

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104583.D
 Acq On : 18 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2410-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Apr 18 03:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

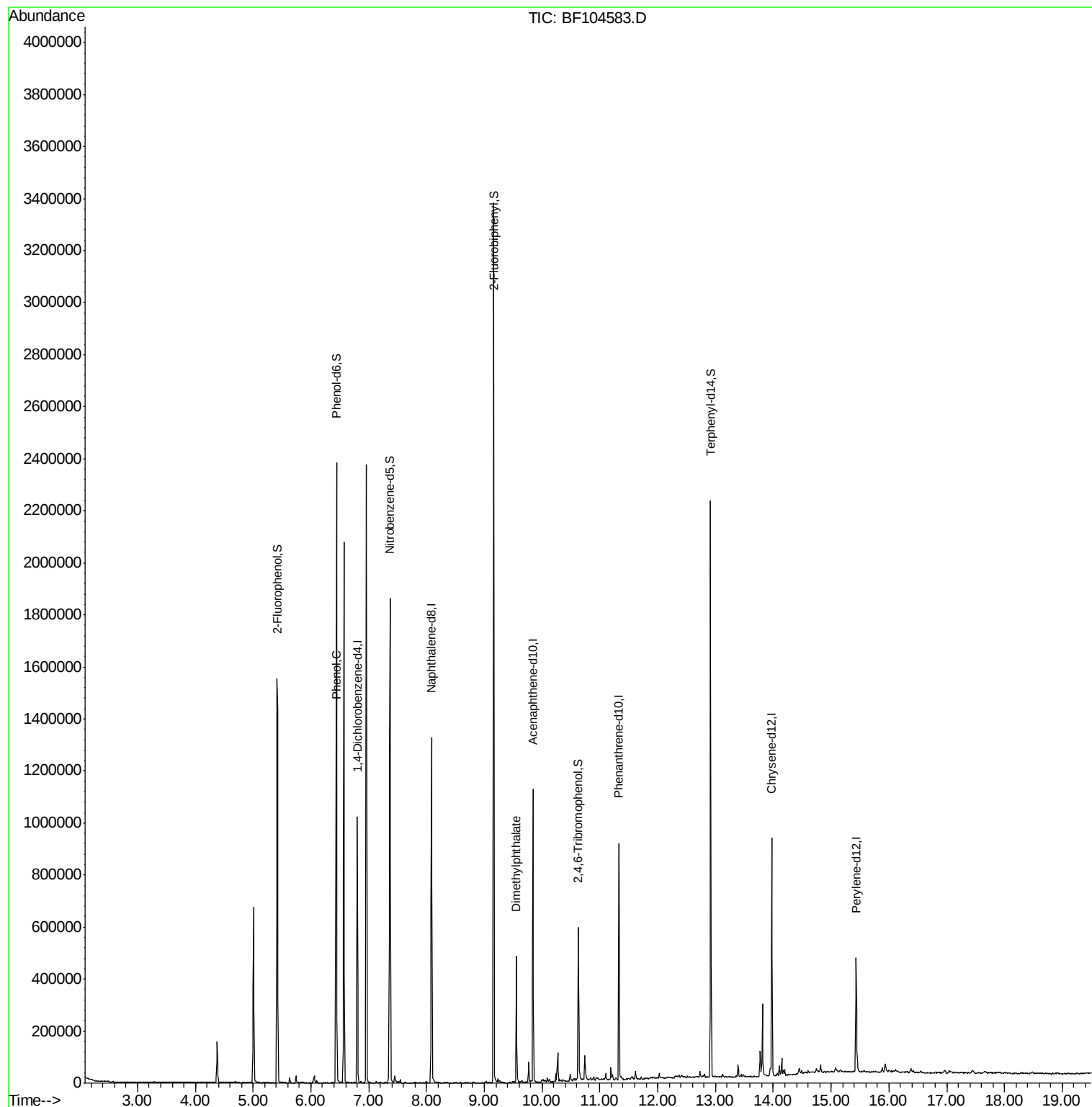
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143686	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569621	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	230693	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	341400	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283717	20.00	ng	0.00
86) Perylene-d12	15.43	264	202564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	461760	49.14	ng	0.00
7) Phenol-d6	6.44	99	910991	78.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	610382	69.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	70962	29.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1015814	69.56	ng	0.00
78) Terphenyl-d14	12.92	244	789292	63.42	ng	0.00
Target Compounds						
10) Phenol	6.45	94	41844	3.416	ng	94
49) Dimethylphthalate	9.56	163	182223	10.017	ng	100

