

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101307.D
 Acq On : 12 Dec 2017 2:02
 Operator : SJ/JU
 Sample : PB104912BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BL

Quant Time: Dec 12 03:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47866	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	183781	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	79998	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	135533	20.00	ng	0.00
75) Chrysene-d12	14.01	240	102230	20.00	ng	0.00
86) Perylene-d12	15.49	264	86421	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	295409	101.98	ng	0.02
7) Phenol-d6	6.47	99	356794	101.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	314355	102.04	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	71428	74.33	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	659959	112.87	ng	0.00
78) Terphenyl-d14	12.95	244	470319	100.63	ng	0.00

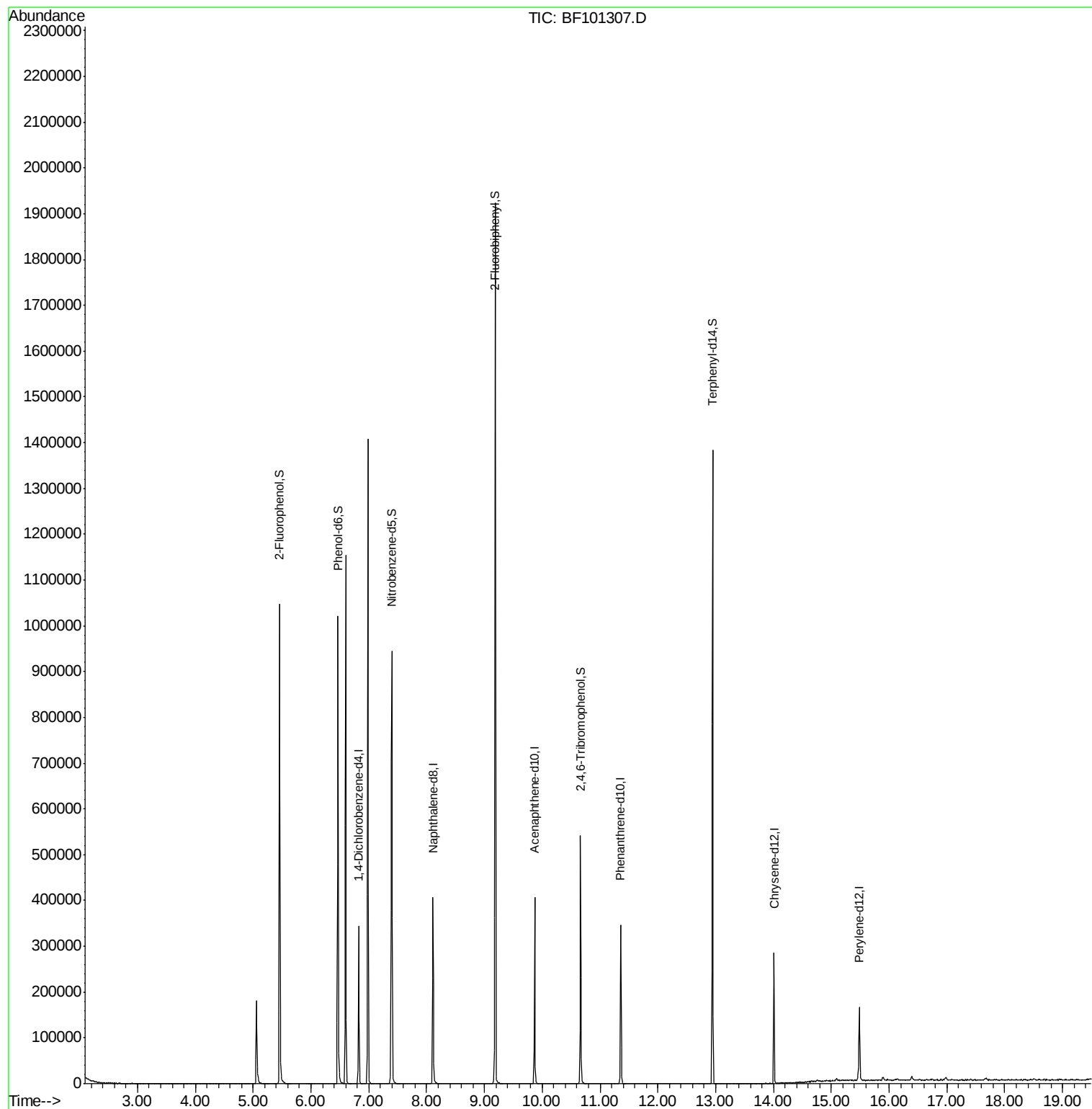
Target Compounds Qvalue

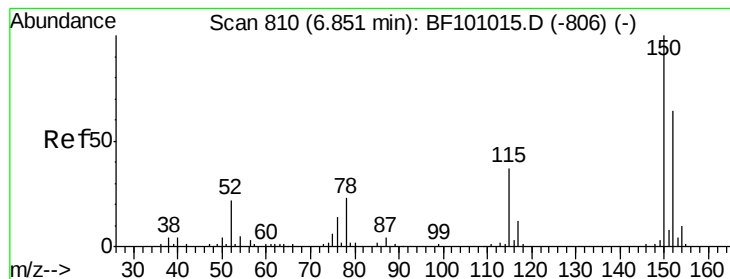
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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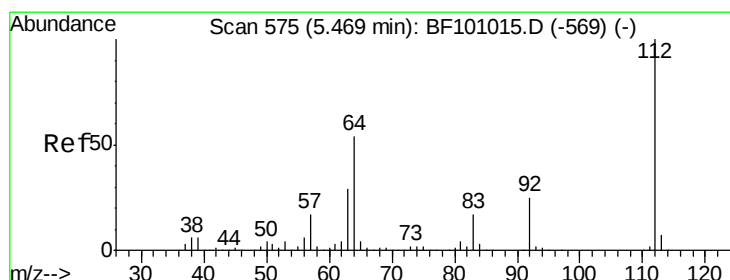
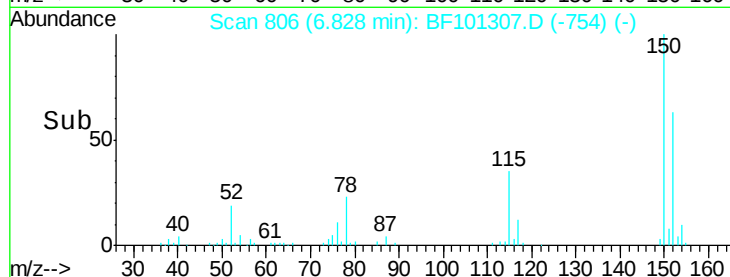
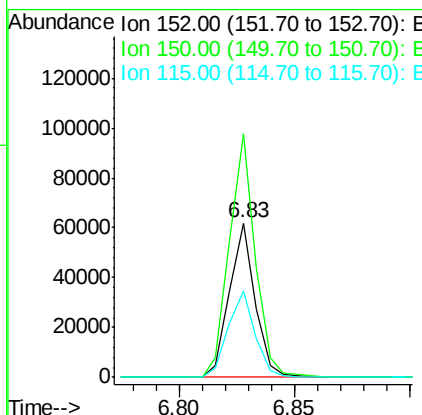
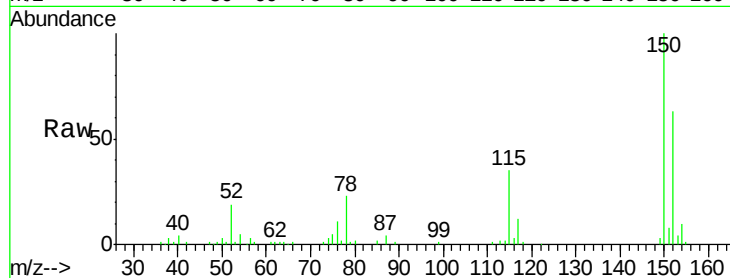


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101307.D
Acq: 12 Dec 2017 2:02

