

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104606.D
 Acq On : 18 Apr 2018 17:18
 Operator : JU/SJ
 Sample : J2427-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Apr 18 18:07:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

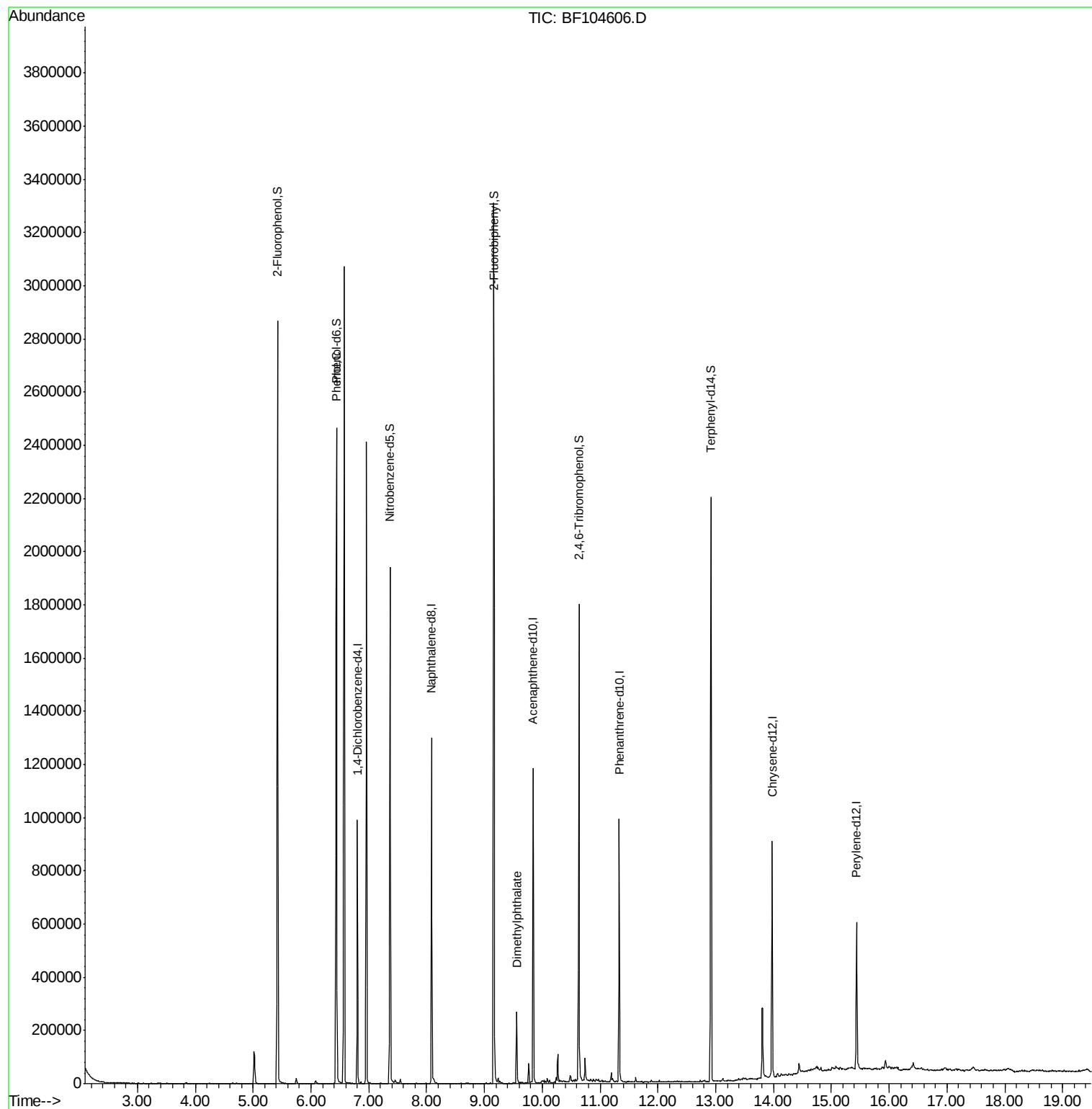
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141700	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	566192	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239027	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	361785	20.00	ng	0.00
75) Chrysene-d12	13.97	240	281975	20.00	ng	0.00
86) Perylene-d12	15.44	264	236377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	867050	93.56	ng	0.00
7) Phenol-d6	6.44	99	1063169	93.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	653917	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	220878	89.08	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1036029	68.47	ng	0.00
78) Terphenyl-d14	12.92	244	754811	61.03	ng	0.00
Target Compounds						
10) Phenol	6.45	94	25812	2.137	ng	95
49) Dimethylphthalate	9.56	163	110588	5.867	ng	100