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

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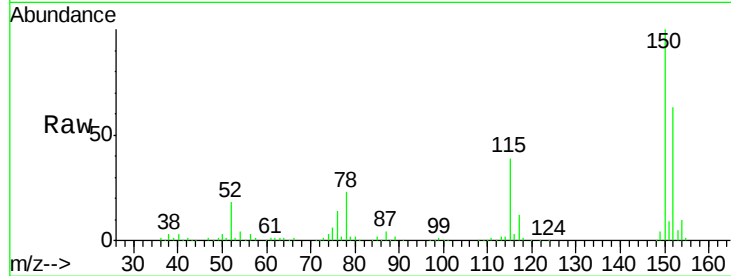


#1

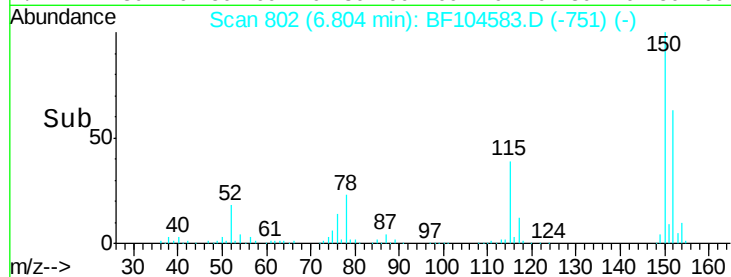
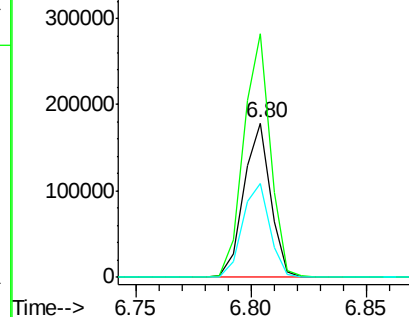
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:152 Resp: 143686
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.3 50.1 75.1



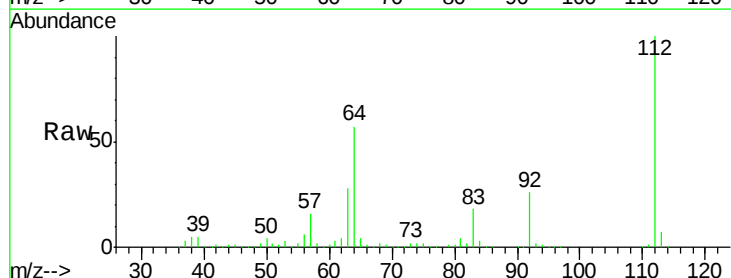
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



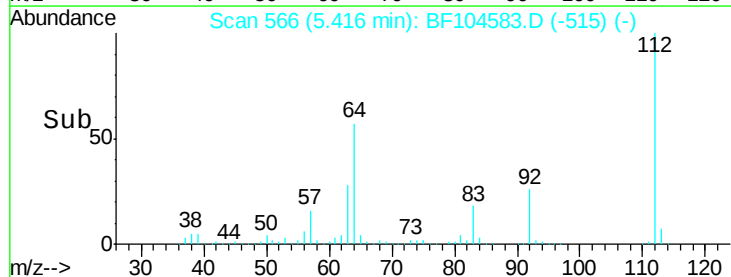
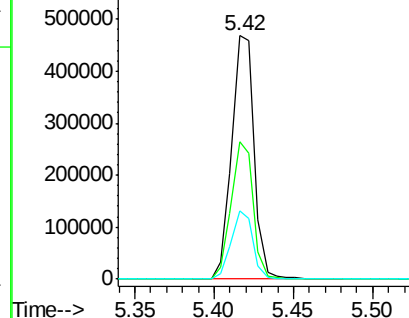
#5

2-Fluorophenol
Concen: 49.139 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:112 Resp: 461760
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.2 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: 78.902 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

