

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103397.D
 Acq On : 3 Mar 2018 7:23
 Operator : SJ/JU
 Sample : J1751-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-C

Quant Time: Mar 05 00:31:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124806	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	511337	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199497	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	290256	20.00	ng	0.00
75) Chrysene-d12	14.07	240	201320	20.00	ng	0.00
86) Perylene-d12	15.57	264	134222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1049918	127.23	ng	0.02
7) Phenol-d6	6.52	99	1173691	116.23	ng	0.00
23) Nitrobenzene-d5	7.45	82	831156	92.83	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	191497	113.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1250267	118.53	ng	0.00
78) Terphenyl-d14	13.00	244	879420	105.01	ng	0.00

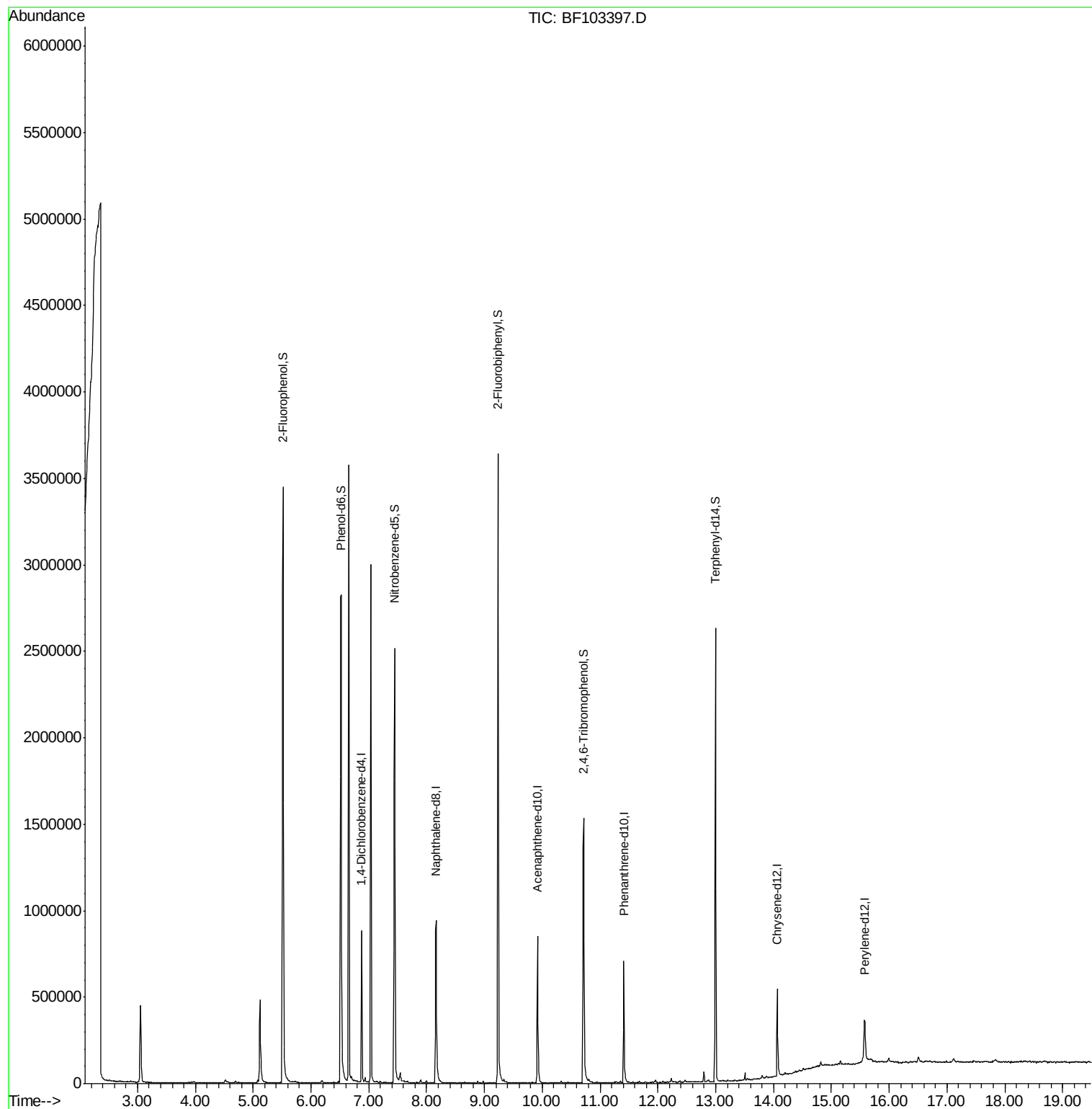
Target Compounds	Qvalue
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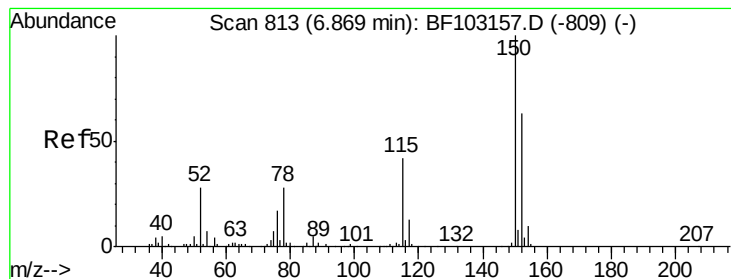
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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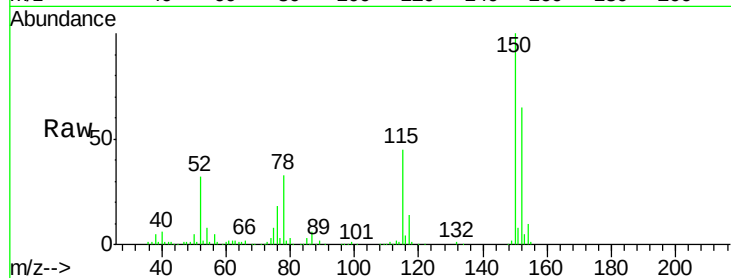


