

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100963.D
 Acq On : 29 Nov 2017 5:18
 Operator : SJ/JU
 Sample : I6603-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112217-JETT-F-D-B

Quant Time: Nov 29 06:32:48 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	63566	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237525	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	103515	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	174753	20.00	ng	0.00
75) Chrysene-d12	14.02	240	138031	20.00	ng	0.00
86) Perylene-d12	15.49	264	119674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	172914	43.60	ng	0.00
7) Phenol-d6	6.48	99	143104	29.26	ng	-0.01
23) Nitrobenzene-d5	7.43	82	397461	110.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	98376	93.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	794962	116.94	ng	0.00
78) Terphenyl-d14	12.97	244	570776	95.01	ng	0.00

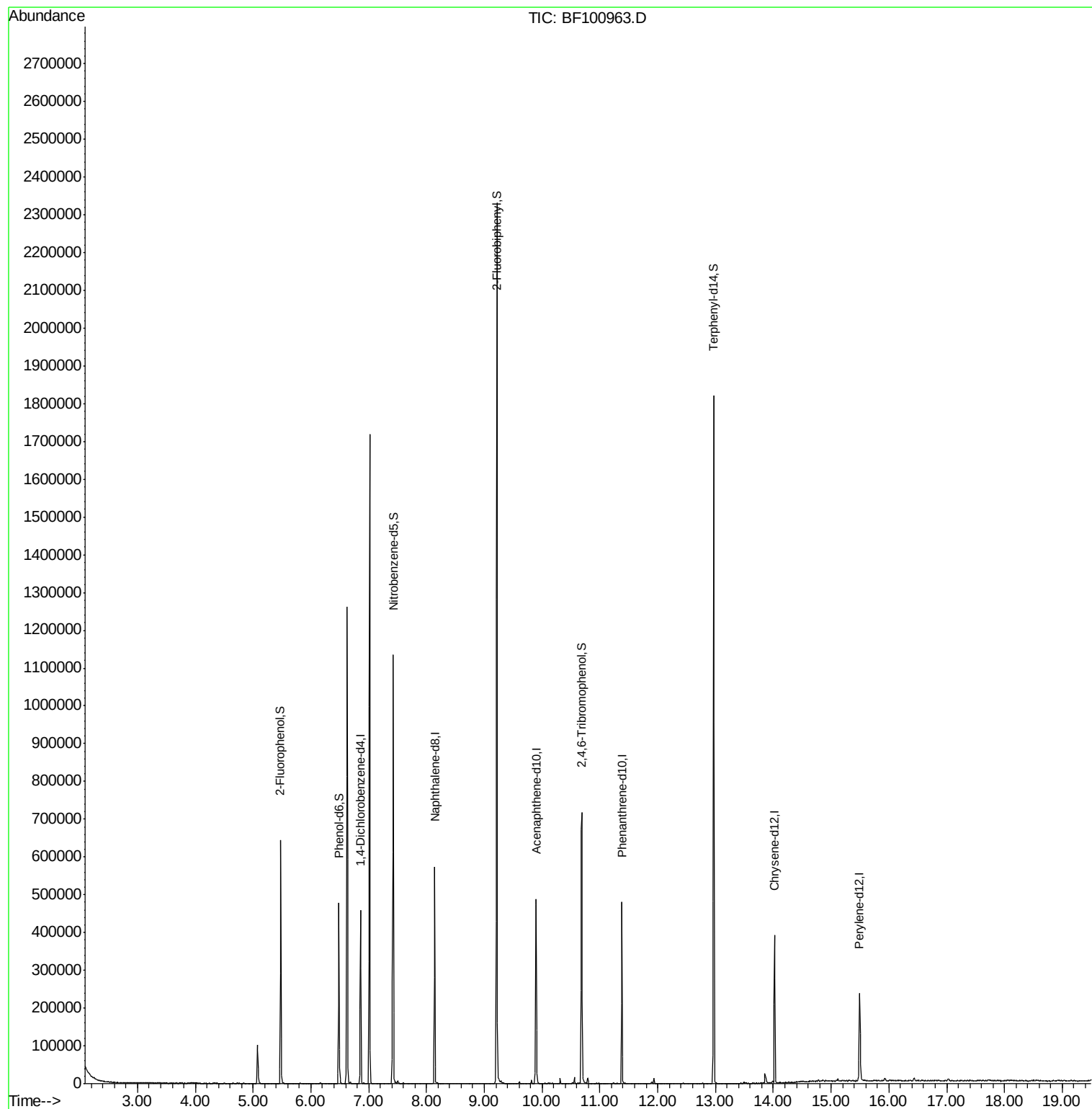
Target Compounds Qvalue

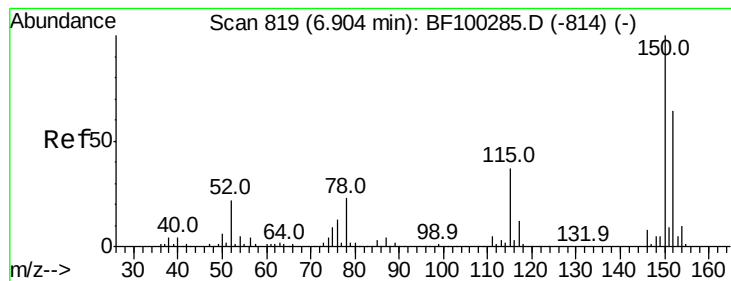
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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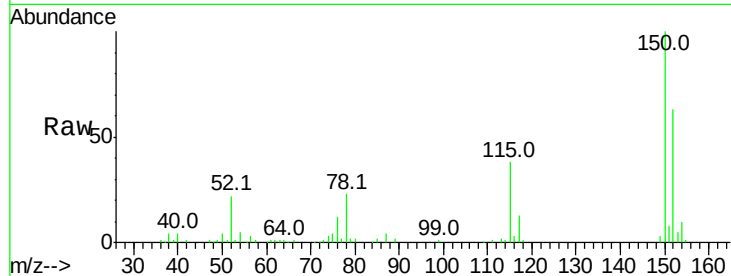


#1

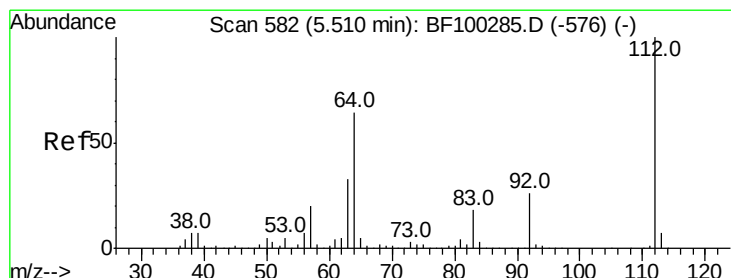
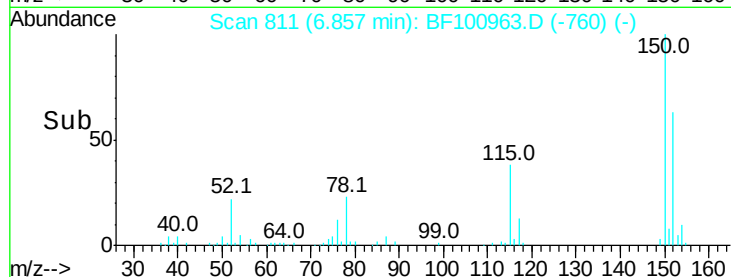
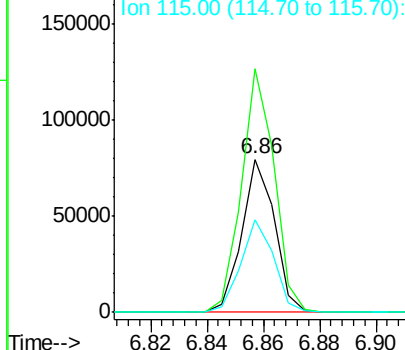
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :
112217-JETT-F-D-B

Tot Ion:152 Resp: 63566
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.6 50.1 75.1



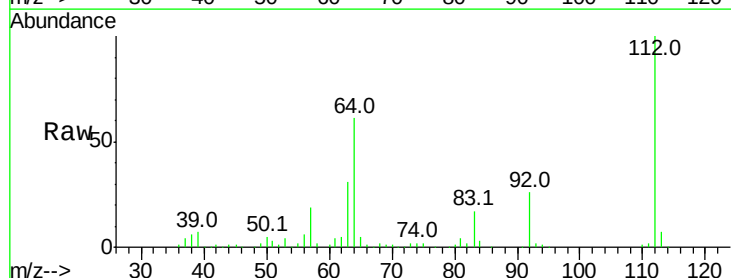
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