T-2

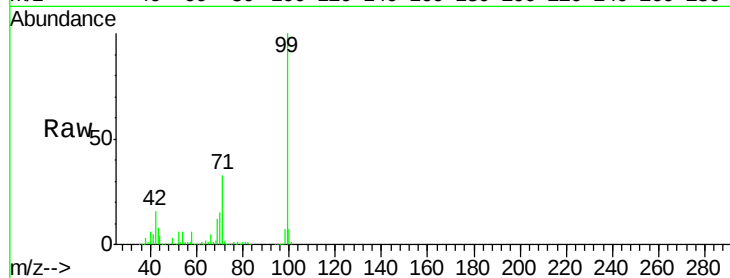
Tot Ion: 99 Resp: 910991

Ion Ratio Lower Upper

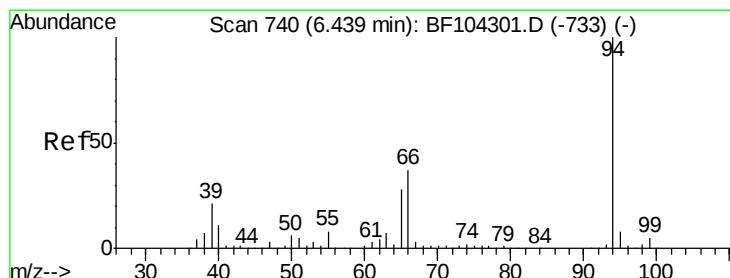
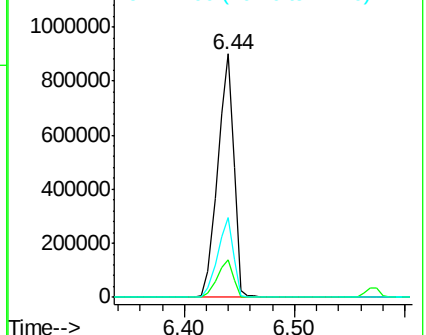
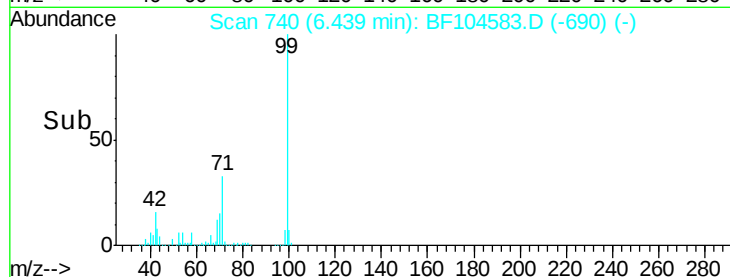
99 100

42 15.7 14.5 21.7

71 32.6 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: 3.416 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

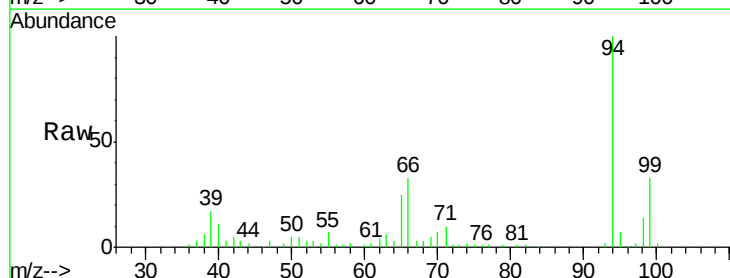
Tgt Ion: 94 Resp: 41844

Ion Ratio Lower Upper

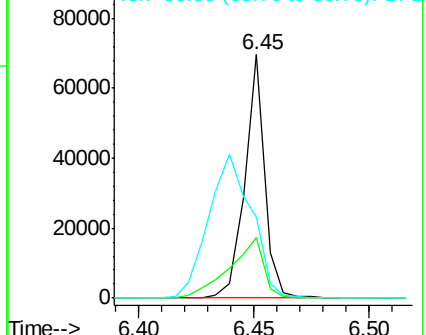
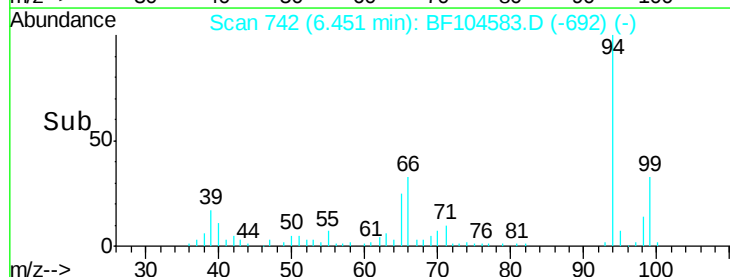
94 100