#1

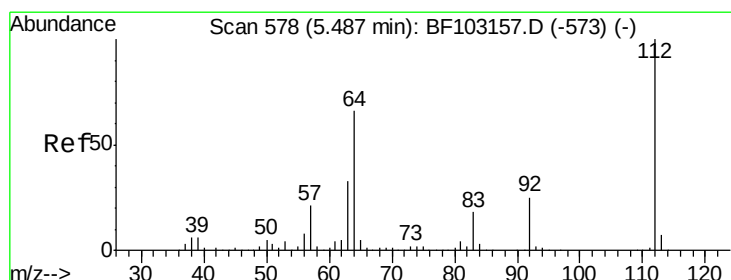
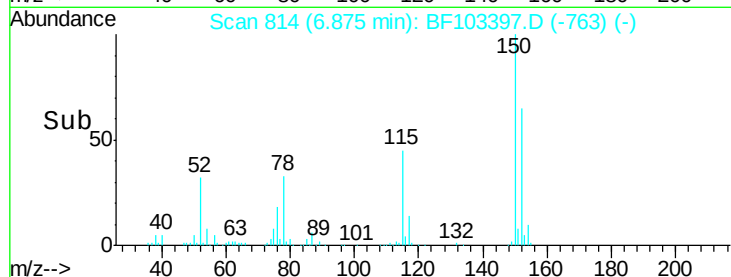
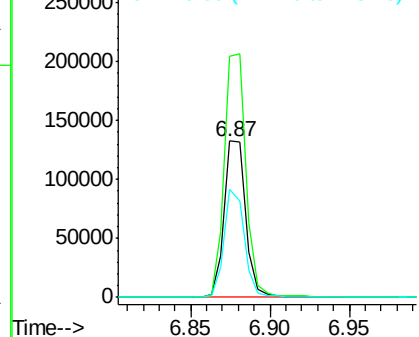
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-C

Tot Ion:152 Resp: 124806
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 69.2 50.1 75.1



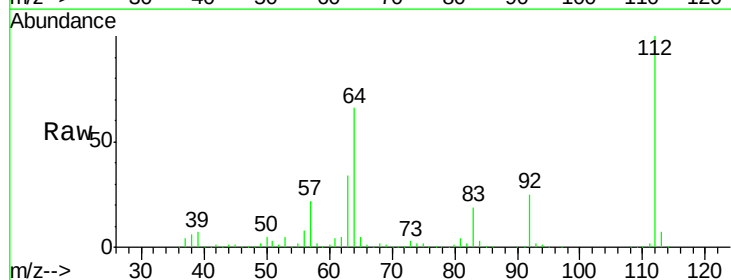
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