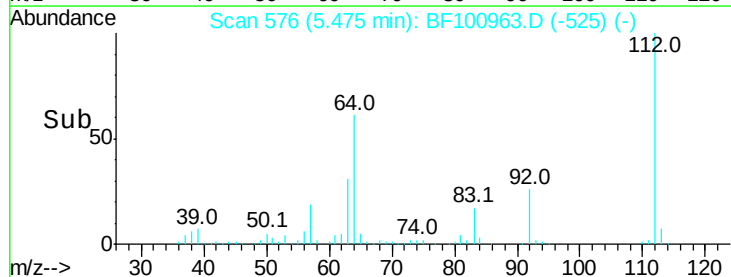
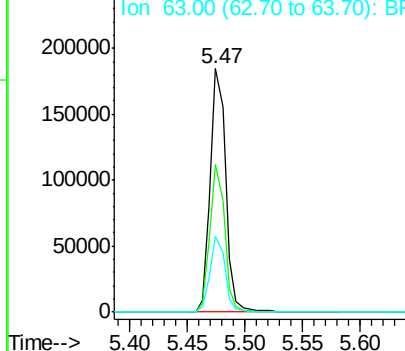
#5

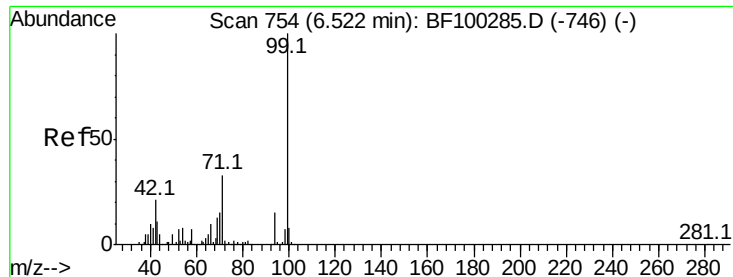
2-Fluorophenol
Concen: 43.605 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:112 Resp: 172914
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.3 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: 29.265 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampleId :

112217-JETT-F-D-B

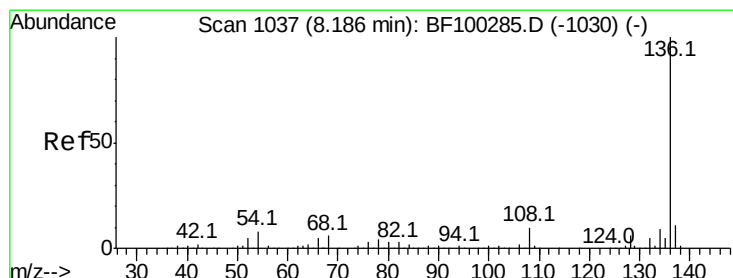
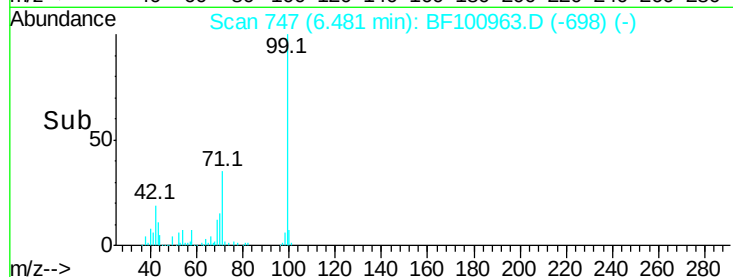
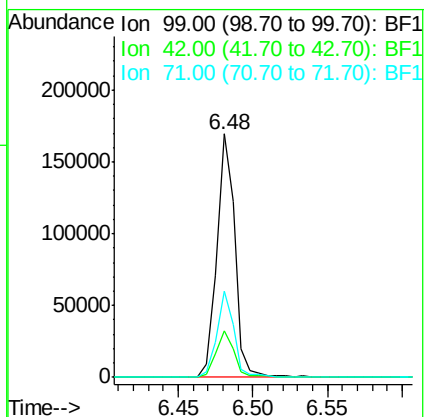
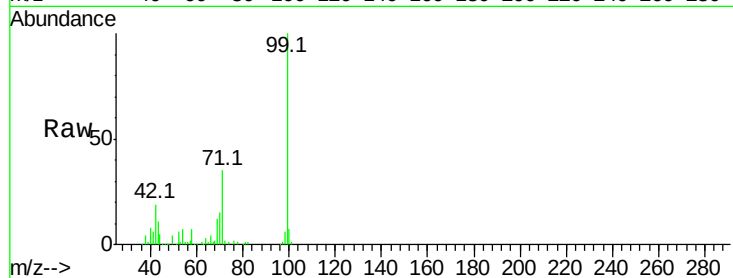
Tot Ion: 99 Resp: 143104

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 35.2 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: BF100963.D

