

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100569.D
 Acq On : 15 Nov 2017 5:14
 Operator : SJ/JU
 Sample : I6403-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-U-B

Quant Time: Nov 15 07:04:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111728	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	396745	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	148139	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	240820	20.00	ng	0.00
75) Chrysene-d12	14.04	240	249225	20.00	ng	-0.01
86) Perylene-d12	15.52	264	166559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	357842	51.34	ng	0.00
7) Phenol-d6	6.50	99	280932	32.69	ng	-0.01
23) Nitrobenzene-d5	7.45	82	649853	108.29	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	126784	83.99	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1051679	108.10	ng	0.00
78) Terphenyl-d14	12.99	244	812871	74.94	ng	0.00

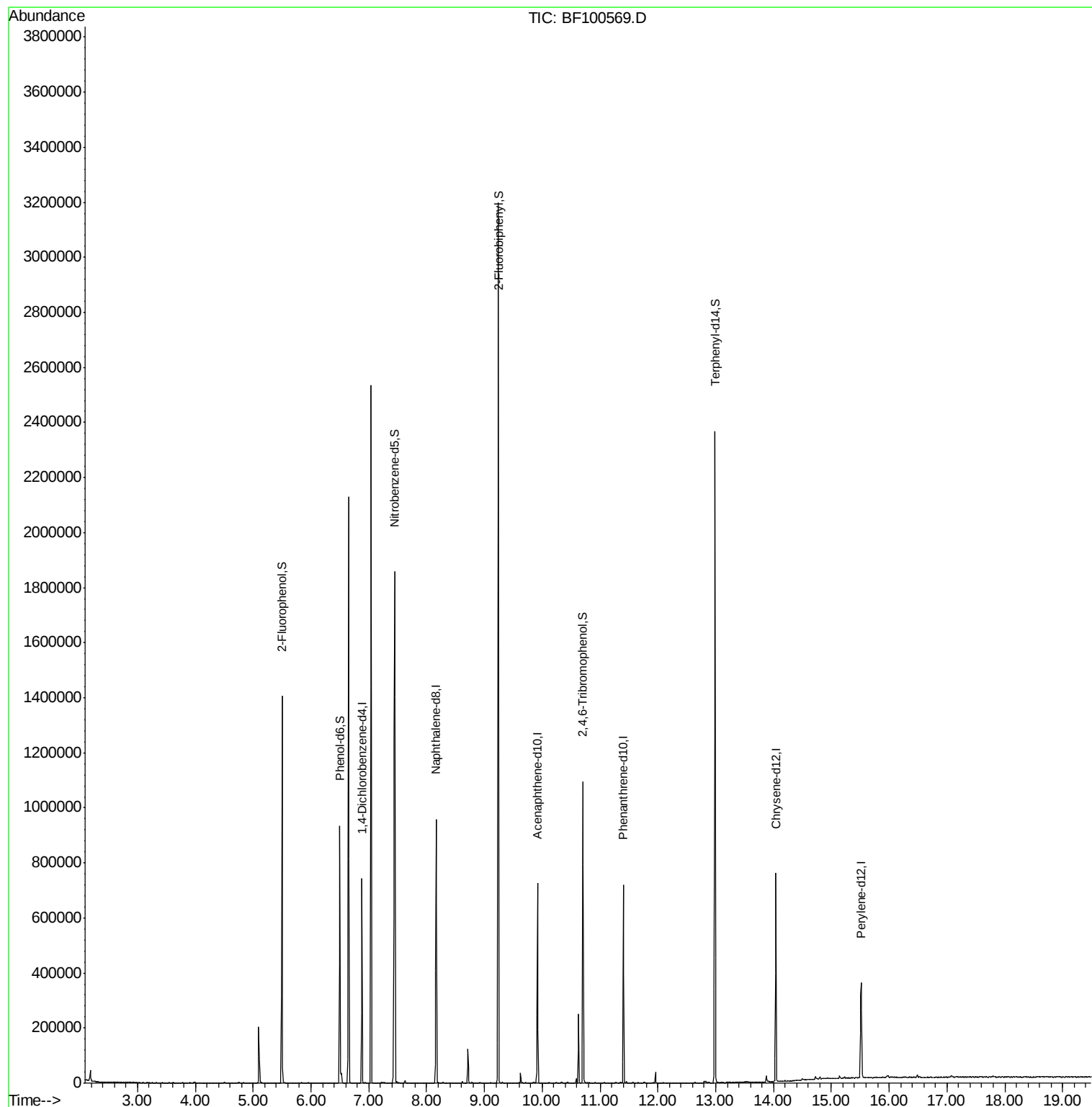
Target Compounds Qvalue

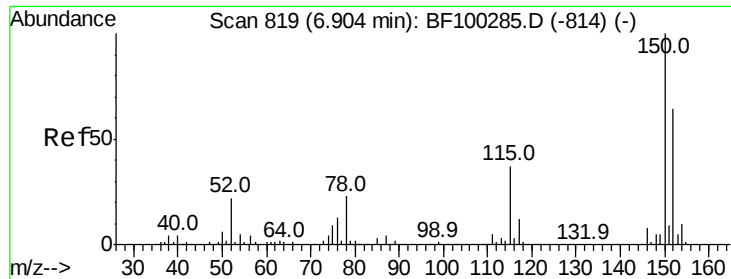
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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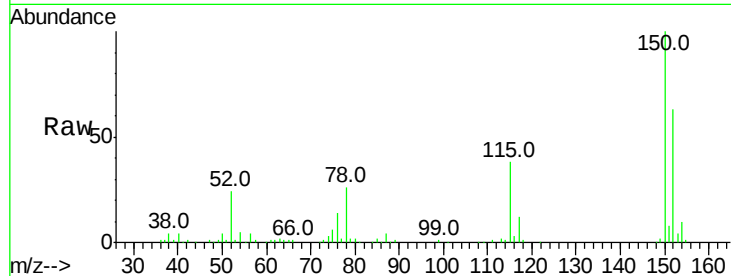


#1

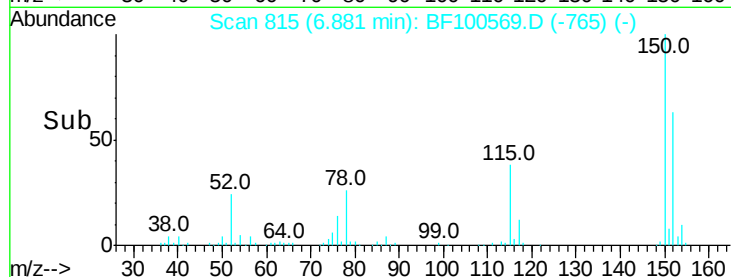
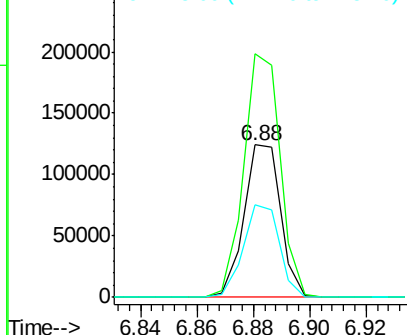
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100569.D
Acq: 15 Nov 2017 5:14

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-U-B

Tot Ion:152 Resp: 111728
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 61.1 50.1 75.1



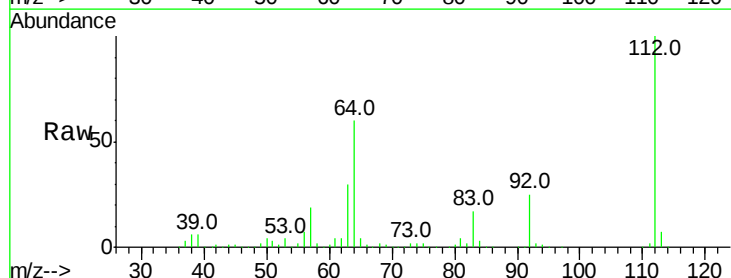
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