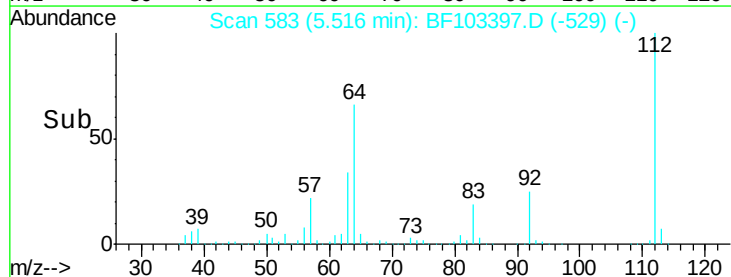
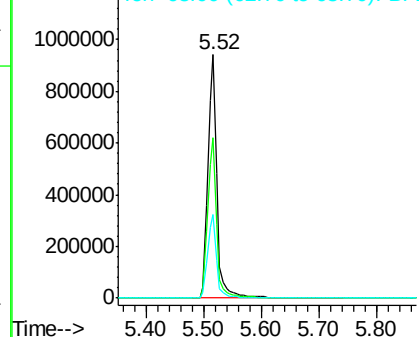
#5

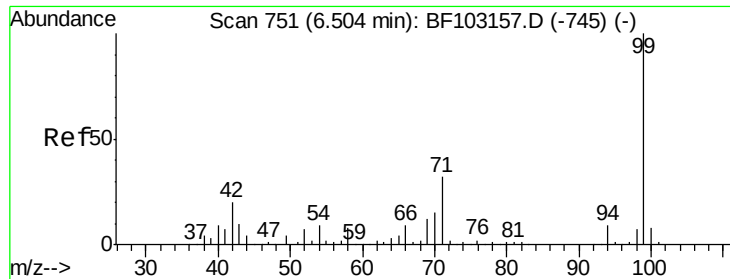
2-Fluorophenol
Concen: 127.232 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion:112 Resp: 1049918
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 34.4 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: 116.235 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-C

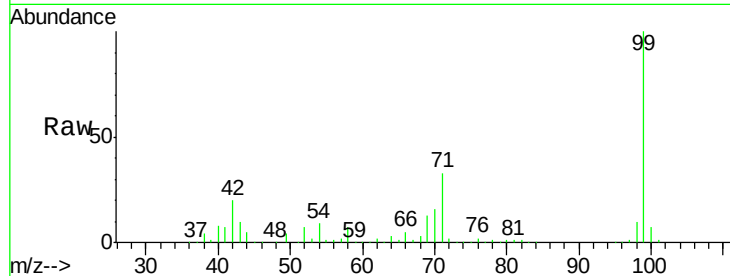
Tot Ion: 99 Resp: 1173691

Ion Ratio Lower Upper

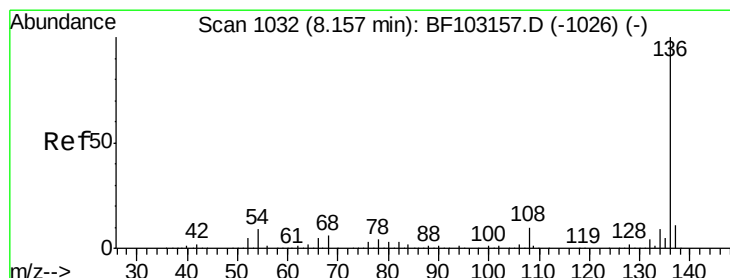
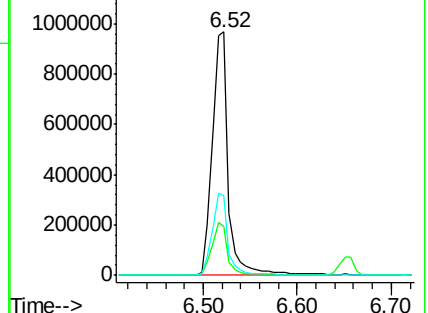
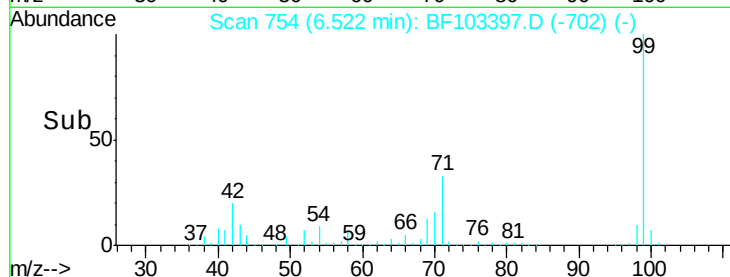
99 100

