

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100726.D
 Acq On : 20 Nov 2017 13:23
 Operator : SJ/JU
 Sample : I6309-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Quant Time: Nov 20 14:33:31 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	6.87	152	95560	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	376362	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	172676	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	310955	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	175768	20.00	ng	-0.02
86) Perylene-d12	15.50	264	205486	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	118852	19.94	ng	-0.01
7) Phenol-d6	6.49	99	143879	19.57	ng	-0.02
23) Nitrobenzene-d5	7.43	82	84912	14.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	25757	14.64	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	176043	15.52	ng	-0.02
78) Terphenyl-d14	12.97	244	125014	16.34	ng	-0.01

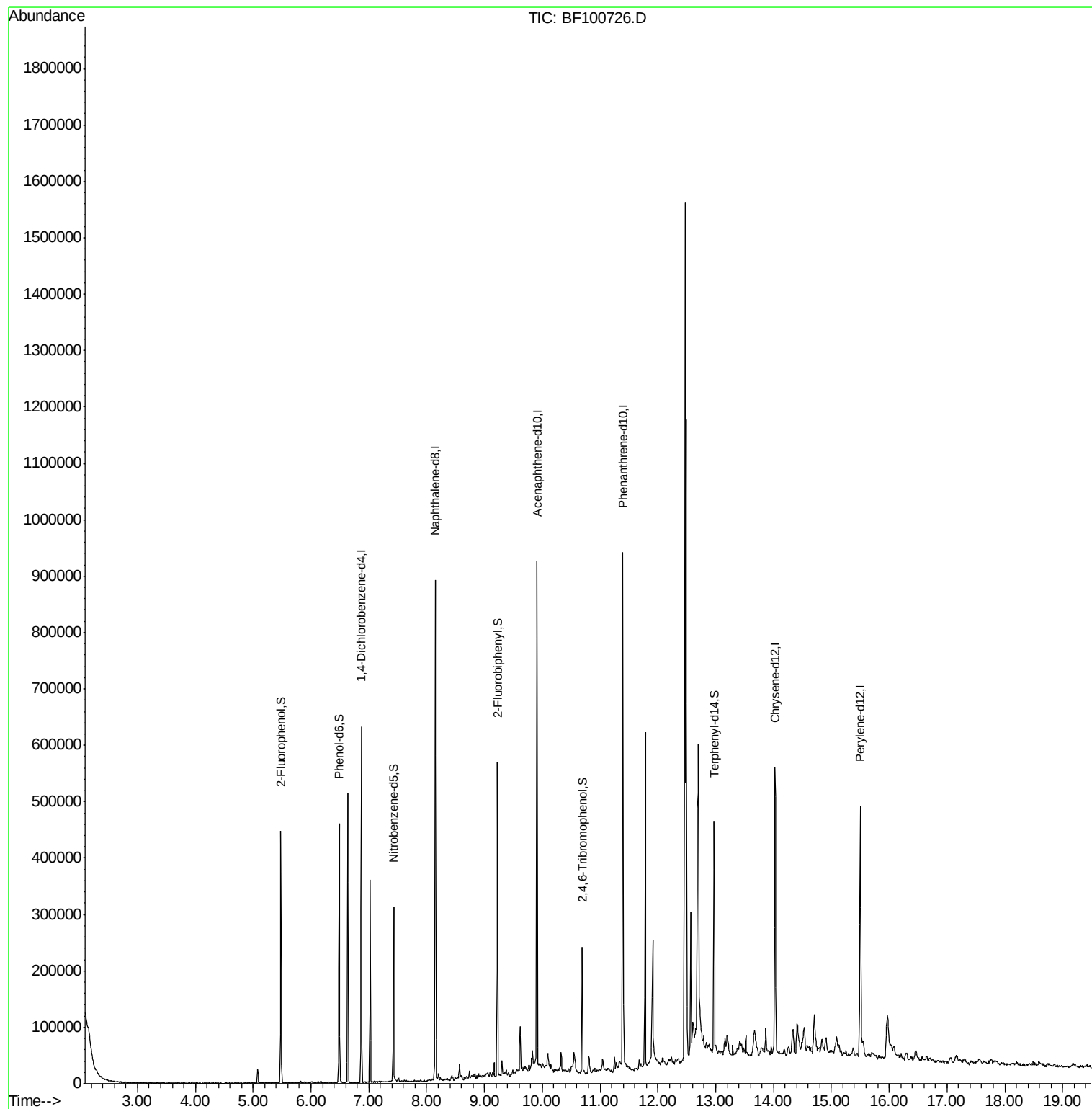
Target Compounds Qvalue

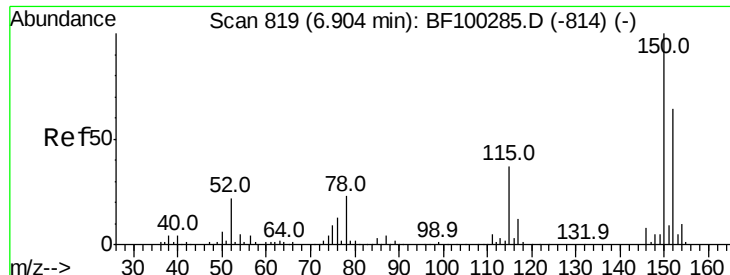
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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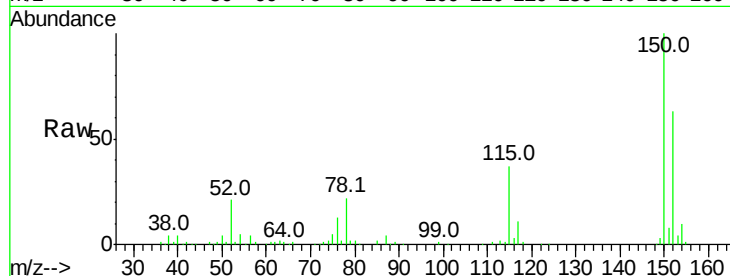


#1

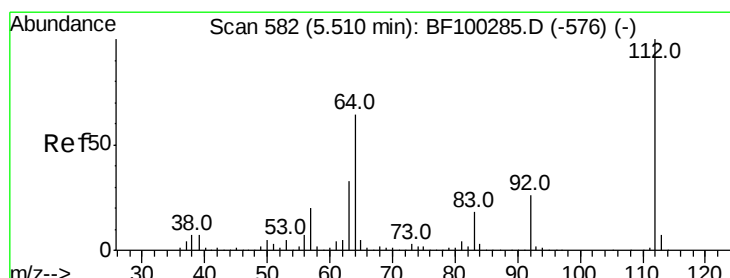
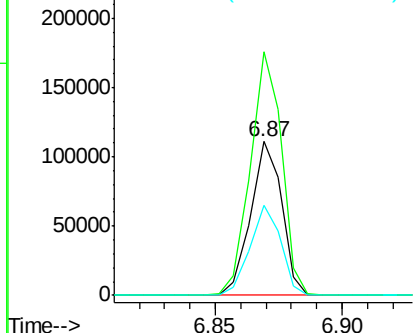
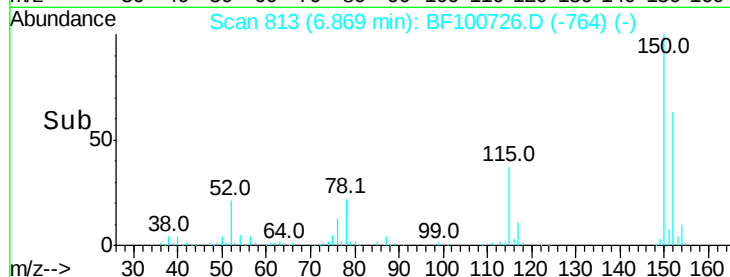
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100726.D
 Acq: 20 Nov 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Tot Ion:152 Resp: 95560
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 58.6 50.1 75.1



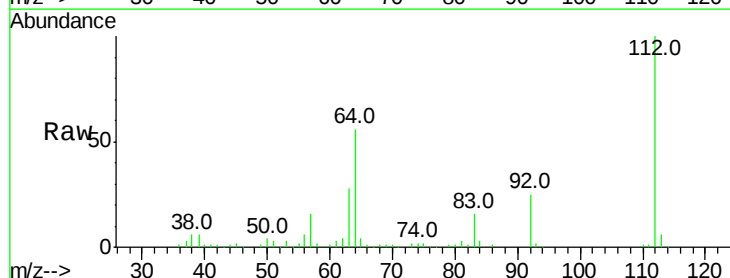
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