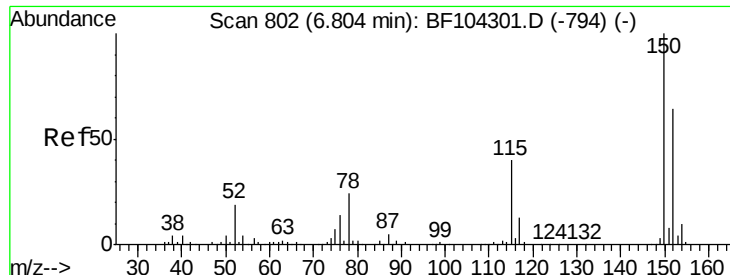
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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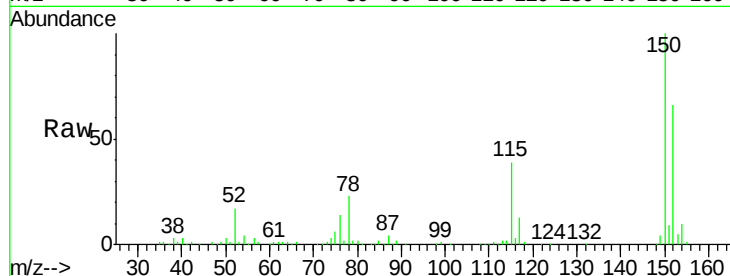


#1

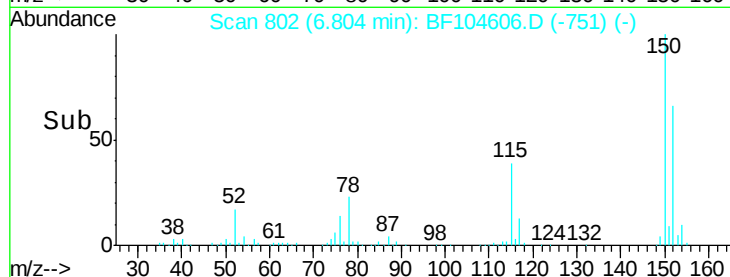
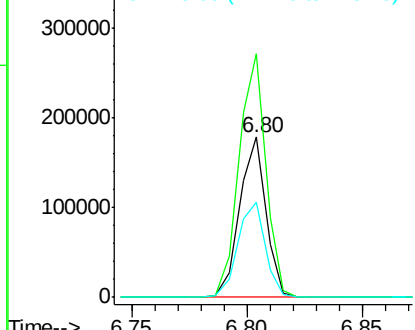
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:152 Resp: 141700
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.7 50.1 75.1



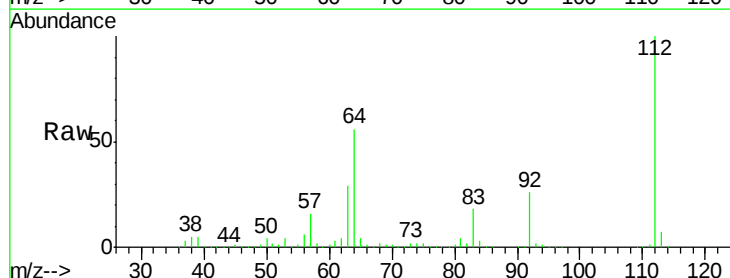
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



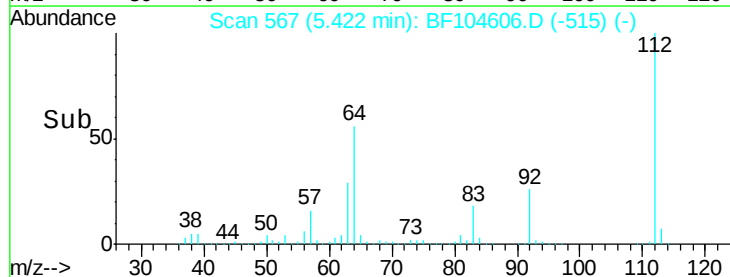
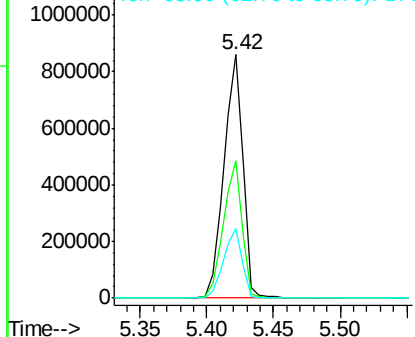
#5

2-Fluorophenol
Concen: 93.562 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion:112 Resp: 867050
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.8 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: 93.372 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

Instrument :

BNA_F

ClientSampled :