65 24.8 7.9 47.9

66 33.0 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

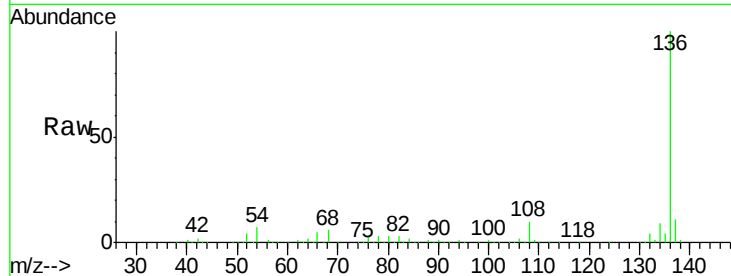




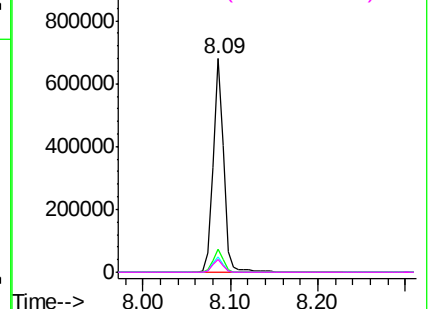
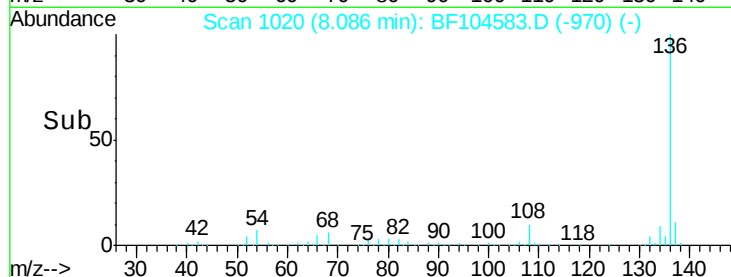
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:136	Resp:	569621
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.2	6.6 9.8
68	6.2	5.0 7.4

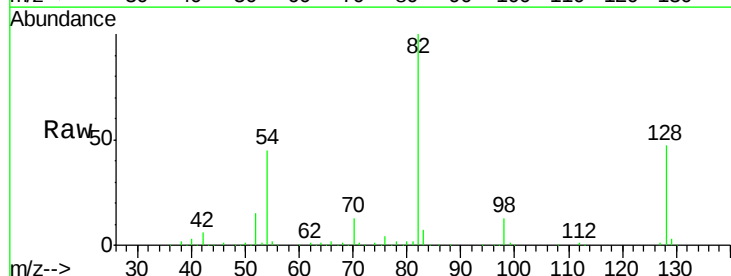


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

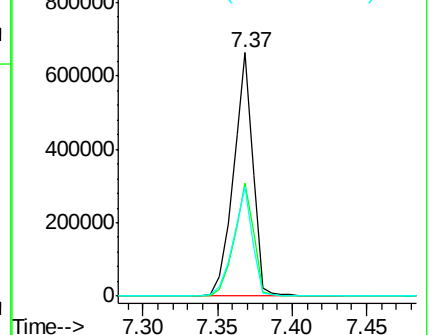
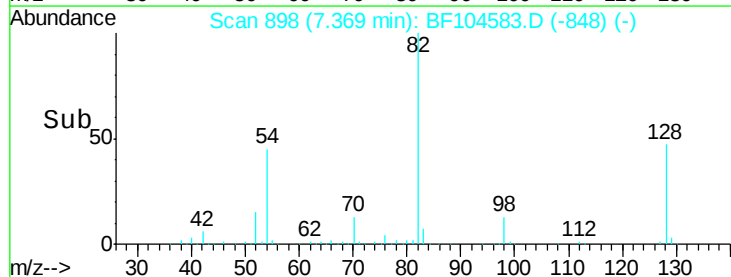


