

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100647.D
 Acq On : 16 Nov 2017 23:38
 Operator : SJ/JU
 Sample : PB104306BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BL

Quant Time: Nov 17 02:46:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	104532	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	405900	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	184192	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	317332	20.00	ng	0.00
75) Chrysene-d12	14.04	240	228227	20.00	ng	0.00
86) Perylene-d12	15.52	264	199038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	411505	63.10	ng	0.00
7) Phenol-d6	6.50	99	491012	61.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	448163	73.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	100778	53.69	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	893635	73.88	ng	0.00
78) Terphenyl-d14	12.99	244	669820	67.44	ng	0.00

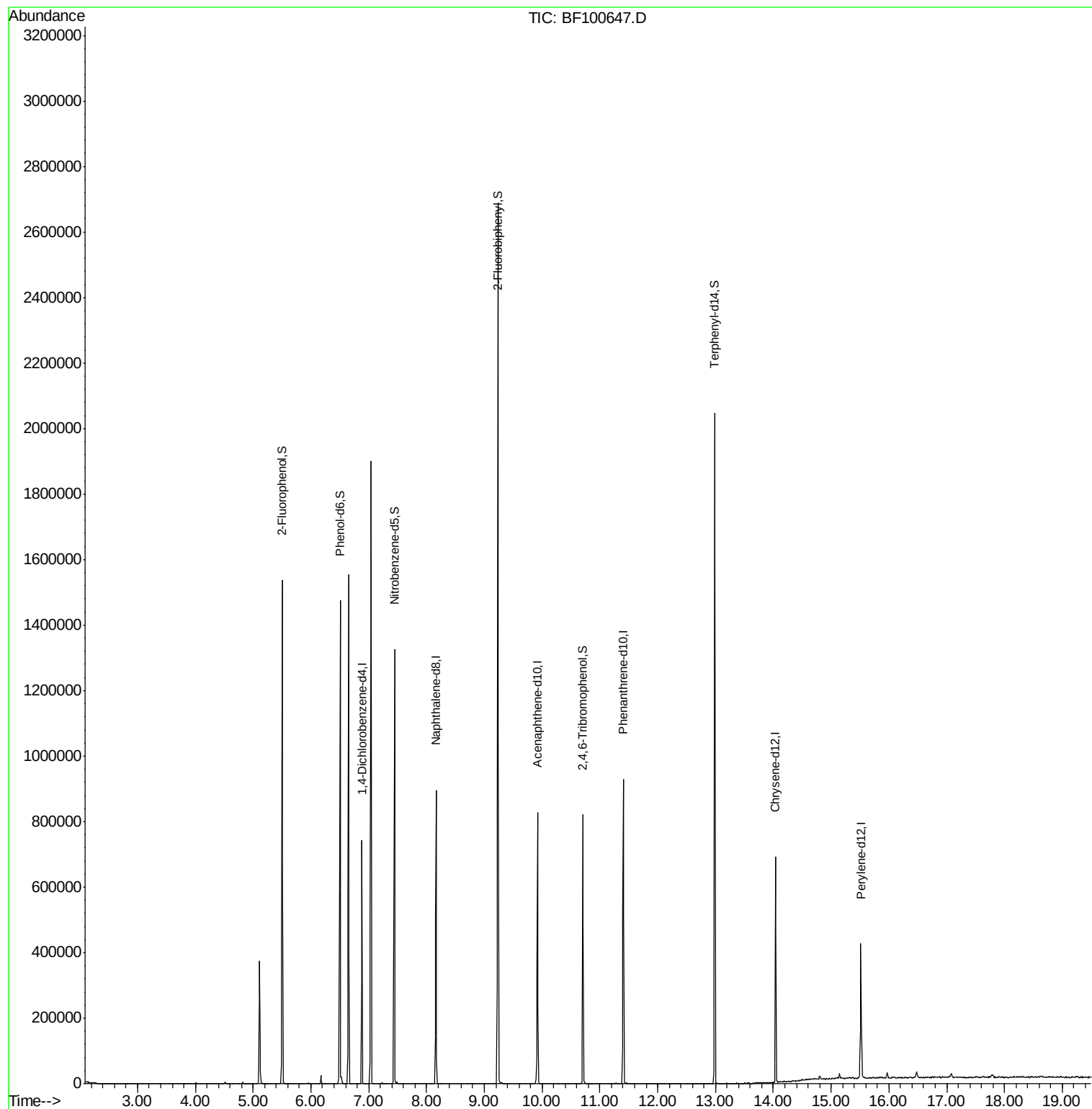
Target Compounds Qvalue

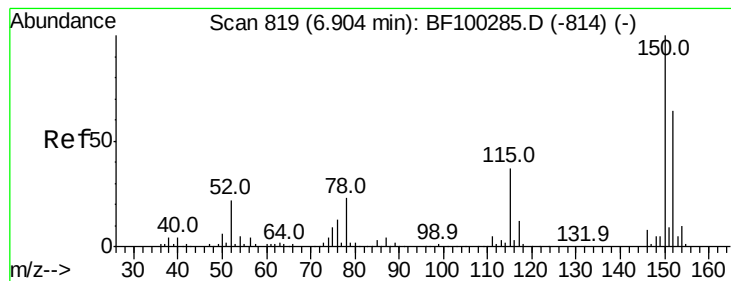
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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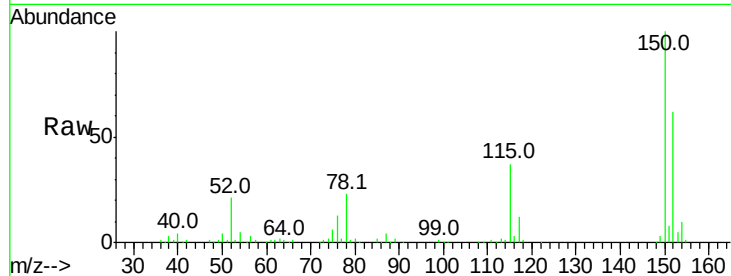


#1

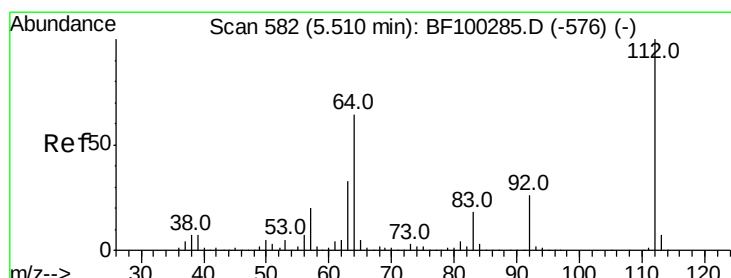
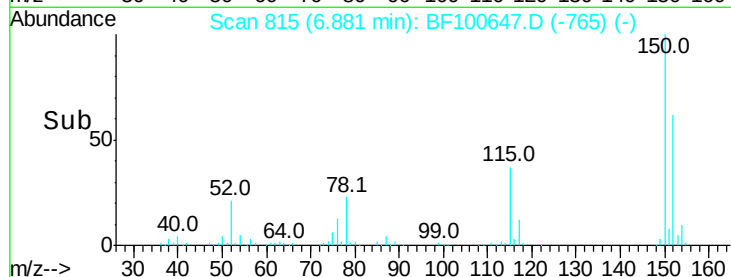
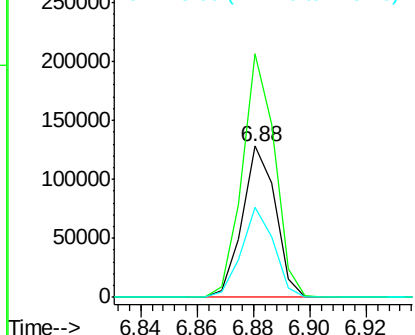
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

Instrument :
BNA_F
ClientSampleId :
PB104306BL

Tot Ion:152 Resp: 104532
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 59.7 50.1 75.1



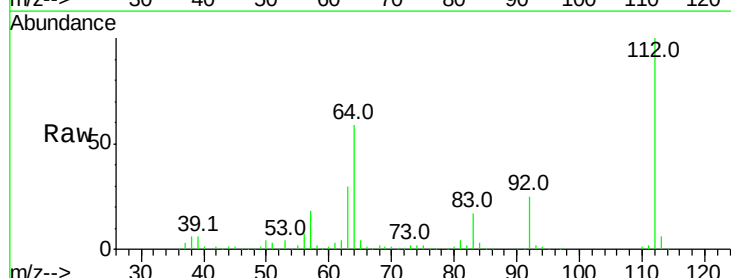
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