Acq: 29 Nov 2017 5:18

Tgt Ion: 136 Resp: 237525

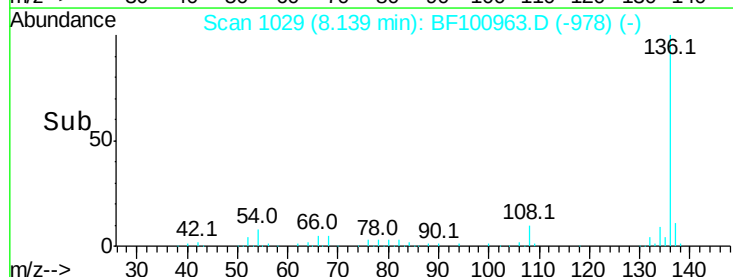
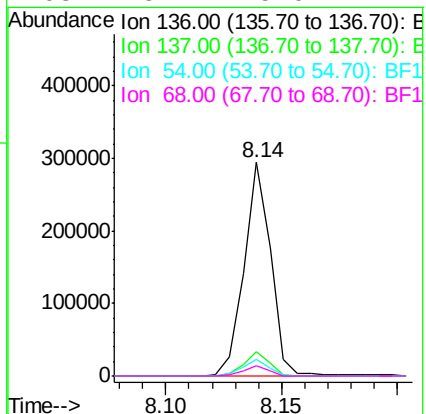
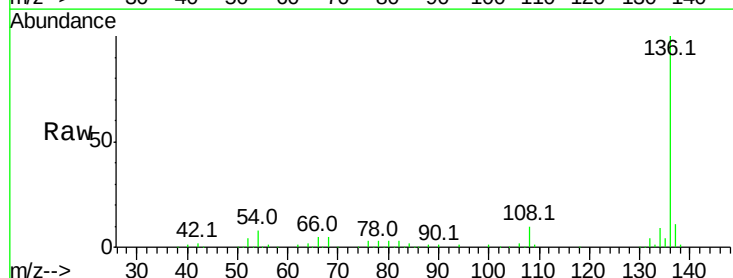
Ion Ratio Lower Upper

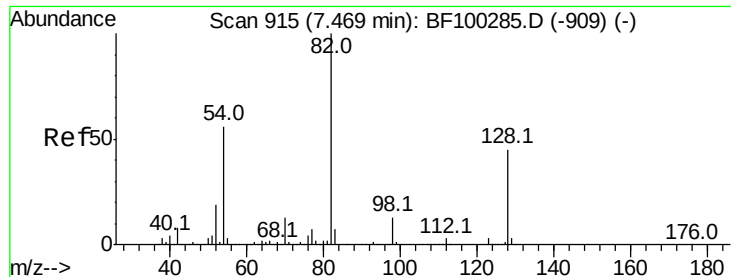
136 100

137 11.3 8.9 13.3

54 7.9 6.6 9.8

68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 110.630 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampleId :

112217-JETT-F-D-B

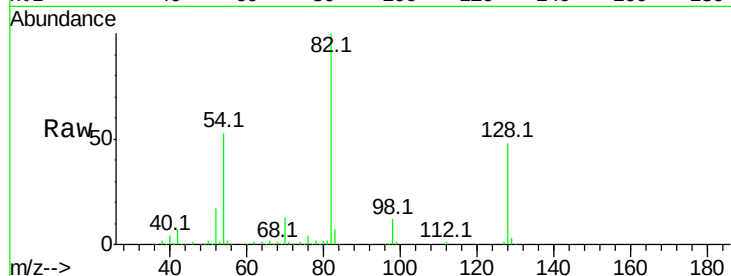
Tot Ion: 82 Resp: 397461

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

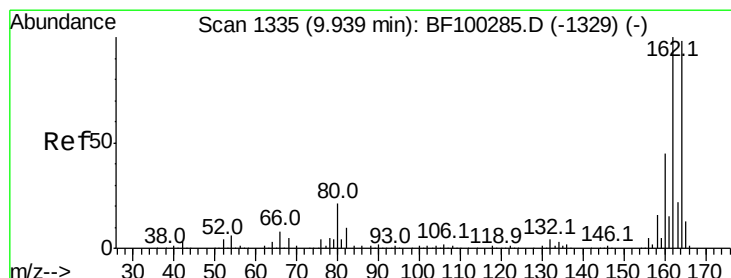
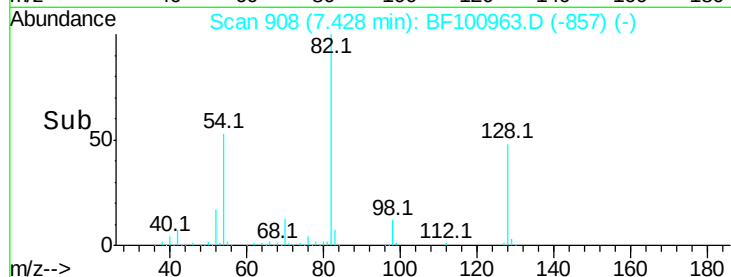
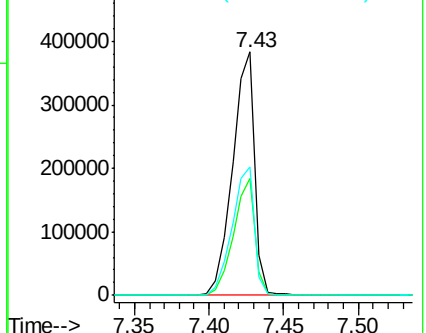
54 52.7 41.4 62.2



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

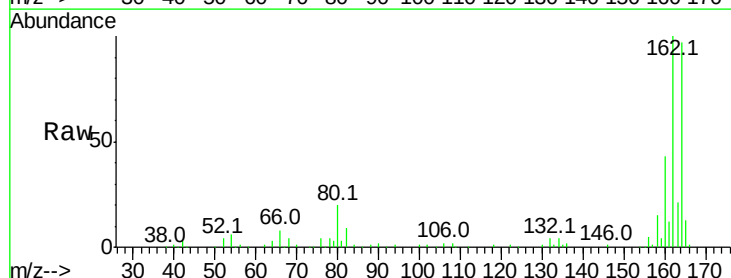
Tgt Ion:164 Resp: 103515

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

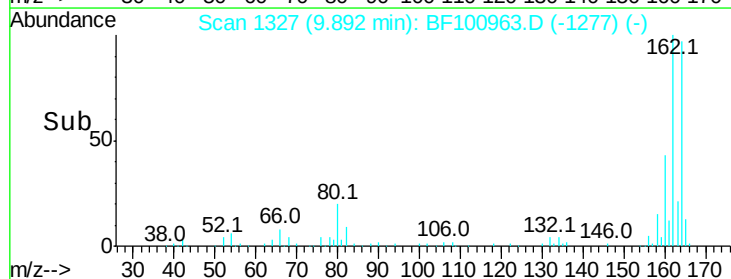
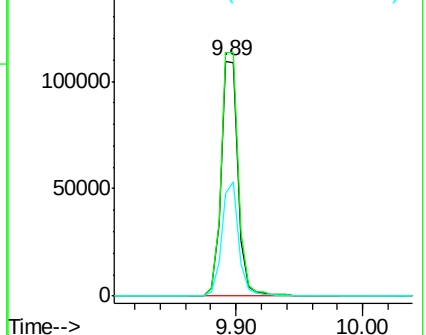
160 44.0 38.3 57.5

