

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102980.D
 Acq On : 14 Feb 2018 11:06
 Operator : SJ/JU
 Sample : J1515-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Feb 14 12:59:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	758746	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	354130	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	629647	20.00	ng	0.00
75) Chrysene-d12	14.04	240	460360	20.00	ng	0.00
86) Perylene-d12	15.52	264	332169	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	542984	46.57	ng	0.01
7) Phenol-d6	6.50	99	471001	33.55	ng	0.00
23) Nitrobenzene-d5	7.44	82	1002485	91.66	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	84405	29.61	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1651907	77.40	ng	0.00
78) Terphenyl-d14	12.99	244	1580417	81.29	ng	0.00

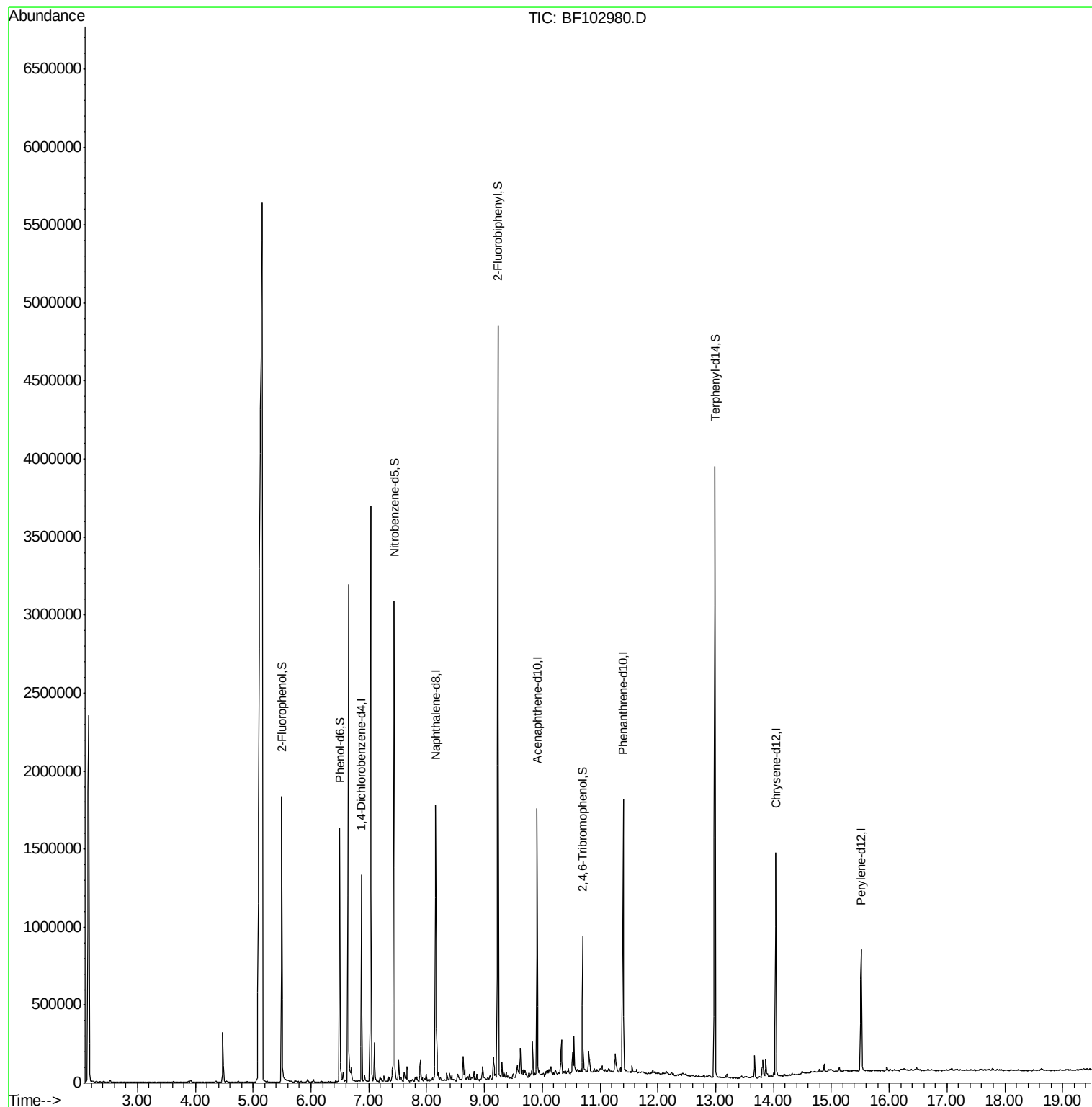
Target Compounds Qvalue

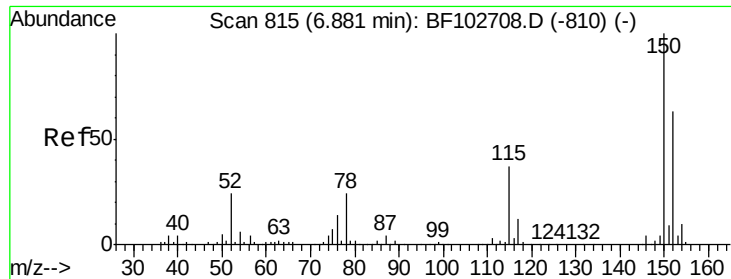
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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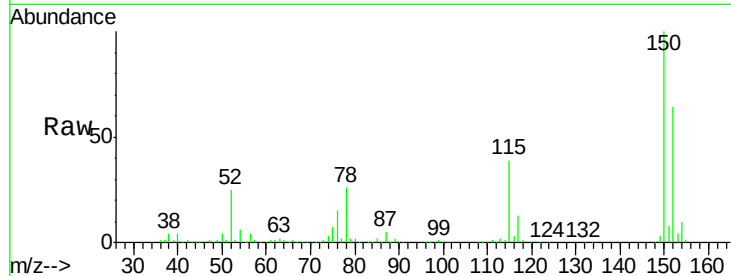


#1

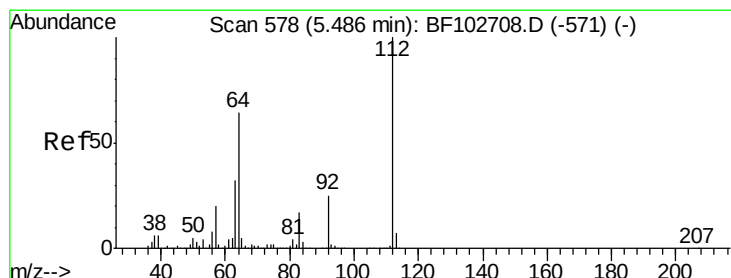
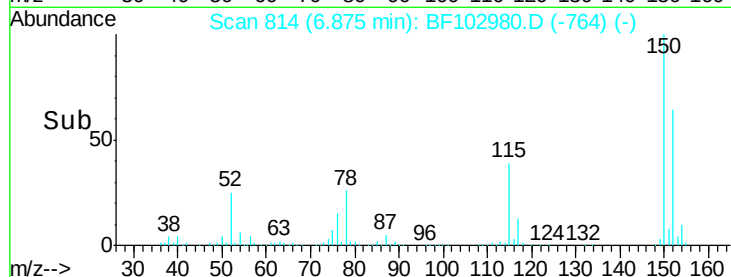
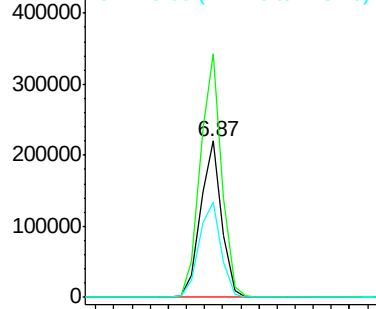
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 177051
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.2 50.1 75.1



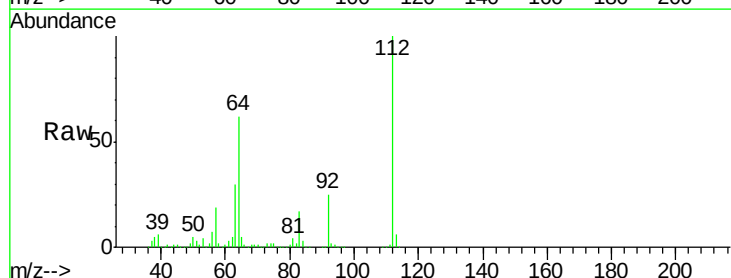
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