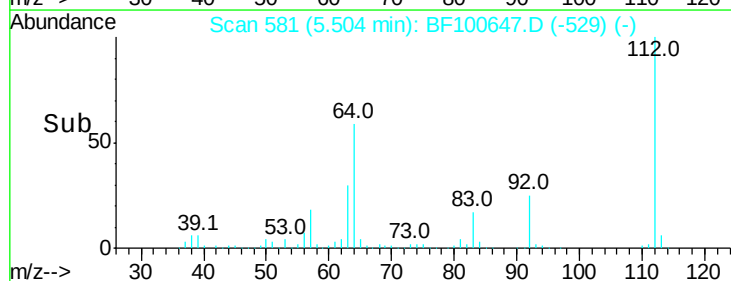
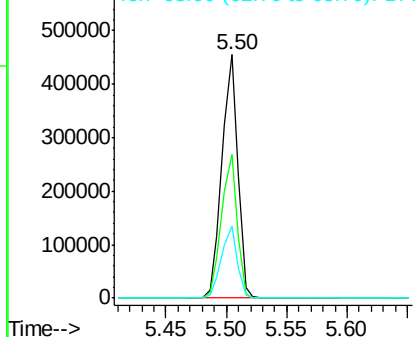
#5

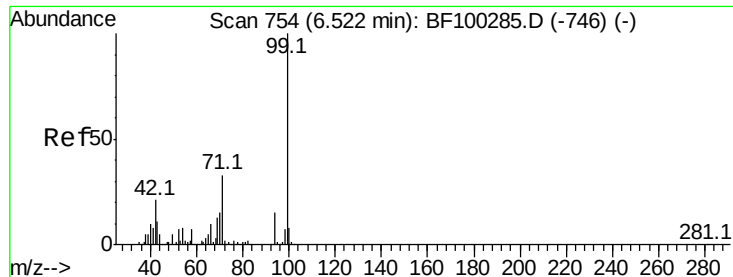
2-Fluorophenol
Concen: 63.104 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

Tgt Ion:112 Resp: 411505
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.6 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: 61.061 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

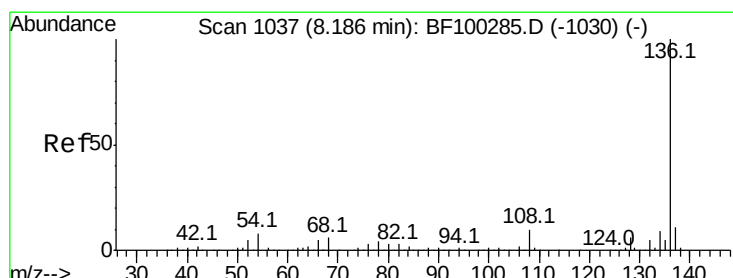
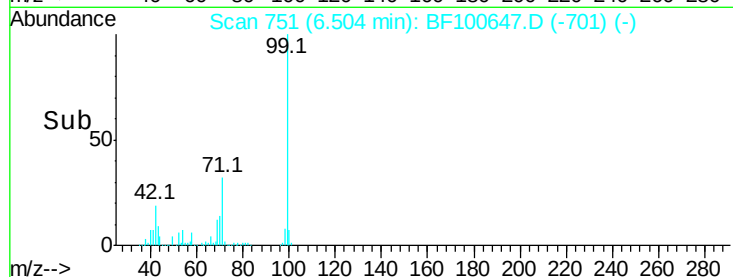
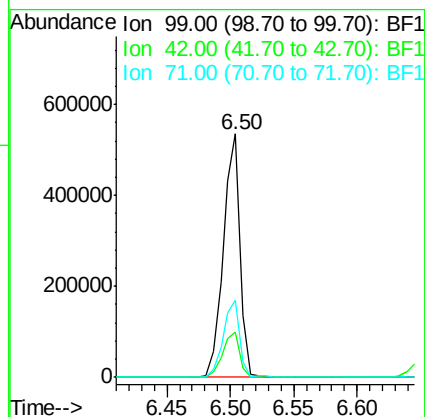
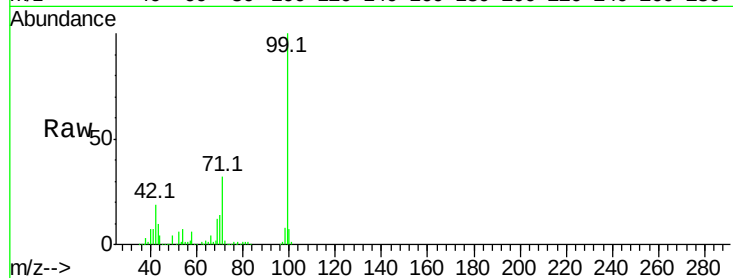
Tot Ion: 99 Resp: 491012