Instrument :
BNA_F
ClientSampleId :
PB104912BL

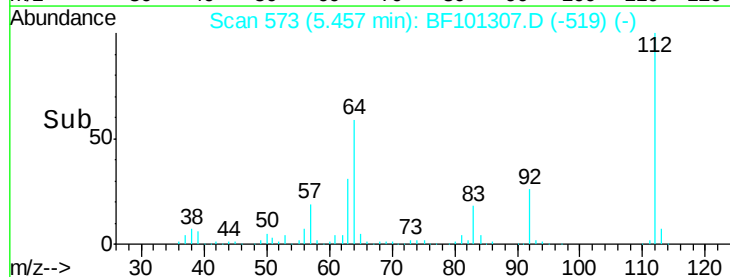
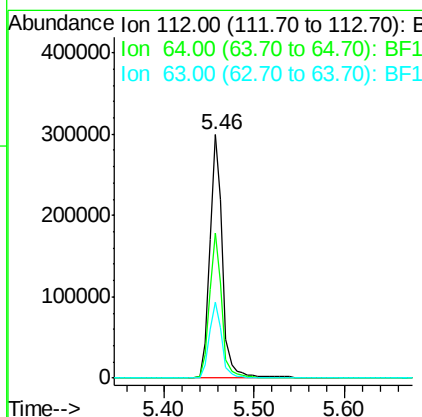
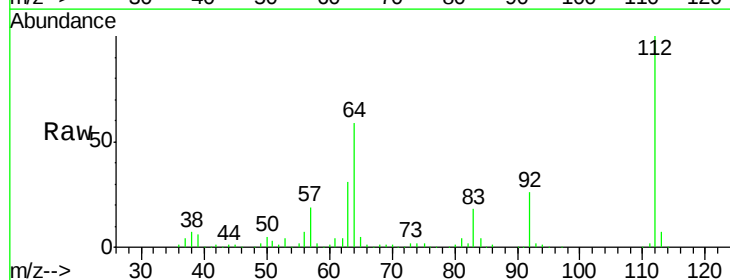
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	55.5	50.1	75.1



#5

2-Fluorophenol
Concen: 101.982 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101307.D
Acq: 12 Dec 2017 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 101.453 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

Instrument :

BNA_F

ClientSampleId :

PB104912BL

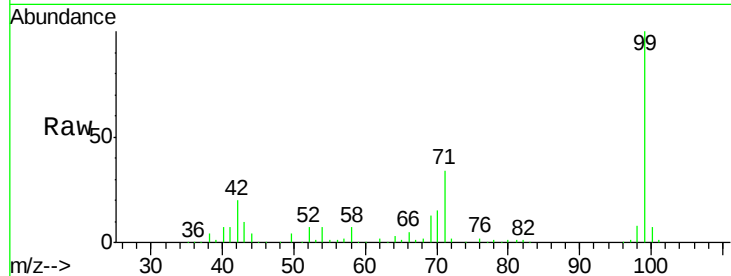
Tot Ion: 99 Resp: 356794

Ion Ratio Lower Upper

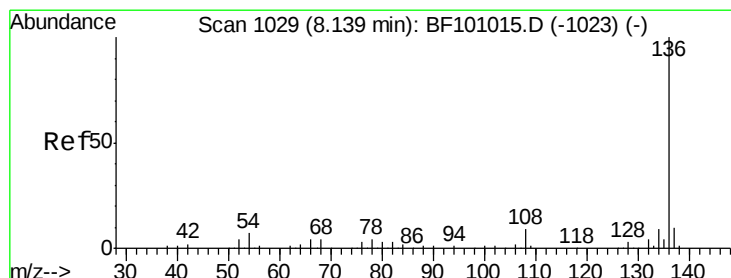
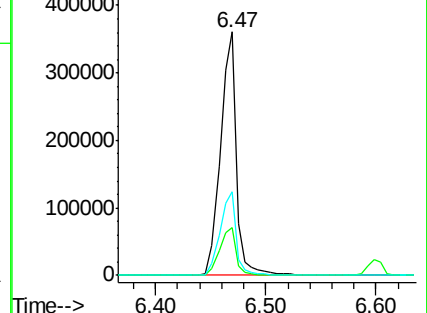
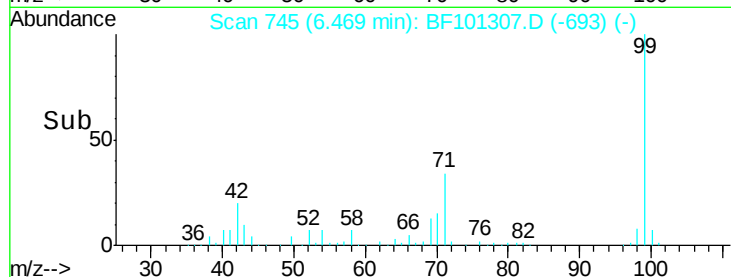
99 100

42 19.6 14.5 21.7

71 34.2 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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

