

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102083.D
 Acq On : 16 Jan 2018 00:27
 Operator : SJ/JU
 Sample : J1122-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-2

Quant Time: Jan 16 03:30:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

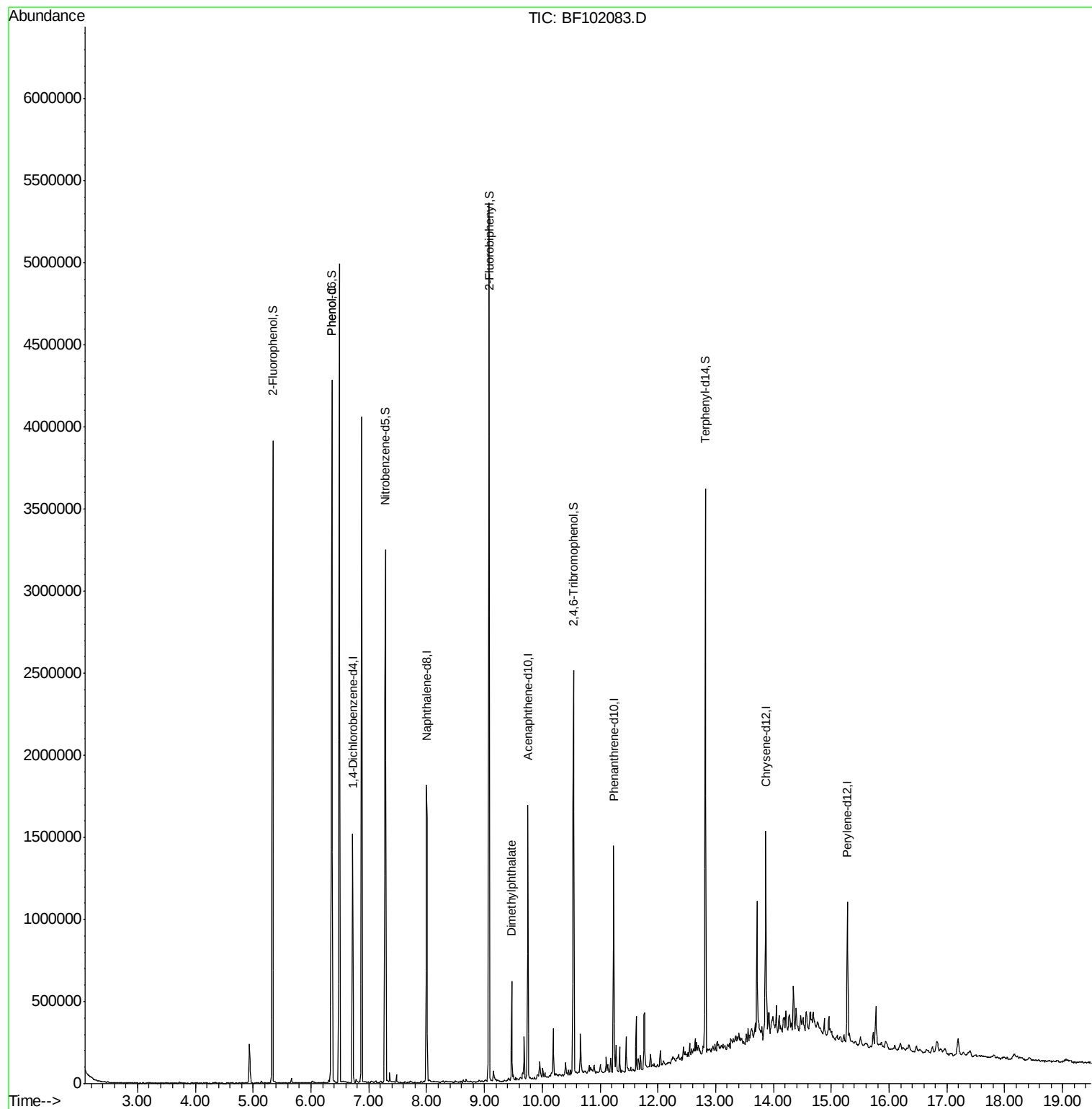
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	208904	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	810323	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	317401	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	432255	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	366956	20.00	ng	-0.02
86) Perylene-d12	15.28	264	359414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1296298	87.62	ng	0.01
7) Phenol-d6	6.36	99	1706033	96.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	1130767	82.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	273589	98.77	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1742800	85.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1125512	63.68	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	64338	3.225	ng	78
49) Dimethylphthalate	9.47	163	212355	8.340	ng	100