T-2

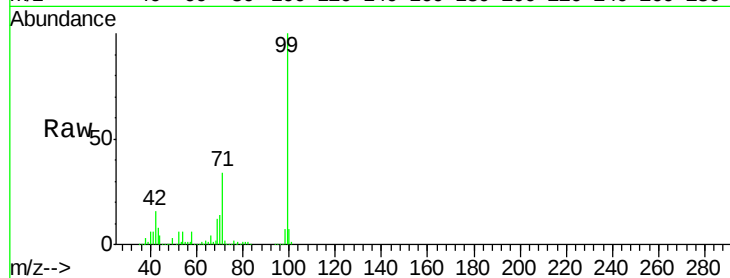
Tot Ion: 99 Resp: 1063169

Ion Ratio Lower Upper

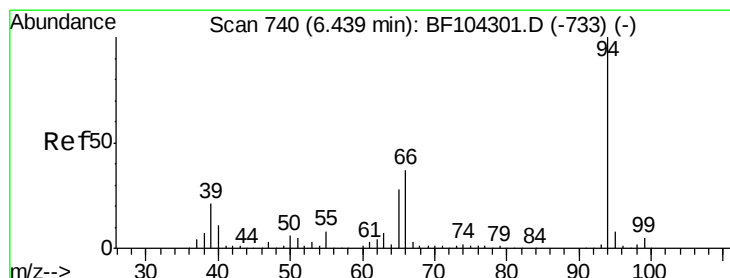
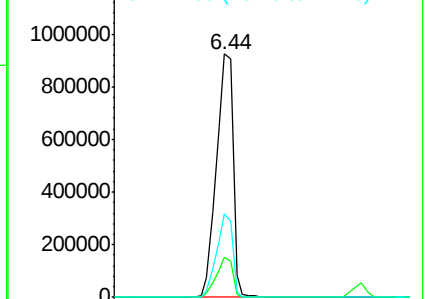
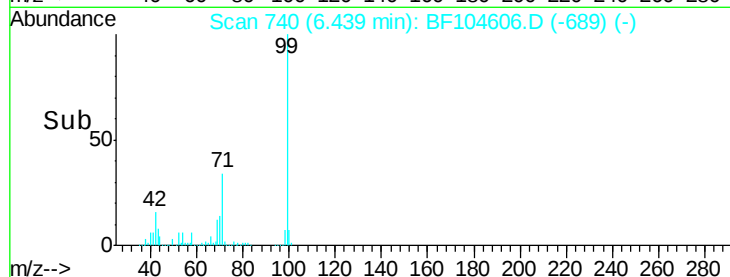
99 100

42 16.5 14.5 21.7

71 34.1 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



#10

Phenol

Concen: 2.137 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

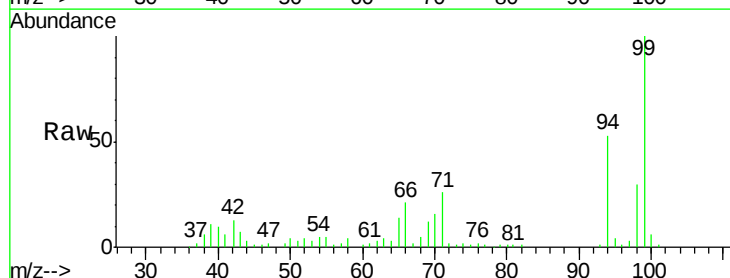
Tgt Ion: 94 Resp: 25812

Ion Ratio Lower Upper

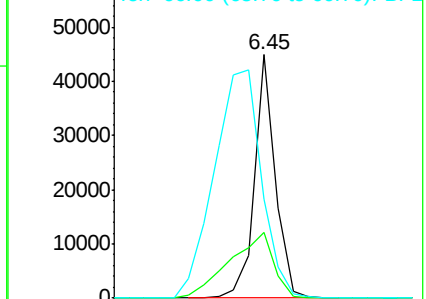
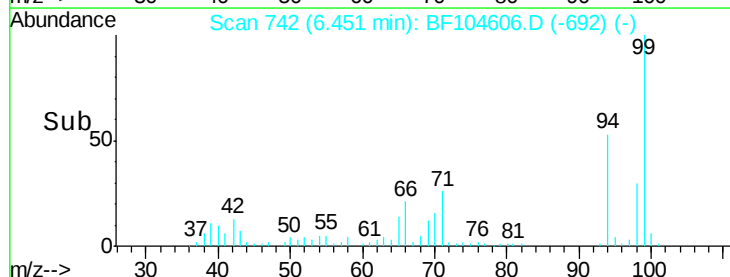
94 100

