

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100604.D
 Acq On : 15 Nov 2017 23:23
 Operator : SJ/JU
 Sample : I6426-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-D-S

Quant Time: Nov 16 05:48:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122154	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	448457	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179101	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	267288	20.00	ng	0.00
75) Chrysene-d12	14.04	240	236078	20.00	ng	-0.01
86) Perylene-d12	15.51	264	241933	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	359629	47.19	ng	0.00
7) Phenol-d6	6.50	99	276304	29.40	ng	-0.02
23) Nitrobenzene-d5	7.45	82	754979	111.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	157006	86.03	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1263279	107.40	ng	0.00
78) Terphenyl-d14	12.99	244	779781	75.89	ng	0.00

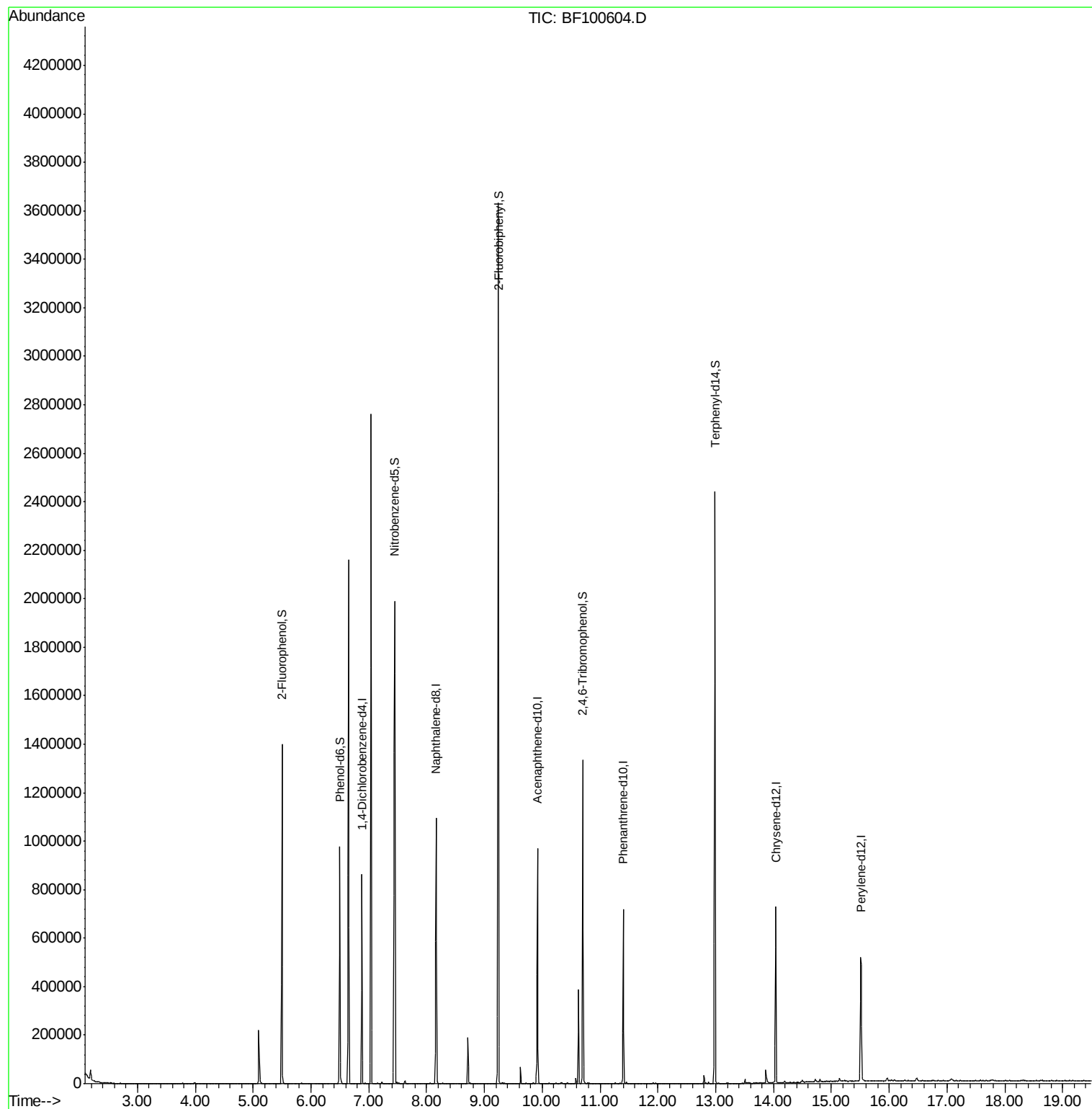
Target Compounds	Qvalue
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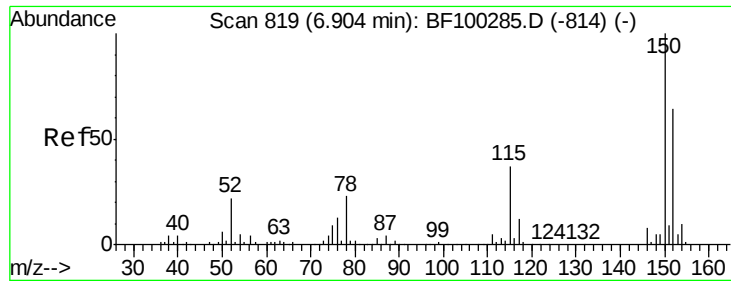
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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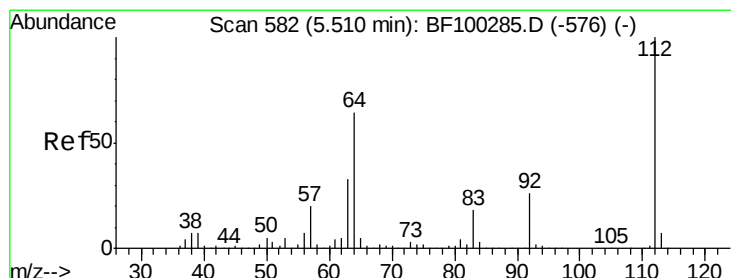
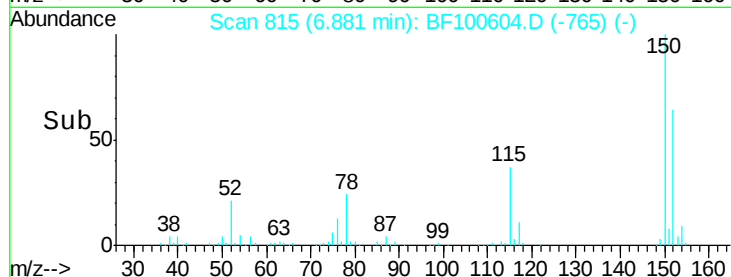
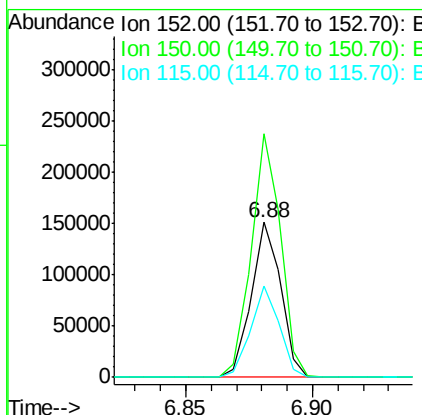
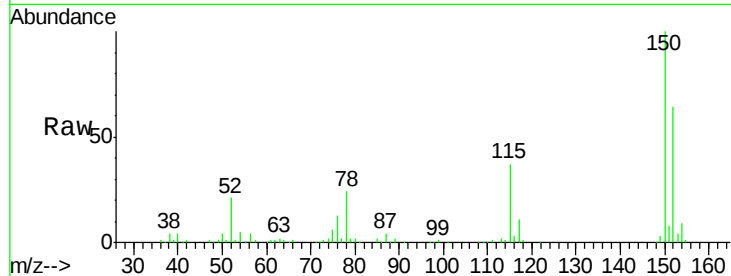