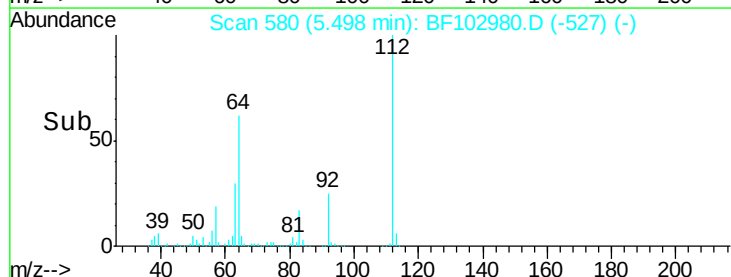
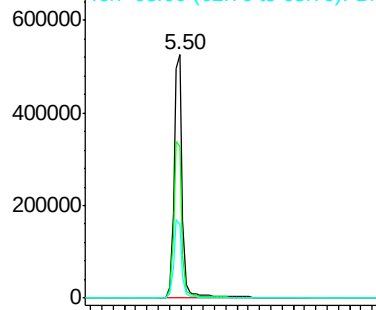
#5

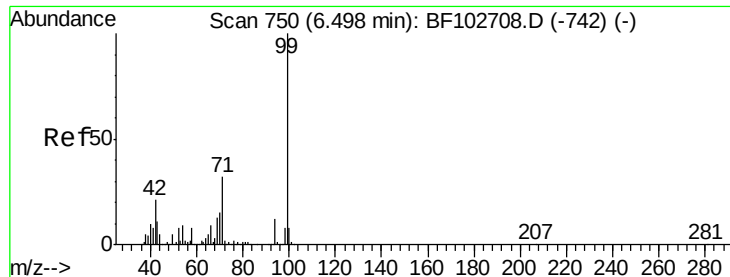
2-Fluorophenol
Concen: 46.575 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Tgt Ion:112 Resp: 542984
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 30.3 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: 33.553 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

MW-1

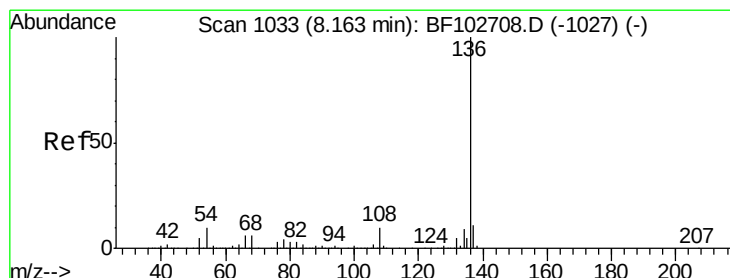
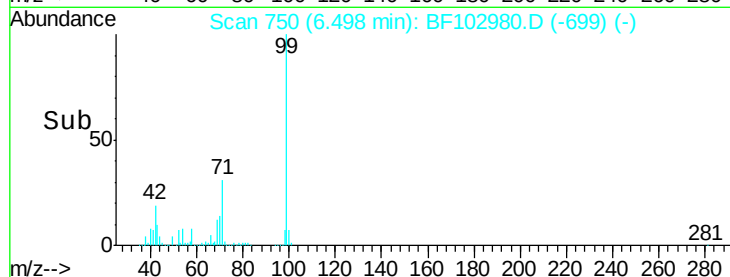
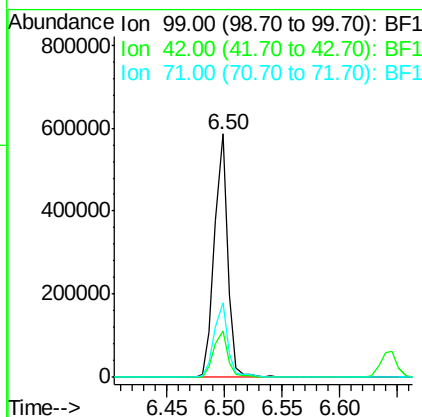
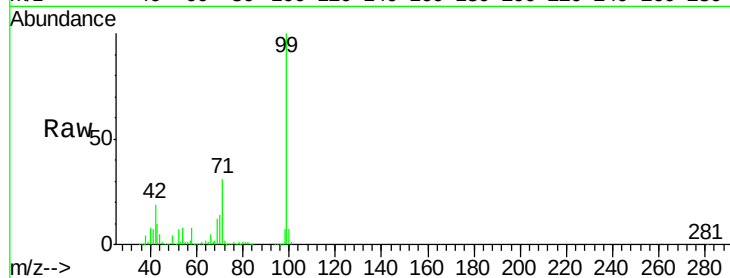
Tot Ion: 99 Resp: 471001

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 30.7 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: BF102980.D

