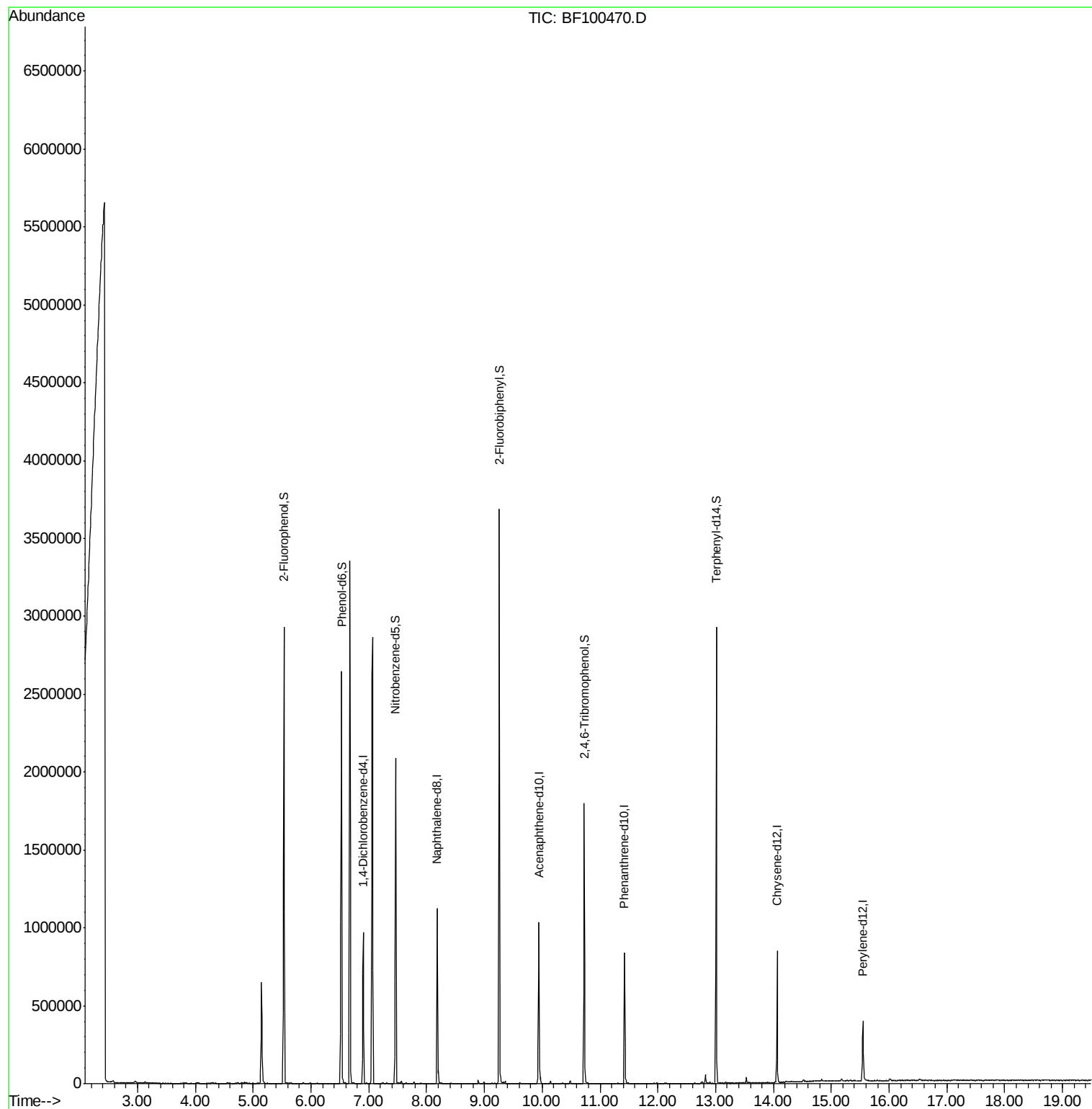
Target Compounds Qvalue

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

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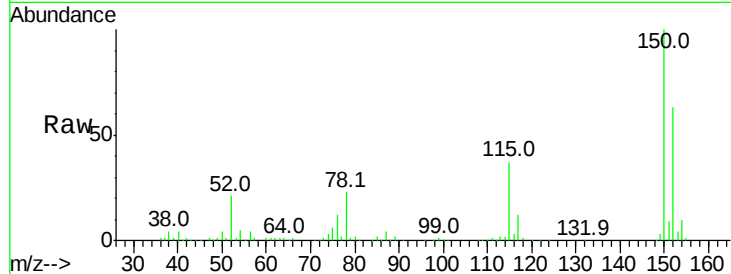


#1

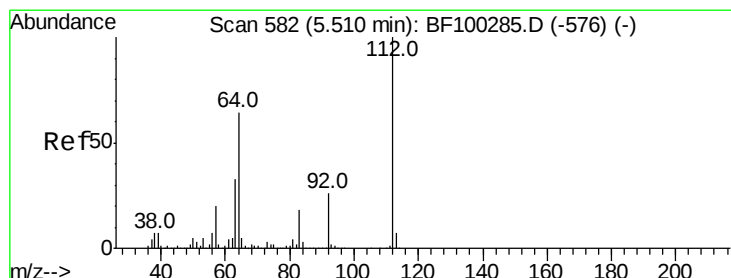