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100604.D
Acq: 15 Nov 2017 23:23

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-D-S

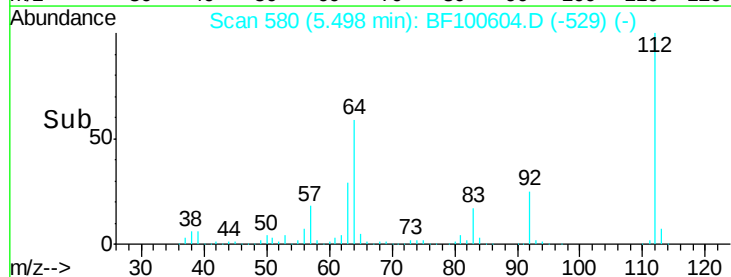
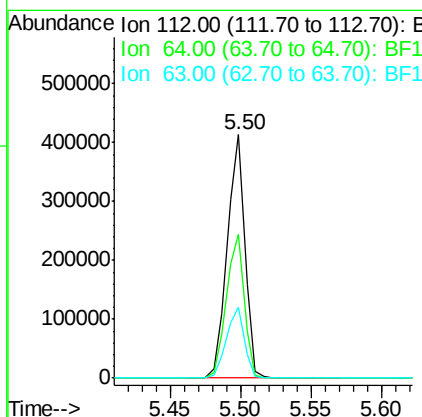
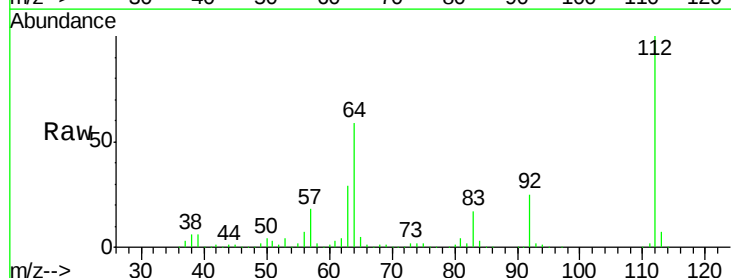
Tgt Ion:152 Resp: 122154
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.6 50.1 75.1



#5

2-Fluorophenol
Concen: 47.193 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100604.D
Acq: 15 Nov 2017 23:23

Tgt Ion:112 Resp: 359629
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 29.404 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100604.D

Acq: 15 Nov 2017 23:23

Instrument :

BNA_F

ClientSampleId :

110917-TIDO-E-D-S

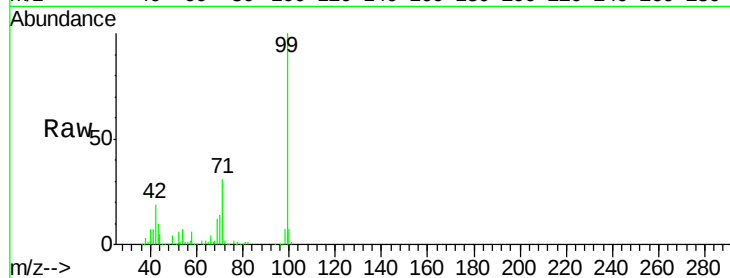
Tgt Ion: 99 Resp: 276304

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

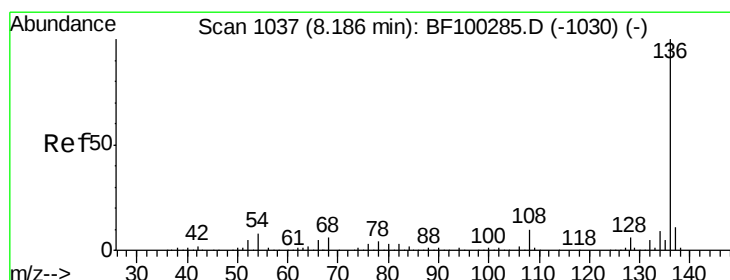
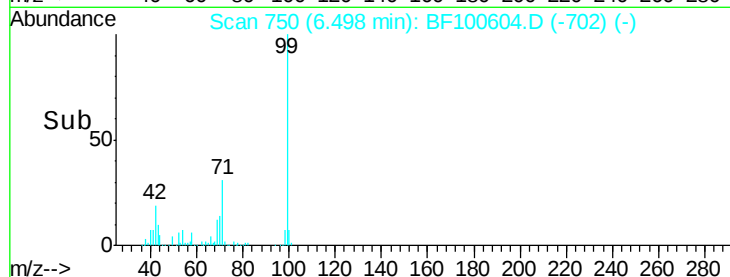
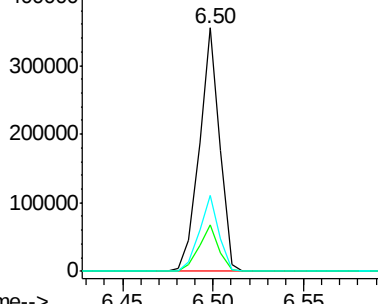
71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100604.D