Acq: 14 Feb 2018 11:06

Tgt Ion: 136 Resp: 758746

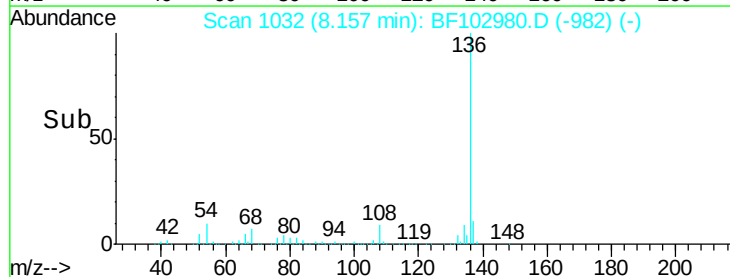
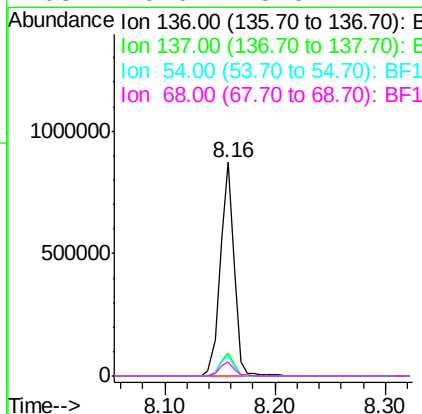
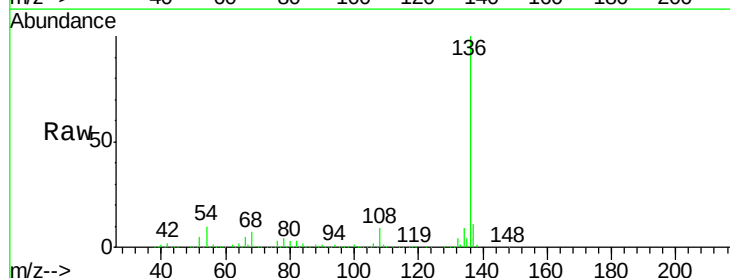
Ion Ratio Lower Upper

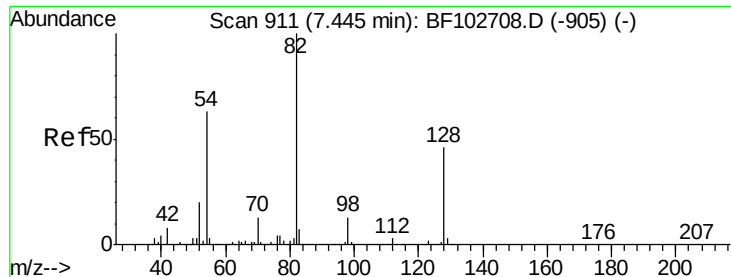
136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 6.6 5.0 7.4