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

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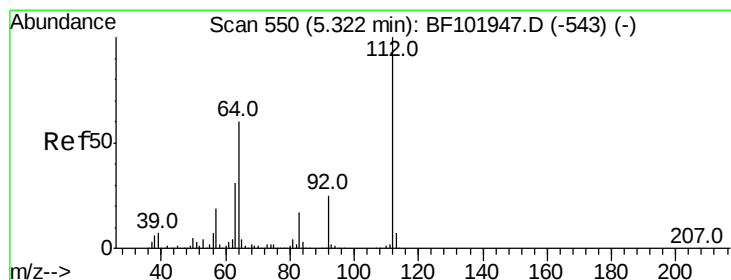
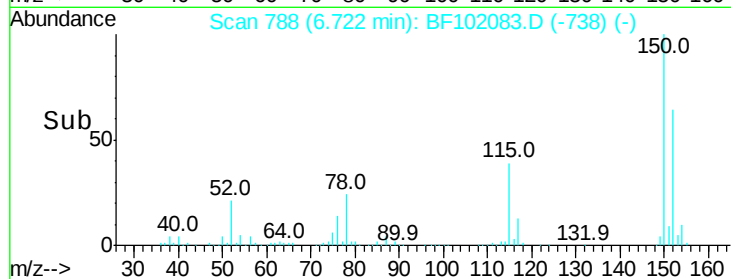
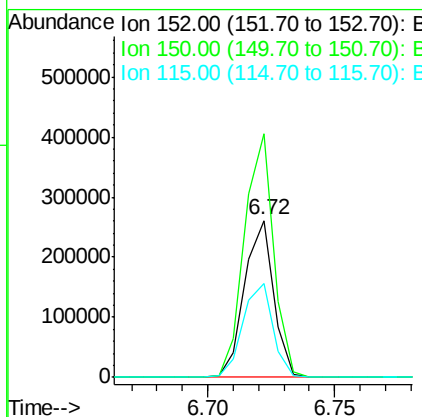
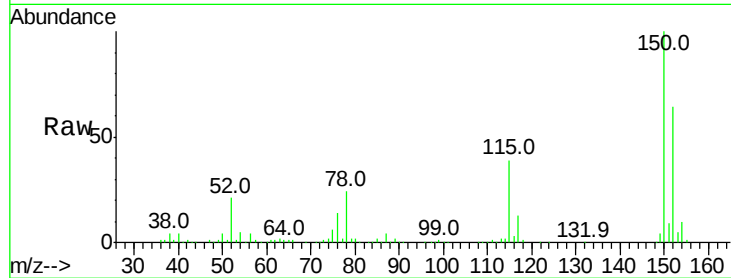


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :
 G-2

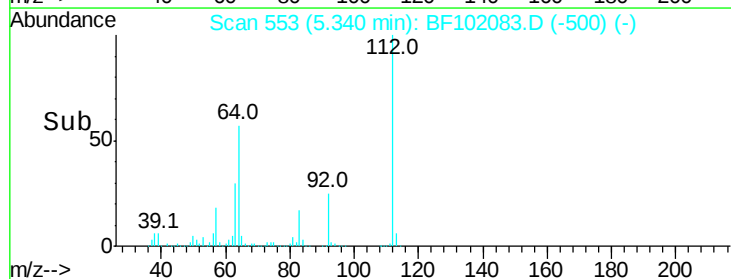
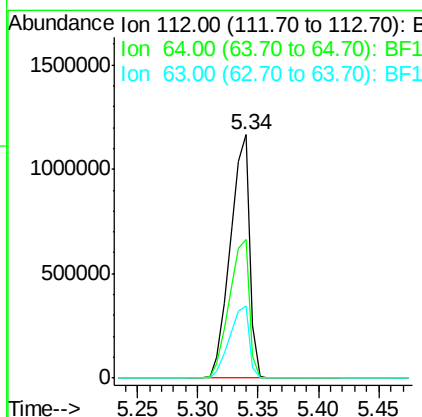
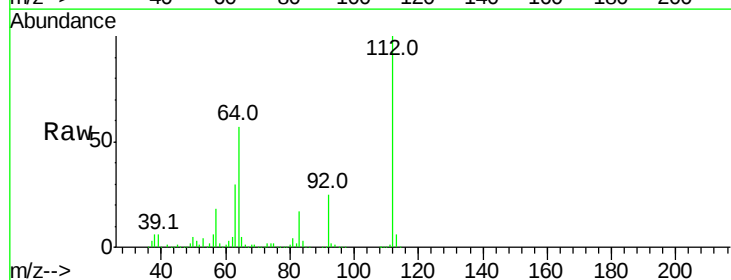
Tot Ion:152 Resp: 208904
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 59.7 50.1 75.1