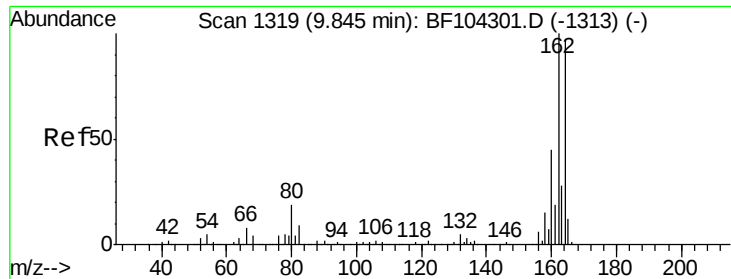
#23
Nitrobenzene-d5
Concen: 69.971 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion: 82	Resp:	610382
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	44.8	41.4 62.2



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

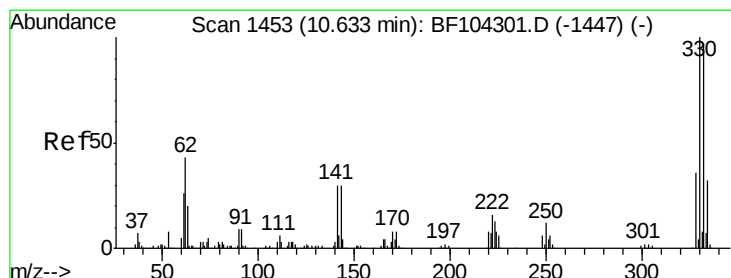
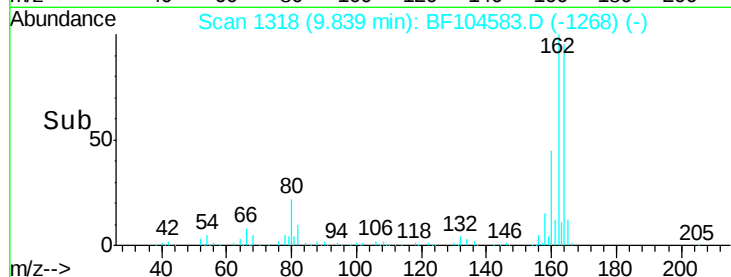
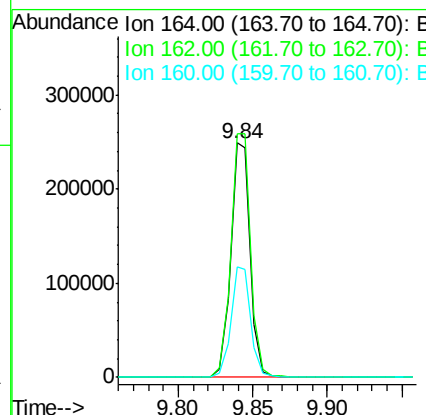
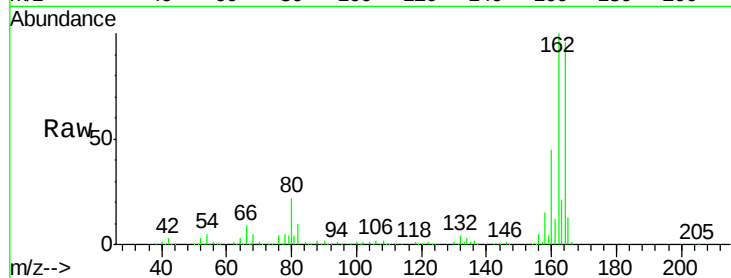




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

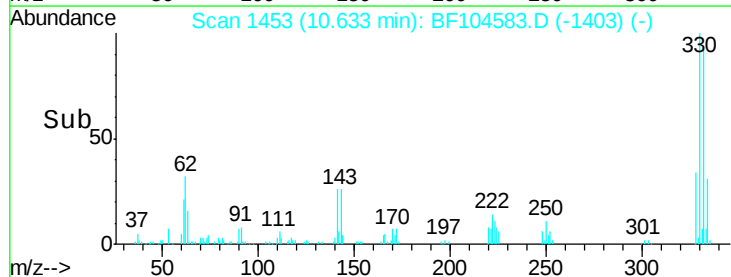
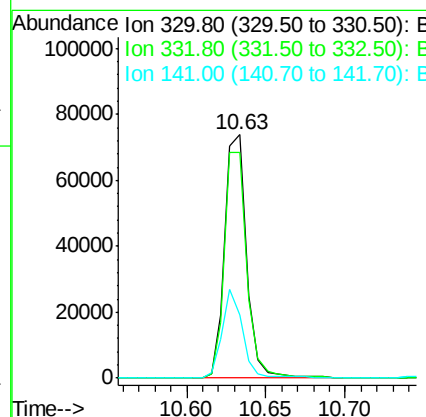
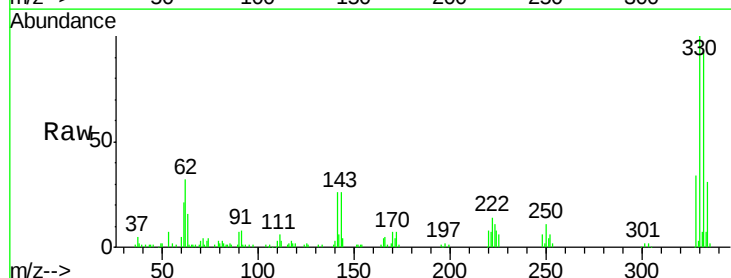
Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 29.653 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.8	29.9	44.9