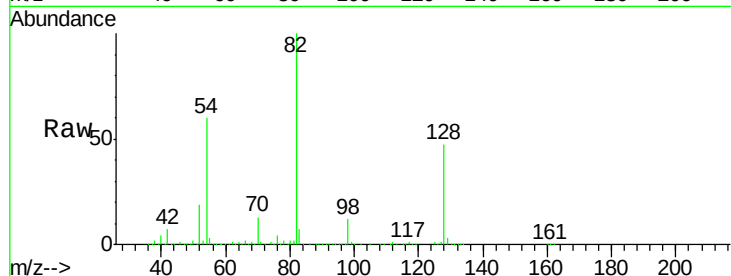




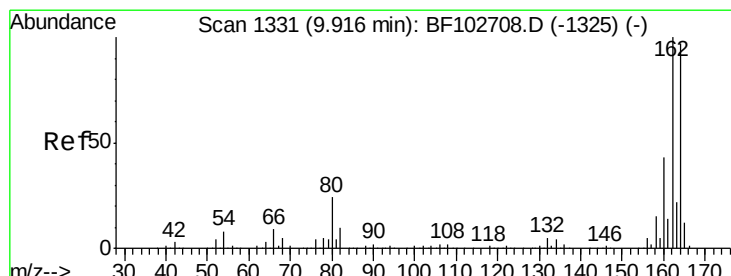
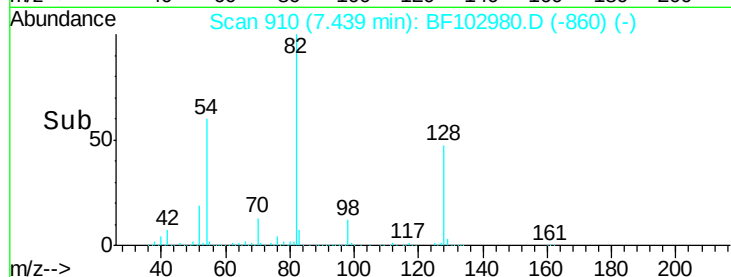
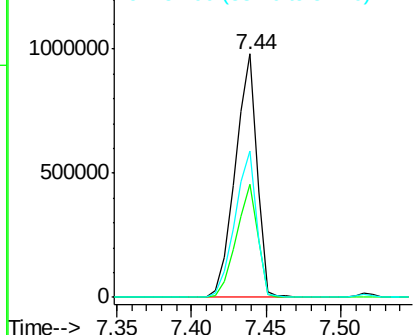
#23
Nitrobenzene-d5
Concen: 91.655 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion: 82 Resp: 1002485
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 60.3 41.4 62.2

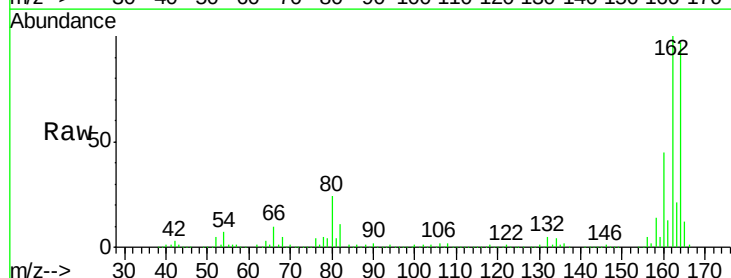


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

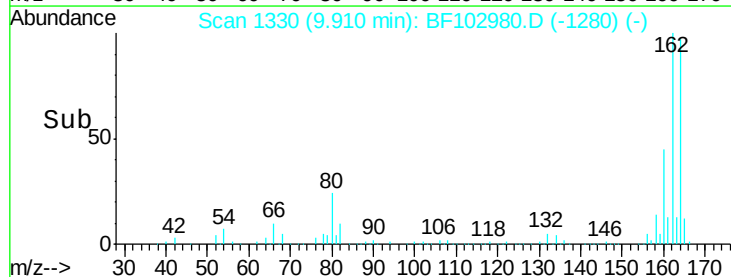
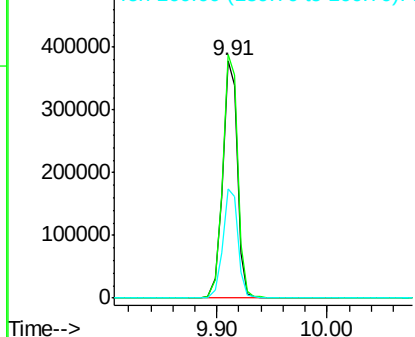


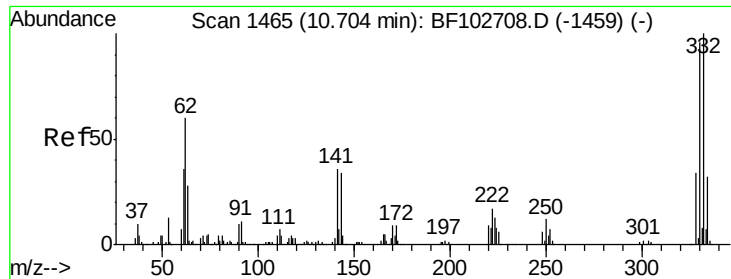
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Tgt Ion:164 Resp: 354130
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 46.2 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: 29.612 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

