

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103084.D
 Acq On : 19 Feb 2018 16:05
 Operator : SJ/JU
 Sample : J1606-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOK

Quant Time: Feb 19 17:44:10 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

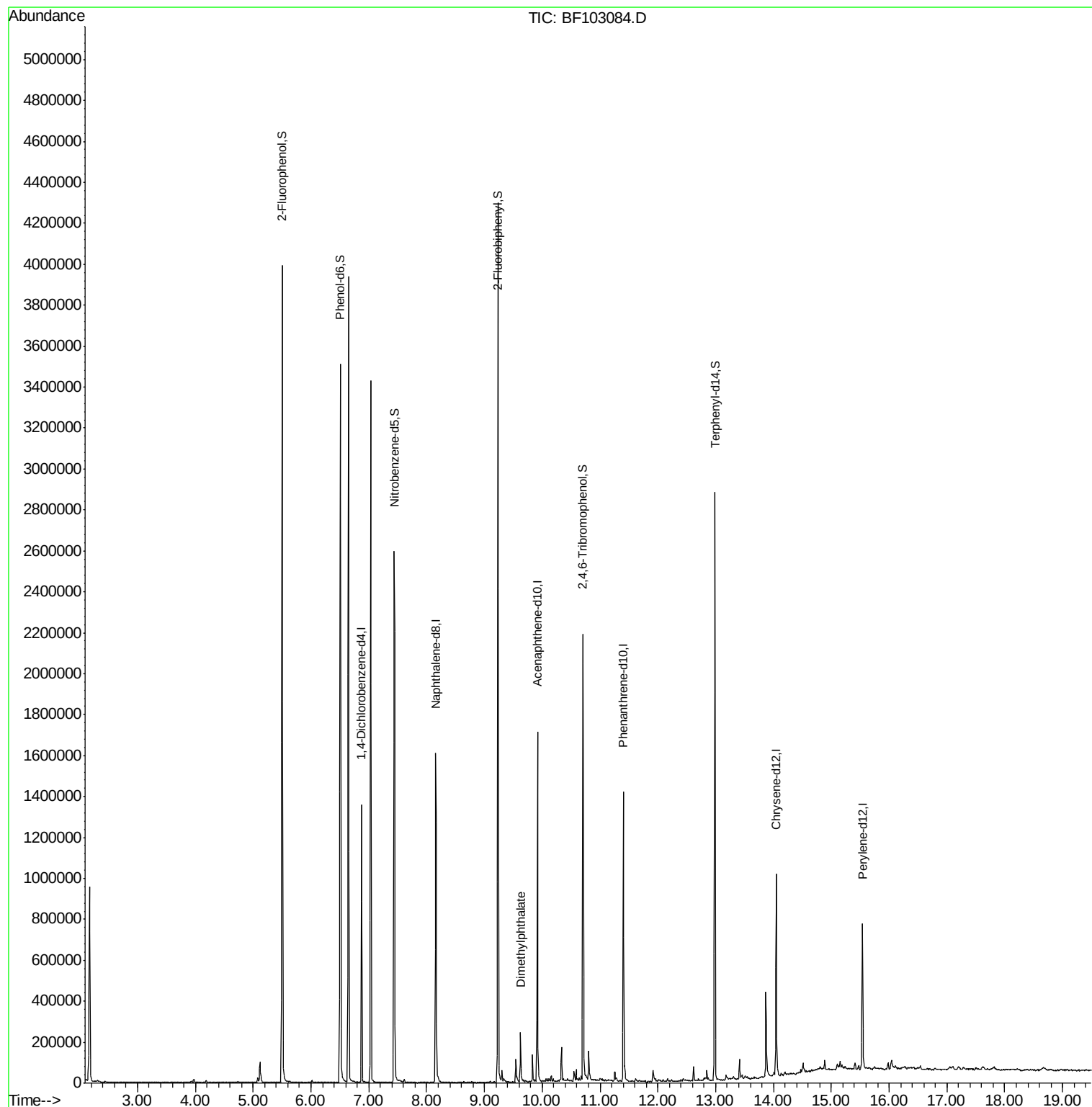
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180969	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	736628	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319445	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	490038	20.00	ng	0.00
75) Chrysene-d12	14.04	240	298704	20.00	ng	-0.01
86) Perylene-d12	15.54	264	318358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1160021	97.35	ng	0.01
7) Phenol-d6	6.51	99	1407395	98.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	907561	85.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	276373	107.49	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1356879	70.48	ng	0.00
78) Terphenyl-d14	12.99	244	927356	73.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	87935	3.530	ng	Qvalue # 98

