

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104960.D
 Acq On : 1 May 2018 4:18
 Operator : JU/SJ
 Sample : J2617-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-S

Quant Time: May 01 07:41:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

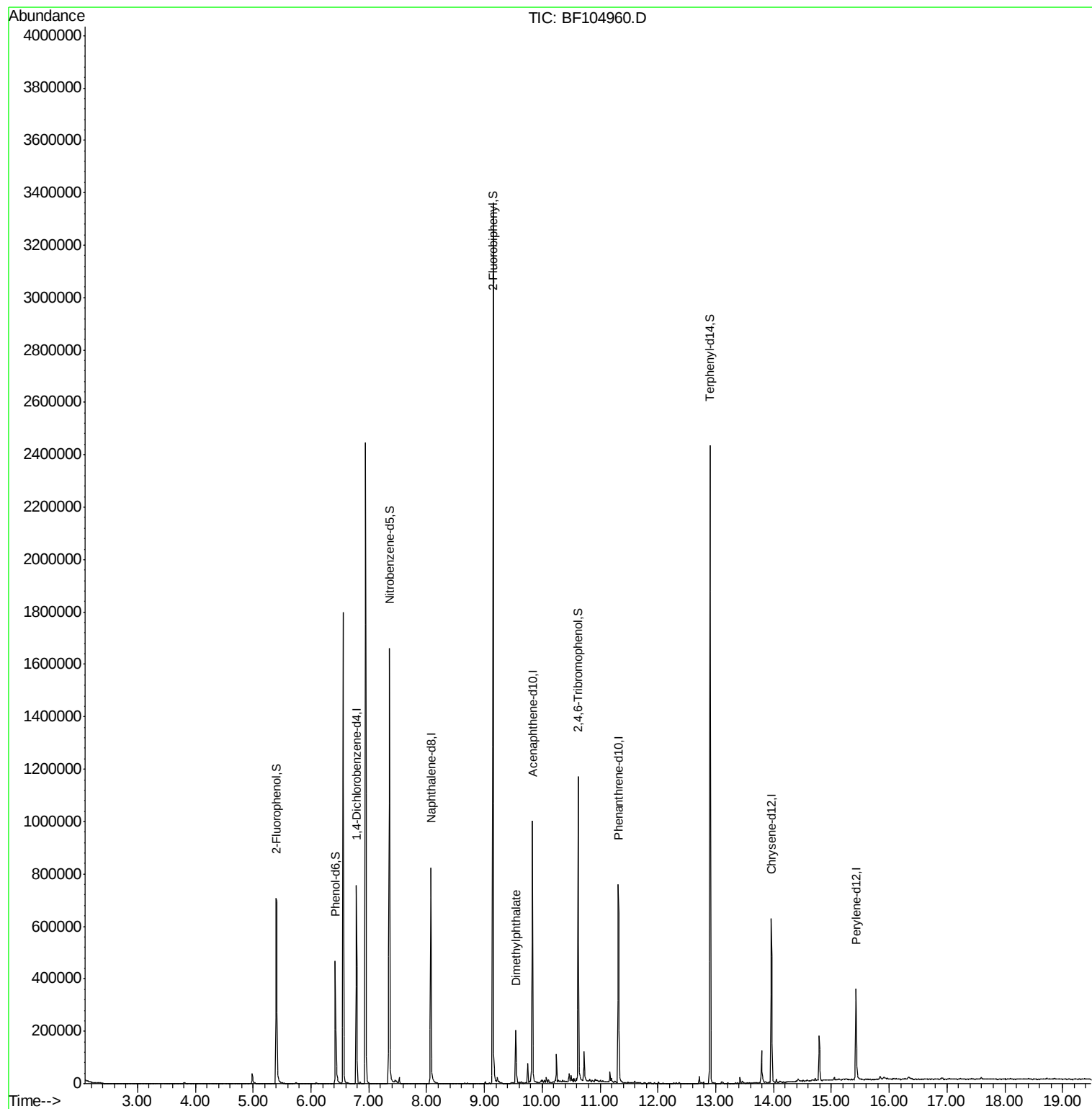
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107179	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	441758	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	191405	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	299064	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	224662	20.00	ng	-0.01
86) Perylene-d12	15.43	264	174130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	255791	36.49	ng	0.00
7) Phenol-d6	6.42	99	187087	21.72	ng	-0.02
23) Nitrobenzene-d5	7.36	82	615906	91.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	153874	77.50	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1119142	92.37	ng	0.00
78) Terphenyl-d14	12.90	244	842518	85.50	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	97560	6.464	ng	98