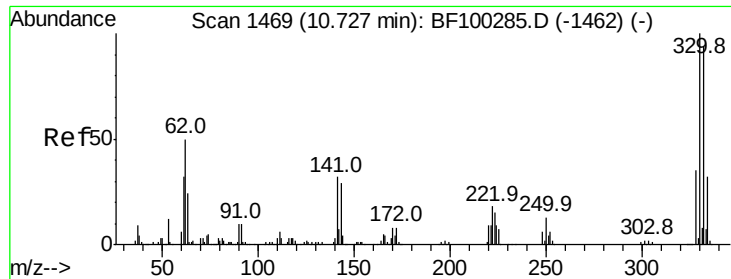


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

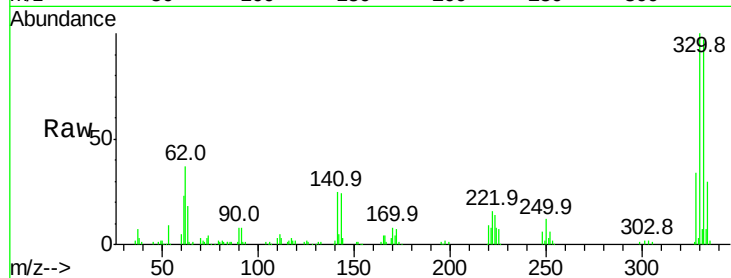




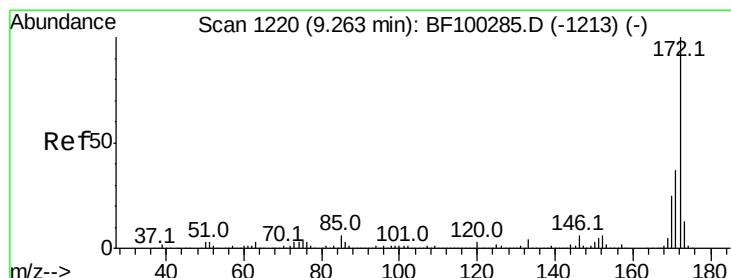
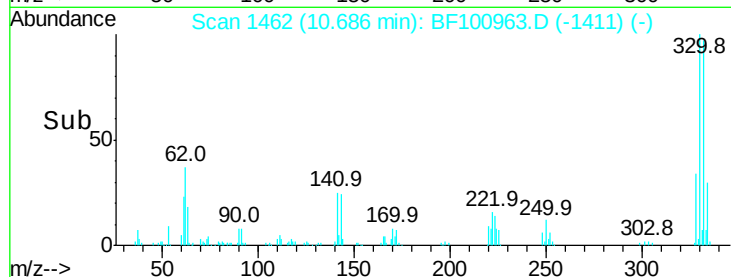
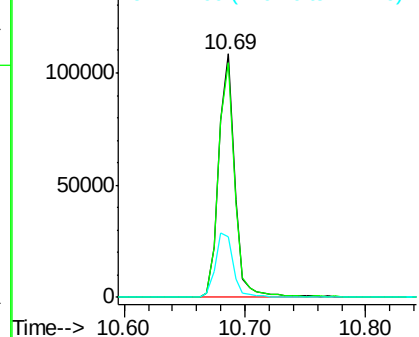
#41
 2,4,6-Tribromophenol
 Concen: 93.263 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Instrument :
 BNA_F
 ClientSampleId :
 112217-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.2	29.9	44.9#

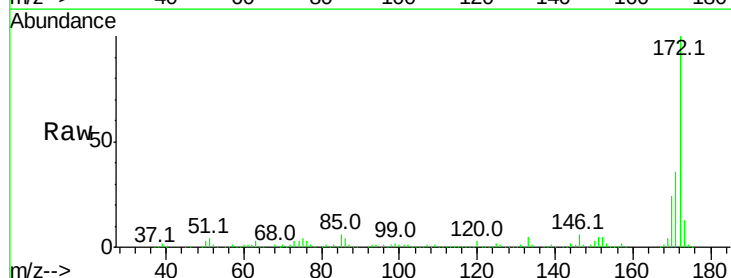


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

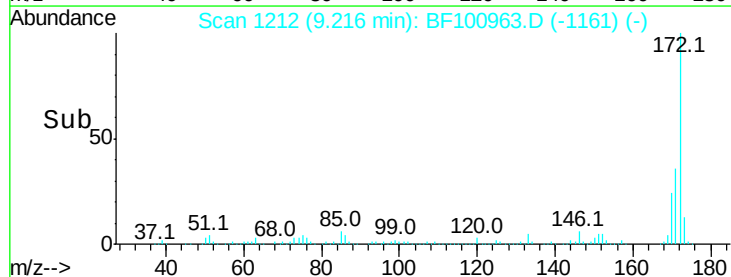
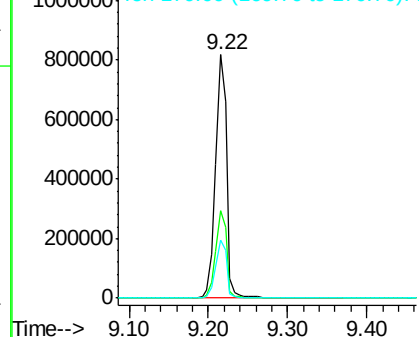


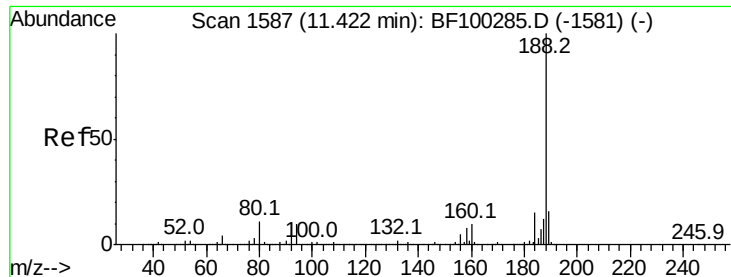
#44
 2-Fluorobiphenyl
 Concen: 116.939 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	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