42 20.2 14.5 21.7

71 32.7 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. 0.00 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Tgt Ion: 136 Resp: 511337

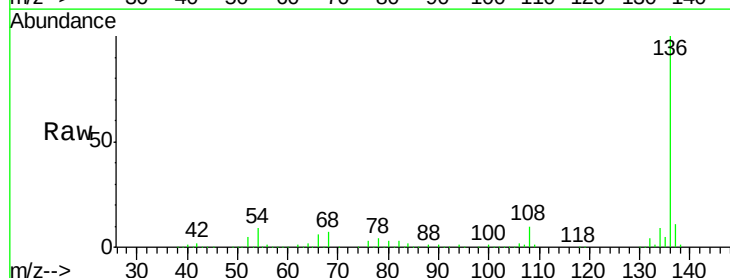
Ion Ratio Lower Upper

136 100

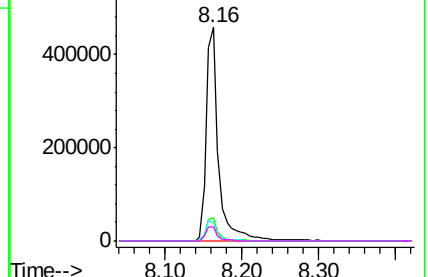
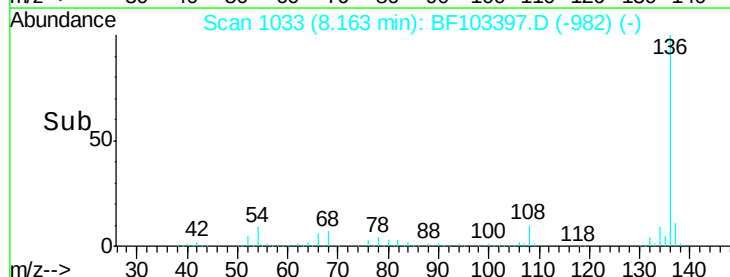
137 10.6 8.9 13.3