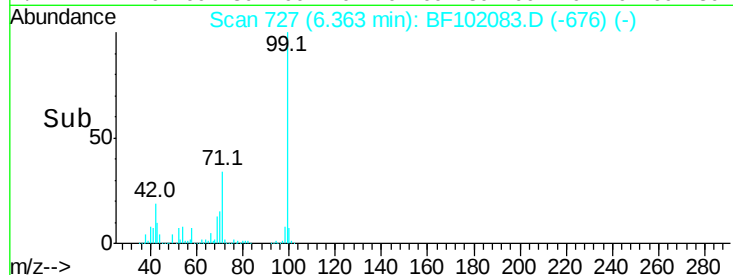
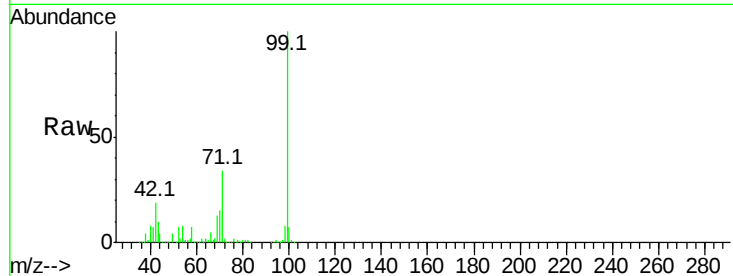


#5

2-Fluorophenol
 Concen: 87.623 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:112 Resp: 1296298
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 96.655 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

Instrument :

BNA_F

ClientSampleId :

G-2

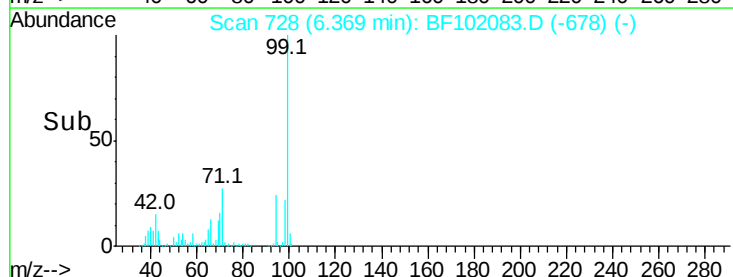
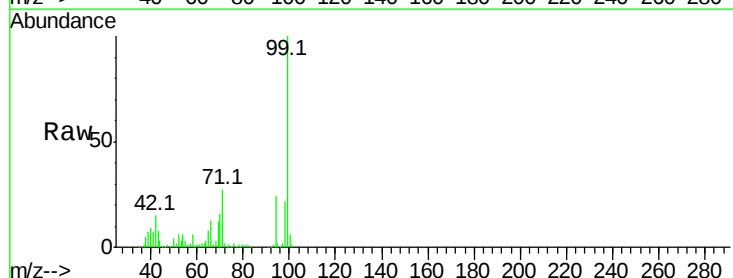
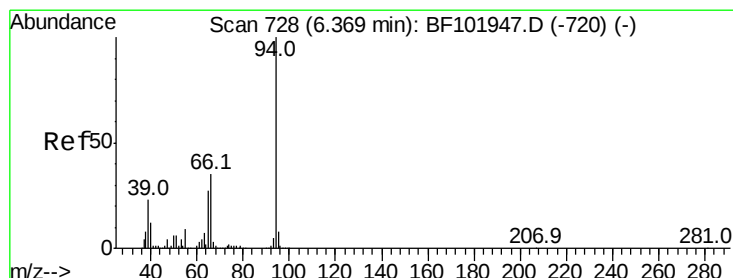
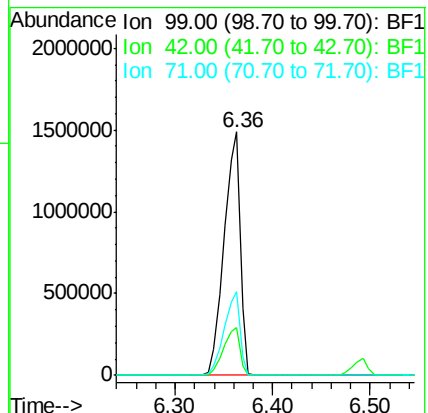
Tot Ion: 99 Resp: 1706033

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 3.225 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