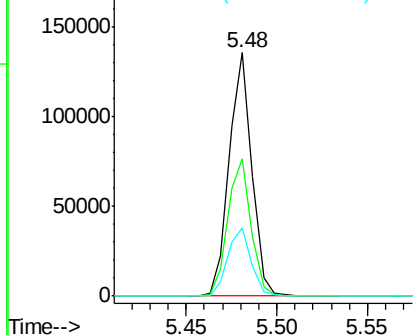
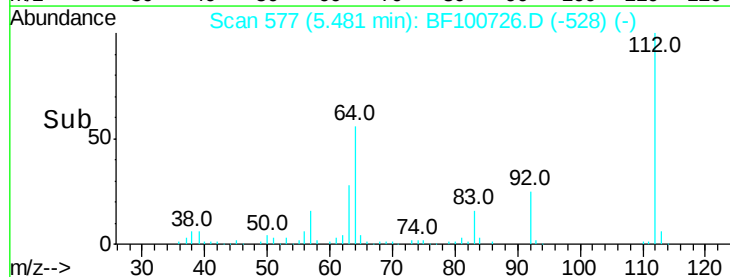
#5

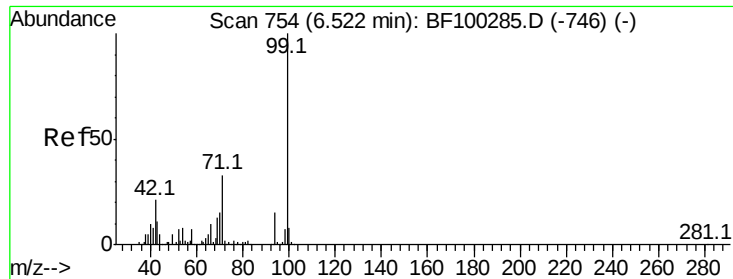
2-Fluorophenol
 Concen: 19.937 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF100726.D
 Acq: 20 Nov 2017 13:23

Tgt Ion:112 Resp: 118852
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 28.1 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: 19.572 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

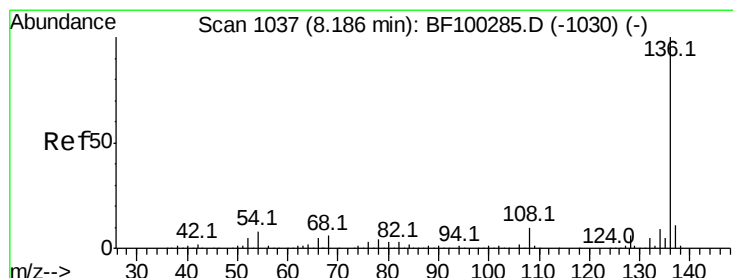
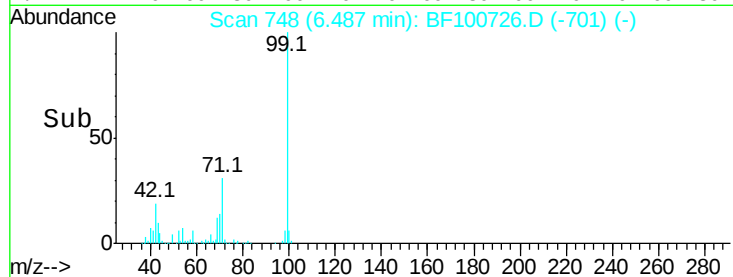
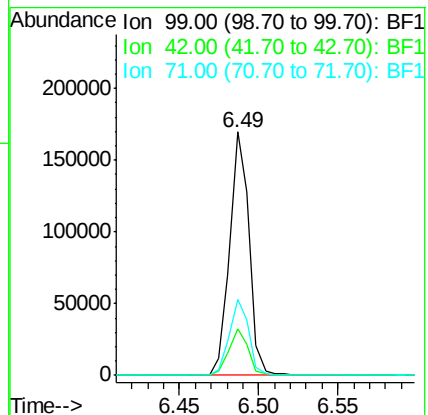
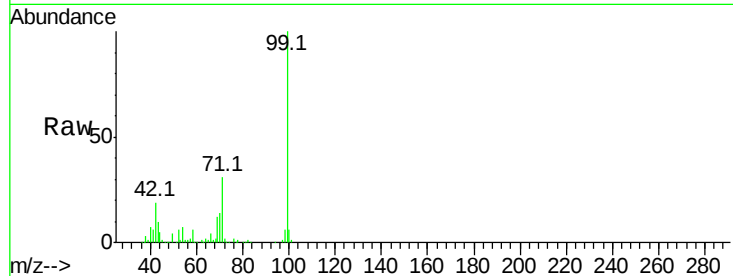
Tot Ion: 99 Resp: 143879

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 31.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Tgt Ion: 136 Resp: 376362