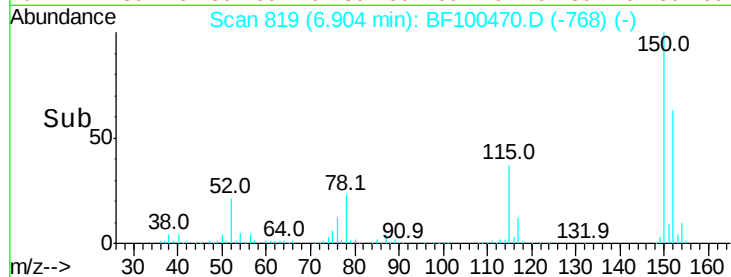
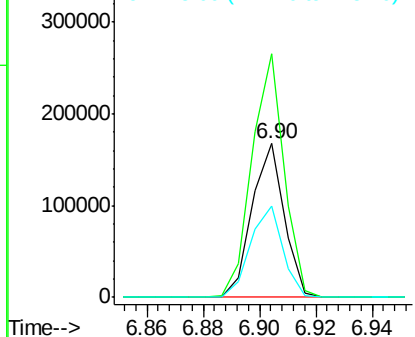
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.0	50.1	75.1



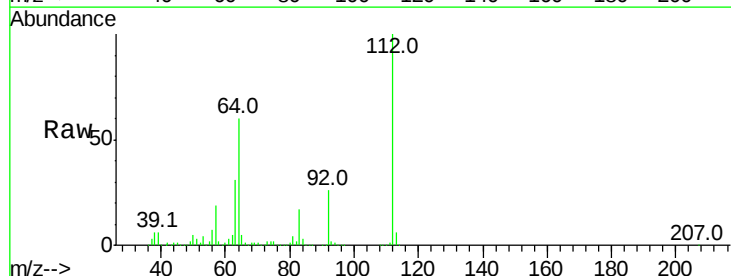
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