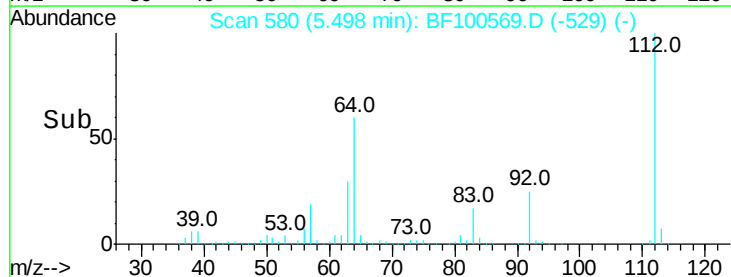
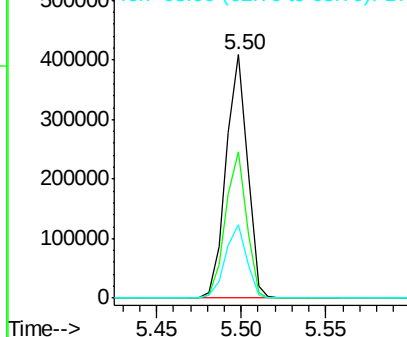
#5

2-Fluorophenol
Concen: 51.340 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF100569.D
Acq: 15 Nov 2017 5:14

Tgt Ion:112 Resp: 357842
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 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: 32.686 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100569.D

Acq: 15 Nov 2017 5:14

Instrument :

BNA_F

ClientSampleId :

110817-SIDI-F-U-B

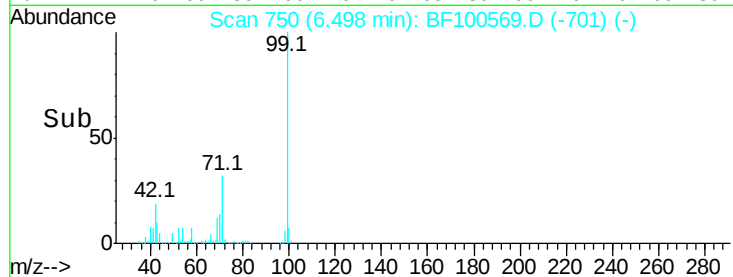
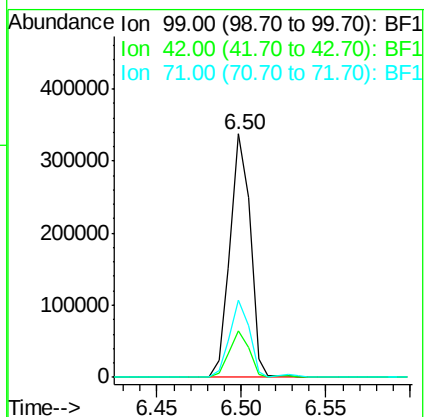
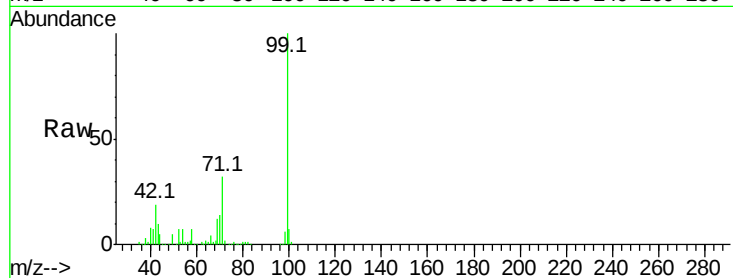
Tot Ion: 99 Resp: 280932

