

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100966.D
 Acq On : 29 Nov 2017 6:38
 Operator : SJ/JU
 Sample : I6603-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112217-JETT-F-U-S

Quant Time: Nov 29 09:52:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62734	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	231337	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	102707	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	175404	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129876	20.00	ng	0.00
86) Perylene-d12	15.49	264	117799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	218353	55.79	ng	0.00
7) Phenol-d6	6.48	99	172653	35.78	ng	-0.01
23) Nitrobenzene-d5	7.42	82	356891	102.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	97858	93.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	727099	107.80	ng	0.00
78) Terphenyl-d14	12.97	244	531917	94.10	ng	0.00

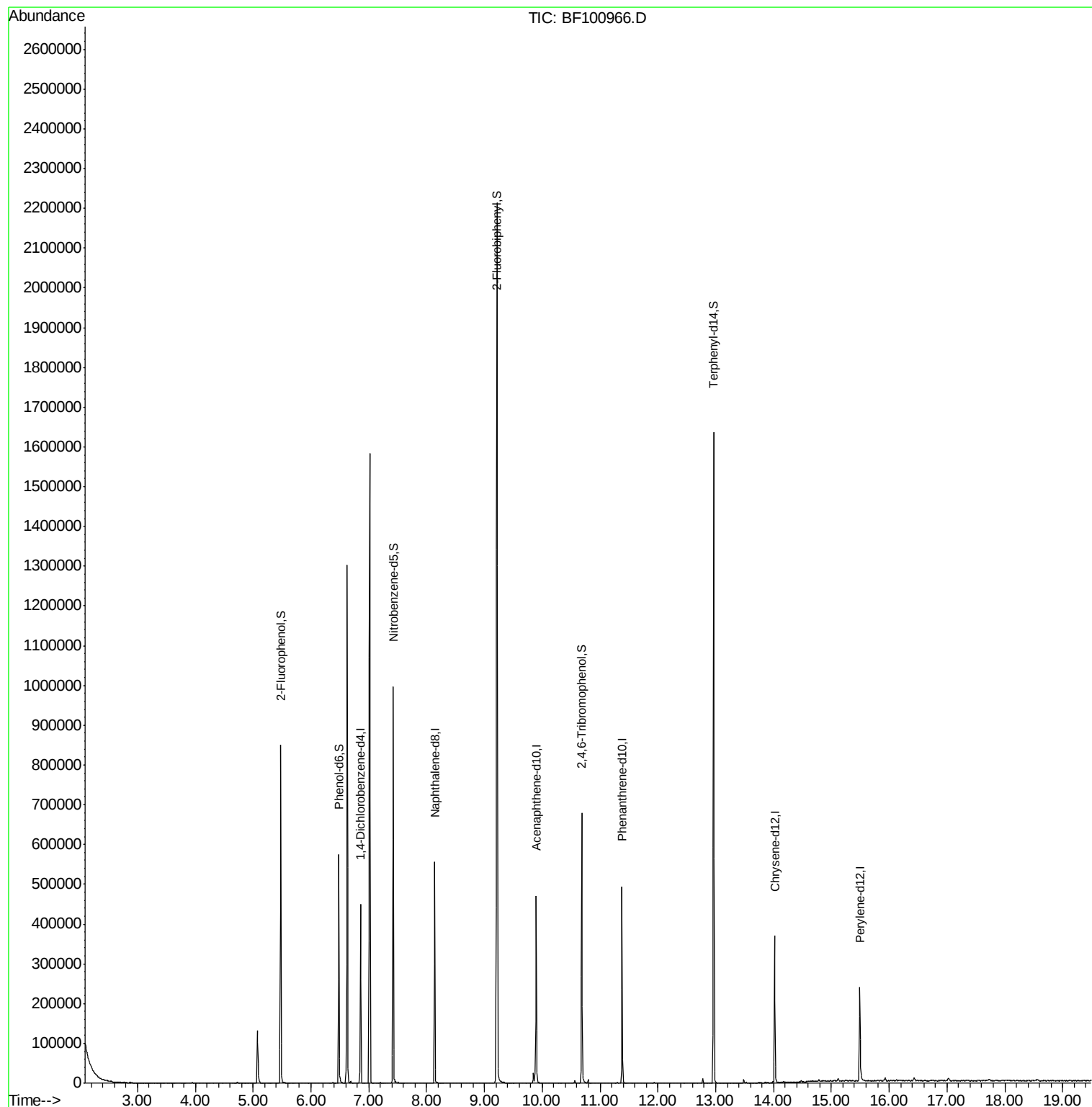
Target Compounds Qvalue

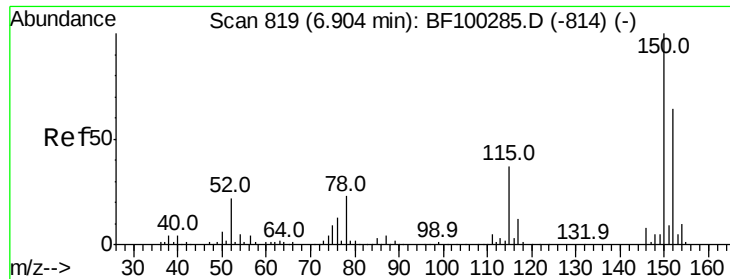
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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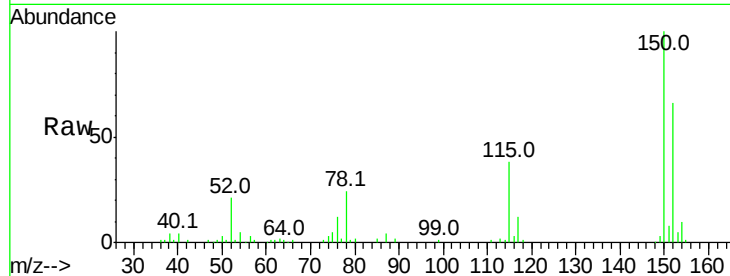


#1

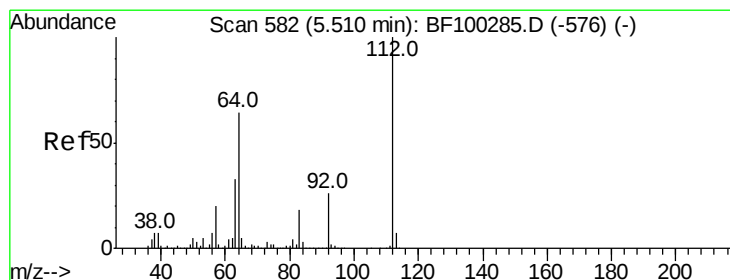
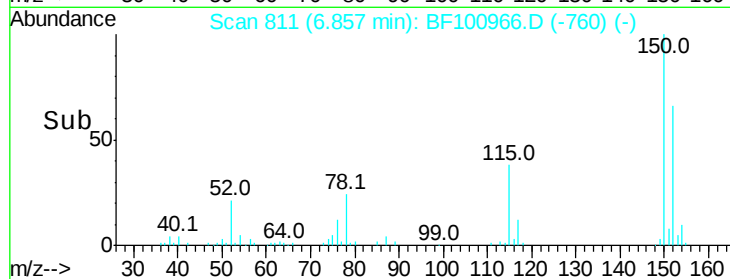
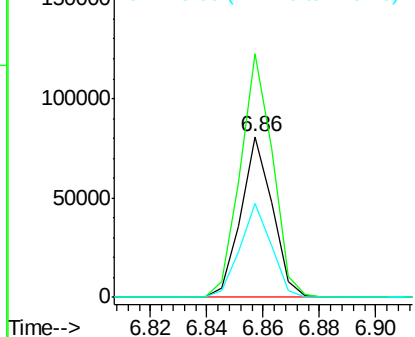
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 112217-JETT-F-U-S

Tot Ion:152 Resp: 62734
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.6 186.8
 115 58.0 50.1 75.1



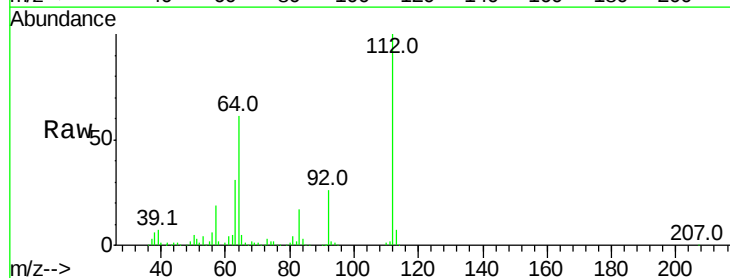
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