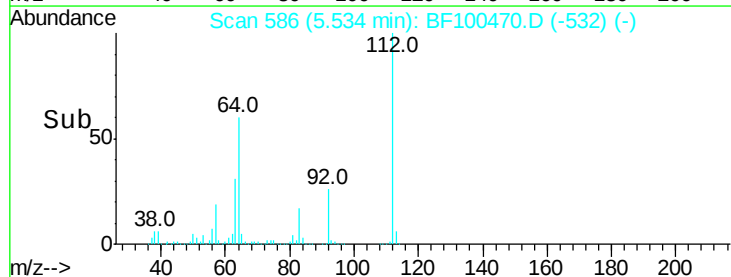
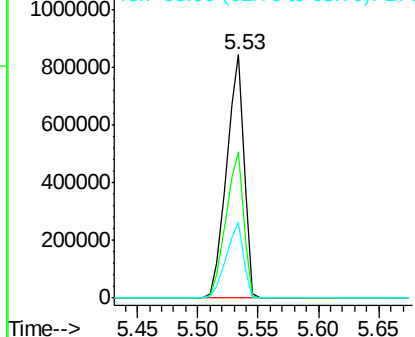
#5

2-Fluorophenol
Concen: 102.405 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.1	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: 85.855 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100470.D

Acq: 12 Nov 2017 5:43

Instrument :

BNA_F

ClientSampleId :

2334

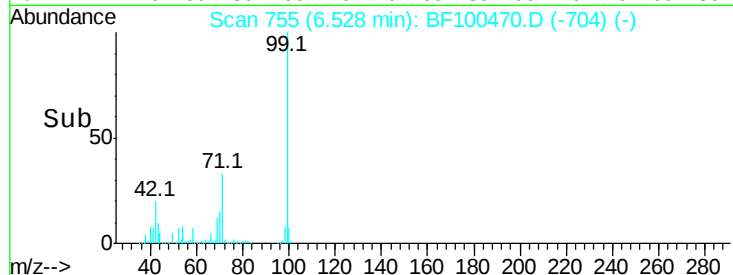
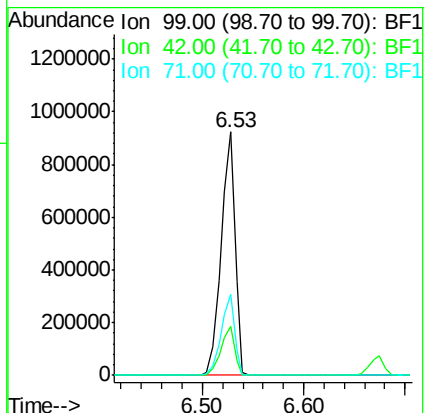
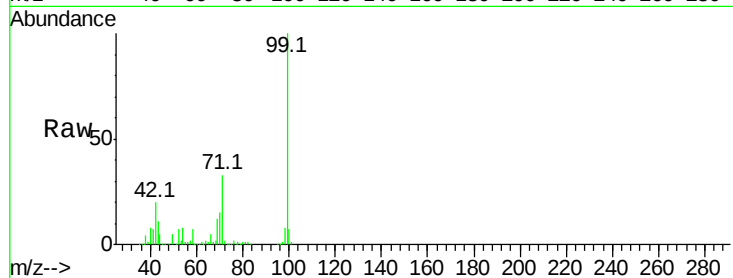
Tot Ion: 99 Resp: 876507

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 33.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100470.D