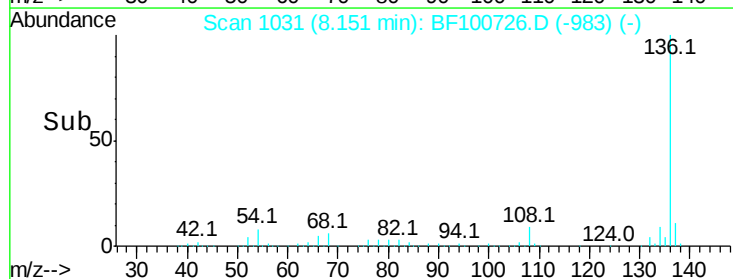
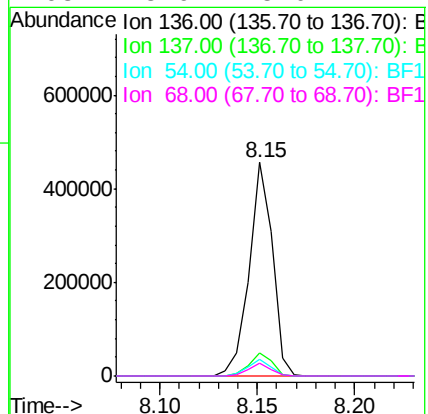
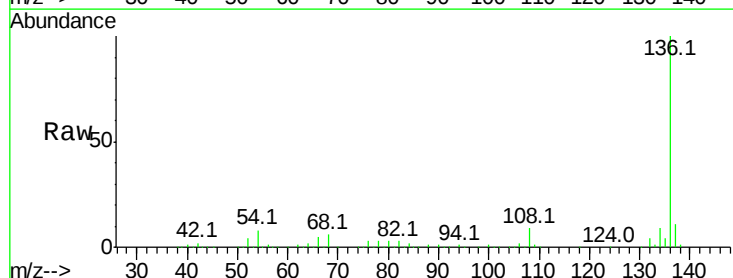
Ion Ratio Lower Upper

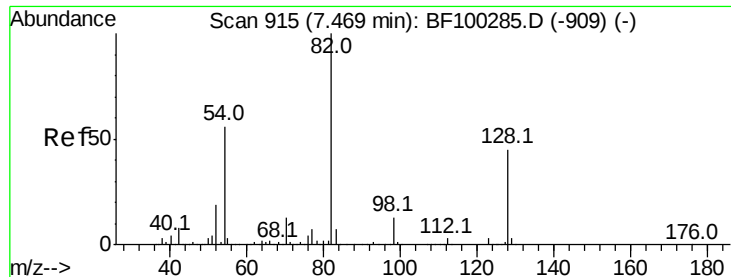
136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 14.916 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

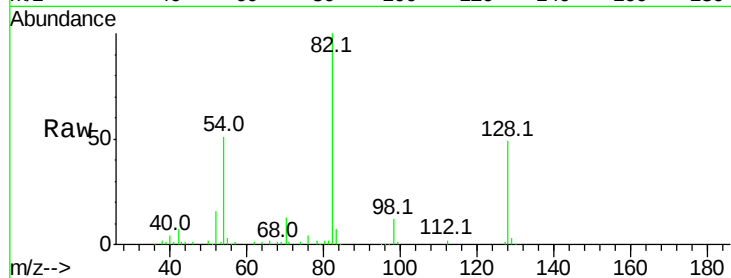
Tot Ion: 82 Resp: 84912

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

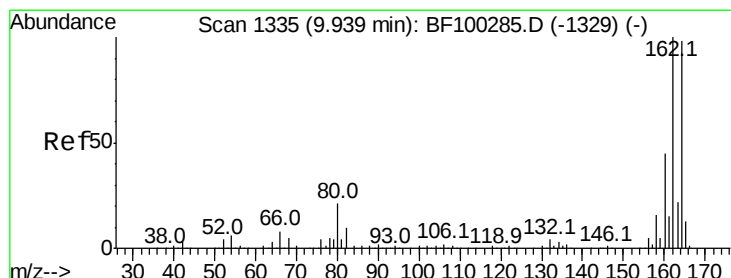
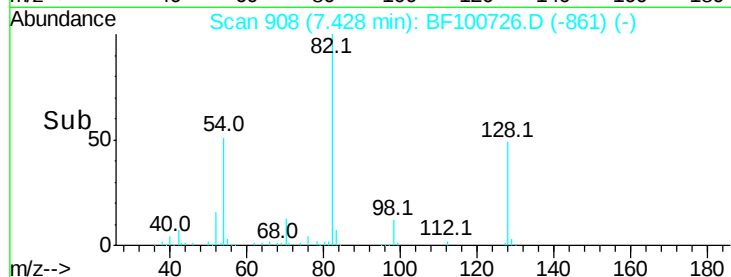
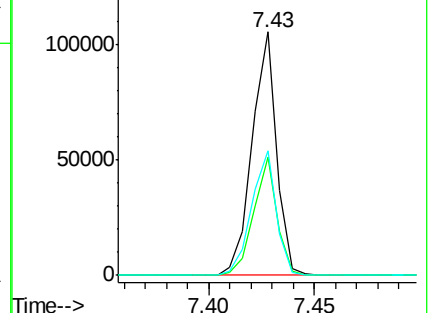
54 51.4 41.4 62.2