Ion Ratio Lower Upper

99 100

42 18.6 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: BF100647.D

Acq: 16 Nov 2017 23:38

Tgt Ion: 136 Resp: 405900

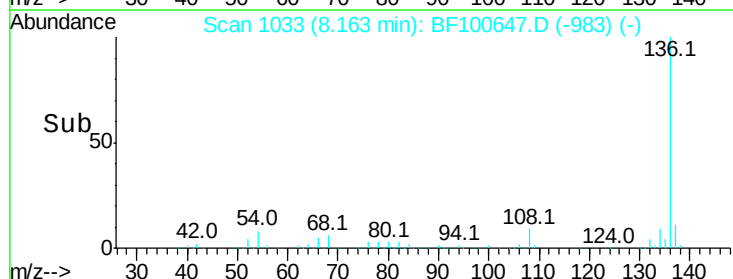
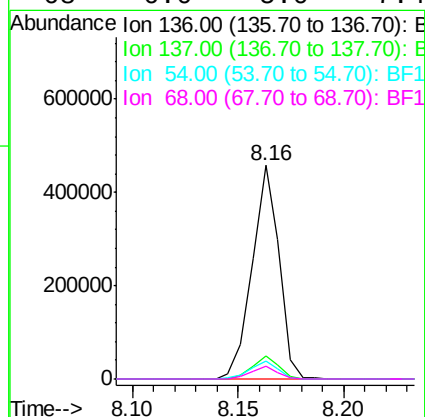
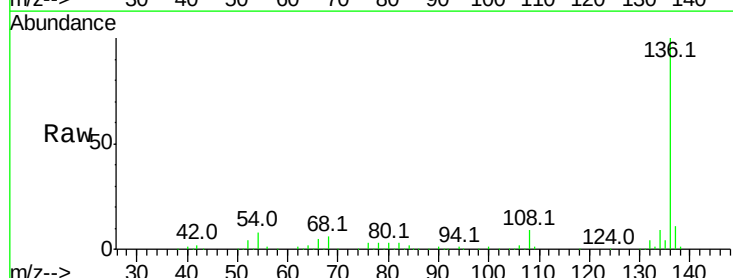
Ion Ratio Lower Upper

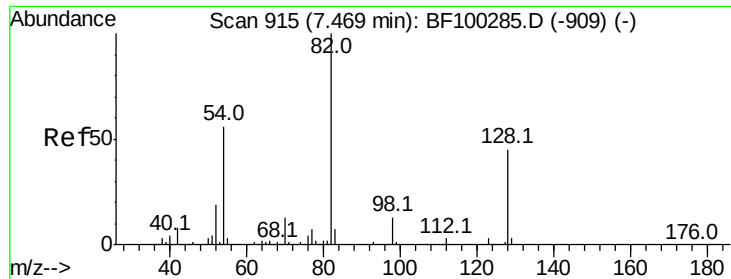
136 100

137 11.0 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

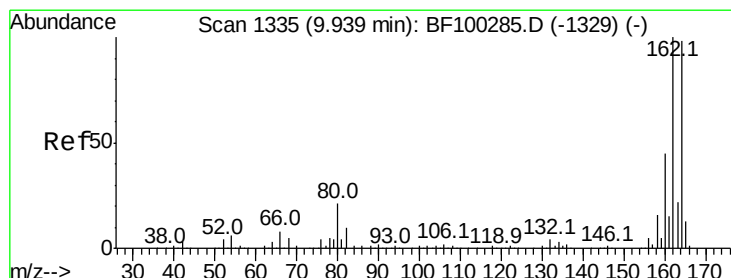
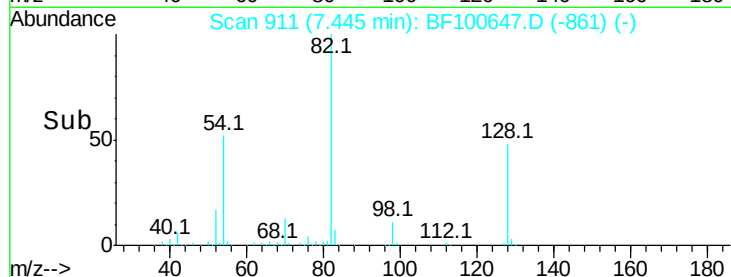
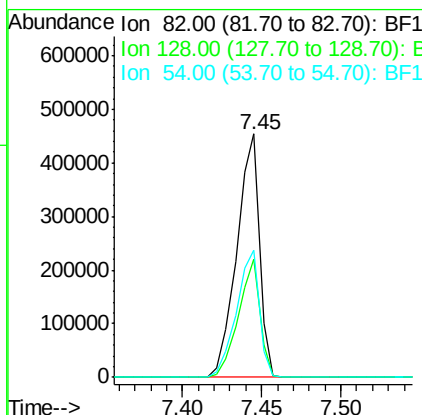
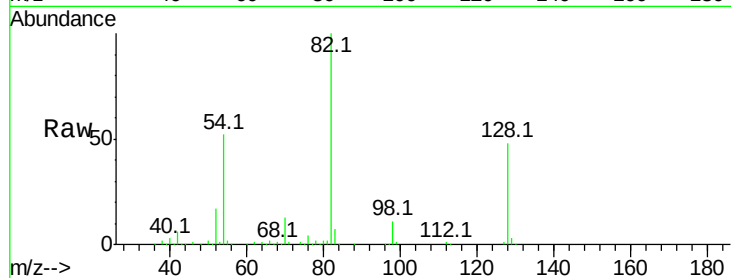