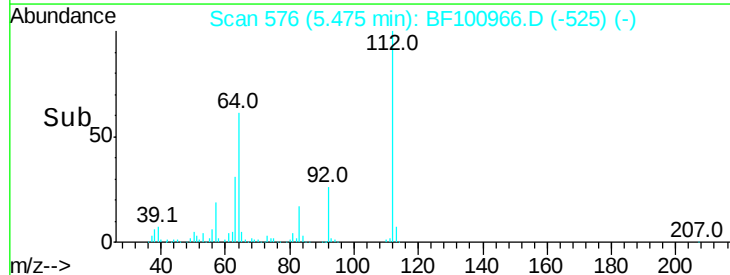
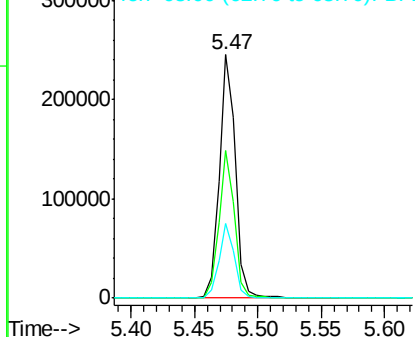
#5

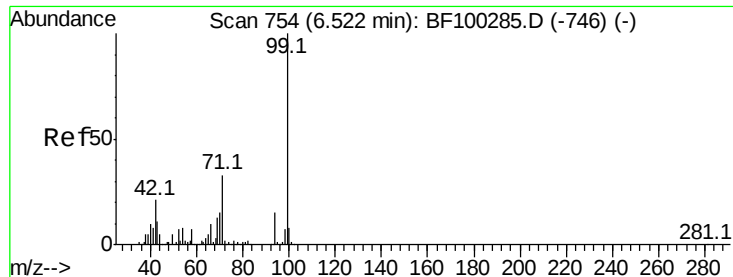
2-Fluorophenol
 Concen: 55.794 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion:112 Resp: 218353
 Ion Ratio Lower Upper
 112 100
 64 60.6 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: 35.776 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Instrument :

BNA_F

ClientSampleId :

112217-JETT-F-U-S

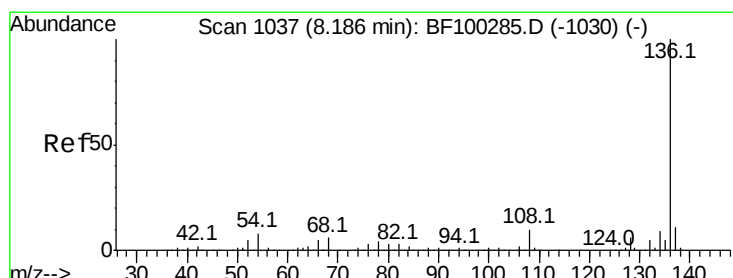
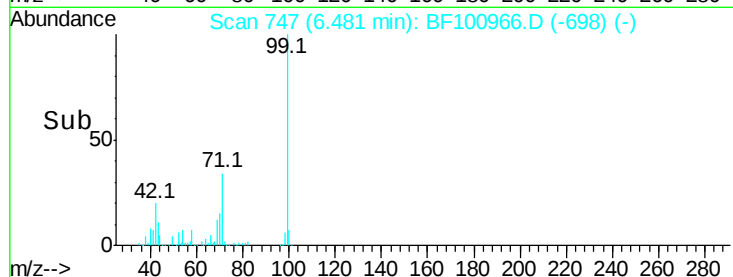
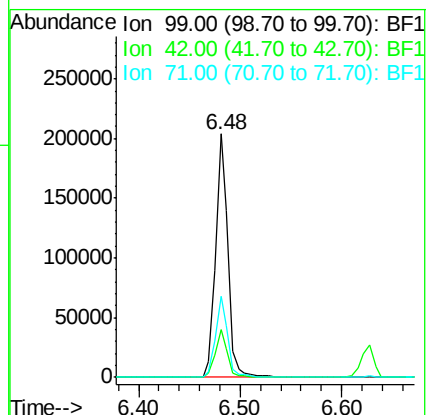
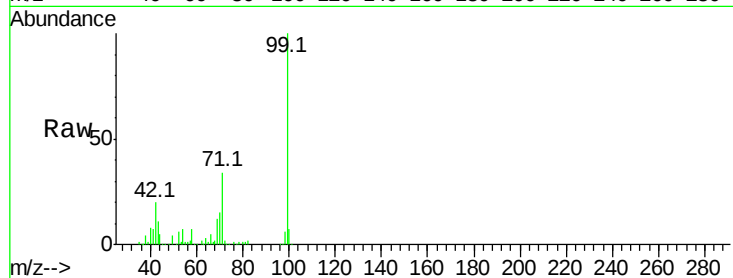
Tot Ion: 99 Resp: 172653