65 26.9 7.9 47.9

66 40.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

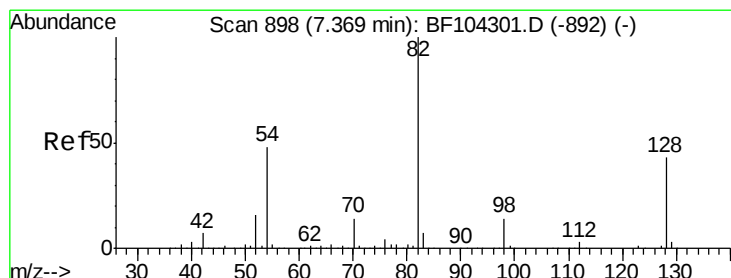
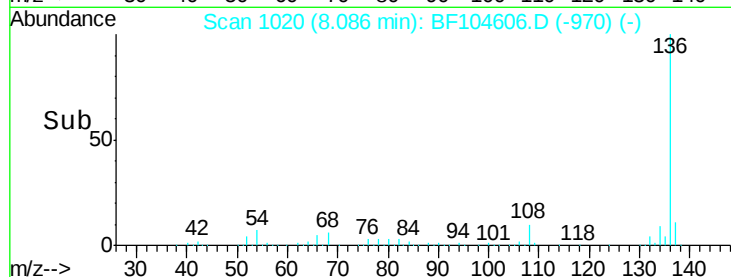
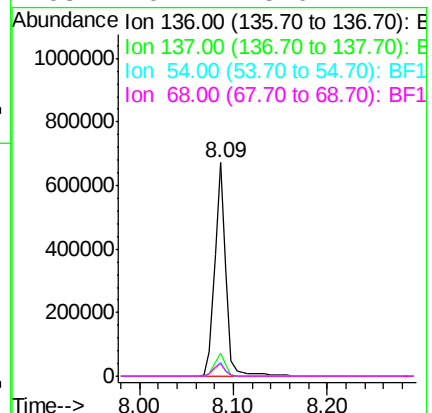
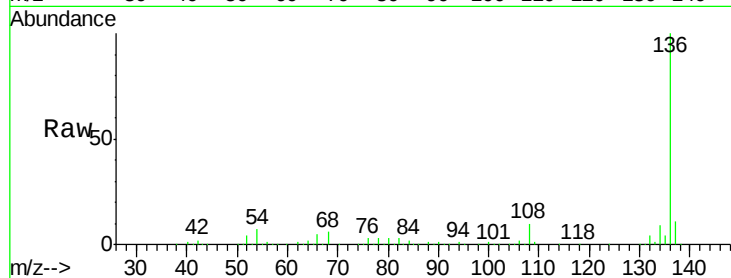




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

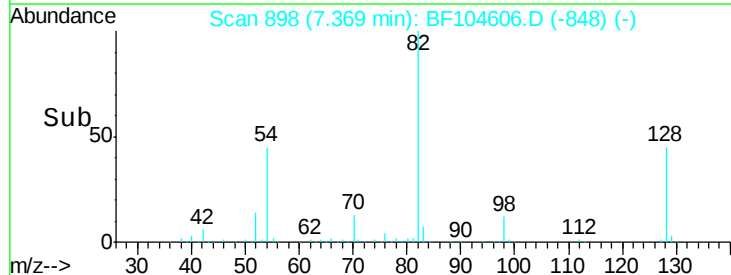
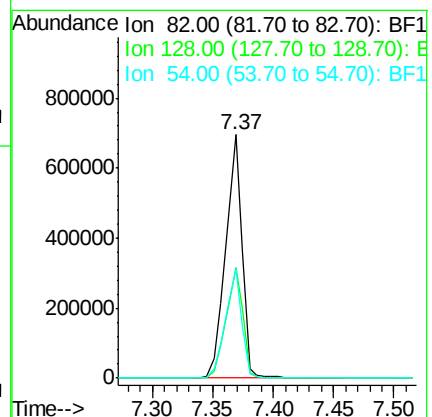
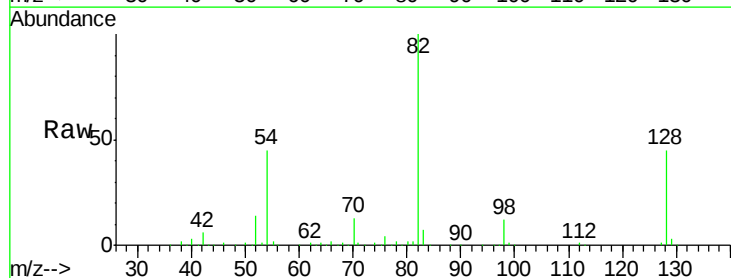
Instrument :
BNA_F
ClientSampled :
T-2