#23
 Nitrobenzene-d5
 Concen: 72.997 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

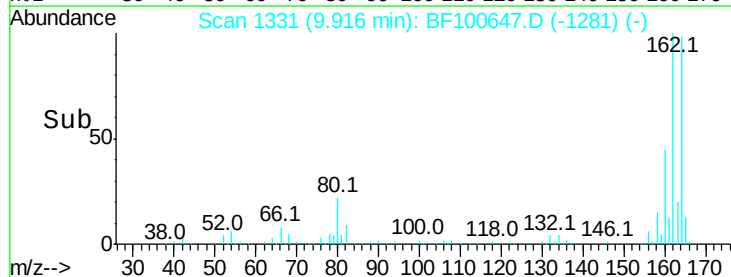
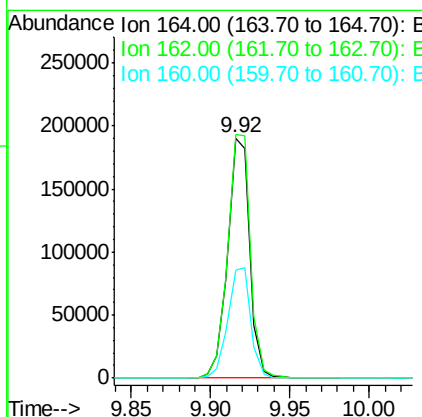
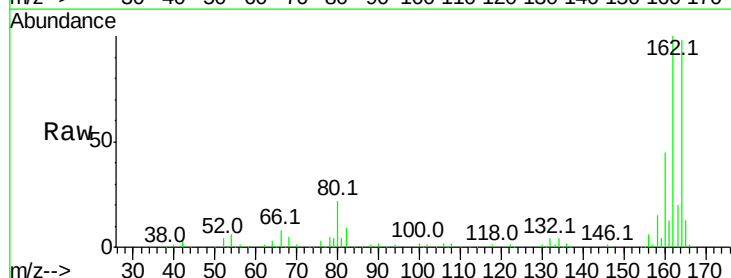
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BL

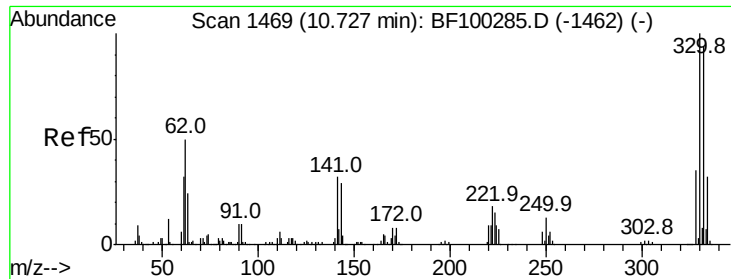
Tot Ion: 82 Resp: 448163
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 52.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Tgt Ion: 164 Resp: 184192
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.2 38.3 57.5