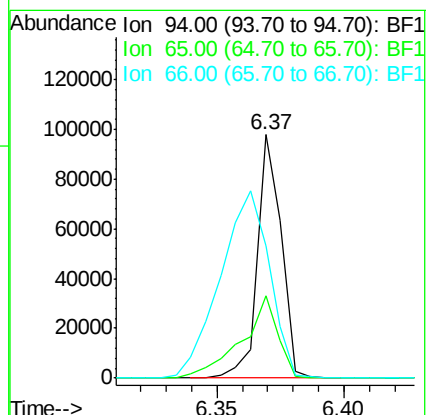
Tgt Ion: 94 Resp: 64338

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

66 54.6 16.2 56.2

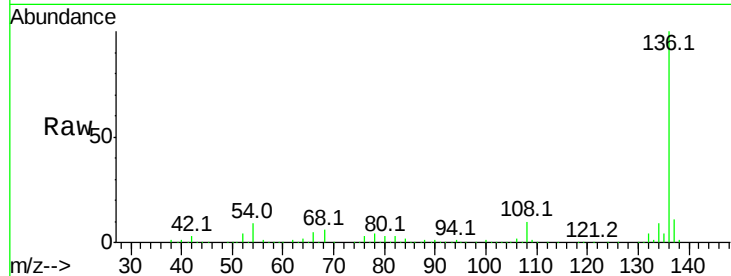




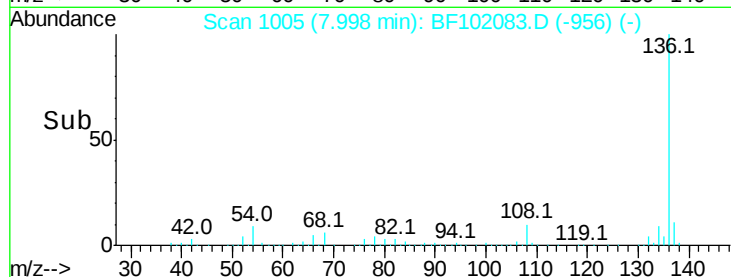
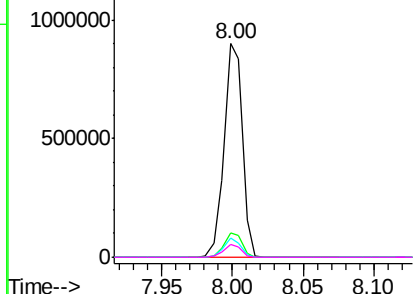
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

Instrument :
BNA_F
ClientSampleId :
G-2

Tot Ion:	136	Resp:	810323
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

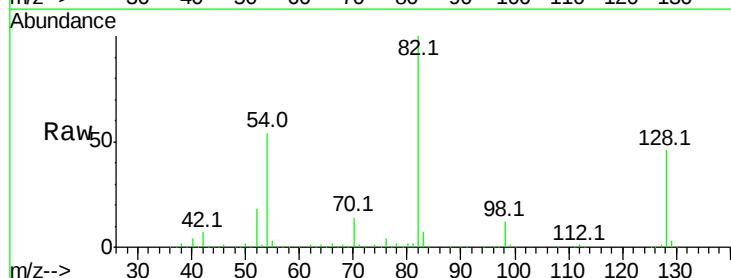


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

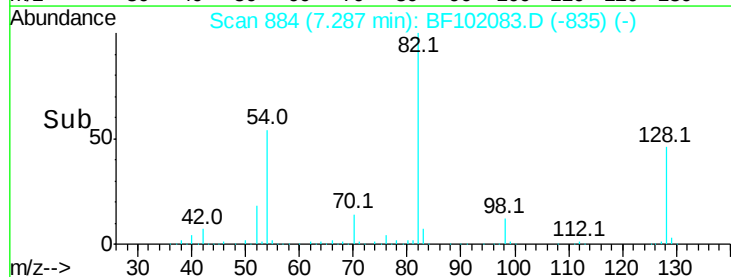
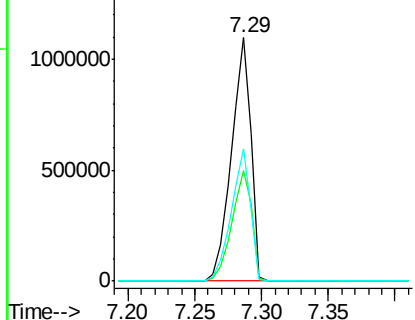


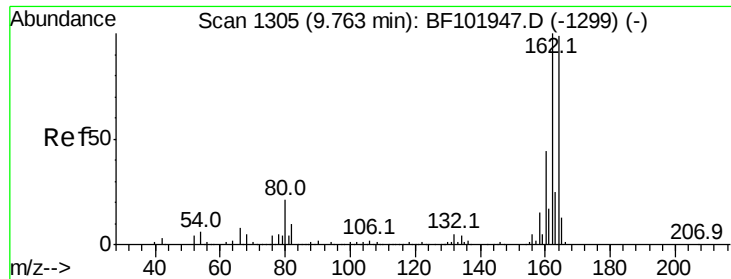
#23
Nitrobenzene-d5
Concen: 82.002 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