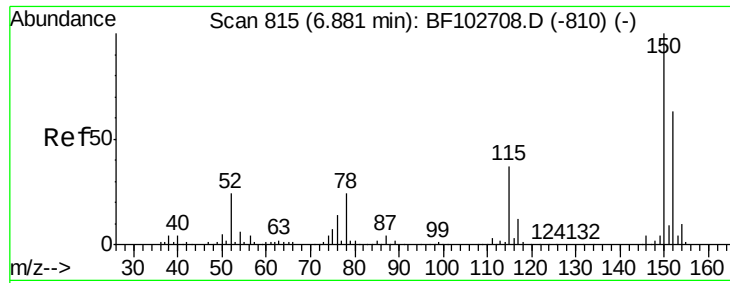
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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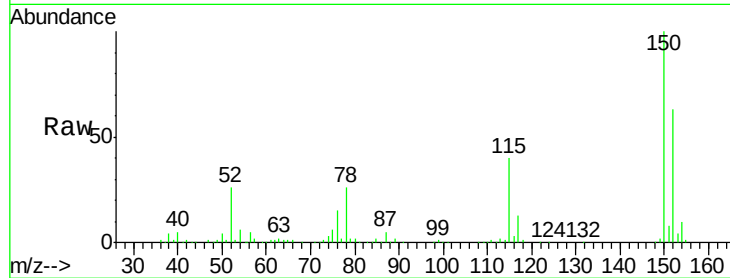


#1

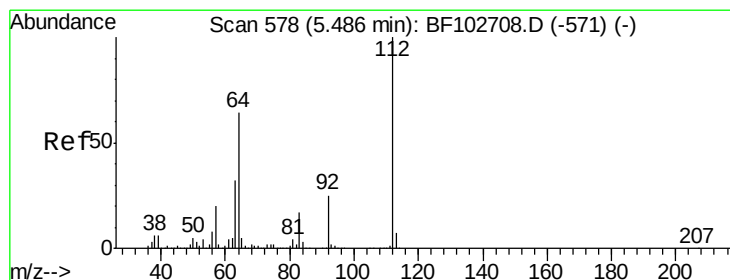
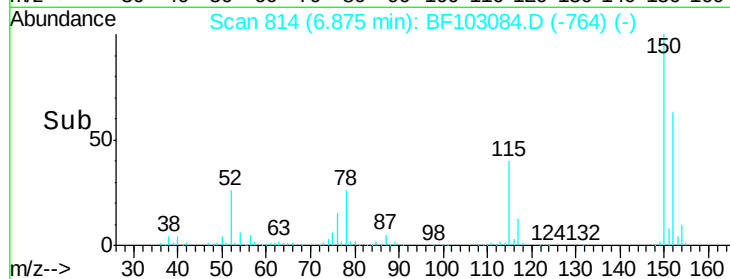
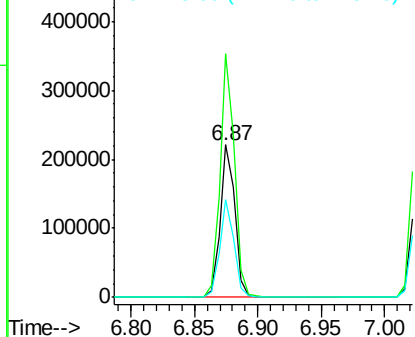
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampled :
BROOK

Tgt Ion:152 Resp: 180969
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 64.2 50.1 75.1



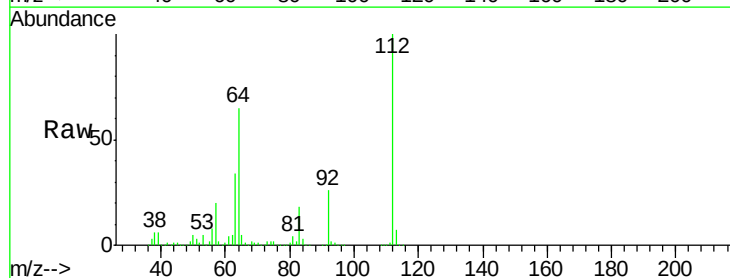
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



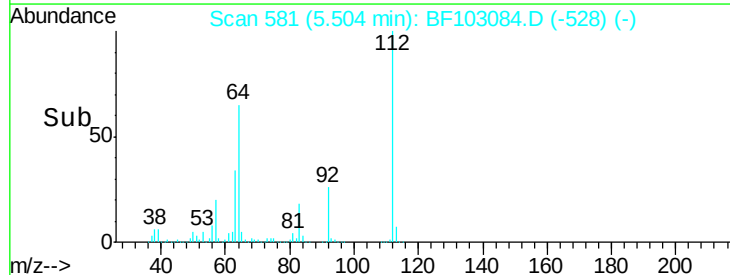
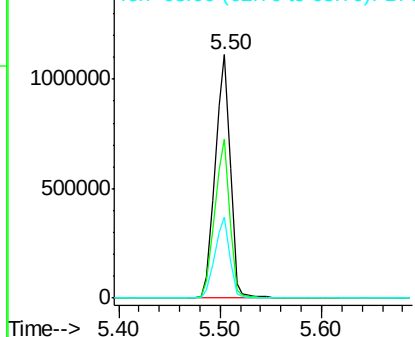
#5

