

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104508.D
 Acq On : 14 Apr 2018 6:38
 Operator : JU/SJ
 Sample : J2368-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-JETB-E-D-M

Quant Time: Apr 16 00:47:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

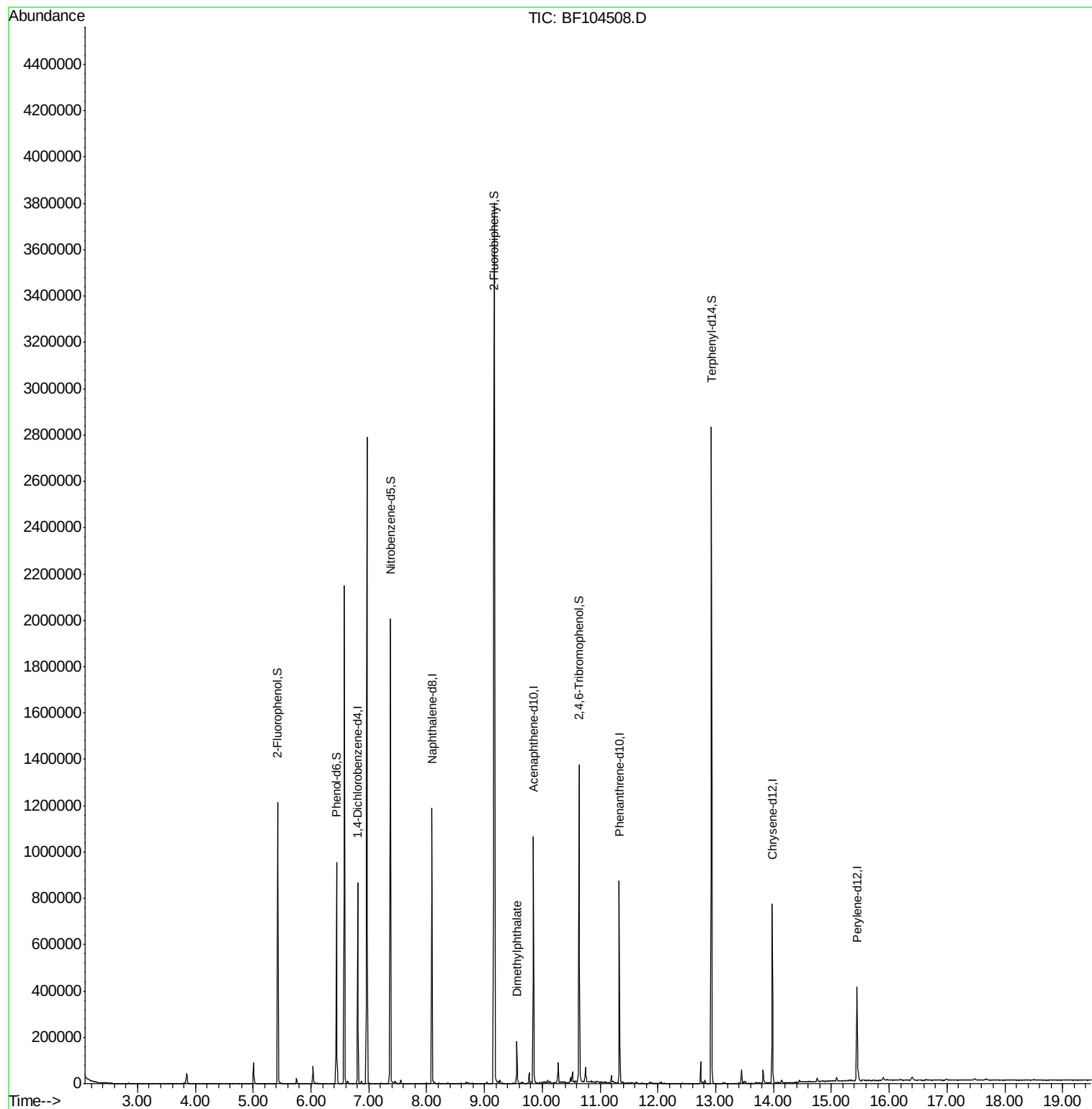
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128077	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500013	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	206770	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	306369	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	243363	20.00	ng	-0.01
86) Perylene-d12	15.44	264	183185	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	341064	40.72	ng	0.00
7) Phenol-d6	6.44	99	285221	27.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	775367	101.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	166618	77.68	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1293084	98.79	ng	0.00
78) Terphenyl-d14	12.93	244	945963	88.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	80648	4.946	ng	99

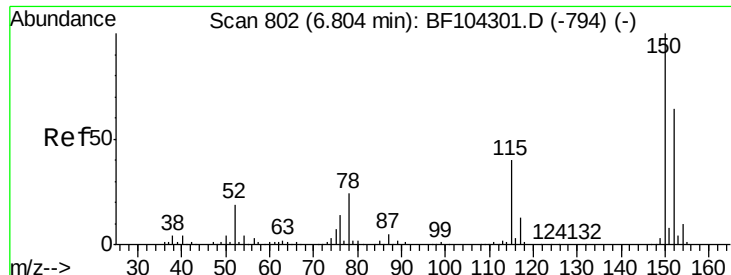
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-D-M