Tgt Ion:	82	Resp:	1130767
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.3	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

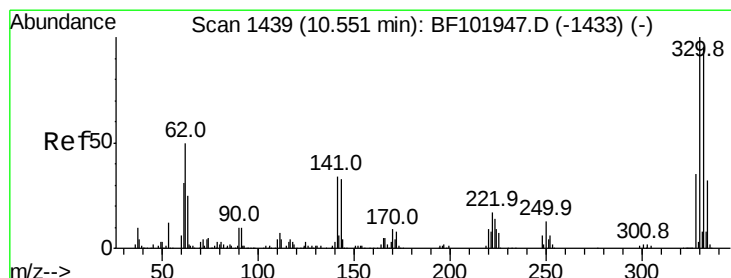
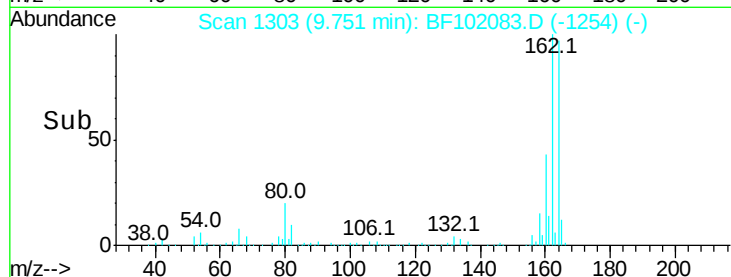
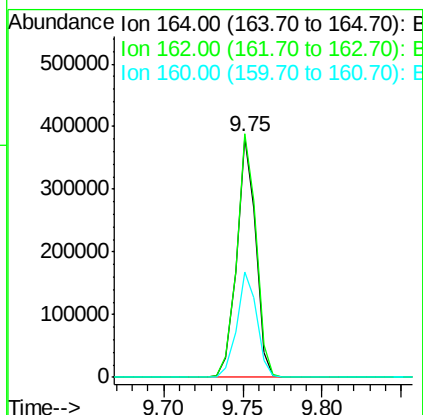
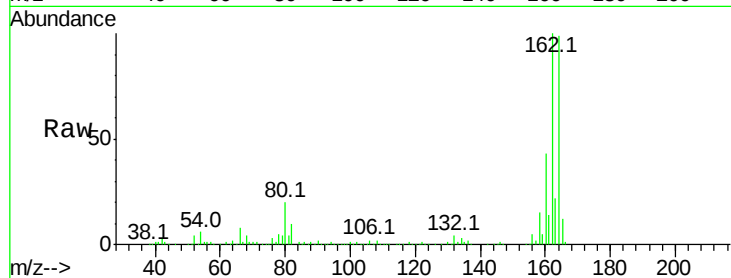




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

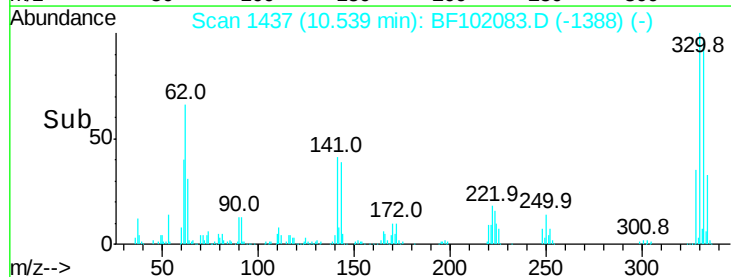
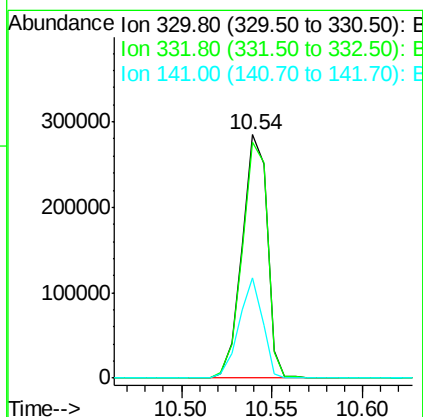
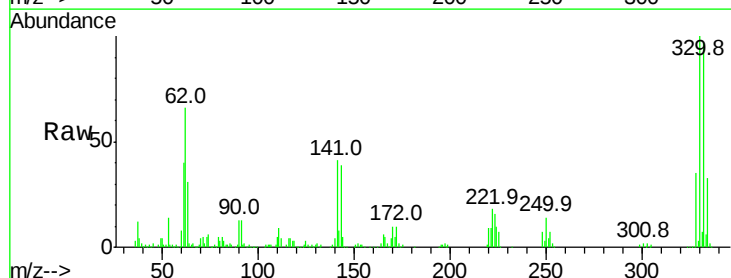
Instrument :
 BNA_F
 ClientSampleId :
 G-2