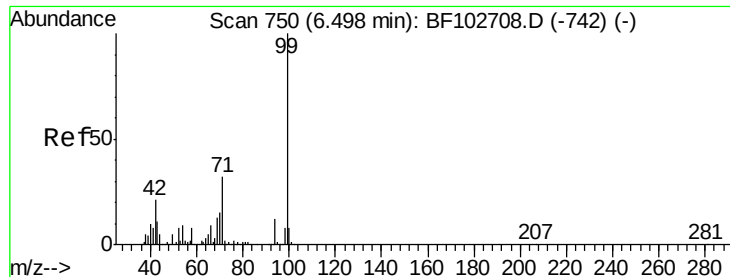
2-Fluorophenol
Concen: 97.347 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:112 Resp: 1160021
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 33.5 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: 98.090 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

Instrument :

BNA_F

ClientSampleId :

BROOK

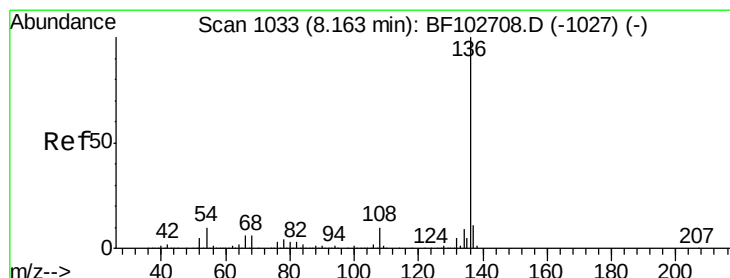
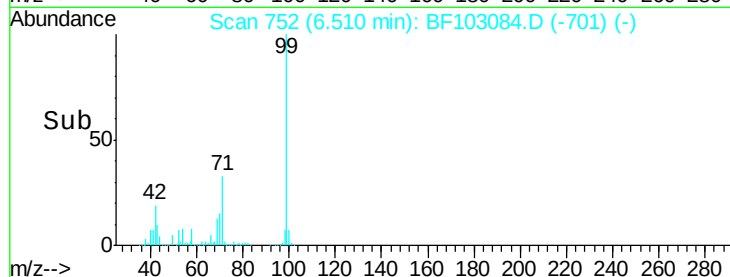
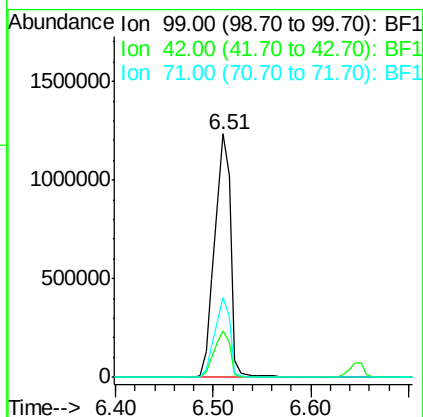
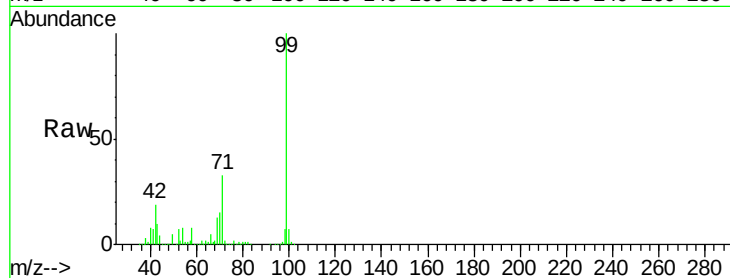
Tgt Ion: 99 Resp: 1407395

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

Tgt Ion: 136 Resp: 736628

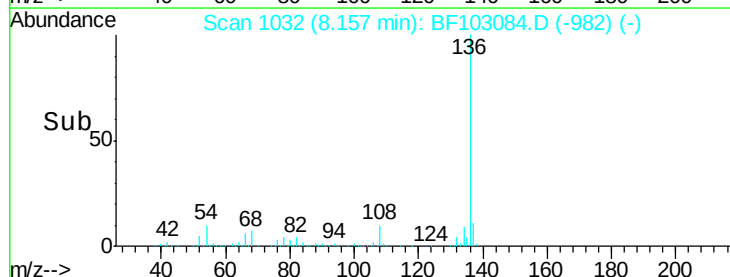
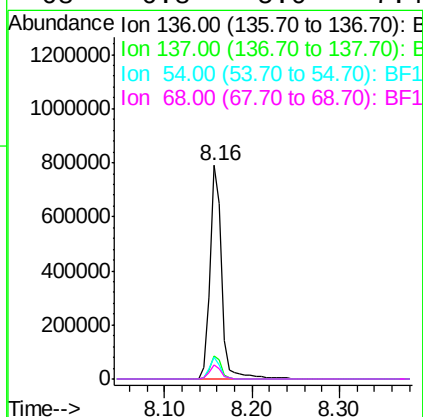
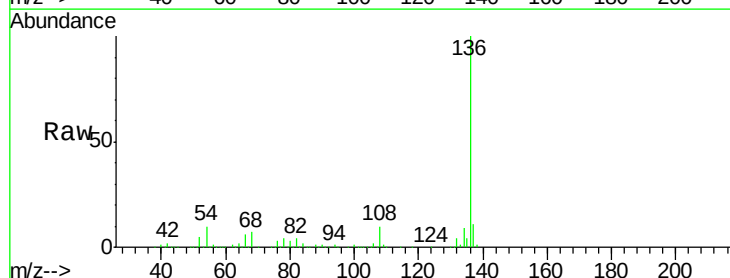
Ion Ratio Lower Upper