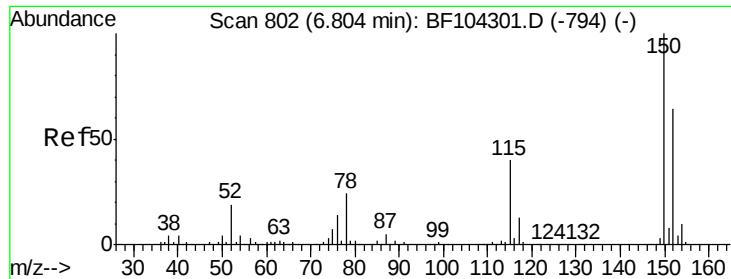
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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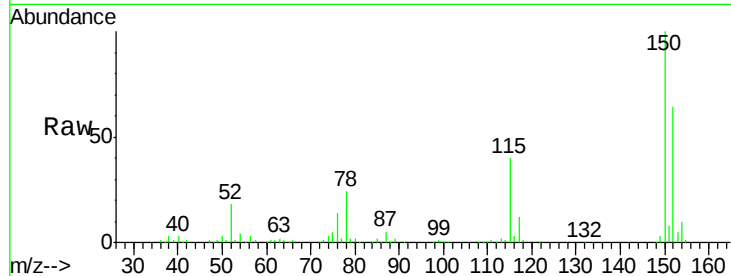


#1

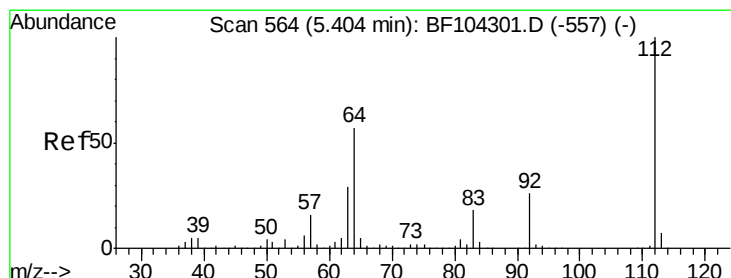
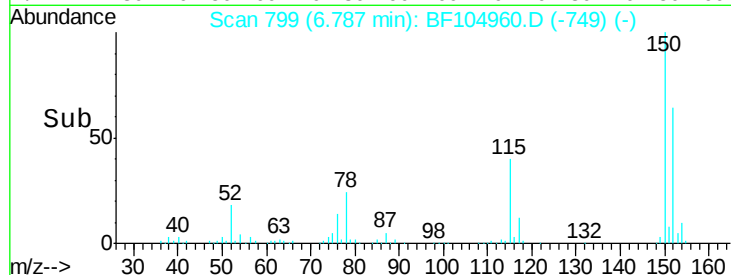
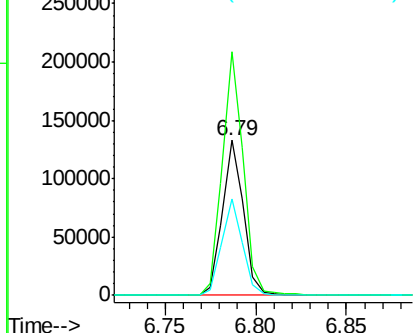
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104960.D
Acq: 1 May 2018 4:18

Instrument :
BNA_F
ClientSampleId :
042618-DBRI-F-D-S

Tot Ion:152 Resp: 107179
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 62.6 50.1 75.1



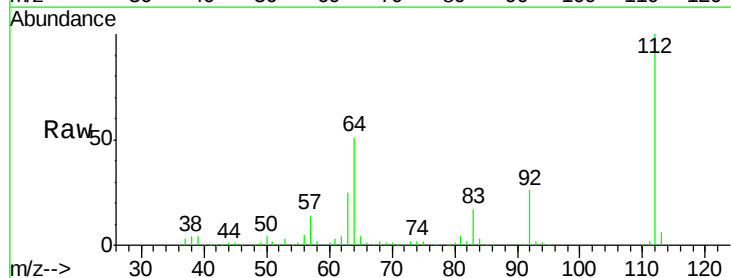
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



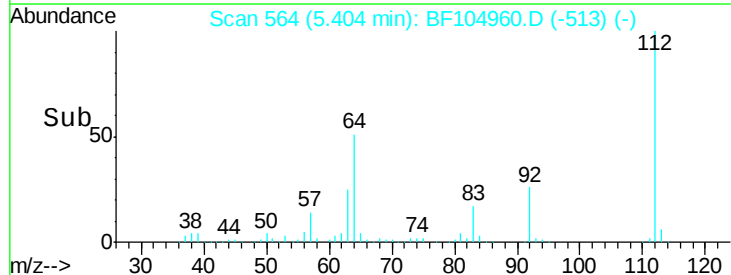
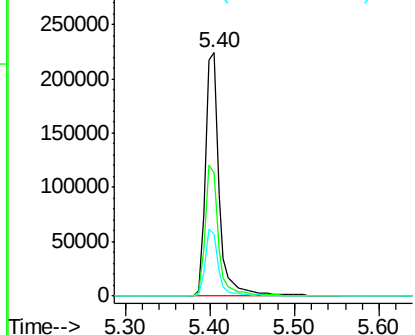
#5