Acq: 12 Nov 2017 5:43

Tgt Ion: 136 Resp: 499499

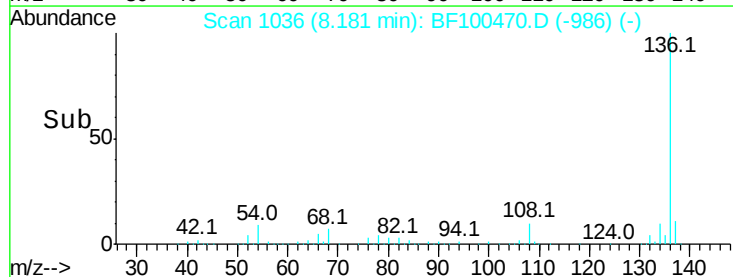
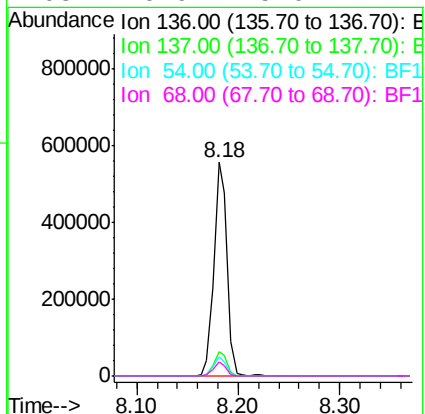
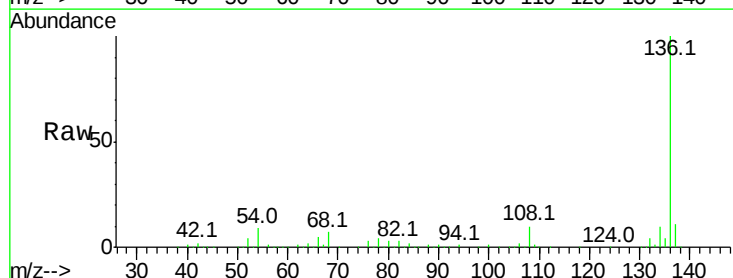
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.2 6.6 9.8

68 6.9 5.0 7.4

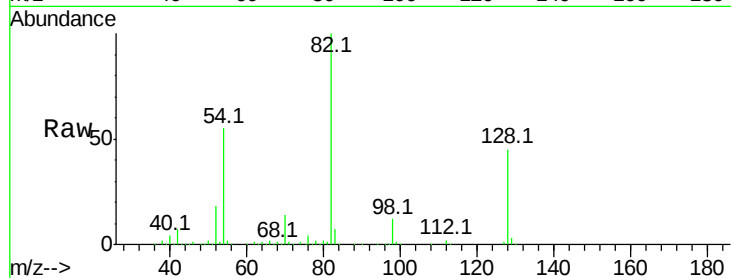




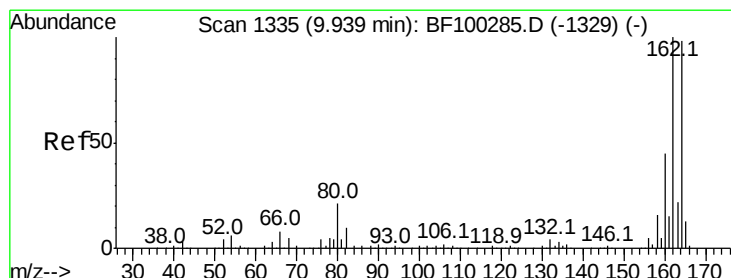
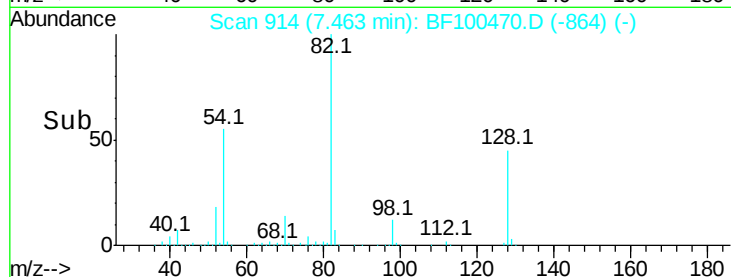
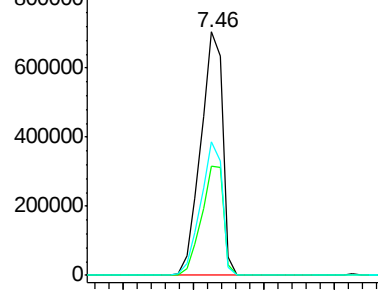
#23
Nitrobenzene-d5
Concen: 100.148 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampled :
2334

Tot Ion	82	Resp	756636
Ion Ratio	100	Lower	Upper
128	44.9	36.1	54.1
54	55.1	41.4	62.2