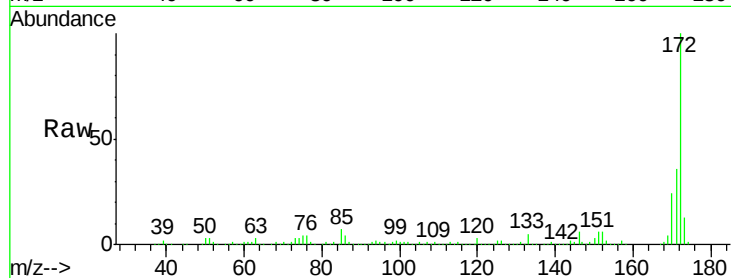




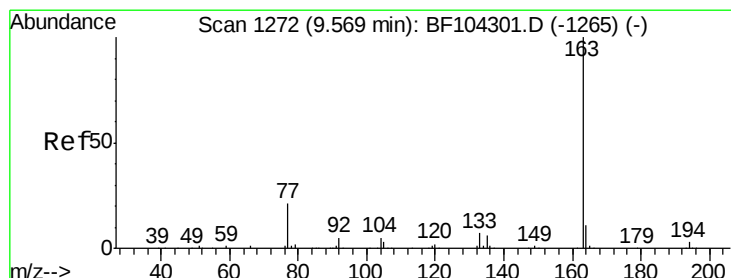
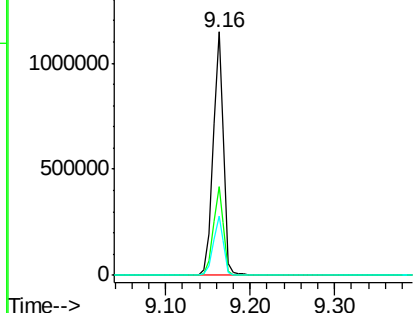
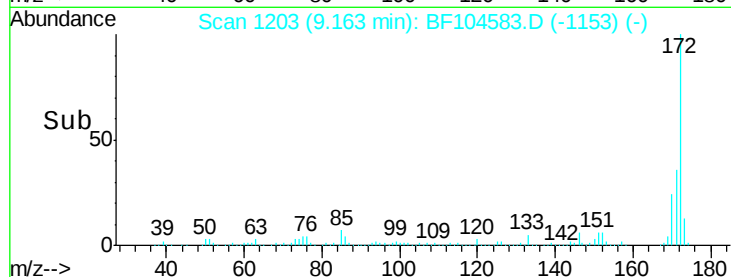
#44
2-Fluorobiphenyl
Concen: 69.561 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:172 Resp: 1015814
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4