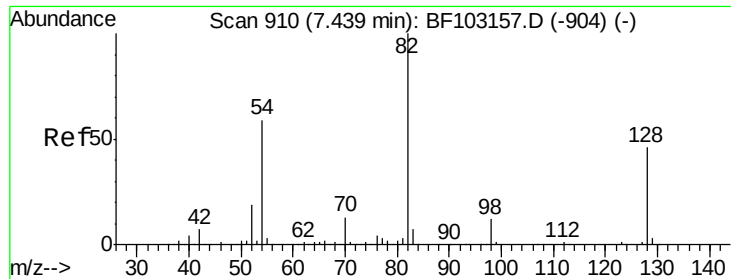
54 8.7 6.6 9.8

68 6.5 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

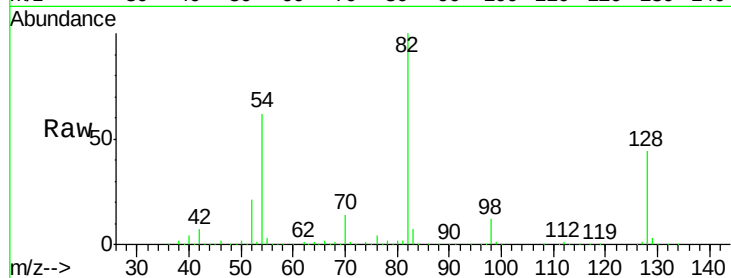




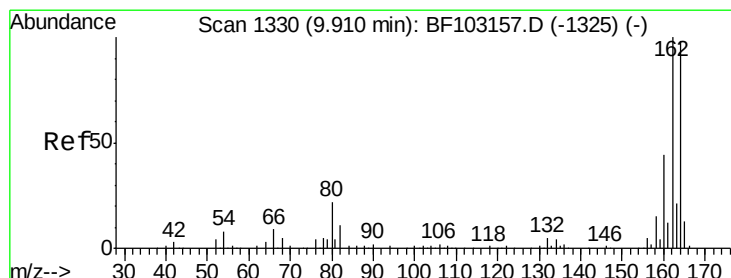
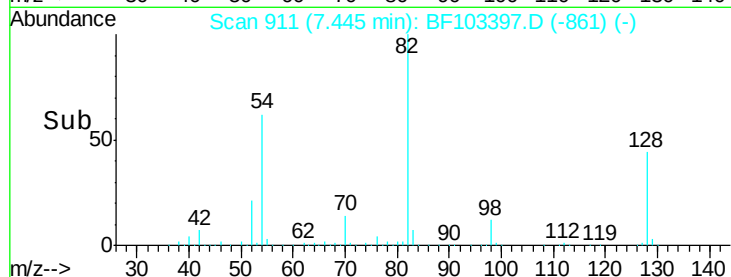
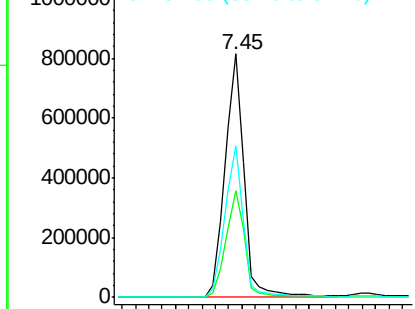
#23
Nitrobenzene-d5
Concen: 92.827 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-C

Tot Ion: 82 Resp: 831156
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 62.1 41.4 62.2

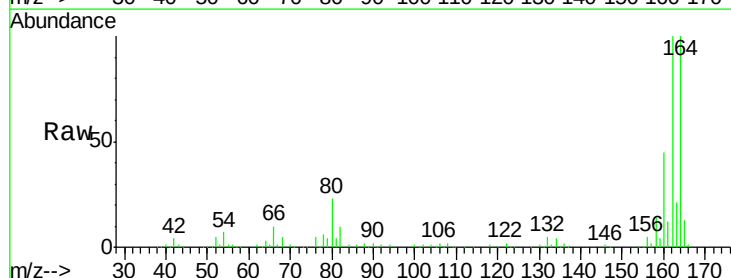


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

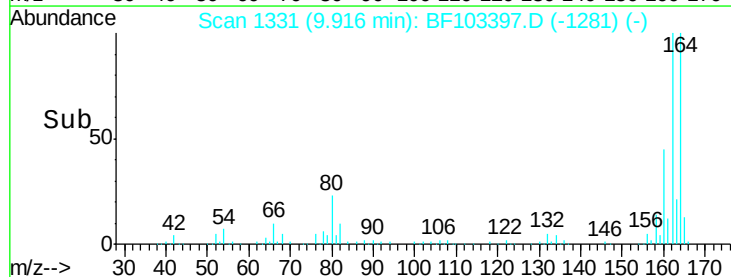
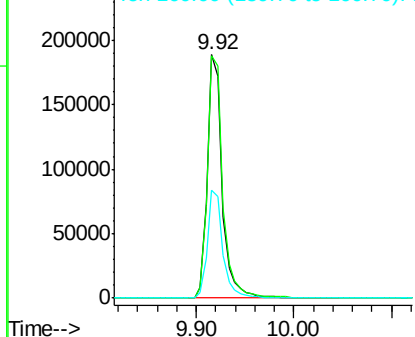


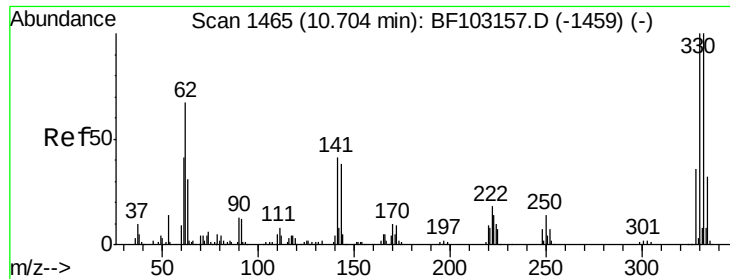
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103397.D
Acq: 3 Mar 2018 7:23

Tgt Ion: 164 Resp: 199497
Ion Ratio Lower Upper
164 100
162 99.7 86.1 129.1
160 44.5 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