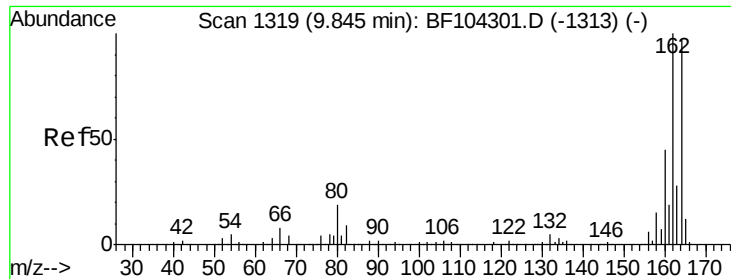
Tot Ion:136	Resp:	566192
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.7	6.6 9.8
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 75.415 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion: 82	Resp:	653917
Ion	Ratio	Lower Upper
82	100	
128	45.3	36.1 54.1
54	44.9	41.4 62.2

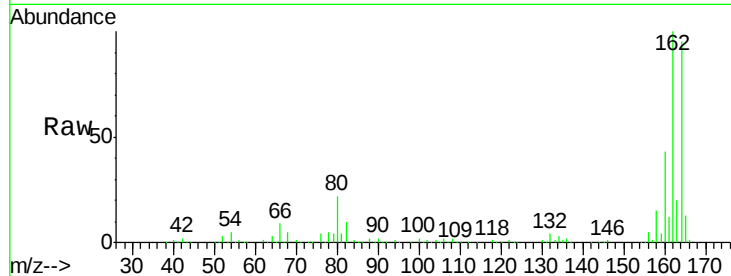




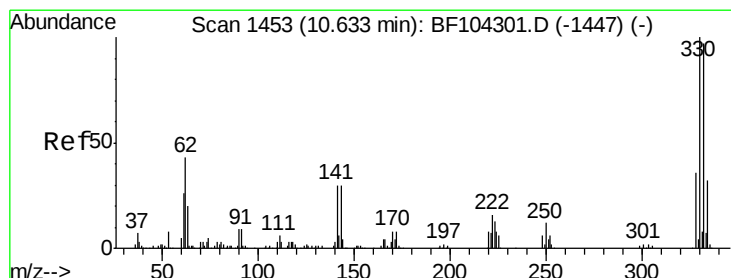
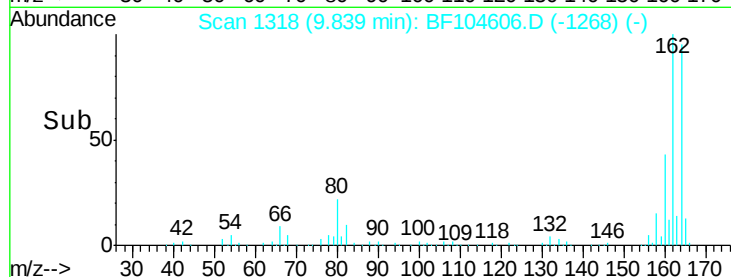
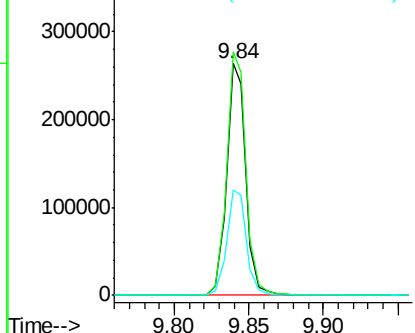
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:164 Resp: 239027
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.6 38.3 57.5

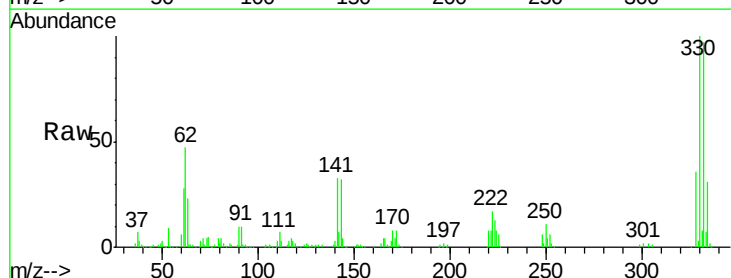


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

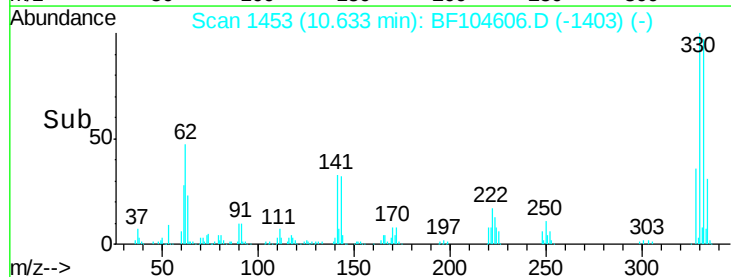
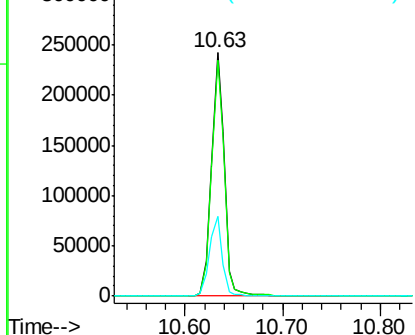