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

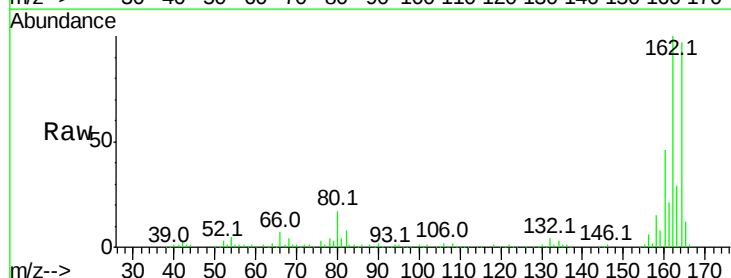
Tgt Ion:164 Resp: 172676

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

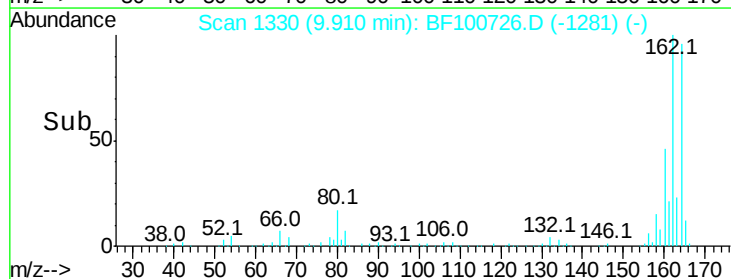
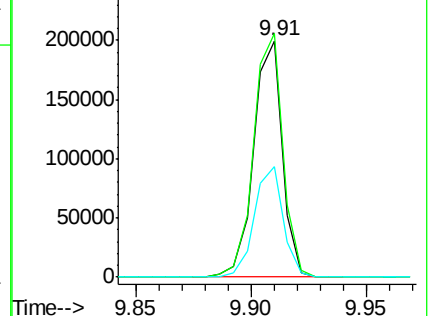
160 47.0 38.3 57.5