Tgt Ion: 136 Resp: 183781

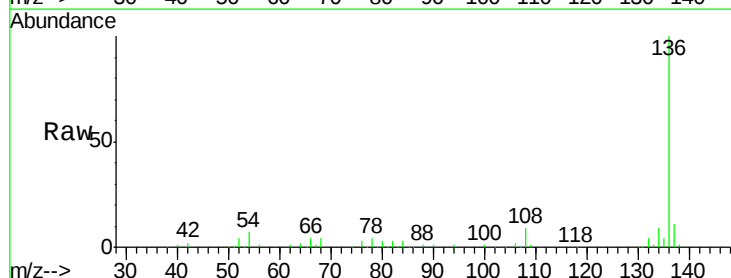
Ion Ratio Lower Upper

136 100

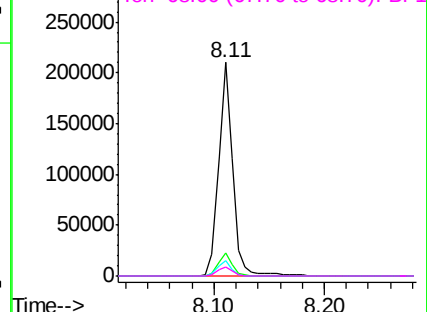
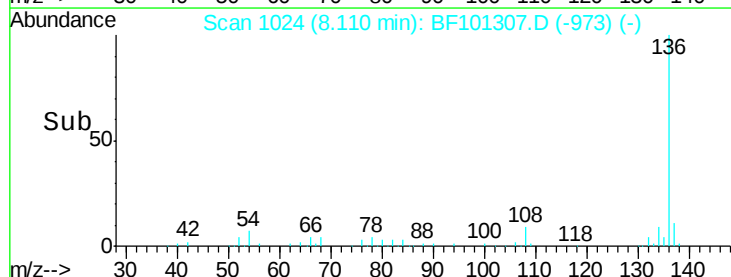
137 10.7 8.9 13.3