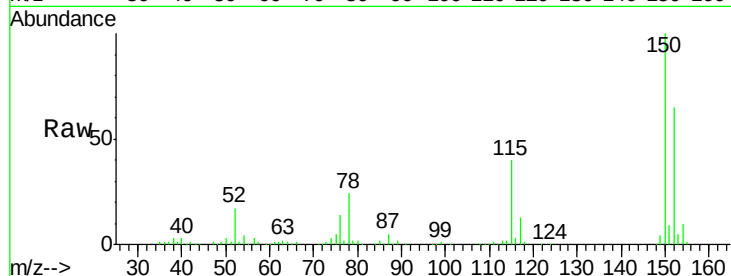
Tot Ion:152 Resp: 128077

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

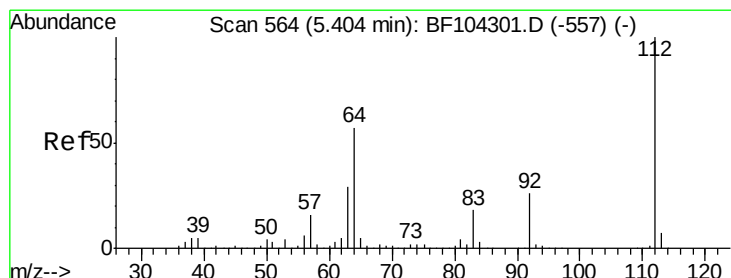
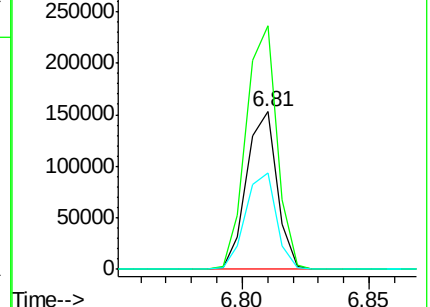
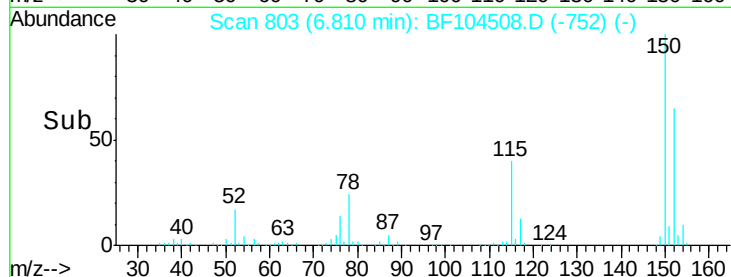
115 61.6 50.1 75.1



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: 40.718 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

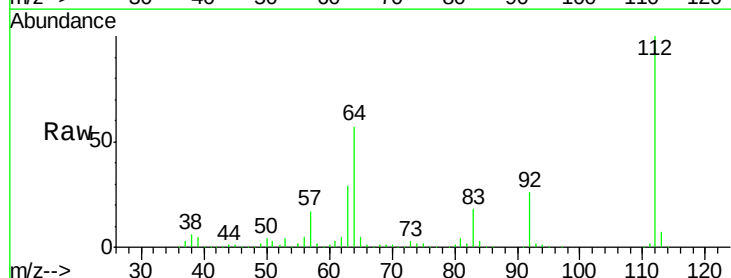
Tgt Ion:112 Resp: 341064

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

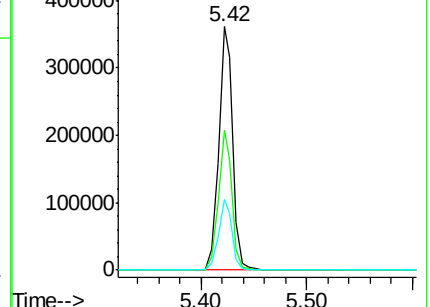
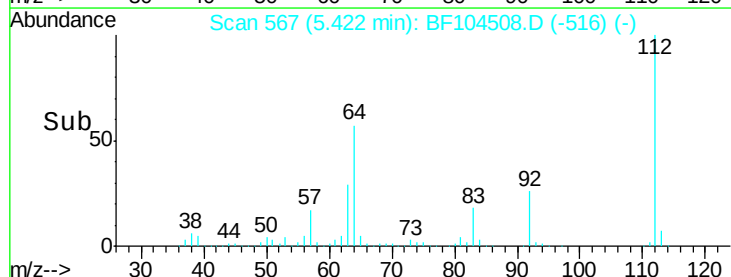
63 28.9 23.7 35.5