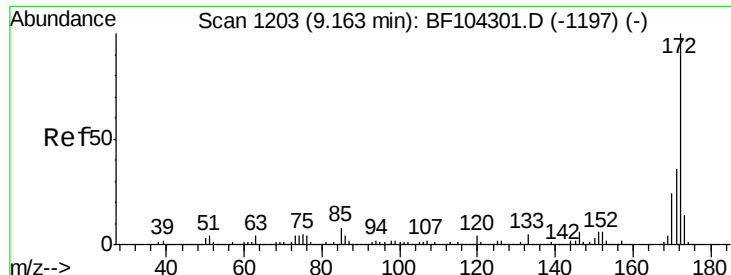
#41
2,4,6-Tribromophenol
Concen: 89.082 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion:330 Resp: 220878
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.2 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



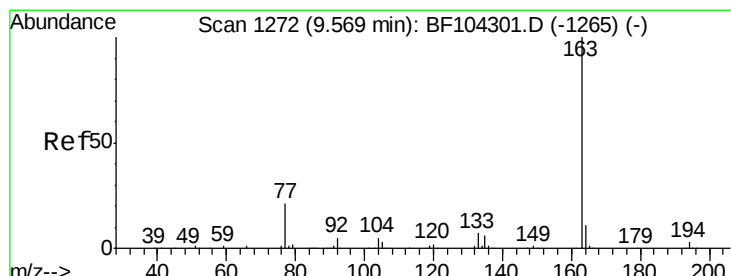
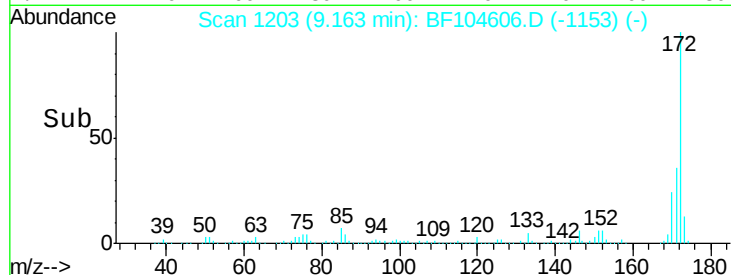
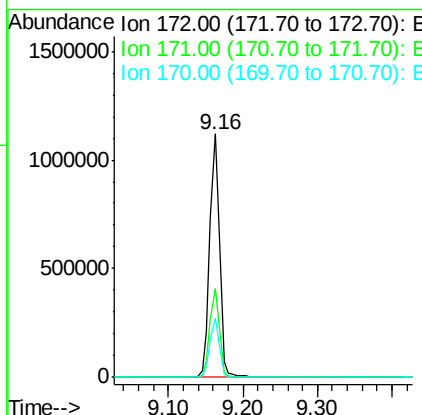
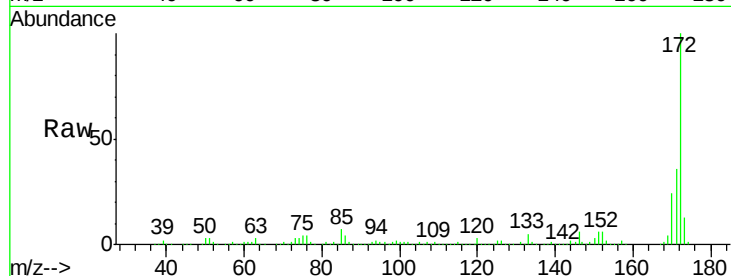


#44
 2-Fluorobiphenyl
 Concen: 68.472 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tot Ion:172 Resp: 1036029