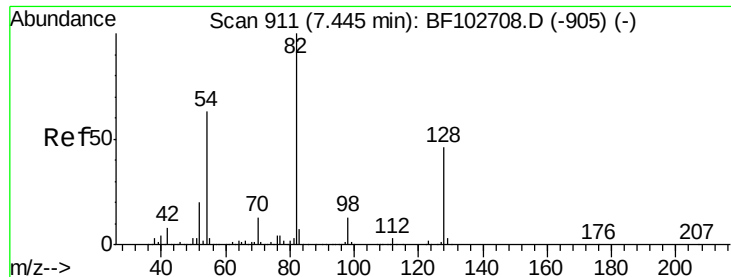
136 100

137 10.8 8.9 13.3

54 10.2 6.6 9.8#

68 6.8 5.0 7.4

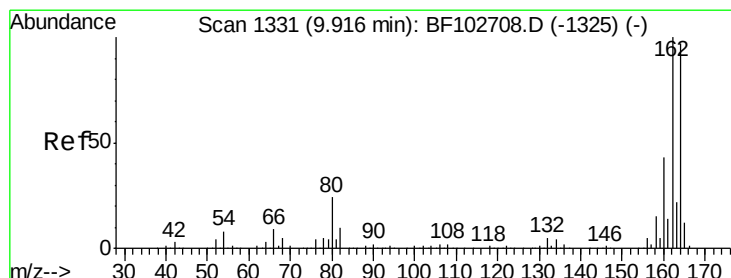
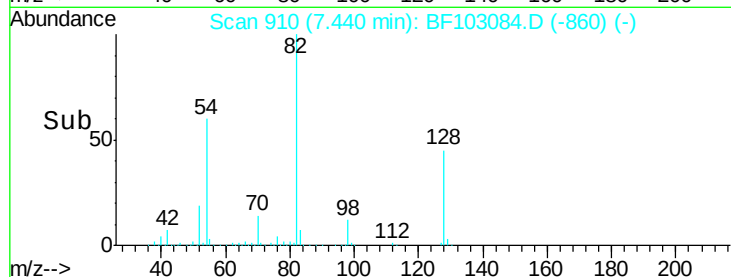
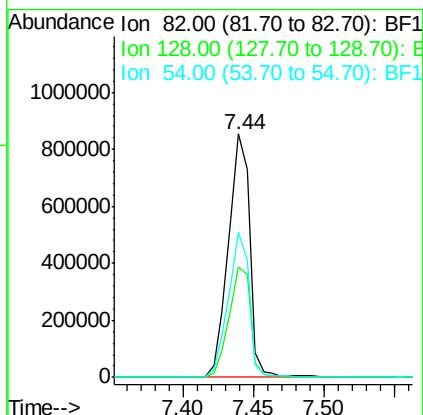
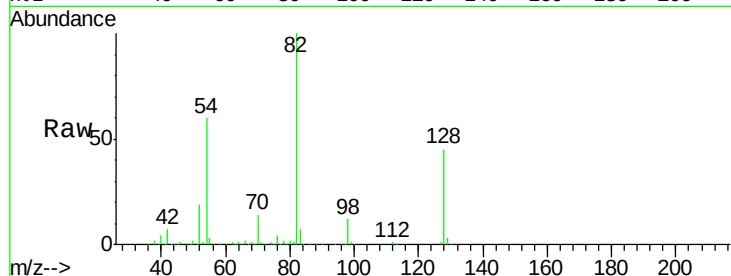




#23
 Nitrobenzene-d5
 Concen: 85.468 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103084.D
 Acq: 19 Feb 2018 16:05