2-Fluorophenol
Concen: 36.492 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104960.D
Acq: 1 May 2018 4:18

Tgt Ion:112 Resp: 255791
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 25.4 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: 21.723 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104960.D

Acq: 1 May 2018 4:18

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-D-S

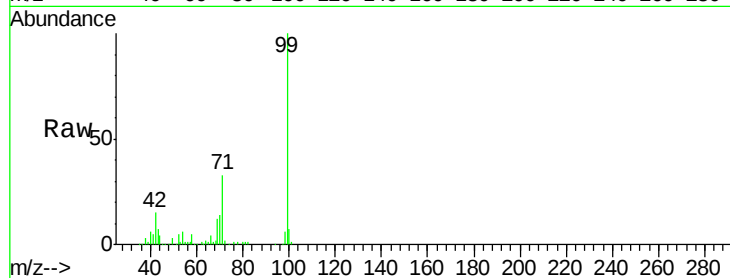
Tot Ion: 99 Resp: 187087

Ion Ratio Lower Upper

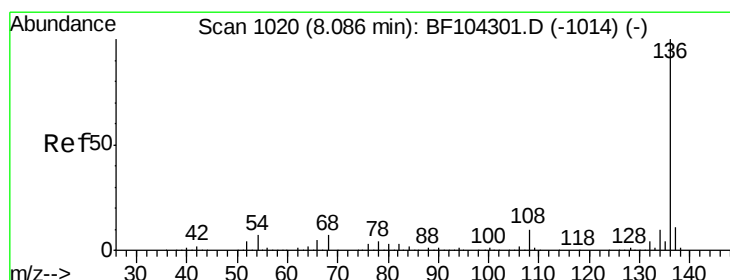
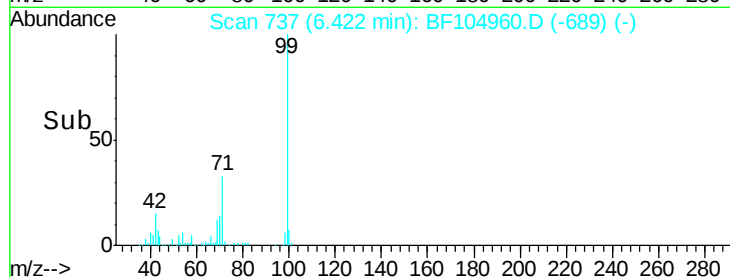
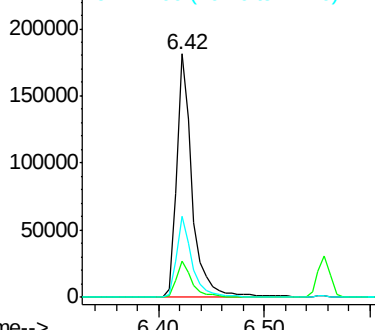
99 100

42 15.1 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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104960.D