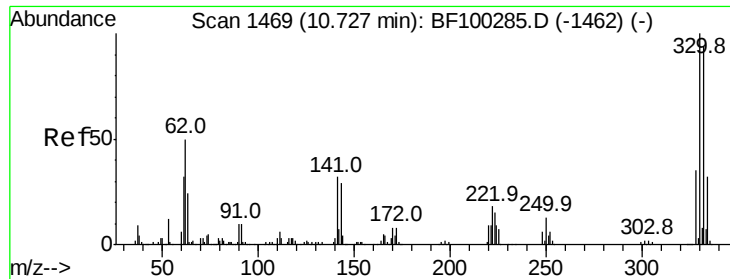


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

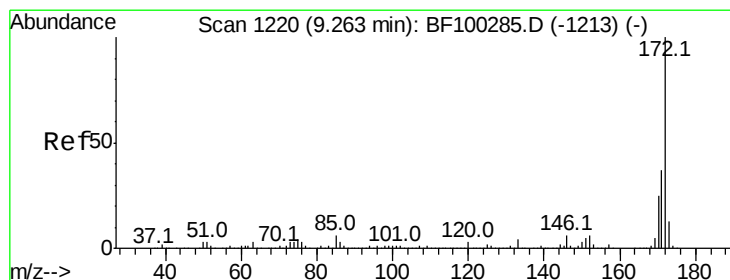
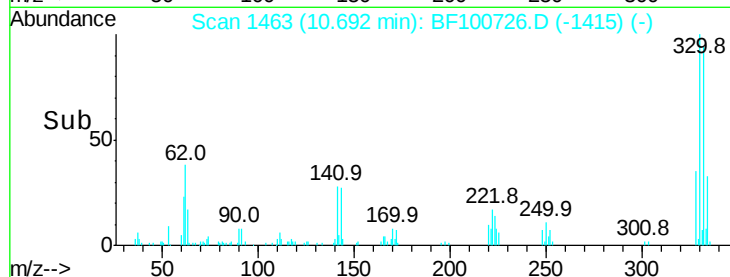
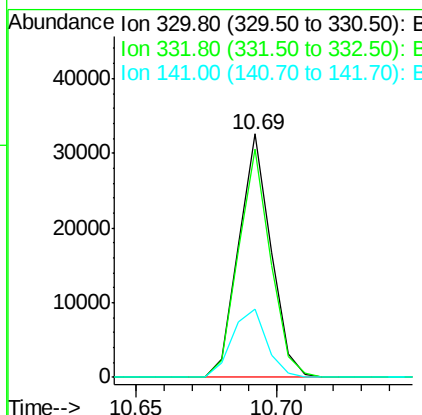
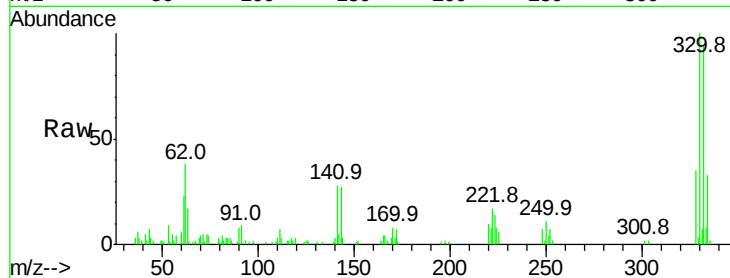




#41
 2,4,6-Tribromophenol
 Concen: 14.638 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100726.D
 Acq: 20 Nov 2017 13:23

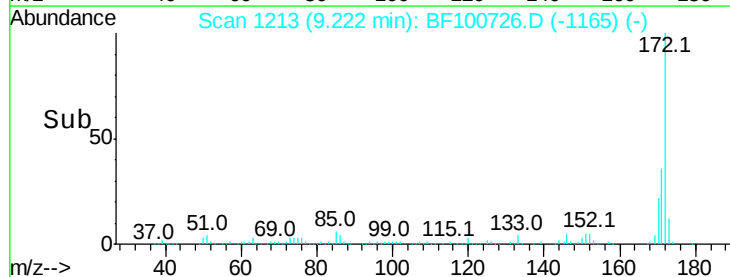
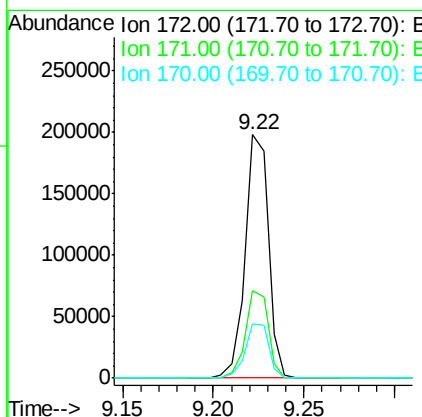
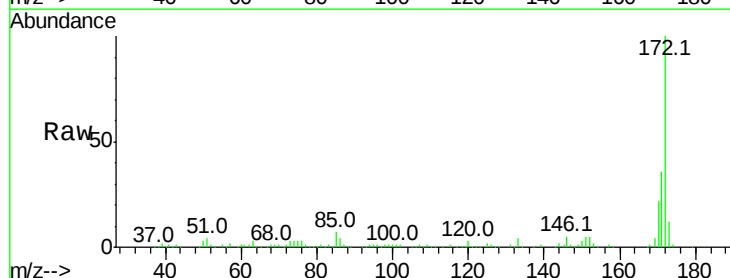
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

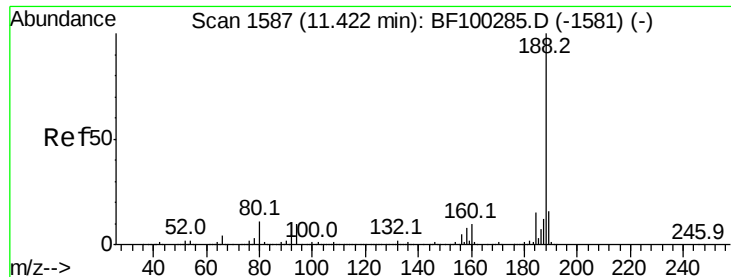
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	30.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 15.524 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100726.D
 Acq: 20 Nov 2017 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.5	19.6	29.4