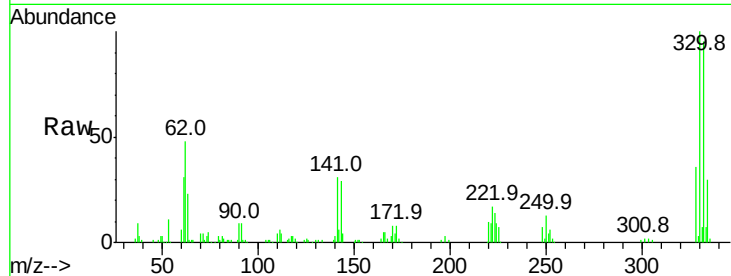




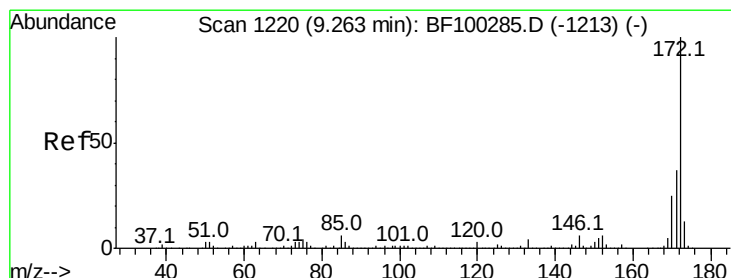
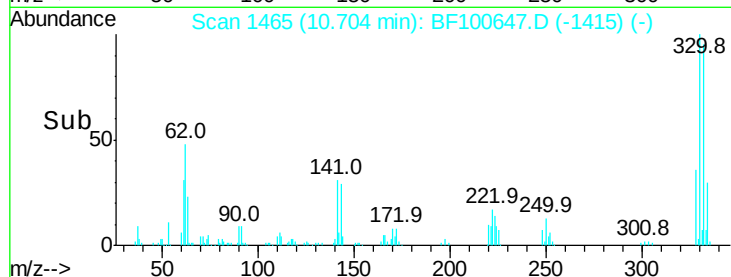
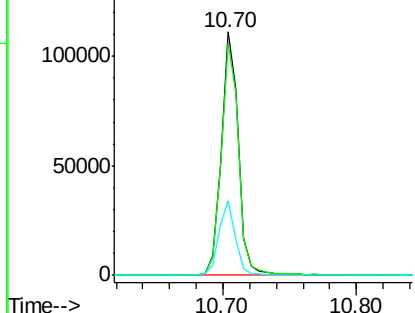
#41
 2,4,6-Tribromophenol
 Concen: 53.693 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Instrument :
 BNA_F
 ClientSampled :
 PB104306BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.6	29.9	44.9#

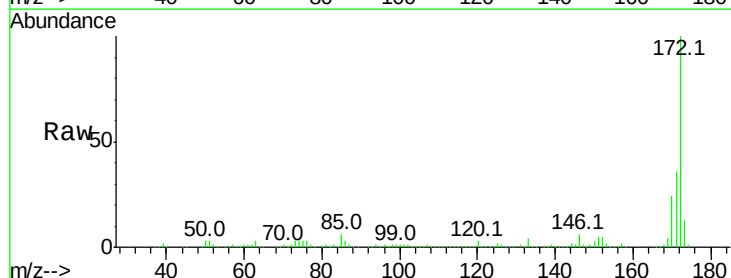


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

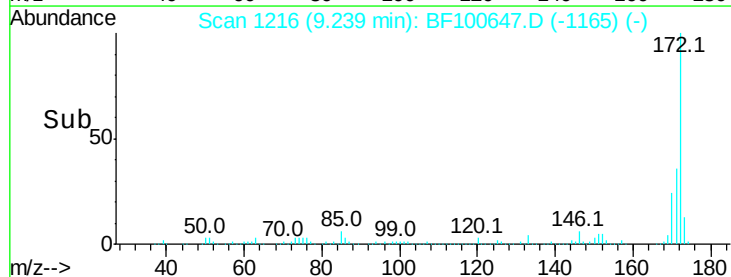
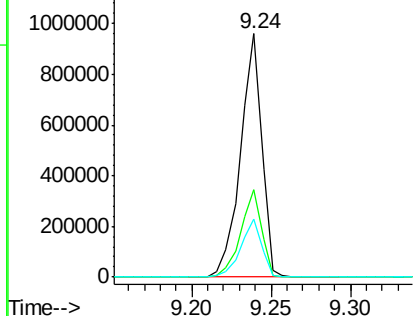


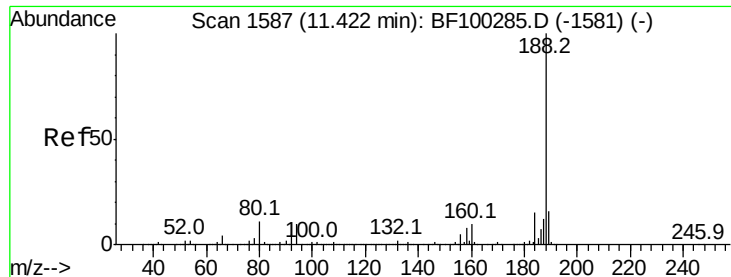
#44
 2-Fluorobiphenyl
 Concen: 73.877 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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