Tot Ion:164 Resp: 317401
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 44.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 98.772 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:330 Resp: 273589
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 39.2 29.9 44.9



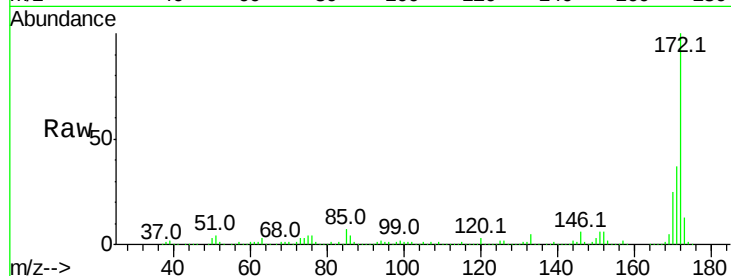


#44
 2-Fluorobiphenyl
 Concen: 85.782 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

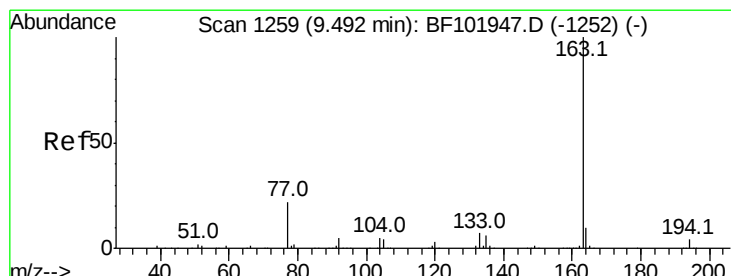
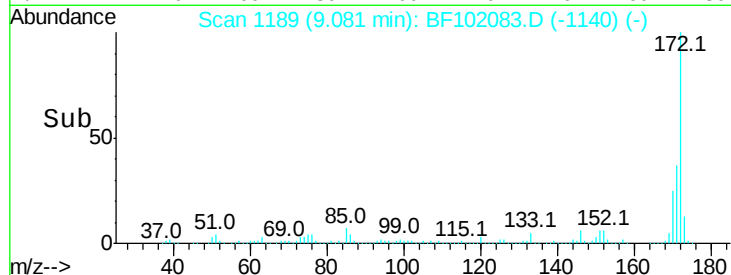
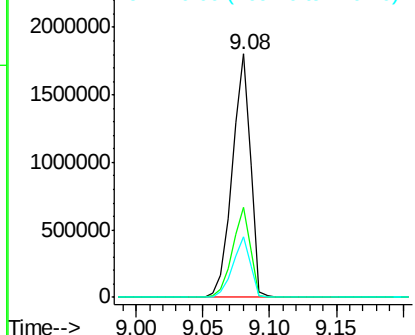
Instrument :
 BNA_F
 ClientSampled :
 G-2

Tot Ion:172 Resp: 1742800

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



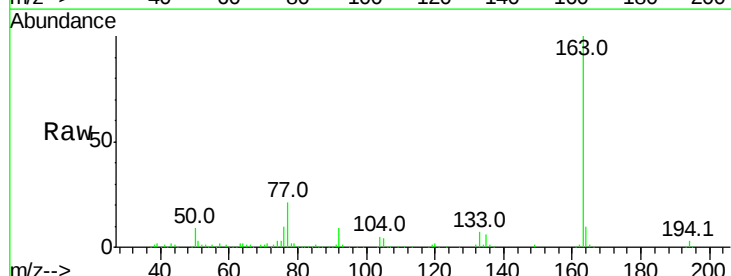
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



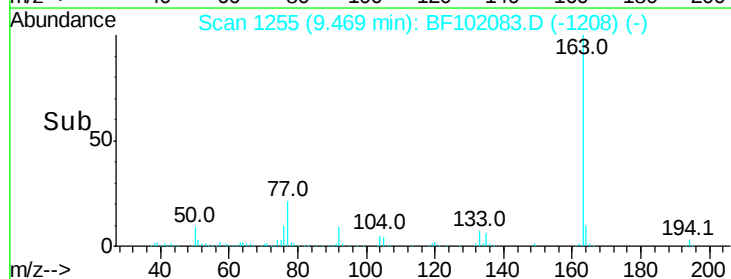
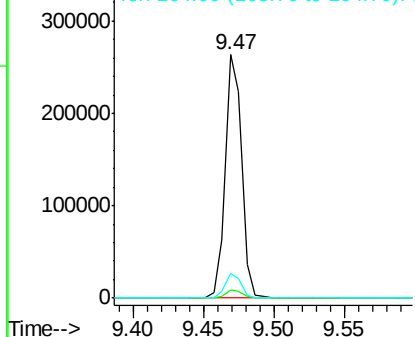
#49
 Dimethylphthalate
 Concen: 8.340 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