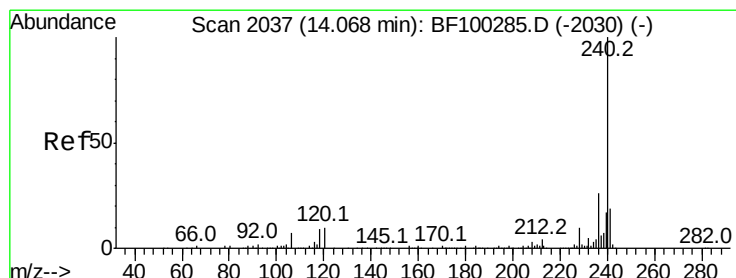
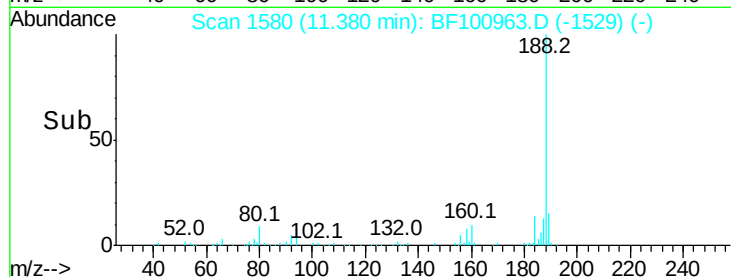
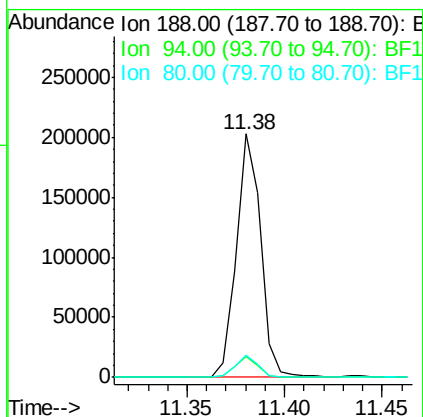
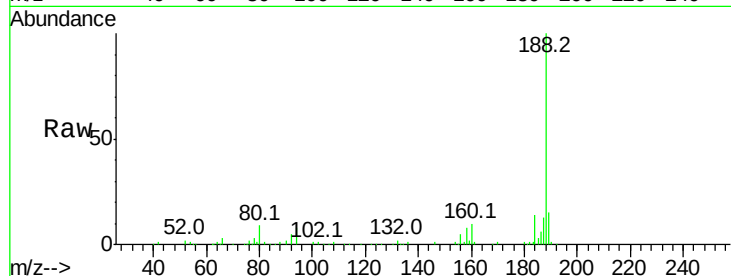




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

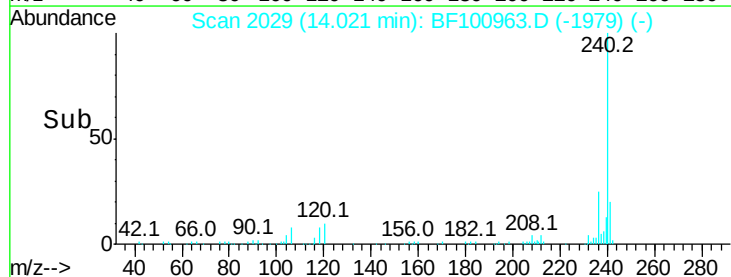
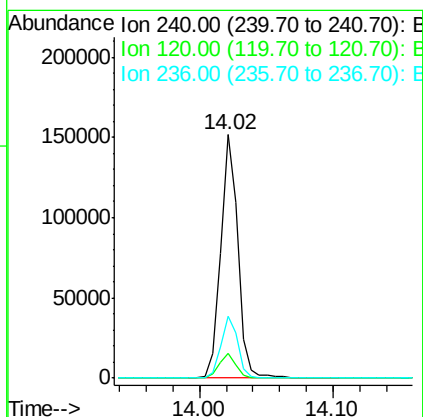
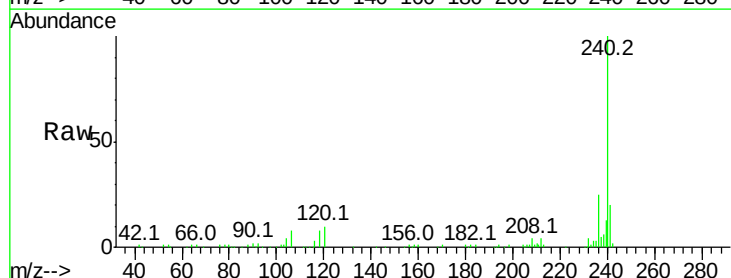
Instrument :
BNA_F
ClientSampleId :
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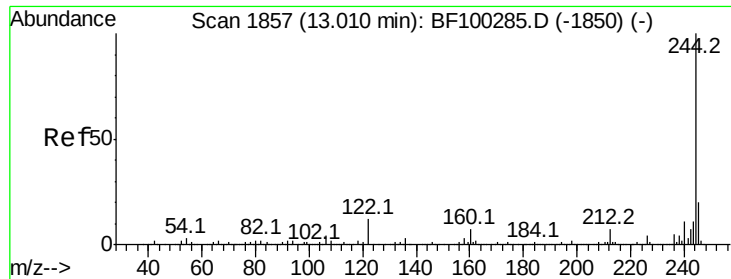
Tot Ion:188 Resp: 174753
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:240 Resp: 138031
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 95.013 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampleId :

112217-JETT-F-D-B

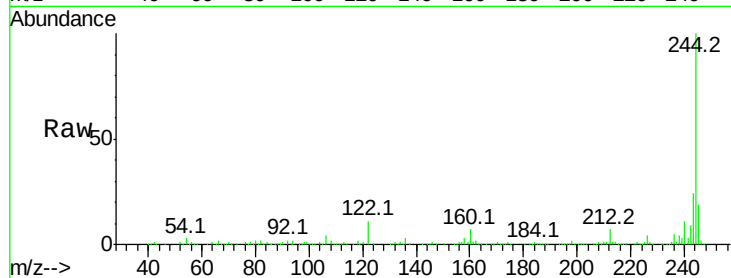
Tot Ion:244 Resp: 570776

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

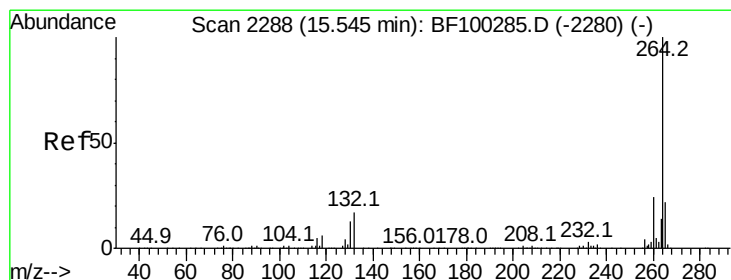
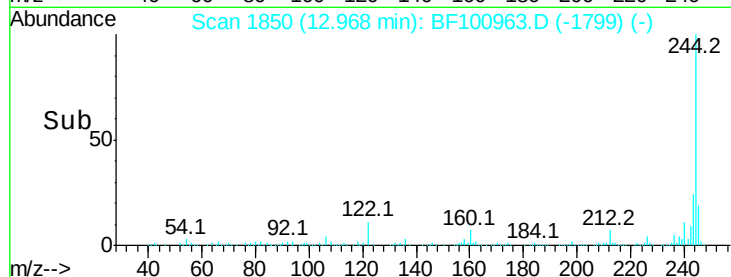
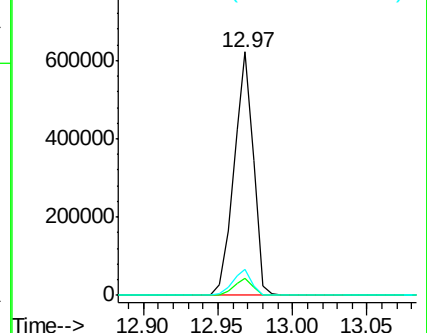
122 10.8 11.0 16.4#



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: BF100963.D

Acq: 29 Nov 2017 5:18

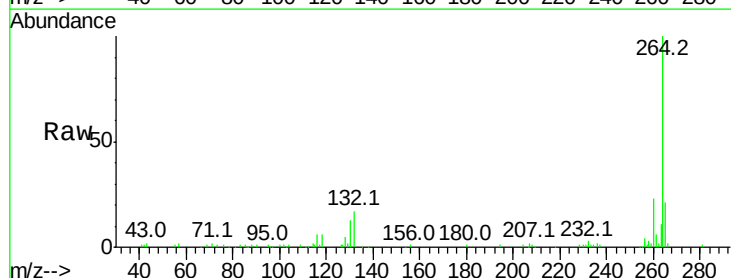
Tgt Ion:264 Resp: 119674

Ion Ratio Lower Upper

264 100

260 22.9 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