Acq: 15 Nov 2017 23:23

Tgt Ion: 136 Resp: 448457

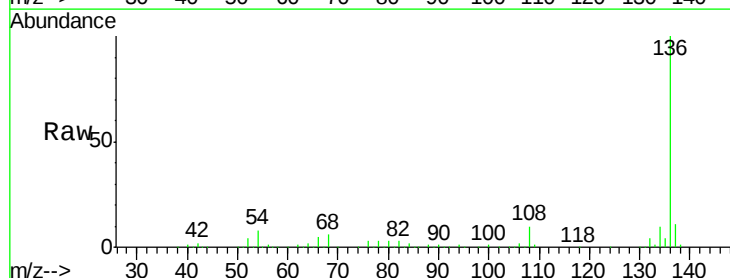
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.5 6.6 9.8

68 6.1 5.0 7.4

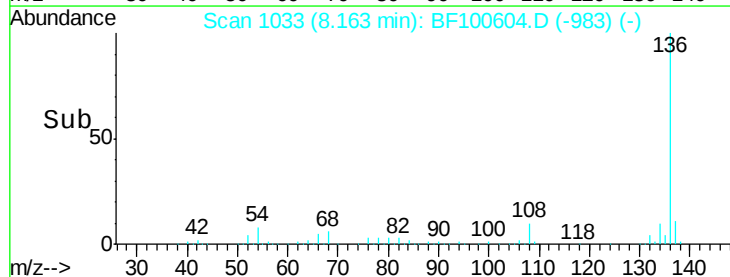
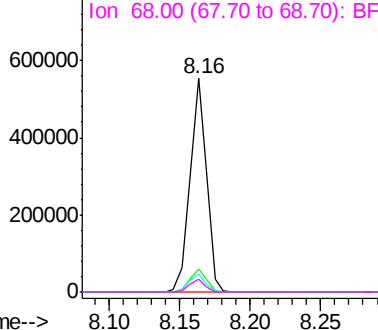


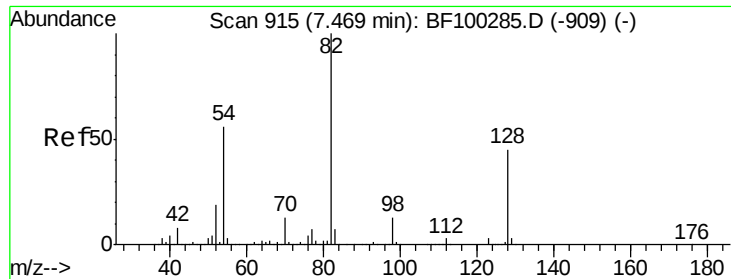
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

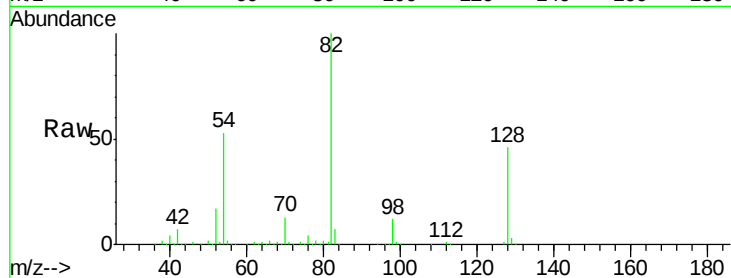




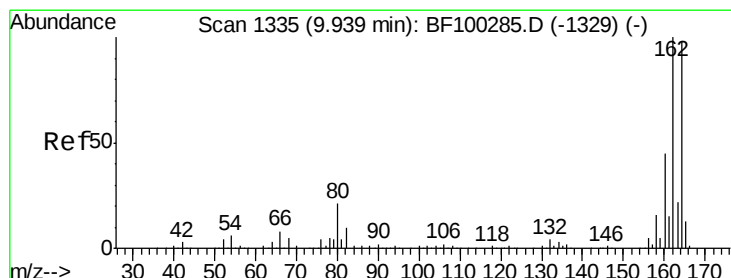
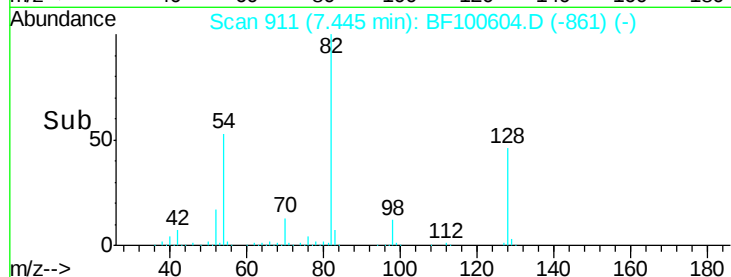
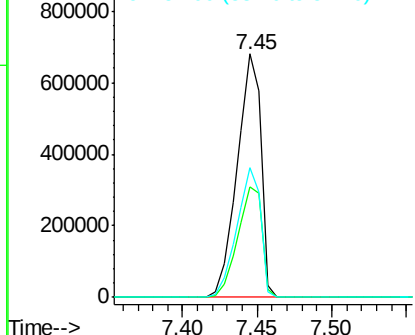
#23
 Nitrobenzene-d5
 Concen: 111.302 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100604.D
 Acq: 15 Nov 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.2	41.4	62.2