Acq: 1 May 2018 4:18

Tgt Ion: 136 Resp: 441758

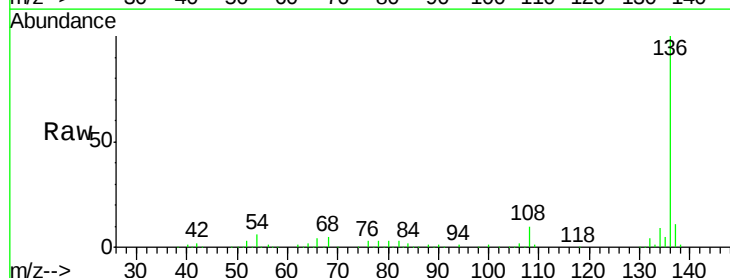
Ion Ratio Lower Upper

136 100

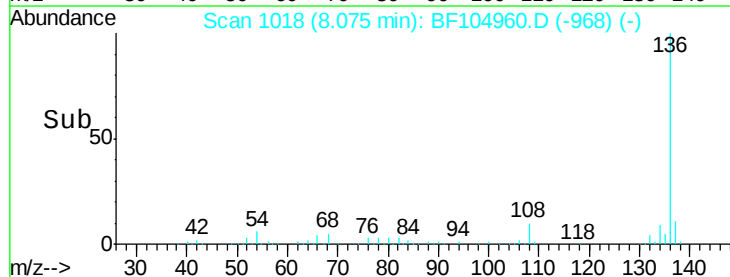
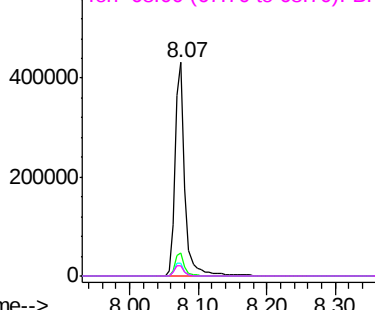
137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.1 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

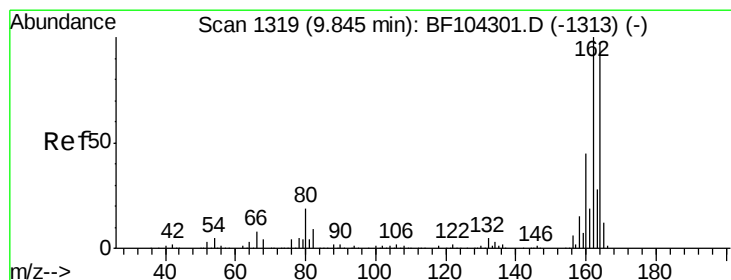
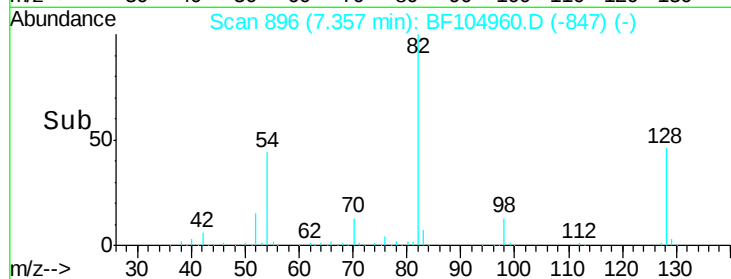
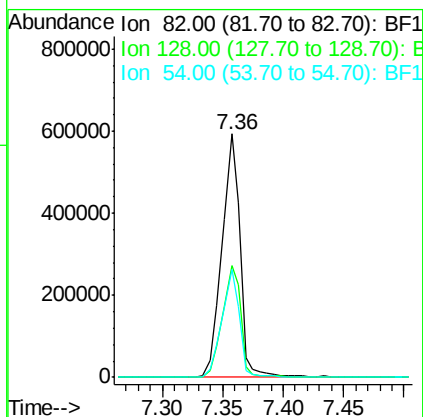
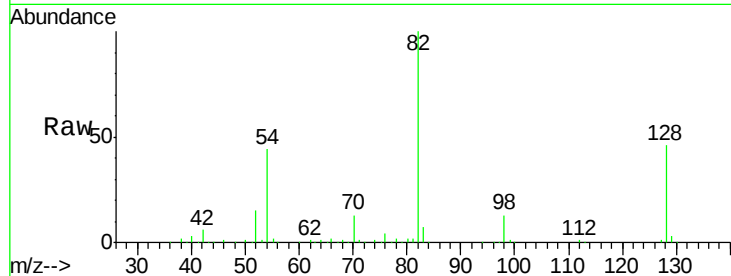




#23
 Nitrobenzene-d5
 Concen: 91.040 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104960.D
 Acq: 1 May 2018 4:18

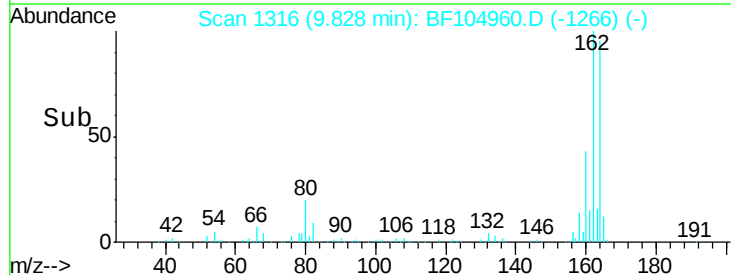
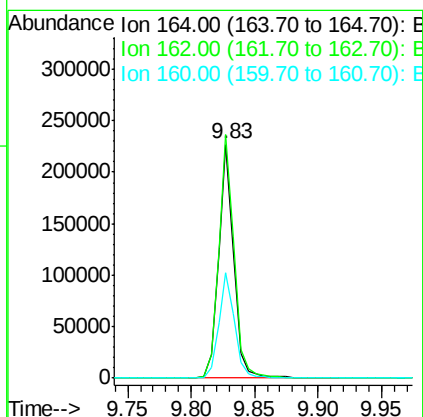
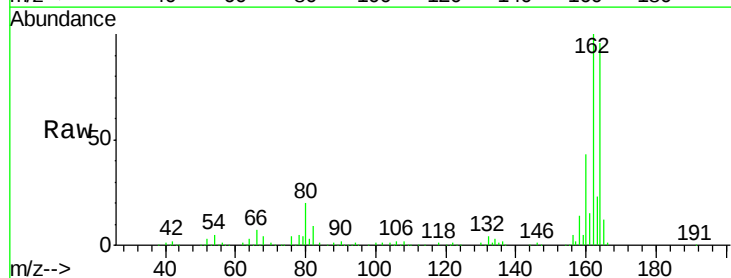
Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-S