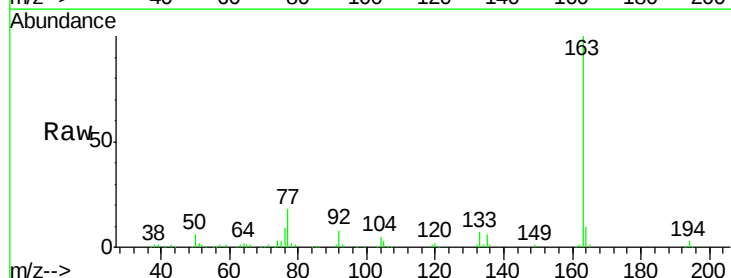


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

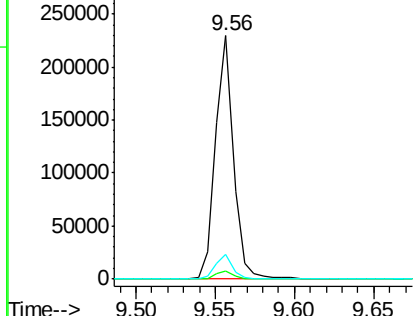
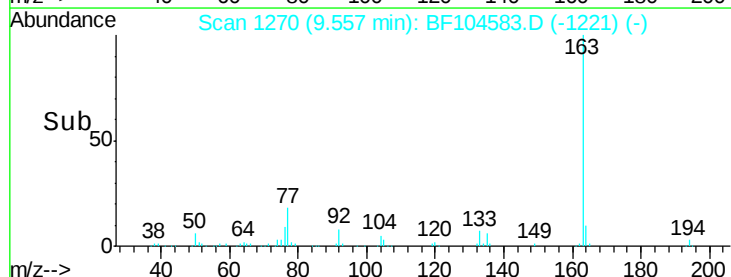


#49
Dimethylphthalate
Concen: 10.017 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:163 Resp: 182223
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 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

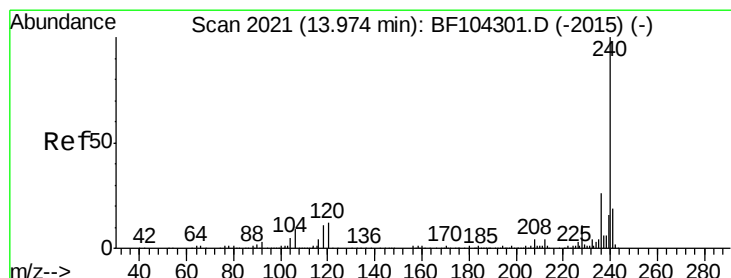
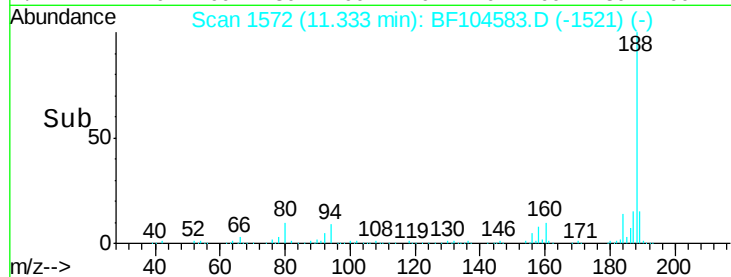
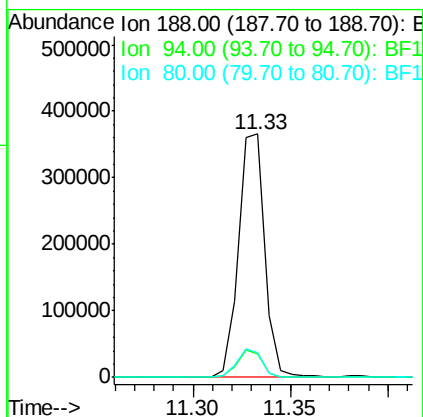
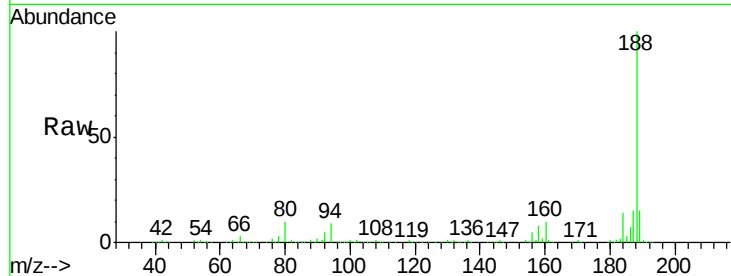