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100569.D

Acq: 15 Nov 2017 5:14

Tgt Ion: 136 Resp: 396745

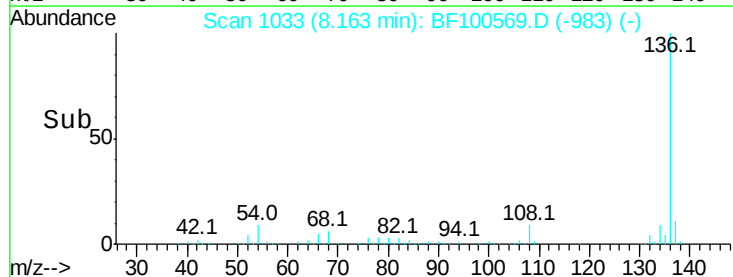
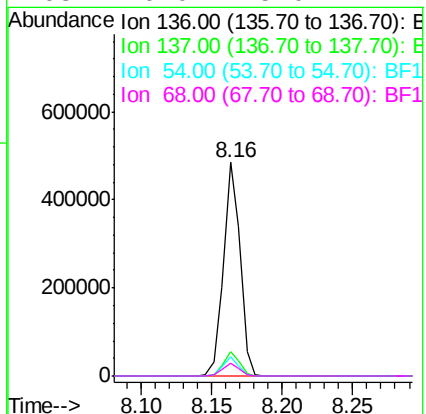
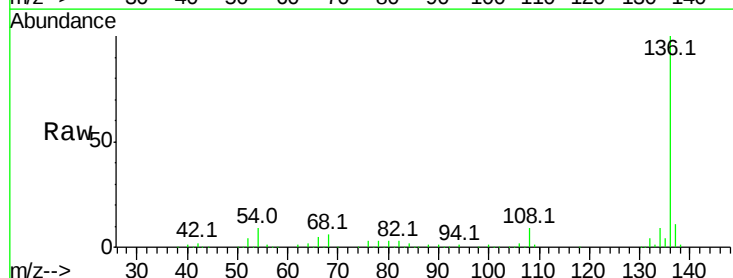
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.6 9.8

68 6.0 5.0 7.4

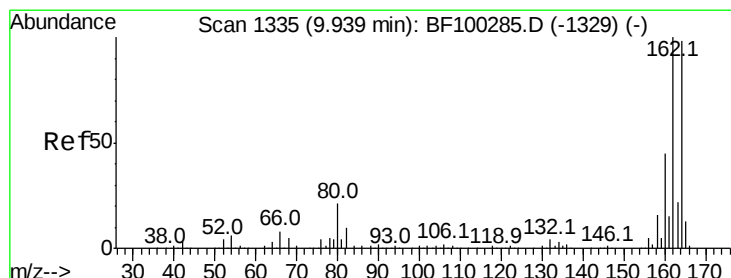
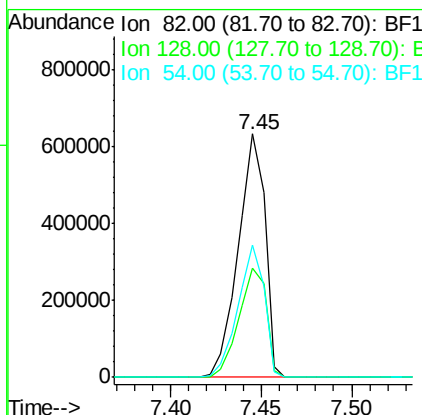
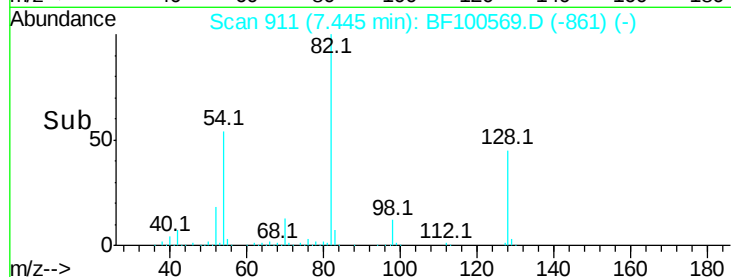
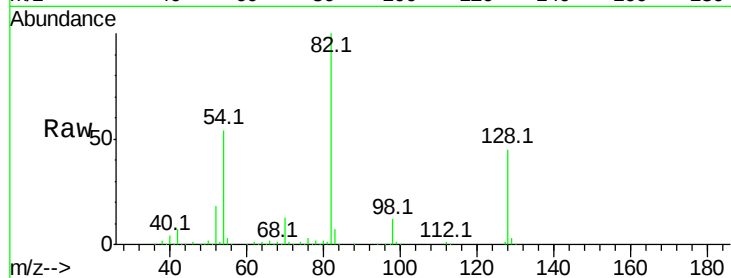