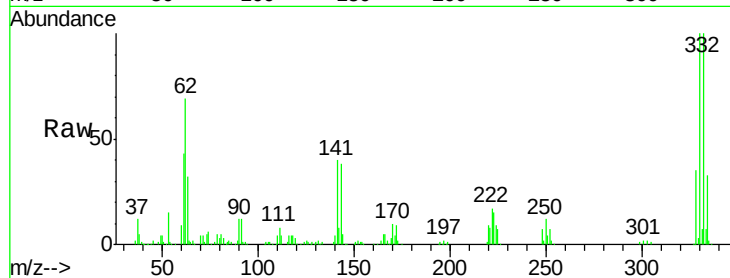




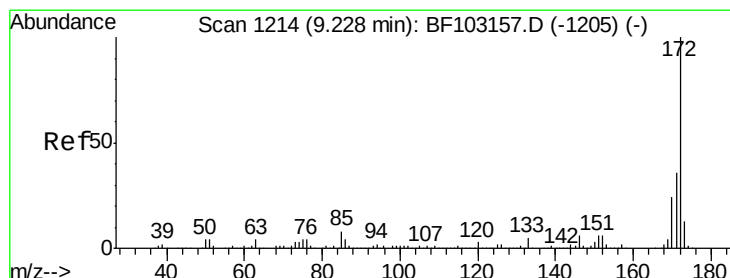
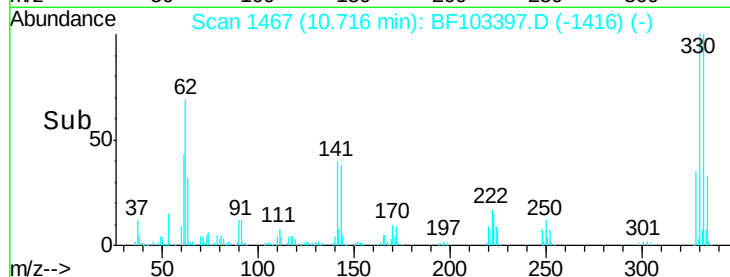
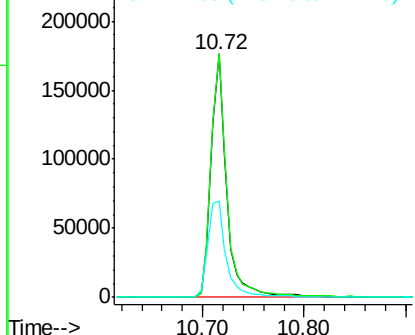
#41
 2,4,6-Tribromophenol
 Concen: 113.404 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-C

Tot Ion:330 Resp: 191497
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 47.2 29.9 44.9#

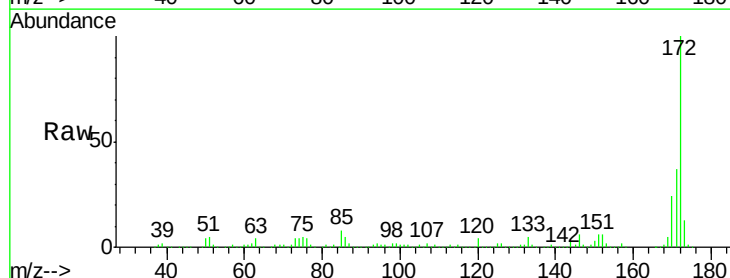


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

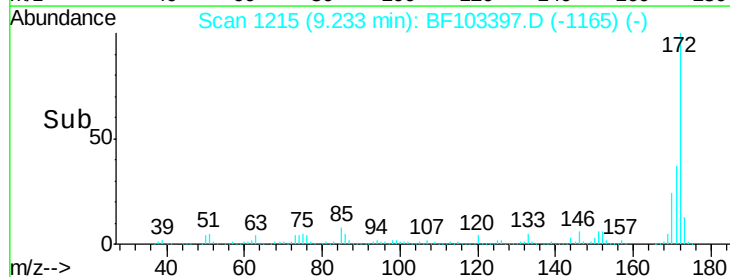
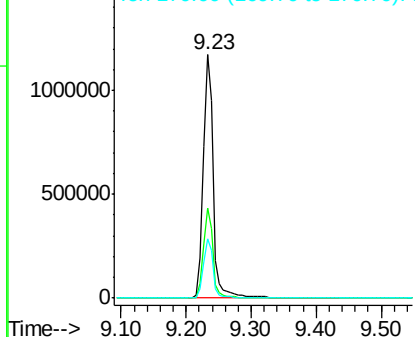


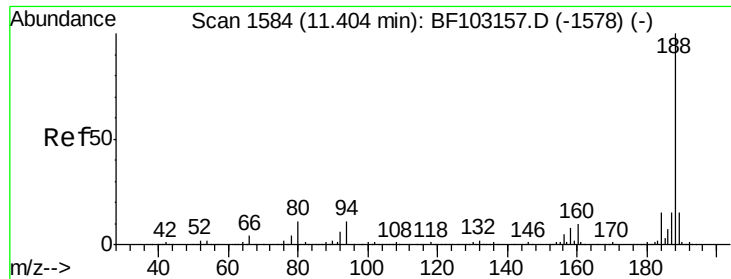
#44
 2-Fluorobiphenyl
 Concen: 118.531 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103397.D
 Acq: 3 Mar 2018 7:23