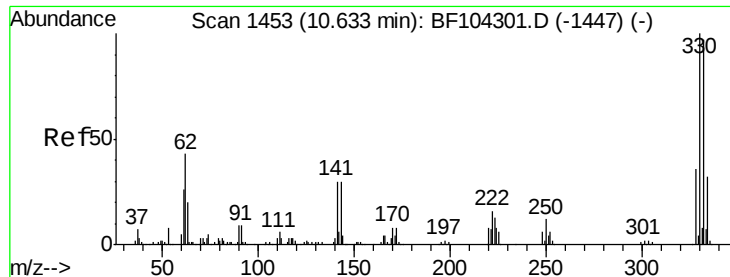
Tot Ion	82	Resp	615906
Ion Ratio	100	Lower	Upper
128	45.8	36.1	54.1
54	44.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104960.D
 Acq: 1 May 2018 4:18

Tgt Ion	164	Resp	191405
Ion Ratio	100	Lower	Upper
162	104.2	86.1	129.1
160	45.0	38.3	57.5

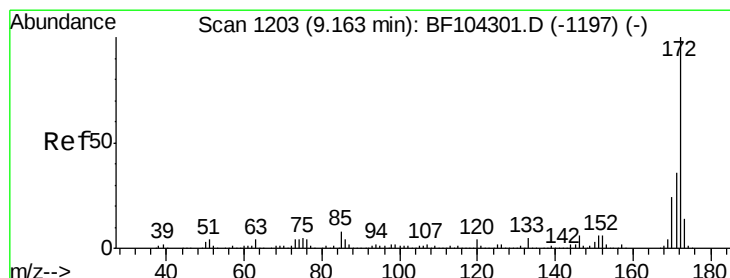
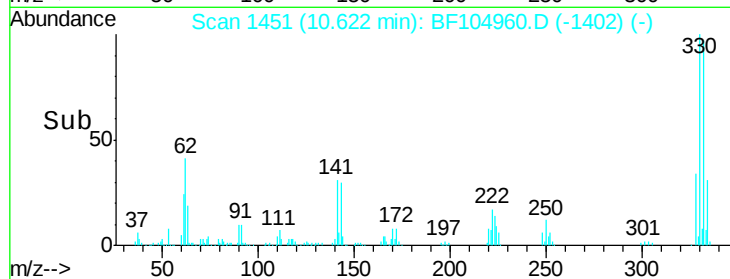
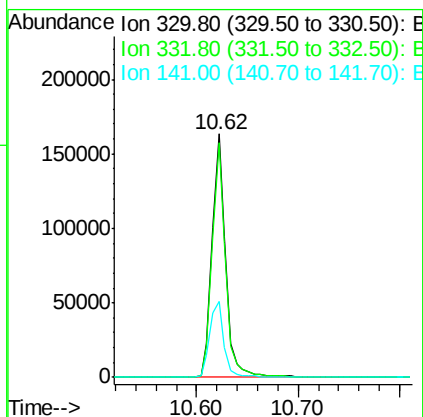
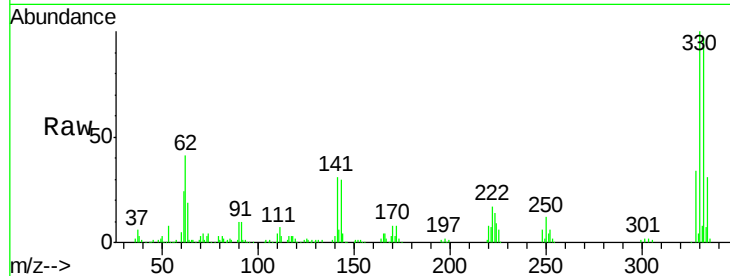




#41
 2,4,6-Tribromophenol
 Concen: 77.499 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104960.D
 Acq: 1 May 2018 4:18