#23
 Nitrobenzene-d5
 Concen: 108.291 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100569.D
 Acq: 15 Nov 2017 5:14

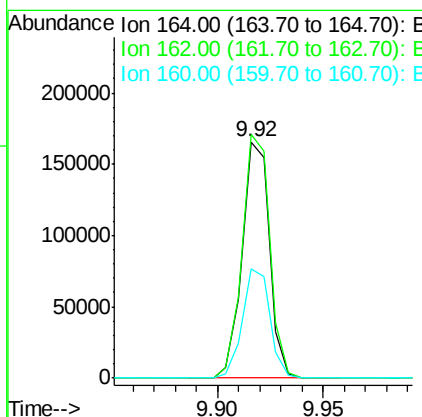
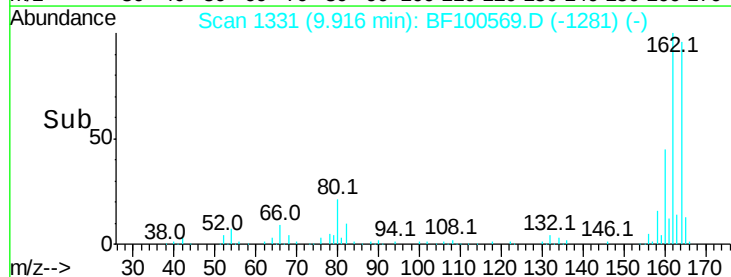
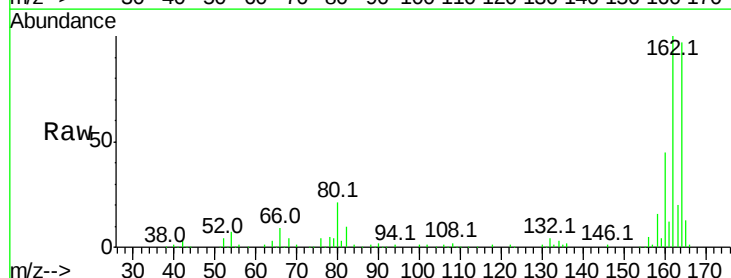
Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-U-B

Tot Ion: 82 Resp: 649853
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 54.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100569.D
 Acq: 15 Nov 2017 5:14

Tgt Ion: 164 Resp: 148139
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 46.2 38.3 57.5