MW-1

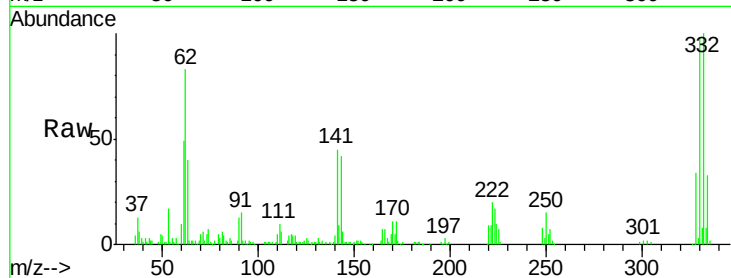
Tot Ion:330 Resp: 84405

Ion Ratio Lower Upper

330 100

332 102.0 77.0 115.6

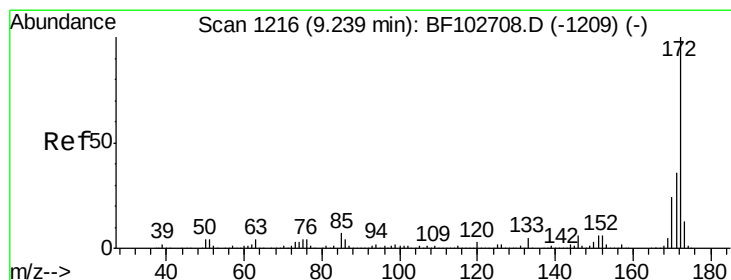
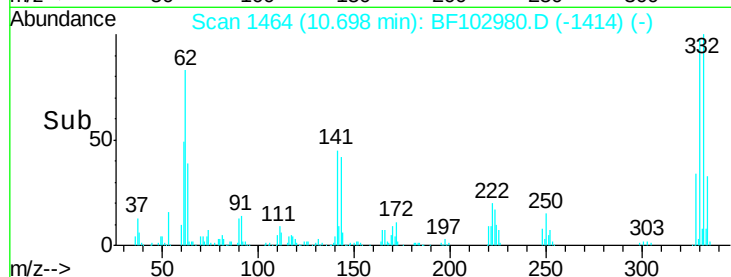
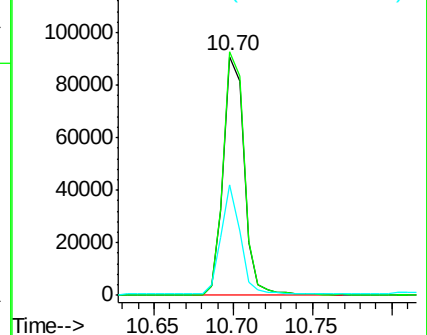
141 42.0 29.9 44.9



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: 77.404 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

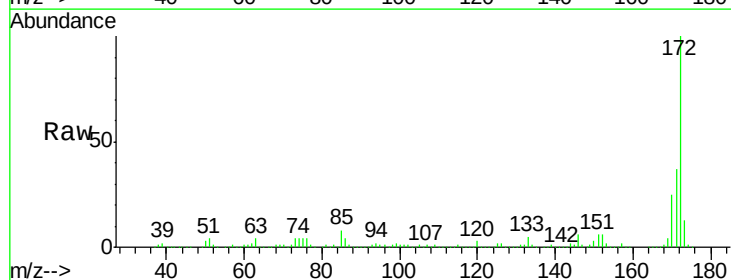
Tgt Ion:172 Resp: 1651907

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

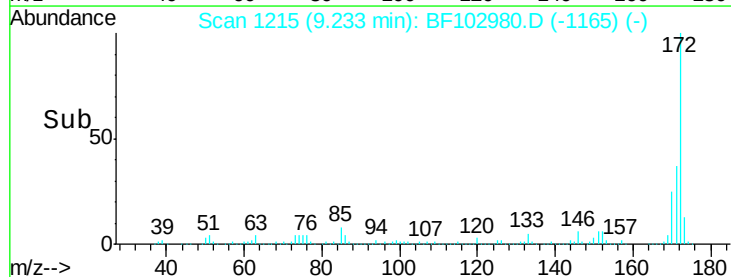
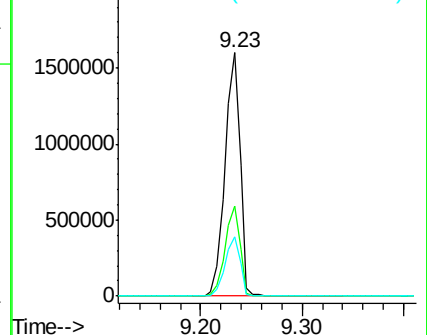
170 24.5 19.6 29.4