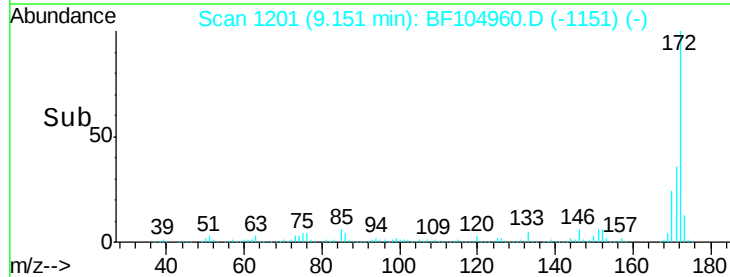
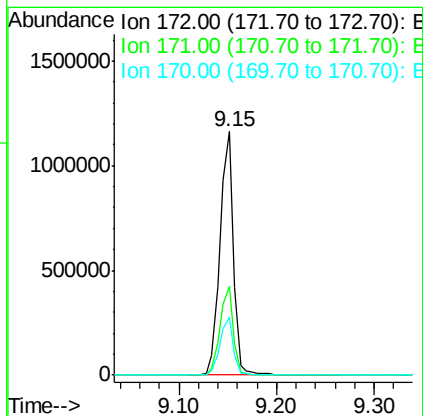
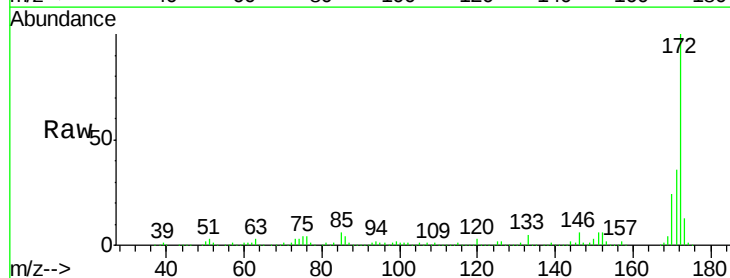
Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-S

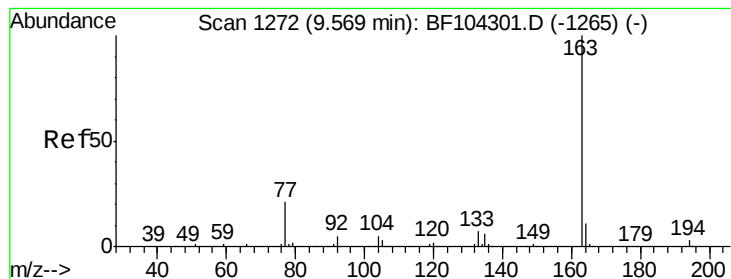
Tot Ion:330 Resp: 153874
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 92.368 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104960.D
 Acq: 1 May 2018 4:18

Tgt Ion:172 Resp: 1119142
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4





#49

Dimethylphthalate

Concen: 6.464 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104960.D

Acq: 1 May 2018 4:18

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-D-S

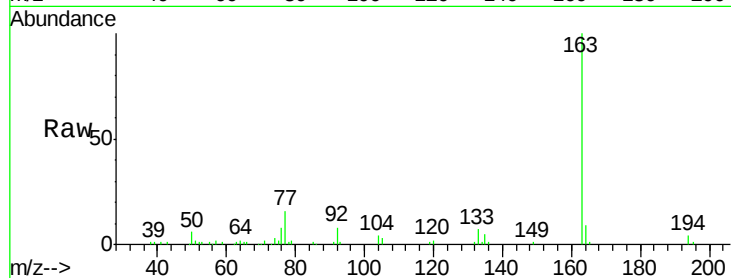
Tot Ion:163 Resp: 97560

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

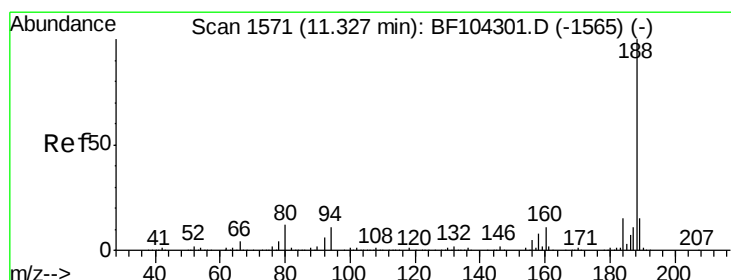
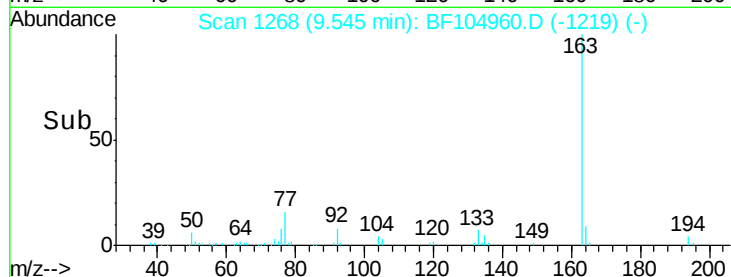
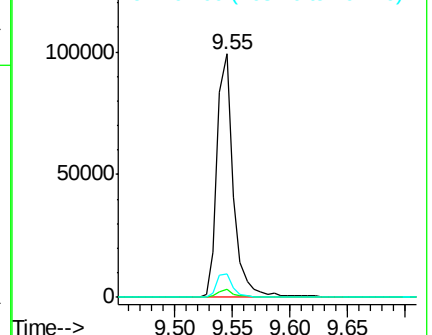
164 9.4 8.2 12.2