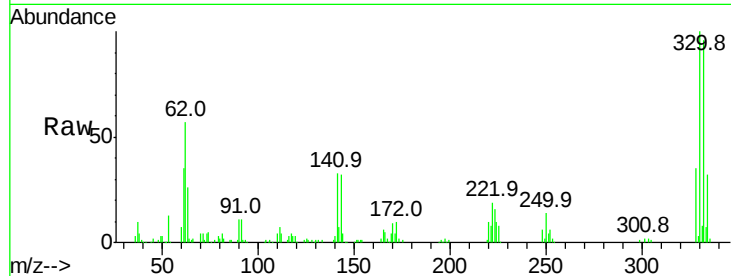




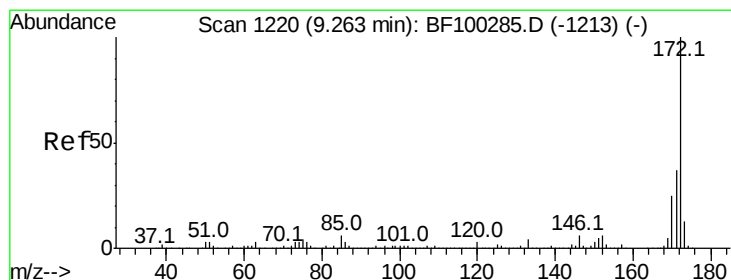
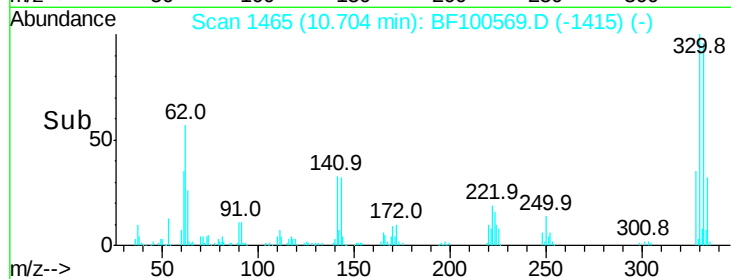
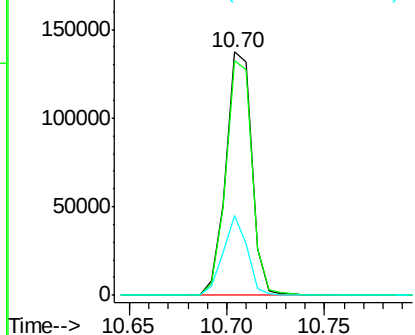
#41
 2,4,6-Tribromophenol
 Concen: 83.989 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100569.D
 Acq: 15 Nov 2017 5:14

Instrument :
 BNA_F
 ClientSampleId :
 110817-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.2	29.9	44.9

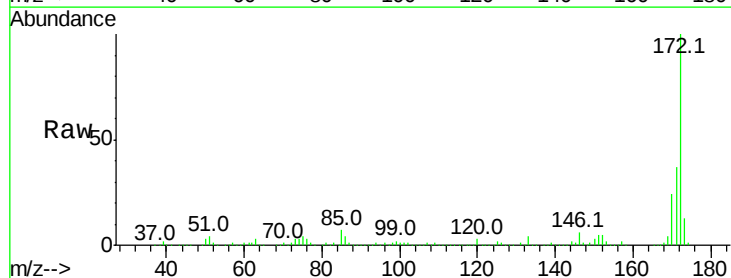


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

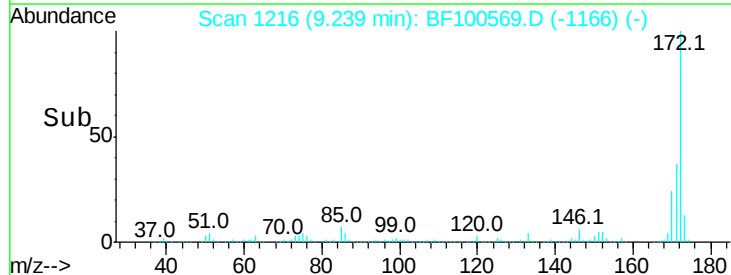
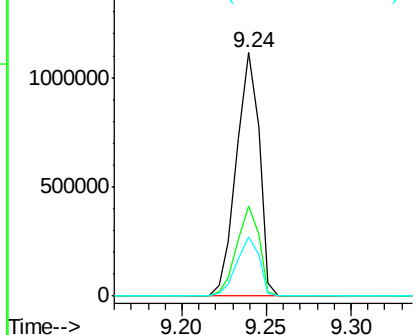