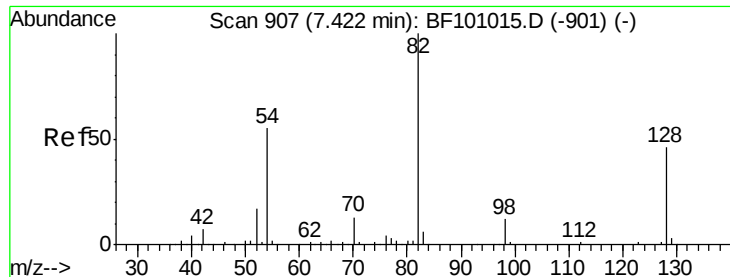
54 7.4 6.6 9.8

68 4.4 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

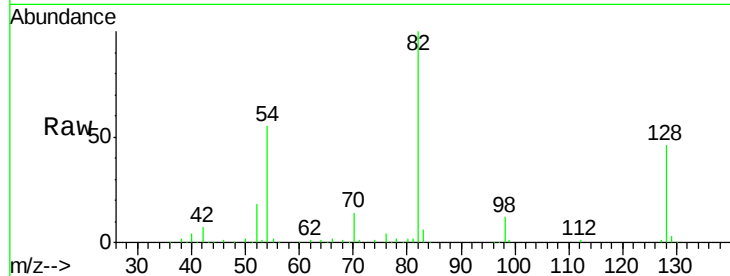




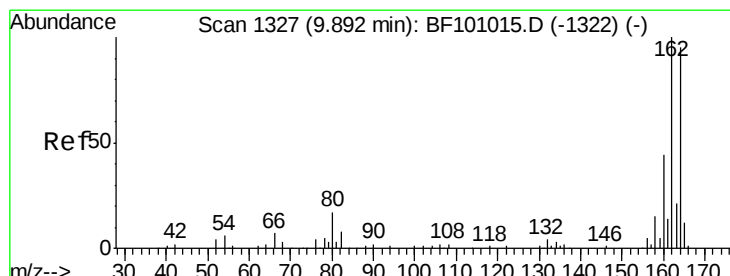
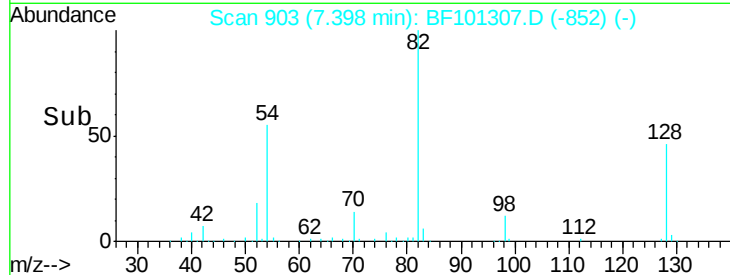
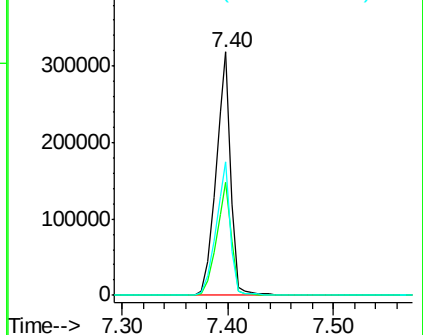
#23
 Nitrobenzene-d5
 Concen: 102.036 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101307.D
 Acq: 12 Dec 2017 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BL

Tot Ion: 82 Resp: 314355
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 55.0 41.4 62.2

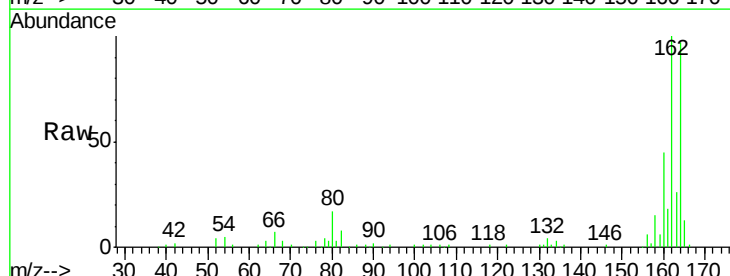


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

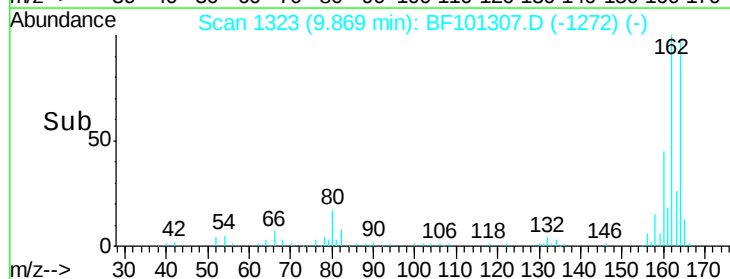
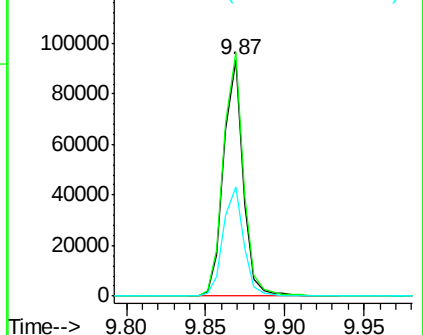


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101307.D
 Acq: 12 Dec 2017 2:02

Tgt Ion:164 Resp: 79998
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.1 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: 74.326 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

Instrument :

BNA_F

ClientSampleId :