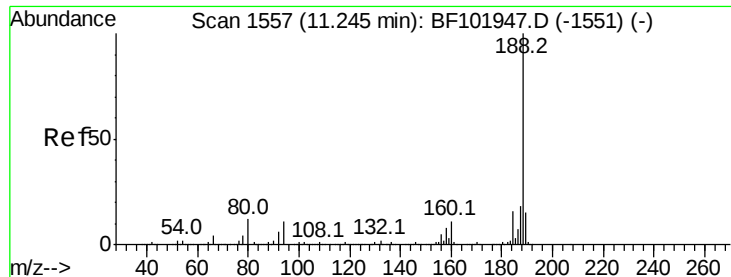
Tgt Ion:163 Resp: 212355

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	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

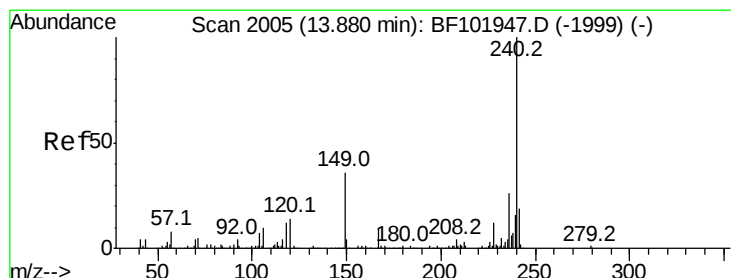
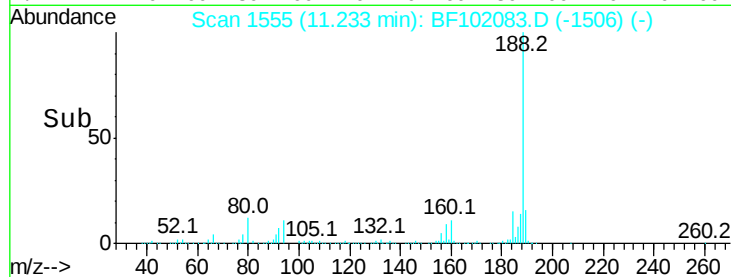
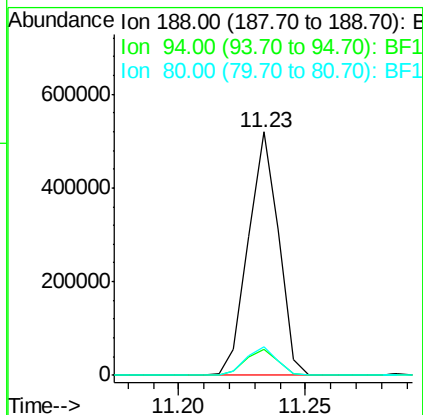
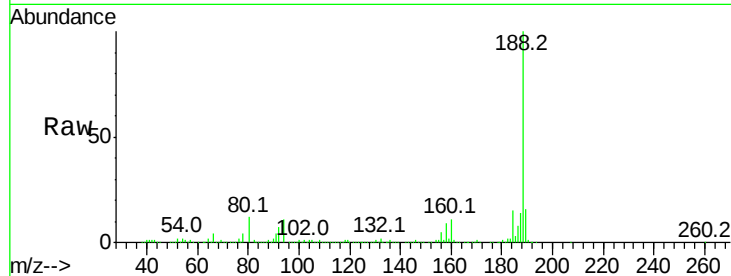