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF104960.D

Acq: 1 May 2018 4:18

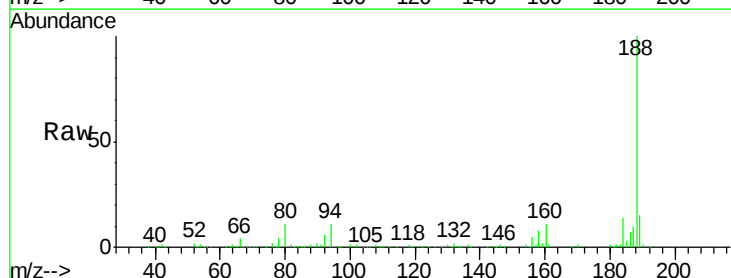
Tgt Ion:188 Resp: 299064

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

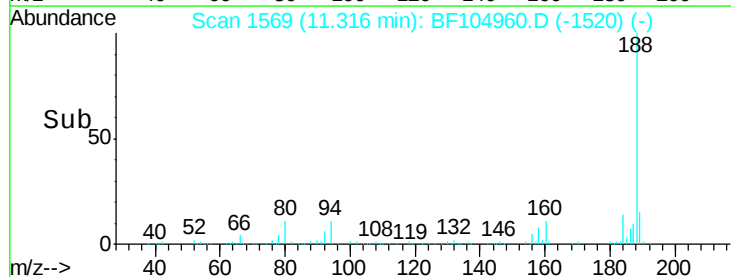
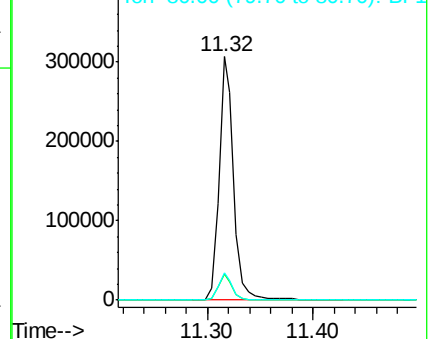
80 11.1 9.2 13.8