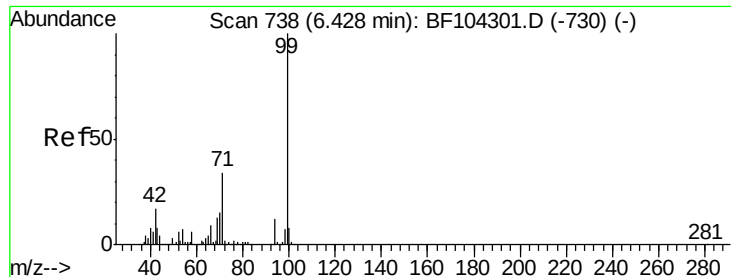


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.714 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-D-M

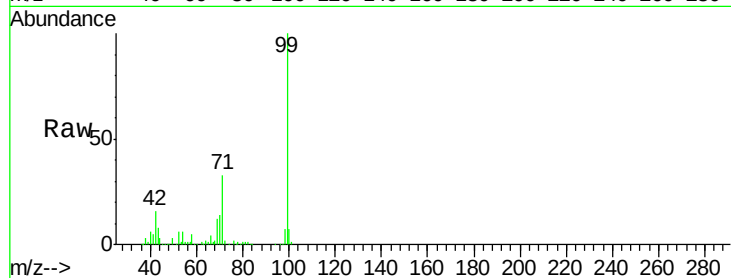
Tot Ion: 99 Resp: 285221

Ion Ratio Lower Upper

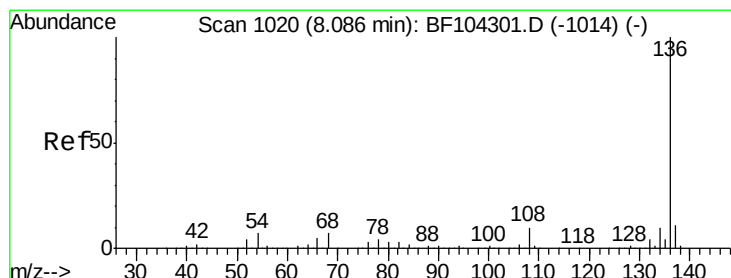
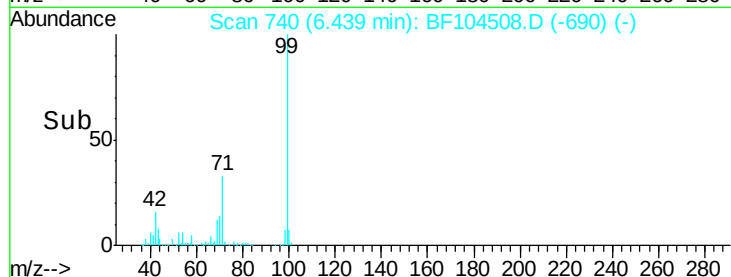
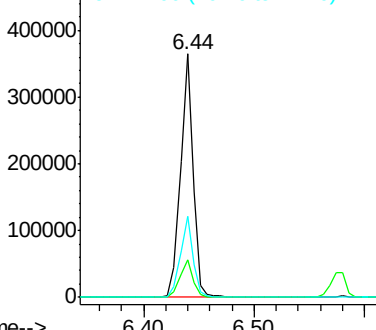
99 100

42 15.6 14.5 21.7

71 33.3 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

Tgt Ion: 136 Resp: 500013

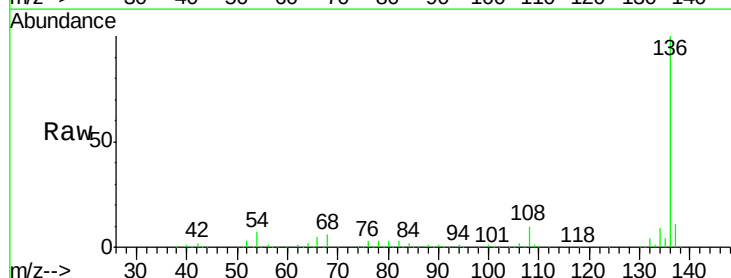
Ion Ratio Lower Upper

136 100

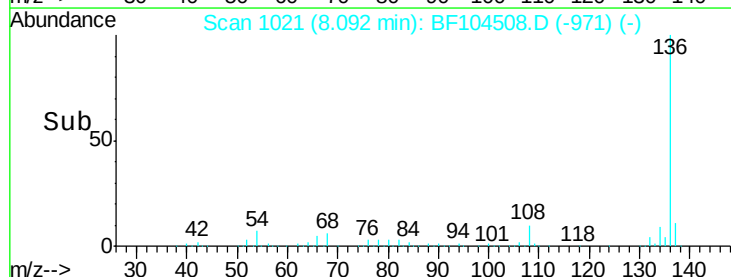
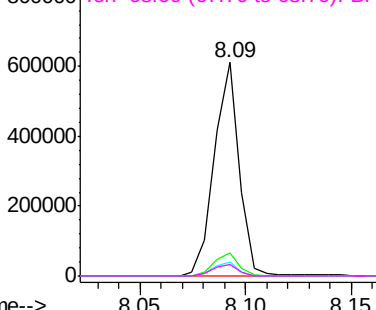
137 11.0 8.9 13.3