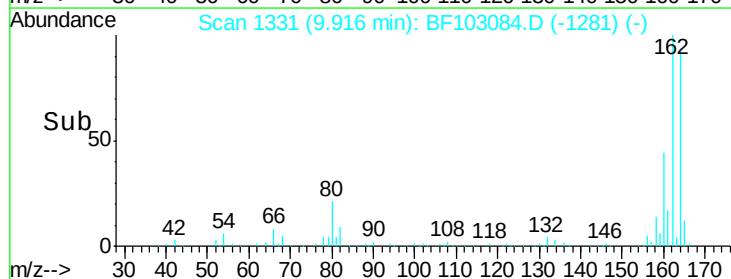
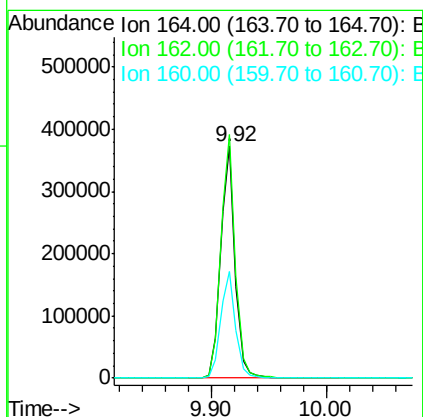
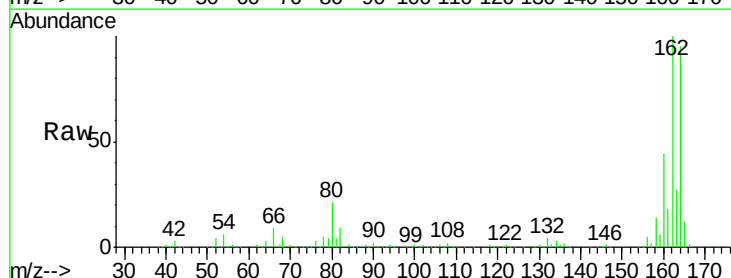
Instrument :
 BNA_F
 ClientSampleId :
 BROOK

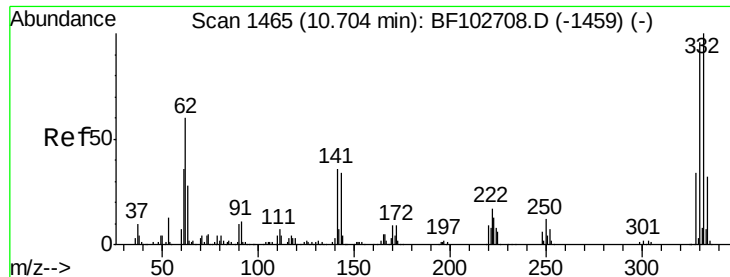
Tgt Ion: 82 Resp: 907561
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 59.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103084.D
 Acq: 19 Feb 2018 16:05

Tgt Ion: 164 Resp: 319445
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.9 38.3 57.5

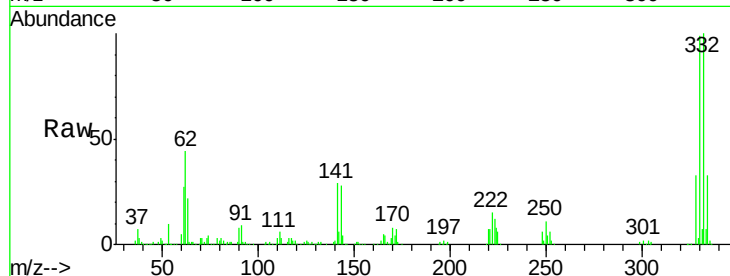




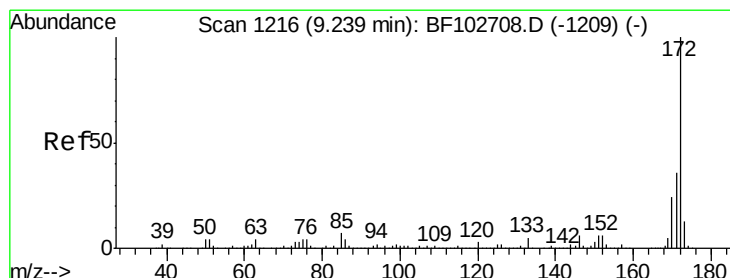
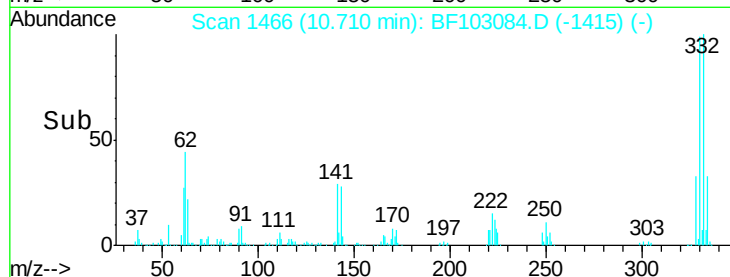
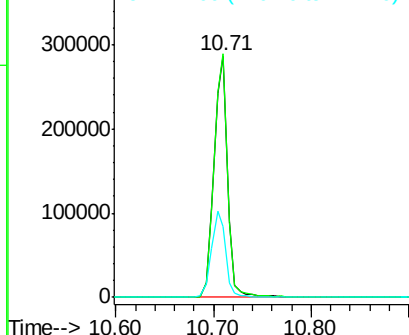
#41
 2,4,6-Tribromophenol
 Concen: 107.490 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103084.D
 Acq: 19 Feb 2018 16:05