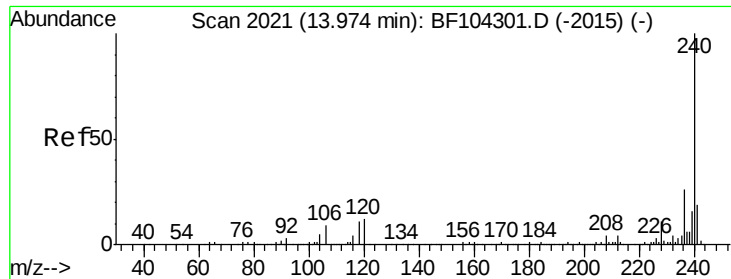


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

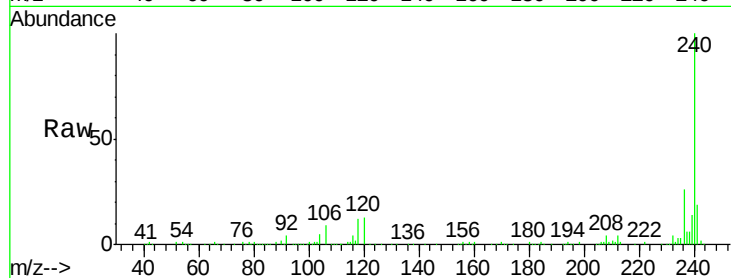




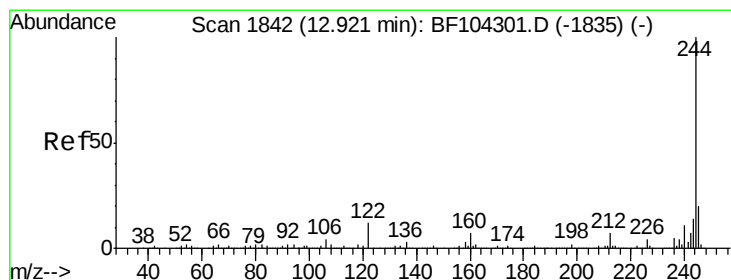
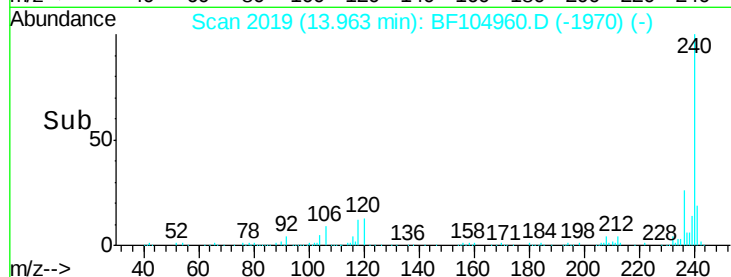
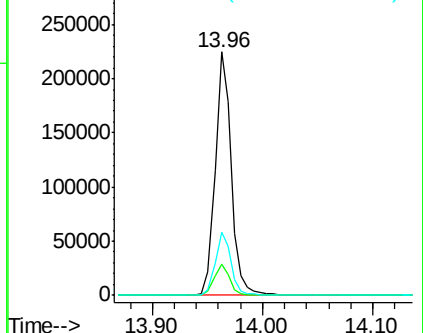
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104960.D
Acq: 1 May 2018 4:18

Instrument :
BNA_F
ClientSampleId :
042618-DBRI-F-D-S

Tot Ion:240 Resp: 224662
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.9 20.7 31.1

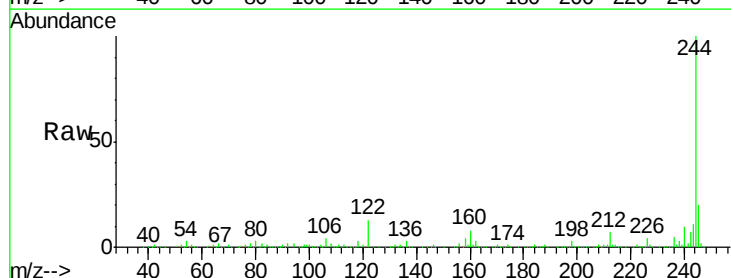


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

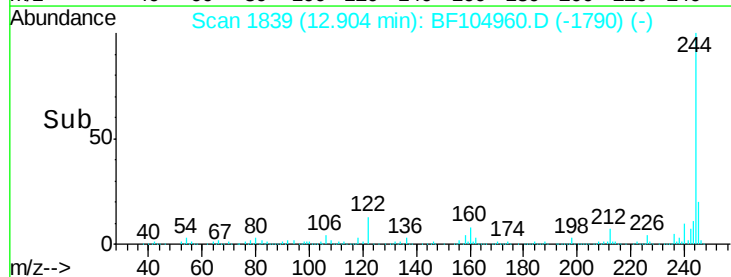
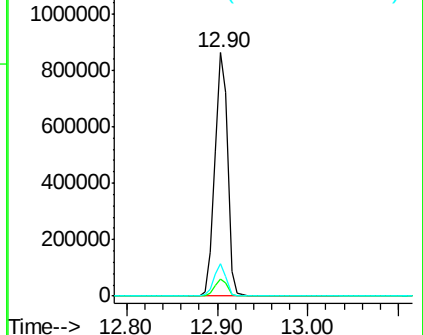


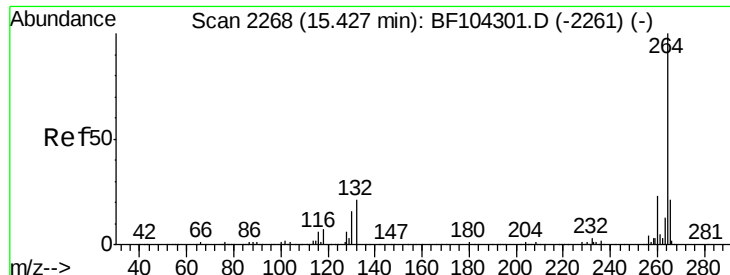
#78
Terphenyl-d14
Concen: 85.497 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104960.D
Acq: 1 May 2018 4:18

Tgt Ion:244 Resp: 842518
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.1 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
Pervlone-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104960.D
Acq: 1 May 2018 4:18

Instrument :
BNA_F
ClientSampleId :
042618-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.5	26.3