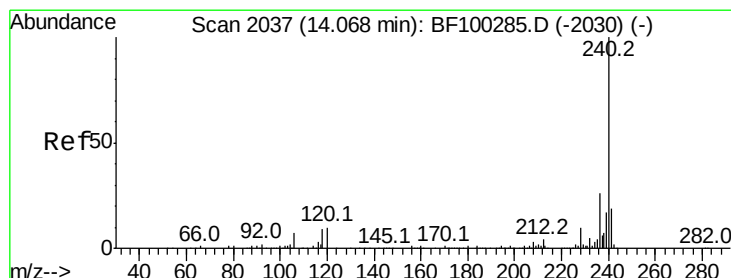
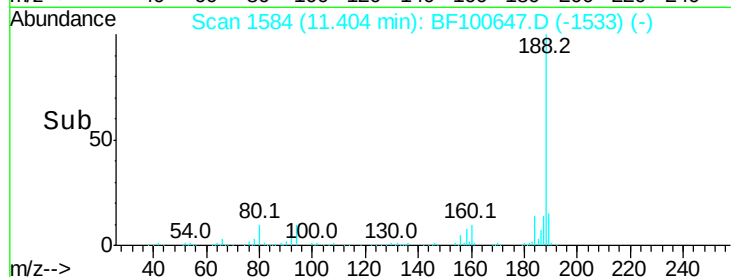
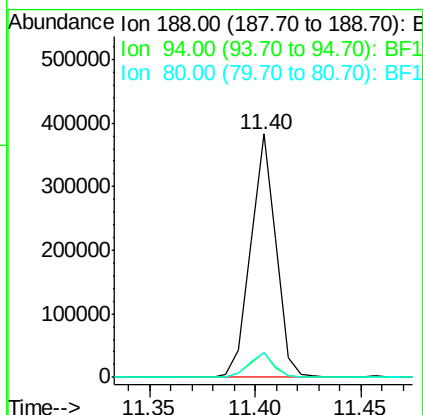
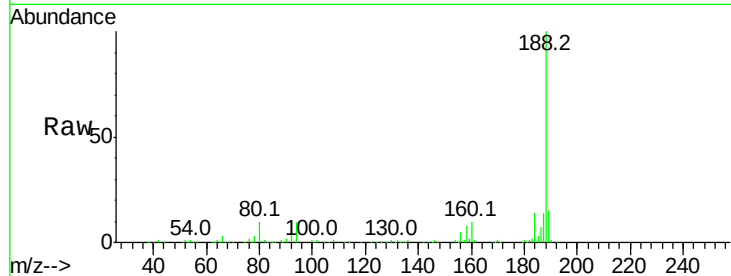




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

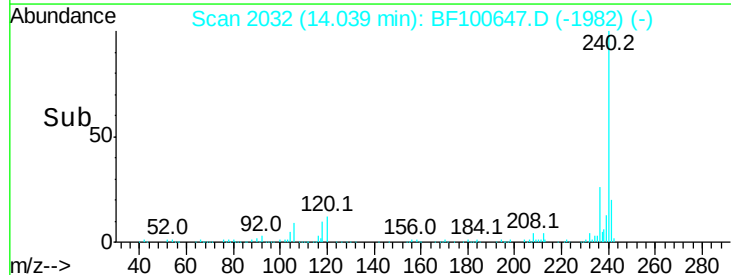
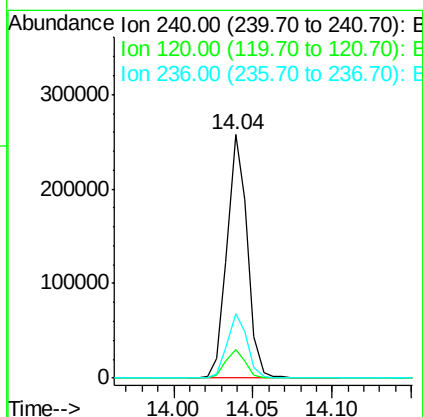
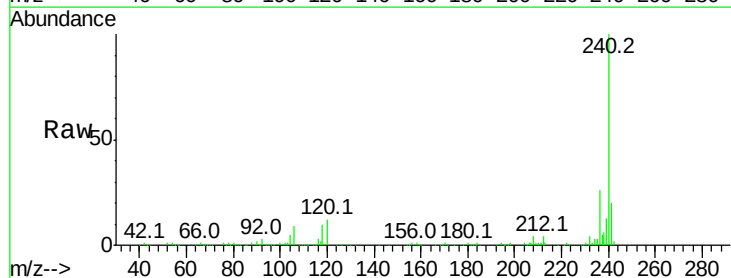
Instrument :
BNA_F
ClientSampleId :
PB104306BL