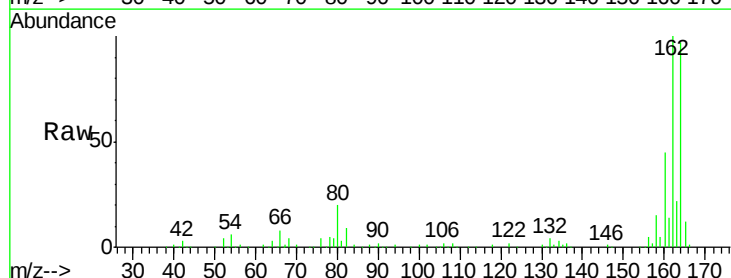


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

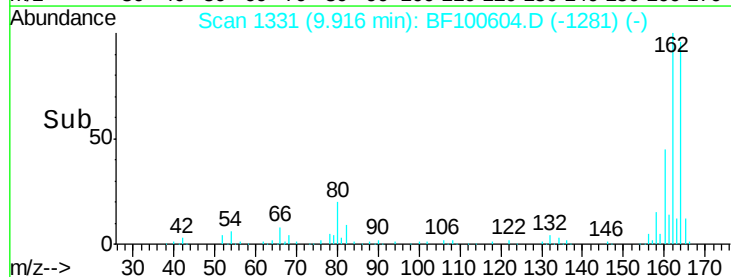
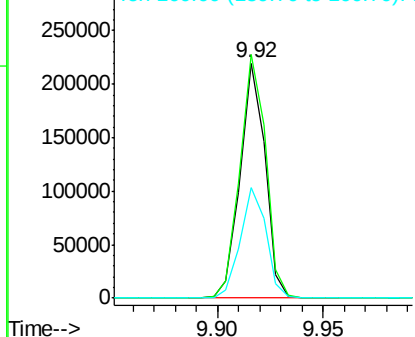


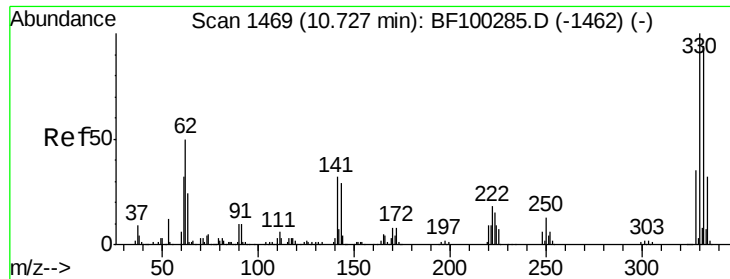
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100604.D
 Acq: 15 Nov 2017 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