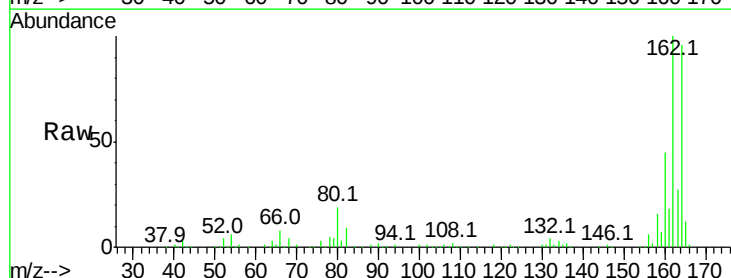


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

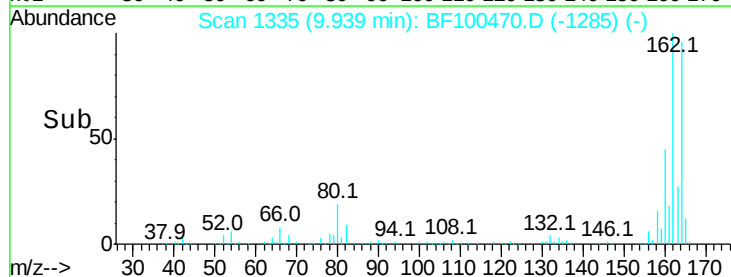
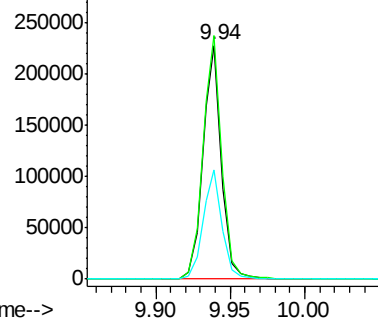


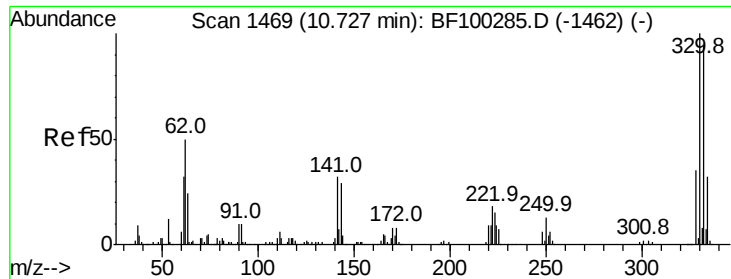
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion	164	Resp	199133
Ion Ratio	100	Lower	Upper
162	104.2	86.1	129.1
160	46.6	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

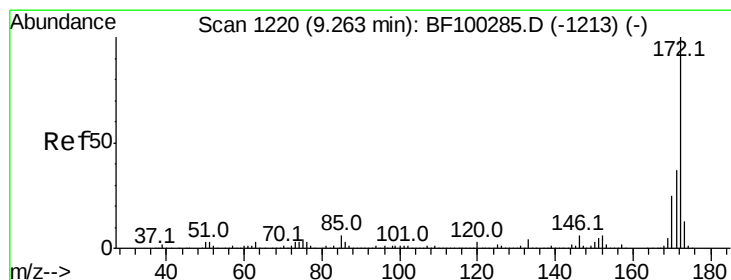
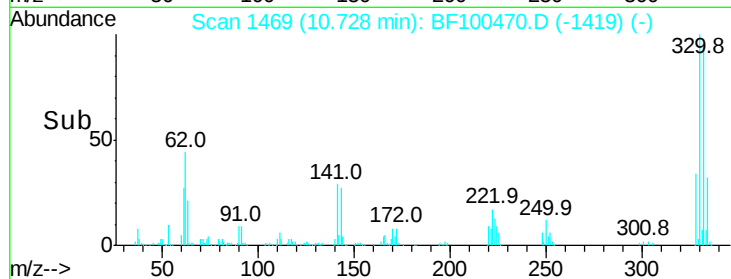
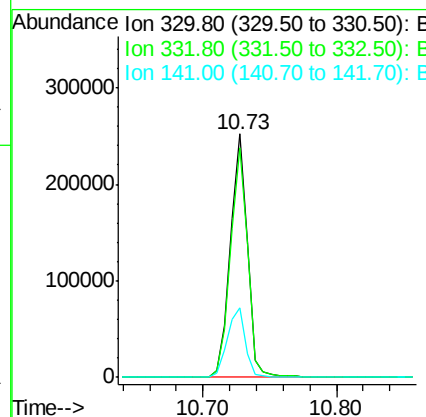
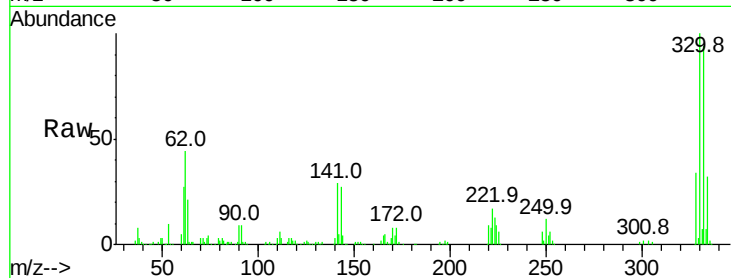