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Tgt Ion: 136 Resp: 231337

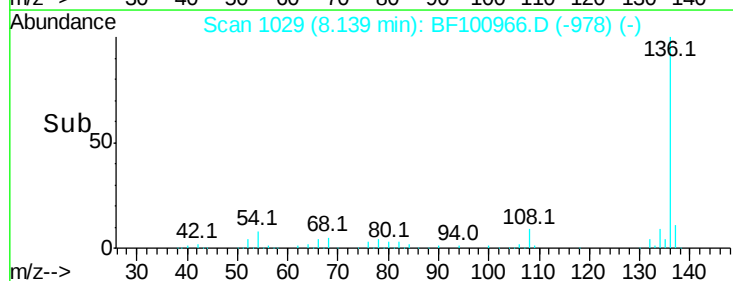
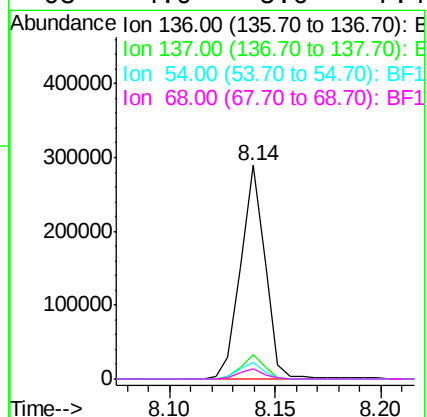
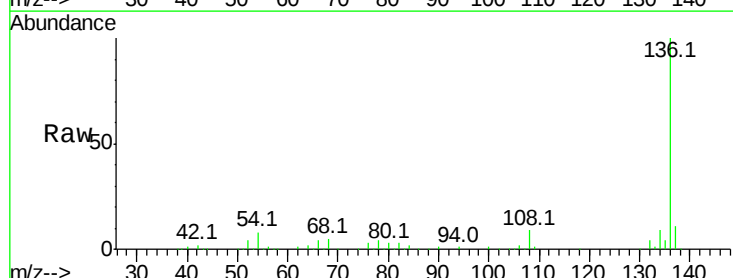
Ion Ratio Lower Upper

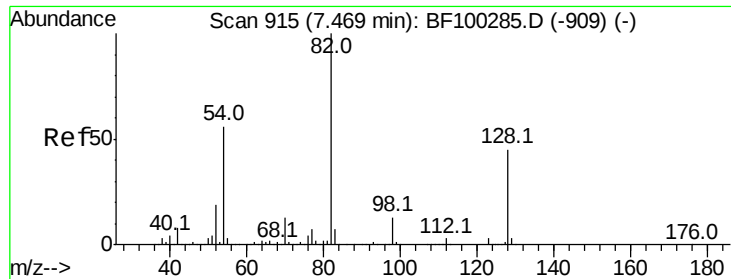
136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 4.9 5.0 7.4#

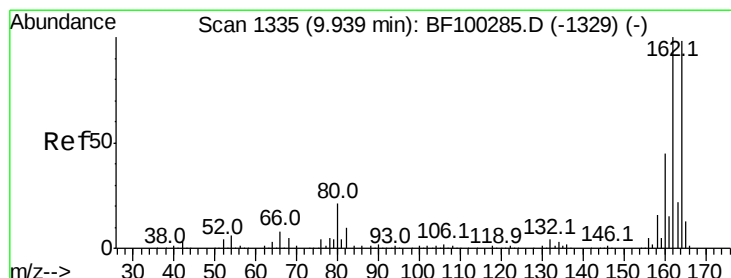
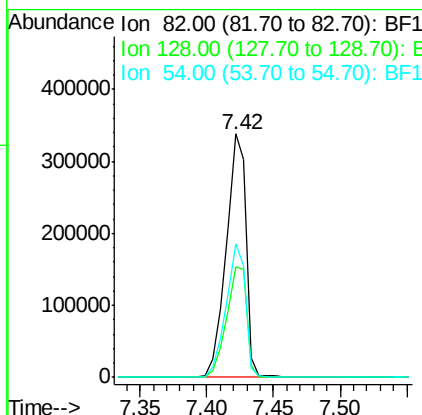
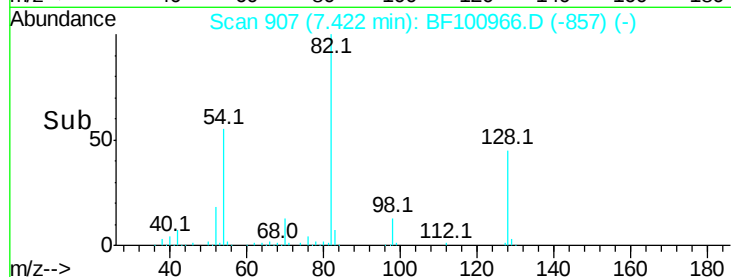
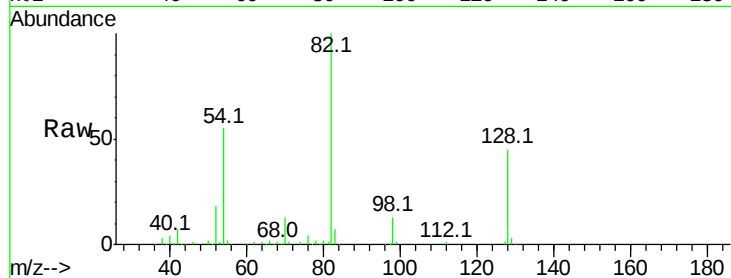