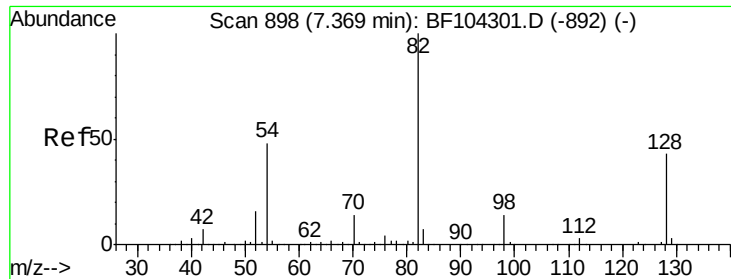
54 6.6 6.6 9.8#

68 5.5 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

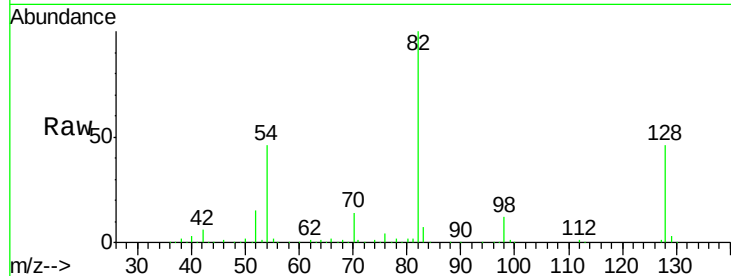




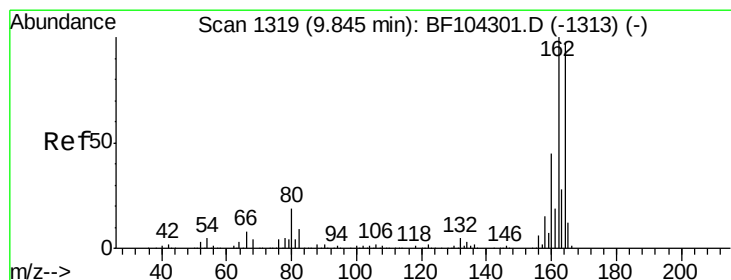
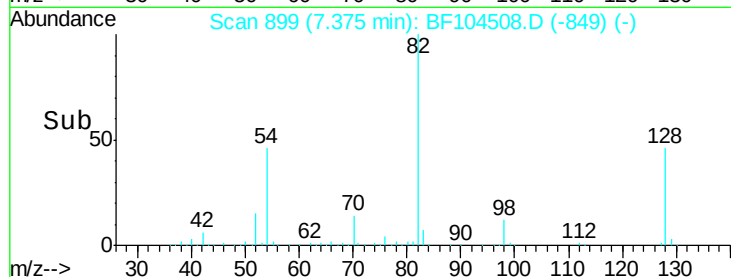
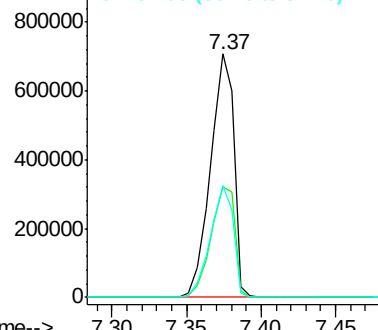
#23
 Nitrobenzene-d5
 Concen: 101.257 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104508.D
 Acq: 14 Apr 2018 6:38

Instrument :
 BNA_F
 ClientSampleId :
 041118-JETB-E-D-M

Tot Ion: 82 Resp: 775367
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 46.0 41.4 62.2