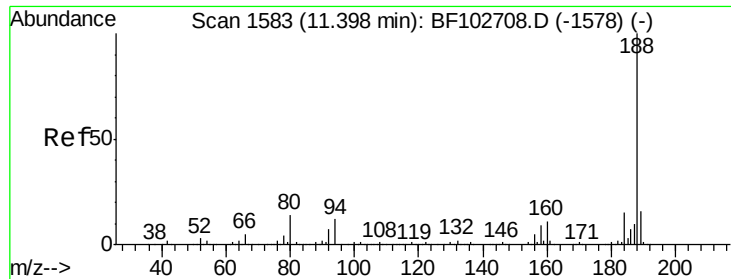


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

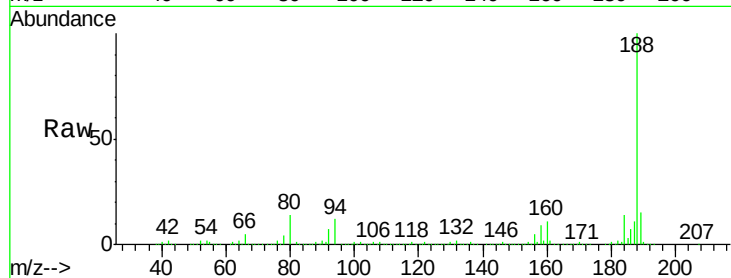




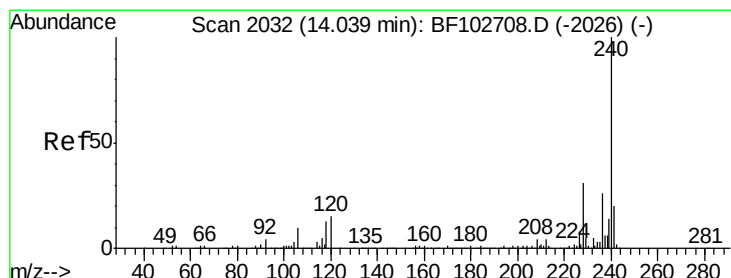
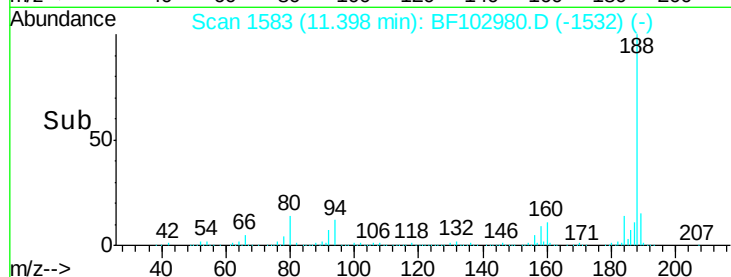
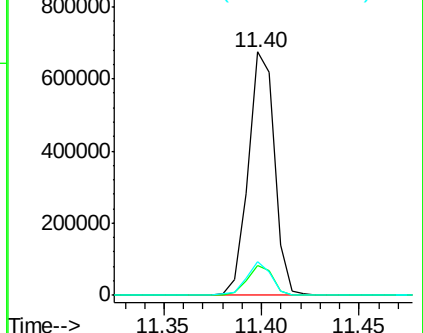
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion:188 Resp: 629647
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.7 9.2 13.8

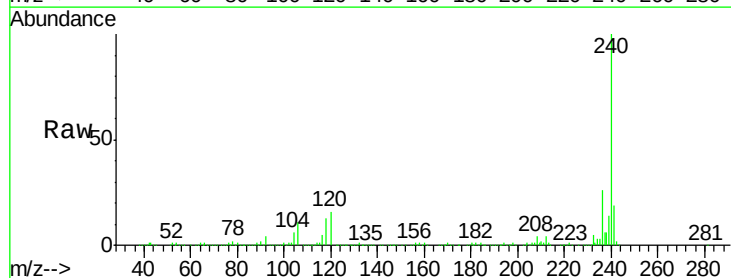


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

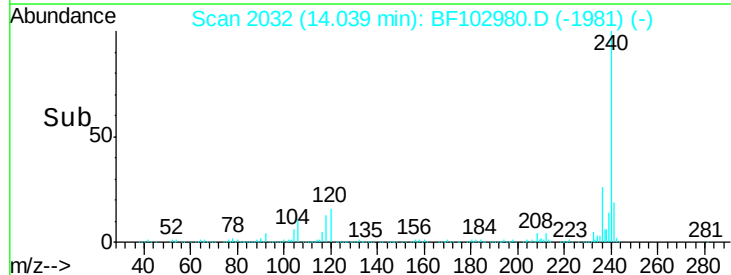
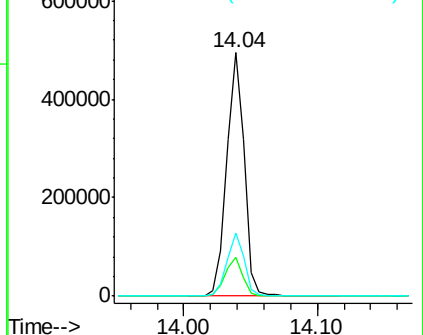