Tgt Ion:172 Resp: 1250267
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.4 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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-C

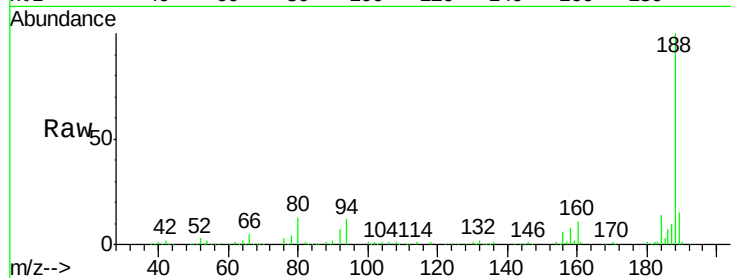
Tot Ion:188 Resp: 290256

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

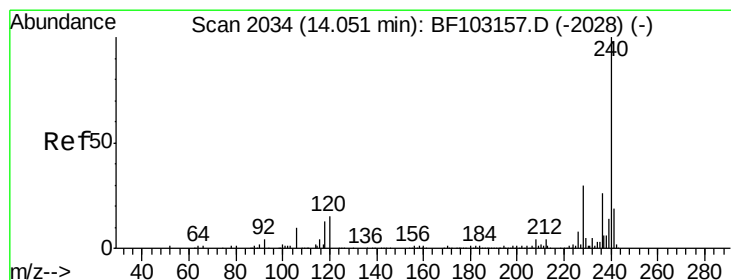
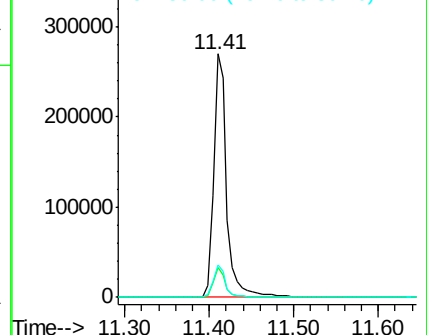
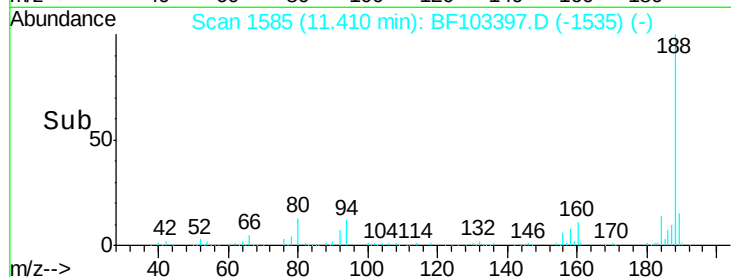
80 13.4 9.2 13.8



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

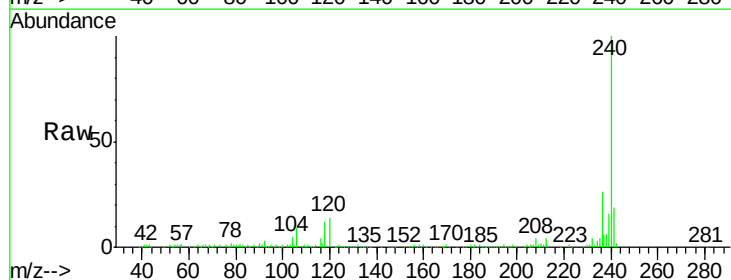
Tgt Ion:240 Resp: 201320

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

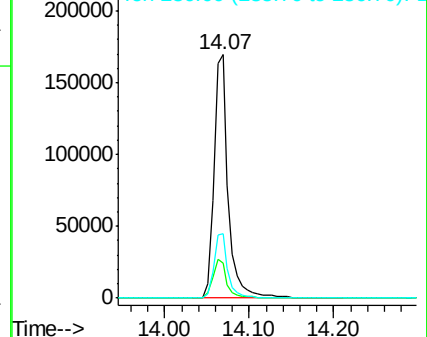
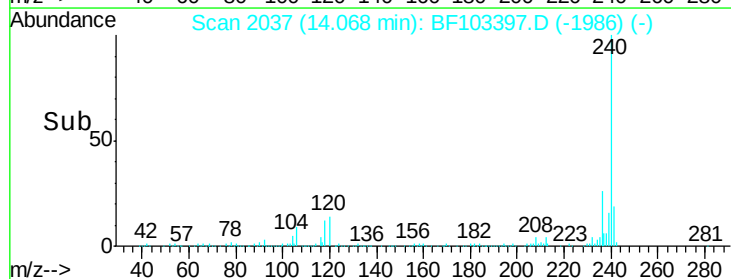
236 26.5 20.7 31.1