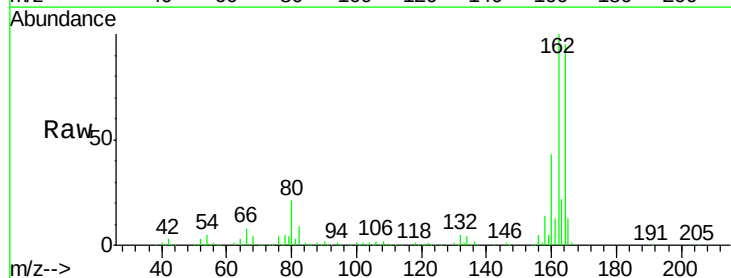


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

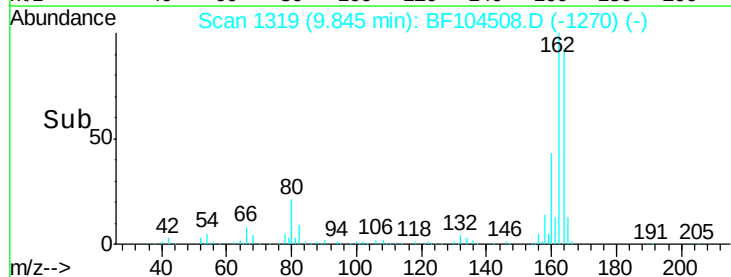
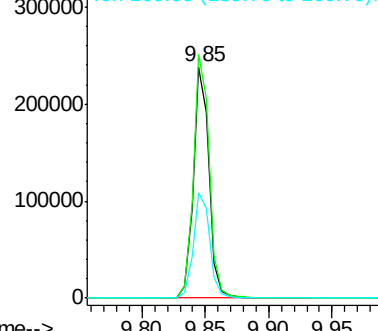


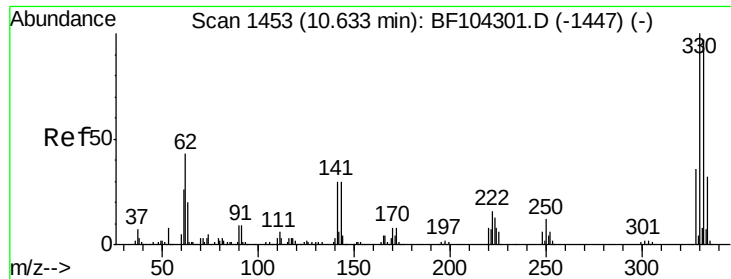
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104508.D
 Acq: 14 Apr 2018 6:38

Tgt Ion:164 Resp: 206770
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 45.6 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: 77.682 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-D-M

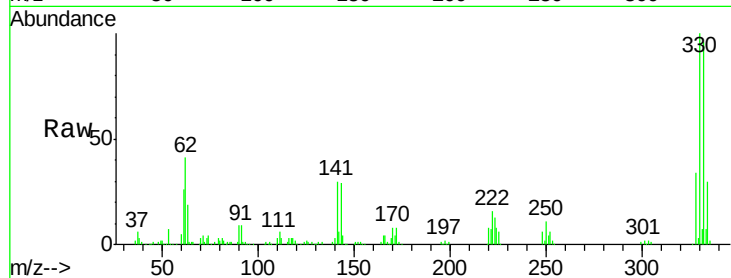
Tot Ion:330 Resp: 166618

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

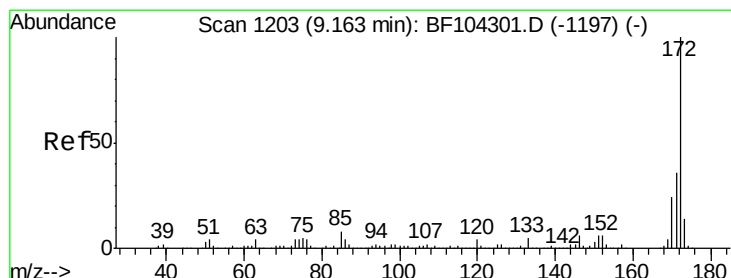
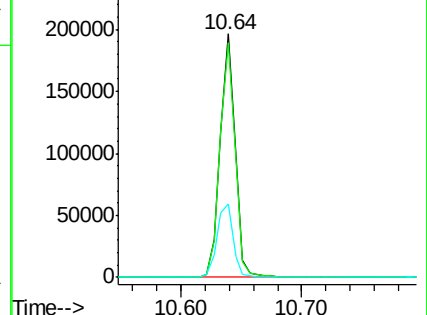
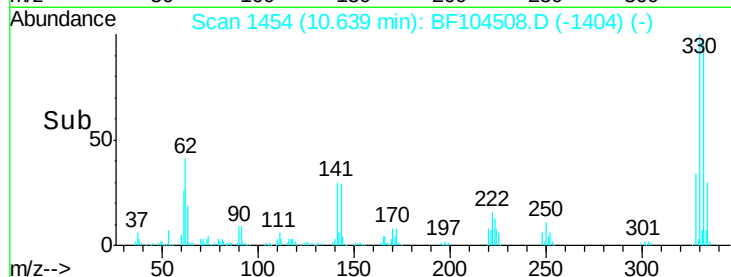
141 32.9 29.9 44.9



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: 98.793 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