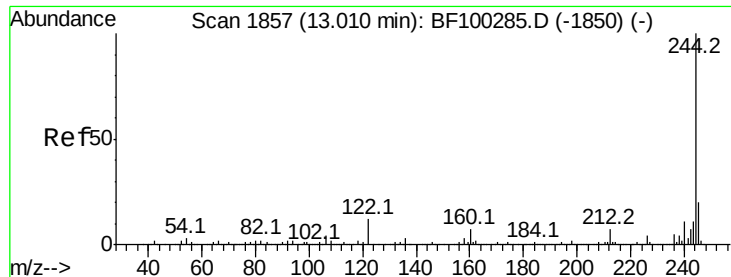
Tot Ion:188 Resp: 317332
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

Tgt Ion:240 Resp: 228227
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 67.435 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

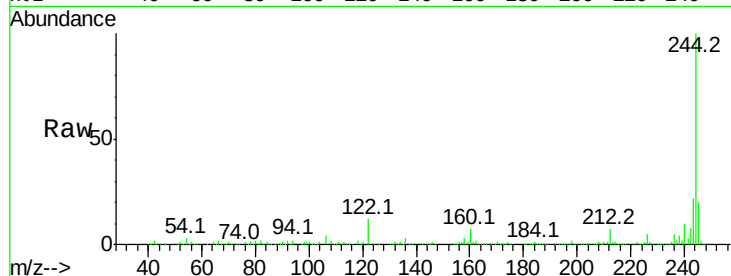
Tot Ion:244 Resp: 669820

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

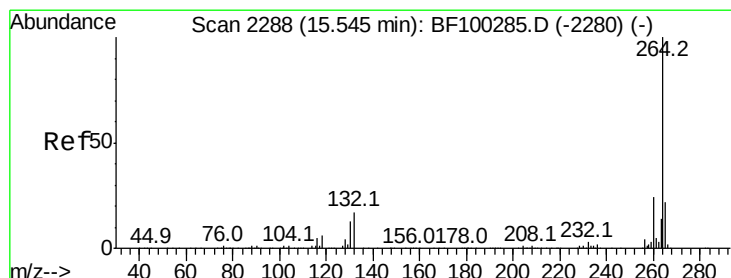
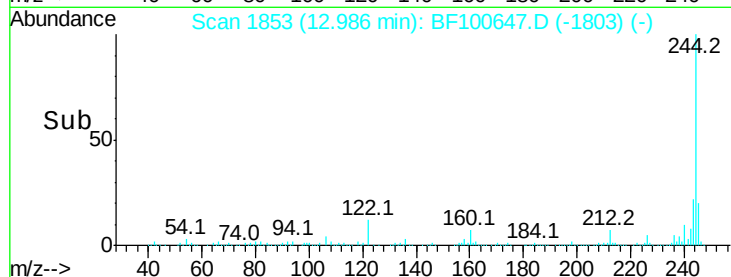
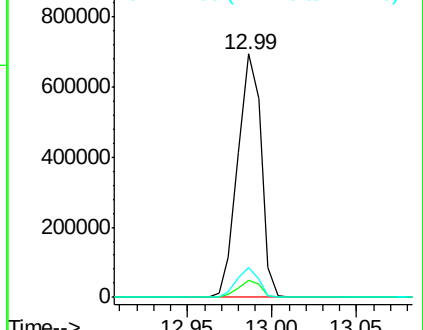
122 12.3 11.0 16.4



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. -0.00 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

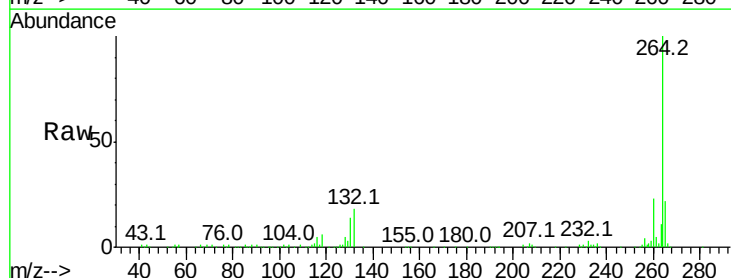
Tgt Ion:264 Resp: 199038

Ion Ratio Lower Upper

264 100

260 23.2 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