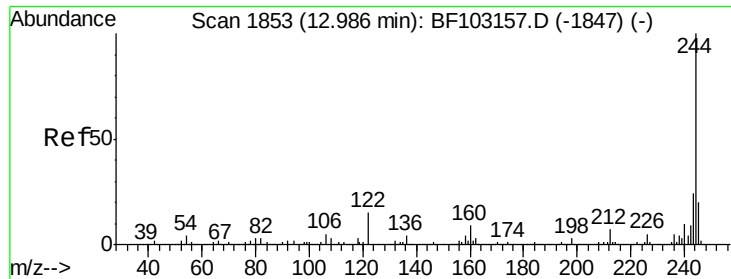


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.007 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-C

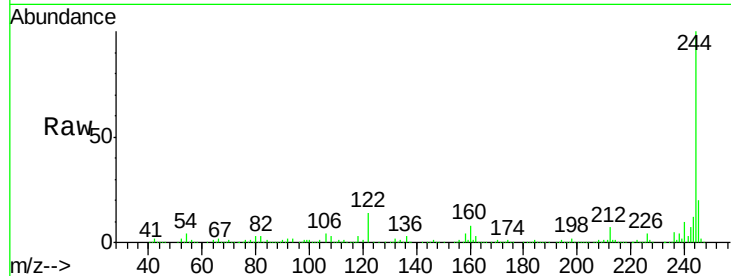
Tot Ion:244 Resp: 879420

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 14.4 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

1200000

1000000

800000

600000

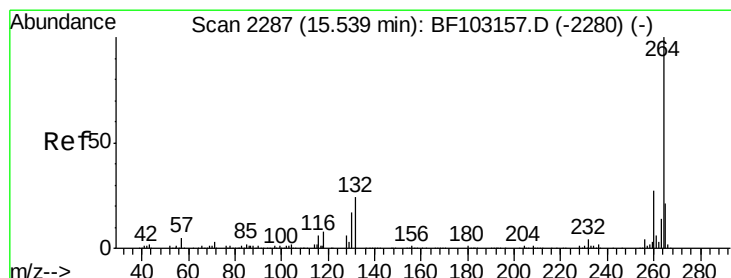
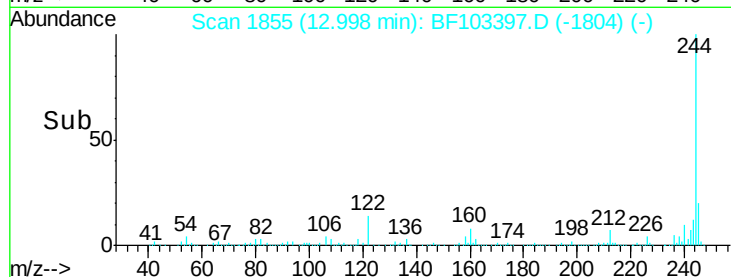
400000

200000

0

13.00

Time--> 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103397.D

Acq: 3 Mar 2018 7:23

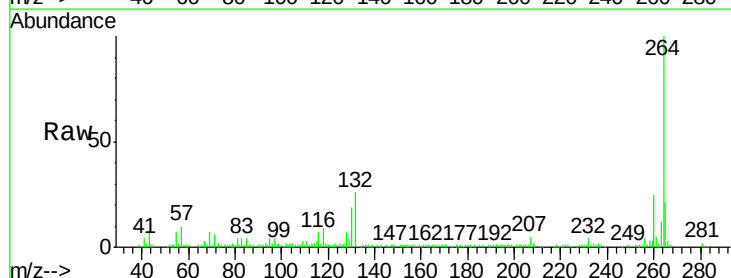
Tgt Ion:264 Resp: 134222

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.3 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

100000

80000

60000

40000

20000

0

15.57

Time--> 15.50 15.60 15.70