#23
Nitrobenzene-d5
Concen: 101.995 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

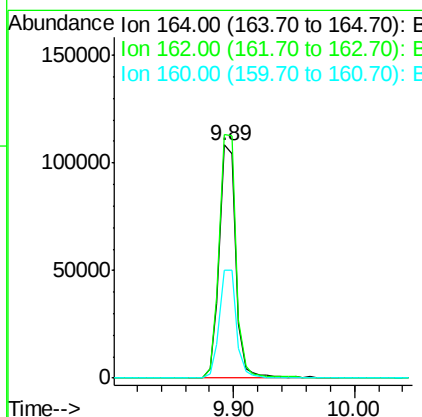
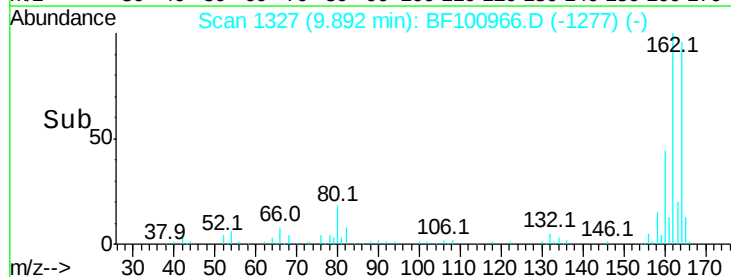
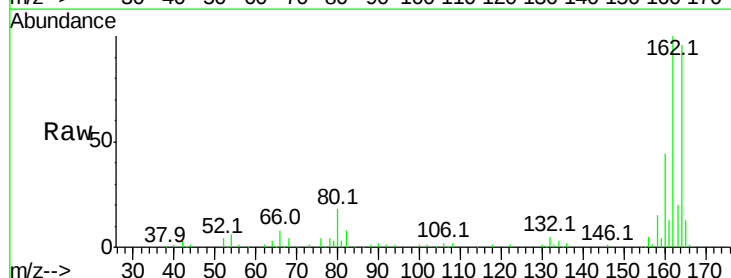
Instrument :
BNA_F
ClientSampleId :
112217-JETT-F-U-S

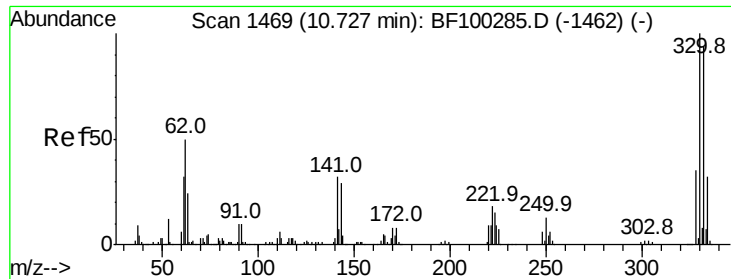
Tot Ion: 82 Resp: 356891
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 55.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Tgt Ion:164 Resp: 102707
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.3 38.3 57.5