#41
 2,4,6-Tribromophenol
 Concen: 113.461 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100470.D
 Acq: 12 Nov 2017 5:43

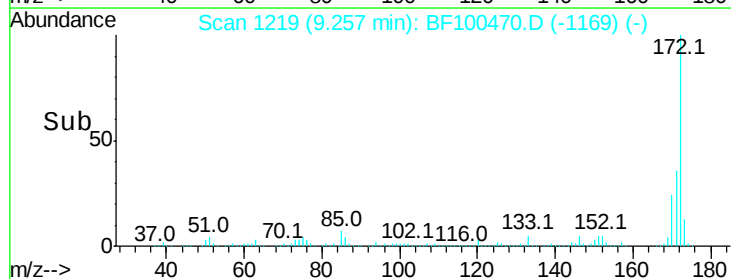
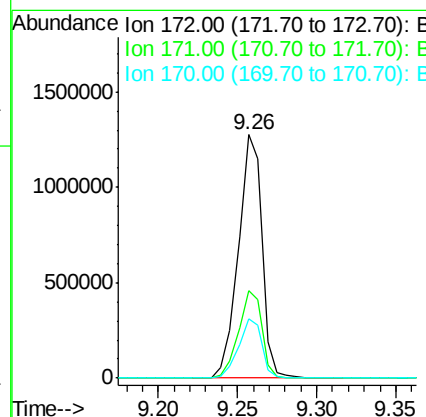
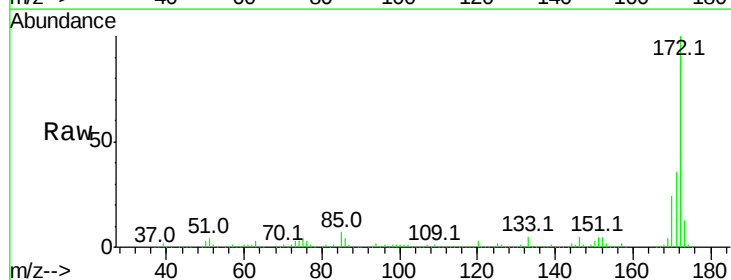
Instrument :
 BNA_F
 ClientSampleId :
 2334

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.697 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100470.D
 Acq: 12 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100470.D

Acq: 12 Nov 2017 5:43

Instrument :

BNA_F

ClientSampleId :