Instrument :
 BNA_F
 ClientSampleId :
 BROOK

Tgt Ion:330 Resp: 276373
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.0 115.6
 141 37.3 29.9 44.9

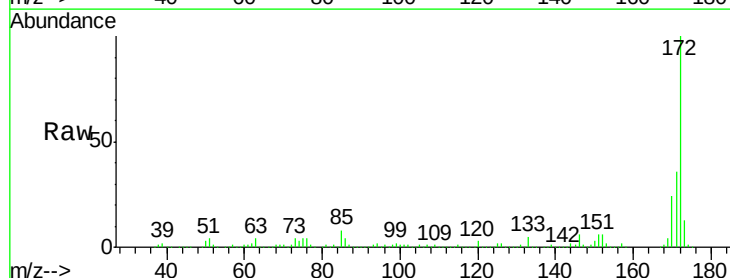


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

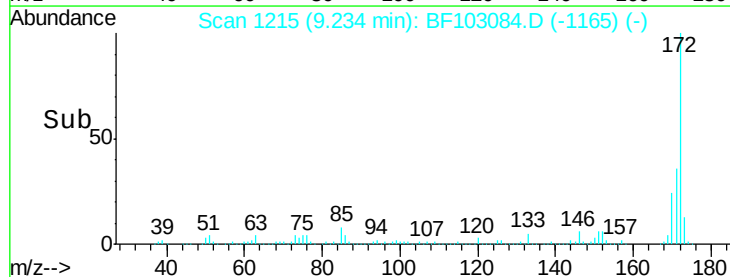
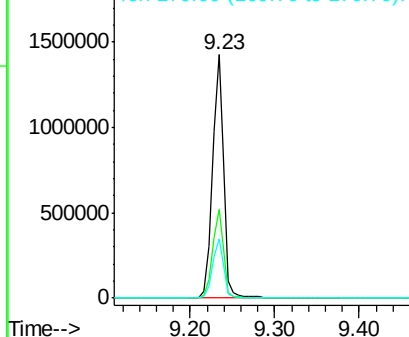


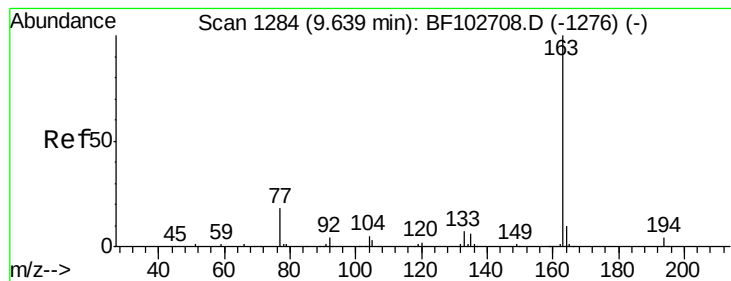
#44
 2-Fluorobiphenyl
 Concen: 70.483 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103084.D
 Acq: 19 Feb 2018 16:05

Tgt Ion:172 Resp: 1356879
 Ion Ratio Lower Upper
 172 100
 171 36.5 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





#49

Dimethylphthalate

Concen: 3.530 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

Instrument :

BNA_F

ClientSampleId :