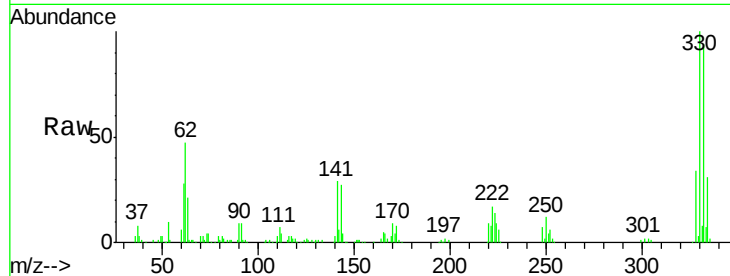




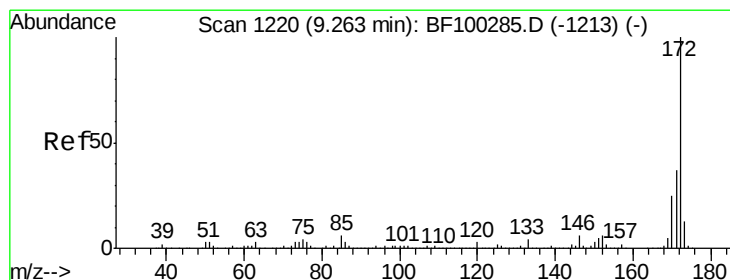
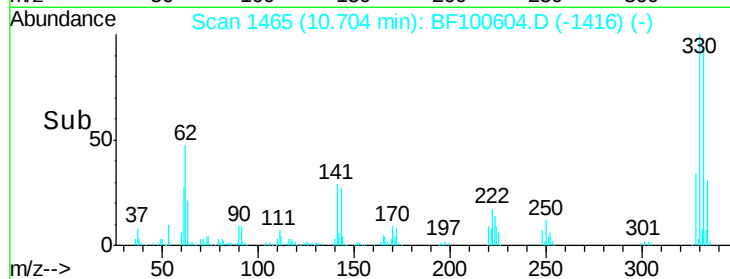
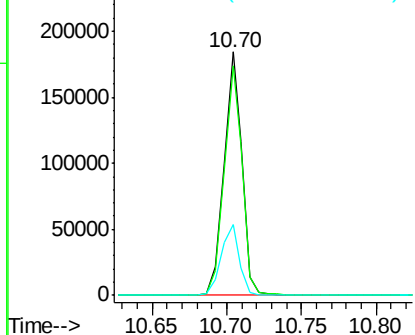
#41
 2,4,6-Tribromophenol
 Concen: 86.029 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100604.D
 Acq: 15 Nov 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 110917-TIDO-E-D-S

Tgt Ion: 330 Resp: 157006
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 29.6 29.9 44.9#

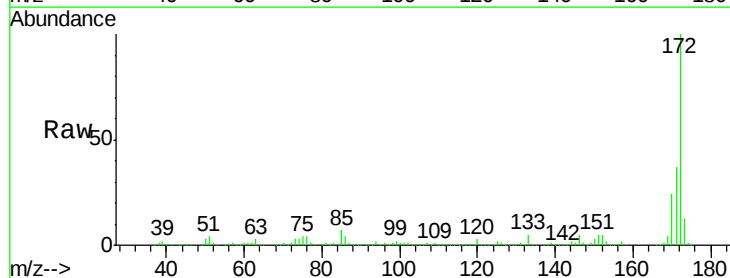


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

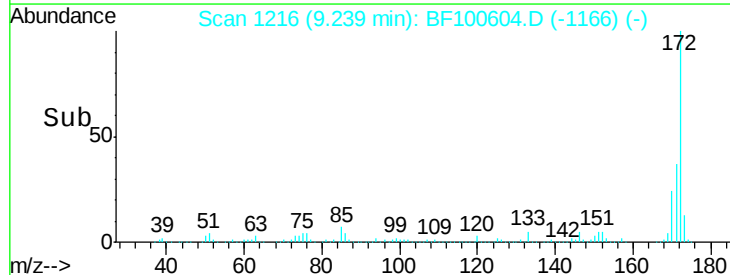
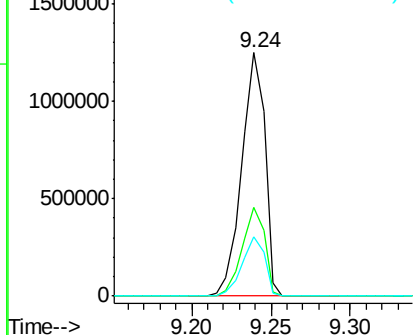


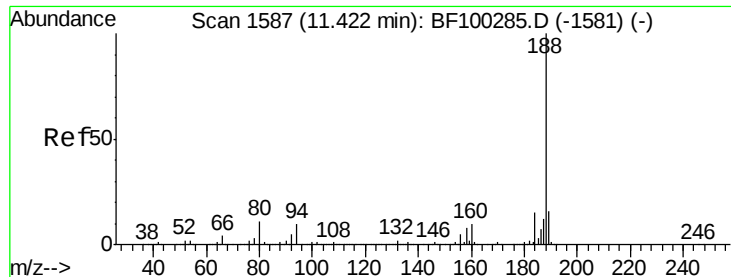
#44
 2-Fluorobiphenyl
 Concen: 107.404 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100604.D
 Acq: 15 Nov 2017 23:23

Tgt Ion: 172 Resp: 1263279
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 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