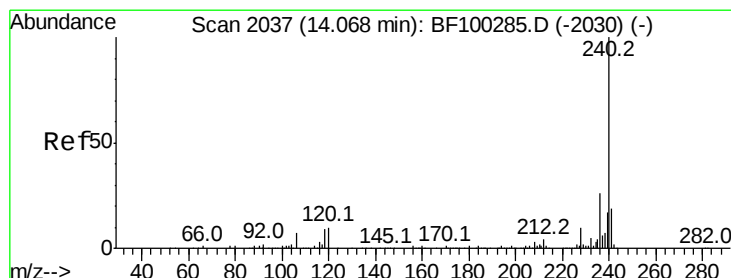
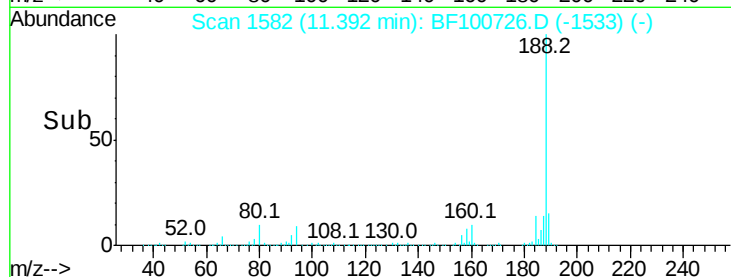
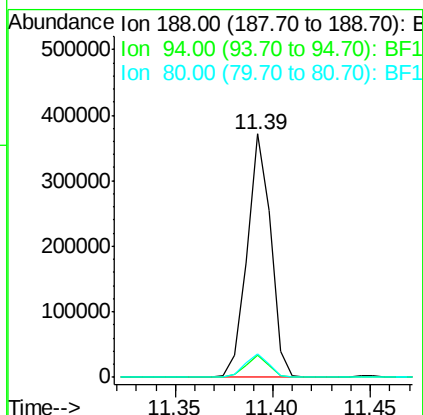
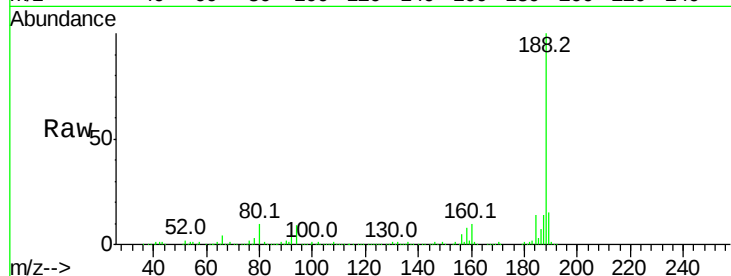




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

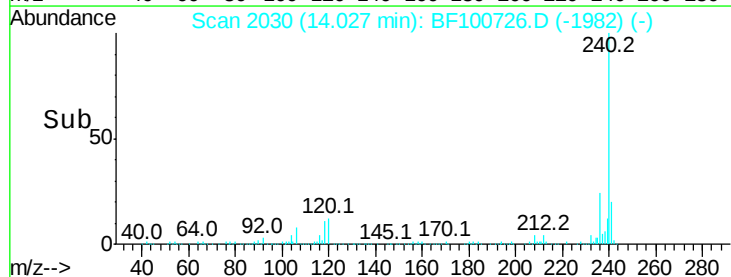
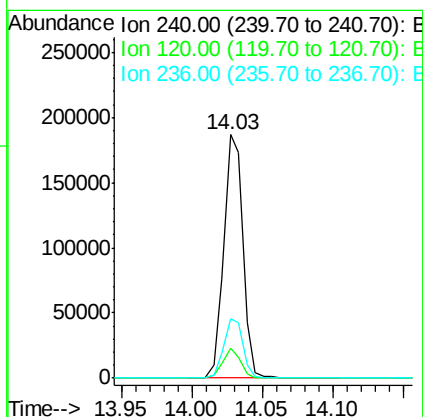
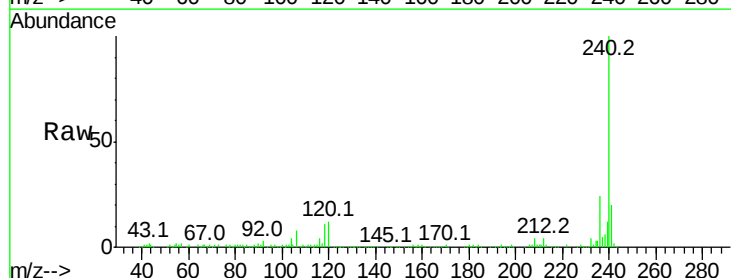
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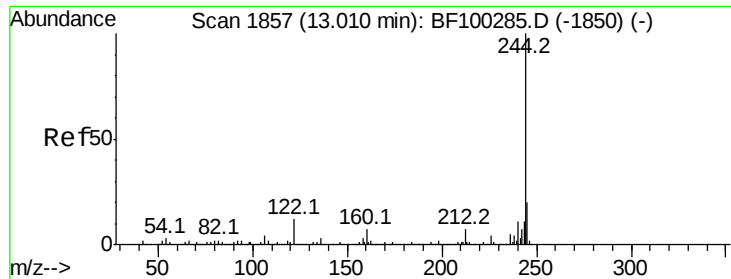
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	24.3	20.7	31.1