BROOK

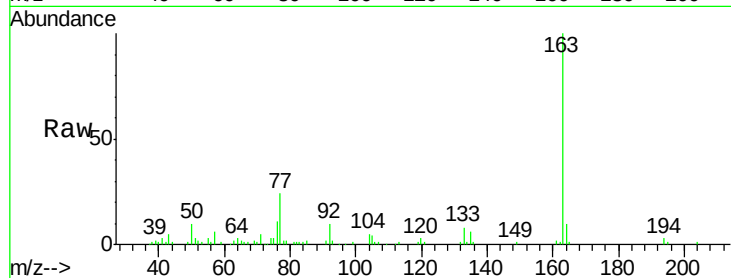
Tgt Ion:163 Resp: 87935

Ion Ratio Lower Upper

163 100

194 2.6 2.7 4.1#

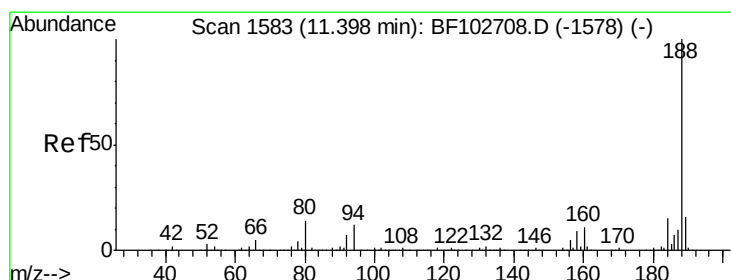
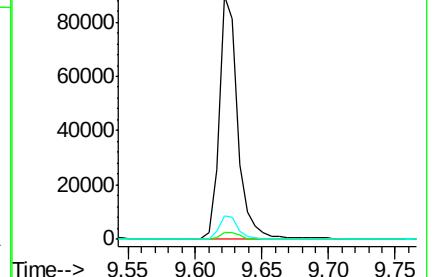
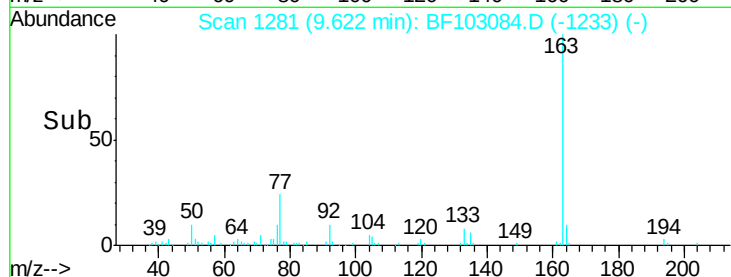
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

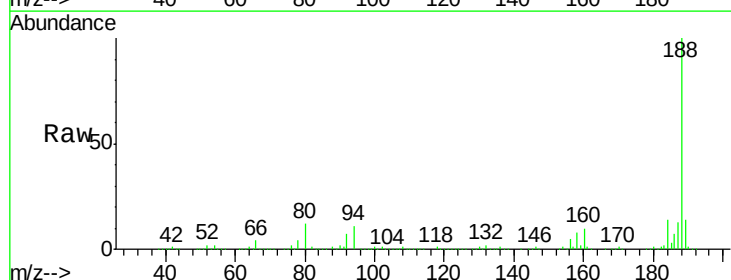
Tgt Ion:188 Resp: 490038

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

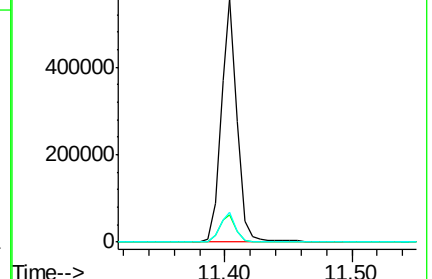
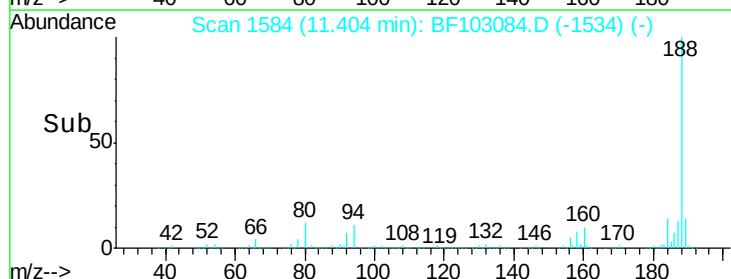
80 12.1 9.2 13.8

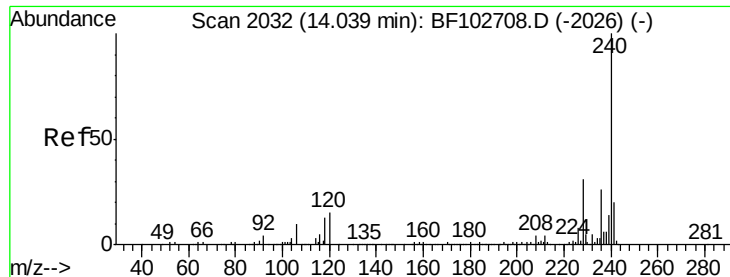


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

Instrument :

BNA_F

ClientSampleId :