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

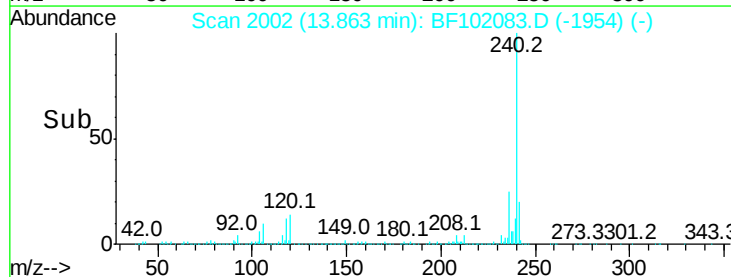
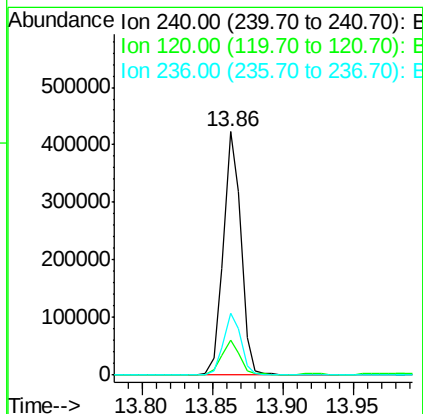
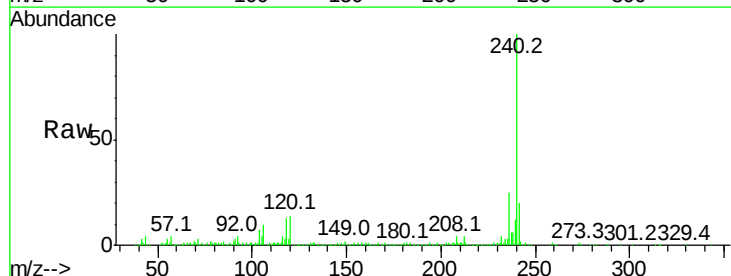
Instrument :
BNA_F
ClientSampleId :
G-2

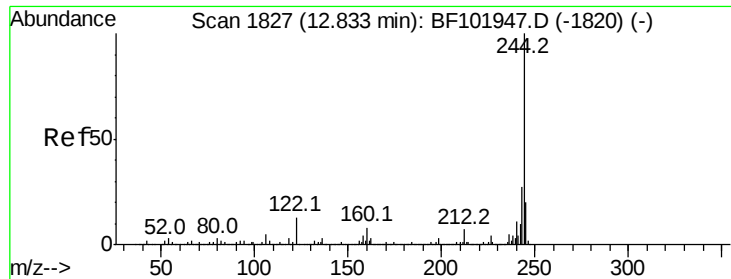
Tot Ion:188 Resp: 432255
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

Tgt Ion:240 Resp: 366956
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.3 20.7 31.1

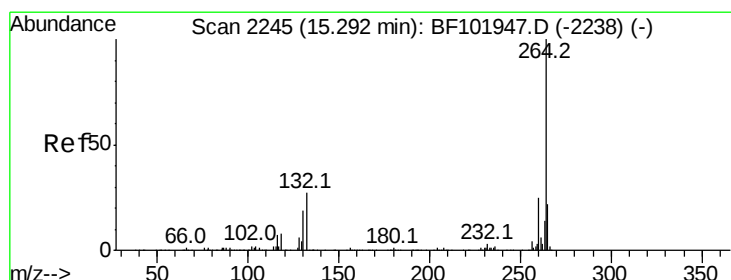
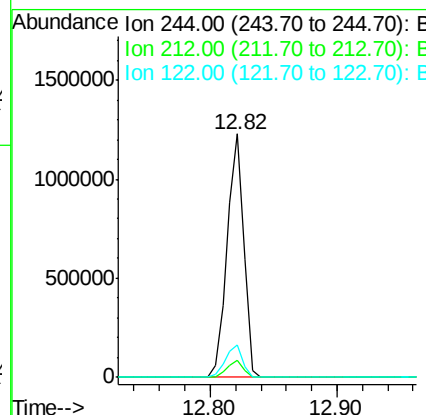
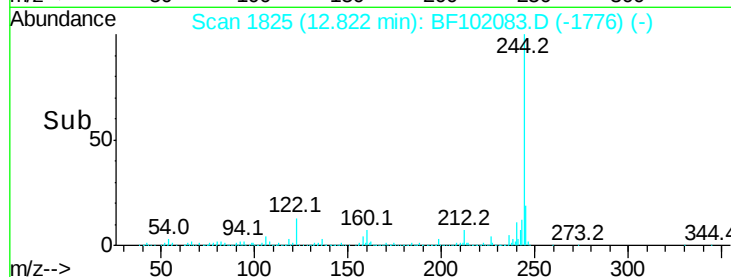
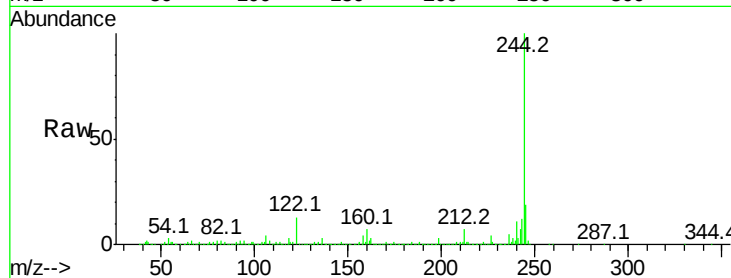




#78
 Terphenyl-d14
 Concen: 63.682 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :
 G-2

Tot Ion:244 Resp: 1125512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:264 Resp: 359414
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