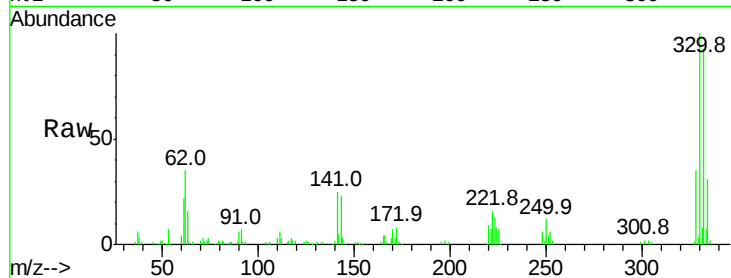




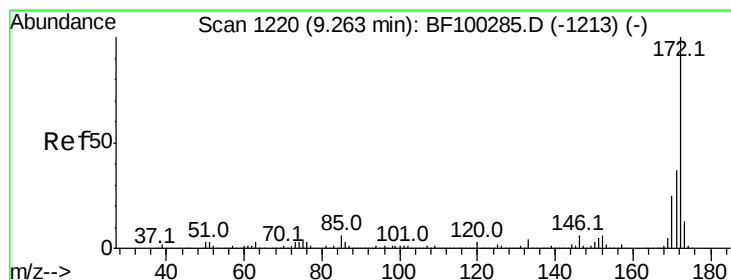
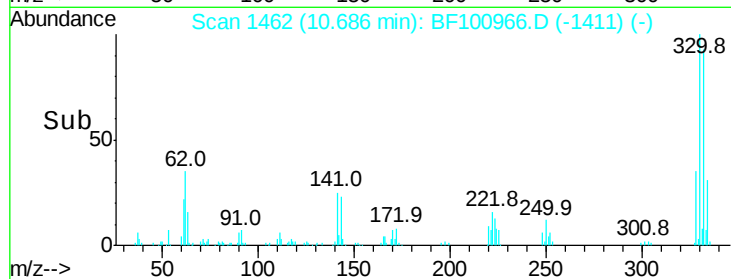
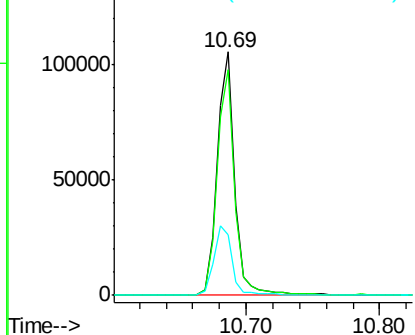
#41
 2,4,6-Tribromophenol
 Concen: 93.502 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 112217-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	29.8	29.9	44.9#

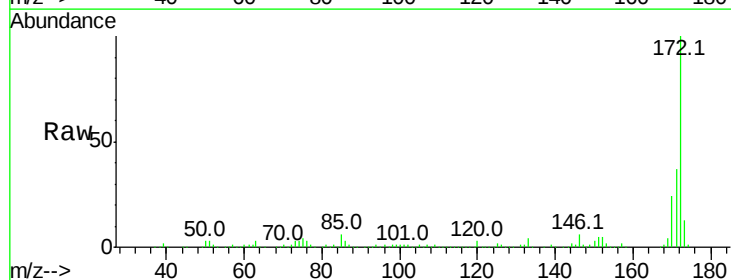


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

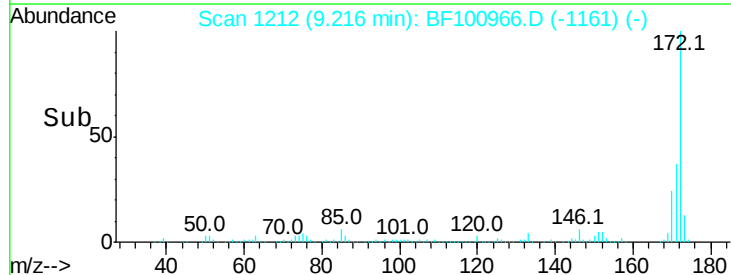
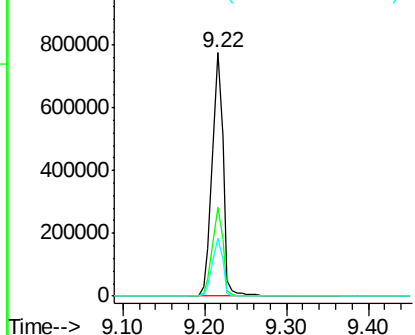


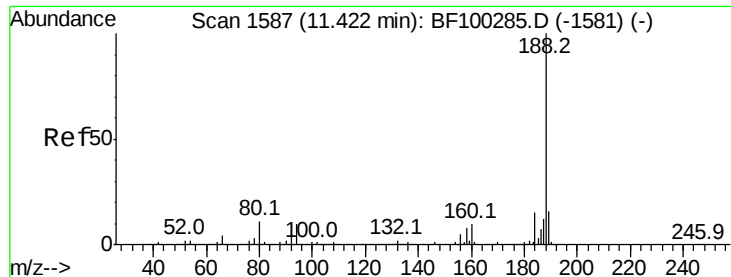
#44
 2-Fluorobiphenyl
 Concen: 107.798 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	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