2334

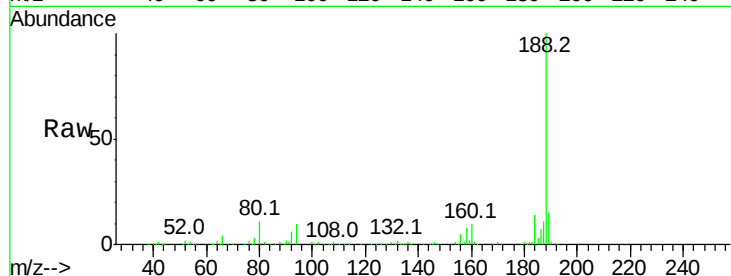
Tot Ion:188 Resp: 320760

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

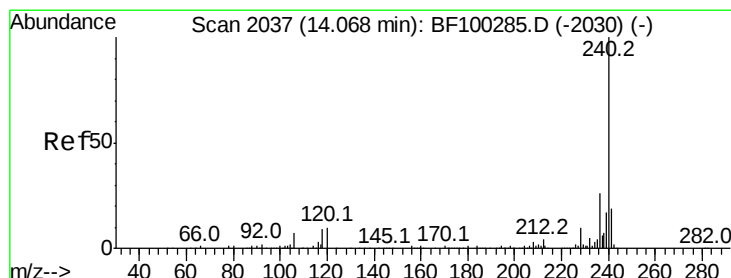
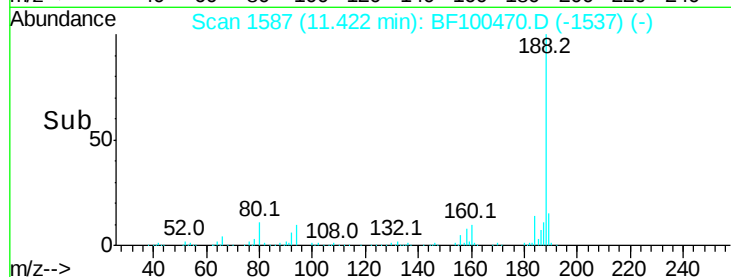
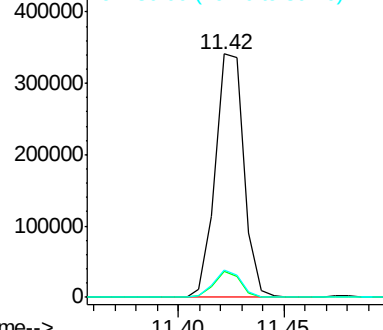
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100470.D

Acq: 12 Nov 2017 5:43

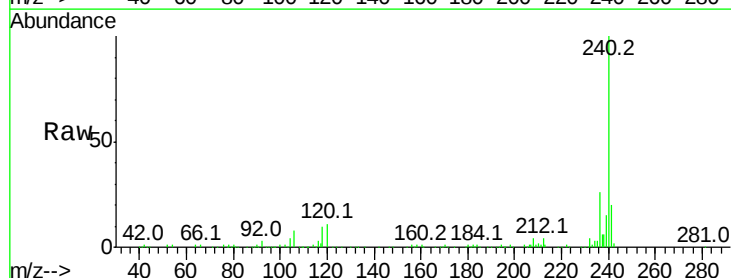
Tgt Ion:240 Resp: 272715

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

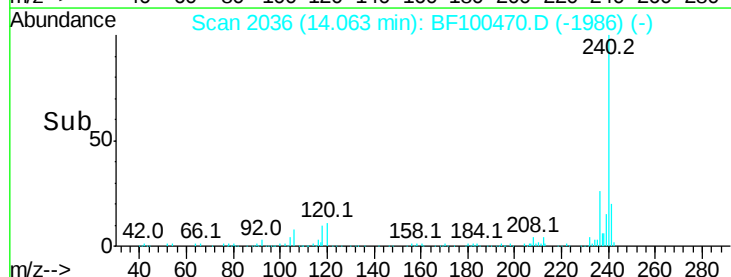
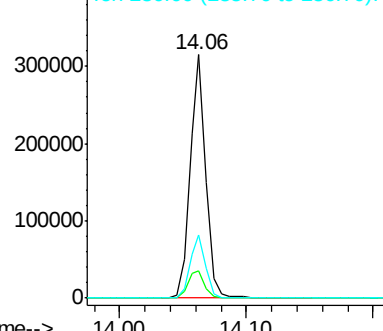
236 25.7 20.7 31.1