PB104912BL

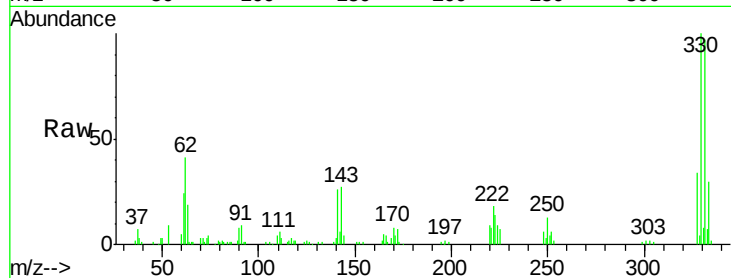
Tot Ion:330 Resp: 71428

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

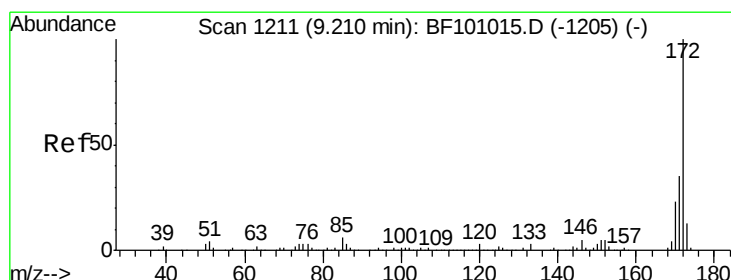
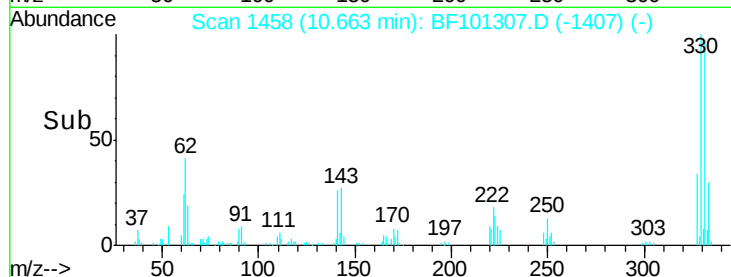
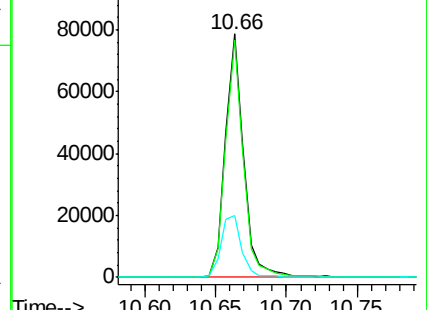
141 28.5 29.9 44.9#



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: 112.872 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

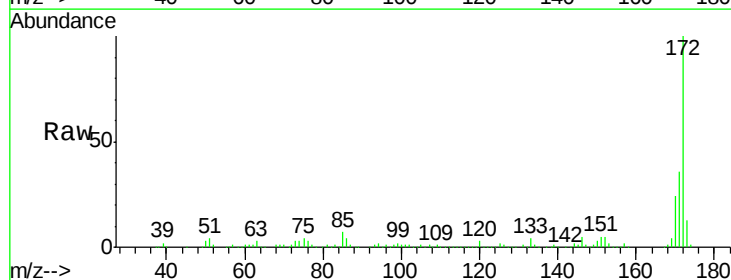
Tgt Ion:172 Resp: 659959

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

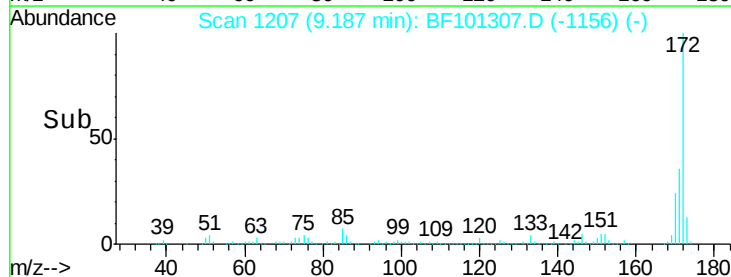
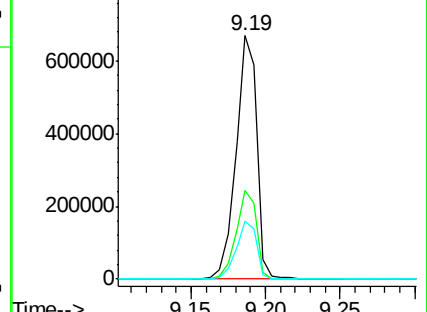
170 23.6 19.6 29.4

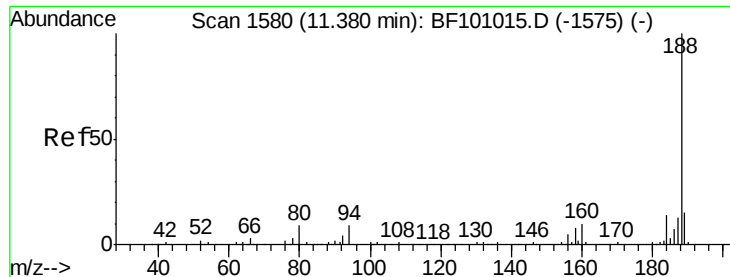


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

Instrument :

BNA_F

ClientSampleId :