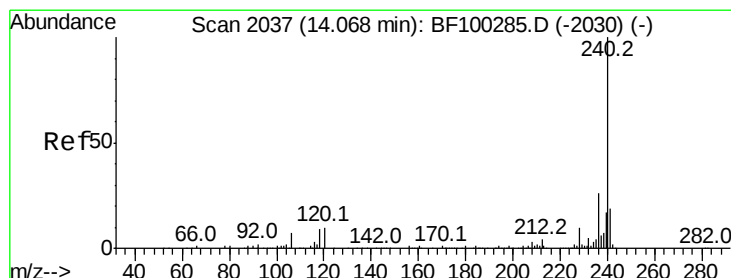
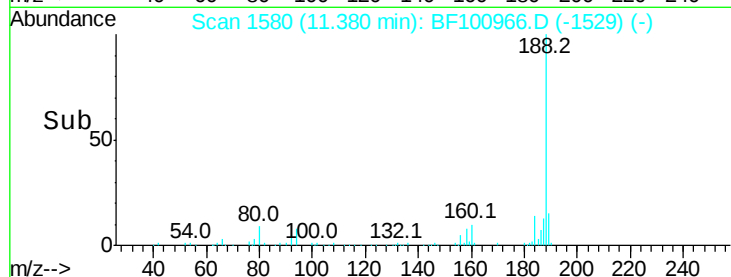
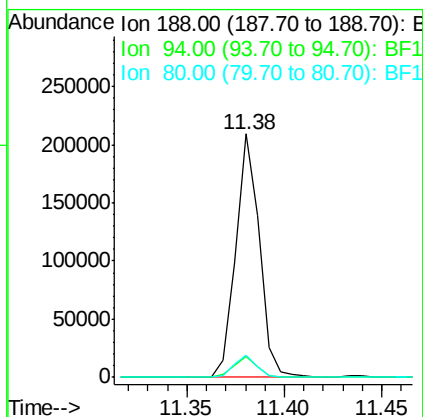
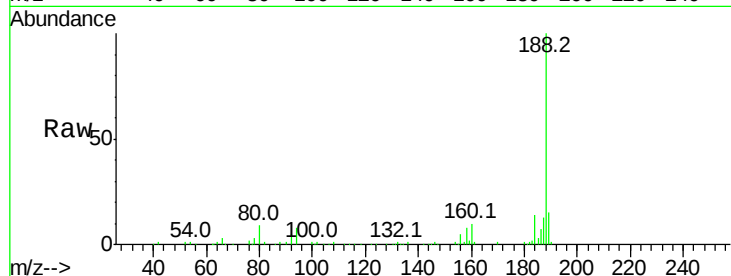




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

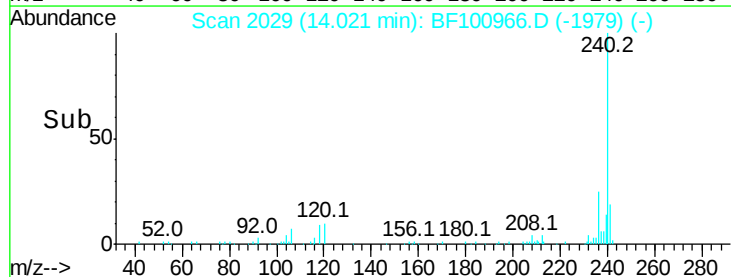
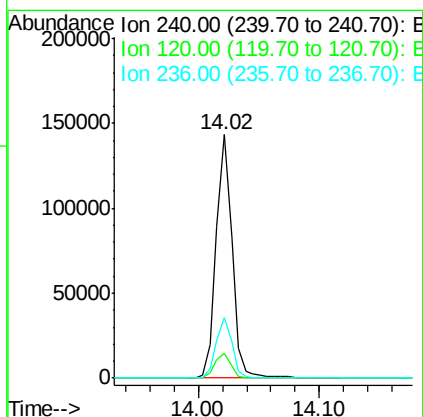
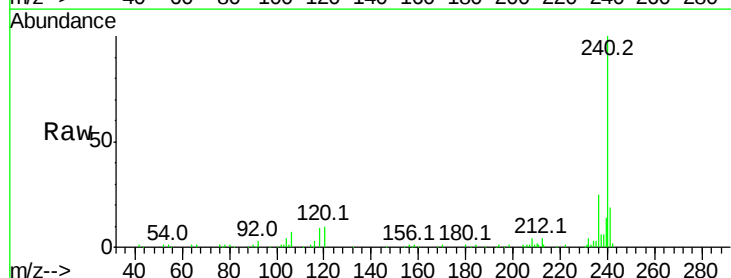
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BNA_F
ClientSampleId :
112217-JETT-F-U-S