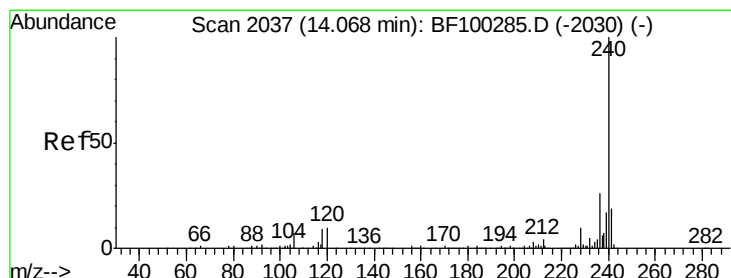
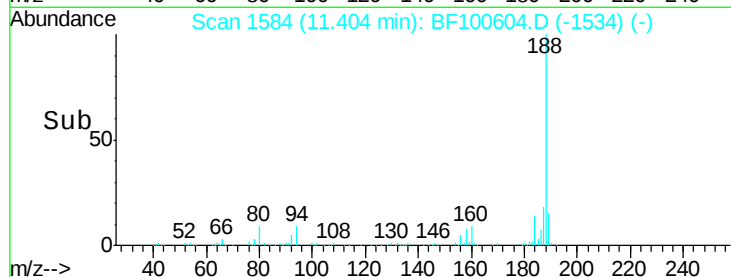
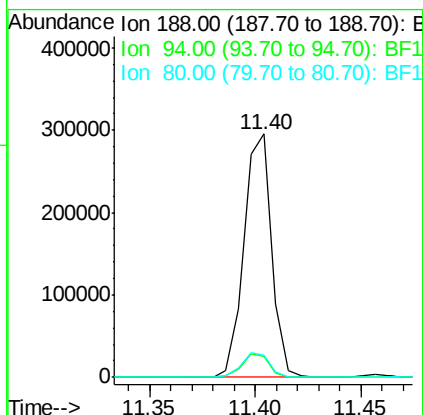
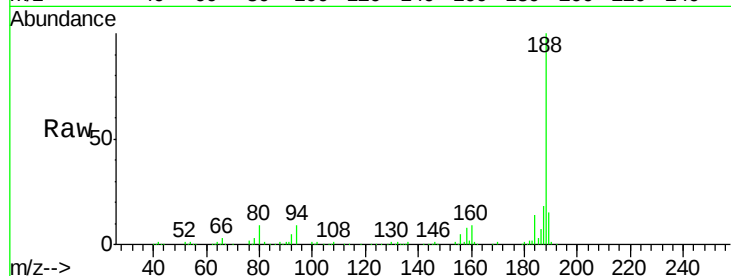




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100604.D
Acq: 15 Nov 2017 23:23

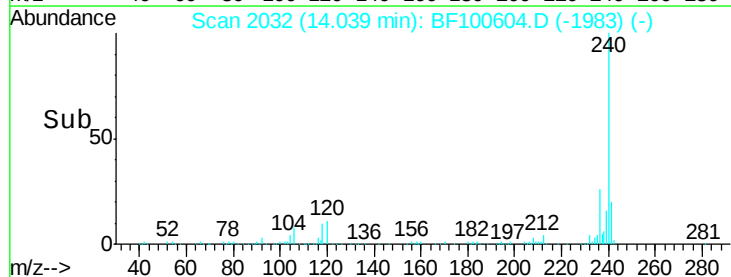
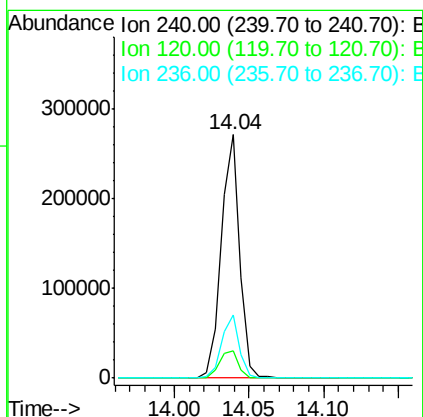
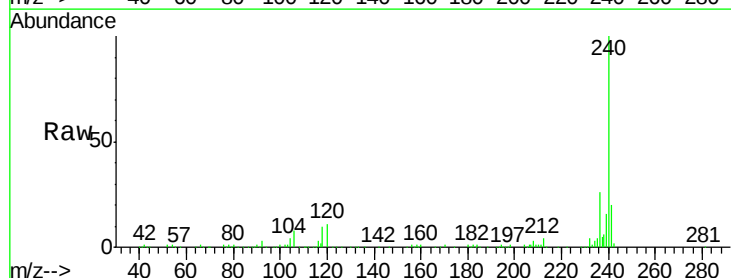
Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-D-S