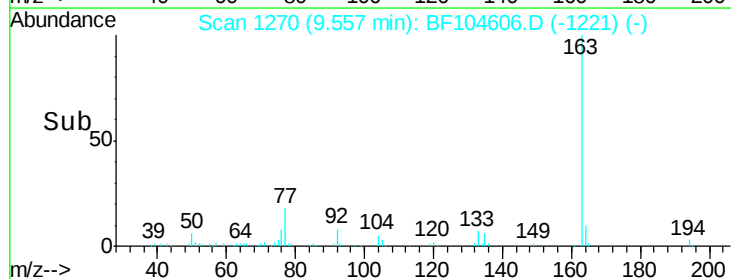
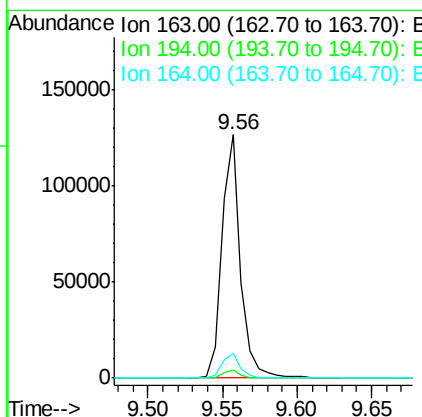
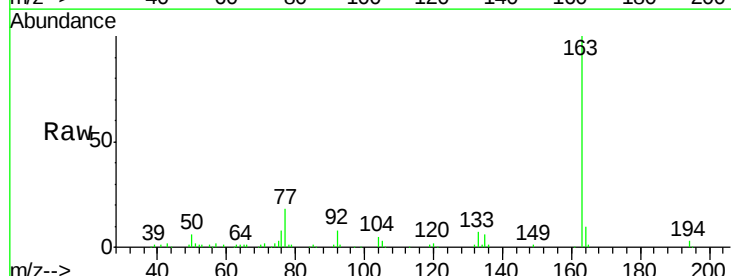
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



#49
 Dimethylphthalate
 Concen: 5.867 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:163 Resp: 110588

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

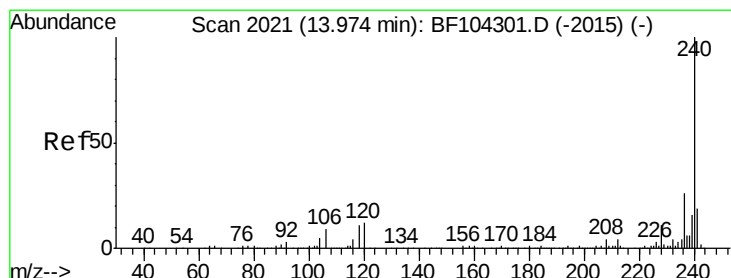
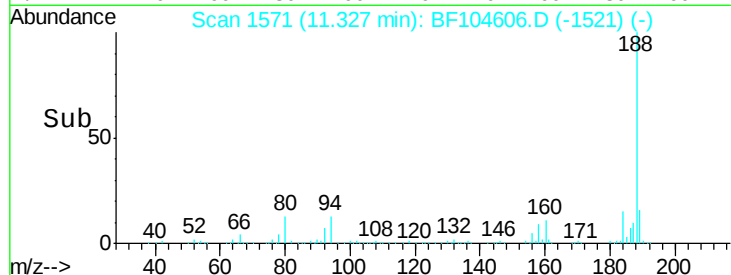
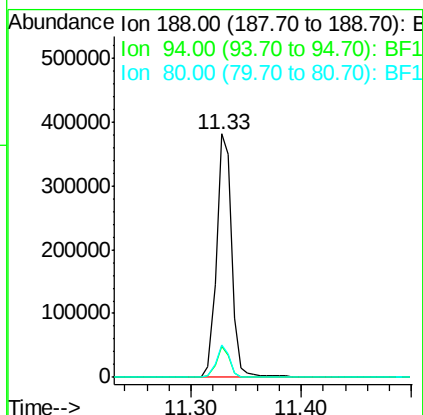
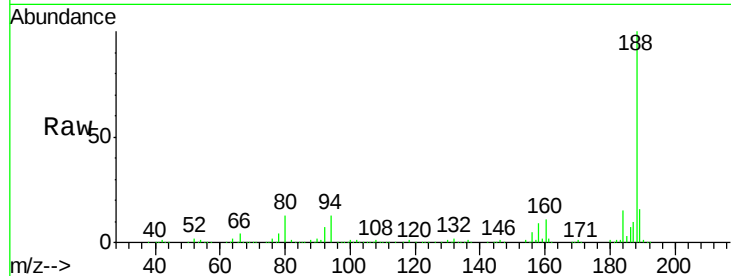