#44
 2-Fluorobiphenyl
 Concen: 108.101 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100569.D
 Acq: 15 Nov 2017 5:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	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

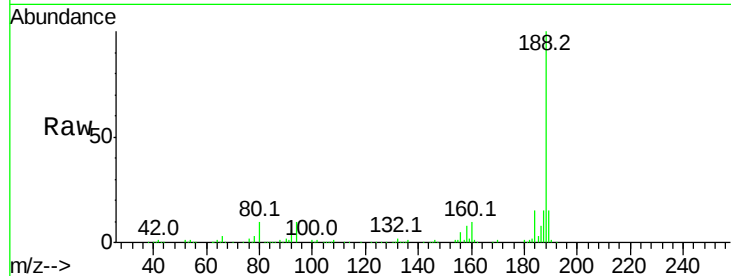




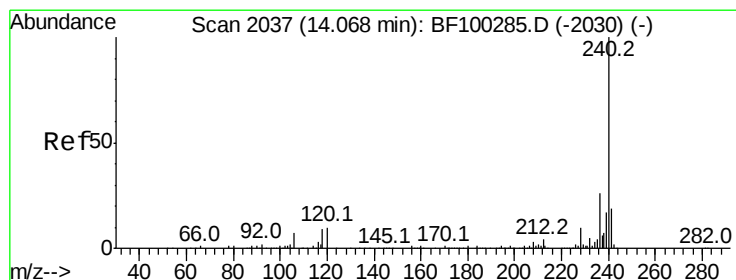
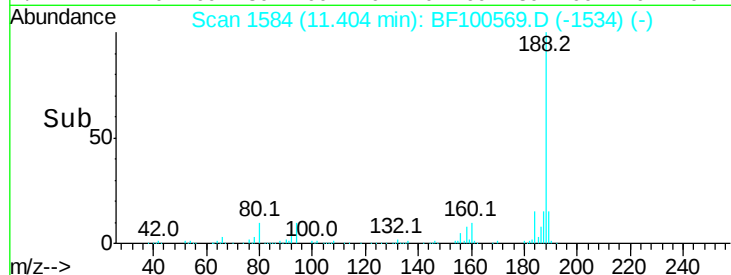
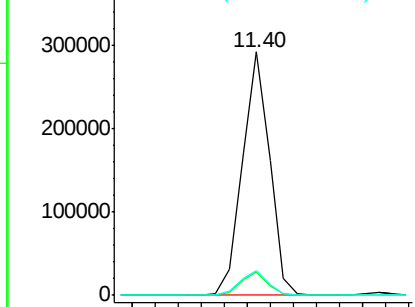
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100569.D
Acq: 15 Nov 2017 5:14