PB104912BL

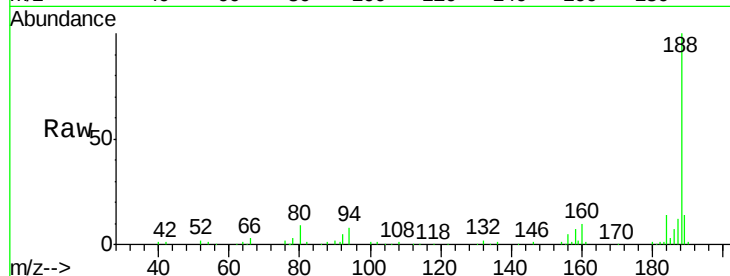
Tot Ion:188 Resp: 135533

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

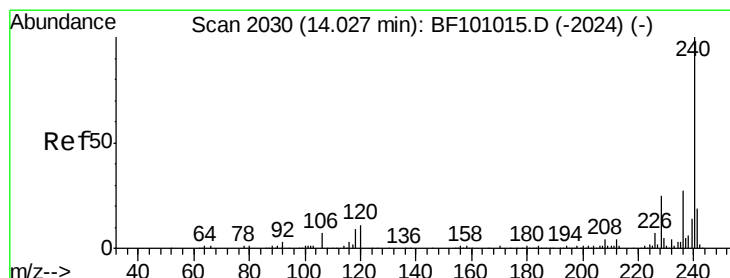
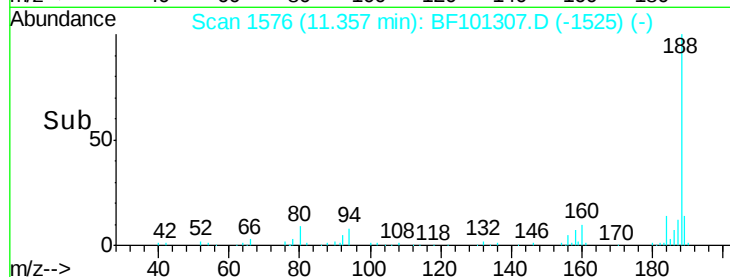
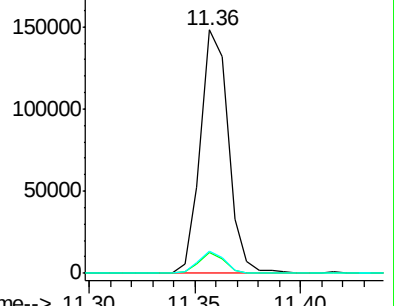
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

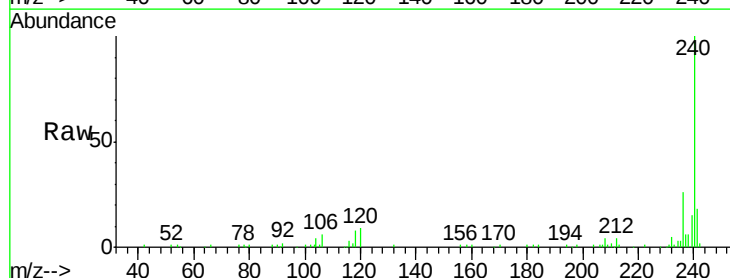
Tgt Ion:240 Resp: 102230

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

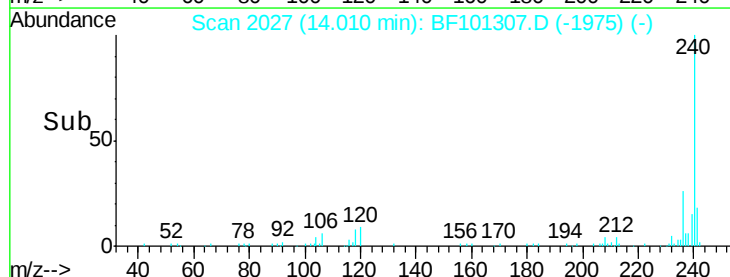
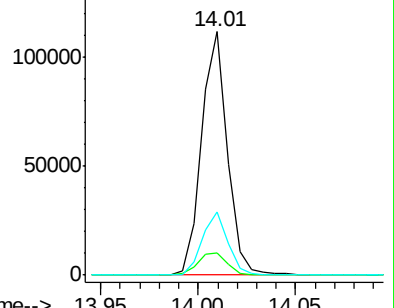
236 25.9 20.7 31.1