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

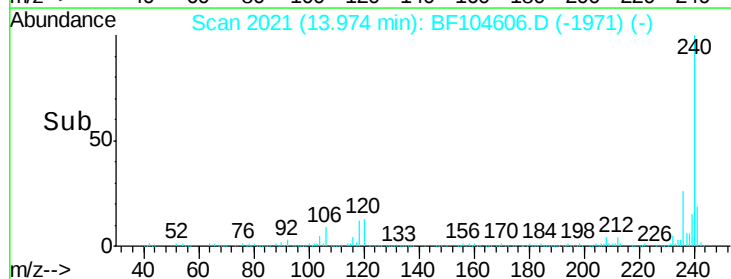
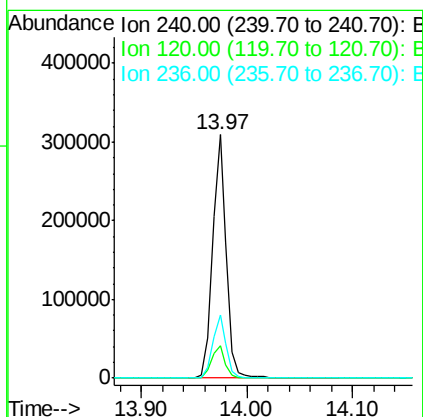
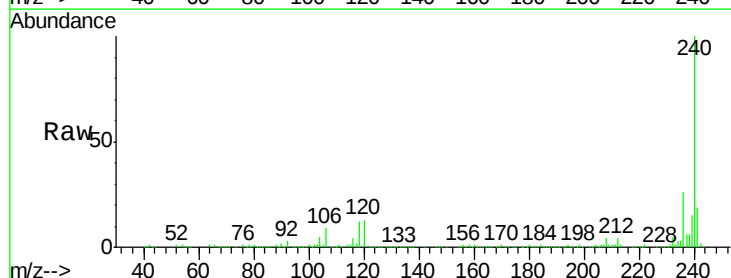
Instrument :
BNA_F
ClientSampled :
T-2

Tot Ion:188 Resp: 361785
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion:240 Resp: 281975
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.9 20.7 31.1

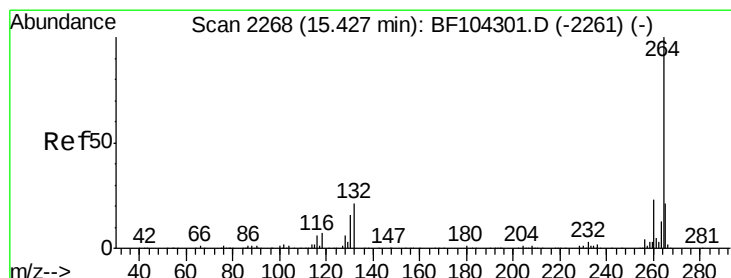
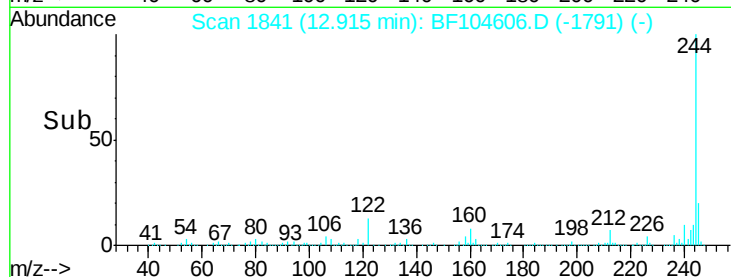
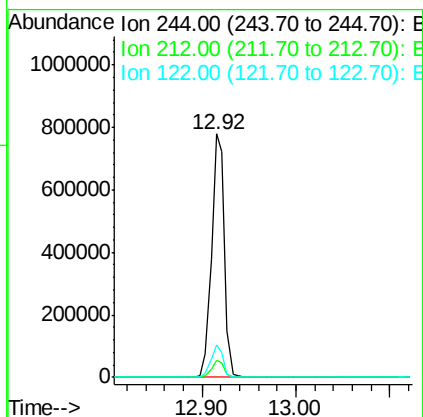
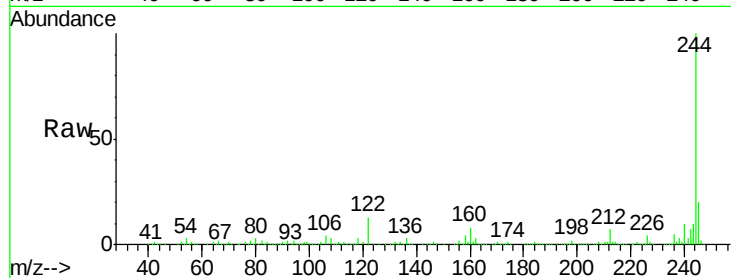




#78
 Terphenyl-d14
 Concen: 61.028 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Instrument :
 BNA_F
 ClientSampled :
 T-2

Tot Ion:244 Resp: 754811
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:264 Resp: 236377
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.5 17.5 26.3