BROOK

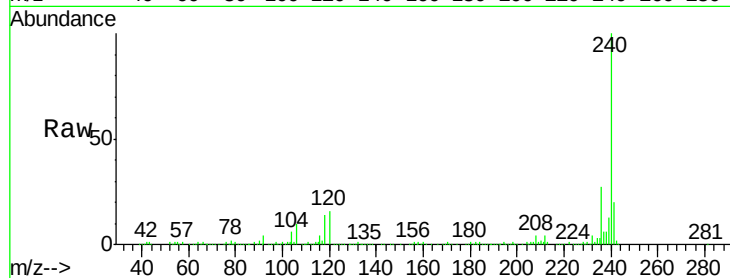
Tgt Ion:240 Resp: 298704

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

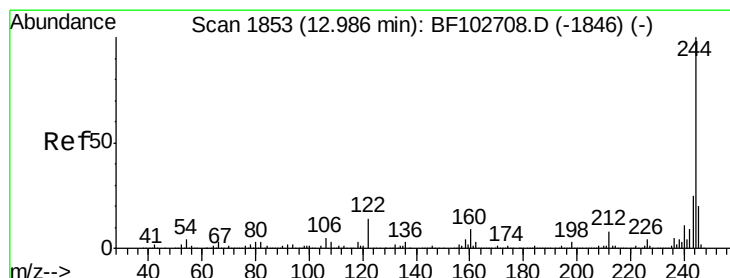
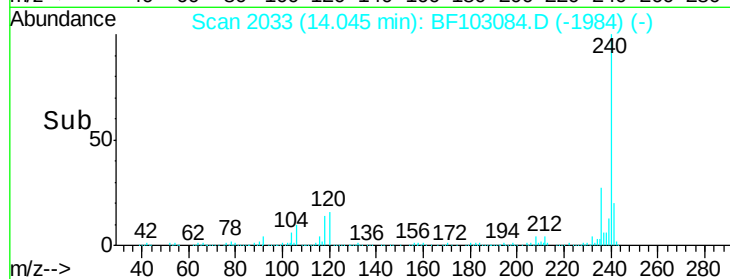
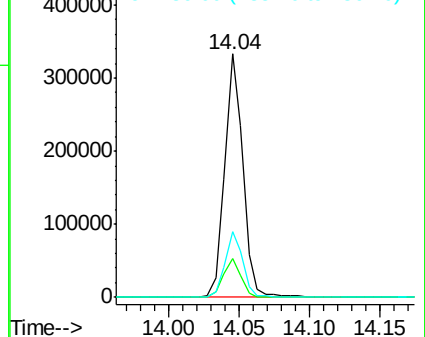
236 26.8 20.7 31.1



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: 73.510 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103084.D

Acq: 19 Feb 2018 16:05

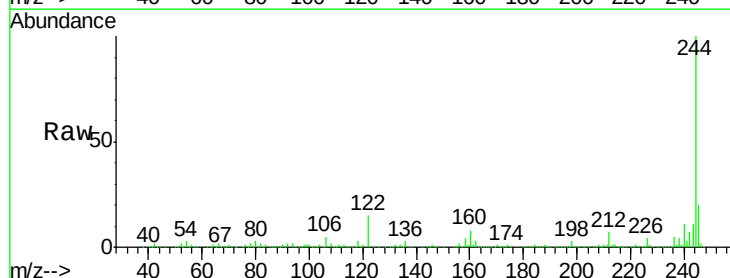
Tgt Ion:244 Resp: 927356

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

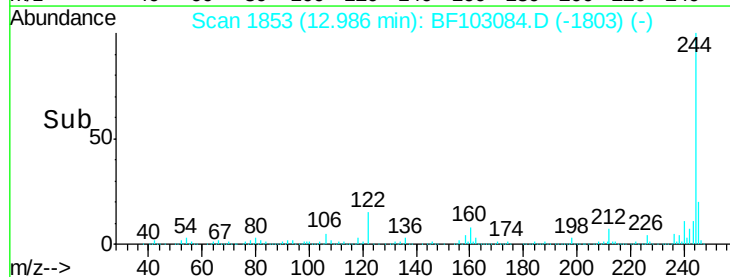
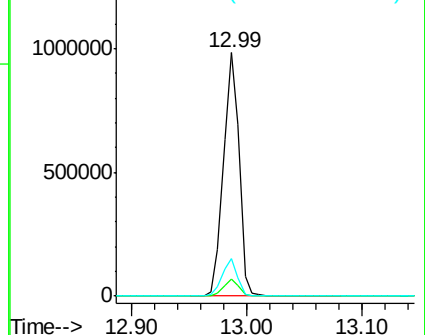
122 15.2 11.0 16.4

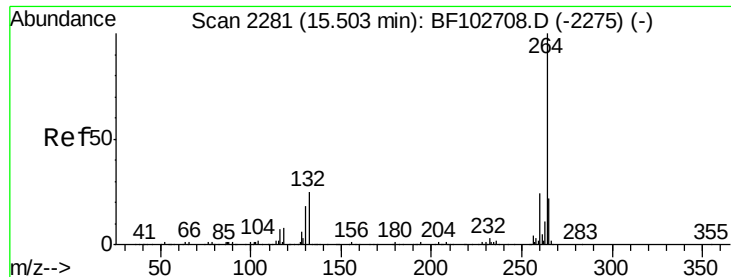


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

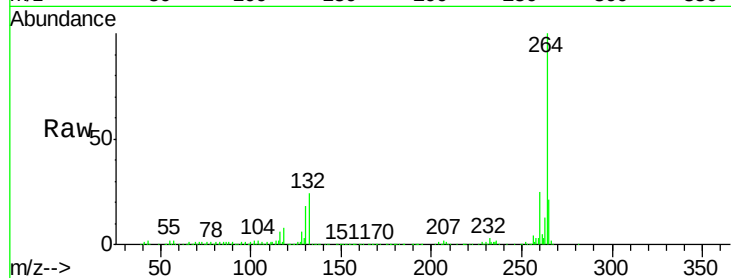




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :
BROOK

Tgt Ion: 264 Resp: 318358
Ion Ratio Lower Upper
264 100
260 24.7 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