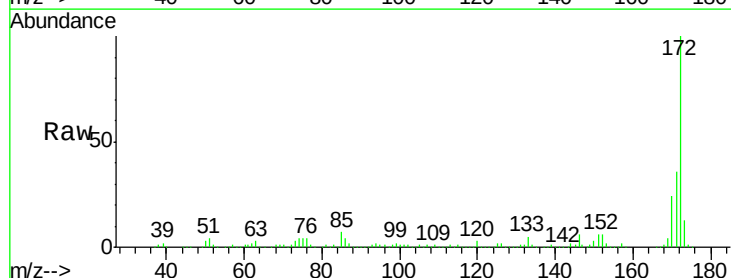
Tgt Ion:172 Resp: 1293084

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

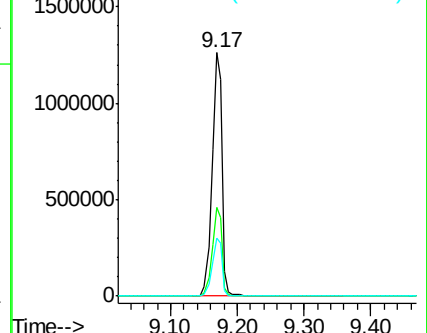
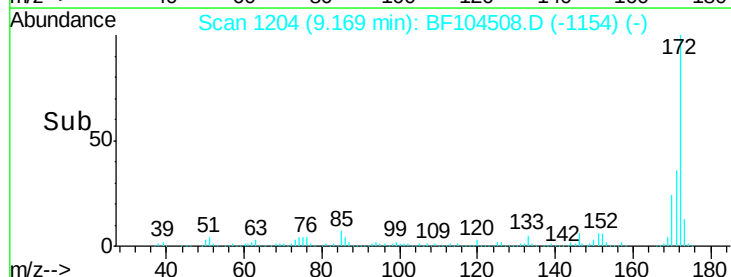
170 24.0 19.6 29.4

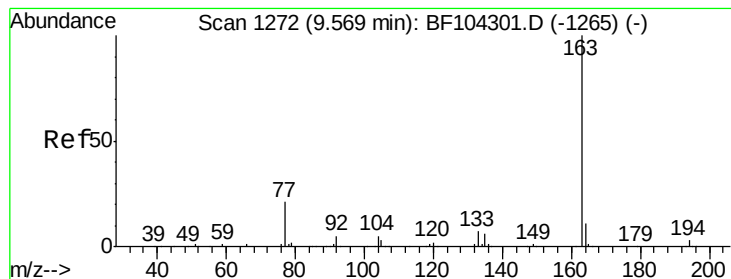


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.946 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

Instrument :

BNA_F

ClientSampleId :

041118-JETB-E-D-M

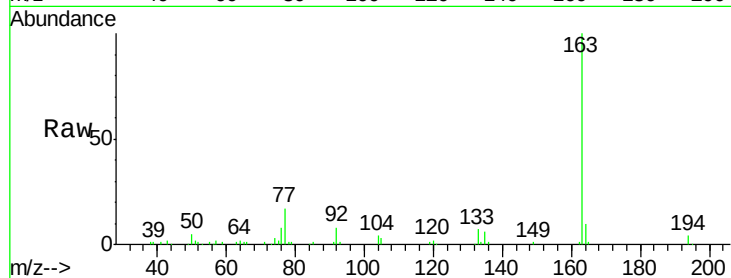
Tot Ion:163 Resp: 80648

Ion Ratio Lower Upper

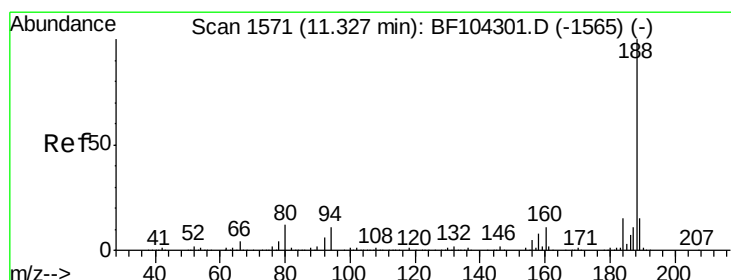
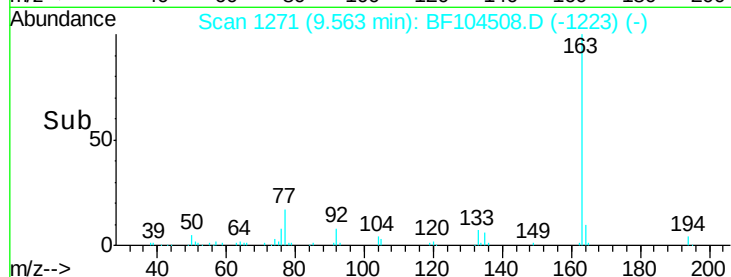
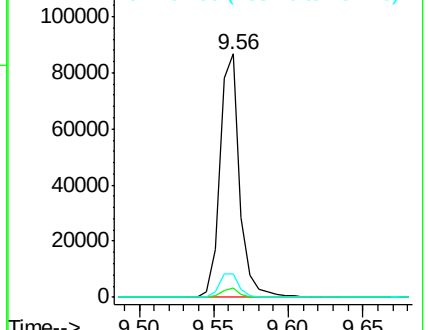
163 100