#78

Terphenyl-d14

Concen: 16.342 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

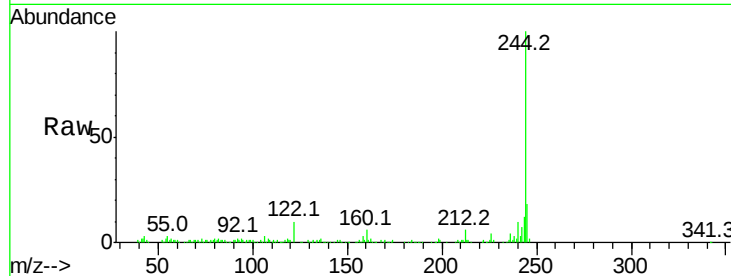
Tot Ion:244 Resp: 125014

Ion Ratio Lower Upper

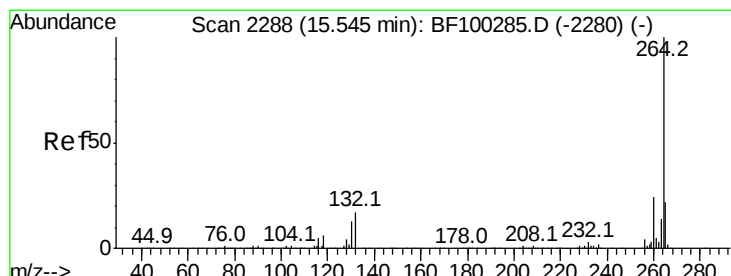
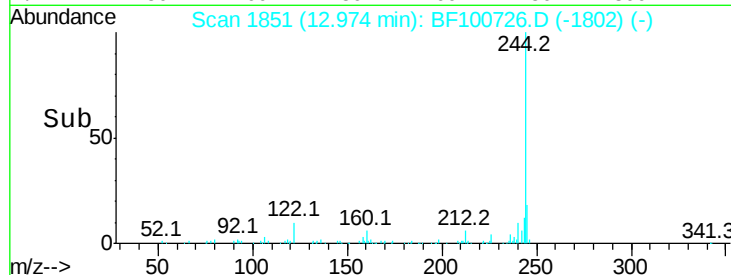
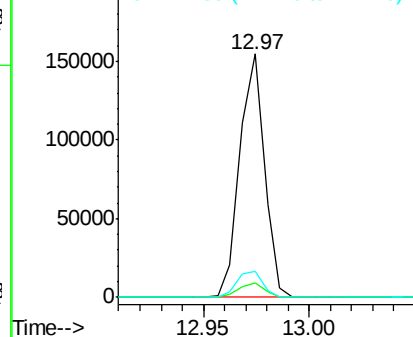
244 100

212 6.2 5.4 8.0

122 10.5 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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

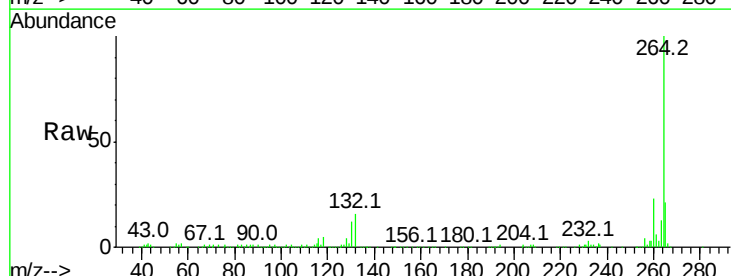
Tgt Ion:264 Resp: 205486

Ion Ratio Lower Upper

264 100

260 23.2 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