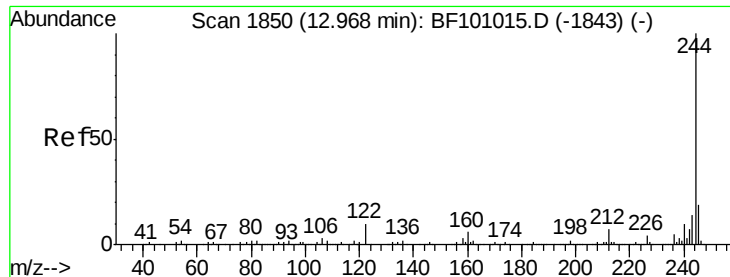


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.627 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

Instrument :

BNA_F

ClientSampleId :

PB104912BL

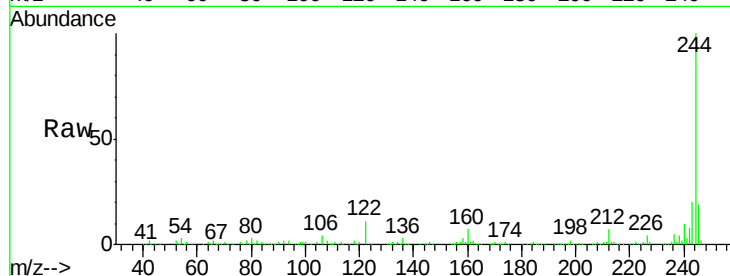
Tot Ion:244 Resp: 470319

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

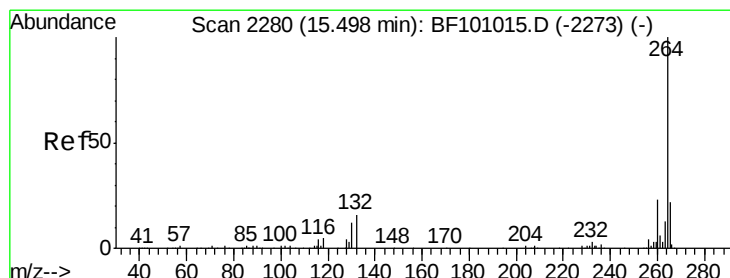
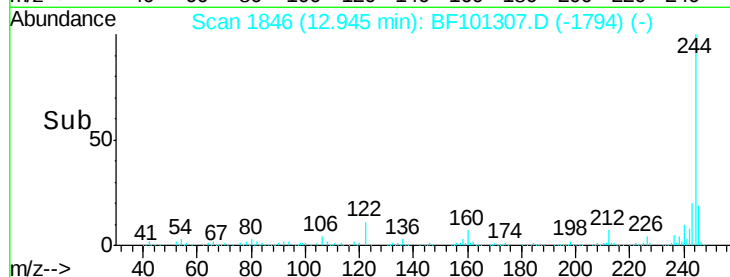
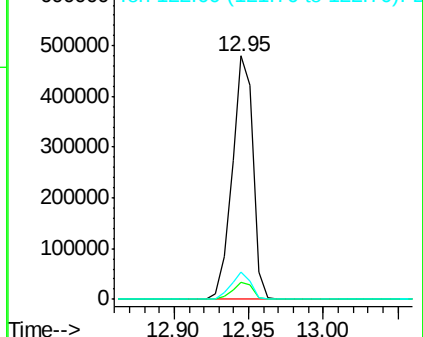
122 11.2 11.0 16.4



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# 2278

Delta R.T. 0.02 min

Lab File: BF101307.D

Acq: 12 Dec 2017 2:02

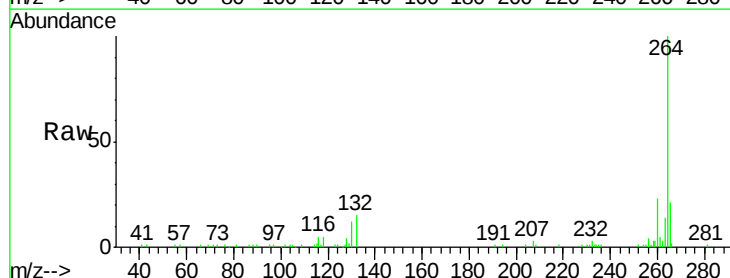
Tgt Ion:264 Resp: 86421

Ion Ratio Lower Upper

264 100

260 23.4 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