194 3.7 2.7 4.1

164 9.9 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF104508.D

Acq: 14 Apr 2018 6:38

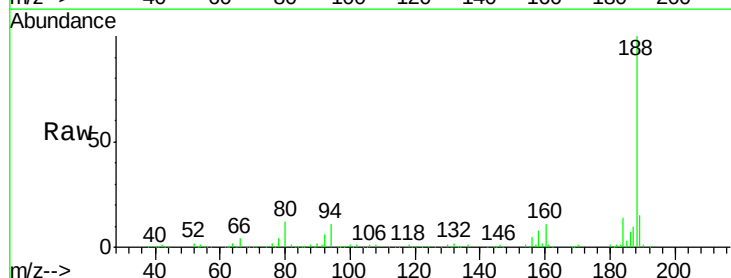
Tgt Ion:188 Resp: 306369

Ion Ratio Lower Upper

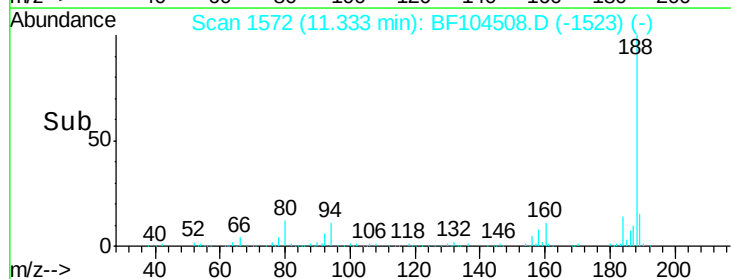
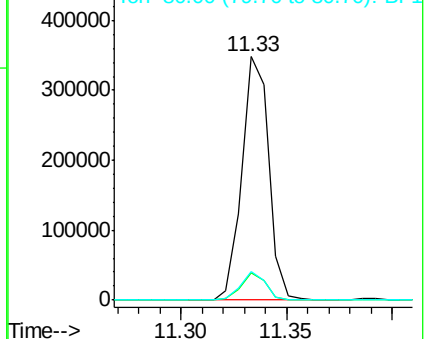
188 100

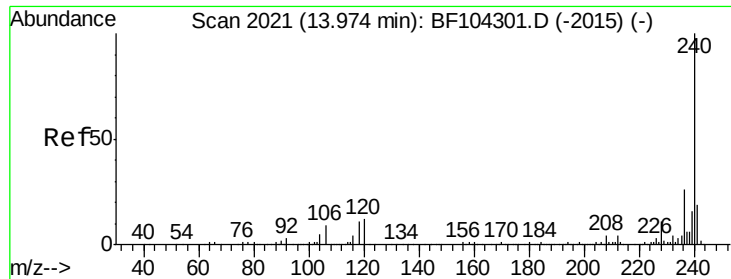
94 11.0 8.5 12.7

80 11.9 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

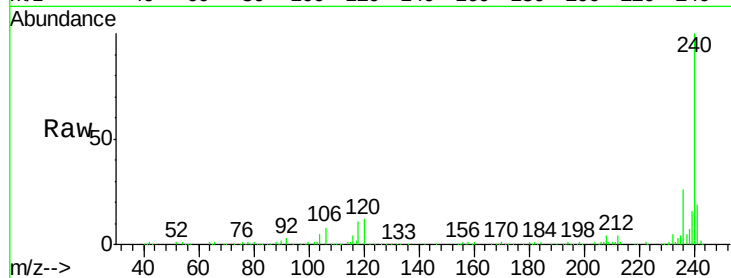




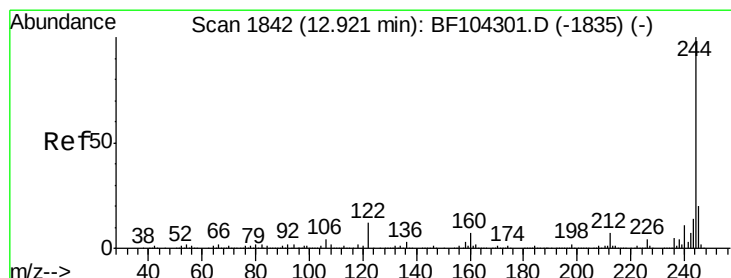
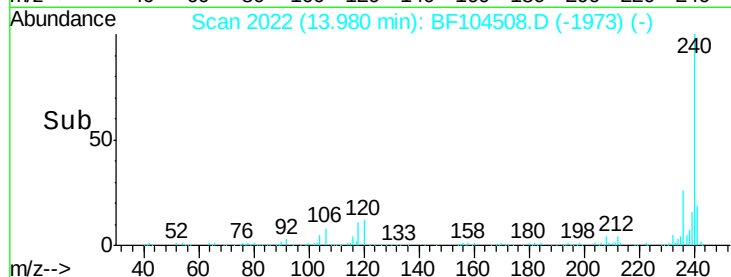
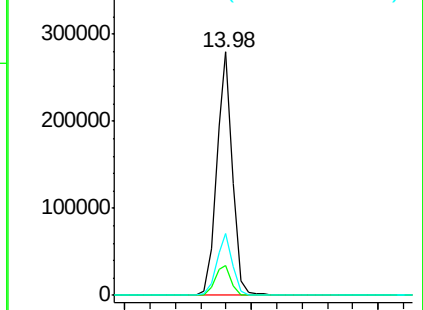
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104508.D
Acq: 14 Apr 2018 6:38