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

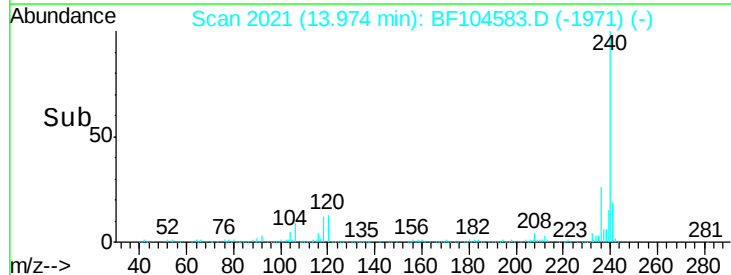
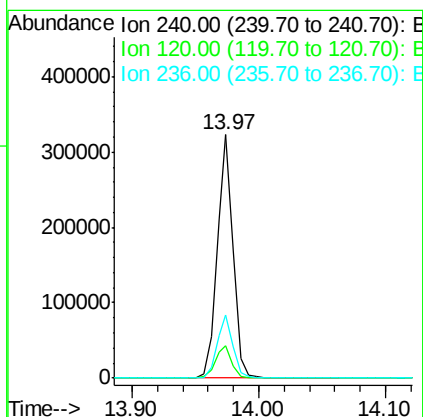
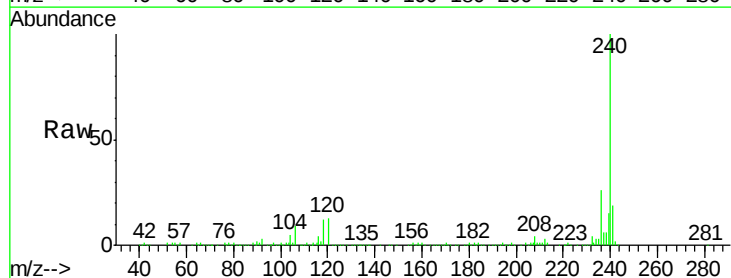
Instrument :
BNA_F
ClientSampled :
T-2

Tot Ion:188 Resp: 341400
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 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: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:240 Resp: 283717
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.9 20.7 31.1

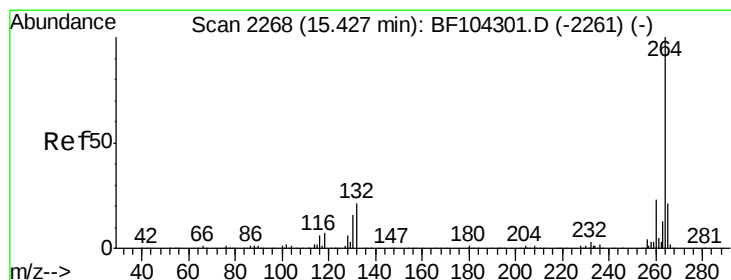
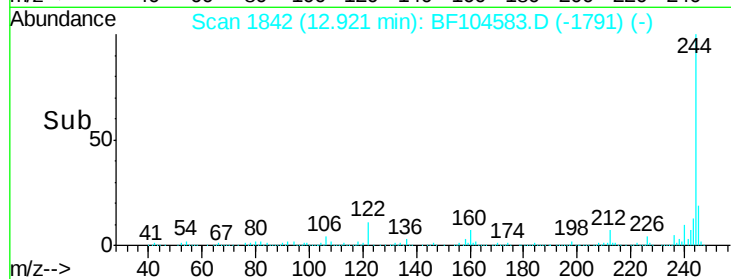
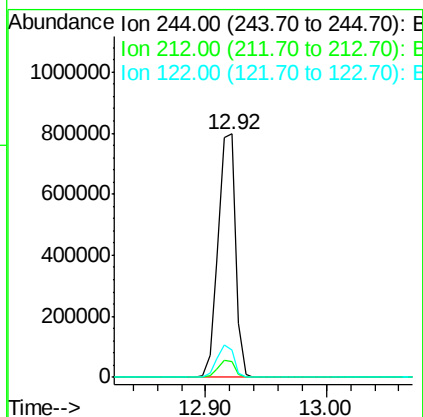
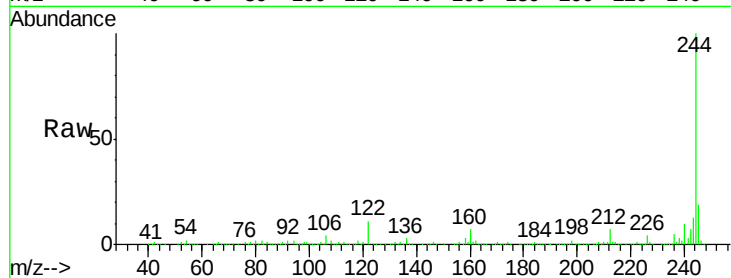




#78
 Terphenyl-d14
 Concen: 63.424 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 789292
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Tgt Ion:264 Resp: 202564
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