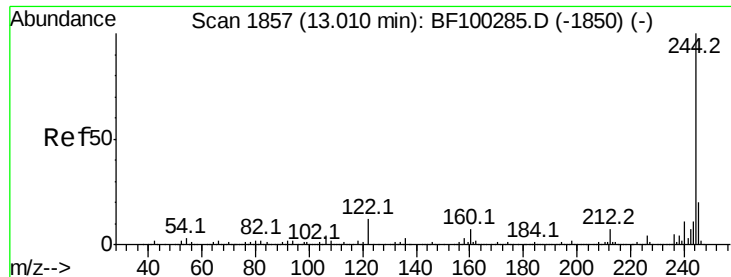


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.902 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100470.D

Acq: 12 Nov 2017 5:43

Instrument :

BNA_F

ClientSampled :

2334

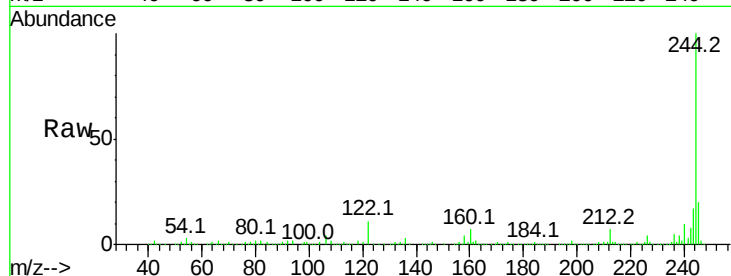
Tot Ion:244 Resp: 972091

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

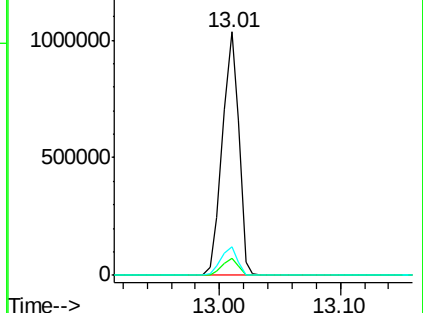
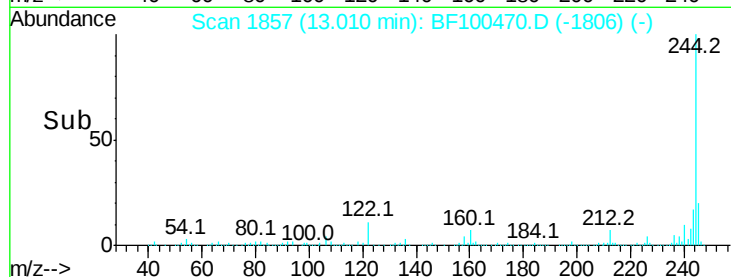
122 11.5 11.0 16.4



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: BF100470.D

Acq: 12 Nov 2017 5:43

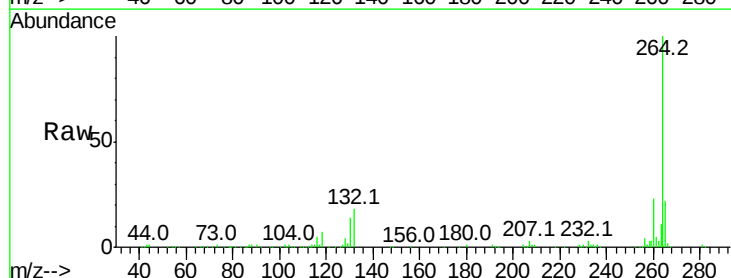
Tgt Ion:264 Resp: 198729

Ion Ratio Lower Upper

264 100

260 22.7 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