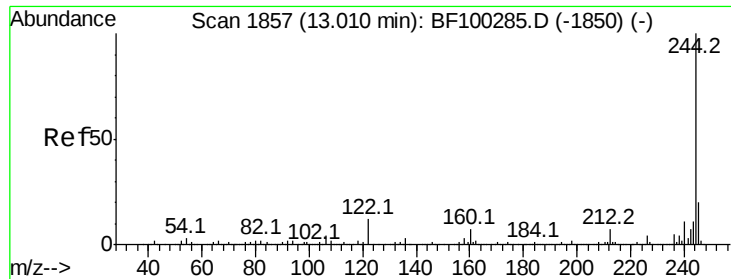
Tot Ion:188 Resp: 175404
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Tgt Ion:240 Resp: 129876
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 94.104 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Instrument :

BNA_F

ClientSampleId :

112217-JETT-F-U-S

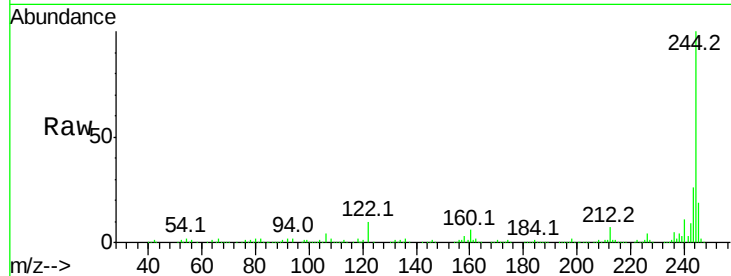
Tot Ion:244 Resp: 531917

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

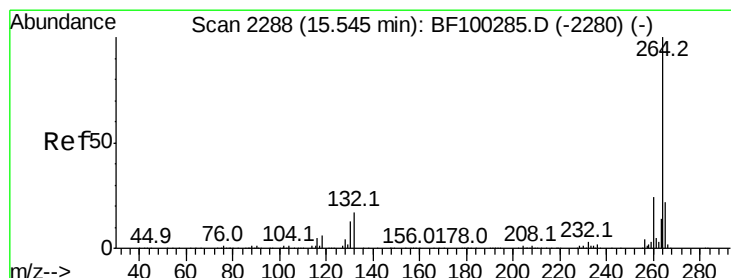
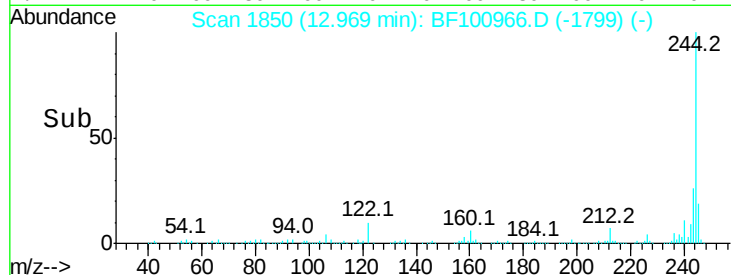
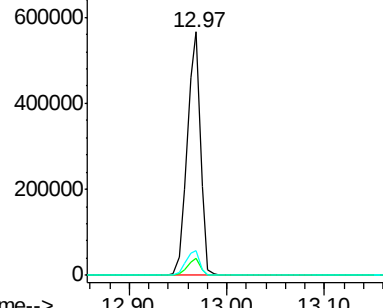
122 10.2 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

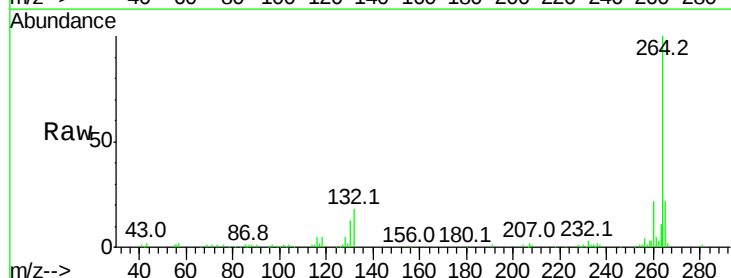
Tgt Ion:264 Resp: 117799

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 22.0 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