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-U-B

Tot Ion:188 Resp: 240820
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8

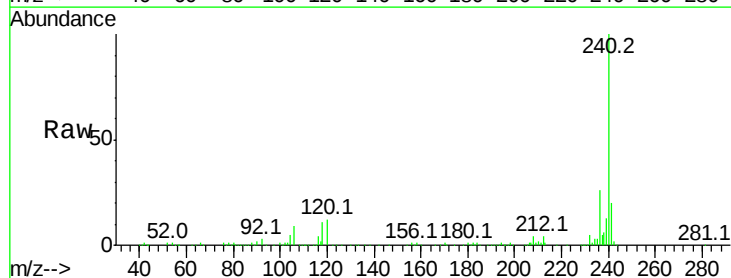


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

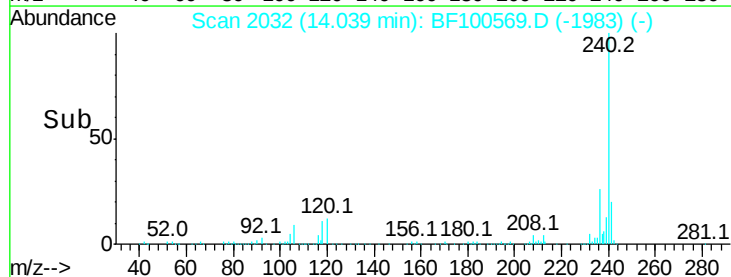
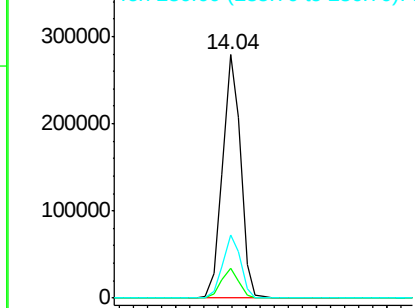


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100569.D
Acq: 15 Nov 2017 5:14

Tgt Ion:240 Resp: 249225
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.0 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: 74.942 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100569.D

Acq: 15 Nov 2017 5:14

Instrument :

BNA_F

ClientSampleId :

110817-SIDI-F-U-B

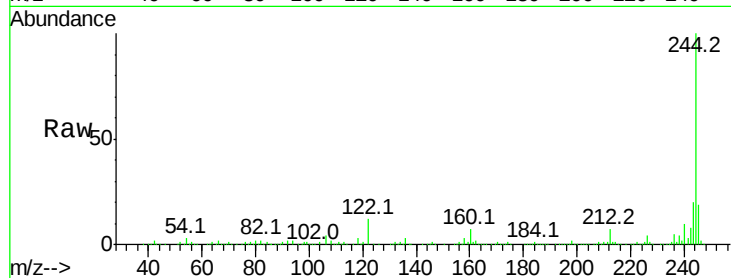
Tot Ion:244 Resp: 812871

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

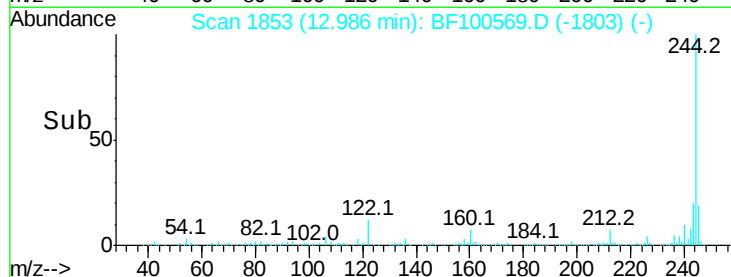
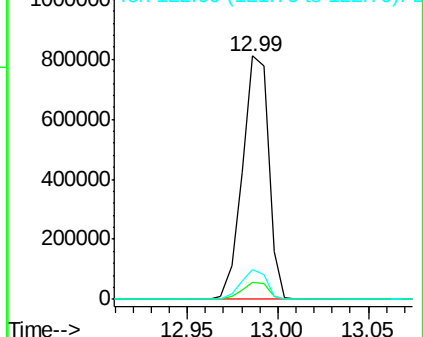
122 12.4 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100569.D

Acq: 15 Nov 2017 5:14

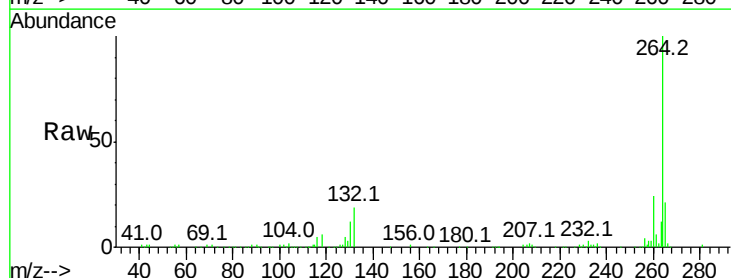
Tgt Ion:264 Resp: 166559

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 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