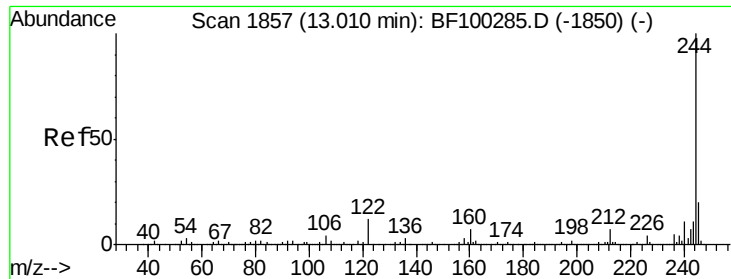
Tgt Ion:188 Resp: 267288
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100604.D
Acq: 15 Nov 2017 23:23

Tgt Ion:240 Resp: 236078
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 75.895 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100604.D

Acq: 15 Nov 2017 23:23

Instrument :

BNA_F

ClientSampleId :

110917-TIDO-E-D-S

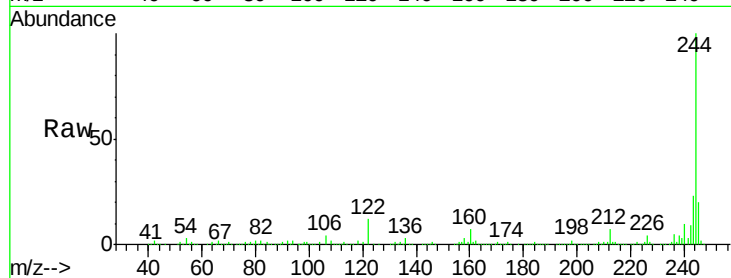
Tgt Ion:244 Resp: 779781

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

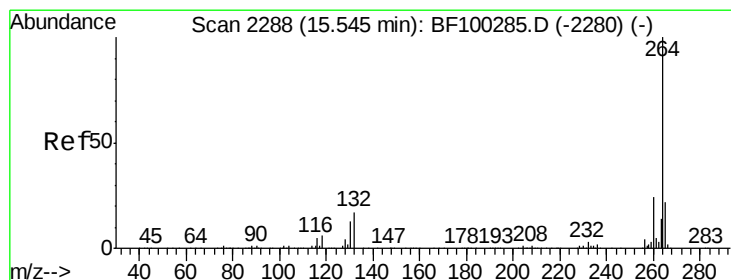
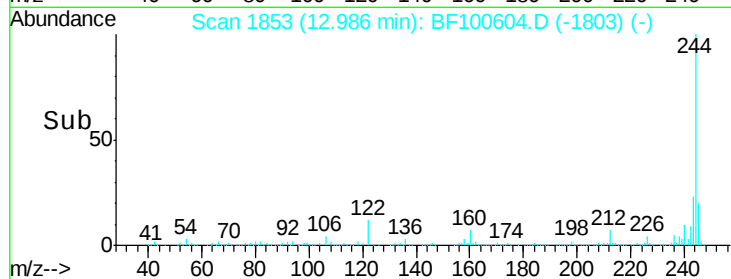
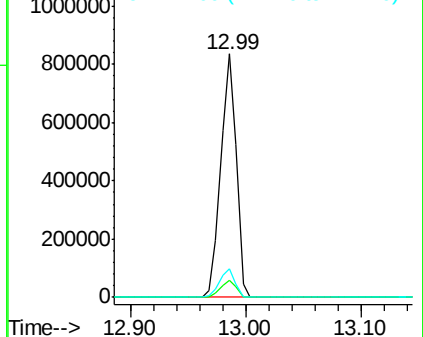
122 11.6 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100604.D

Acq: 15 Nov 2017 23:23

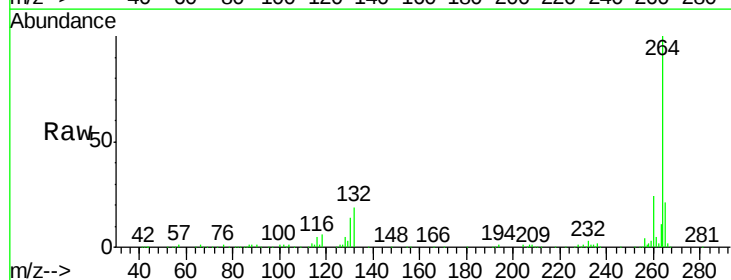
Tgt Ion:264 Resp: 241933

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