Instrument :
BNA_F
ClientSampleId :
041118-JETB-E-D-M

Tot Ion:240 Resp: 243363
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.5 20.7 31.1

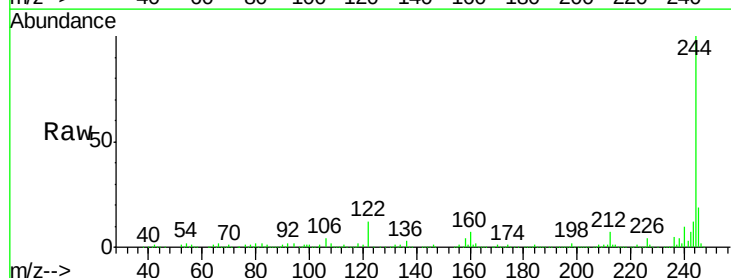


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

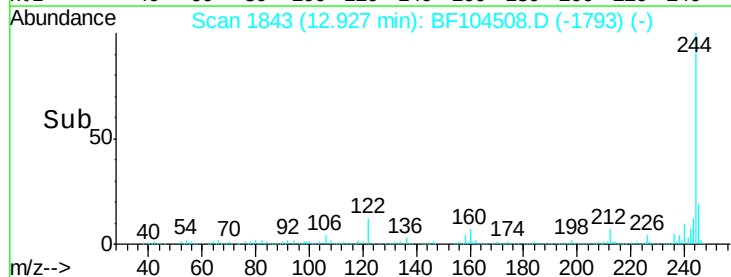
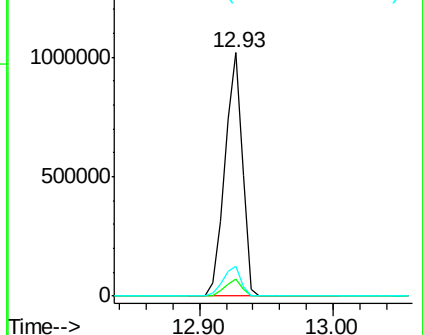


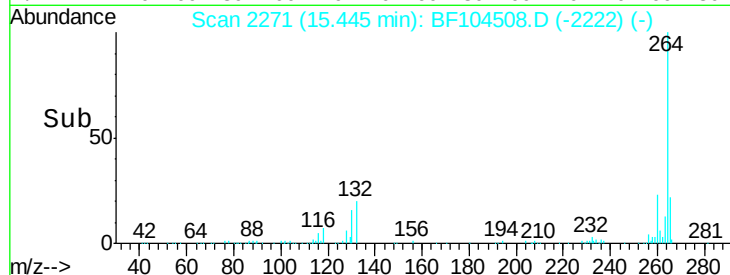
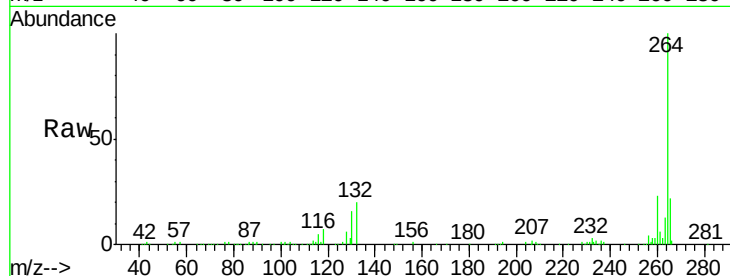
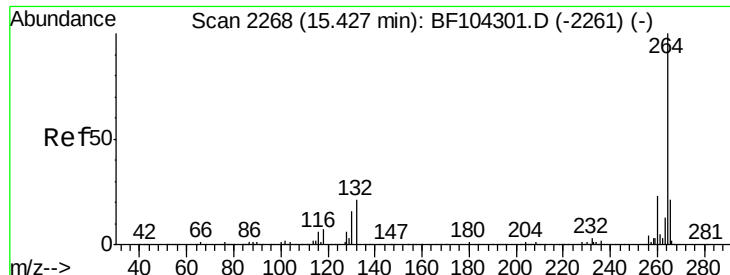
#78
Terphenyl-d14
Concen: 88.618 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104508.D
Acq: 14 Apr 2018 6:38

Tgt Ion:244 Resp: 945963
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.0 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104508.D
Acq: 14 Apr 2018 6:38

Instrument :
BNA_F
ClientSampleId :
041118-JETB-E-D-M

Tot Ion:264	Resp:	183185
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.2 28.8
265	22.2	17.5 26.3