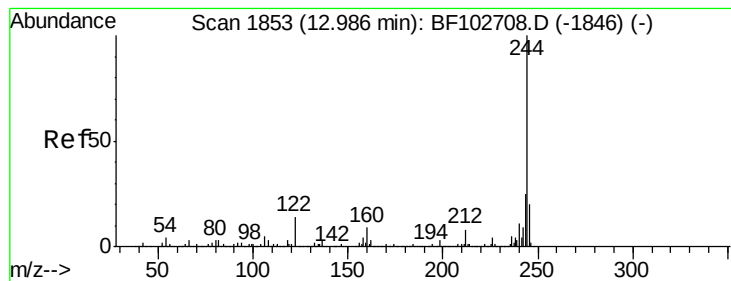
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Tgt Ion:240 Resp: 460360
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 25.8 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: 81.286 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

MW-1

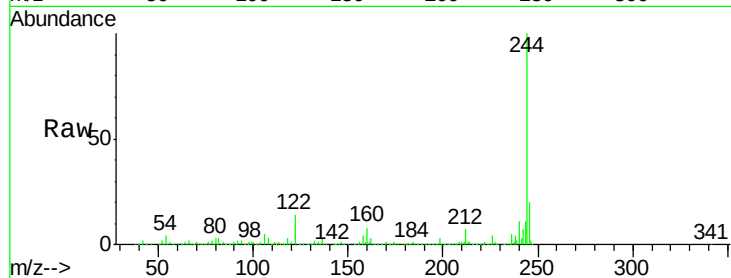
Tot Ion:244 Resp: 1580417

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

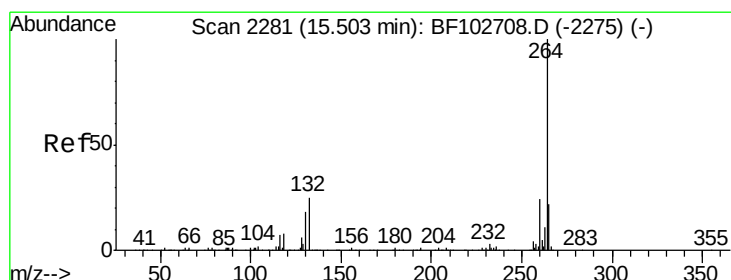
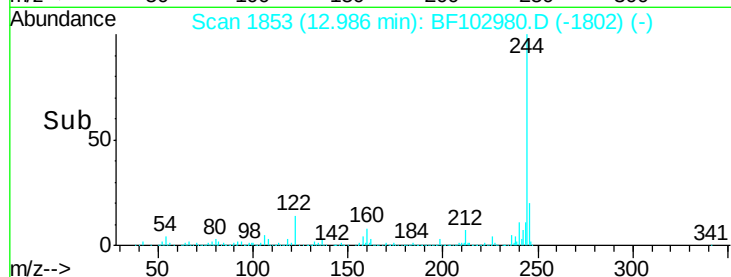
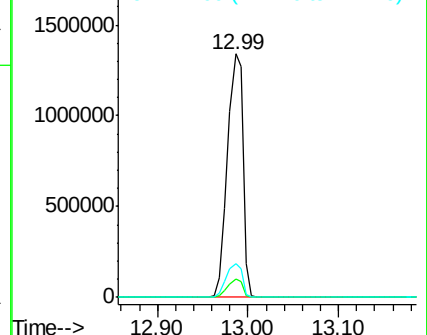
122 14.1 11.0 16.4



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. 0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

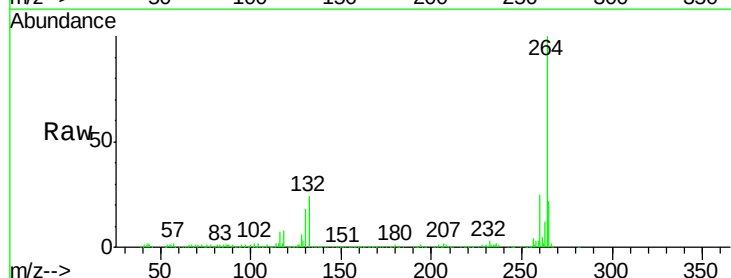
Tgt Ion:264 Resp: 332169

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 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

